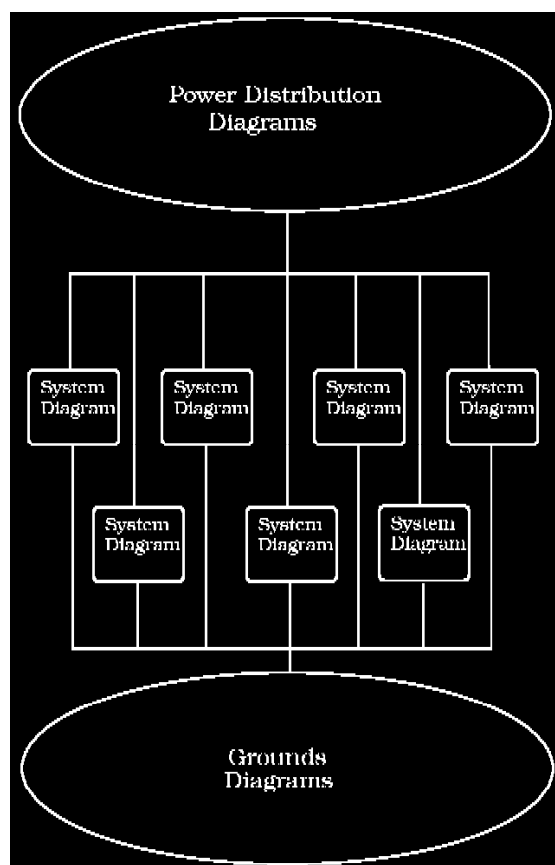


Vehicle: Diagrams

How To Find Wiring Diagrams

How ALLDATA Presents Ford Diagrams



Diagrams are presented in three main categories:

- ^ Power Distribution Diagrams
 - Circuits feeding/protecting the system diagrams
- ^ System Diagrams
 - Component Circuits that work together as a system
- ^ Grounds Diagrams
 - Circuits grounding the system diagrams

Power Distribution Diagrams

The power distribution diagrams are located at Power and Ground Distribution.

These diagrams are especially useful for identifying potential suspects that could be causing any "dead/unpowered" fuses and/or for identifying potential suspects that could be the causing any "blown" fuses.

System Diagrams

The system diagrams are located at the specific Alldata System/SubSystem that they apply to, such as Cruise Control, Powertrain Management, Radio/Stereo, etc.

These diagrams are useful for identifying a component's power source and its direct relationship to the other components in the same system. These diagrams may also indicate a component's indirect relationship with components in other systems.

Grounds Diagrams

The grounds diagrams are located at Power and Ground Distribution.

These diagrams are useful for determining the interconnections of the grounding circuits of different systems.

PLEASE NOTE: When locating diagrams by their ID numbers, some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

How To Navigate Between Wiring Diagrams

Circuits that go from one diagram to another will be marked with references indicating which diagram the circuit went to/came from, i.e. "See Diagram ###-#".

These references will be in the form of unique diagram identification numbers (i.e. **15-3**, **70-4**, etc). All diagrams are identified with this unique ID number in their captions.

Diagrams being referred to that may reside outside of the set of diagrams you are viewing can be accessed by clicking on the hyperlink for "Diagrams By Number" which is provided with all sets of diagrams.

PLEASE NOTE: When locating diagrams by their ID numbers, some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

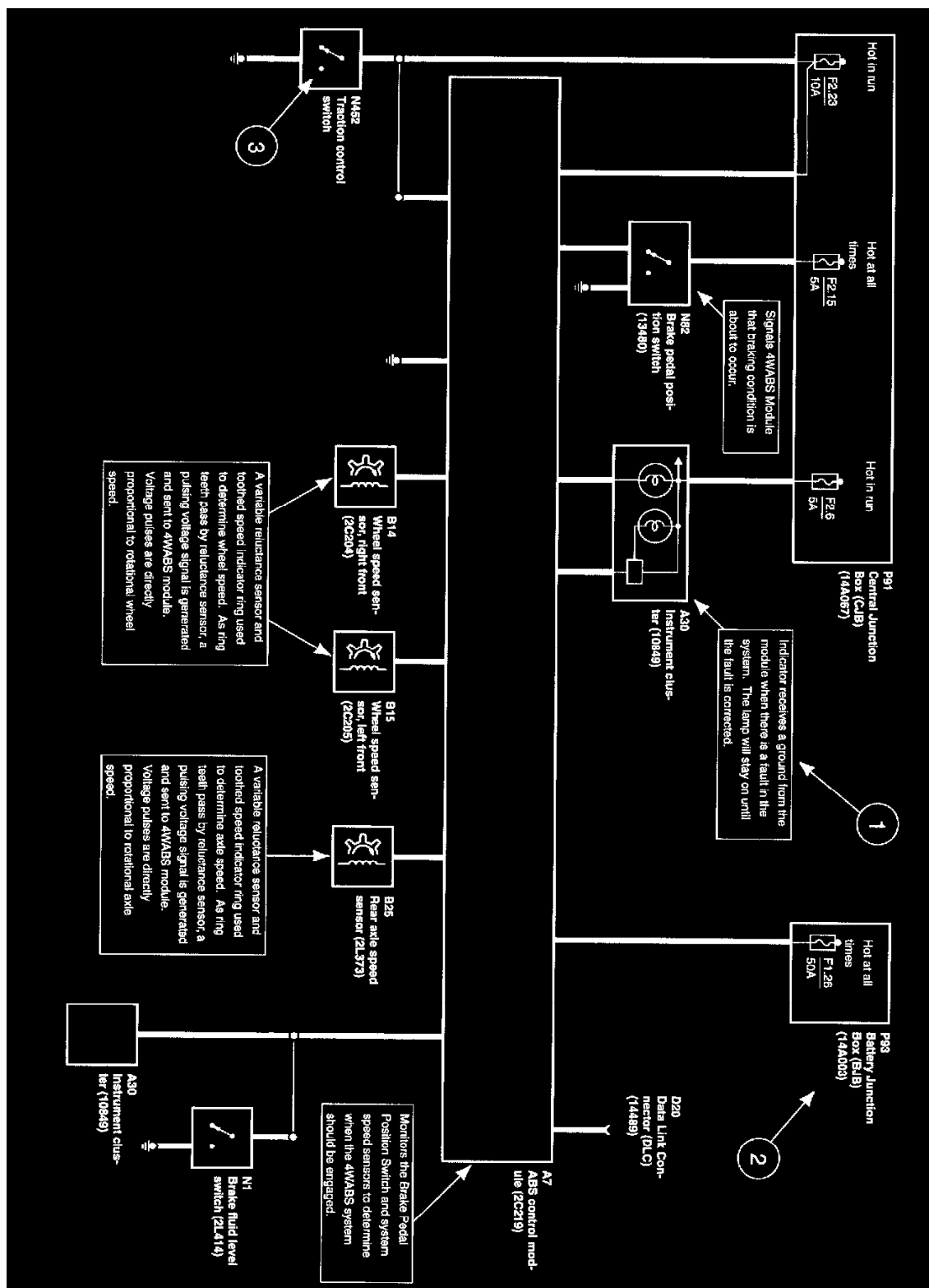
Introduction To Ford Diagrams

Note

All wiring connections between components are shown exactly as they exist in the vehicles. It is important to realize, however, that no attempt has been made on the diagram to represent components and wiring as they physically appear on the vehicle. For example, a **4-foot** length of wire is treated no differently in a diagram from one which is only a few inches long. Furthermore, to aid in understanding electrical (electronic) operation, wiring inside complicated components has been simplified.

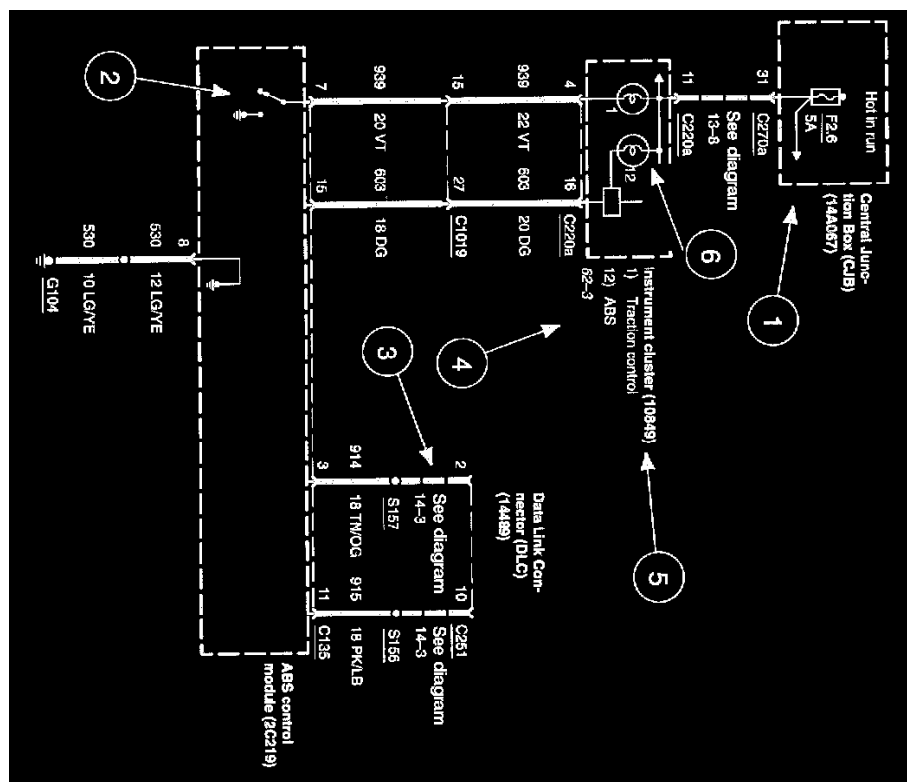
Complete Circuit Operation

Each circuit is shown completely and independently in one set of diagrams. Other components which are connected to the circuit may not be shown unless they influence the circuit operation.



System Overview

Each major vehicle system includes a complete system overview diagram prior to each set of diagrams. It is important to realize that this is only a high level overview of the complete system connectivity. It includes component operational information (1), component name and base part number (2), and basic component internals (3). It does not include specific circuit information, connector or pin numbers, splices or grounds. That information is found on the subsequent diagrams in the set.



Current Flow (1)

Each set of diagrams normally starts with the component that powers the circuit such as a fuse or the ignition switch. Current flow is shown from the power source at the top of the diagram to ground at the bottom of the diagram. In order to concentrate on the essential parts, power supply and ground connections are sometimes simplified by a dashed line in the diagrams. A full representation of the power supply of a fuse or the power distribution from a fuse to various components is given in the Power and Ground Distribution Diagrams. Full representation of the ground connections are shown in the Power and Ground Distribution Diagrams.

Switch Positions (2)

Within the diagram, all switches, sensors and relays are shown "at rest" (as if the Ignition Switch were OFF).

Splices (3)

A dashed line indicates that the splice is not shown completely. A reference is given to the diagram where the splice appears in full.

Component Referencing (4)

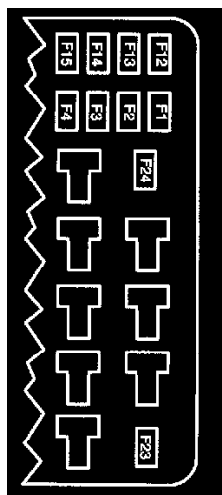
Each component on a diagram has a reference to the component location view for that component (i.e. 151-1, 151-10, etc.). These view references are located to the right of each component shown in a diagram. The views themselves can be found at Vehicle Locations.

Component Names, Notes and Base Part Numbers (5)

Component names are placed on the right hand side of each component. Any notes that describe switch positions or operating conditions follow the name. Descriptions of the internals of the component are also included here. The base part number for a component is listed in parentheses next to or under a component.

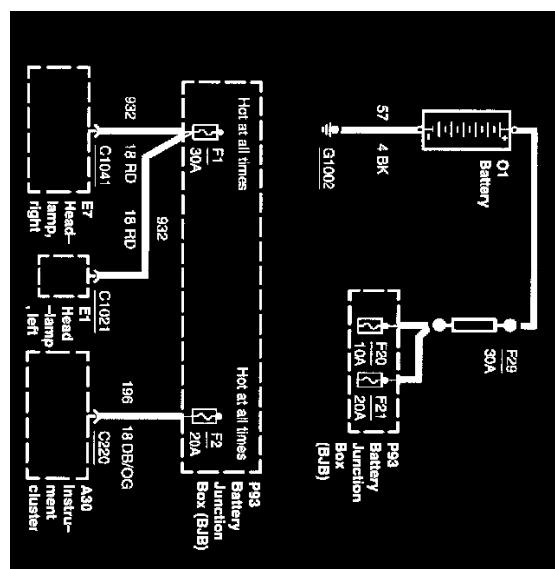
Internal Name and Function ID Numbers (6)

Some components on each diagram have internal symbols with an identification number located to the right. You can identify the internal symbol or function by finding the corresponding number under the component name.



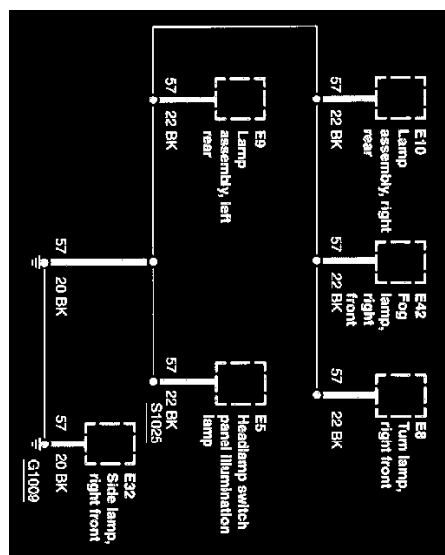
Fuse and Relay Information

Fuse/Locations and Relay/Locations contains a view of the fuse/relay box in which all fuses and relays are identified.



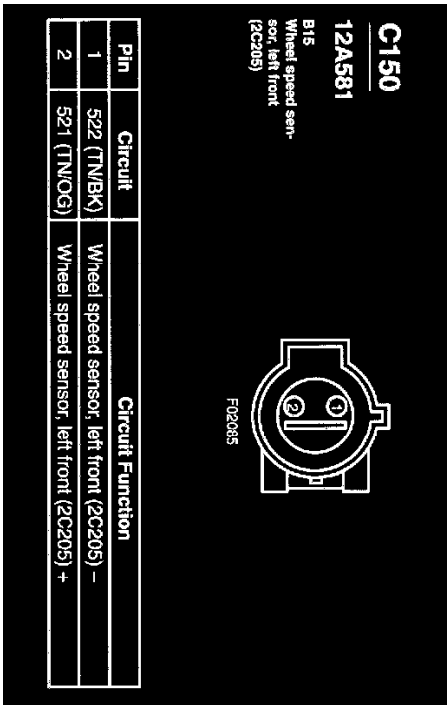
Power Distribution

Power and Ground Distribution Diagrams show the current feed circuit. The current path is shown from the battery to the ignition switch and to all fuses. It also shows the circuits protected by each fuse. The circuit is traced from the fuse to the component. All details (wires, splices, connectors) between the fuse and the first component are shown.



Ground Distribution

Power and Ground Distribution Diagrams contain the diagrams that show the complete details for each ground connection or main ground splice. This is useful in diagnosing a problem affecting several components at once (poor ground connection or ground splice). All details (wires, splices, connectors) between the ground point and the components are shown. These ground connection details are shown here in order to keep the individual set of diagrams as uncluttered as possible.



Component and Connector Information

Locations information that can be found at the vehicle level will help the user find where the various items depicted on the diagram can physically be found on the vehicle.

Component Location Views show the components and their connecting wires as they can be found on the vehicle.

"Connector Views" show the views of the pins and/or cavities of all connectors. The pin and cavity sides are shown separately as if the connector were disconnected. The color of the connector housing is indicated next to the connector number when available. The harness causal number is located above the connector view and below the connector number. The circuit function charts are located below each connector.

WARNINGS

- ^ Always wear safety glasses for eye protection.
- ^ Use safety stands whenever a procedure requires being under a vehicle.
- ^ Be sure that the Ignition Switch is always in the OFF position, unless otherwise required by the procedure.
- ^ Set the parking brake when working on any vehicle. An automatic transmission should be in PARK. A manual transmission should be in NEUTRAL.
- ^ Operate the engine only in a well-ventilated area to avoid danger of carbon monoxide.
- ^ Keep away from moving parts, especially the fan and belts, when the engine is running.
- ^ To prevent serious burns, avoid contact with hot metal parts such as the radiator, exhaust manifold, tailpipe, catalytic converter and muffler.
- ^ Do not allow flame or sparks near the battery. Gases are always present in and around the battery cell. An explosion could occur.
- ^ Do not smoke when working on a vehicle.
- ^ To avoid injury always remove rings, watches, loose hanging jewelry and avoid wearing loose clothing.

Location Key For Connectors, Grounds, and Splices

The first digit of every connector, ground, and splice references its location within the vehicle.

NUMBER	LOCATION
100	Engine compartment, Powertrain (including: axle/differential/transmission)
200	Instrument Panel and Console, Steering Wheel assembly
300	From instrument panel to rear seat, below door trim panel
400	Behind rear seats, to rear bumper; Truck bed
500	Driver door
600	Passenger door, front
700	Passenger door, left rear
800	Passenger door, right rear

900 Above door trim panel and headliner

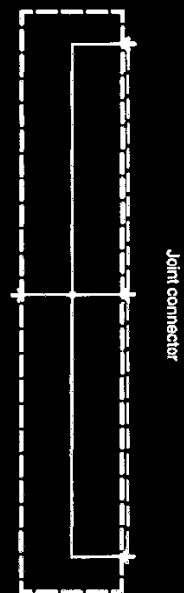
Symbols and Wire Color Code Identification

	Distributed splice		Entire component		Resistor or heating element
	Crossed wiring without connection		Part of a component		Potentiometer (pressure or temperature)
	Splice		Component case directly attached to metal part of vehicle (ground)		Potentiometer (outside influence)
	Removable connection		Component with screw terminals		Battery
	Ground		Connector attached to component		Fuse
	Connector		Connector attached to component lead (pigtail)		Circuit breaker
	Female connector				Heating element, Conductor loop
	Male connector				

Symbols Part 1

	Ignition coil assembly		Buzzer		Antenna
	Solenoid controlled valve or clutch solenoid		Air bag inflating contact (14A664)		Permanent magnet, one-speed-motor
	Light emitting diode (LED)		Diode, current flows in direction of arrow		Permanent magnet, two-speed-motor
	Capacitor		Transistor		Rotational sensor
	Variable capacitor		Lamp		Shield
	Piezoelectric sensor		Bifilament lamp		Signal horn or speaker
	Coil		Gauges		Fusible link

Symbols Part 2



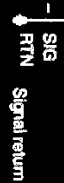
Wire colors	
BK	Black
BN	Brown
BU	Blue
DB	Dark blue
DG	Dark green
GN	Green
GY	Gray
LB	Light blue
LG	Light-green
NA	Natural
OG	Orange
PK	Pink
RD	Red
SR	Silver
TN	Tan
VT	Violet
WH	White
YE	Yellow



VBATT Battery voltage



VPWR Switched or module voltage



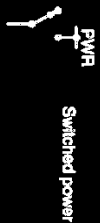
SCP + Standard Corporate Protocol (SCP) data +



SCP - Standard Corporate Protocol (SCP) data -



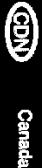
ISO Data bus ISO 9141 (K-line)



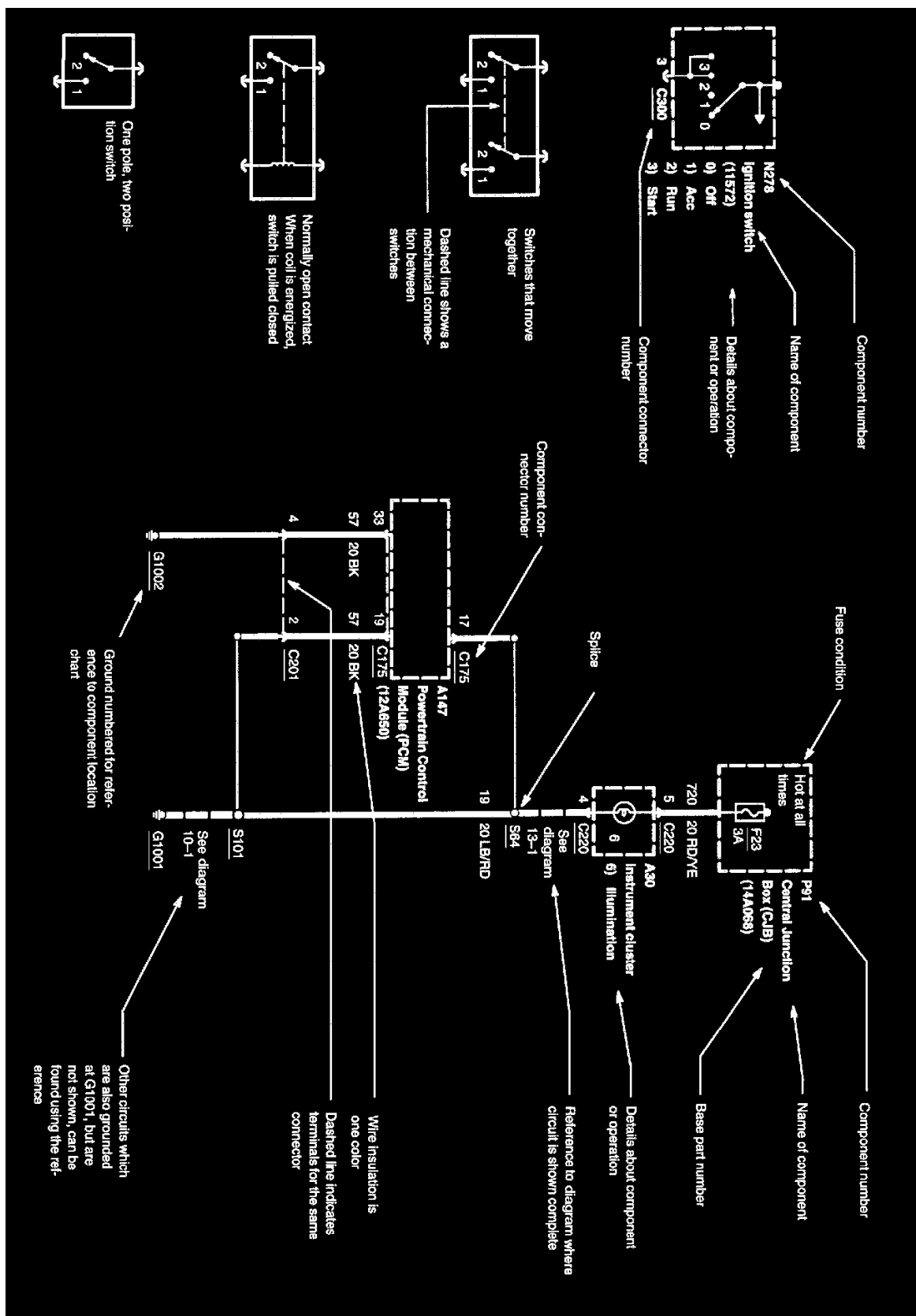
PWR Switched power



Country code







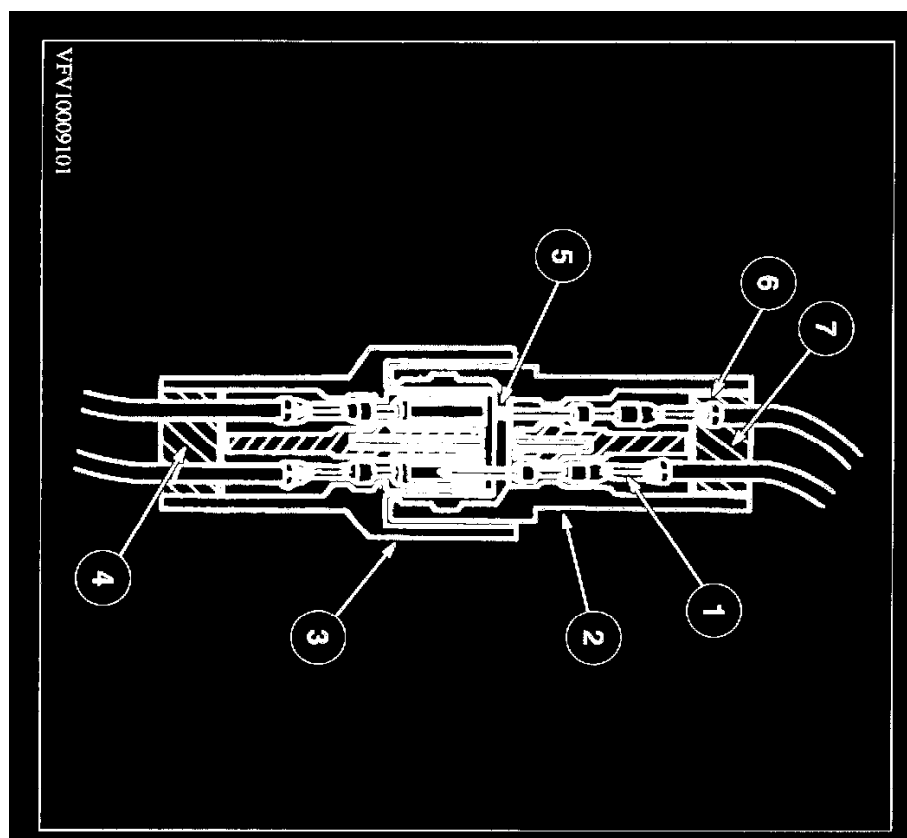
Symbols Part 5

Diagnostic Aids

Troubleshooting wiring harness and connector hidden concerns

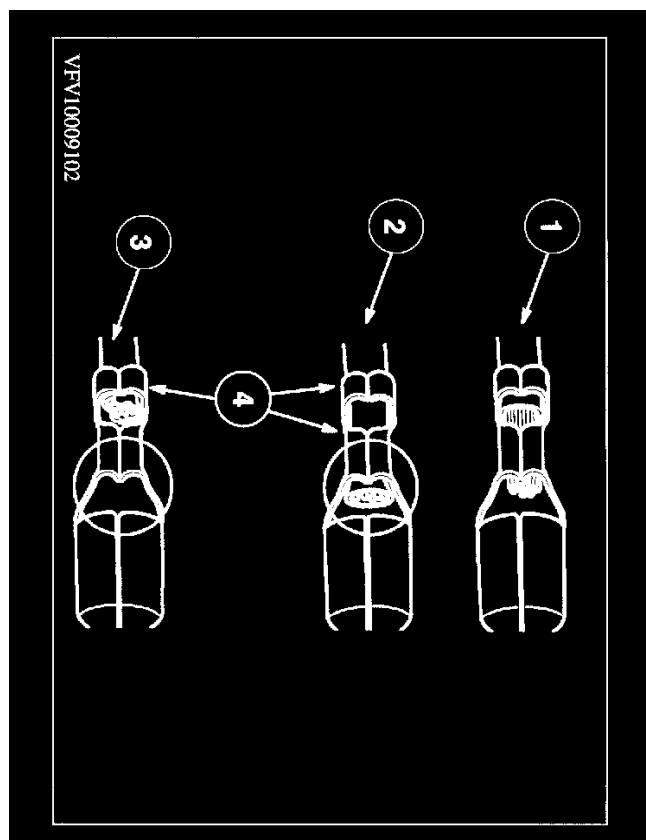
The illustrations are known examples of wiring harness, splices and connectors that will create intermittent electrical concerns. The concerns are hidden and can only be discovered by a physical evaluation in each illustration.

NOTE: Several components, such as the Powertrain Control Module (PCM), utilize gold plated terminals in their connections to the wiring harness. If those terminals need to be replaced, they must be replaced with a gold plated terminal.

**Terminal not properly seated**

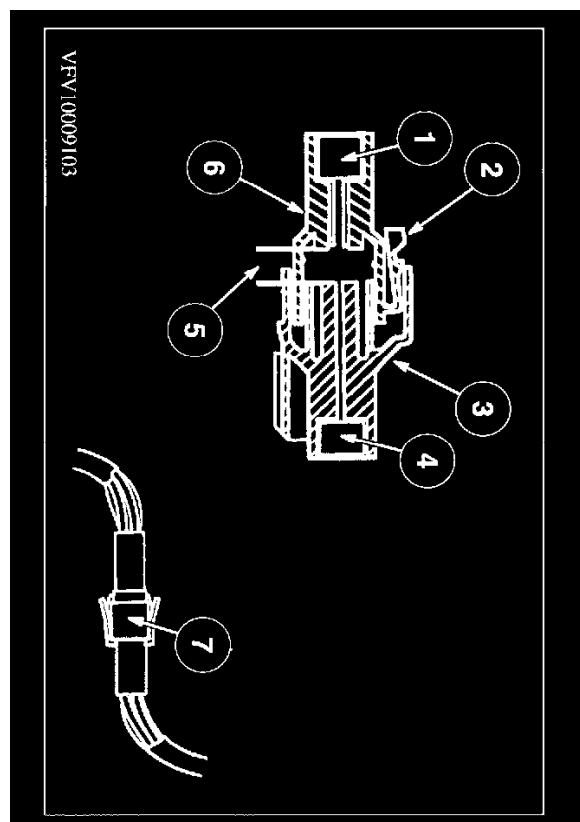
- 1 Locked terminal
- 2 Male half
- 3 Female half
- 4 Seal
- 5 Intermittent contact
- 6 Unlocked terminal (Hidden by wire seal)
- 7 Seal

Check for unlocked terminals by pulling each wire at the end of the connector.



Defective insulation stripping

- 1 Proper crimp
- 2 Insulation not removed
- 3 Wire strands missing
- 4 Intermittent signals through pierced insulation

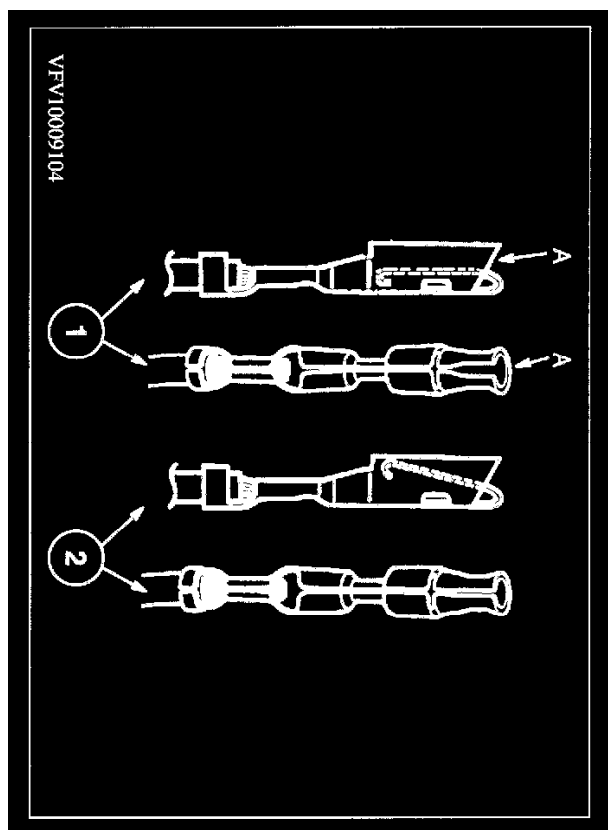


Partially mated connectors

- 1 Seal
- 2 Displaced tab

- 3 Female half
- 4 Seal
- 5 Intermittent contact
- 6 Male half
- 7 Intermittent contact

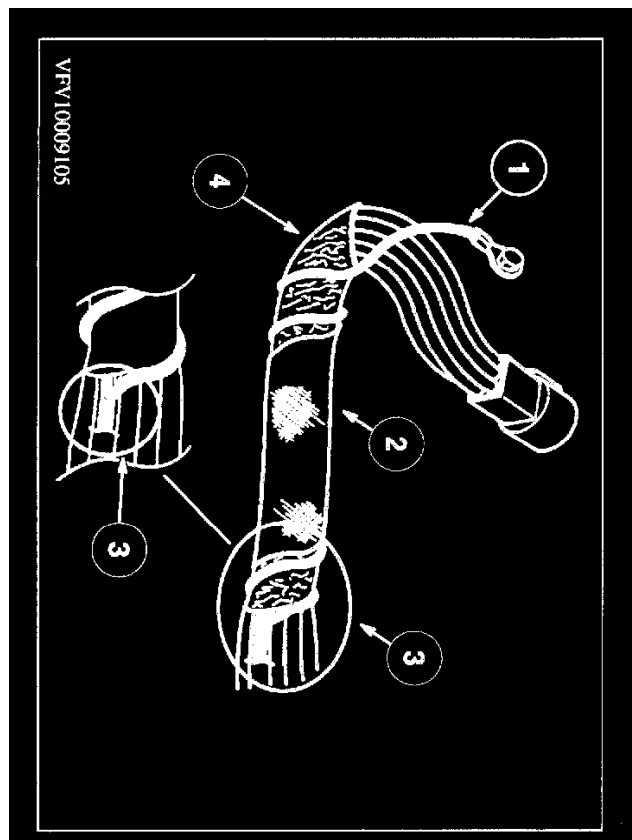
Lock may be displaced into an unlocked position; pull on the connector to verify the lock.



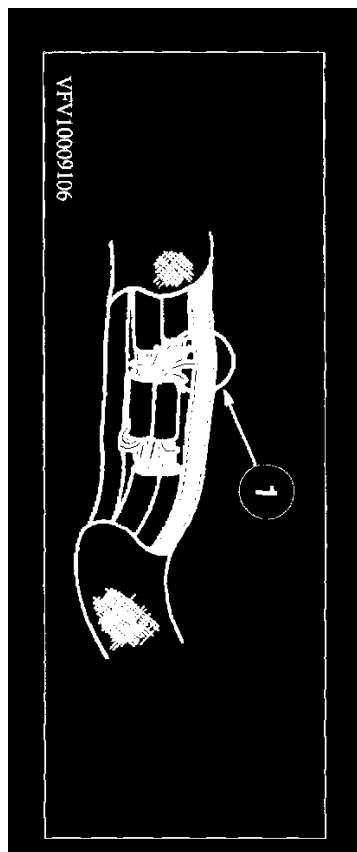
Deformed (enlarged) female terminals

- 1 Enlarged
- 2 Normal

Any probe entering the terminal may enlarge the contact spring opening creating an intermittent signal. Insert the correct mating terminal (Location A) from the service kit and feel for a loose fit.

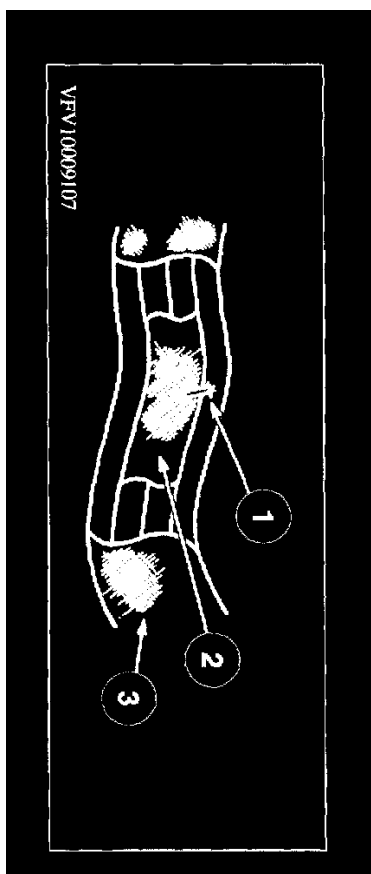
**Electrical short inside the harness**

- 1 Solder coated wire to ground
- 2 Harness protective tape
- 3 Intermittent short
Solder coated wire pierced through the insulation of another circuit
- 4 Grounding foil

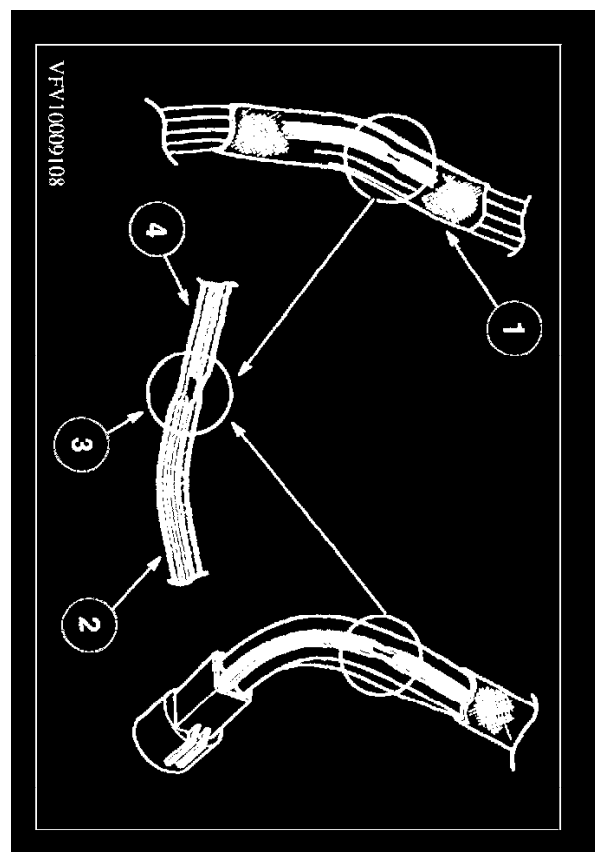
**Electrical short within the harness**

Splice tape removed

- 1 Intermittent short

**Splice covered**

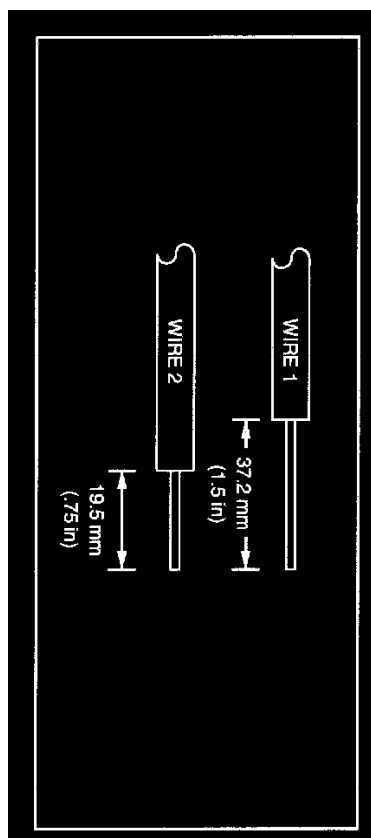
- 1 Wire strand
2 Splice tape
3 Harness tape

**Broken wire strands in harness**

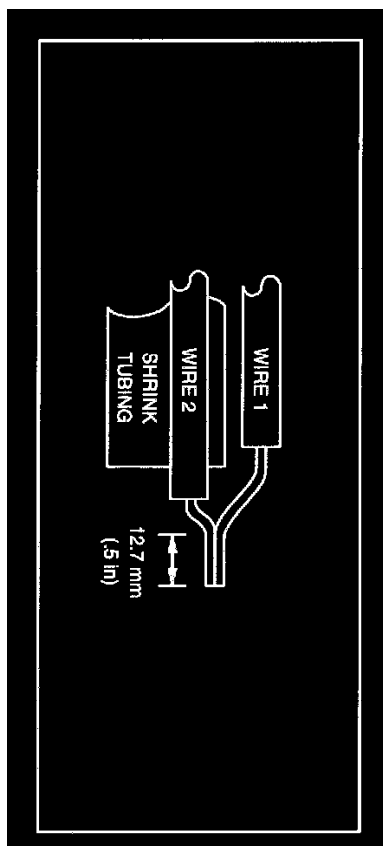
- 1 Wiring harness tape
- 2 Wiring strand
- 3 Broken strands intermittent signal
- 4 Circuit insulation

Remove the tape and flex/feel each circuit for a reduction in diameter at break.

Recommended splicing method

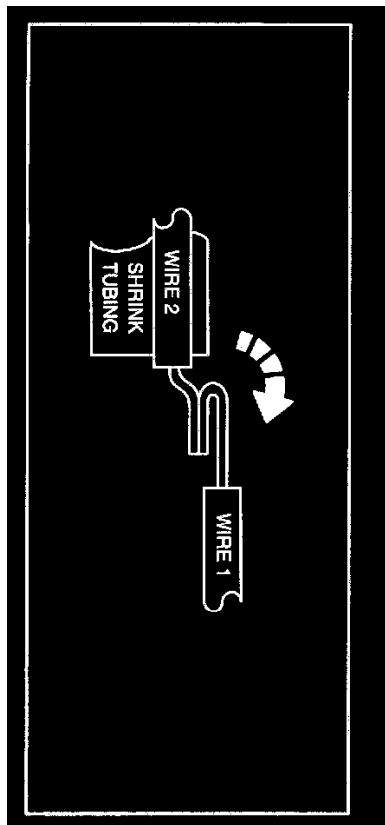


1. Disconnect battery ground cable.
2. Strip wires to appropriate length.



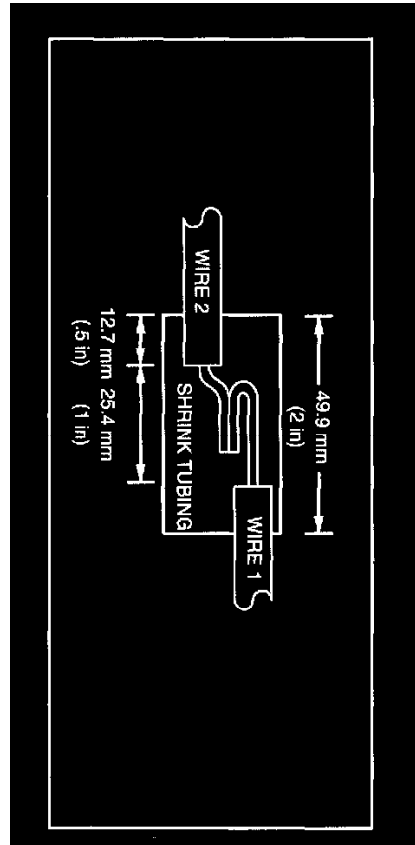
3. Install heat shrink tubing.
4. Twist wires together.
5. Solder wires together.

NOTE: Use Rosin Core Mildly-Activated (**RMA**) solder. Do not use acid core solder.



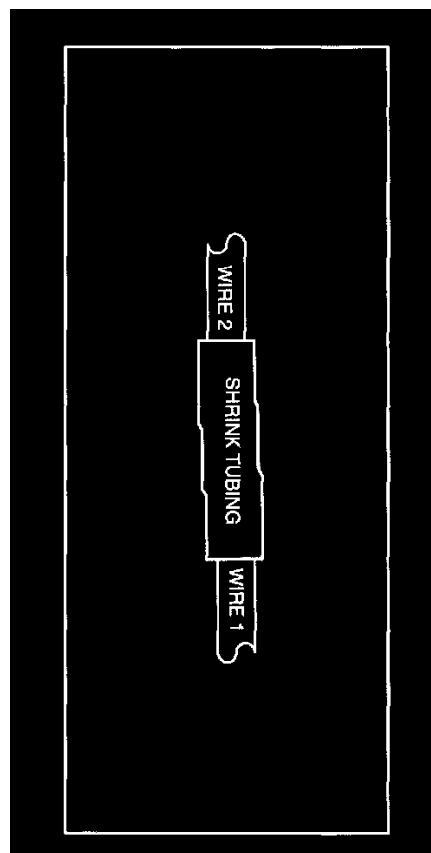
6. Bend Wire 1 back in a straight line.

NOTE: Wait for solder to cool before moving wires.



7. Evenly position heat shrink tubing over wire repair.

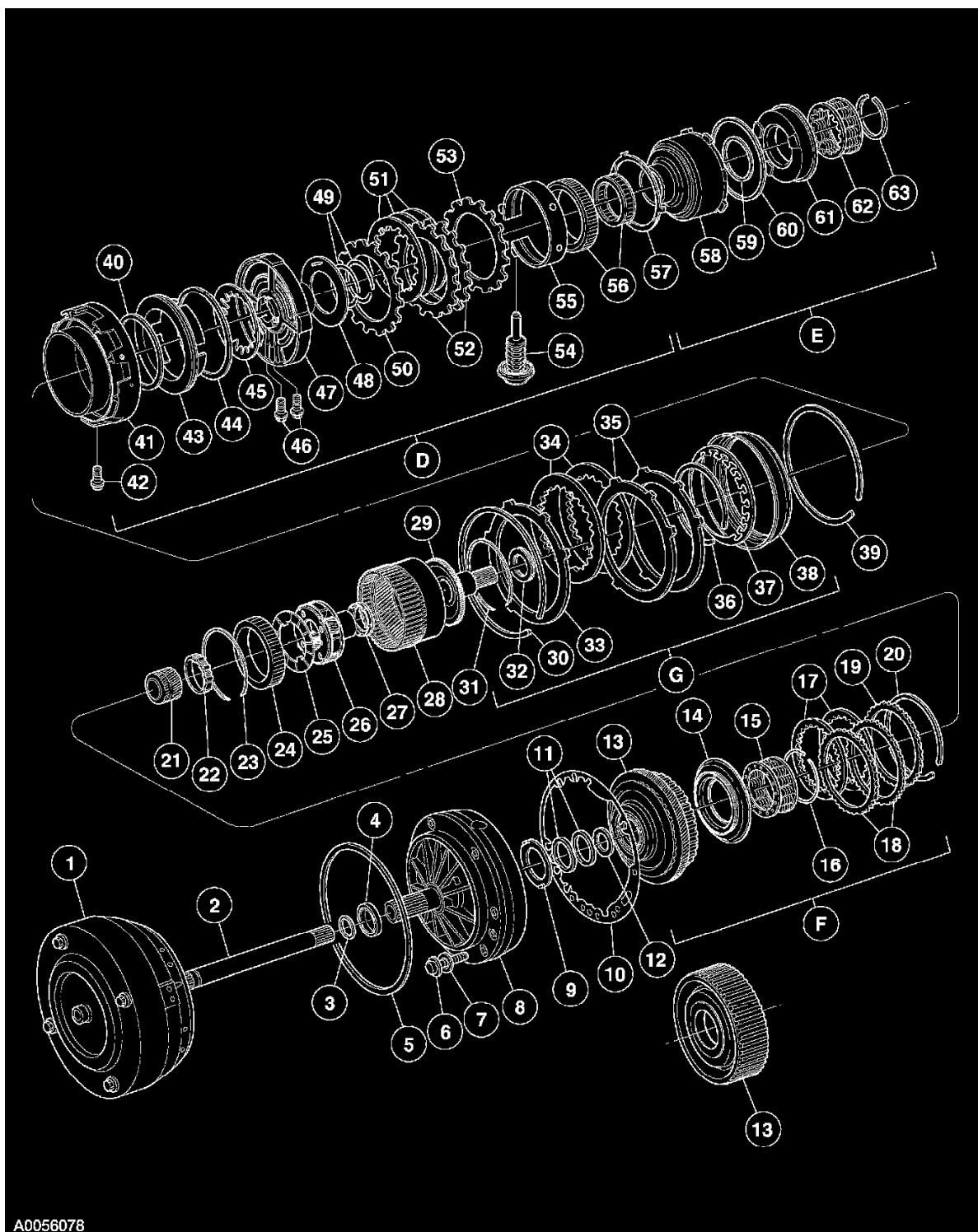
NOTE: Overlap tubing on both wires.

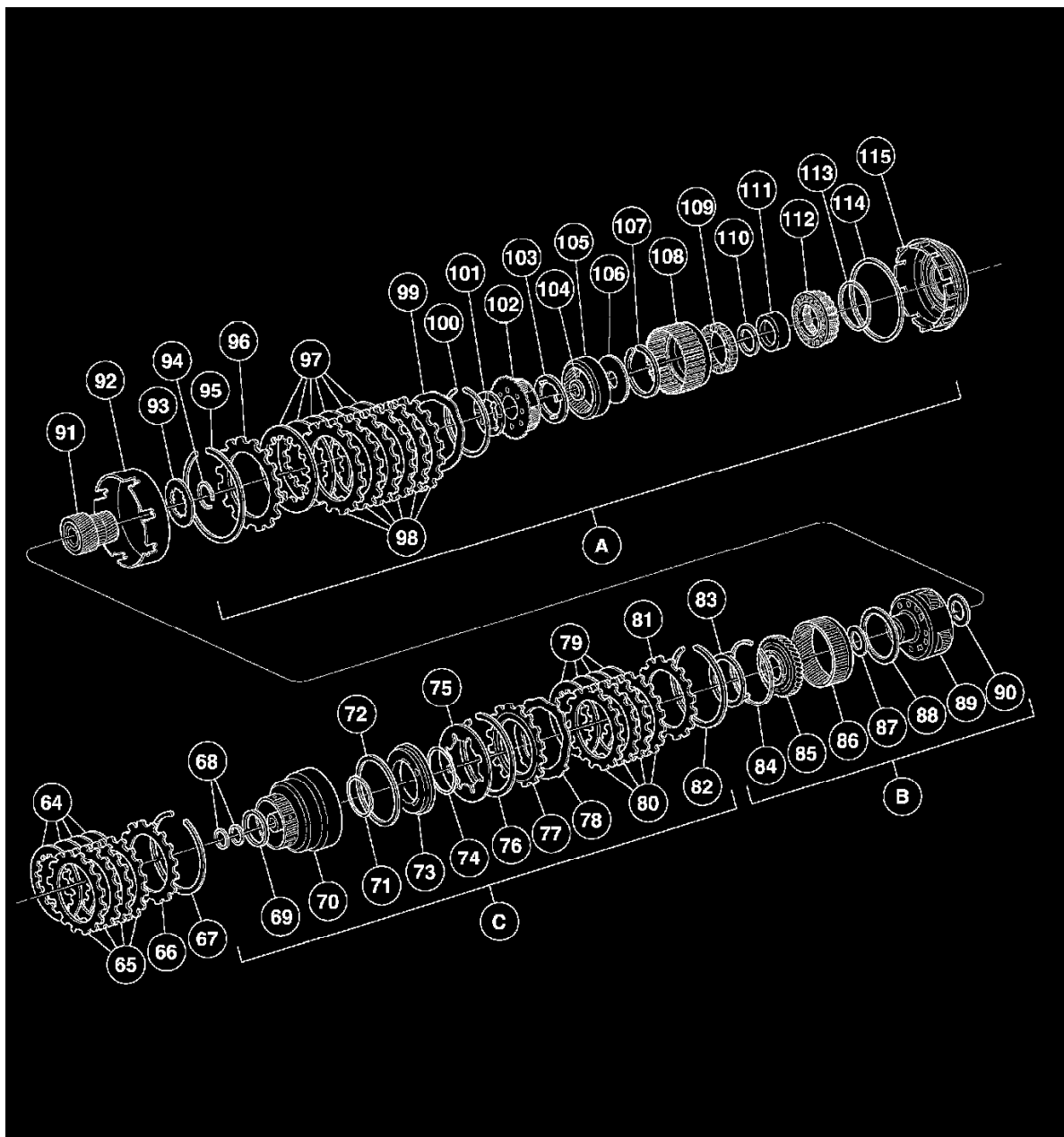


8. Use heat gun to heat the repaired area until adhesive flows out of both ends of heat shrink tubing.
9. Reconnect battery ground cable.

Disassembled Views

Disassembled Views







Item	Description
1	Converter assembly (model dependent)
2	Shaft — input
3	Seal — front pump support
4	Seal — front pump
5	Seal — front pump square cut OD
6	Screw and washer assembly — front pump to case
7	Washer — replacement (9 req'd)
8	Pump assembly — front (model dependent)
9	Washer — front pump support thrust No. 1 (model dependent)
10	Gasket — front pump
11	Seal — coast clutch ring — Teflon® (2 req'd)
12	Bearing assembly — overdrive sun gear No. 2
13	Cylinder assembly — coast clutch (model dependent)
14	Piston and seal assembly — coast clutch (model dependent)
15	Spring — coast clutch piston disc (model dependent)
16	Ring — coast clutch spring retainer (model dependent)
17	Plate — coast clutch internal spline — friction
18	Plate — coast clutch external spline — steel
19	Plate — coast clutch pressure
20	Ring — coast clutch press plate retaining (selective fit) (model dependent)
21	Gear assembly — overdrive sun
22	Clutch assembly — overdrive one-way
23	Ring — retaining flat (outer race to overdrive ring gear)
24	Race — overdrive one-way clutch — outer
25	Washer — overdrive one-way clutch No. 3
26	Planet assembly — overdrive

Item	Description
27	Bearing assembly — thrust No. 4
28	Gear — overdrive ring
29	Shaft — overdrive center
30	Ring — overdrive retaining (select fit)
31	Ring — wavy retaining (center shaft to overdrive ring gear)
32	Bearing assembly — center shaft No. 5
33	Plate — overdrive clutch pressure
34	Plate — overdrive clutch internal spline — friction (model dependent)
35	Plate — overdrive clutch external spline — steel
36	Ring — overdrive clutch disc spring retaining
37	Spring — overdrive clutch piston disc
38	Piston and seal assembly — overdrive clutch (bonded)
39	Ring — intermediate cylinder retaining
40	Seal — intermediate clutch piston (inner)
41	Cylinder — intermediate and overdrive clutch
42	Bolt — M10-1.5 x 24 mm (0.96 in) overdrive cylinder fluid feed
43	Piston — intermediate clutch
44	Seal — intermediate clutch piston — outer
45	Spring — intermediate clutch piston disc
46	Bolt — M12-1.75 x 31 mm (1.24 in) center support fluid feed (2 req'd)
47	Support assembly — center
48	Washer — center support thrust No. 6
49	Seal — direct clutch cast iron (2 req'd)
50	Plate — intermediate clutch apply
51	Plate — intermediate clutch internal spline

Item	Description
52	Plate — intermediate clutch external spline
53	Plate — intermediate clutch pressure
54	Servo assembly — intermediate brake band
55	Band assembly — intermediate
56	Clutch assembly — intermediate one-way
57	Washer — intermediate one-way clutch thrust No. 7
58	Drum assembly — intermediate brake
59	Seal — direct clutch inner
60	Seal — direct clutch outer
61	Piston assembly — direct clutch
62	Retainer and spring assembly — direct clutch
63	Ring — direct clutch support spring retaining
64	Plate — direct clutch internal spline — friction
65	Plate — direct clutch external spline — steel
66	Plate — direct clutch pressure
67	Ring — direct clutch pressure plate retaining (selective fit)
68	Seal — forward clutch cylinder (2 req'd)
69	Bearing assembly — forward clutch cylinder thrust No. 8B
70	Cylinder assembly — forward clutch
71	Seal — forward clutch piston — inner
72	Seal — forward clutch piston — outer
73	Piston assembly — forward clutch
74	Ring — piston apply
75	Spring — piston return
76	Ring — retaining forward clutch spring (forward clutch piston spring to forward clutch cylinder assembly)

Item	Description
77	Plate — forward clutch pressure
78	Spring — forward clutch wave
79	Plate — forward clutch internal spline — friction
80	Plate — forward clutch external spline — steel
81	Plate — forward clutch pressure rear
82	Ring — forward clutch pressure plate retaining (selective fit)
83	Washer — forward clutch hub — thrust No. 8C
84	Ring — forward hub retaining (forward ring gear hub to forward ring gear)
85	Hub — forward ring gear
86	Gear — forward ring
87	Bearing assembly — forward clutch thrust (between forward ring gear and forward planet assembly) No. 9A
88	Bearing assembly — forward planet carrier — thrust No. 10A
89	Planet assembly — forward
90	Bearing assembly — forward clutch thrust (between forward planet assembly and forward sun gear assembly) No. 9B
91	Gear assembly — forward/reverse sun
92	Shell — input
93	Washer — input shell thrust No. 14
94	Ring — retaining (attaches forward/reverse sun gear assembly to input shell)
95	Ring — reverse clutch pressure plate — retaining
96	Plate — reverse clutch pressure
97	Plate — reverse clutch internal spline — friction
98	Plate — reverse clutch external spline — steel

Item	Description
99	Spring — transmission reverse clutch cushion
100	Ring — reverse planet retaining
101	Washer — planet carrier thrust (between reverse planet assembly and input shell) No. 10B
102	Planet assembly — reverse
103	Washer — planet carrier — thrust (between reverse planet assembly and output shaft hub) No. 11
104	Ring — retaining (retaining output shaft hub to output shaft assembly)
105	Gear — output shaft ring
106	Hub — output shaft
107	Ring — retaining (retaining output shaft hub to output shaft ring gear)
108	Hub assembly — reverse clutch
109	Clutch assembly — reverse one-way
110	Low/reverse one-way clutch inner race thrust bearing assembly No. 12
111	Race-low reverse one way inner
112	Retainer and spring assembly — reverse clutch
113	Seal — reverse clutch piston — inner
114	Seal — reverse clutch piston — outer
115	Piston — reverse clutch
116	Bushing — case — front (3 lube grooves)
117	Case assembly
118	Vent assembly — case
119	Sealing washers — case outlet
120	Cooler line — case fitting
121	Cooler line — case fitting

Item	Description
122	Valve assembly — transmission cooler bypass (model dependent)
123	Sealing washers — case outlet
124	Plug — case fluid filler
125	Bushing — case — rear (1 lube groove)
126	Bolt — 5/16 x 1.9 (one-way clutch to case) (5 req'd)
127	Washer — parking gear thrust — rear No. 13
128	Output shaft assembly (4x2)
129	Gear — output shaft — parking
130	Wheel — tone
131	Gasket — extension housing
132	Extension housing (4x2)
133	Bolt — M6 1 x10 hex flange
134	Sensor — turbine/output shaft speed (TSS/OSS)
135	O-ring — sensor
136	Sensor — turbine shaft speed (TSS)
137	Bolt — M10 - 1.5 x 40 mm (1.6 in) extension assembly to case (top) (7 req'd)
138	Bolt — M10 - 1.5 x 35 mm (1.4 in) extension housing to case (bottom) (2 req'd)
139	Bushing — extension housing (4x2)
140	Seal — extension housing (4x2)
141	Output shaft assembly (4x4)
142	Extension assembly (4x4) and Super Duty
143	Bolt — M10 - 1.5 x 93.5 mm (3.74 in) extension assembly to case (Super Duty and 4x4 bottom) (2 req'd)
144	Indicator assembly — fluid level
145	Tube assembly — fluid filler
146	O-ring — filler tube
147	Tube fluid inlet — short

Item	Description
148	Screw and washer assembly M8-1.25 x 23.8 (attaches 7D419 to 7005)
149	PTO — cover gasket
150	PTO — case cover
151	M10 - 1.5 x 20 hex flange head (attaches PTO cover to case)
152	Plate — parking rod guide
153	Spring — parking pawl return
154	Pawl — parking
155	Shaft — park pawl
156	Bolt — M8-1.25 x 25.9 mm (1.03 in) (attaches park pawl actuating abutment to case)
157	Abutment — parking pawl actuating
158	Nut — 3/8 spring (attaches service identification tag to case)
159	Tag — transmission service identification
160	Bolt assembly — transmission range sensor to case (2 req'd)
161	Sensor assembly — digital transmission range
162	Lever assembly — manual control
163	Seal — manual control lever
164	Pin — manual lever retaining
165	Rod assembly — parking pawl actuating
166	Lever — manual control valve detent — inner
167	Nut — M14-1.5 hex inner detent lever (7A115 to 7A256)
168	Bolt — manual valve detent spring assembly to case
169	Spring assembly — manual valve detent
170	Plug — test port — 1/8-27 hex-head
171	Stud — M6 - 1.0 x 61.25 mm (2.45 in) valve body assembly to case — solenoid valve body to case — accumulator body assembly to case

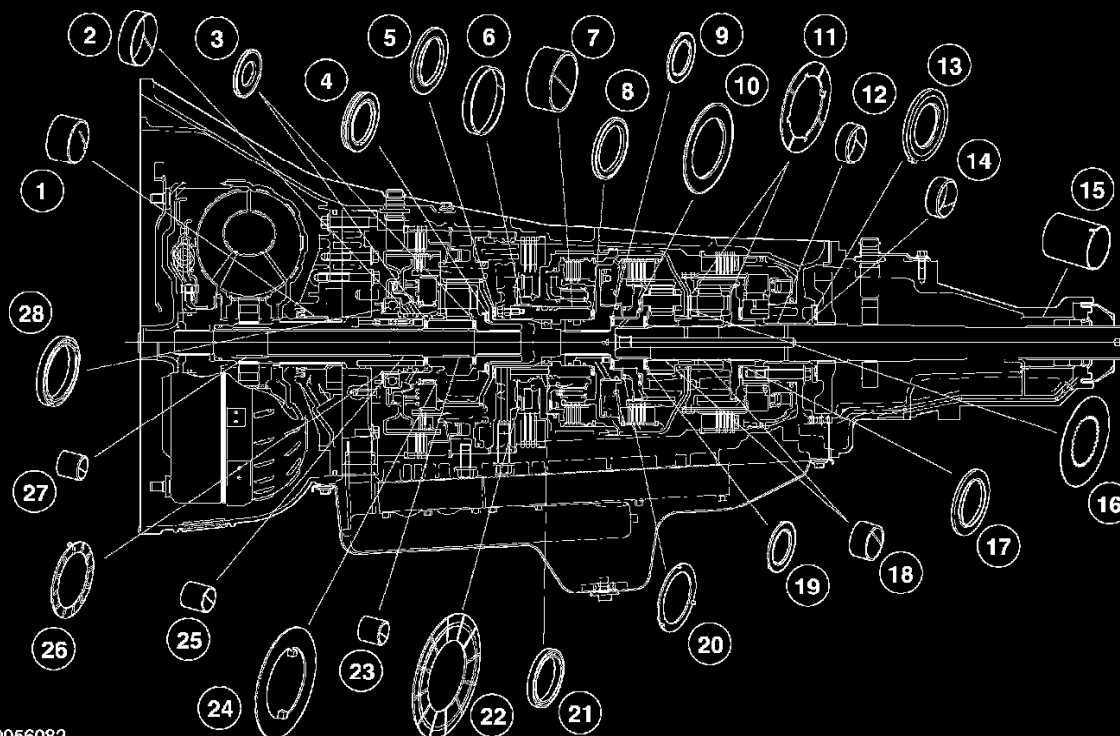
Item	Description
172	Plug — converter access
173	Ball — rubber check (8 req'd)
174	Stud — main control assembly to case
175	Spring — EPC blow-off
176	Ball — EPC blow-off
177	Gasket — valve body separator plate
178	Plate — valve body separator
179	Gasket — valve body separator plate to case
180	Screen assembly — solenoid
181	Plate — valve body reinforcing
182	Bolt — valve body reinforcing plate to case (3 req'd)
183	Solenoid valve body — transmission control
184	Bolt — M6 - 1.0 x 40 mm (1.6 in) solenoid valve body to case (9 req'd)
185	Bolt — M6 - 1.0 x 42.5 mm (1.7 in) valve body assembly to case and accumulator body assembly to case (18 req'd)
186	O-ring — seal solenoid body
187	Bolt — valve body assembly to case
188	Valve body assembly
189	Ball — rubber check (green) (2 req'd)
190	Nut — M6 - 1.0 (5required)
191	Control assembly — accumulator body
192	Reusable gasket — transmission pan
193	Magnet — transmission pan
194	Bolt and washer assembly — pan assembly to case (20 req'd)
195	Filter and seal assembly — transmission (4x4)
196	Pan assembly — transmission (4x4)
197	Plug assembly — fluid pan drain (model dependent)
A	Reverse clutch and planetary

Item	Description
B	Forward planetary
C	Forward clutch assembly
D	Intermediate clutch assembly
E	Direct clutch assembly

Item	Description
F	Coast clutch assembly (model dependent)
G	Overdrive clutch assembly (model dependent)

Bushings, Bearing and Thrust Washer Locator

Bushings, Bearing and Thrust Washer Locator



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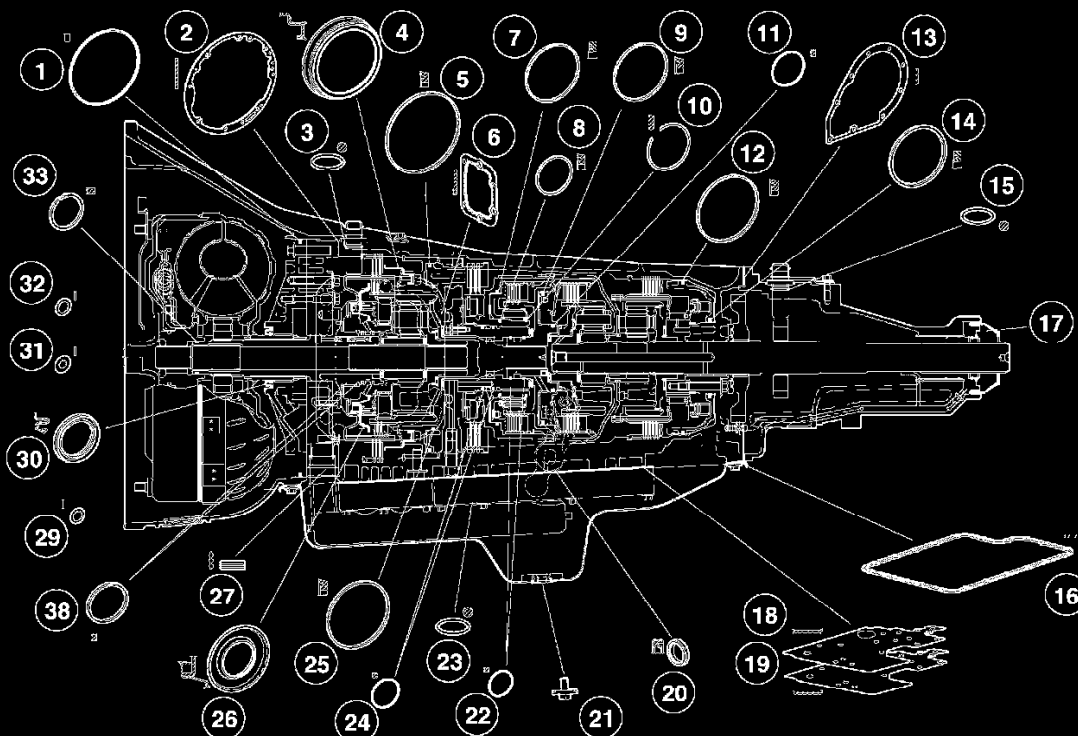
Item	Description
1	Front pump bushing
2	Coast clutch bushing
3	Overdrive sun gear (front/rear) thrust bearing No. 2A and 2B
4	Overdrive carrier to center shaft thrust bearing No. 4
5	Center shaft to center support thrust bearing No. 5
6	Intermediate brake drum front bushing
7	Intermediate brake drum rear bushing
8	Forward clutch hub to center support hub thrust bearing No. 8B
9	Forward carrier (front) thrust bearing No. 9A

Item	Description
10	Planet carrier needle bearing No. 10A
11	Planet carrier thrust washer No. 10B, No. 11
12	Front case bushing
13	Parking gear thrust washer No. 13
14	Rear case bushing
15	Extension housing bushing
16	Input shell thrust washer No. 14
17	Output shaft hub rear thrust bearing No. 12
18	Forward/reverse (front/rear) sun gear bushing
19	Forward carrier (rear) thrust bearing

Item	Description	Item	Description
20	Forward clutch hub thrust washer No. 8C	25	Front pump bushing
21	Ball bearing — center shaft	26	Front pump support thrust washer No. 1 (model dependent)
22	Center support thrust washer No. 6	27	Front pump support front bushing
23	Overdrive sun gear bushing	28	Grab coast clutch ball bearing (model dependent)
24	One way clutch to overdrive carrier thrust washer No. 3 (model dependent)		

Seals, Rings and Gasket Locator

Seals, Rings and Gasket Locator



Item	Description
1	Front pump square cut outside diameter seal
2	Pump gasket
3	Turbine shaft speed (TSS) sensor O-ring
4	Overdrive clutch piston and seal assembly (inner and outer seals bonded to the piston)
5	Intermediate clutch piston outer seal
6	Power take off (PTO) gasket (model dependent)
7	Direct clutch outer seal
8	Direct clutch inner seal
9	Forward clutch piston outer seal
10	Direct clutch support spring retaining ring

Item	Description
11	Forward clutch piston inner seal
12	Reverse clutch piston outer lip seal
13	Extension housing gasket
14	Reverse clutch piston inner lip seal
15	Sensor O-ring — turbine shaft speed (TSS)
16	Reusable transmission pan gasket
17	Extension housing seal
18	Case to separator plate gasket
19	Separator plate to control body gasket
20	Manual control lever seal
21	Drain plug gasket (model dependent)

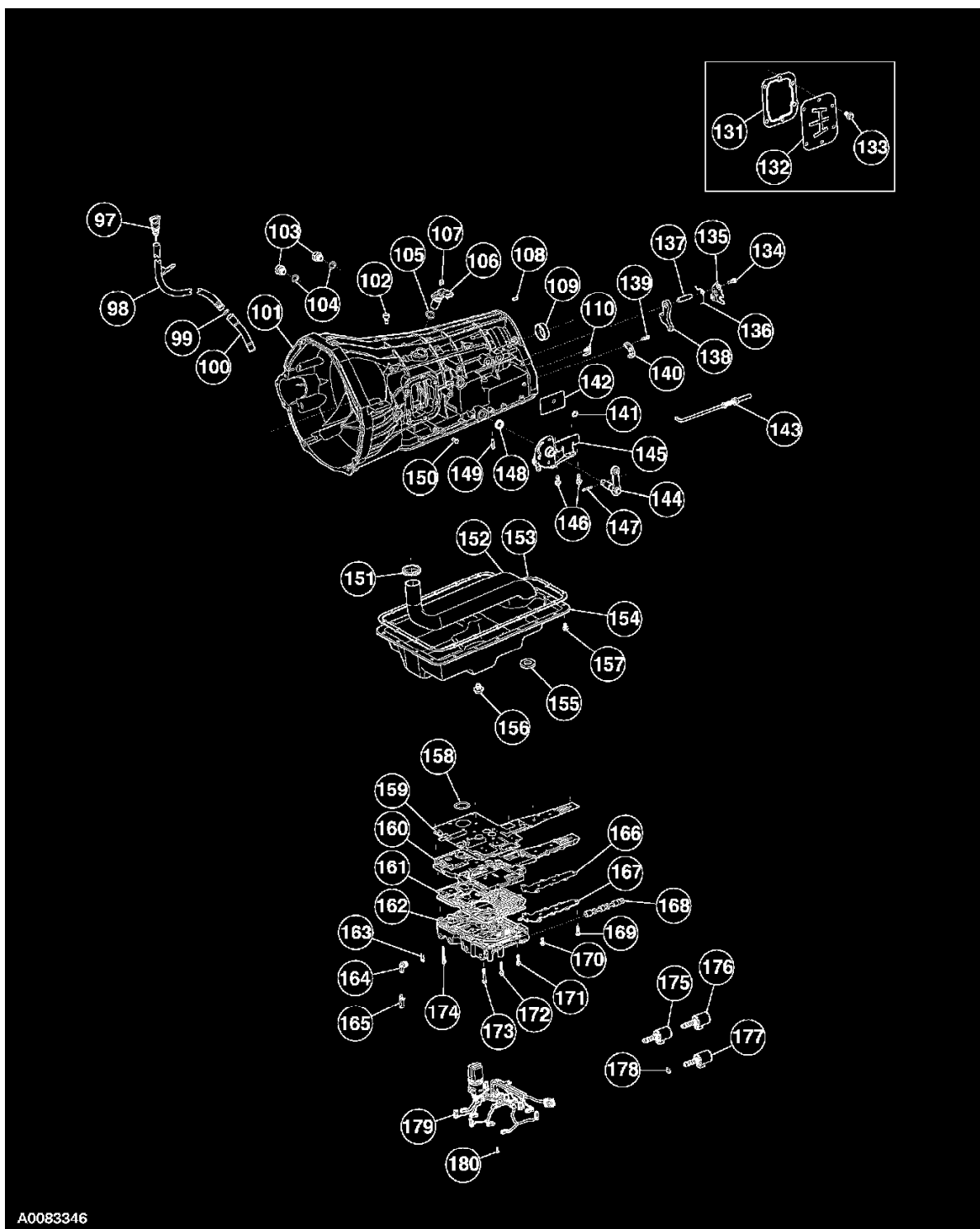
Item	Description	Item	Description
22	Forward clutch cylinder seal (2 req'd)	28	Coast clutch ring seal, Teflon® (2 req'd)
23	Solenoid body O-ring	29	Fluid filler tube O-ring
24	Forward clutch seal cast iron (2 req'd)	30	Front pump seal assembly
25	Intermediate clutch piston seal	31	Front CBV sealing washer (2 req'd)
26	Coast clutch seal bonded on piston (model dependent)	32	Rear CBV sealing washer (2 req'd)
27	Pump inlet seal	33	Front pump stator support seal

Disassembled Views

Disassembled Views







Item	Description
1	Flexplate-to-torque converter nut
2	Torque converter assembly (model dependent)
3	Shaft — input
4	Seal — stator support
5	Seal — front pump support
6	Seal — front pump
7	Bolt — M8 x 70 hex flange head
8	Pump assembly — front
9	Bolt — M8 x 1.25 x 45 — front pump
10	Washer — front pump support No. 1T
11	Gasket — front pump
12	Seal — coast clutch (2 req'd)
13	Race and bearing assembly — sun gear thrust No. 2B and 3B
14	Piston — overdrive clutch
15	Spring — overdrive clutch piston return
16	Plate — overdrive clutch internal spline — friction
17	Plate — overdrive clutch external spline — steel
18	Plate — overdrive clutch pressure
19	Ring — overdrive clutch press plate retaining
20	Cylinder and bushing assembly — coast clutch
21	Piston — coast clutch
22	Spring — coast clutch return
23	Ring — coast clutch spring retaining
24	Plate — coast clutch internal spline — friction (model dependent)
25	Plate — coast clutch external spline — steel (model dependent)
26	Clutch assembly — coast one-way
27	Gear — overdrive sun
28	Ring — 172.5 retainer internal style No. 2

Item	Description
29	Bolt — coast clutch hub (4 req'd)
30	Hub assembly — input coast clutch
31	Gear assembly — overdrive planetary
32	Bearing and race assembly — direct clutch No. 4B
33	Gear — overdrive ring
34	Shaft — overdrive center
35	Ring — center support retaining
36	Bearing and race assembly — sun gear thrust No. 5B
37	Ring — overdrive ring gear retaining
38	Support assembly — center
39	Valve — transmission manual control
40	Bolt — M12 x 1.75 x 31 hex flange head (2 req'd)
41	Seals — Teflon® (2 req'd)
42	Washer — center support thrust No. 6T
43	Piston — intermediate clutch
44	Support and spring assembly — intermediate clutch
45	Ring — intermediate clutch spring
46	Plate — intermediate clutch internal spline (friction)
47	Plate — intermediate clutch external spline (steel)
48	Plate — intermediate clutch pressure
49	Cylinder and hub assembly — direct clutch
50	Piston assembly — direct clutch
51	Spring — direct clutch piston return
52	Piston — direct clutch balance
53	Ring — direct clutch balance piston retaining
54	Plate — direct clutch internal spline — friction
55	Plate — direct clutch external spline — steel

Item	Description
56	Plate — direct clutch pressure
57	Ring — direct clutch plate retaining (selective fit)
58	Washer — intermediate brake thrust No. 7T
59	Bearing assembly — intermediate clutch No. 8B
60	Seal — forward clutch cylinder (2 req'd)
61	Cylinder assembly — forward clutch
62	Piston assembly — forward clutch
63	Spring — forward clutch piston return
64	Piston assembly — forward clutch balance
65	Ring — forward clutch balance piston retaining
66	Spring — forward clutch cushion
67	Plate — forward clutch internal spline — friction
68	Ring — forward clutch plate retaining (selective fit)
69	Washer — forward clutch hub thrust No. 9T
70	Ring — retaining (forward ring gear)
71	Bearing and race assembly — sun gear thrust No. 10B, 12B, 15B
72	Hub and bushing assembly — forward ring gear
73	Gear — forward ring
74	Bearing and race assembly — forward carrier No. 11B
75	Planet assembly — forward
76	Lube dam — forward carrier
77	Gear assembly — forward/reverse sun
78	Shell — input
79	Ring — forward/reverse sun shell retaining
80	Spacer — sun gear shell
81	Shell and sun gear assembly
82	Ring — reverse clutch pressure plate — retaining

Item	Description
83	Clutch assembly — low one way
84	Plate — reverse clutch internal spline — friction
85	Plate — reverse clutch external spline — steel
86	Washer — planet carrier thrust No. 13T/14T
87	Planet assembly — reverse
88	Gear — output shaft ring
89	Hub — output shaft ring gear
90	Ring — retaining (reverse ring gear)
91	Bearing and race assembly No. 16B
92	Ring — reverse clutch spring retaining
93	Retainer and spring assembly — reverse clutch
94	Piston — reverse clutch
95	Seal — Teflon®
96	Seal assembly — intermediate brake drum
97	Indicator — fluid level
98	Tube assembly — fluid fill
99	O-ring
100	Tube — fluid inlet short
101	Case assembly
102	Vent assembly — case
103	Cooler line — case fitting
104	O-ring — cooler connector
105	O-ring — sensor
106	Sensor — turbine shaft speed (TSS)
107	Bolt — M6 x 1 x 15.2
108	Valve — air bleed check
109	Snubber — output shaft
110	Plug — case oil filler
111	Bearing assembly — parking gear needle thrust (slip yoke) No. 17B
112	Gear — output shaft parking
113	Plug cup
114	Shaft — output (slip yoke)
115	Gasket — extension housing

Item	Description
116	Extension assembly — slip yoke
117	O-ring — output shaft speed sensor
118	Sensor — output shaft
119	Stud — M6 x 1 1-M10 x 1.563 extension housing
120	Bolt — M10 x 1.5 x 93.5 extension housing
121	Bolt — M10 x 1.5 x 40 extension housing
122	Seal — output shaft spline
123	Seal assembly — extension housing (4x2)
124	Washer — parking gear thrust fixed yoke No. 17T
125	Shaft — output fixed yoke
126	Extension assembly — fixed yoke
127	Seal assembly — extension housing (4x4)
128	Retainer assembly — transmission output shaft
129	Flange — drive shaft (4x4)
130	Bolt — M12 x 55 drive flange
131	PTO — cover gasket
132	PTO — case cover
133	Bolt — M10 1.5 x 24 hex flange head
134	Screw and washer — M8 x 1.25 x 23.5 hex (2 req'd)
135	Plate — parking rod guide
136	Spring — parking pawl return
137	Pin — 0.5 x 1.91 dowel ground hardened
138	Pawl — parking
139	Screw — M8 x 1.25 x 25 pan head
140	Abutment — parking pawl
141	Spring nut
142	Tag — transmission service identification
143	Rod assembly — parking pawl actuating
144	Lever assembly — manual control (model dependent)

Item	Description
145	Transmission range detent assembly
146	Bolt — M6 x 1.0 x 15.2 hex flange head transmission range
147	Pin — shaft retaining
148	Seal — manual lever
149	Roll pin — manual control lever to case
150	Plug — line pressure
151	Seal — filter
152	Filter and seal assembly
153	Gasket — fluid pan
154	Fluid pan
155	Ceramic magnet — fluid pan
156	Plug — fluid pan drain
157	Bolt — fluid pan
158	O-ring — bulkhead connector
159	Gasket — control valve body
160	Ditch plate
161	Gasket — filter plate
162	Manifold body
163	W-clip — pressure switch plug
164	Switch — pressure (if equipped)
165	Sensor — transmission fluid temperature (TFT)
166	Gasket — backing plate
167	Backing plate
168	Valve — manual
169	Bolt — M6 x 1 x 30 hex head (5 req'd)
170	Bolt — M6 x 15.2 solenoid backing plate-to-ditch plate (5 req'd)
171	Bolt — M6 x 27.5 solenoid manifold-to-ditch plate (3 req'd)
172	Bolt — M6 x 1.0 x 42.5 hex flange head (3 req'd)
173	Bolt — M6 x 55 solenoid manifold-to-ditch plate (1 req'd)
174	Bolt — M6 x 68 hex flange (13 req'd)
175	Solenoid — line pressure (VFS)

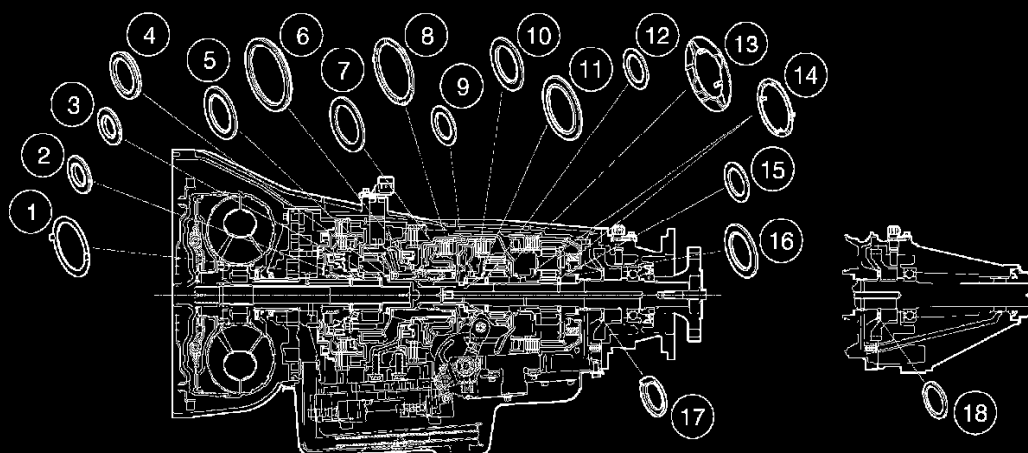
Item	Description
176	Solenoid — directly proportional (VFS) (4 req'd)
177	Solenoid — inversely proportional (VFS) (2 req'd)
178	E-clip — VFS (7 req'd)
179	Wiring harness
180	Bolt — T25 holds wire harness to manifold (2 req'd)
181	Overdrive clutch assembly

Item	Description
182	Coast clutch assembly
183	Intermediate clutch assembly
184	Direct clutch assembly
185	Forward clutch assembly
186	Reverse clutch assembly
187	Extension housing 4x2 (slip yoke)
188	Extension housing 4x4 (fixed yoke)

Transmission, Disassembled View

Bushings, Bearing and Thrust Washer Locator

Bushings, Bearing and Thrust Washer Locator

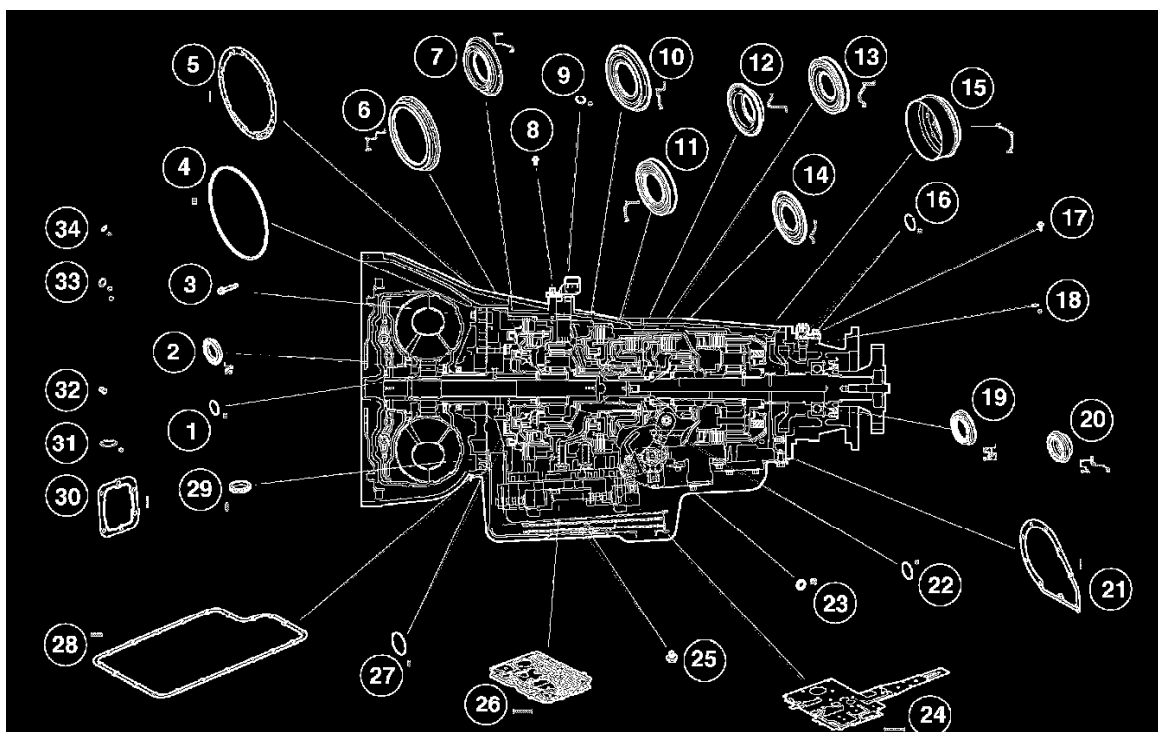


Item	Description
1	Front pump support washer No. 1T
2	Sun gear thrust bearing and race assembly No. 2B and 3B
3	Part of the overdrive carrier
4	Direct clutch bearing and race assembly No. 4B
5	Sun gear thrust bearing and race assembly No 5B
6	Center support thrust washer
7	Intermediate clutch thrust bearing No. 8B
8	Intermediate brake thrust washer
9	Sun gear thrust bearing and race assembly No 10B, 12B, 15B

Item	Description
10	Forward clutch hub thrust washer No. 9T
11	Forward carrier bearing and race assembly No 11B
12	Sun gear thrust bearing and race assembly No 10B, 12B, 15B
13	Forward carrier lube dam
14	Planetary carrier thrust washer
15	Sun gear thrust bearing and race assembly No 10B, 12B, 15B
16	Bearing and race assembly No. 16B
17	Park gear thrust washer (fixed yoke)
18	Park gear thrust bearing (slip yoke)

Seals, Rings and Gasket Locator

Seals, Rings and Gasket Locator



Item	Description
1	Stator support seal
2	Front pump support seal assembly
3	Pump-to-case bolts
4	Front pump seal-to-case
5	Front pump-to-case gasket
6	Overdrive clutch piston
7	Coast clutch piston
8	Sensor-to-case retaining bolt
9	Turbine shaft speed (TSS) and intermediate shaft speed sensor O-ring
10	Intermediate clutch piston
11	Direct clutch piston
12	Direct clutch balance piston
13	Forward clutch piston
14	Forward clutch balance piston
15	Reverse clutch piston

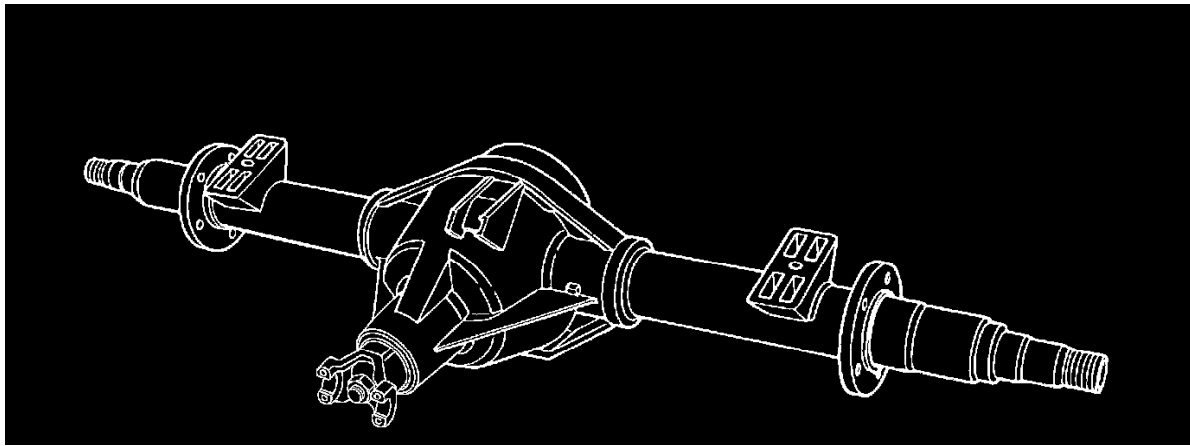
Item	Description
16	Case seal pack Teflon® seals
17	Sensor-to-case retaining bolt
18	Output shaft speed (OSS) sensor O-ring
19	Fixed yoke extension housing seal
20	Slip yoke extension housing seal
21	Extension housing-to-case gasket
22	Forward clutch piston Teflon® seals
23	Manual lever-to-case
24	Solenoid body to case gasket
25	Transmission fluid pan drain plug
26	Manifold-to-ditch plate filter and gasket
27	Coast clutch Teflon® seals

Item	Description
28	Transmission fluid pan-to-case gasket
29	Transmission fluid filter-to-case seal
30	Power take off (PTO) cover gasket

Item	Description
31	Solenoid body bulkhead electrical connector
32	Line pressure pipe plug
33	Cooler line connector O-ring
34	Fluid fill tube-to-stub seal

Dana 80

Rear Drive Axle and Differential



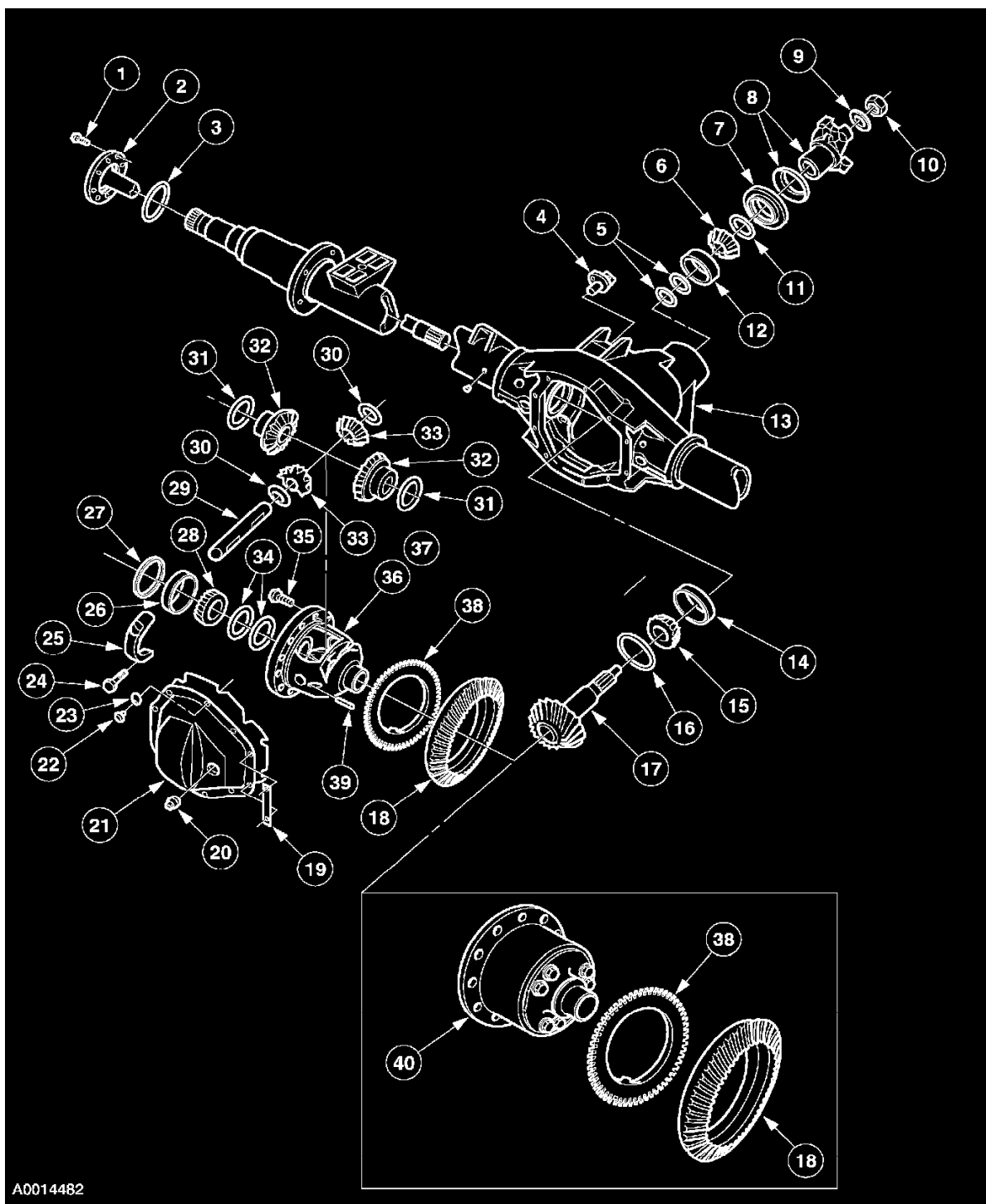
Dana Model 80 Full-Floating Rear Drive Axle

DE1579-B

Item	Description
1	Axle ratio
2	Axle assembly number (prefix letters)

Item	Description
3	Axle assembly number (suffix letters)
4	Dana part number
5	Included for models with limited slip differential

Identification Tag

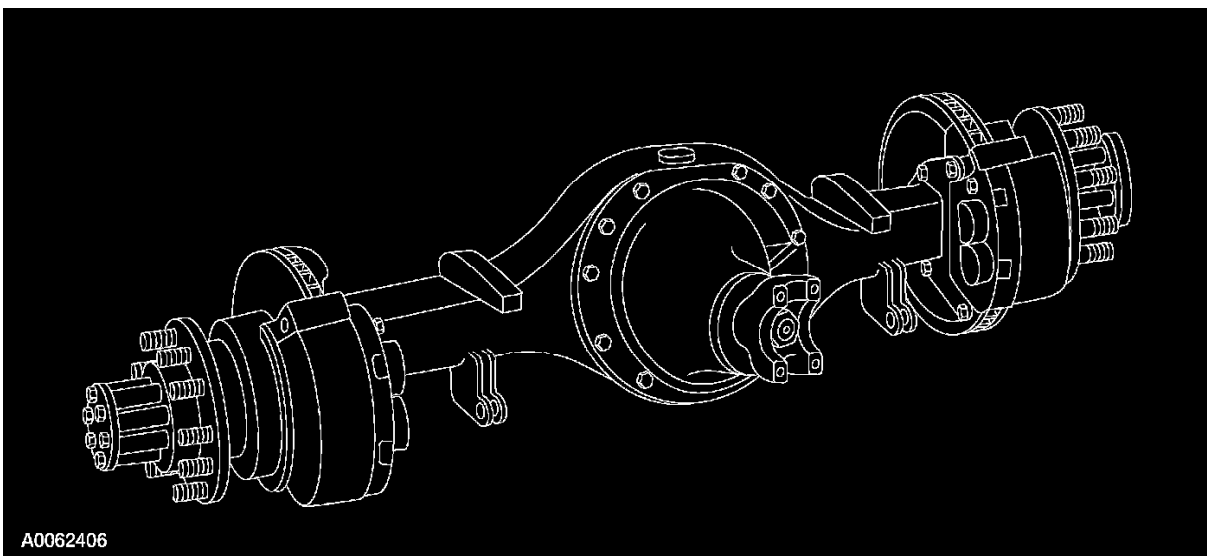


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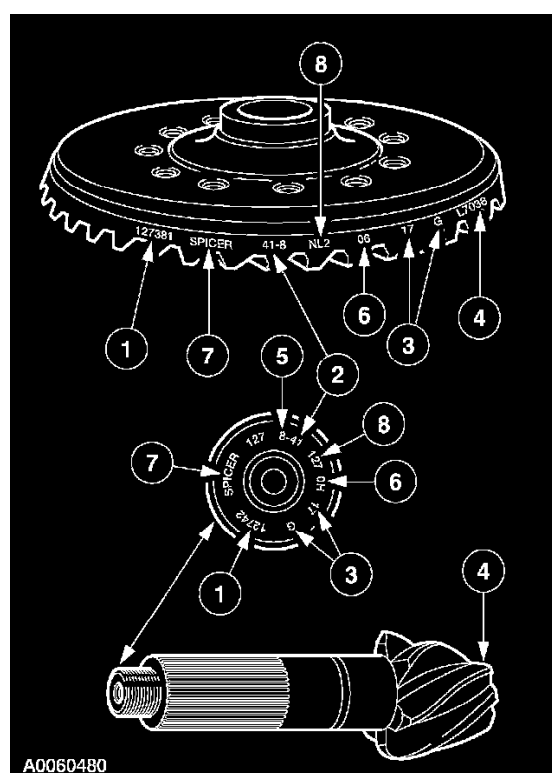
Item	Description
1	Bolt
2	Axle shaft
3	Rear wheel gasket
4	Rear brake anti-lock sensor
5	Drive pinion bearing preload shim
6	Pinion bearing, outer
7	Pinion seal
8	Pinion flange
9	Washer
10	Lock nut
11	Oil slinger
12	Pinion bearing cup, outer
13	Differential housing
14	Pinion bearing cup, inner
15	Pinion bearing, inner
16	Drive pinion position shim
17	Pinion (matched set)
18	Differential ring gear (matched set)
19	Identification tag
20	Fill plug
21	Differential housing cover
22	Cover bolt
23	Brake line clip
24	Bearing cap bolt
25	Bearing cap
26	Differential bearing cup
27	Outboard spacer
28	Differential bearing
29	Differential pinion shaft
30	Differential pinion thrust washer
31	Differential side gear thrust washer
32	Differential side gear

Item	Description
33	Differential pinion gear
34	Differential bearing shim (preload/backlash)
35	Rear axle differential ring gear bolt
36	Differential case (conventional)
37	Differential case Trac-Lok®
38	Anti-lock speed sensor ring
39	Differential pinion shaft lock pin
40	Differential assembly Truetrac® (The Truetrac® differential is a non-repairable unit)

Dana Model 80, Full-Floating Rear Axle, Disassembled View
Dana S110
Rear Drive Axle and Differential

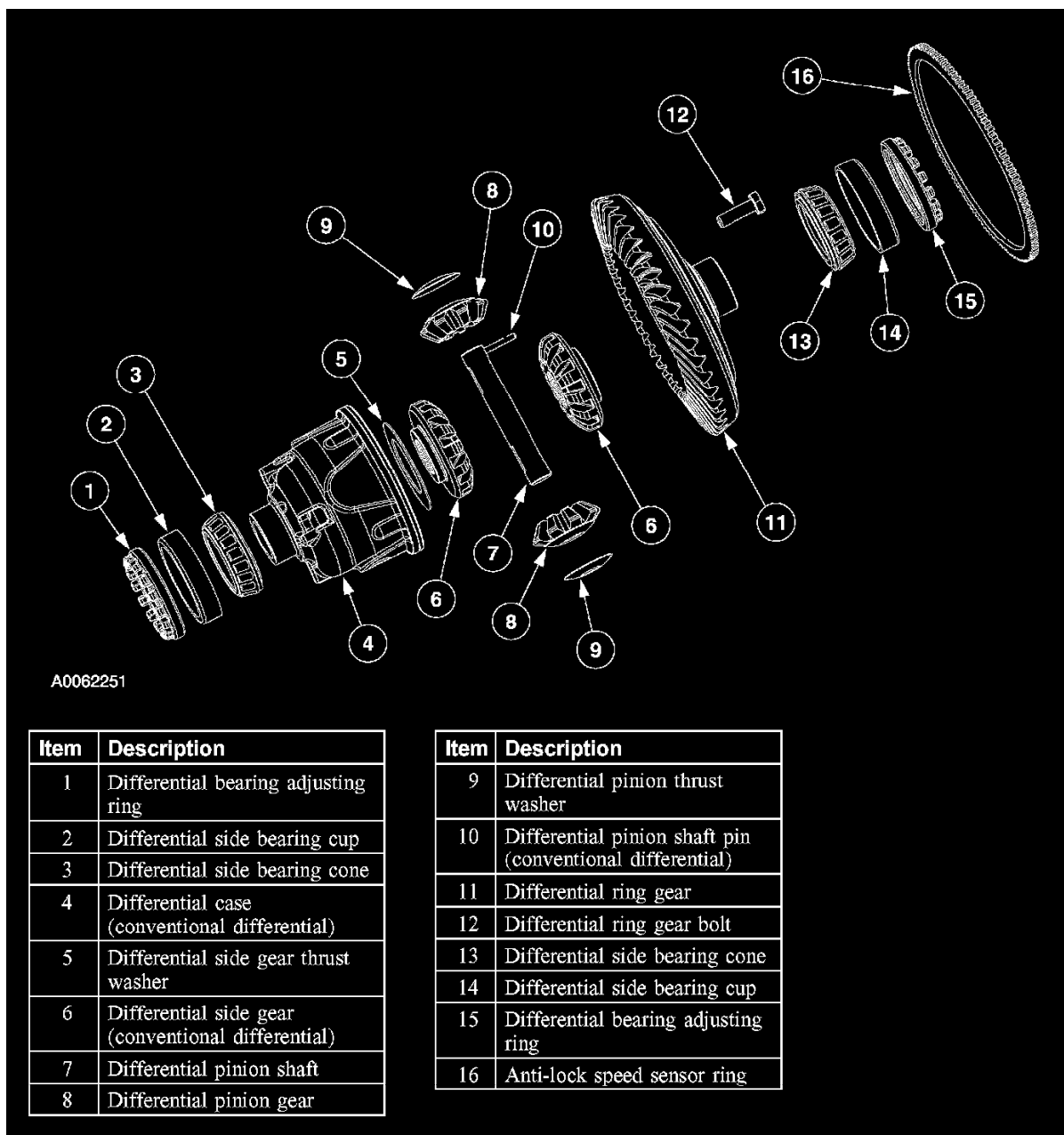


Dana Model S110 Full-Floating Rear Drive Axle

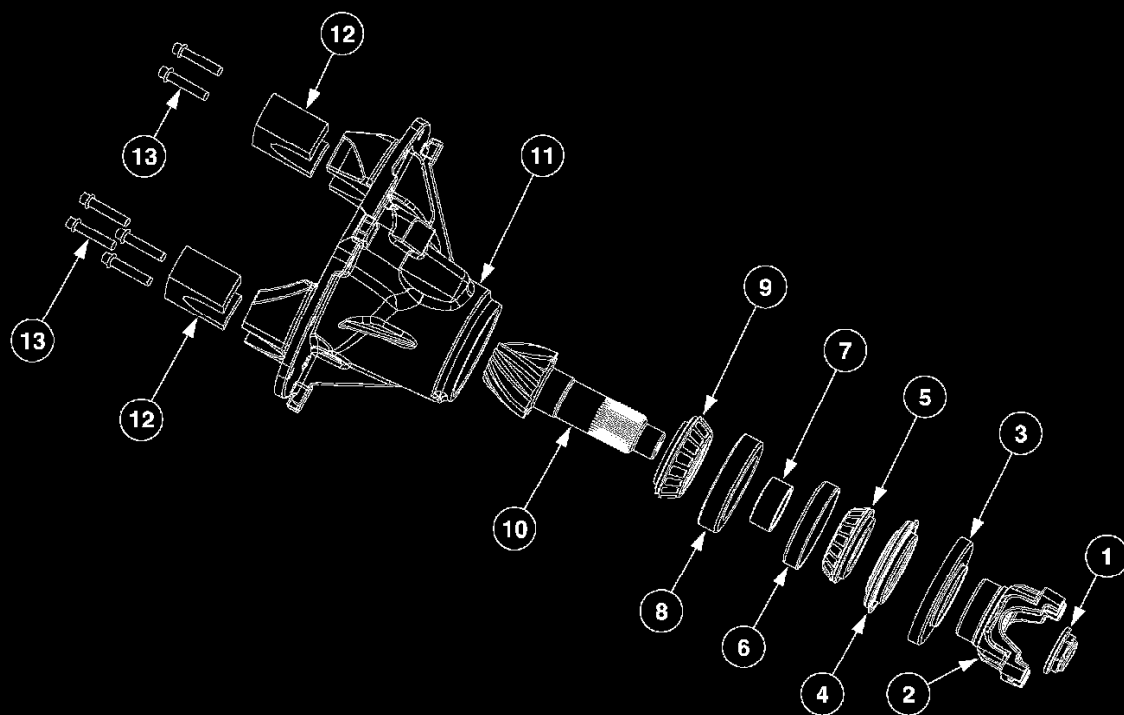


Item	Description
1	Part number
2	Number of ring gear teeth
3	Manufacturing date
4	Matching gear set number
5	Number of pinion teeth
6	Date code
7	Genuine Dana Spicer parts
8	Heat code

Gear Set Identification



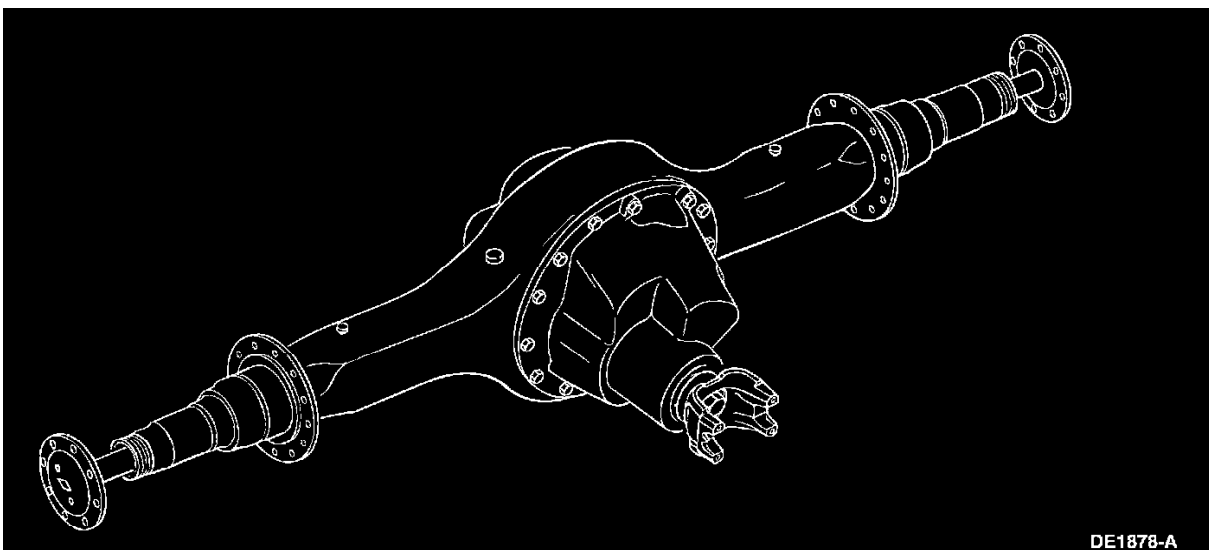
Dana Model S110 Wheel Differential Assembly, Disassembled View



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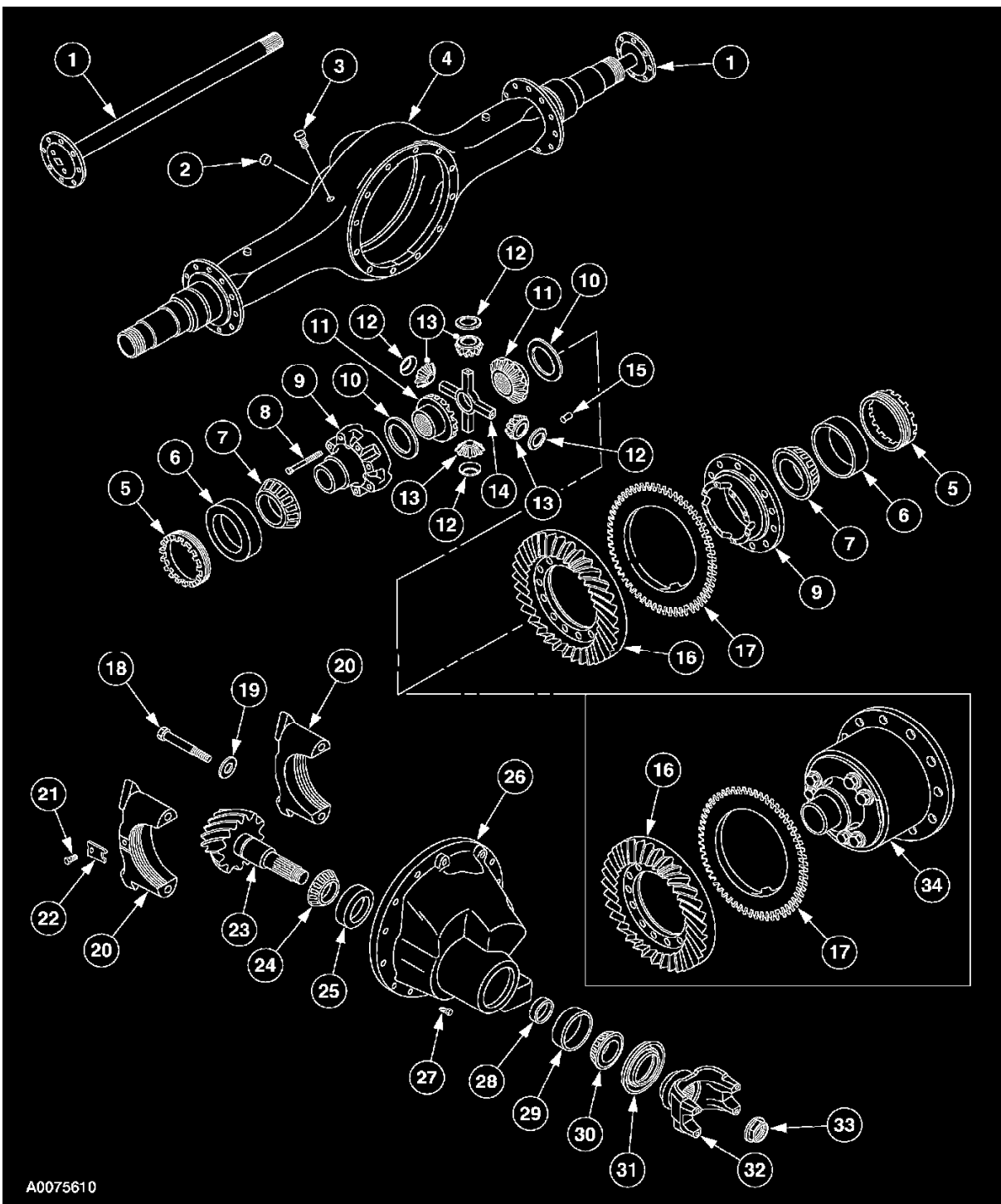
Item	Description
1	Pinion hex nut
2	Pinion yoke
3	Pinion oil seal slinger
4	Pinion oil seal
5	Outer pinion bearing
6	Outer pinion bearing cup
7	Pinion preload spacer (selective)
8	Inner pinion bearing cup
9	Inner pinion bearing
10	Rear axle drive pinion
11	Carrier housing
12	Differential bearing caps
13	Differential bearing cap bolts

Dana S110 Rear Axle Pinion Assembly, Disassembled View
Dana S135
Exploded Views



DE1878-A

Dana Model S135 Full-Floating Rear Drive Axle



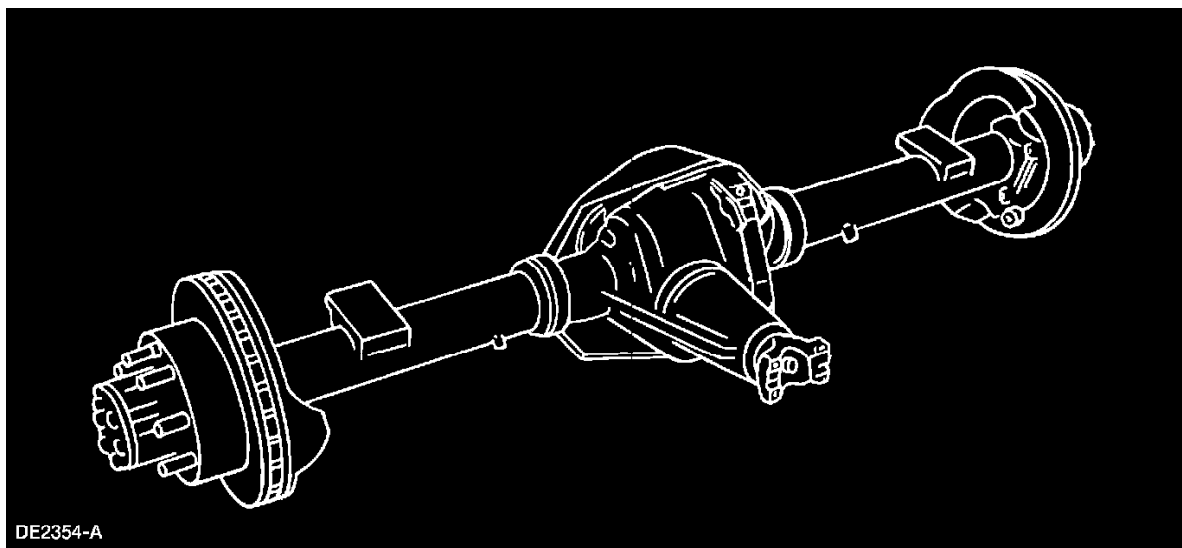
Item	Description
1	Axle shaft
2	Fill plug
3	Breather
4	Differential housing
5	Differential bearing adjusting ring
6	Differential side bearing cup
7	Differential side bearing cone
8	Differential case bolt
9	Differential case half (conventional differential)
10	Thrust washer (conventional differential)
11	Differential side gear (conventional differential)
12	Thrust washer (conventional differential)
13	Differential pinion mate (conventional differential)
14	Differential cross shaft (conventional differential)
15	Differential ring gear rivet
16	Differential ring gear (matched set)
17	Anti-lock speed sensor ring
18	Differential bearing cup bolt
19	Washer
20	Differential bearing cap
21	Adjusting ring lock bolt

Item	Description
22	Adjusting ring lock
23	Pinion (matched set)
24	Pinion bearing cone, inner
25	Pinion bearing cup, inner
26	Carrier housing
27	Carrier mounting bolt
28	Pinion preload spacer (selective)
29	Pinion bearing cup, outer
30	Pinion bearing cone, inner
31	Pinion seal
32	Pinion flange
33	Pinion hex nut
34	Differential assembly (Truetrac®)

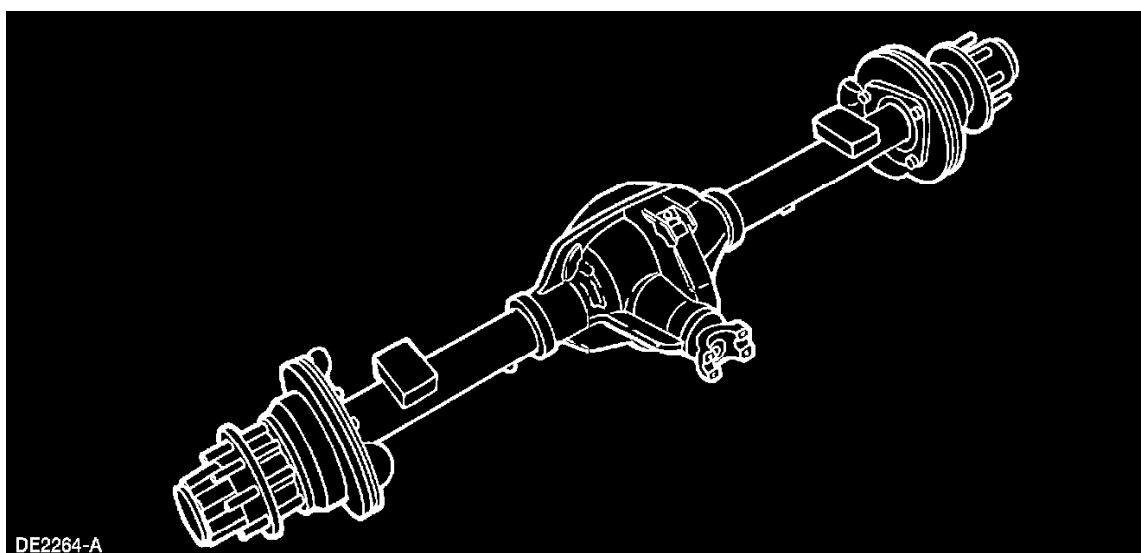
Dana Model S135 Full-Floating Rear Axle, Disassembled View

Ford 10.50-Inch Ring Gear

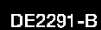
Rear Drive Axle and Differential



Ford 10.50-Inch Axle, Single Rear Wheel

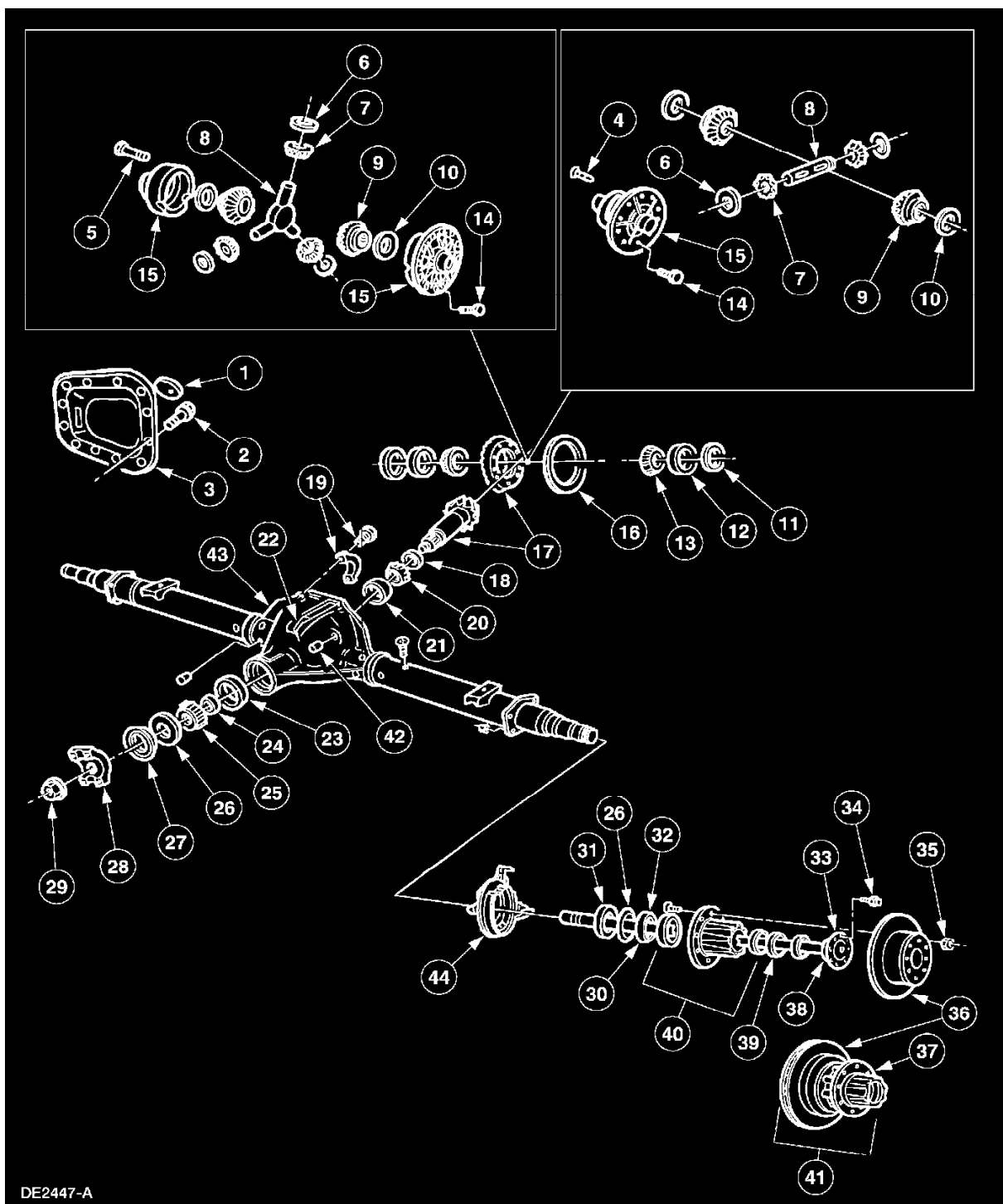


Ford 10.50-Inch Axle, Dual Rear Wheel



Item	Description	Item	Description
1	Rear axle identification tag	24	Collapsible spacer
2	Differential housing cover bolt	25	Pinion bearing (outer)
3	Differential housing cover	26	Rear axle drive pinion shaft oil slinger
4	Differential pinion shaft lock bolt	27	Rear axle drive pinion seal
5	Differential case bolt	28	Pinion flange
6	Differential pinion thrust washer	29	Pinion nut
7	Differential pinion gear	30	Rear wheel bearing inner cone and roller
8	Differential pinion shaft	31	Wheel bearing oil seal
9	Differential side gear	32	Lug bolt
10	Differential side gear thrust washer	33	Axle shaft
11	Differential bearing shim	34	Axle shaft nut
12	Differential bearing cup	35	Lug nut
13	Differential bearing	36	Rear disc brake rotor
14	Ring gear bolt	37	Rear hub
15	Differential case	38	Gasket
16	Anti-lock speed sensor ring	39	Bearing
17	Ring gear and pinion	40	Hub and bearing cup
18	Drive pinion bearing adjustment shim	41	Rear brake hub and drum (DRW only)
19	Bearing cap and bolt	42	Differential clutch pack
20	Pinion bearing— (inner)	43	Rear axle differential clutch shim
21	Inner axle pinion bearing cup	44	Differential clutch spring
22	RABS sensor	45	Filler plug
23	Outer pinion bearing cup	46	Rear axle housing
		47	Brake adapter plate

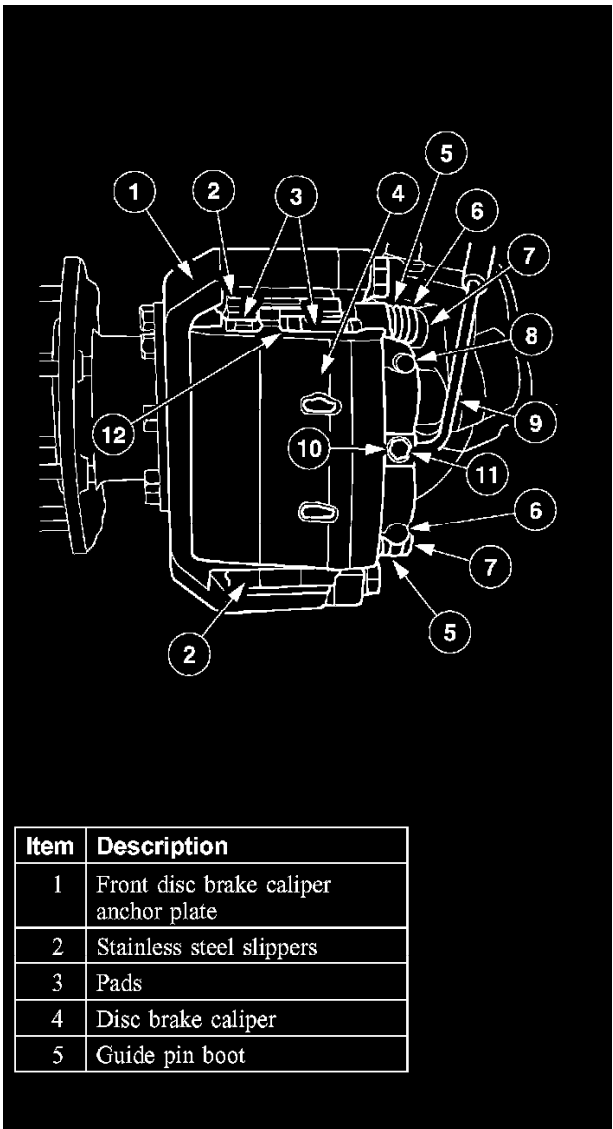
Rear Axle - 10.50-Inch Ring Gear, Traction-Lok



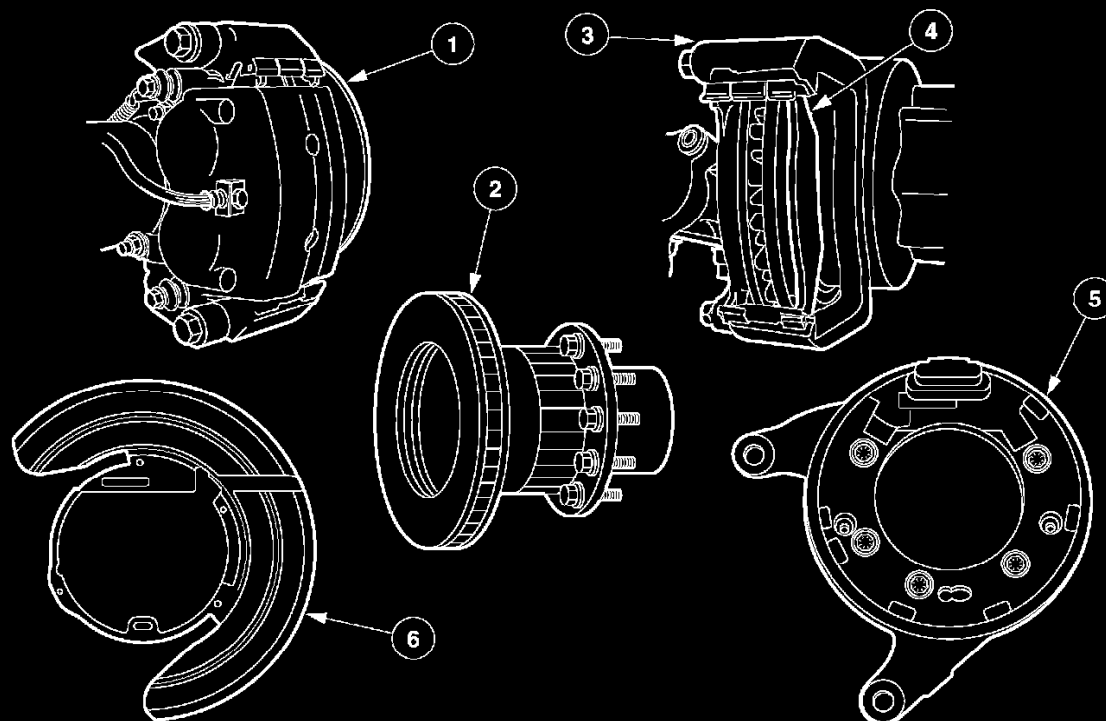
Item	Description
1	Rear axle identification tag
2	Differential housing cover bolt
3	Differential housing cover
4	Differential pinion shaft lock bolt
5	Differential case bolt
6	Differential pinion thrust washer
7	Differential pinion gear
8	Differential pinion shaft
9	Differential side gear
10	Differential side gear thrust washer
11	Differential bearing shim
12	Differential bearing cup
13	Differential bearing
14	Ring gear bolt
15	Differential case
16	Anti-lock speed sensor ring
17	Ring gear and pinion
18	Drive pinion bearing adjustment shim
19	Bearing cap and bolt (part of 4010)
20	Pinion bearing— (inner)
21	Inner axle pinion bearing cup
22	RABS sensor
23	Outer pinion bearing cup
24	Collapsible spacer
25	Pinion bearing (outer)
26	Rear axle drive pinion shaft oil slinger
27	Rear axle drive pinion seal
28	Pinion flange
29	Pinion nut
30	Rear wheel bearing inner cone and roller
31	Wheel bearing oil seal
32	Lug bolt

Item	Description
33	Axle shaft
34	Axle shaft nut
35	Lug nut
36	Rear disc brake rotor
37	Rear hub
38	Gasket
39	Bearing
40	Hub and bearing cup
41	Rear brake hub and drum (DRW only)
42	Filler plug
43	Rear axle housing
44	Brake adapter plate

Rear Axle - 10.50-Inch Ring Gear, Conventional



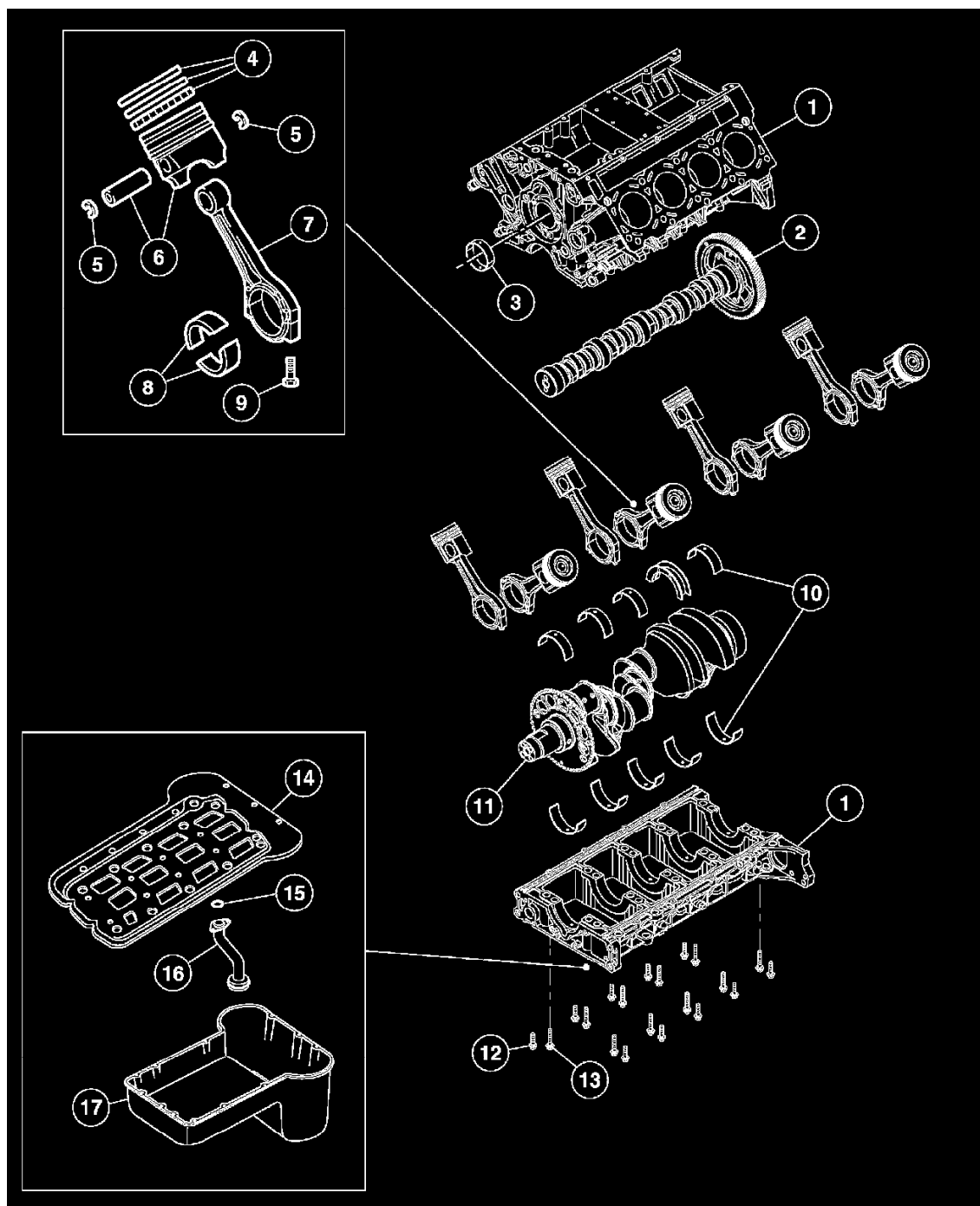
Item	Description
6	Guide pin
7	Caliper bolt
8	Bleeder screw and bleeder screw cap assembly
9	Front brake hose
10	Brass washer
11	Flow bolt
12	Front disc brake rotor



Item	Description
1	Rear disc brake caliper
2	Rear disc brake rotor and hub assembly
3	Rear disc brake caliper anchor plate
4	Brake pads
5	Rear wheel disc brake adapter
6	Rear wheel disc brake shield

Crankshaft, Camshaft and Piston

6.0L Crankshaft, Camshaft and Piston

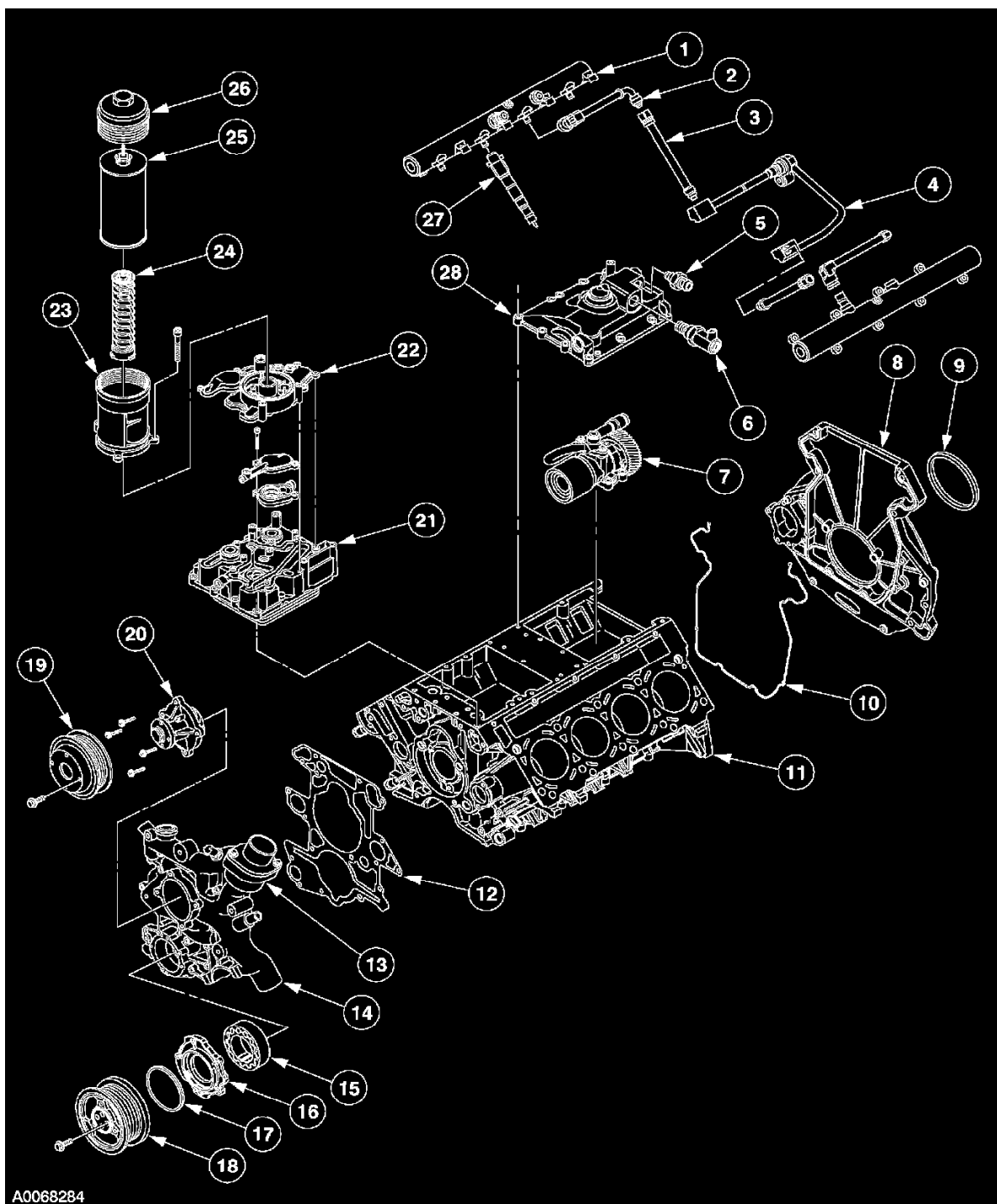


Item	Description
1	Cylinder block assembly
2	Camshaft assembly
3	Camshaft bearing kit
4	Piston ring kit
5	Piston pin retaining ring
6	Piston pin and piston
7	Connecting rod and cap assembly
8	Connecting rod bearing kit
9	Connecting rod bolt
10	Crankshaft bearing kit

Item	Description
11	Crankshaft assembly
12	Main bearing bolt, M14 x 2 x 114.5
13	Main bearing bolt, M14 x 2 x 127.5
14	Upper oil pan assembly
15	Oil pump cover-to-inlet tube flange O-ring seal
16	Oil pump screen cover and tube
17	Lower oil pan assembly

Early Build

6.0L Front Cover, Rear Cover and Oil Components - Early Build

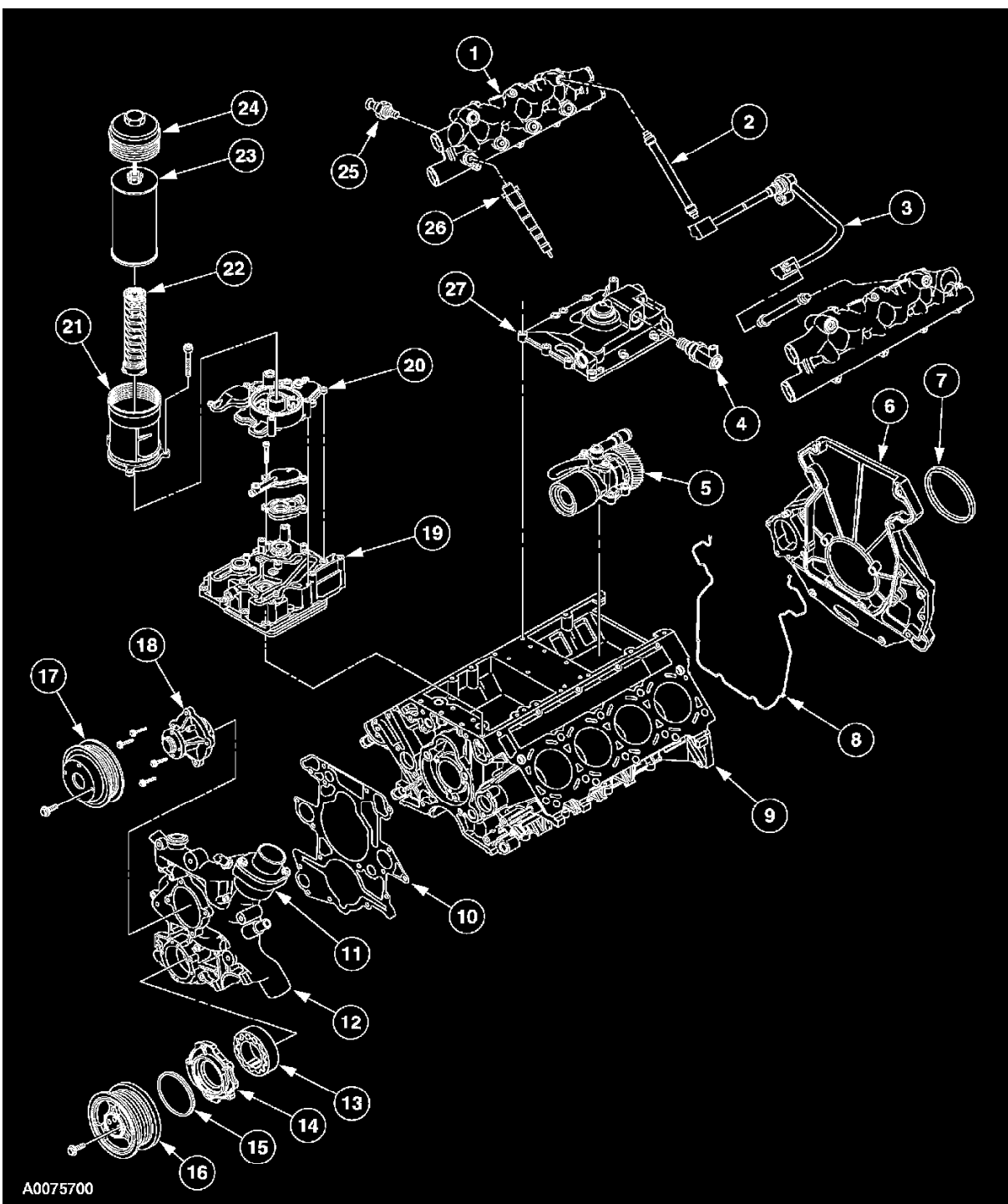


Item	Description
1	Fuel injector manifold assembly
2	Fuel tube connector hose
3	Crankcase-to-head tube assembly
4	Rear engine tube assembly
5	Injection control pressure (ICP) sensor
6	Injection pressure regulator valve
7	Fuel injector pump assembly
8	Engine rear cover assembly
9	Crankshaft rear oil seal assembly
10	Engine rear cover gasket
11	Cylinder block assembly
12	Cylinder front cover gasket
13	Water thermostat assembly
14	Cylinder front cover assembly

Item	Description
15	Oil pump drive rotor and shaft assembly
16	Oil pump body
17	Crankcase front oil seal
18	Crankshaft vibration damper assembly
19	Water pump pulley assembly
20	Water pump assembly
21	Crankcase oil cooler cover with oil cooler
22	Oil filter adapter assembly
23	Engine oil filter and adapter assembly
24	Oil filter outlet tube assembly
25	Oil filter assembly
26	Oil filter cap assembly
27	Fuel injector nozzle assembly
28	Fuel pump cover

Late Build

6.01L Front Cover, Rear Cover and Oil Components - Late Build

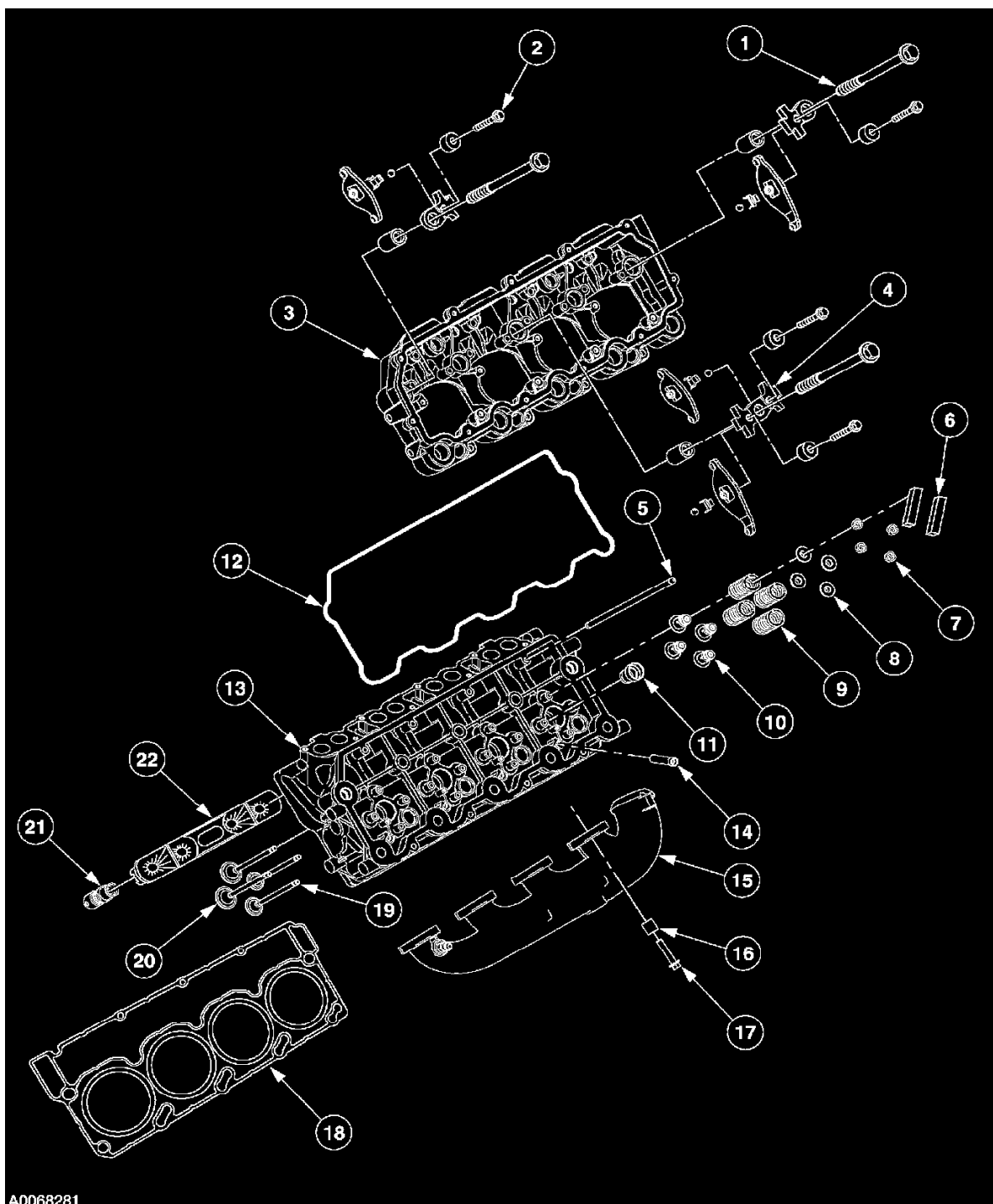


Item	Description
1	Fuel injector manifold assembly
2	Crankcase-to-head tube assembly
3	Rear engine tube assembly
4	Injection pressure regulator valve
5	Fuel injector pump assembly
6	Engine rear cover assembly
7	Crankshaft rear oil seal assembly
8	Engine rear cover gasket
9	Cylinder block assembly
10	Cylinder front cover gasket
11	Water thermostat assembly
12	Cylinder front cover assembly
13	Oil pump drive rotor and shaft assembly

Item	Description
14	Oil pump body
15	Crankcase front oil seal
16	Crankshaft vibration damper
17	Water pump pulley assembly
18	Water pump assembly
19	Crankcase oil cooler cover with oil cooler
20	Oil filter adapter assembly
21	Engine oil filter and adapter assembly
22	Oil filter outlet tube assembly
23	Oil filter assembly
24	Oil filter cap assembly
25	Injection control pressure (ICP) sensor
26	Fuel injector nozzle assembly
27	Fuel pump cover

Front Cylinder Head and Rocker Arm Carrier

6.0L Front Cylinder Head and Rocker Arm Carrier



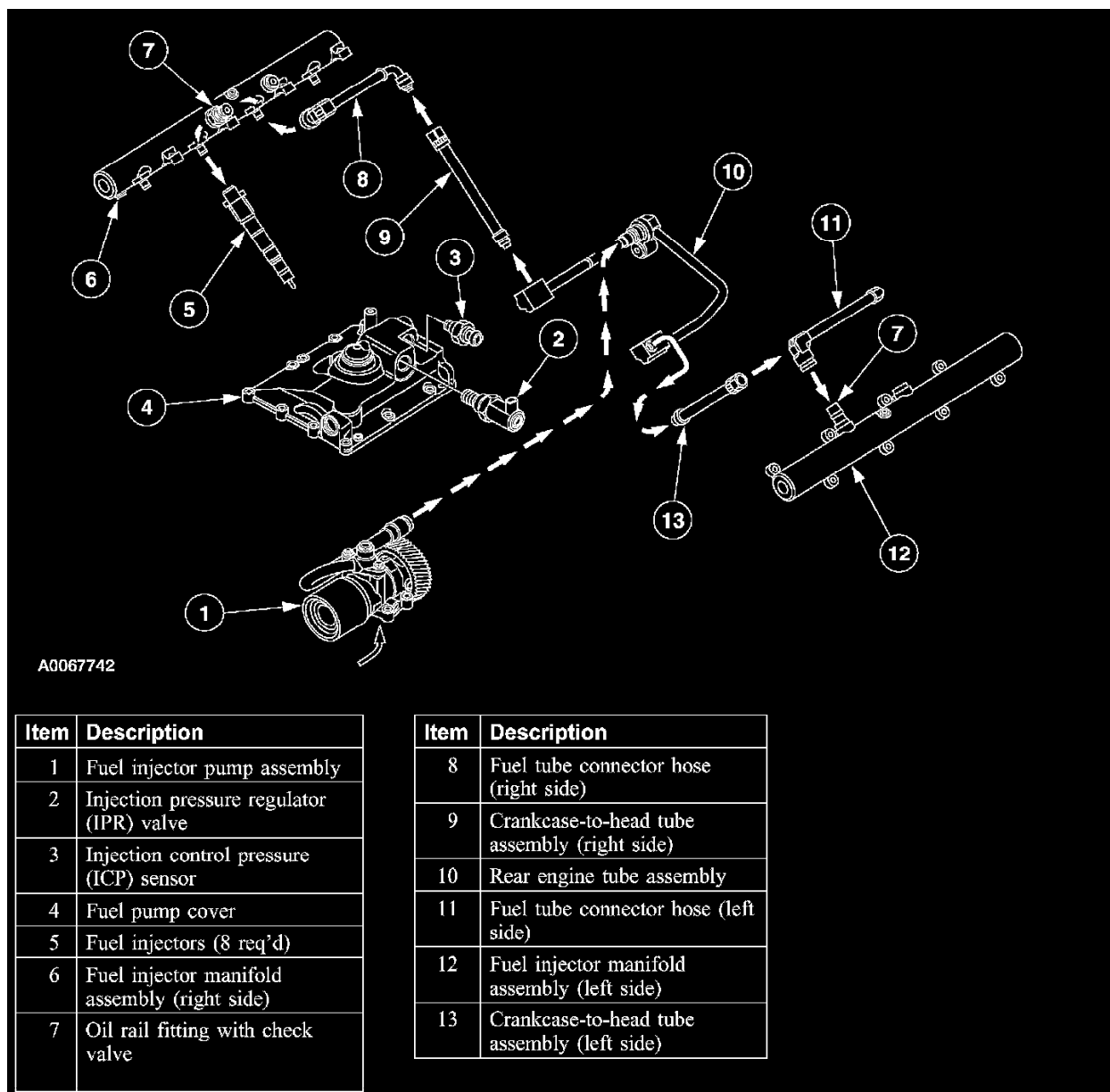
A0068281

Item	Description
1	Cylinder head bolt
2	Valve rocker arm shaft support bolt
3	Engine rocker arm carrier
4	Valve rocker arm fulcrum assembly
5	Valve push rod assembly
6	Valve rocker bridge
7	Valve spring retainer key
8	Valve spring retainer
9	Valve spring
10	Valve stem seal
11	Fuel injector nozzle sleeve

Item	Description
12	Valve rocker arm cover gasket
13	Cylinder head assembly
14	Glow plug sleeve
15	Exhaust manifold
16	Exhaust manifold-to-cylinder head spacer
17	Exhaust flange bolt
18	Cylinder head gasket
19	Exhaust valve
20	Intake valve
21	Valve tappet assembly
22	Crankcase cam guide

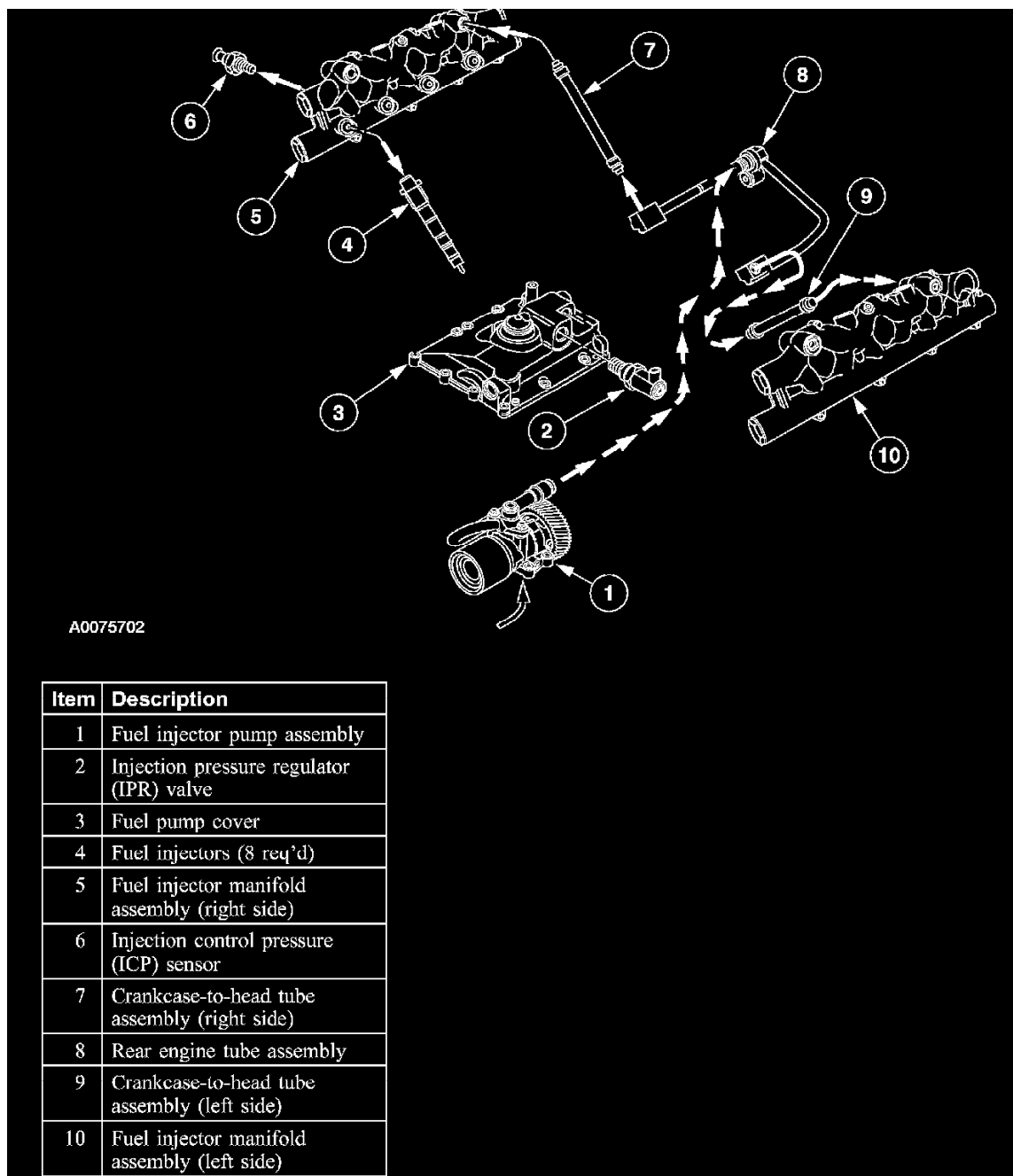
High-Pressure

Lubrication System - High-Pressure - Early Build



High-Pressure Oil Flow

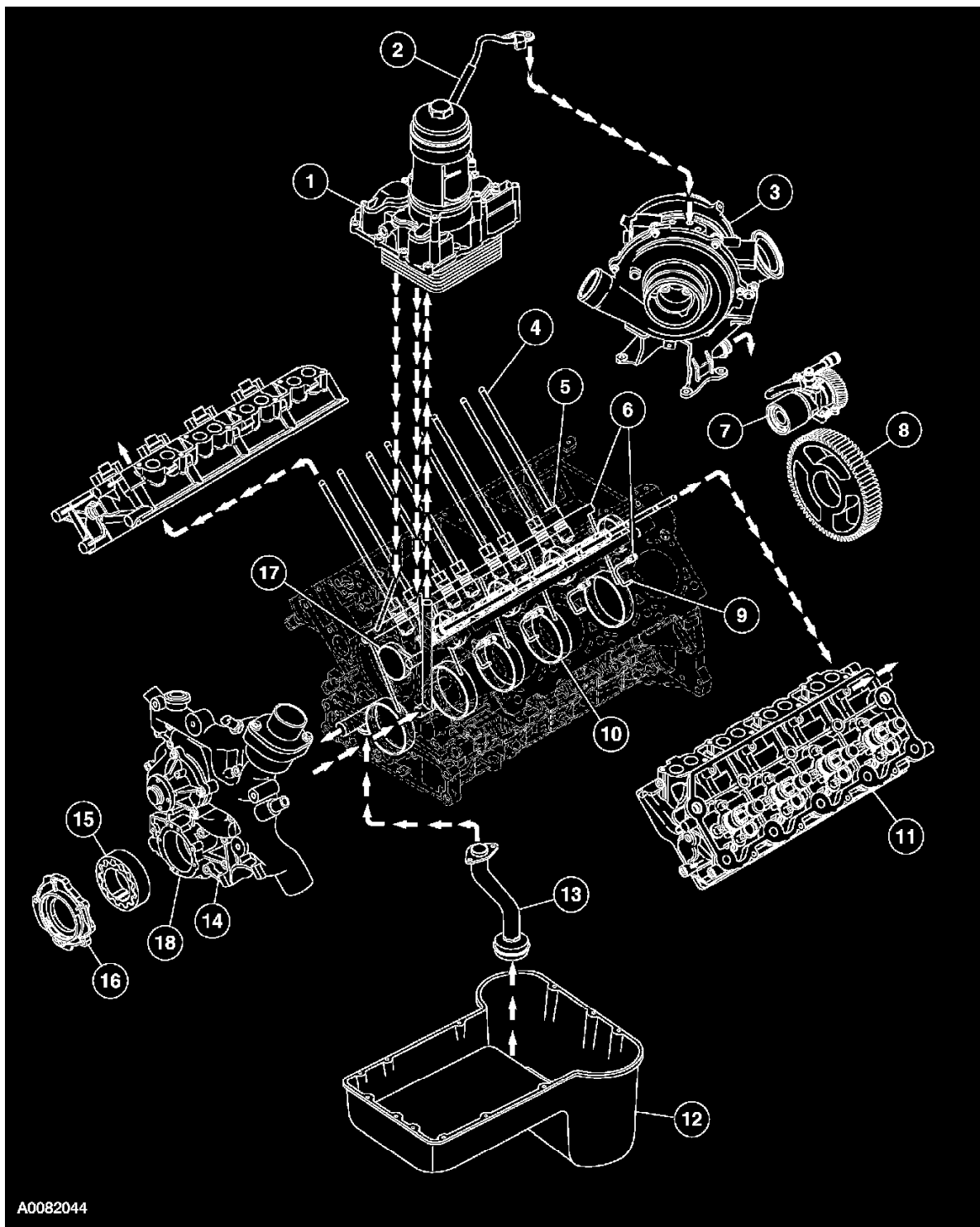
Lubrication System - High-Pressure - Late Build



High-Pressure Oil Flow

Low-Pressure

Lubrication System - Low-Pressure

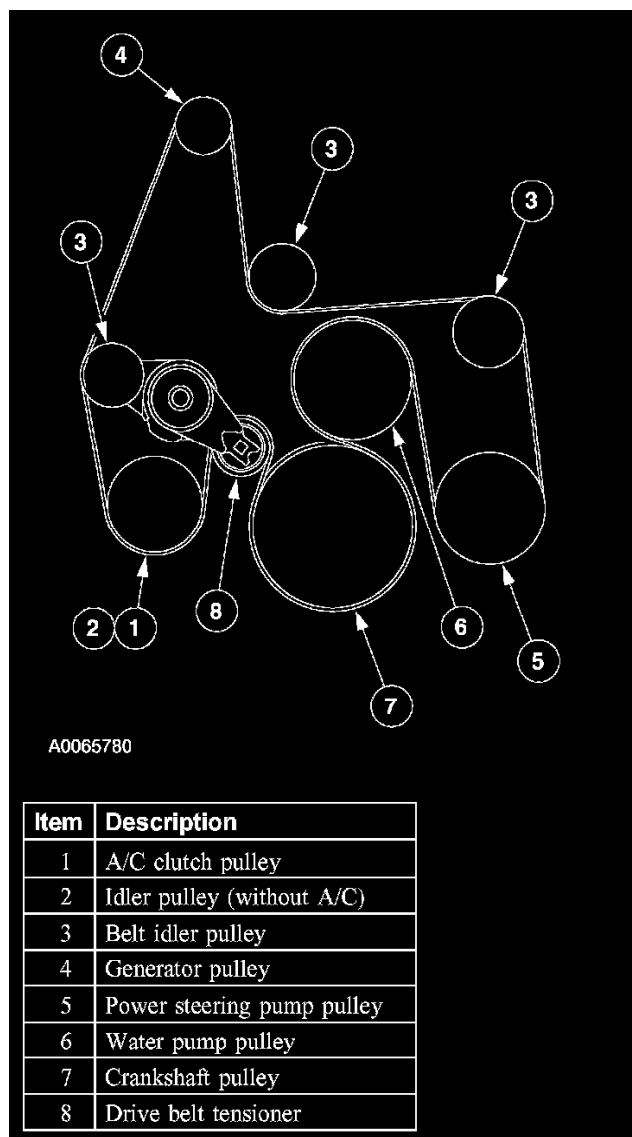


Item	Description
1	Crankcase oil cooler cover with oil cooler
2	Turbocharger oil supply tube
3	Turbocharger
4	Push rod
5	Valve tappet
6	Main lube oil galleries
7	High pressure oil pump
8	Camshaft gear
9	Piston cooling jet
10	Main bearings
11	Cylinder head
12	Lower oil pan
13	Oil pickup tube
14	Front cover assembly
15	Oil pump drive rotor and shaft assembly
16	Oil pump body
17	Camshaft bushing
18	Oil pressure regulator valve assembly

Low-Pressure Oil Flow

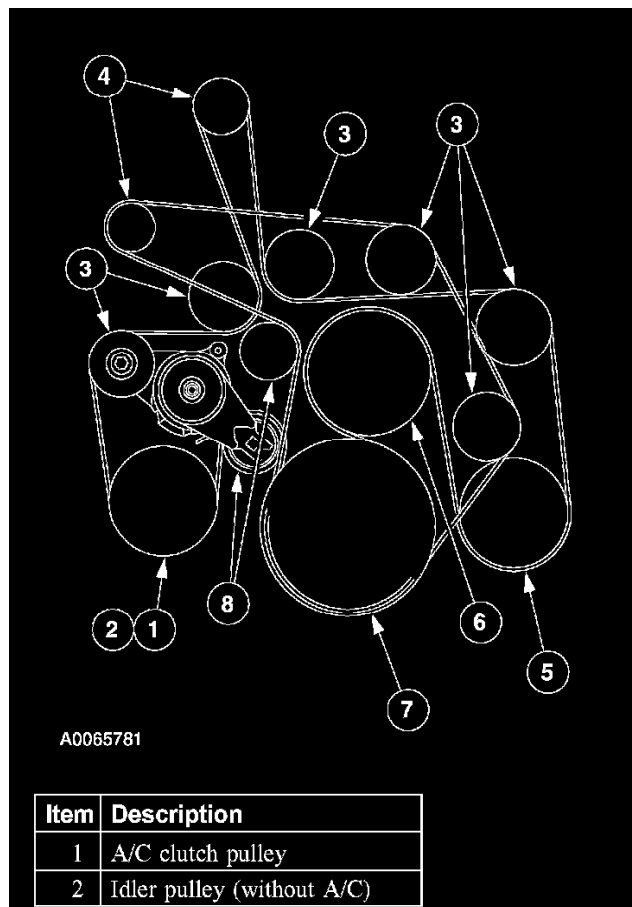
Diesel Engine Single Generator

Accessory Drive- 6.0L Diesel Engine Single Generator



Diesel Engine Dual Generator

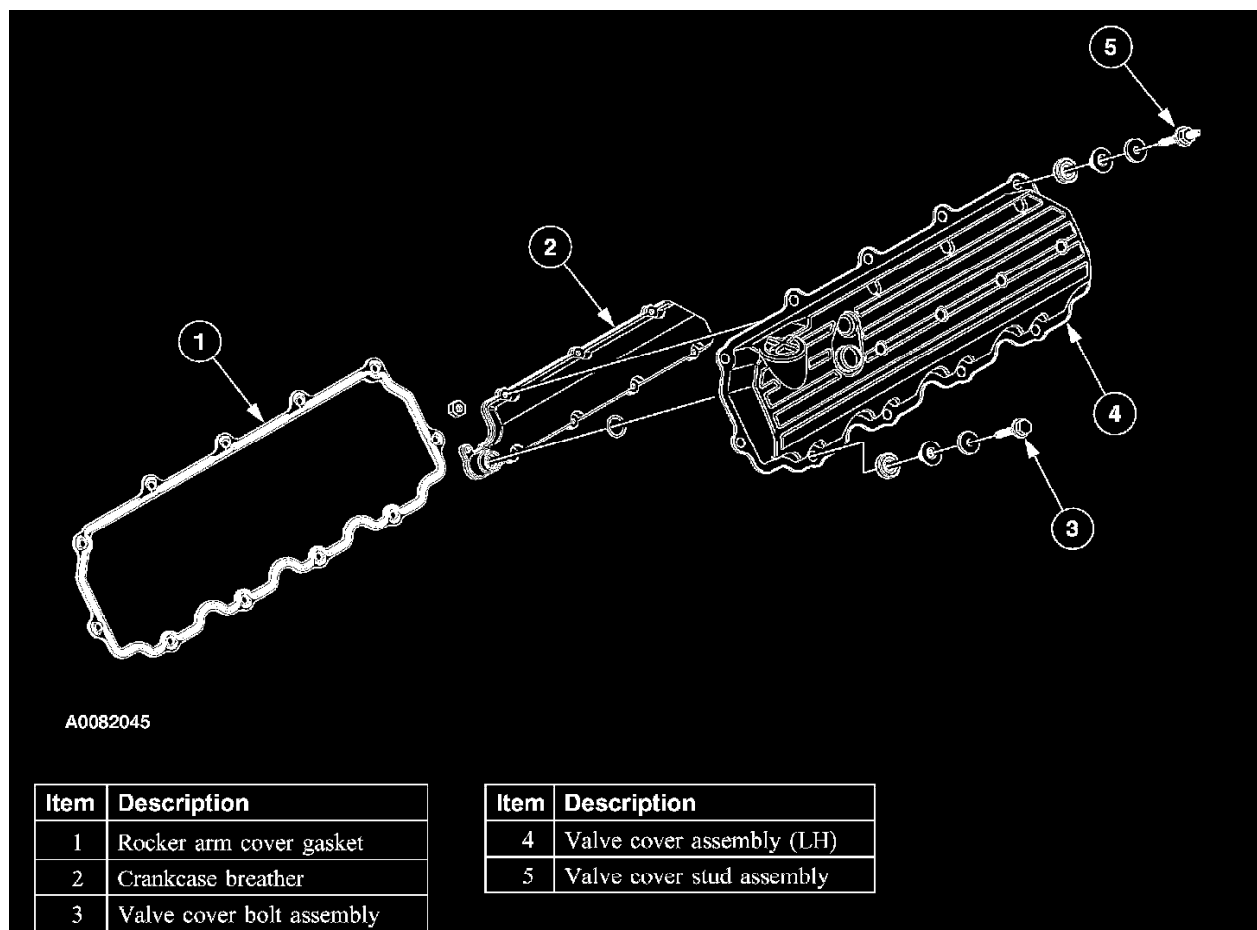
Accessory Drive -6.0L Diesel Engine Dual Generator



Item	Description
3	Belt idler pulley
4	Generator pulley
5	Power steering pump pulley
6	Water pump pulley
7	Crankshaft pulley
8	Drive belt tensioner

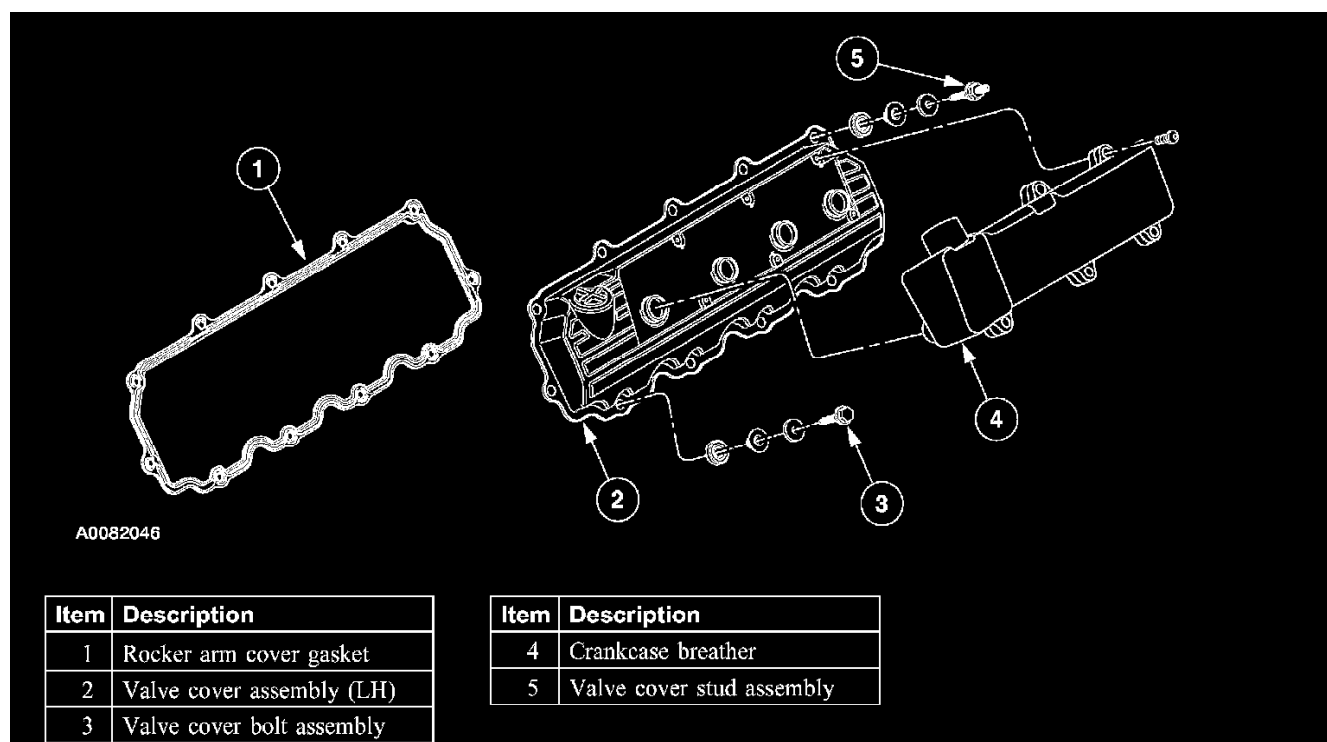
Early Build

6.0L Valve Cover- Early Build



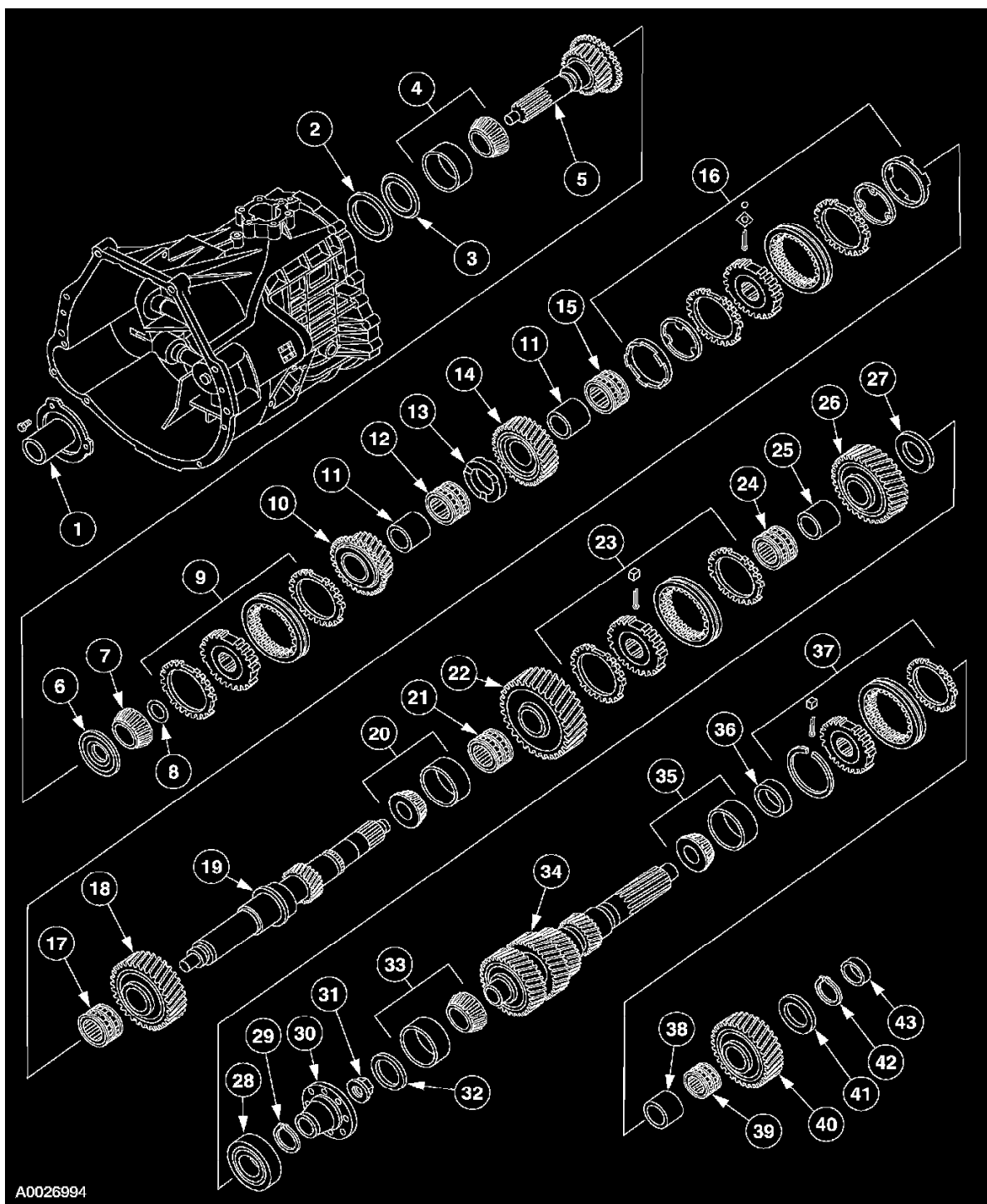
Late Build

6.0L Valve Cover- Late Build



Manual Transmission/Transaxle

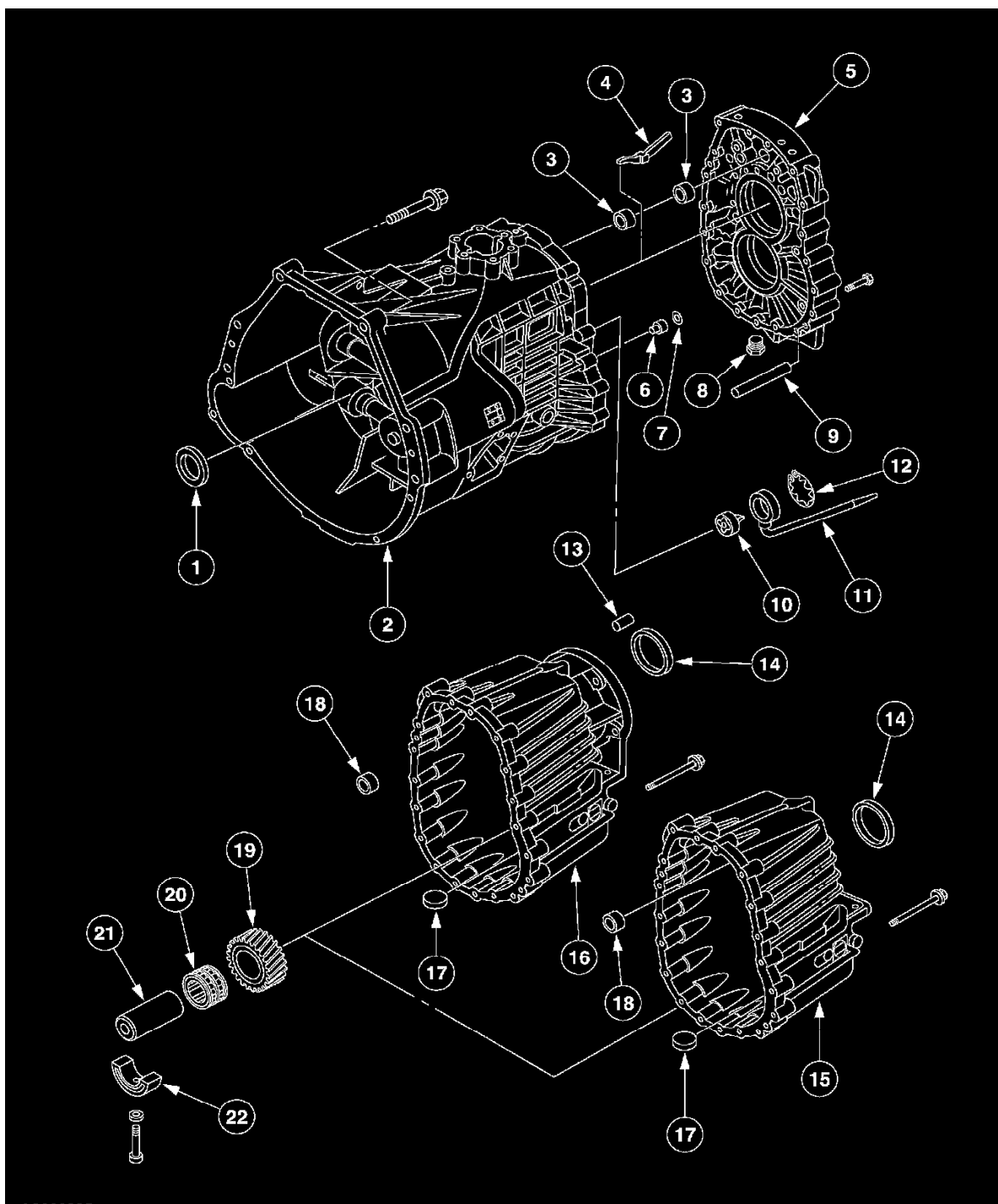
Disassembled View



Item	Description
1	Guide tube
2	Input shaft shim (selective fit)
3	Input shaft oil dam bearing ring
4	Input shaft bearing and bearing cup
5	Input shaft
6	Input shaft rear oil dam
7	Input shaft pocket bearing
8	Snap ring kit
9	Synchronizer assembly, third and fourth gear
10	Mainshaft third gear
11	Mainshaft second and third gear bushing
12	Mainshaft needle bearing
13	Mainshaft second gear thrust ring
14	Mainshaft second gear
15	Mainshaft needle bearing
16	Synchronizer assembly, first and second gear
17	Mainshaft needle bearing
18	Mainshaft first gear
19	Mainshaft
20	Mainshaft middle bearing and bearing cup
21	Mainshaft needle bearing
22	Mainshaft low gear
23	Synchronizer assembly, low and reverse gear

Item	Description
24	Mainshaft reverse and low gear bearing
25	Mainshaft reverse gear bushing
26	Mainshaft reverse gear
27	Output bearing thrust washer
28	Mainshaft rear bearing
29	Snap ring kit
30	Transmission flange (4x2 vehicles)
31	Transmission flange lock nut (4x2 vehicles)
32	Countershaft shim (selective fit)
33	Countershaft front bearing and bearing cup
34	Countershaft
35	Countershaft middle bearing and bearing cup
36	Countershaft rear bearing spacer
37	Synchronizer assembly, countershaft fifth gear
38	Countershaft bushing
39	Countershaft needle bearing
40	Countershaft fifth gear
41	Countershaft rear thrust washer
42	Snap ring kit
43	Countershaft rear bearing

Transmission Internal Components-Disassembled View

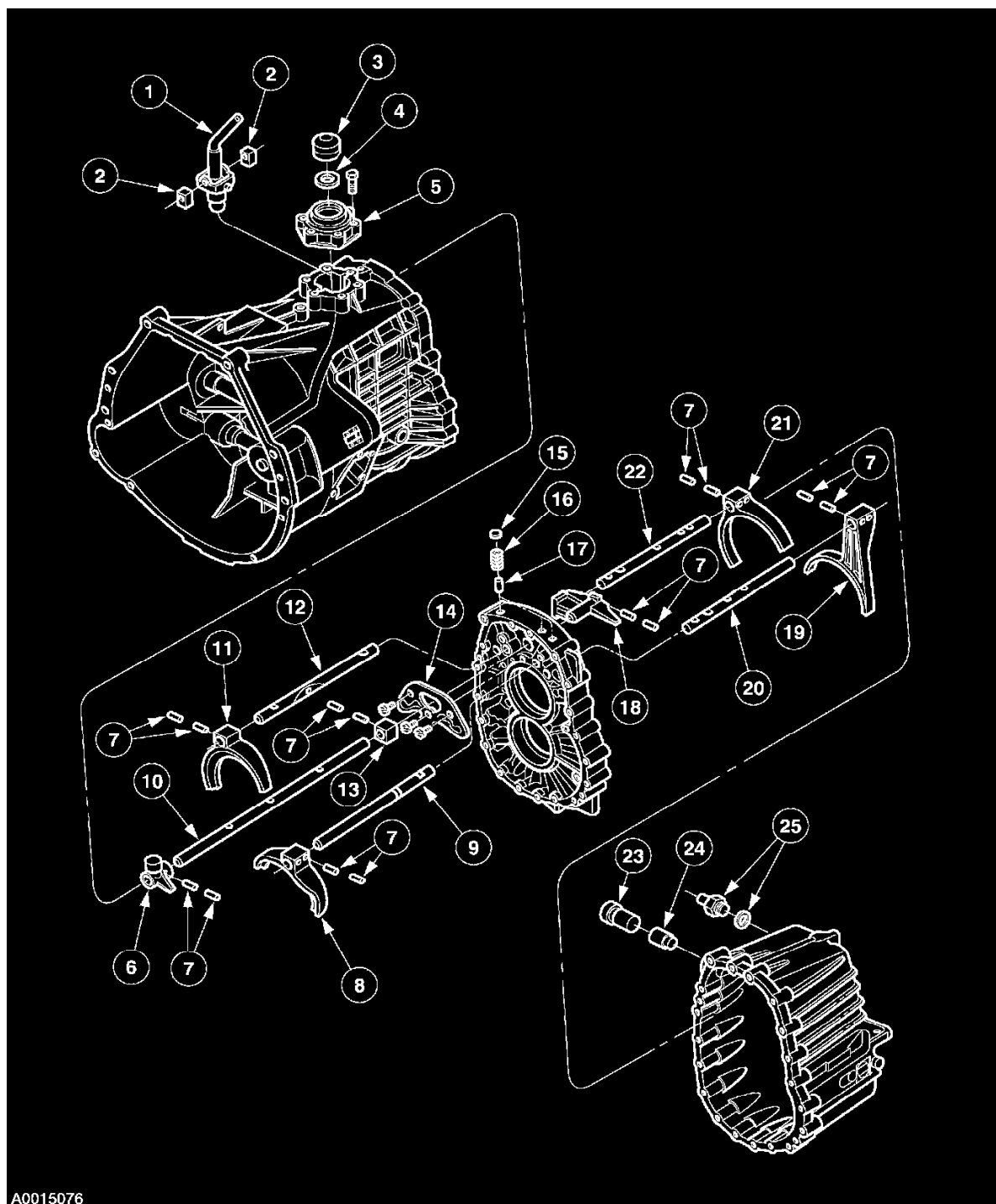


A0006005

Item	Description
1	Input oil seal
2	Main case
3	Shift rail bearing
4	Oil trough
5	Middle case
6	Check valve
7	Check valve snap ring
8	Drain plug
9	Dowel pin
10	Oil pump body
11	Oil pump housing
12	Oil pump snap ring

Item	Description
13	Dowel pin
14	Output seal
15	Extension housing (4x2 vehicles)
16	Extension housing (4x4 vehicles)
17	Magnet
18	Shift rail bearing
19	Reverse idler gear
20	Reverse idler bearing
21	Reverse idler shaft
22	Reverse idler shaft support

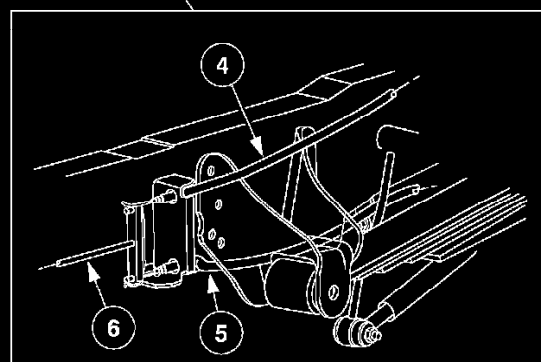
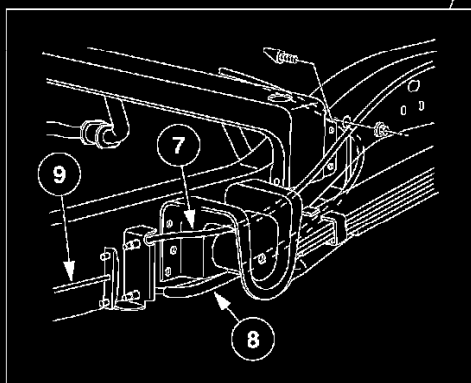
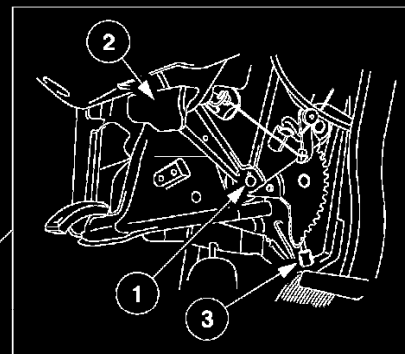
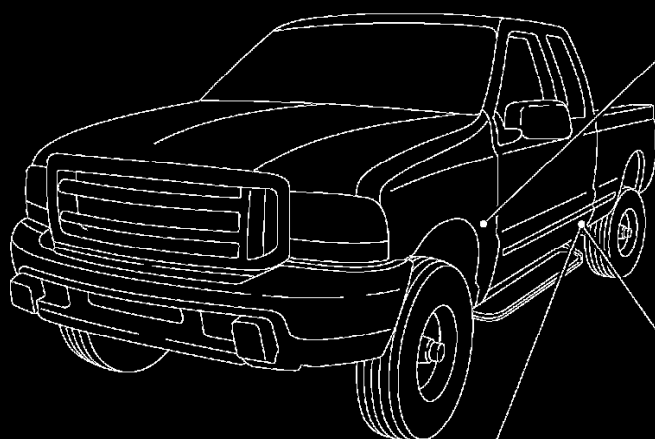
Transmission Internal Components-Disassembled View



A0015076

Item	Description
1	Shift lever (lower)
2	Shift lever blocks
3	Shift lever boot
4	Inner shift lever boot ring
5	Shift housing
6	Shift finger
7	Roll pin (double)
8	Shift fork (first and second)
9	Shift rail
10	Main shift rail
11	Shift fork (third and fourth)
12	Shift rail
13	Shift position block
14	Shift interlock plate
15	Detent plugs
16	Detent springs
17	Shift rail detents
18	Main shift rail driver
19	Shift fork (fifth)
20	Shift rail
21	Shift fork (low and reverse)
22	Shift rail
23	Main shift detent
24	Detent plunger
25	Reverse lamp switch

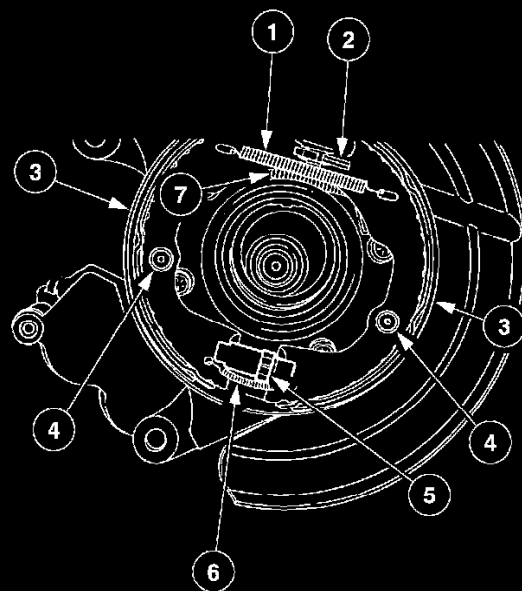
Transmission Shift Components - Disassembled View



Item	Description
1	Parking brake control
2	Parking brake release handle
3	Front parking brake cable and conduit

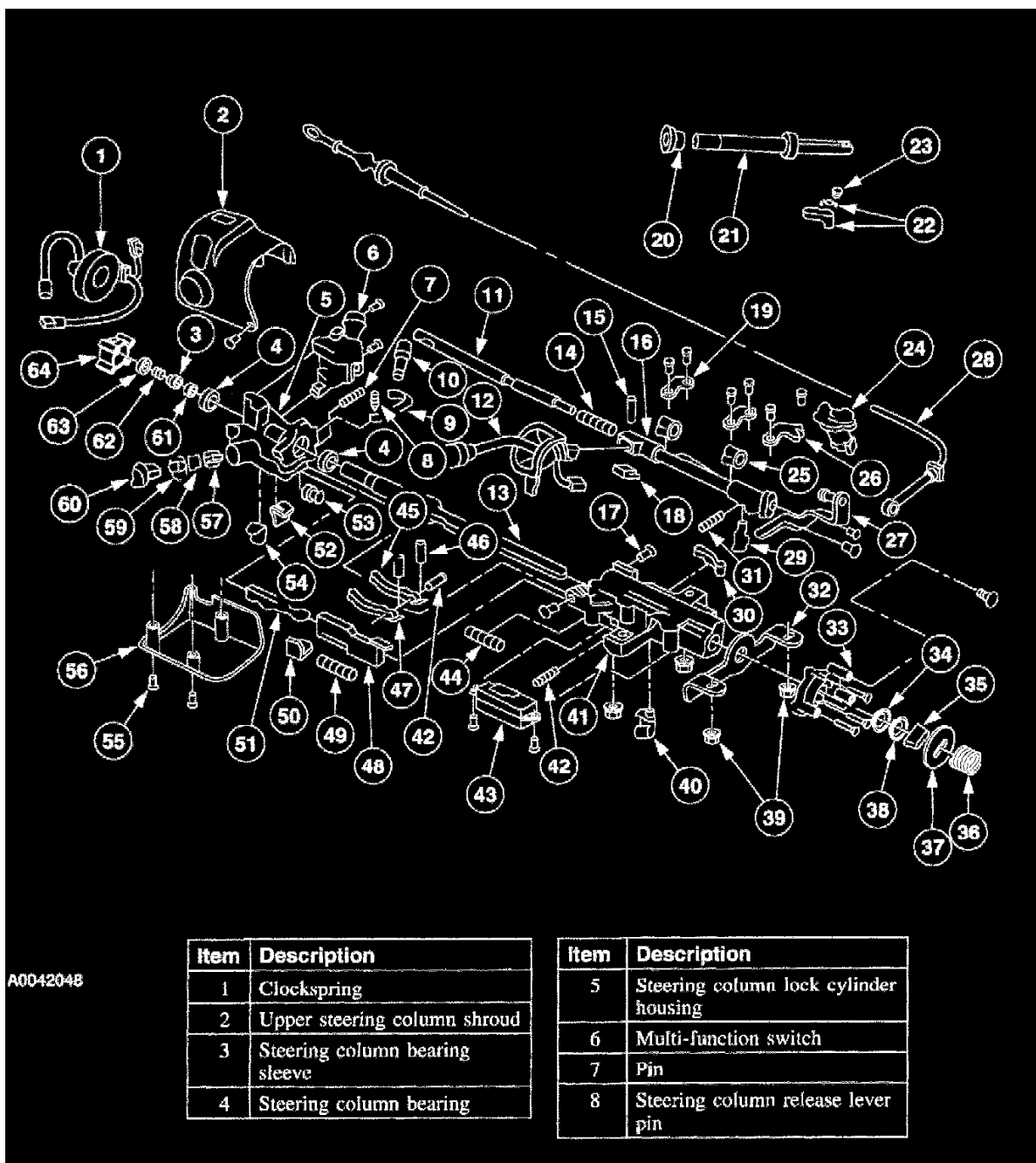
Item	Description
4	Parking brake rear cable and conduit — LH (F-Super Duty 250-550)
5	Parking brake rear cable and conduit — RH (F-Super Duty 250-550)

Item	Description
6	Parking brake intermediate cable (F-Super Duty 250-550)
7	Parking brake rear cable and conduit — LH (Excursion)
8	Parking brake rear cable and conduit — RH (Excursion)
9	Parking brake intermediate cable (Excursion)



Item	Description
1	Brake shoe retracting spring — outboard (part of parking brake spring kit [2069])
2	Parking brake lever
3	Parking brake shoe and linings
4	Brake shoe hold-down spring (part of parking brake spring kit [2069])
5	Brake adjuster screw
6	Brake shoe adjusting screw spring (part of parking brake spring kit [2069])
7	Brake shoe retracting spring — inboard (part of parking brake spring kit [2069])

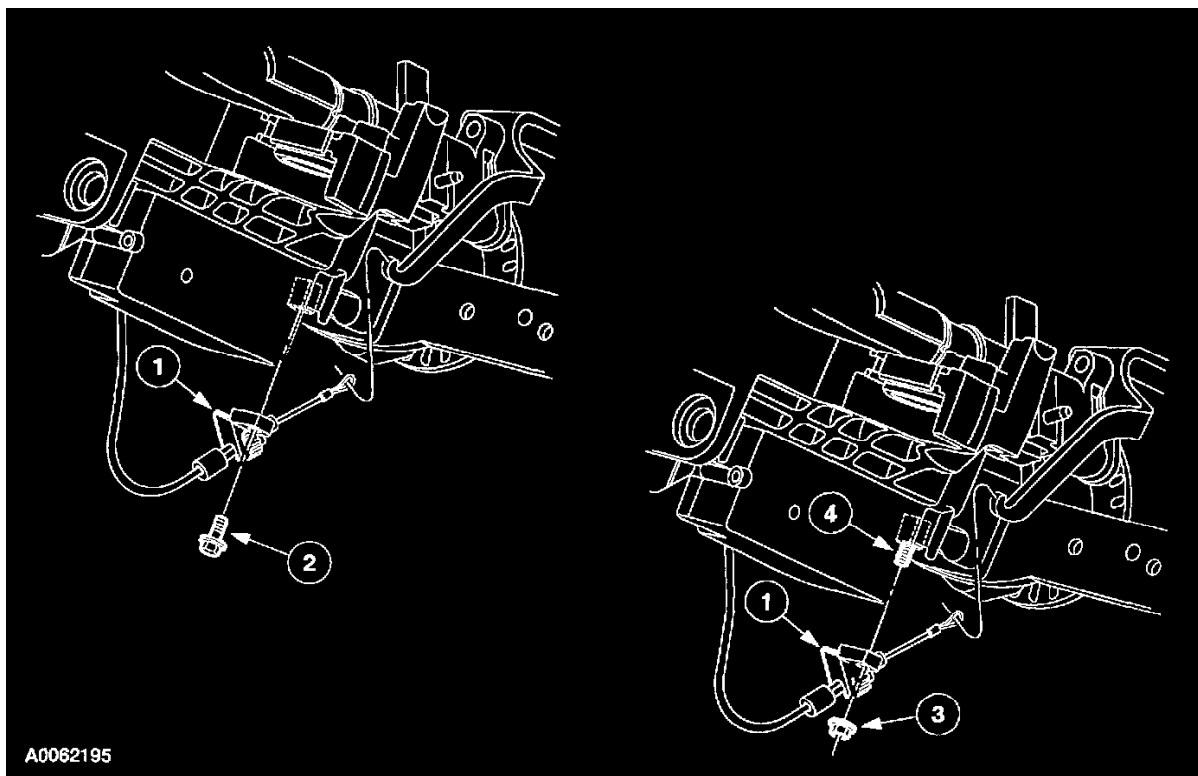
Steering Column



Item	Description	Item	Description
9	Steering column release lever	37	Sensor ring
10	Tilt wheel handle and shank	38	Steering column bearing
11	Column shift selector lever plunger	39	Steering column retaining nuts
12	Gearshift lever	40	Wiring harness retainer
13	Steering column shaft	41	Steering actuator housing
14	Transmission control selector lever plunger spring	42	Steering column lock lever pin
15	Gearshift lever pin	43	Ignition switch
16	Transmission column shift selector tube	44	Steering column position spring
17	Tilt column pivot screw	45	Steering column locking lever (LH)
18	Transmission control selector lever spring clip	46	Steering column position lock spring
19	Gearshift tube bushing clamp	47	Steering column locking lever (RH)
20	Spacer (fixed column)	48	Lower steering column lock actuator
21	Steering shaft (fixed column)	49	Steering column lock spring
22	Lever assembly (manual transmission)	50	Steering column shaft lock pawl
23	Pin (manual transmission)	51	Upper steering column lock lever actuator
24	Brake shift interlock solenoid	52	Steering column lock cam
25	Gearshift lever socket bushing	53	Steering column tilt flange bumper
26	Transmission shift selector position insert	54	Wiring harness retainer
27	Transmission selector lever arm and support	55	Shroud screws
28	Shift cable and bracket	56	Steering column shroud
29	Transmission control selector, lower	57	Steering column lock gear
30	Steering column shift lock pawl	58	Steering column lock housing bearing
31	Gearshift lever pin	59	Bearing retainer
32	Steering column instrument panel bracket	60	Ignition switch lock cylinder
33	Steering column lower bearing retainer	61	Steering column tolerance ring
34	Steering column bearing sleeve	62	Steering column upper bearing spring
35	Steering column bearing tolerance ring	63	Snap ring
36	Steering column lower bearing spring	64	Turn signal cancel cam

Part 2 Of 2

Steering Column Components



Part 1 Of 2

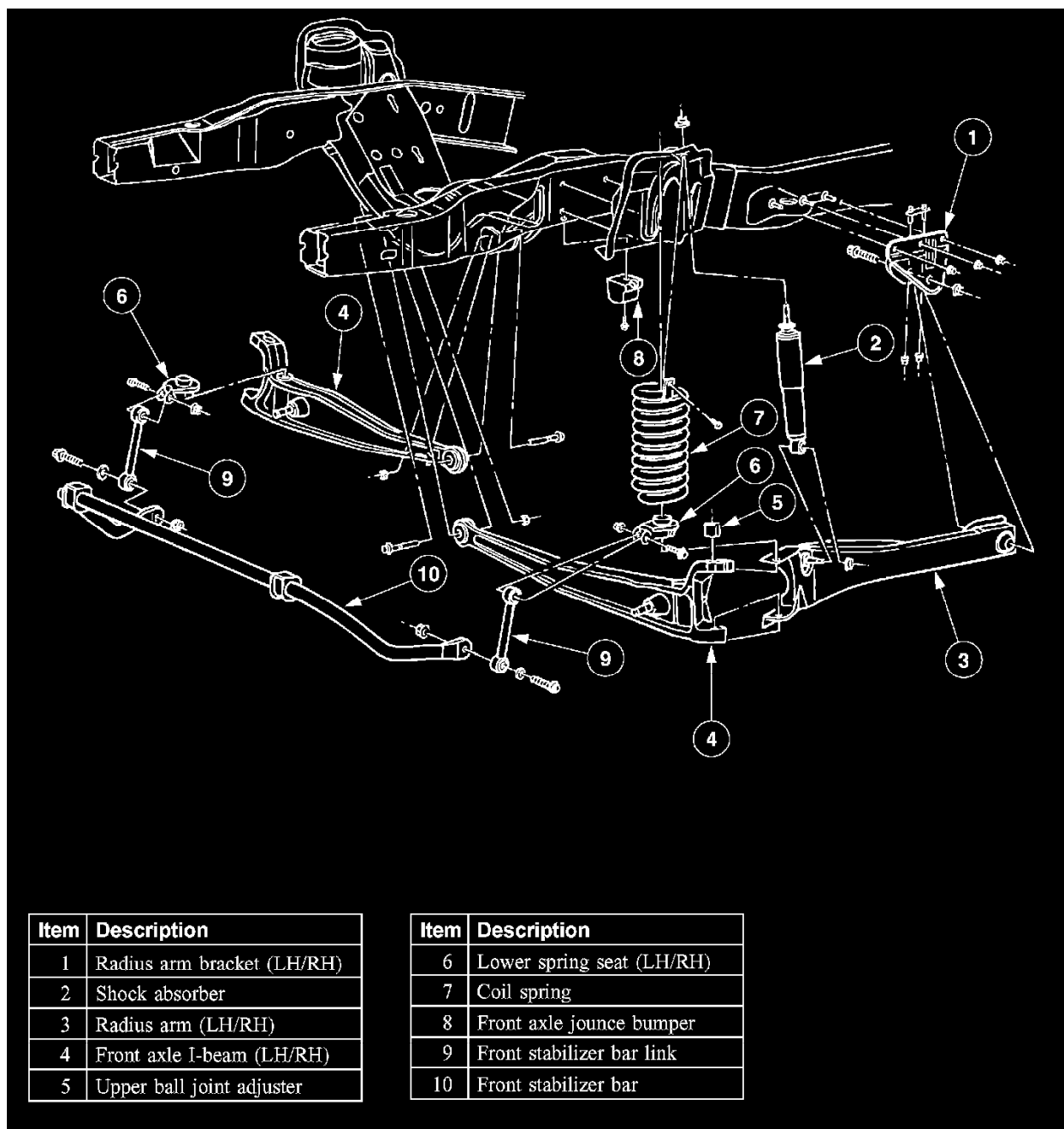
Item	Description
1	Transmission control indicator
2	Screw (4-speed transmission)
3	Nut (5-speed transmission)
4	Stud (5-speed transmission)

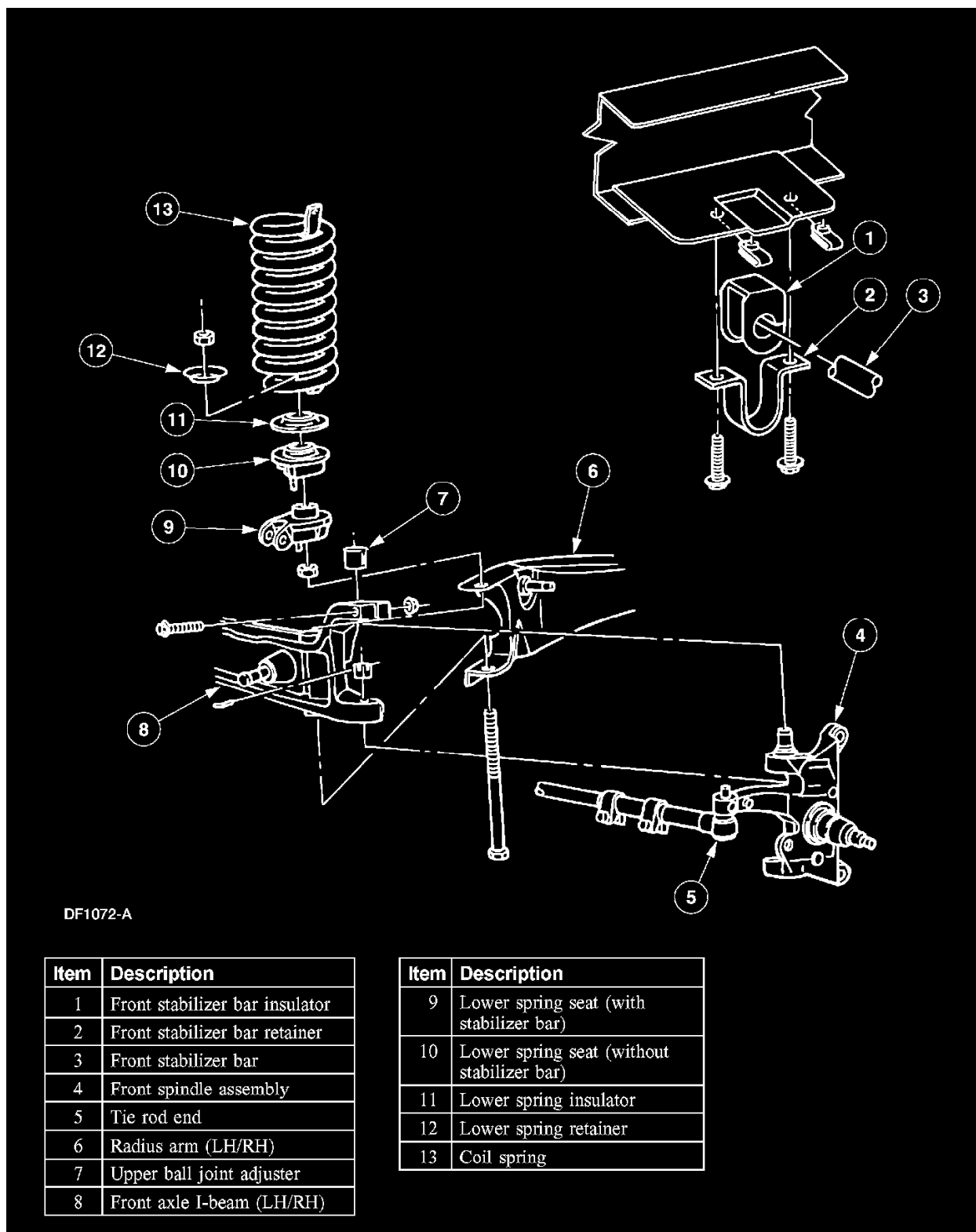
Part 2 Of 2

Transmission Control Indicator Attachments

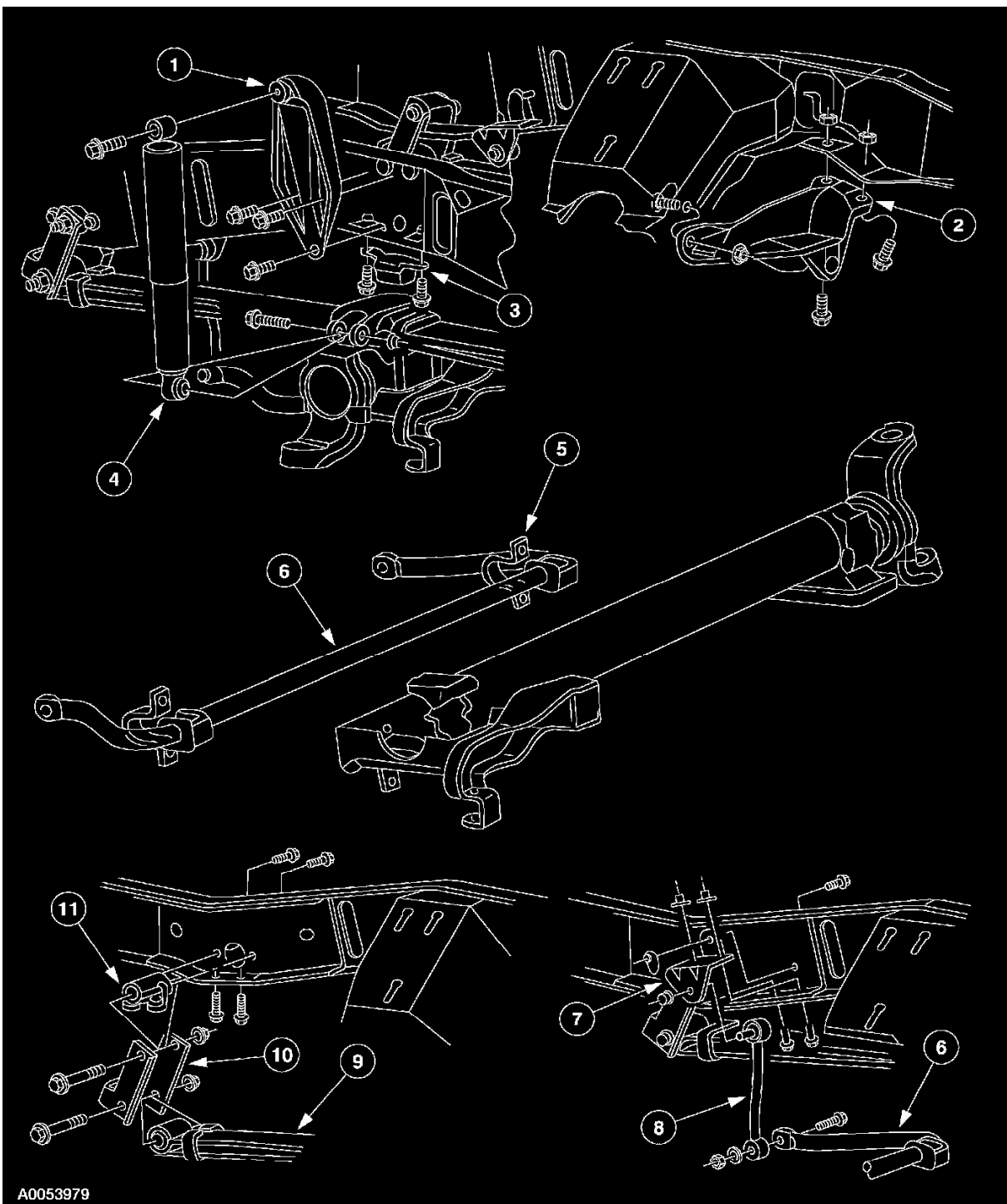
Front

Front Suspension

**Front Suspension Components - F-250, F-350**

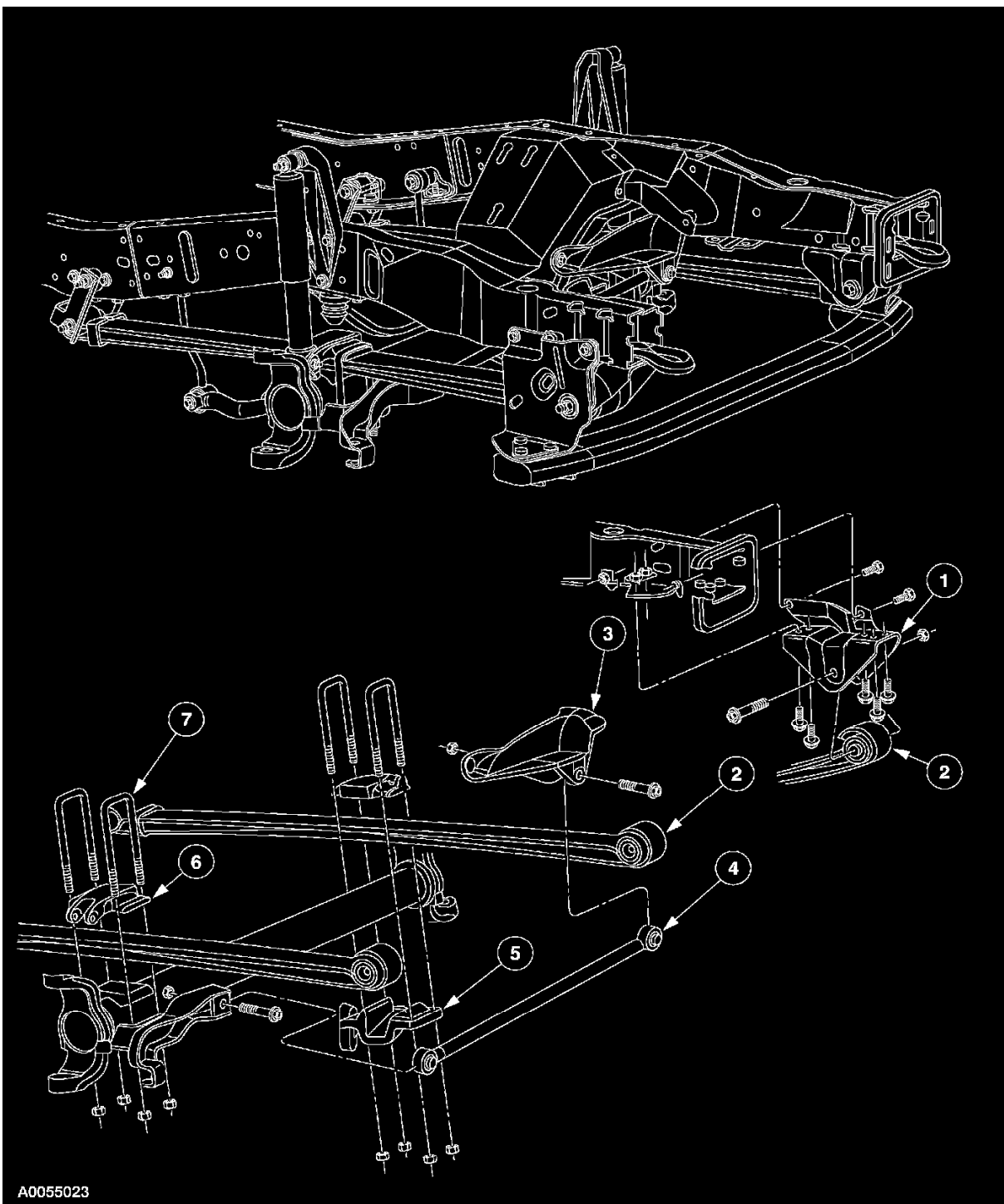


Front Suspension Components - F-250, F-350



Item	Description
1	Upper shock bracket
2	Front trackbar bracket
3	Front axle jounce bumper
4	Shock absorber
5	Stabilizer bar retainer
6	Stabilizer bar

Item	Description
7	Stabilizer link bracket
8	Stabilizer bar link
9	Front spring assembly
10	Front spring shackle
11	Front spring shackle assembly



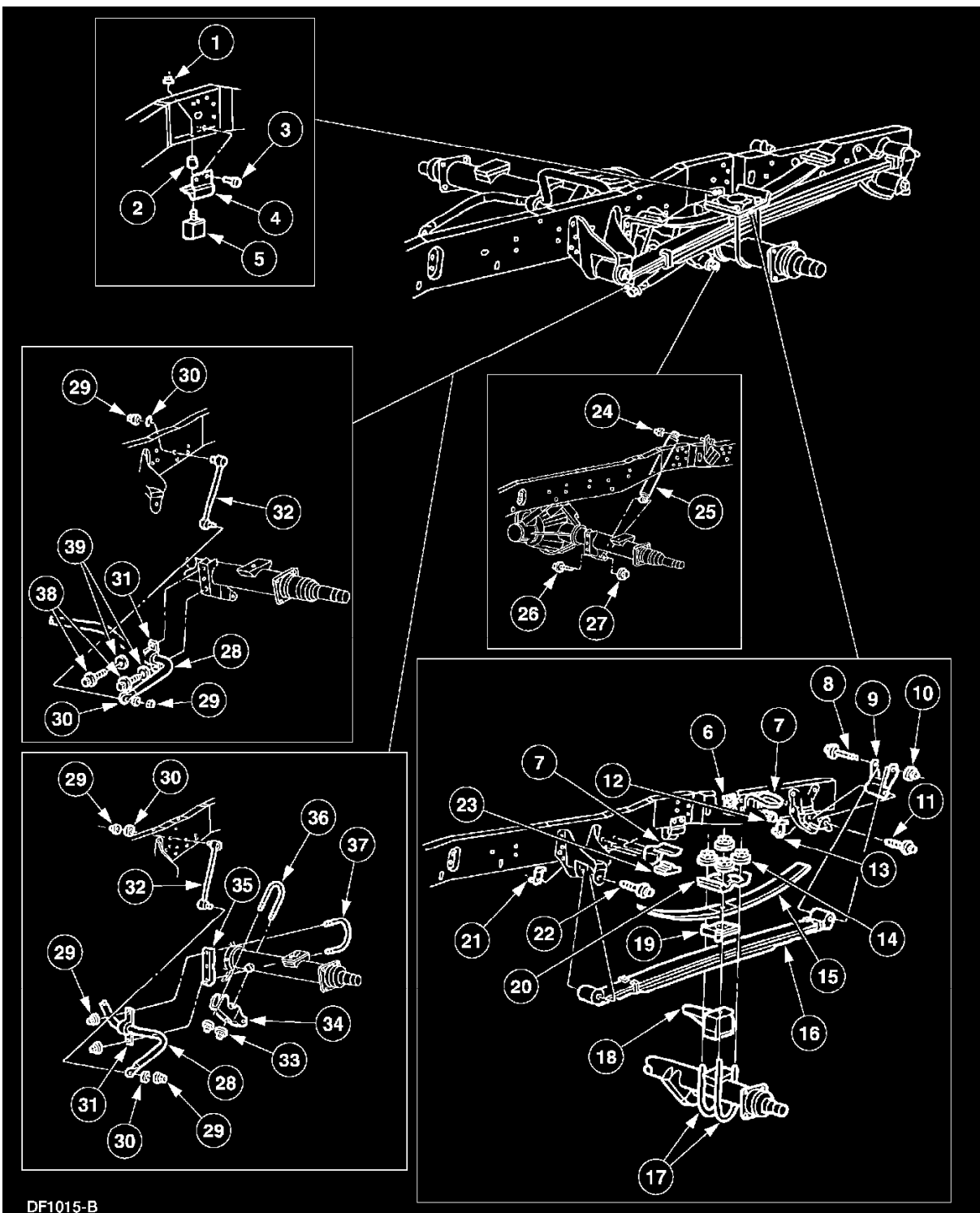
Item	Description
1	Front spring hanger bracket (LH/RH)
2	Front spring assembly
3	Front trackbar bracket

Item	Description
4	Front trackbar assembly
5	Front spring cap
6	Front spring spacer plate
7	Front spring U-bolt

Front Suspension Components - F-450, F-550

Rear

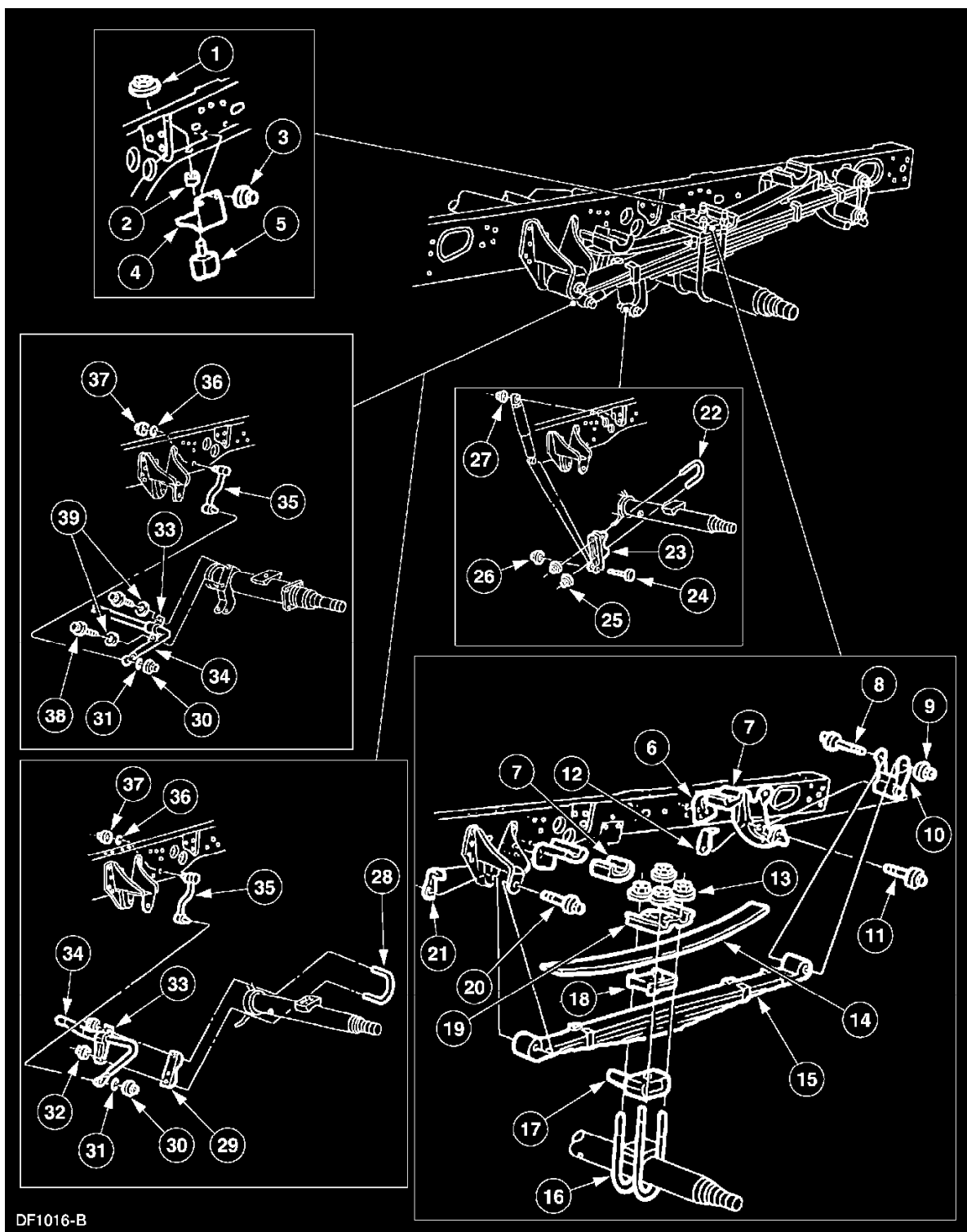
Rear Suspension



DF1015-B

Item	Description	Item	Description
1	Nut, M10-1.5 hex	23	Auxiliary spring bumper
2	Spacer	24	Nut and washer assembly, M12-1.75 hex
3	Rivet, M10 x 25	25	Rear shock
4	Rear axle bumper stop	26	Bolt, M12-1.75 hex
5	Rear axle bumper assembly	27	Nut and washer assembly, M12-1.75 hex
6	Nut and retainer assembly, M10 x 1.5 x 35	28	Stabilizer bar assembly
7	Front auxiliary spring bracket	29	Nut, M12-1.75 hex
8	Bolt, M16-2.0 x 135 hex	30	Washer, M12
9	Shackle assembly	31	Rear stabilizer bar retainer
10	Nut, M16-2.0 hex	32	Link assembly
11	Bolt, M16-2.0 x 175 x 10.9	33	Nut, M10-1.5 hex (Ford axle only)
12	Bolt, M10 x 1.5 x 33.5	34	Lower shock bracket (Ford axle only)
13	Nut and retainer, M16-2.0 x 20 x 10	35	Rear stabilizer bar bracket (Ford axle only)
14	Nut, M16-2.0 hex	36	U-bolt, M10-1.5 x 101/152.5 (Ford axle only)
15	Auxiliary spring	37	U-bolt, M10-1.5 x 137.5/161.5 (Ford axle only)
16	Rear spring assembly	38	Bolt, M10-1.5 x 33.5 (Dana axle only)
17	U-bolt, M16-2.0 x 108/225	39	Washer, M10-15 x 33.5 (Dana axle only)
18	Rear spring spacer (4x4 only)		
19	Auxiliary spring spacer		
20	Rear spring plate		
21	Nut and retainer, M18-2.5 x 19 x 10		
22	Bolt, M18-2.5 x 139 x 10.9		

Super Duty F-250, F-350 Wide Frame



DF1016-B

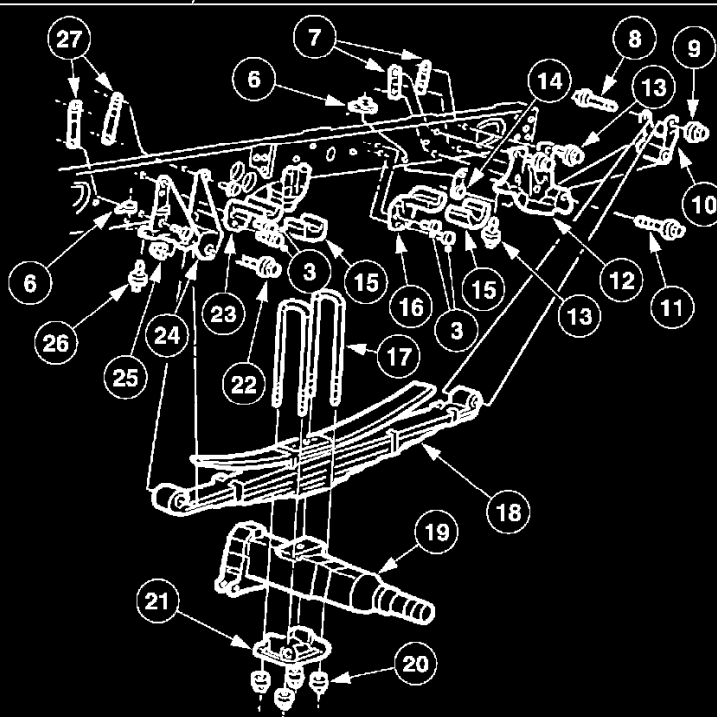
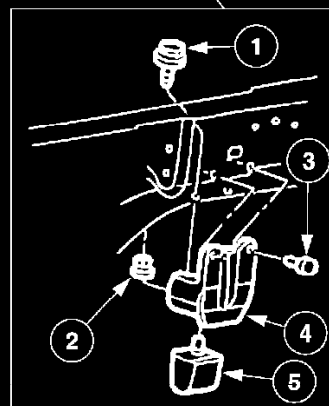
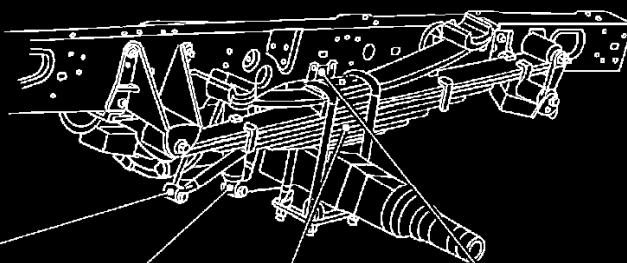
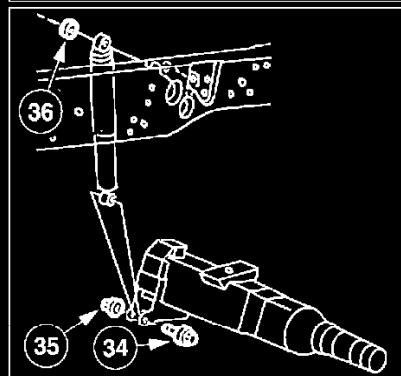
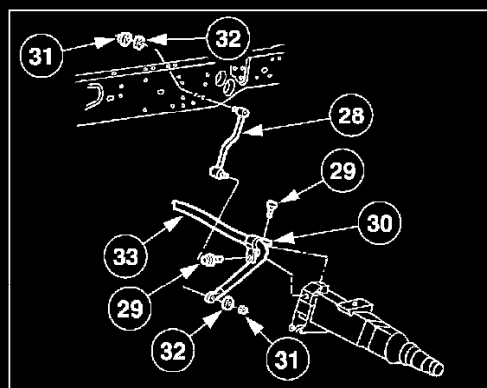
Item	Part Number	Description
1	N620482-S56	Nut, M10-1.5 hex
2	N800878-S	Spacer
3	N647097-S	Rivet, M10 x 25
4	4A171	Rear axle bumper stop
5	4002	Rear axle bumper assembly
6	5700	Front auxiliary spring bracket
7	5A978	Auxiliary spring bracket liner (RR)
8	W500593-S426	Bolt, M16-2.0 x 145 hex
9	N620485-S56	Nut, M16-2.0 hex
10	5776	Shackle assembly
11	W500593-S426	Bolt, M16-2.0 x 175 x 10.9
12	N806367-S428	Nut and retainer, M16-2.0 x 20 x 10
13	N620485-S56	Nut, M16-2.0 hex
14	5588	Auxiliary spring
15	5560	Rear spring assembly
16	N811673-S428	U-bolt, M16-2.0 x 108/225
17	5598	Rear spring spacer (4x4 only)
18	5594	Auxiliary spring spacer
19	5798	Rear spring plate
20	N804967-S426	Bolt, M18-2.5 x 139 x 10.9
21	N807044-S428	Nut and retainer, M18-2.5 x 19 x 10
22	N811671-S436	U-bolt, M10-1.50 x 101/136.7 (Ford axle only)

(Continued)

Item	Part Number	Description
23	4A047	Lower shock bracket (Ford axle only)
24	N605705-S2	Bolt, M12-1.75 x 70 hex
25	N620482-S56	Nut, M10-1.5 hex (Ford axle only)
26	N806496-S301	Nut and washer assembly, M12-1.75 hex
27	N806085-S8	Nut and washer assembly, M12-1.75 hex
28	4A340	U-bolt, M10-1.75 x 137.5/161.5 (Ford axle only)
29	4A047	Rear stabilizer bar bracket (Ford axle only)
30	N800937-S301	Nut, M12-1.75 hex
31	N801527-S2	Washer, M12
32	N620482-S56	Nut, M10-1.5 hex (Ford axle only)
33	5B491	Rear stabilizer bar retainer
34	5A771	Stabilizer bar assembly
35	5K484	Link assembly
36	N801527-S2	Washer, M12
37	N800937-S301	Nut, M12-1.75 hex
38	N605546-S2	Bolt, M10-1.5 x 33.5 hex
39	N630088-S2	Washer, M10-1.5 x 33.5

Super Duty F-350 Narrow Frame

Super Duty F-550 Shown, F-450 Similar



DF1018-A

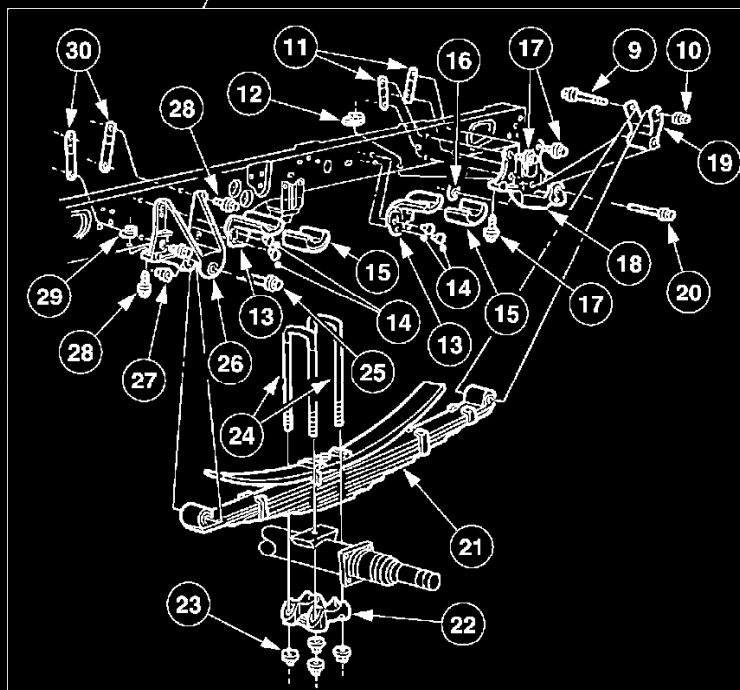
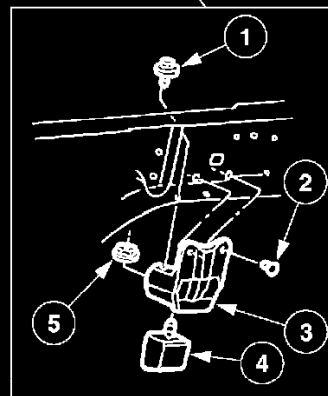
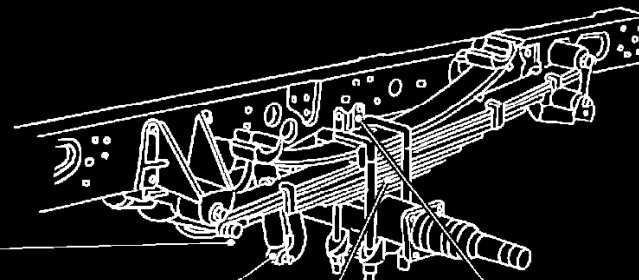
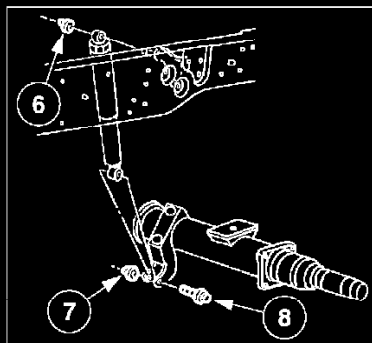
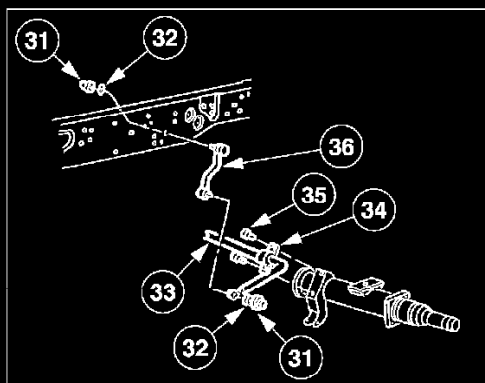
Item	Part Number	Description
1	N605920-S2	Bolt, M10-1.5 x 20 hex
2	N620482-S56	Nut, M10-1.5 hex
3	N647098-S	Rivet, M10 x 35
4	4002	Rear axle bumper assembly
5	4A171	Rear axle bumper stop
6	N805007-S100	Nut and retainer assembly, M12-1.75 hex
7	N805136-S56	Nut and retainer assembly, M12-1.75 x 80
8	W500593-S426	Bolt, M16-2.0 x 145 hex
9	N620485-S56	Nut, M16-2.0 hex
10	5776	Shackle assembly
11	N805041-S2	Bolt, M16-2.0 x 145 hex
12	5775	Rear shackle bracket
13	N808591-S2	Bolt, M12-1.75 x 49.5 hex
14	N806367-S428	Nut, M16-2.0 hex
15	5A978	Auxiliary spring bracket liner
16	5700	Rear auxiliary spring bracket
17	N811826-S428	U-bolt, M20-2.5 x 98.3 x 400
18	5A975	Rear spring assembly
19		Rear axle assembly (Dana S135)

(Continued)

Item	Part Number	Description
20	N805028-S56	Nut, M20-2.5 hex
21	5796	Rear spring seat cap
22	N805444-S100	Bolt, M20-2.5 x 145 hex
23	5700	Front auxiliary spring bracket
24	5785	Front hanger bracket
25	N805161-S56	Nut and retainer assembly, M20-2.5 hex
26	W500760-S428	Bolt, M14-2.0 x 50 hex
27	N811835-S428	Nut and retainer assembly, M14-2.0 x 50
28	5K484	Stabilizer bar link assembly
29	N605814-S426	Bolt, M12-1.75 x 30 hex
30	5B491	Stabilizer bar retainer bracket
31	N800937-S301	Nut, M12-1.75 hex
32	N801527	Washer, M12
33	5A771	Stabilizer bar assembly
34	N605705-S2	Bolt, M12-1.75 x 70 hex
35	N806496-S301	Nut and washer assembly, M12-1.25 hex
36	N806085-S8	Nut and washer assembly, M12 hex

Super Duty F-550 Shown, F-450 Similar

Super Duty F-450

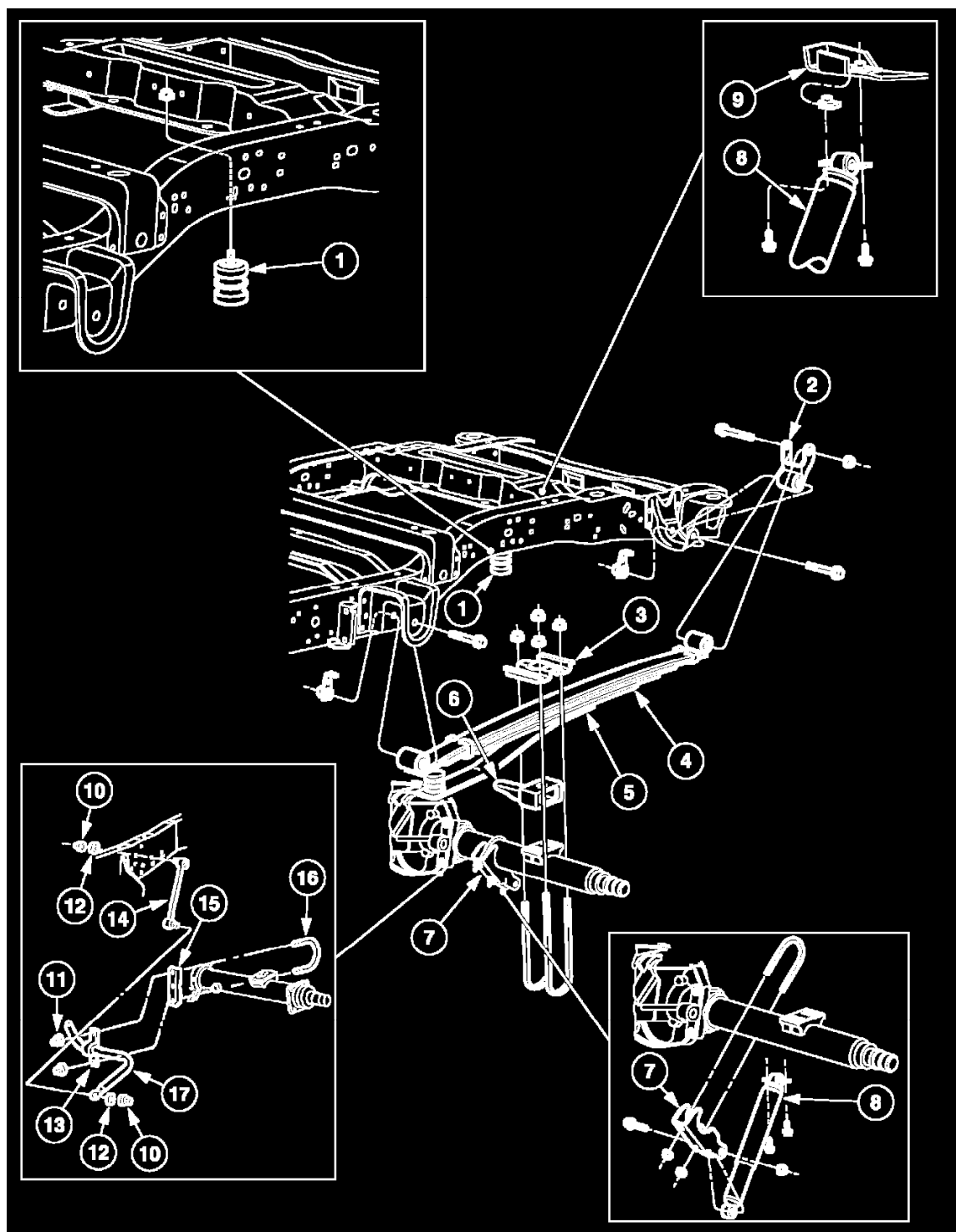


DF1017-B

Item	Part Number	Description
1	N605920-S2	Bolt, M10-1.5 x 20 hex
2	N647098-S	Rivet, M10 x 35
3	4002	Rear axle bumper assembly
4	4A171	Rear axle bumper stop
5	N620482-S56	Nut, M10-1.5 hex
6	N806085-S8	Nut and washer assembly, M12-1.75 hex
7	N806496-S301	Nut and washer assembly, M12-1.75 hex
8	N605705-S2	Bolt, M12-1.75 x 70 hex
9	W500593-S426	Bolt, M16-2.0 x 145 hex
10	N620485-S56	Nut, M16-2.0 hex
11	N805136-S56	Nut and retainer assembly, M12-1.75 x 80
12	N805007-S100	Nut and retainer assembly, M12-1.75 hex
13	5700	Front auxiliary spring bracket
14	N647100-S	Rivet 10 x 35
15	5A978	Auxiliary spring bracket liner
16	N806367-S428	Nut, M16-2.0 hex
17	N808591-S2	Bolt, M12-1.75 x 49.5 hex
18	5775	Rear shackle bracket

(Continued)

Item	Part Number	Description
19	5776	Shackle assembly
20	N805041-S2	Bolt, M16-2.0 x 145 hex
21	5A975	Rear spring assembly
22	5796	Rear spring seat cap
23	N805028-S56	Nut, M20-2.5
24	N811362-S56	U-bolt, M20-2.5 x 100 x 364
25	N805444-S100	Bolt, M20-2.5 x 145 hex
26	5785	Front hanger bracket
27	N805161-S56	Nut and retainer, M20-2.5 hex
28	W500760-S428	Bolt, M14-20 x 50 hex
29	N811833-S428	Nut and retainer assembly, M14-2.0 hex
30	N811835-S428	Nut and retainer assembly, M14-2.0 x 127
31	N800937-S301	Nut, M12-1.75 hex
32	N801527-S2	Washer, M12
33	5A771	Stabilizer bar assembly
34	5B491	Stabilizer bar retainer bracket
35	N605920-S2	Bolt, M10-1.5 x 33.5 hex
36	5K484	Stabilizer bar link



Item	Description
1	Rear axle bumper
2	Shackle
3	Rear spring plate
4	Rear spring
5	Snubber spring (4x4 only)
6	Rear spring spacer
7	Lower shock absorber bracket
8	Rear shock absorber
9	Upper shock bracket (part of frame)

Item	Description
10	Nut, M12-1.75 hex (4 req'd)
11	Nut, M10-1.5 hex (4 req'd)
12	Washer, M12 (4 req'd)
13	Stabilizer bar bracket
14	Stabilizer bar link
15	Stabilizer bar retainer
16	U-bolt, M10-1.5 x 137.5/161.5
17	Stabilizer bar assembly

C100
(BK)

19B573

14305

A/C clutch solenoid
field coil



FEMALE

Pin	Circuit	Circuit function
1	321 (GY/WH)	A/C clutch relay, switched output
2	57 (BK)	Ground

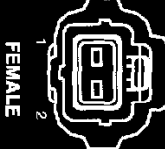
Pin		Circuit function	
1	**350 (GY)	Crankshaft position sensor (6C315) -	
	*349 (DB)	Crankshaft position sensor (6C315) +	
2	*350 (GY)	Crankshaft position sensor (6C315) -	
	**349 (DB)	Crankshaft position sensor (6C315) +	

C102b (GY)		
14305		
Generator		
		
FEMALE		
Pin	Circuit	Circuit function
1	4 (WH/BK)	Generator/regulator "S" terminal, to generator "S" terminal

Pin	Circuit	Circuit function
1	31 (WH/RD)	Engine oil pressure indicator, control
	*1308 (BN/OG)	Engine oil pressure indicator, control

C104
9D930
12B637

Engine Oil Temperature (EOT) sensor



FEMALE

Pin	Circuit	Circuit function
1	359 (GY/RD)	Signal return
2	354 (LG/RD)	signal from Powertrain Control Module (PCM) (12A650)

C106
12B637

Heated positive crankcase ventilation (PCV) element



MALE

Pin	Circuit	Circuit function
1	16 (RD/Lg)	Voltage supplied in Start and Run (overload protected)
2	57 (BK)	Ground

C107 (BK)

14B102

Cylinder-head
temperature sensor
(6G004)



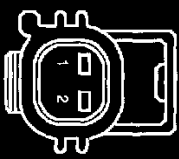
FEMALE

Pin	Circuit	Circuit function
1	1102 (YE/LG)	Sensor signal
2	359 (GY/RD)	Signal return

C109 (BK)

12B637

Knock sensor
(12A69)

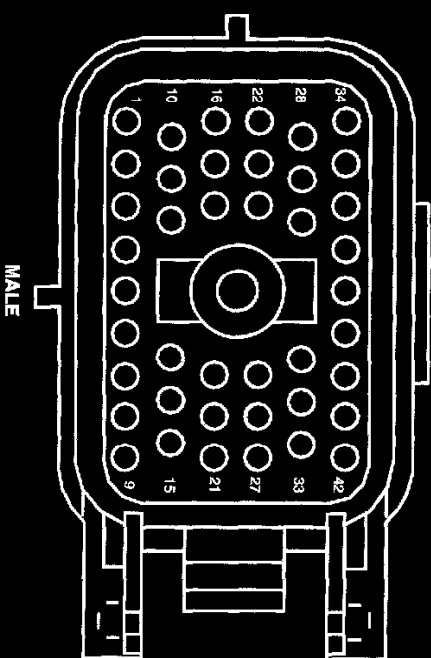


MALE

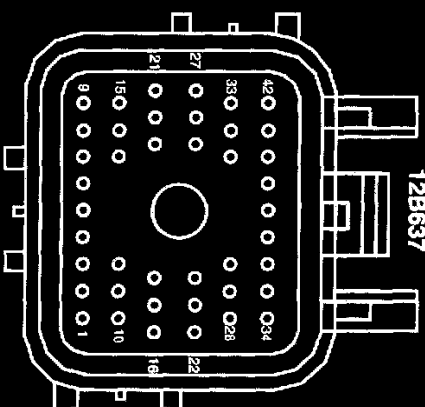
Pin	Circuit	Circuit function
1	311 (DG/VT)	Sensor signal return (reference/ground)
2	310 (YE/RD)	Sensor signal

C110

(BK)

12A581

(1) -	(15) 559 (TN/BK)	(29) 796 (LB)
(2) -	(16) -	(30) *352 (BN/LG)
(3) 1100 (GY/BK)	(17) -	(31) -
(4) 1101 (GY/RD)	(18) 359 (GY/RD)	(32) 1028 (WH/PK)
(5) 1102 (YE/LG)	(19) 560 (LG/OG)	(33) 1027 (PK/LB)
(6) -	(20) 561 (TN/RD)	(34) 16 (RD/LG)
(7) 555 (TN)	(21) 562 (LB)	(35) 48 (BK)
(8) 556 (WH)	(22) 350 (GY)	(36) 310 (YE/RD)
(9) 361 (RD)	(23) 795 (DG)	(37) 311 (DG/VT)
(10) -	(24) -	(38) *360 (BN/PK)
(11) 355 (GY/WH)	(25) 31 (WH/RD)	(39) 264 (WH/LB)
(12) 351 (BN/WH)	(26) 1024 (LG/WH)	(40) -
(13) 557 (BN/YE)	(27) -	(41) 1026 (PK/WH)
(14) 558 (BN/LB)	(28) 349 (DB)	(42) 391 (RD/YE)

12B637

(1) -	(15) 558 (TN/BK)	(29) 796 (LB)
(2) -	(16) -	(30) *352 (BN/LG)
(3) **1100 (GY/BK)	(17) -	(31) -
(4) **1101 (GY/RD)	(18) 359 (GY/RD)	(32) 1028 (WH/PK)
(5) 1102 (YE/LG)	(19) 560 (LG/OG)	(33) 1027 (PK/LB)
(6) -	(20) 561 (TN/RD)	(34) 16 (RD/LG)
(7) 555 (TN)	(21) 562 (LB)	(35) 48 (BK)
(8) 556 (WH)	(22) 350 (GY)	(36) +310 (YE/RD)
(9) 361 (RD)	(23) 795 (DG)	++57 (BK)
(10) -	(24) -	(37) +311 (DG/VT)
(11) 355 (GY/WH)	(25) 31 (WH/RD)	++57 (BK)
(12) 351 (BN/WH)	(26) 1024 (LG/WH)	(38) *360 (BN/PK)
(13) 557 (BN/YE)	(27) -	(39) 264 (WH/LB)
(14) 558 (BN/LB)	(28) 349 (DB)	(40) -
		(41) 1026 (PK/WH)
		(42) 391 (RD/YE)

Gasoline
 *California
 **6.8L
 +6.8L early production
 ++6.8L late production

C111 (BK)

12B637

Coil On Plug (COP) 1
(12029)



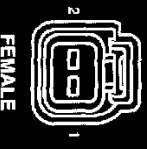
FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, ignition switch in Start or Run (not overload protected)
2	1024 (LG/WH)	Switched ground

C112 (BK)

12B637

Coil On Plug (COP) 2
(12029)



FEMALE

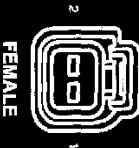
* 5.4L
** 6.8L

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, ignition switch in Start or Run (not overload protected)
2	*1026 (PK/WH) **1027 (PK/LB)	Switched ground

C113 (BK)

12B637

Coil On Plug (COP) 3
(12029)



FEMALE

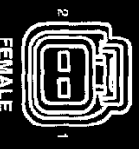
* 5.4L
** 6.8L

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, ignition switch in Start or Run (not overload protected)
2	**1026 (PK/WH) *1028 (WH/PK)	Switched ground Switched ground

C114 (BK)

12B637

Coil On Plug (COP) 4
(12029)



FEMALE

* 5.4L
** 6.8L

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, ignition switch in Start or Run (not overload protected)
2	**1141 (YE/BK) *1080 (DG/VT)	Switched ground Switched ground

5.4L
6.8L

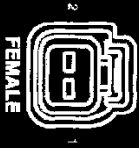
Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, Ignition switch in Start or Run (not overboard protected)
2	**1028 (WH/PK)	Switched ground
	*1021 (LG/YE)	Switched ground



A diagram of a female symbol. It consists of a circle with a vertical line through the center and a horizontal line at the bottom. The number '1' is placed to the left of the vertical line, and the number '2' is placed to the right of the horizontal line.

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, ignition switch in Start or Run (not overload protected)
2	1025 (OG/VE)	Switched ground

C117 (BK)
12B637
Coil On Plug (COP) 7
(12029)

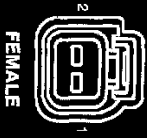


FEMALE

* 5.4L
** 6.8L

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, ignition switch in Start or Run (not overload protected)
2	**1030 (DGM/T) *1027 (PK/LB)	Switched ground Switched ground

C118 (BK)
12B637
Coil On Plug (COP) 8
(12029)



FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, ignition switch in Start or Run (not overload protected)
2	1029 (WH/RD)	Switched ground

C122 (BK)

12A581

Speed control
servo (9C735)



FEMALE

Pin	Circuit	Circuit function
1	203 (OG/LB)	Cruise set, indicator, control
2	-	not used
3	679 (GY/BK)	vehicle speed signal
4	810 (RD/LG)	Brake pedal position switch (13480), input - automatic transmission
	306 (TN/LB)	Clutch pedal position switch, input - manual transmission
5	151 (LB/BK)	Speed control switch, input
6	848 (DG/OG)	Speed control switch, Ground
7	295 (LB/PK)	Voltage in Run (overload protected)
8	-	not used
9	307 (BK/YE)	Brake pressure switch (2B264), input
10	57 (BK)	Ground

C124 (BK)

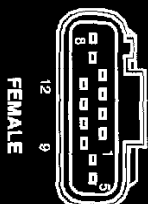
12A581

Brake fluid level
switch (2L414)

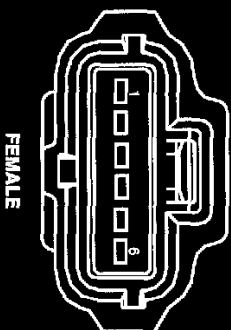


FEMALE

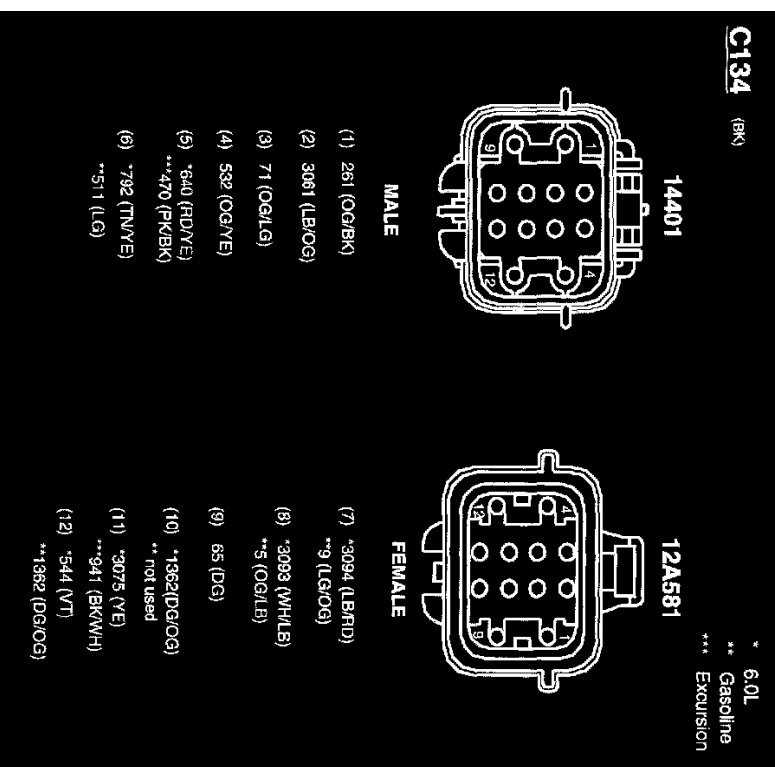
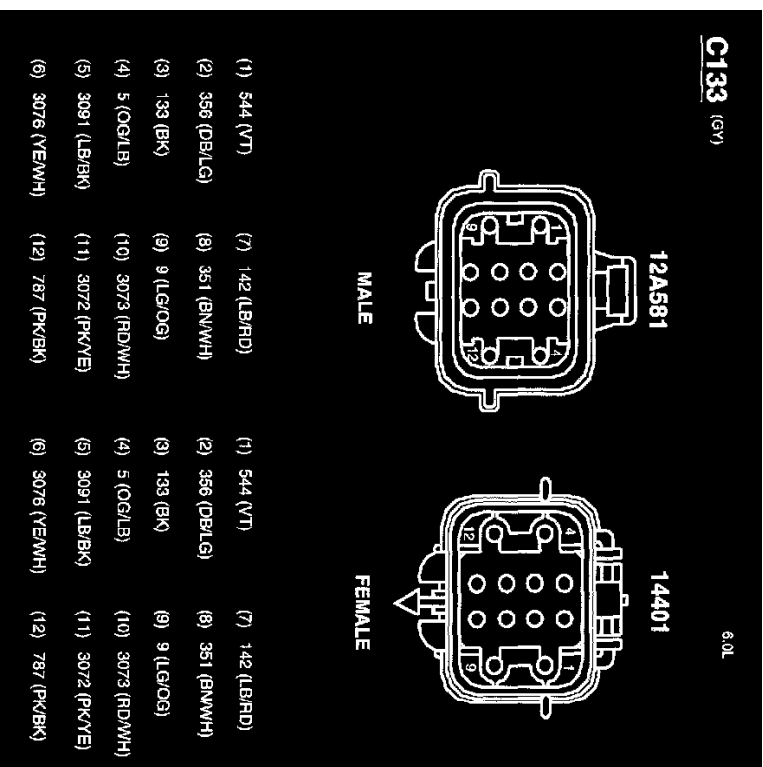
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	512 (TN/LG)	Brake indicator, control
3	531 (DG/YE)	Brake fluid level switch (2L414), signal

C125 (BK)**12A581**Windshield wiper
motor (17D539)

Pin	Circuit	Circuit function
1	61 (YE/RD)	Wiper switch circuit H
2	-	not used
3	676 (PK/OG)	logic ground
4	679 (GY/BK)	vehicle speed signal
5	65 (DG)	voltage supplied at all times (overload protected)
6	57 (BK)	Ground
7	941 (BK/WH)	Windshield washer pump motor (17618) - Pickup
	946 (V/LG)	Windshield washer pump motor (17618) - Excursion
8	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
9	63 (RD)	Wiper switch circuit A
10	56 (DB/OG)	Wiper switch circuit C
11	58 (WH)	Wiper switch circuit B
12	589 (OG)	Washer switch circuit W

C128 (BK)**12A581****12A690**Mass Air Flow (MAF)
sensor (13480)

Pin	Circuit	Circuit function
1	359 (GY/RD)	Signal return
2	361 (RD)	Voltage supplied in Start and Run (overload protected)
3	570 (BK/WH)	Ground
4	968 (TN/LB)	Sensor signal return (reference/ground)
5	967 (LB/RD)	monitor
6	743 (GY)	Intake air temperature sensor, signal

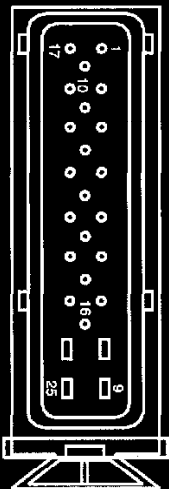


C135 (BK)

* 6.0L Diesel
** others

12A581

ABS control
module (2C219)



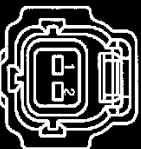
FEMALE

Pin	Circuit	Circuit function
1	70 (LB/WH)	Data bus ISO 9141 (K-line)
2	810 (RD/LG)	Brake pedal position switch (13480), input
3	-	not used
4	522 (TN/BK)	Wheel speed sensor, left front (2C205) -
5	516 (YE/BK)	Wheel speed sensor, right front (2C204) -
6	519 (LG/BK)	Rear axle speed sensor (4B409)
7	210 (LB)	Four-wheel drive, high/low
8	530 (LG/YE)	Chassis Ground
9	532 (OG/YE)	Voltage supplied at all times (overload protected)
10	512 (TN/LG)	Brake fluid level switch (2L414), input
11	679 (GY/BK)	vehicle speed signal
12	521 (TN/OG)	Wheel speed sensor, left front (2C205) +
13	514 (YE/RD)	Wheel speed sensor, right front (2C204) +
14	523 (RD/PK)	Rear axle speed sensor (4B409) +
15	603 (DG)	Anti-lock brake indicator, control
16	*1155 (YE/BK)	Voltage in Run (overload protected)
	**533 (TN/RD)	Voltage in Run (overload protected)
17	-	not used
18	-	not used
19	-	not used
20	-	not used
21	-	not used
22	-	not used
23	-	not used
24	530 (LG/YE)	Chassis Ground
25	532 (OG/YE)	Voltage supplied at all times (overload protected)

C137 (BK)

12A581

Windshield washer
pump motor (17618)



FEMALE

Pin	Circuit	Circuit function
1	941 (BK/WH)	Windshield washer pump motor (17618), feed - Pickup
	946 (VT/LG)	Windshield washer pump motor (17618), feed - Excursion
2	57 (BK)	Ground - Pickup
	941 (BK/WH)	Ground - Excursion

California

C140 (GV)

12A581

MALE

14405

FEMALE

(1) 5 (OG/LB)	(6) 64 (DG)	(11) *392 (RD/LG)
(2) 9 (LG/OG)	(7) *359 (GY/RD)	(12) *791 (RD/PK)
(3) *389 (WH/BK)	(8) *351 (BN/WH)	(13) 519 (LG/BK)
(4) 511 (LG)	(9) 14 (BN)	(14) 523 (RD/PK)
(5) 52 (YE)	(10) 140 (BK/PK)	(15) *391 (RD/YE)
		(16) -

California

C142 (BU)

14405

Heated Oxygen Sensor
(HO2S) #12 (9G444)

FEMALE

Pin	Circuit	Circuit function
1	389 (WH/BK)	Heated Oxygen Sensor (HO2S) #12 (9G444), heater
2	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	392 (RD/LG)	Heated Oxygen Sensor (HO2S) #12 (9G444), input
4	359 (GY/RD)	Signal return

C143

(BK)

15525

Turbine Shaft Speed (TSS) sensor (7M101)



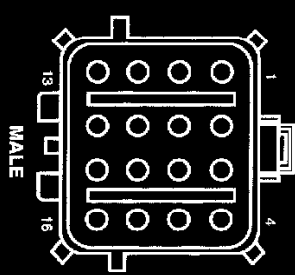
FEMALE

Pin	Circuit	Circuit Function
1	970 (DG/WH)	Turbine Shaft Speed (TSS) sensor
2	359 (GY/RD)	Signal return

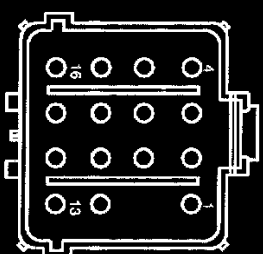
C144

(GY)

12A581



14401



FEMALE

(1) 911 (WH/LG)

(2) -

(3) -

(4) -

(5) 18 (RD/LG)

(6) -

(7) -

(8) -

(9) 418 (DG/YE)

(10) 140 (BK/PK)

(11) -

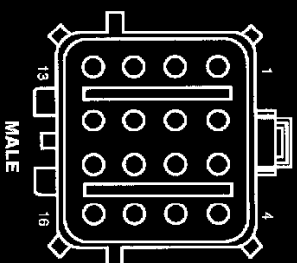
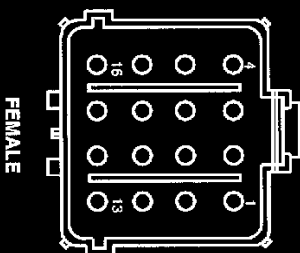
(12) -

(13) 224 (TN/WH)

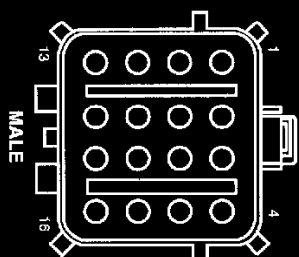
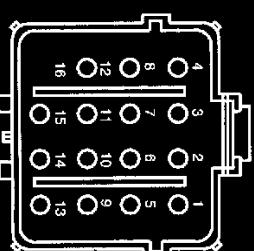
(14) 145 (GY/BK)

(15) 162 (LG/RD)

(16) -

C145 (BK)* 6.0L Diesel
** others**14401****12A581**

(1) 603 (DG)	(8) 81 (YE/RD)	(13) *359 (GY/RD)
(2) 764 (LG/WH)	(9) 15 (RD/YE)	**848 (DG/OG)
(3) 589 (OG)	(10) *605 (RD)	(14) 915 (PK/LB)
(4) 210 (LB)	(11) *1308 (BN/OG)	(15) 914 (TN/OG)
(5) 140 (BK/PK)	**31 (W+RD)	(16) 203 (OG/LB)
(6) 570 (BK/WH)	(12) 56 (DB/OG)	
(7) 752 (YE/RD)		

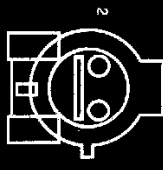
C146 (GY)**14401*** With daytime running lamps
** without daytime running lamps**12A581**

(1) 676 (PK/OG)	(7) 679 (GY/BK)	(13) 1002 (BK/PK)
(2) 348 (VT)	(8) 904 (LG/RD)	(14) 2 (WH/LB)
(3) 151 (LB/BK)	(9) 63 (RD)	(15) 58 (WH)
(4) 13 (RD/BK)	(10) 3 (LG/WH)	(16) 810 (RD/LG)
(5) 70 (LB/WH)	(11) 107 (VT)	
(6) 531 (DG/YE)	(12) 512 (TN/LG)	
-
(1) 676 (PK/OG)	(7) 679 (GY/BK)	(12) 512 (TN/LG)
(2) 348 (VT)	(8) 904 (LG/RD)	(13) 1002 (BK/PK)
(3) 151 (LB/BK)	(9) 63 (RD)	(14) 2 (WH/LB)
(4) *1033 (RD/YE)	(10) 3 (LG/WH)	(15) 58 (WH)
**13 (RD/BK)	(11) 107 (VT)	(16) 810 (RD/LG)
(5) 70 (LB/WH)		
(6) 531 (DG/YE)		

C150 (BK)

12A581

Wheel speed sensor, left front (2C205)



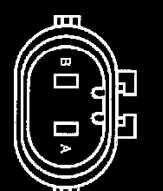
FEMALE

Pin	Circuit	Circuit function
1	522 (TN/BK)	Wheel speed sensor, left front (2C205) -
2	521 (TN/OG)	Wheel speed sensor, left front (2C205) +

C152 (BK)

15A211

Fog lamp, left front (152C0)



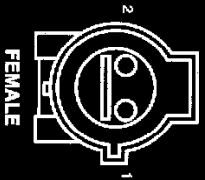
FEMALE

Pin	Circuit	Circuit function
A	57 (BK)	Ground
B	478 (TN/OG)	Fog lamp relay, to front fog lamp

C160 (BK)

12A581

Wheel speed sensor, right front (2C204)



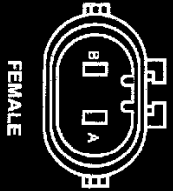
FEMALE

Pin	Circuit	Circuit function
1	516 (YE/BK)	Wheel speed sensor, right front (2C204) -
2	514 (YE/RD)	Wheel speed sensor, right front (2C204) +

C162 (BK)

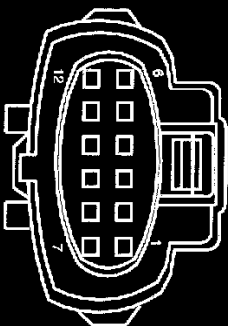
15A211

Fog lamp, right front (15200)



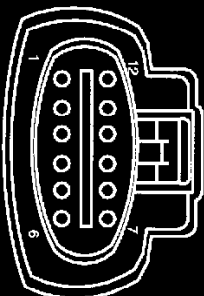
FEMALE

Pin	Circuit	Circuit function
A	57 (BK)	Ground
B	478 (TN/OG)	Fog lamp relay, to front fog lamp

C167 (BK)**15525**Digital Transmission Range
(DTR) sensor (7F293)

FEMALE

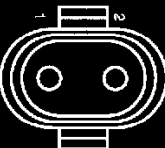
Pin	Circuit	Circuit function
1	—	not used
2	359 (GY/RD)	Signal return
3	199 (LB/YE)	Digital Transmission Range (DTR) sensor TR3A
4	1144 (YE/BK)	Digital Transmission Range (DTR) sensor TR1
5	1145 (LB/BK)	Digital Transmission Range (DTR) sensor, TR2
6	1143 (WH/BK)	Digital Transmission Range (DTR) sensor TR4
7	3659 (BK/PK)	Encoder, ground return
8	463 (RD/WH)	Reference voltage
9	295 (LB/PK)	Voltage in Run (overload protected)
10	33 (WH/PK)	Voltage supplied in Start (overload protected)
11	140 (BK/PK)	Voltage supplied in reverse
12	1093 (TN/RD)	Power, Hot in Start with Park or Neutral

C168 (GV)**15625**4R100 transmission
(7G391)

FEMALE

Pin	Circuit	Circuit function
1	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
2	315 (VT/OG)	Shift solenoid B, control
3	237 (OG/YE)	Shift solenoid A, control
4	480 (VT/YE)	Torque Converter Clutch (TCC) solenoid, control
5	924 (BV/OG)	Coast Clutch Solenoid (CCS), control
6	—	not used
7	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor, input
8	359 (GV/RD)	Signal return
9	—	not used
10	—	not used
11	925 (WH/YE)	Electronic Pressure Control (EPC) solenoid, control
12	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)

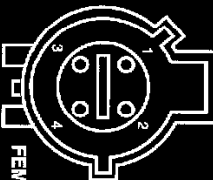
C169 (WH)
15525
 Reversing lamps switch



FEMALE

Pin	Circuit	Circuit function
1	140 (BK/PK)	Voltage supplied in reverse
2	295 (LB/PK)	Voltage in Run (overload protected)

C171 (GN)
12B637
 Heated Oxygen Sensor (HO2S) #11 (9F472)
 Heated Oxygen Sensor (HO2S) #11 (9F472)



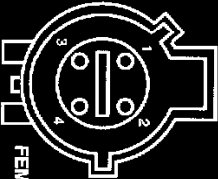
FEMALE

Pin	Circuit	Circuit function
1	387 (RD/WH)	Heated Oxygen Sensor (HO2S) #11 (9F472), heater
2	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	74 (GY/LB)	Heated Oxygen Sensor (HO2S) #11 (9F472), input
4	359 (GV/RD)	Signal return

C172 (an)

12B637

Heated Oxygen
Sensor (HO2S)
#21 (9F472)



FEMALE

Pin	Circuit	Circuit function
1	388 (VE/LB)	Heated Oxygen Sensor (HO2S) #21 (9F472), heater
2	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	94 (RD/BK)	Heated Oxygen Sensor (HO2S) #21 (9F472), input
4	359 (GY/RD)	Signal return

C174

12B637

Ignition transformer
capacitor 1 (18901)



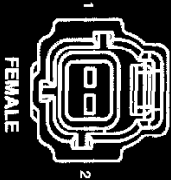
FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)

C179
(BK)

12B637

Elect. Vacuum Regulator
(EVR) solenoid valve



California

Pin	Circuit	Circuit function
1	391 (FD/YE)	Voltage supplied in Start and Run (overload protected)
2	360 (BN/PK)	EGR Vacuum Regulator (EVR), control

C180
(BK)

12B637

Camshaft position
sensor (6B288)



Pin	Circuit	Circuit function
1	796 (LB)	Camshaft position sensor (6B288), signal, return
2	795 (DG)	Camshaft position sensor (6B288), to, signal

C189 (BK)

12B637

Throttle Position
Sensor (TPS)
(9B999)



FEMALE

Pin	Circuit	Circuit function
A	351 (BV/WH)	Reference voltage
B	369 (GV/RD)	Signal return
C	73 (OG/LB)	position sense
D	(BK)	not used
E	(BK)	not used
F	(BK)	not used

C193 (BK)

15525

Output Shaft
Speed (OSS)
sensor (7M109)



FEMALE

Pin	Circuit	Circuit function
1	369 (GV/RD)	Signal return
2	136 (DB/YE)	Powertrain Control Module (PCM) (12A650) Output Shaft Speed (OSS) sensor (7M101)

C194 (GY)
12B637

Ignition transformer
capacitor 2 (18B01)

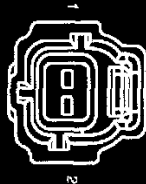


FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, ignition switch in Start or Run (not overload protected)

C196 (BK)
12A581

Daytime running
lamps resistor



FEMALE

Pin	Circuit	Circuit function
1	471 (OG/LG)	Daytime running lamps resistor, to Daytime Running Lamps (DRL) relay 2
2	554 (YE/BK)	Voltage supplied at all times (overload protected)

C197a
14B060
14300

Starter motor
(11002)



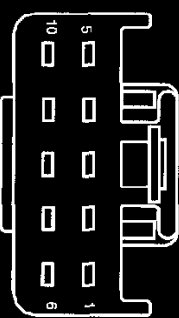
Pin	Circuit	Circuit function
1	113 (YE/LB)	Starter motor (11002), to, Starter relay (11450)

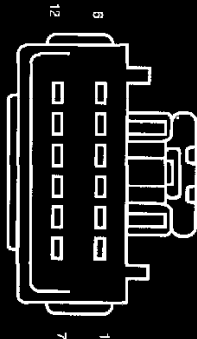
C197b
14B060
14300

Starter motor (11002)



Pin	Circuit	Circuit function
1	2037 (RD)	Battery Power

C202a (GV)		
14401		
Multifunction switch		
		
FEMALE		
Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	44 (LB)	Turn signal flasher, to turn signal switch
3	385 (WH/RD)	Turn signal flasher, to turn signal switch
4	—	not used
5	—	not used
6	196 (DB/OG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	15 (RD/YE)	Power, Hot with Headlamps on
9	13 (RD/BK)	Power, Hot with Low Beams on
10	—	not used

C202b (GV)		
14401		
Multifunction switch		
		
FEMALE		
Pin	Circuit	Circuit function
1	63 (RD)	Front wiper switch circuit A
2	56 (DB/OG)	Front wiper switch circuit C
3	58 (WH)	Front wiper switch circuit B
4	61 (YE/RD)	Front wiper switch circuit H
5	589 (OG)	Front washer switch circuit W
6	57 (BK)	Ground
7	2 (WH/LB)	Turn lamps, feed, right front
8	5 (OG/LB)	Turn lamps, feed, right rear
9	9 (LG/OG)	Turn lamps, feed, left rear
10	3 (LG/WH)	Turn lamps, feed, left front
11	993 (BN/WH)	Rear washer switch circuit E – Excursion
	—	not used – Pickup
12	1300 (VT)	Rear wiper switch circuit D
	—	not used – Pickup – Excursion

C203

14401

Power steering
rear window switch

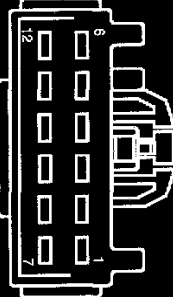


Pin	Circuit	Circuit function
1	405 (VT/LB)	Window regulator switch to back window switch
2	400 (LB/BK)	Accessory delay relay, switched output
3	57 (BK)	Ground
4	57 (BK)	Ground
5	19 (LB/RD)	Instrument illumination
6	57 (BK)	Ground
7	404 (VT/LG)	Window regulator switch to back window switch

C205a (GY)

14401

Main light switch
(11B94)



FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	14 (BN)	Fog lamps, feed
3	-	not used
4	-	not used
5	275 (YE)	Fog lamp relay, feed
6	57 (BK)	Ground
7	1399 (DB/WH)	autolamps, On
8	196 (DB/OG)	Voltage supplied at all times (overload protected)
9	15 (RD/YE)	Power, Hot with Headlamps on
10	195 (TN/WH)	Voltage supplied at all times (overload protected)
11	-	not used
12	14 (BN)	Power, Exterior lamps

C205b
14401
Main light switch
(11854)

(BK)

FEMALE

Pin	Circuit	Circuit function
1	19 (LB/RD)	Instrument illumination
2	402 (OG/LG)	Interior lamps control
3	-	not used
4	57 (BK)	Ground
5	-	not used
6	14 (BN)	Power, Exterior lamps

C210
14401

(BK)

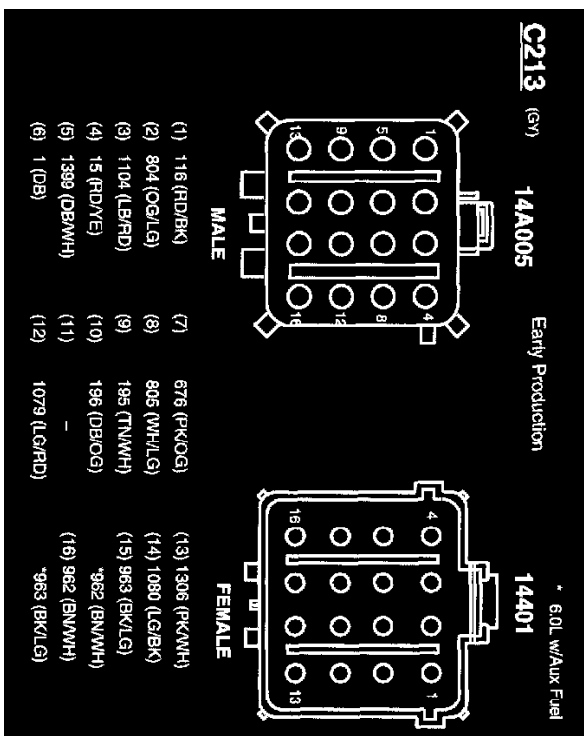
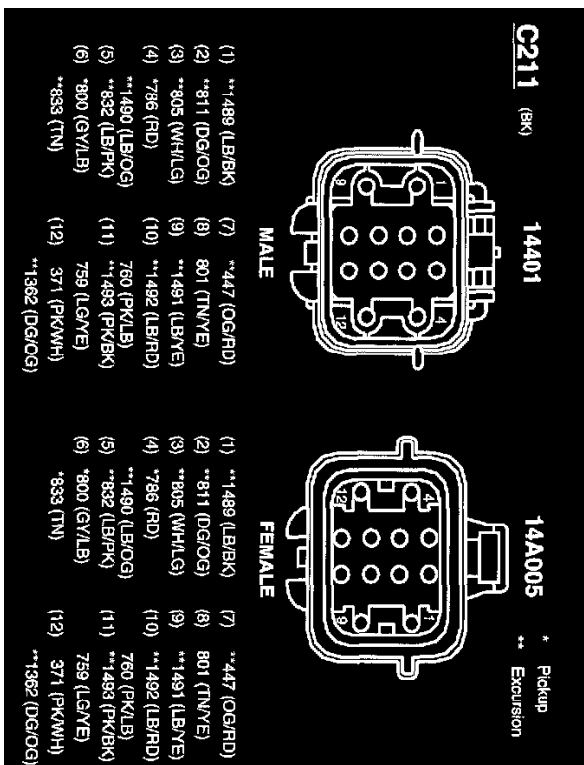
MALE

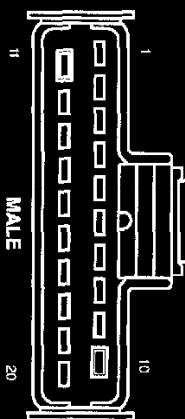
14A005

**Excursion
Pickup**

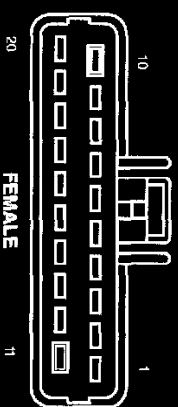
FEMALE

(1) **825 (TM/LG)	(9) 3 (LG/WH)	(1) 802 (OG/RD)	(9) -
(2) **802 (OG/RD)	(10) *1436 (VT/OG)	(2) 803 (BN/PK)	(10) -
(3) 803 (BN/PK)	**404 (VT/LG)	(3) 86 (BN/LB)	(11) 511 (LG)
(4) 85 (BN/LB)	(11) 511 (LG)	(4) 59 (DG/VT)	(12) 1082 (LB/BK)
(5) *19 (LB/RD)	(12) 1082 (LB/BK)	(5) **1088 (LG/BK)	(13) 53 (BK/LB)
(6) **59 (DG/VT)	(13) 53 (BK/LB)	(6) **805 (MH/LG)	(14) -
(7) *1058 (LG/BK)	(14) *1435 (DG/VT)	(7) 1081 (YE/RD)	(15) 693 (OG)
(8) **811 (DG/OG)	**405 (VT/LB)	(8) -	(16) *70 (LB/WH)
(9) *1300 (VT)	(15) 693 (OG)		
(10) **805 (WH/LG)	(16) *70 (LB/WH)		
(11) 1081 (YE/RD)			
(12) 2 (WH/LB)			



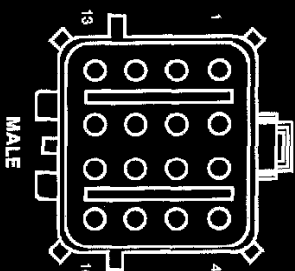
C213 (GN)Late Production
14401* Excursion
** without remote
keyless entry

MALE

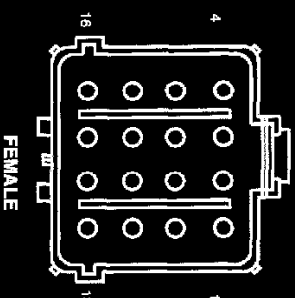
14A005

FEMALE

(1) *690 (GY)	(11) 813 (LB/MH)
(2) 801 (TN/YE)	(12) 1 (DB)
(3) *798 (OG/BK)	(13) -
(4) *48 (BK)	(14) 1080 (LG/BK)
(5) *894 (BK/LG)	(15) 1306 (PK/MH)
(6) 800 (GY/LB)	(16) 195 (TN/MH)
(7) *827 (TN/MH)	(17) 804 (OG/LG)
(8) 800 (GY/LB)	(18) 1104 (LB/RD)
(9) **799 (LG/YE)	(19) 1079 (LG/RD)
(10) *993 (BN/MH)	(20) 982 (BN/MH)
(11) *856 (PK)	
(12) *798 (LG/RD)	
(13) 983 (BK/LG)	

C214 (BK)**14401****14B079**

MALE



FEMALE

(1) 829 (WH/YT)	(7) -	(12) 825 (TN/LG)
(2) 894 (BK/LG)	(8) 1542 (RD)	(13) 800 (GY/LB)
(3) 1086 (LG/BK)	(9) 827 (TN/MH)	(14) 57 (BK)
(4) 19 (LB/RD)	(10) 802 (OG/RD)	(15) 833 (TN)
(5) 801 (TN/YE)	(11) 803 (BN/PK)	(16) 832 (LB/PK)
(6) -		

C218a (GY)
14401
 Air bag sliding
 contact (144064)

• Gasoline engines
 ** 6.0L

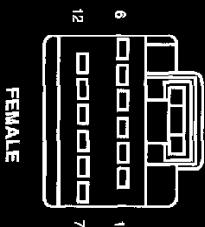
FEMALE

Pin	Circuit	Circuit function
1	1070 (BN/LB)	Audio/climate control switch, Climate Control System, signal (Excursion)
2	595 (LB/RD)	Auxiliary audio controls, steering wheel (Excursion)
3	151 (LB/BK)	Speed control switch, input
4	1 (DB)	Horn relay, control
5	19 (LB/RD)	Instrument illumination
6	*848 (DG/OG)	Signal return
6	**133 (BK)	Signal return
7	57 (BK)	Ground
8	158 (BK/PK)	Key warning switch (11A127), input

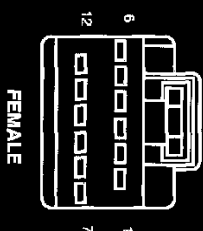
C218b (BK)
14401
 Air bag sliding
 contact (144064)

FEMALE

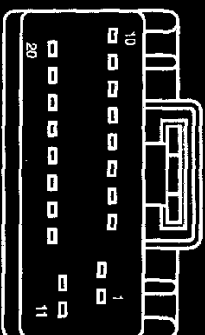
Pin	Circuit	Circuit function
1	615 (GY/MH)	Driver air bag, return
2	-	not used
3	614 (GY/OG)	Driver air bag, feed, monitor

C220a (GY)**14401**Instrument
cluster (10B49)

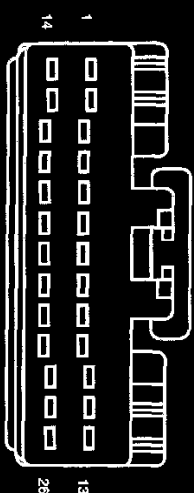
Pin	Circuit	Circuit function
1	914 (TN/OG)	SCP Bus +
2	915 (PK/LB)	SCP Bus -
3	29 (YE/WH)	Fuel pump/fuel gauge sender
4	396 (BK/OG)	Fuel sender, logic ground
5	3 (LG/WH)	Left turn signal, input
6	142 (LB/RD)	Air filter sensor - Diesel only
7	693 (OG)	UBP Diagnostics
8	402 (OG/LG)	Interior lamps, control
9	-	not used
10	-	not used
11	789 (BN/WH)	Fuel Tank Selector, indicator
12	1010 (DB/OG)	Rear window defrost switch (1B578), input

C220b (BK)**14401**Instrument
cluster (10B49)

Pin	Circuit	Circuit function
1	759 (LG/YE)	Door ajar switch, left rear, Door ajar switch, left front
2	760 (PK/LB)	Door ajar switch, right rear, Door ajar switch, right front
3	679 (GY/BK)	Vehicle speed signal
4	975 (BN/YE)	Four-wheel drive, Low, indicator, control
5	210 (LB)	Four-wheel drive, High, indicator, control
6	85 (BN/LB)	Safety belt buckle switch (10B924), input
7	698 (GY/LB)	Rear window defrost relay, control
8	1392 (LB)	Accessory delay relay, control
9	158 (BK/PK)	Key warning switch (11A127), input
10	1083 (LB/PK)	Air bag, tone driver
11	162 (LG/RD)	Parking brake switch (15A851)
12	904 (LG/RD)	Generator/Battery indicator, control

C220c (WH)**14401**Instrument cluster
(110849)* 6.0L
** Gas**FEMALE**

Pin	Circuit	Circuit function
1	54 (LG/YE)	Battery saver relay, switched output
2	53 (BK/LB)	Interior lamps relay, switched output
3	1269 (OG/RD)	Anti-Theft indicator
4	2 (WH/LB)	Flight turn signal, input
5	12 (LG/BK)	High beam indicator
6	-	not used
7	-	not used
8	**1308 (BN/OG)	Engine oil pressure indicator, control
8	**31 (WH/RD)	Fuel injector 8, open coil, Ground
9	512 (TN/LG)	Brake indicator, control
10	531 (DG/YE)	Brake fluid level switch (2L414), signal
11	705 (LG/OG)	Voltage supplied at all times (overload protected)
12	785 (BK/LG)	Voltage supplied at all times (overload protected)
13	676 (PK/OG)	logic ground
14	608 (BK/YE)	Air bag indicator, control
15	57 (BK)	Ground
16	19 (LB/RD)	Instrument illumination
17	203 (OG/LB)	Cruise set, indicator, control
18	603 (DG)	Anti-lock brake indicator, control
19	11002 (BK/PK)	Voltage in Run or Accessory (overload protected)
20	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)

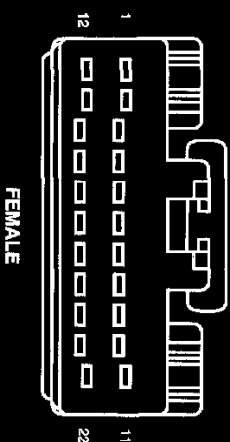
C228a (GY)**14401**Electronic Automatic
Temperature Control
(EATC) module
(19980)**FEMALE**

Pin	Circuit	Circuit function
1	-	not used
2	676 (PK/OG)	logic ground
3	752 (YE/RD)	Blower motor speed controller, signal return
4	436 (RD/LG)	Blend door actuator, position sense +
5	1070 (BN/LB)	Audioclimate control switch, Climate Control System, signal
6	-	not used
7	3061 (LB/OG)	Ambient air temperature sensor (19E702) +
8	-	not used
9	1112 (WH/LB)	Remote solenoid assembly, common
10	261 (GG/BK)	Blower motor, High
11	1111 (VT)	Remote solenoid assembly, control
12	1110 (LG/VT)	Remote solenoid assembly, control
13	1107 (WH)	Remote solenoid assembly, control
14	19 (LB/RD)	Instrument illumination
15	-	not used
16	754 (LG/WH)	Blower motor speed controller, command
17	-	not used
18	-	not used
19	790 (WH/OG)	In-vehicle temperature sensor (19C734) +
20	217 (DB/OG)	Sunload sensor (19E863), signal
21	437 (YE/LG)	Blend door actuator, position sense, monitor
22	-	not used
23	399 (BN/YE)	Blower motor relay, feed
24	-	not used
25	1109 (OG/BK)	Remote solenoid assembly, control
26	1108 (TN/WH)	Remote solenoid assembly, control

C228b (GY)

14401

Electronic Automatic
Temperature Control
(EATC) module
(19980)



Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	893 (OG)	UBP Diagnostics
4	-	not used
5	470 (PK/BK)	Sensor signal return (reference/ground)
6	438 (RD/WH)	Blend door actuator, Signal return
7	-	not used
8	-	not used
9	-	not used
10	-	not used
11	22 (LB/BK)	Voltage supplied at all times (overload protected)
12	-	not used
13	-	not used
14	-	not used
15	-	not used
16	-	not used
17	-	not used
18	348 (V7)	A/C demand signal
19	250 (OG)	Blend door actuator, control
20	249 (DB/LG)	Blend door actuator, control
21	-	not used
22	296 (WH/V7)	Voltage in Run (overload protected)

C233 (GY)

14401

In-vehicle
temperature
sensor (19C734)

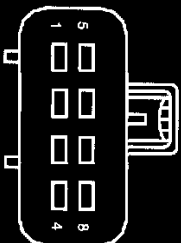


Pin	Circuit	Circuit function
1	790 (WH/OG)	In-vehicle temperature sensor (19C734) +
2	-	not used
3	470 (PK/BK)	Sensor signal return (reference/ground)

C241 (TN)

14401

Rear window defrost switch (18578)



FEMALE

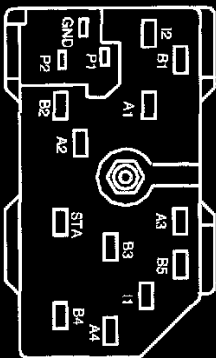
Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	1010 (DB/OG)	Rear window defrost switch (18578), Input
3	—	not used
4	57 (BK)	Illumination Ground
5	—	not used
6	59 (DG/VT)	Fused rear window defrost relay, switched power
7	—	not used
8	19 (LB/RD)	Instrument illumination

C250 (BK)

14401

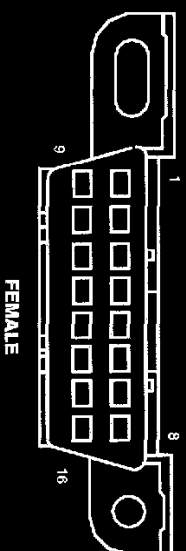
Ignition switch (11672)

* 6.0L
** others



FEMALE

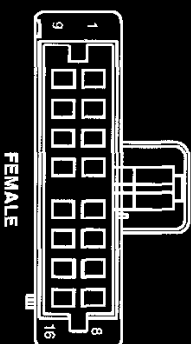
Pin	Circuit	Circuit function
A1	964 (DB/LG)	Voltage, Ignition switch in Accessory or Run (not overload protected)
A2	—	not used
A3	1040 (RD/BK)	voltage, Ignition switch In Run (not overload protected)
A4	687 (GY/YE)	voltage, Ignition switch In Run (not overload protected)
B1	37 (YE)	Voltage supplied at all times (overload protected)
B2	—	not used
B3	37 (YE)	Voltage supplied at all times (overload protected)
B4	1050 (LG/VT)	Voltage supplied at all times (overload protected)
B5	325 (DB/OG)	Voltage supplied at all times (overload protected)
I1	**1044 (WH/YE)	Voltage, Ignition switch in Start or Run (not overload protected)
I1	**16 (RD/LG)	not used
I2	—	not used
P1	—	not used
P2	—	not used
STA	1522 (DG)	Voltage, Ignition switch in Start (not overload protected)
GND	—	not used

C251 (BK)**14401**Data Link Connector
(DLC) (14489)

Pin	Circuit	Circuit function
1	-	not used
2	914 (TN/OG)	SCP Bus +
3	693 (OG)	UBP Diagnostics
4	57 (BK)	Ground
5	570 (BK/WH)	Ground
6	3072 (PK/YE)	CAN Bus 1H
7	70 (LB/WH)	ISO Bus
8	-	not used
9	-	not used
10	915 (PK/LB)	SCP Bus -
11	-	not used
12	-	not used
13	107 (VT)	Module programming signal
14	3073 (RD/WH)	CAN Bus 1L
15	-	not used
16	40 (LB/WH)	Voltage supplied at all times (overload protected)

C252 (GN)**14401**

Passive anti-theft transceiver module (19K566)

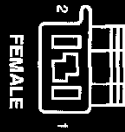


Pin	Circuit	Circuit function
1	1215 (WH/LG)	TX signal
2	1269 (OG/RD)	Anti-Theft Indicator
3	-	not used
4	915 (PK/LB)	SCP Bus -
5	914 (TN/OG)	SCP Bus +
6	165 (TN/WH)	TX -
7	-	not used
8	22 (LB/BK)	Voltage supplied at all times (overload protected)
9	1216 (GY/OG)	RX signal
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	676 (PK/OG)	Ground
15	1266 (RD/YE)	Voltage, ignition switch in Start or Run (overload protected)
16	-	not used

C254 (BN)

14401

Glove box lamp (14413)

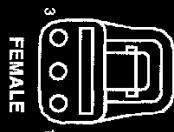


Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	54 (LG/YE)	Battery saver relay, switched output

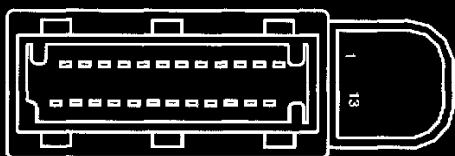
C256 (BK)

14401

Passenger air bag
module (15C4A474)



Pin	Circuit	Circuit function
1	616 (PK/BK)	Passenger air bag, return
2	-	not used
3	607 (LB/OG)	Passenger air bag, feed, monitor

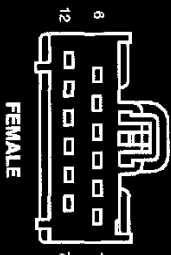
C270a (BK)**14401**Central Junction Box
(CJB) (144087)12 24
FEMALE* with EATC
** Pickup, with electronic shift on the fly

*** 6.0L

† Excursion

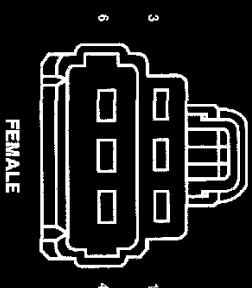
Pin	Circuit	Circuit function
1	54 (LG/YE)	Battery seaver relay, switched output
2	1000 (RD/BK)	Voltage supplied in Start (overload protected)
3	22 (LB/BK)	Voltage supplied at all times (overload protected)
4	**33 (WH/PK)	Voltage supplied in Start (overload protected)
5	296 (WH/VT)	Voltage in Run (overload protected)
6	***1044 (WH/YE)	Voltage, ignition switch in Start or Run (not overload protected)
7	1306 (PK/WH)	Voltage supplied at all times (overload protected)
8	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
9	57 (BK)	Ground
	† 698 (GY/LB)	Rear window defrost relay, control
10	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
11	296 (WH/VT)	Voltage in Run (overload protected)
	*399 (BN/YE)	Blower motor relay, control
12	399 (BN/YE)	Blower motor relay, control
	*57 (BK)	Ground

Pin	Circuit	Circuit function
13	12 (LG/BK)	Fog lamp relay control
14	1332 (LB)	Accessory delay relay, control
15	705 (LG/OG)	Voltage supplied at all times (overload protected)
16	294 (WH/LB)	Voltage in Run (overload protected)
17	275 (YE)	Fog lamp relay, control
18	609 (OG/YE)	Voltage in Run (overload protected)
19	1 (DB)	Horn relay, control
20	418 (DG/YE)	Voltage in Run (overload protected)
21	295 (LB/PK)	Voltage in Run (overload protected)
22	238 (DG/YE)	Fuel pump relay, switched power, output
23	194 (PK)	Accessory delay relay, switched output
24	829 (WH/VT)	Voltage supplied at all times (overload protected)

C270b (GY)**14401**Central Junction Box
(CJB) (14A067)

* 6.0L

Pin	Circuit	Circuit function
*1	792 (TN/YE)	Voltage supplied at all times (overload protected)
2	10 (LG/RD)	Voltage supplied at all times (overload protected)
3	-	not used
4	1286 (RD/YE)	Voltage supplied in Start and Run (overload protected)
5	14 (BN)	Power, Exterior lamps
6	785 (BK/LG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	1522 (DG)	Voltage, Ignition switch in Start (not overload protected)
9	12 (LG/BK)	Power, Hot with High Beams on
10	196 (TN/WH)	Voltage supplied at all times (overload protected)
11	-	not used
12	196 (DB/OG)	Voltage supplied at all times (overload protected)

C270c (BK)**14401**Central Junction Box
(CJB) (14A067)* 6.0L
** others

Pin	Circuit	Circuit function
1	1040 (RD/BK)	voltage, Ignition switch in Run (not overload protected)
2	37 (YE)	Voltage supplied at all times (overload protected)
3	*544 (VT)	Voltage supplied at all times (overload protected)
	**1050 (LG/VT)	Voltage supplied at all times (overload protected)
4	*1044 (WH/YE)	Voltage, Ignition switch in Start or Run (not overload protected)
	**16 (RD/LG)	Voltage, Ignition switch in Start or Run (not overload protected)
5	687 (GY/YE)	voltage, Ignition switch in Run (not overload protected)
6	964 (DB/LG)	Voltage, Ignition switch in Accessory or Run (not overload protected)

C270d (GY)
14401
Central Junction Box
(CJB) (14A067)

FEMALE

* Excursion
** 6.0L

Pin	Circuit	Circuit function
1	1542 (RD)	Voltage supplied at all times (overload protected)
2	—	not used
3	***1567 (RD/LB)	Voltage supplied at all times (overload protected)
4	—	not used
5	**364 (BK/LG)	Voltage supplied at all times (overload protected)
6	797 (LG/VT)	Voltage supplied at all times (overload protected)
7	400 (LB/BK)	Accessory delay relay, switched output
8	—	not used
7	40 (LB/MH)	Voltage supplied at all times (overload protected)
8	59 (DG/VT)	Rear window defrost relay, switched output

C270e (BK)
14401
Central Junction Box
(CJB) (14A067)

FEMALE

Pin	Circuit	Circuit function
1	50 (RD)	Voltage supplied at all times (overload protected)
2	1049 (BN/PK)	Voltage supplied at all times (overload protected)
3	116 (RD/BK)	Voltage supplied at all times (overload protected)
4	325 (DB/OG)	Voltage supplied at all times (overload protected)

C270f (BK)

12A581

Central Junction Box
(CJB) (14A067)

* 6.0L
** others
*** TorqShift



FEMALE

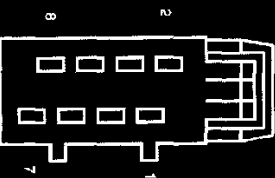
Pin	Circuit	Circuit function
1	140 (BK/PK)	Voltage supplied in reverse
2	161 (DG/OG)	Headlamp, right (13008), (Low beam lamp feed)
3	160 (DB/WH)	Headlamp, left (13008), (Low beam lamp feed)
4	*1155 (YE/BK)	Voltage in Run (overload protected)
4	**533 (TN/RD)	Voltage supplied at all times (overload protected)
5	57 (BK)	Ground
6	**1093 (TN/RD)	Power, Hot in Start with Park or Neutral
6	***33 (WH/PK)	Voltage supplied in Start (overload protected)
7	54 (LG/YE)	Battery saver relay, switched output
8	324 (YE/LG)	Reversing lamps relay, control
9	*262 (BN/PK)	Switched ground
9	**57 (BK)	Ground
10	926 (LB/OG)	Fuel pump relay, control
11	57 (BK)	Ground
12	321 (GY/WH)	A/C clutch relay, switched output

C270g (BK)

12A581

Central Junction Box
(CJB) (14A067)

* 6.0L

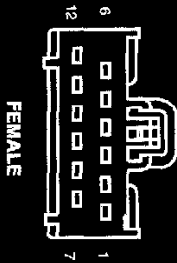


FEMALE

Pin	Circuit	Circuit function
1	*140 (BK/PK)	Reversing lamps relay, switched output
2	113 (YE/LB)	Starter motor (11002), to, Starter relay (11450)
3	-	not used
4	13 (RD/BK)	Power, Hot with Low Beams on
5	-	not used
6	181 (BN/OG)	Blower motor relay, switched output
7	729 (RD/WH)	Voltage supplied at all times (overload protected)
8	-	not used
8	*16 (RD/LG)	Fuel heater relay, control

C270h (BK)**12A581**Central Junction Box
(CJB) (14A067)

* 6.0L



Pin	Circuit	Circuit function
1	12 (LG/BK)	Power, Hot with High Beams on
2	478 (TN/OG)	Fog lamp relay, to front fog lamp
3	14 (BN)	Power, Exterior lamps
4	-	not used
5	*57 (BK)	Ground
6	361 (RD)	Voltage supplied in Start and Run (overload protected)
7	381 (RD/YE)	Voltage supplied in Start and Run (overload protected)
8	295 (LB/PK)	Voltage in Run (overload protected)
9	33 (WH/PK)	Voltage supplied in Start (overload protected)
10	6 (YE/LG)	Horn relay, switched output
11	238 (DG/YE)	Fuel pump relay, switched power, output - gasoline engines
12	326 (WH/VT)	Voltage supplied at all times (overload protected)
	534 (YE/BK)	Voltage supplied at all times (overload protected)

C270j (BK)**14A005**Central Junction Box
(CJB) (14A067)

* Excursion



Pin	Circuit	Circuit function
1	*109 (VT/WH)	Voltage supplied at all times (overload protected)
2	-	not used
3	936 (OG/LG)	Voltage supplied at all times (overload protected)
4	-	not used
5	*829 (WT/VT)	Voltage supplied at all times (overload protected)
6	-	not used
7	963 (BK/LG)	Trailer tow relay, reversing lamp, switched output
8	-	not used
9	*297 (BK/LG)	Voltage in Run or Accessory (overload protected)
10	-	not used
11	194 (PK)	Accessory delay relay, switched output
12	14 (BN)	Power, Exterior lamps
13	-	not used
14	295 (LB/PK)	Voltage in Run (overload protected)
15	962 (BN/WH)	Trailer tow relay, parking lamp, switched output
16	54 (LG/YE)	Battery saver relay, switched output

C270K (WH)
14A005
Central Junction Box
(CJB) (14A067)

FEMALE

• Pickup

Pin	Circuit	Circuit function
1	1362 (DG/OG)	Voltage supplied at all times (overload protected)
2	1544 (OG)	Voltage supplied at all times (overload protected)
3	186 (BN/LB)	not used
4	—	Rear window defrost relay, switched output
5	49 (OG)	not used
6	59 (DG/VT)	Trailer tow relay, battery charge, switched output
7	1153 (RD/BK)	Heated mirrors
8	1543 (YE)	not used
	—	Voltage supplied at all times (overload protected)
	—	Voltage supplied at all times (overload protected)
	—	not used
	—	not used

C270I (GY)
14A005
Central Junction Box
(CJB) (14A067)

FEMALE

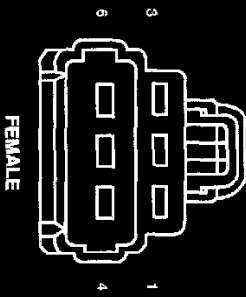
• Excursion

Pin	Circuit	Circuit function
1	—	not used
2	—	not used
3	*406 (BN/WH)	Voltage supplied at all times (overload protected)
4	51 (BK/WH)	Voltage supplied at all times (overload protected)
5	566 (DG)	Voltage supplied at all times (overload protected)
6	400 (LB/BK)	Accessory delay relay, switched output

C270m (RD)

14401

Central Junction Box
(CJB) (144067)



FEMALE

Pin	Circuit	Circuit function
1	—	not used
2	704 (DG/LG)	Voltage supplied at all times (overload protected)
3	532 (OG/YE)	Voltage supplied at all times (overload protected)
4	—	not used
5	—	not used
6	65 (DG)	Voltage supplied at all times (overload protected)

C270p

14300

Central Junction Box
(CJB) (143067)



Pin	Circuit	Circuit function
1	2037 (RD)	Battery Power

C278 (TN)

14401

Brake pedal position switch (13480)

FEMALE

Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	810 (RD/LG)	Brake pedal position switch (13480), input
3	22 (LB/BK)	Voltage supplied at all times (overload protected)
4	511 (LG)	Brake pedal position switch (13480), to stoplamps
5	10 (LG/RD)	Voltage supplied at all times (overload protected)

C281a (GY)

14401

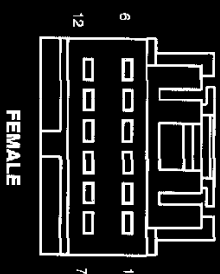
Four-wheel drive control module (14B466)

FEMALE

Pin	Circuit	Circuit function
1	1306 (PK/WH)	Voltage supplied at all times (overload protected)
2	1306 (PK/WH)	Voltage supplied at all times (overload protected)
3	57 (BK)	Ground
4	810 (RD/LG)	Voltage supplied in Start and Run (overload protected)
5	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
6	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
7	976 (OG)	Power to encoder
8	3659 (BK/PK)	encoder, Ground, return
9	771 (VT/YE)	Motor position 5
10	764 (BR/WH)	Motor position 3
11	770 (WH)	Motor position 4
12	763 (OR/WH)	Motor position 2

14401

Four-wheel drive control module (14B466)

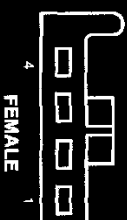


* Pickup

Pin	Circuit	Circuit function
1	145 (GY/BK)	Shift solenoid 4x4
2	780 (DB)	Four-wheel drive switch, position signal
3	679 (GY/BK)	vehicle speed signal
4	463 (RD/WH)	Neutral, switch sense, input
5	782 (BN/WH)	Transfer case low to high relay, control
6	781 (OG/LB)	Transfer case high to low relay, control
7	605 (RD)	Shift solenoid 4x2
8	*33 (WH/PK)	Voltage supplied in Start (overload protected)
9	465 (WH/LB)	position Signal return
10	70 (LB/WH)	ISO Bus
11	975 (BN/YE)	Four-wheel drive Low indicator, control
12	210 (LB)	Four-wheel drive High indicator, control

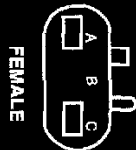
C284
(GY)

14401



Pin	Circuit	Circuit function
1	19 (L/R/F/D)	Instrument illumination
2	780 (DB)	Four-wheel drive switch, position signal
3	485 (WH/LB)	Four-wheel drive switch, signal return
4	57 (BK)	Ground

C286 (BK)
14401
Sunroof sensor
(13A018)

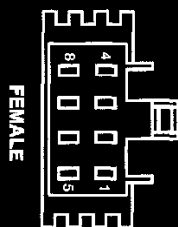


Pin	Circuit	Circuit function
A	217 (DB/OG)	signal to Electronic Automatic Temperature Control (EATC) module (19980)
B	57 (BK)	Ground - Pickup
B	676 (PK/OG)	Ground - Excursion
C	1104 (LB)	signal to Vehicle Security Module (VSM) (15K602)

C289 (WH)
14401

Temperature blend
door actuator (19E816)

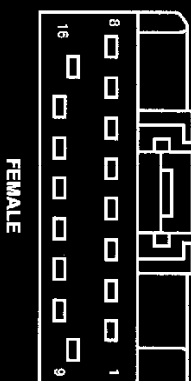
* with manual A/C
** with EATC



Pin	Circuit	Circuit function
1	**437 (YE/LG)	Air temperature door variable resistor, wiper
2	*	not used
3	**	not used
4	*437 (YE/LG)	Air temperature door variable resistor, wiper
5	**436 (RD/LG)	Air temperature door variable resistor
6	438 (RD/WH)	Air temperature door variable resistor +
7	**249 (DB/LG)	Blend door actuator, CW
8	**250 (OG)	Voltage In Run (overload protected)
9	**57 (BK)	Blend door actuator, CCW
10		Ground

C290a (BK)**14401**

Radio (18808)



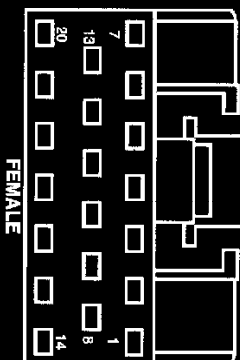
Pin	Circuit	Circuit function
1	19 (LB/RD)	Instrument illumination
2	57 (BK)	Instrument illumination, Ground
3	1000 (RD/BK)	Voltage supplied in Start (overload protected)
4	-	not used
5	*825 (TN/LG)	Speaker, right rear (18808)
	**802 (OG/RD)	Rear Integrated Control Panel (RICP) (19980) +
6	803 (BN/PK)	Speaker, right rear (18808) -
7	805 (WH/LG)	Speaker, right front (18808) +
8	811 (DG/OG)	Speaker, right front (18808) -
9	797 (LG/VT)	Voltage supplied at all times (overload protected)
10	194 (PK)	Accessory delay relay, switched output
11	694 (BK/LG)	Ground
12	*827 (TN/WH)	Speaker, left rear (18808)
	**800 (GY/LB)	Rear Integrated Control Panel (RICP) (19980) +
12	-	not used
13	801 (TN/VE)	Speaker, left rear (18808) -
14	804 (OG/LG)	Speaker, left front (18808) +
15	813 (LB/WH)	Speaker, left front (18808) -
16	694 (BK/LG)	Ground

* Base audio

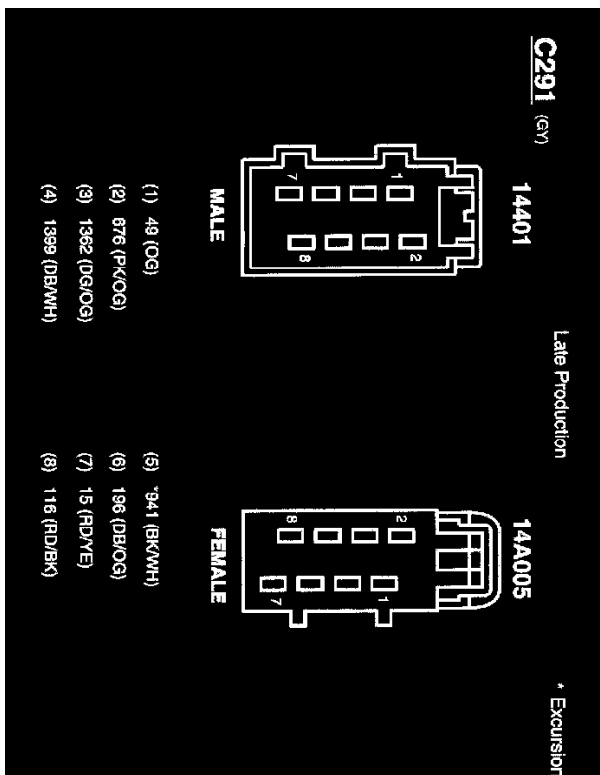
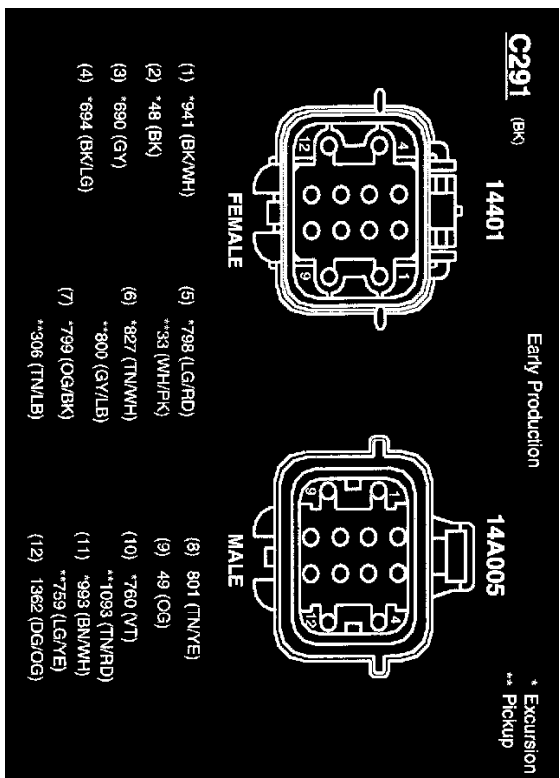
** Highline audio

C290b (BK)**14401**

Radio (18808)



Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	-	not used
4	-	not used
5	1068 (LG/BK)	Audio System ON (ASYSON)
6	832 (LB/PK)	Audio corporate protocol (A)
7	833 (TN)	Audio corporate protocol (B)
8	-	not used
9	679 (GY/BK)	Vehicle speed signal
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	595 (LB/RD)	Auxiliary audio controls, steering wheel
15	-	not used
16	48 (BK)	Drain wire
17	690 (GY)	Audio signal positive Flight to Video System
18	799 (OG/BK)	Audio signal negative Flight to Video System
19	856 (VT)	Audio signal positive Left to Video System
20	798 (LG/RD)	Audio signal negative Left to Video System



C294a (RD)

14401

Function selector switch assembly, front

4
FEMALE
1

Pin	Circuit	Circuit function
1	296 (WH/VT)	Voltage in Run (overload protected)
2	348 (VT)	AC demand signal
3	399 (BN/YE)	Blower motor relay, control
4	57 (BK)	Ground

C294b (BK)

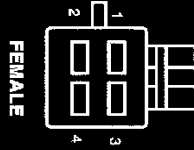
14401

Function selector switch assembly, front

2
FEMALE
1

Pin	Circuit	Circuit function
1	19 (LB/RD)	Instrument illumination
2	57 (BK)	Ground

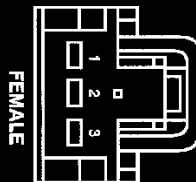
14401



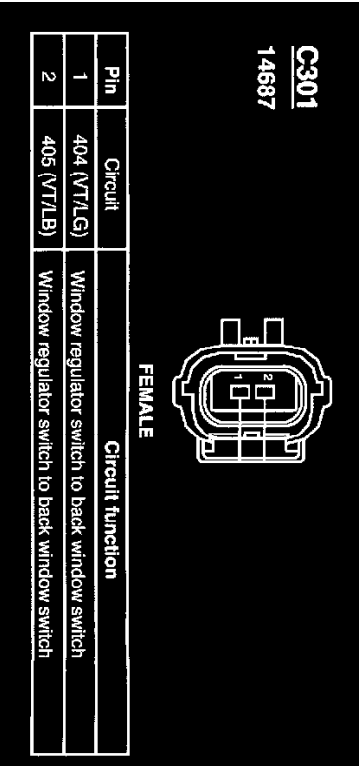
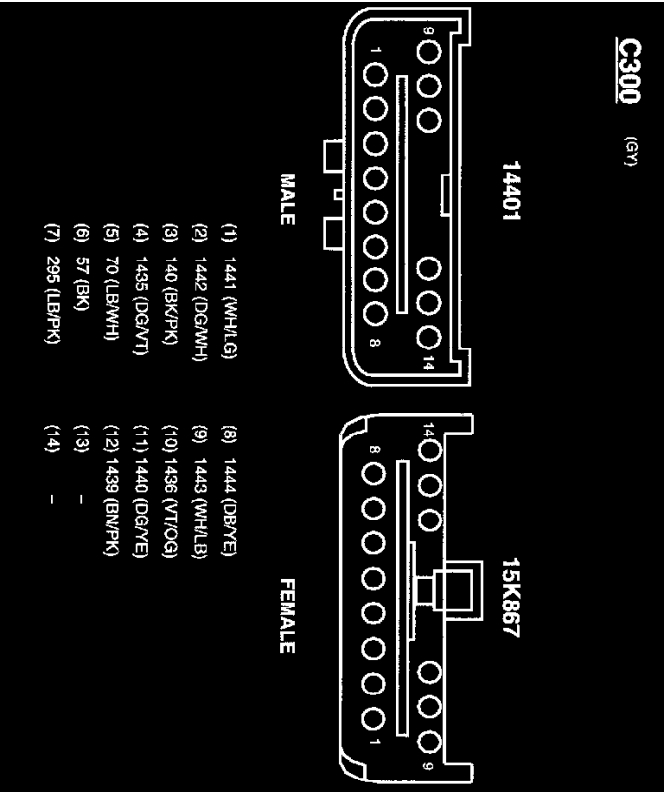
Pin	Circuit	Circuit function
1	261 (OG/BK)	Blower motor, to switch – High
2	754 (LG/WH)	Blower switch speed control, to resistor
3	57 (BK)	Ground
4	752 (YE/BD)	Blower switch speed control, to resistor

14401

Function selector switch assembly, front



Pin	Circuit	Circuit function
1	436 (RD/LG)	Air temperature door variable resistor +
2	437 (YE/LG)	Air temperature door variable resistor, wiper
3	438 (RD/WH)	Air temperature door variable resistor -



C303 (VE)
14A005
Passenger
safety belt
retractor
pretensioner



Pin	Circuit	Circuit function
1	1081 (YE/RO)	Passenger safety belt retractor pretensioner, feed
2	1082 (LB/BK)	Passenger safety belt retractor pretensioner, return

C312
14A005

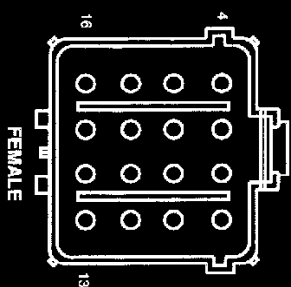


Pin	Circuit	Circuit function
1	404 (VT/LG)	Window regulator switch to back window switch
2	405 (VT/LB)	Window regulator switch to back window switch

C313

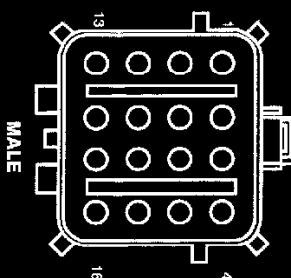
(GY)

14335



- (1) 941 (BK/WH)
- (2) 983 (BN/WH)
- (3) 1300 (VT)
- (4) 829 (WH/VT)
- (5) 1088 (LG/BK)
- (6) 694 (BK/LG)

14A005



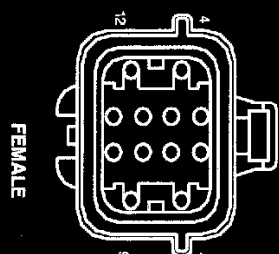
- (7) 23 (TN/LG)
- (8) 48 (BK)
- (9) 406 (BN/WH)
- (10) 798 (LG/RD)
- (11) 799 (OG/BK)
- (12) 690 (GY)

- (13) 832 (LB/PK)
- (14) 833 (TN)
- (15) 856 (VT)
- (16) 799 (OG/BK)

C314

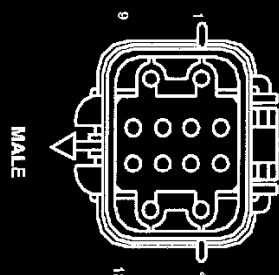
(BK)

14335



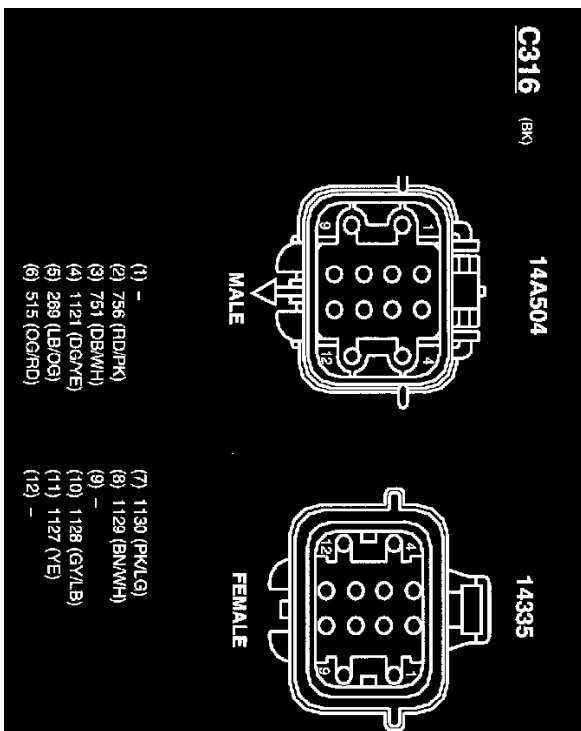
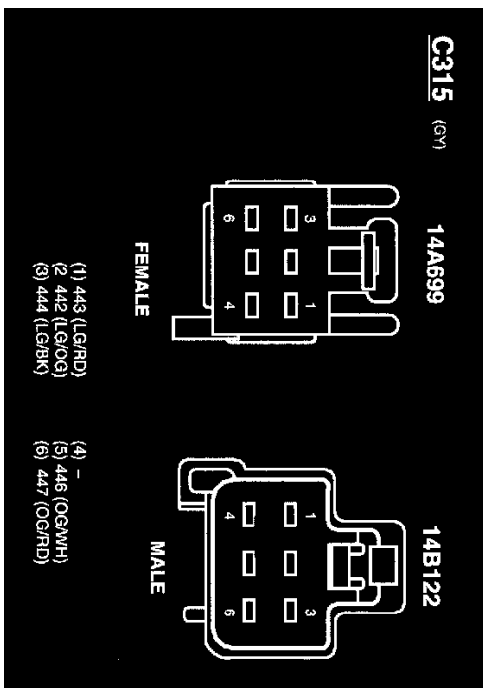
- (1) 118 (PK/OG)
- (2) -
- (3) 19 (LB/RD)
- (4) 117 (PK/BK)

14A005



- (5) 53 (BK/LB)
- (6) 297 (BK/LG)
- (7) 54 (LG/YE)
- (8) -

- (9) 186 (BN/LB)
- (10) 511 (LG)
- (11) 57 (BK)
- (12) 194 (PK)



C320
(BN)

14B084
14A699

Seat heater
switch, driver side

FEMALE

Pin	Circuit	Circuit function
1	1064 (YE/LB)	Seat cushion heater, left front, heater, feed
2	1255 (WH/RD)	Heat seat control switch, to heater
3	-	not used
4	57 (BK)	Ground
5	-	not used
6	-	not used
7	-	not used
8	-	not used

C321
(BN)

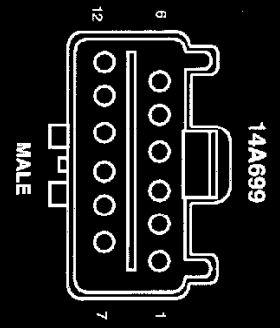
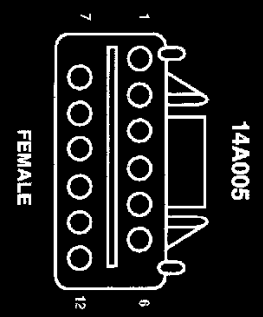
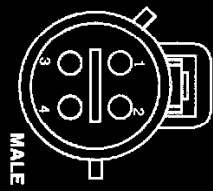
14B084

Seat heater
switch,
passenger side

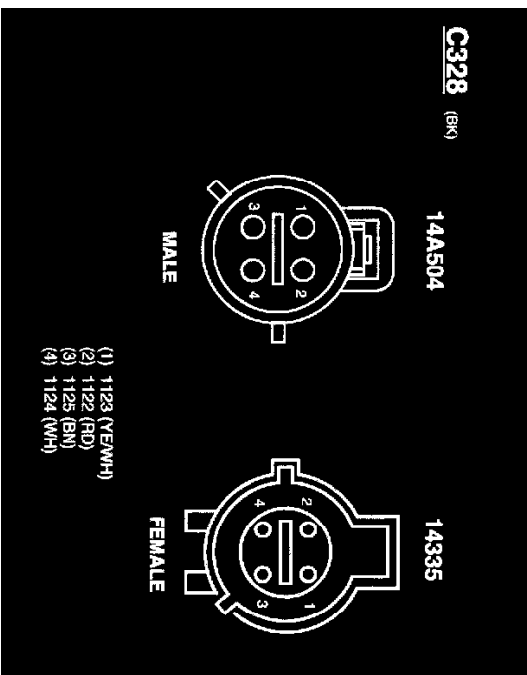
FEMALE

Pin	Circuit	Circuit function
1	1064 (YE/LB)	Seat cushion heater, right front, heater, feed
2	1255 (WH/RD)	Heated seat control switch to module, driver seat enable
3	-	not used
4	57 (BK)	Ground
5	-	not used
6	-	not used
7	-	not used
8	-	not used

Pin	Circuit	Circuit function
1	—	not used
2	85 (BN/LB)	Safety belt buckle switch (10B924), input
3	57 (BK)	Ground
4	—	not used



(1) 956 (OG/LG)	(7) 676 (PK/OG)
(2) 295 (LB/PK)	(8) 1153 (RD/BK)
(3) 1490 (LB/OG)	(9) 566 (DG)
(4) 57 (BK)	(10) 1255 (WH/RD)
(5) 447 (OG/RD)	(11) 446 (OG/WH)
(6) 86 (BMLB)	(12) 1469 (LB/BK)



C330 (BK)

14B084

Seat adjust switch,
passenger side
front

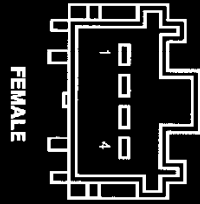
MALE

Pin	Circuit	Circuit function
1	989 (RD/LG)	Front height motor, Down
2	51 (BK/WH)	Voltage supplied at all times (overload protected)
3	987 (RD/WH)	Fwd/Rwd motor, Rearward
4	57 (BK)	Ground
5	984 (YE/LB)	Rear height motor, Up
6	988 (YE/LG)	Front height motor, Up
7	985 (RD/LB)	Rear height motor, Down
8	986 (YE/WH)	Fwd/Rwd motor, Forward

C334 (BK)

14B084

Seat cushion
heater, right front



Pin	Circuit	Circuit function
1	1066 (GY/LB)	Seat back heater, right front, heater, feed
2	-	not used
3	-	not used
4	1064 (YE/LB)	Seat cushion heater, right front, heater, feed

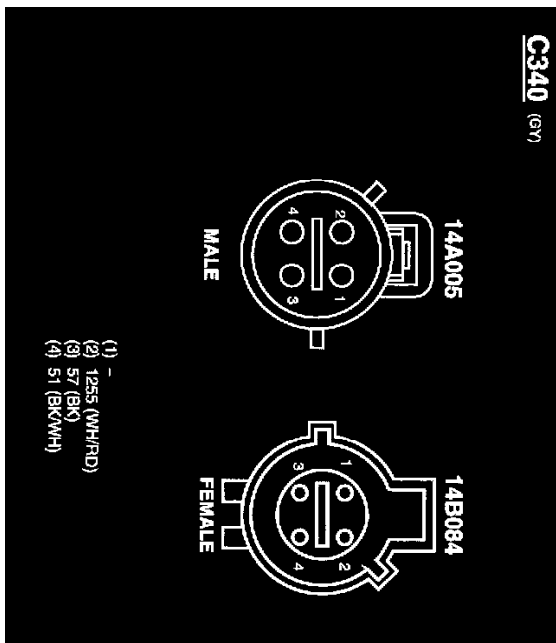
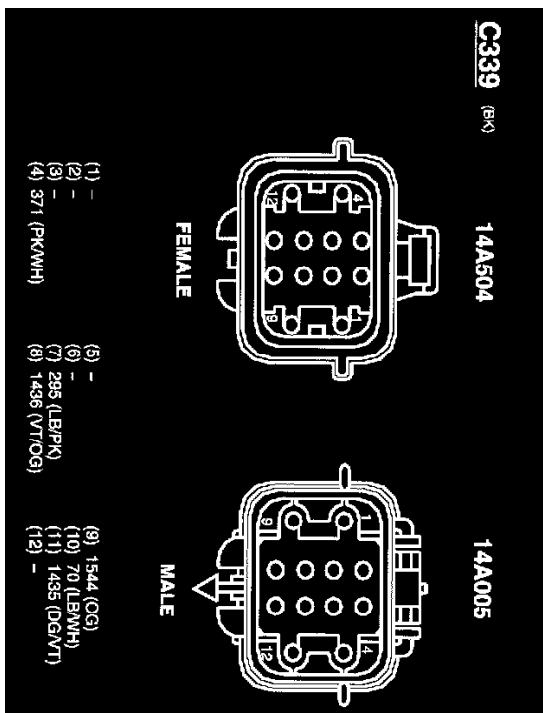
C335 (BK)

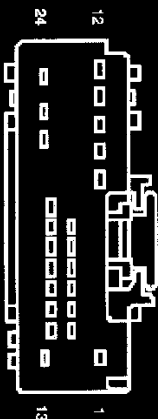
14B084

Seat back heater,
right front



Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	1066 (GY/LB)	Seat back heater, right front, heater, feed

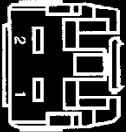


C341a (GY)**14A699**Driver seat module
(14C708)**FEMALE**

Pin	Circuit	Circuit function
1	1469 (FD/LB)	Driver seat module (14C718), Front up/down circuit
2	-	not used
3	1467 (GY/YE)	Rear up/down circuit, Down
4	1468 (GY/LB)	Rear up/down circuit, Up
5	442 (LG/OG)	Driver memory seat horizontal sensor, monitor
6	443 (LG/RD)	Driver memory seat front height sensor, monitor
7	1463 (RD/YE)	Front up/down circuit, Up
8	-	not used
9	1474 (RD/LG)	Driver seat module (14C718), Rear up/down circuit
10	1489 (LB/BK)	Adjustable pedal motor (2C429), Forward – with memory

Pin	Circuit	Circuit function
11	1471 (RD/WH)	Driver seat module (14C718), Forward/rearward circuit
12	1490 (LB/OG)	Adjustable pedal motor (2C429), Rearward – with memory
13	447 (OG/RD)	Sensor, return
14	1465 (GY/WH)	Seat rearward, signal
15	1466 (GY/OG)	Seat Forward signal
16	1464 (YE)	Front up/down circuit, Down
17	444 (LG/BK)	Driver memory seat rear height sensor, monitor
18	-	not used
19	446 (OG/WH)	Sensor, feed Driver seat module (14C718), Forward/rearward circuit
20	-	not used
21	-	not used
22	1472 (YEW/H)	Driver seat module (14C718), Forward/rearward circuit
23	1473 (YE/LG)	Driver seat module (14C718), Rear up/down circuit
24	1470 (YE/LB)	Driver seat module (14C718), Front up/down circuit

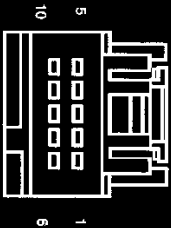
C341b (GY)
14A699
Driver seat module
(14C708)



FEMALE

Pin	Circuit	Circuit function
1	566 (DG)	Voltage supplied at all times (overload protected)
2	57 (BK)	Ground

C341c
14A005
Driver seat module
(14C708)



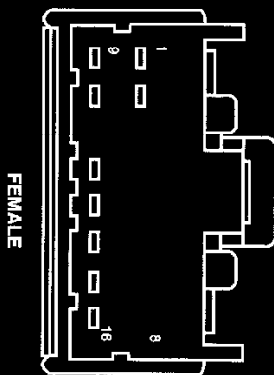
FEMALE

Pin	Circuit	Circuit function
1	109 (V7/MH)	Voltage supplied at all times (overload protected)
2	693 (CG)	UBP Diagnostics
3	268 (BK/OG)	Memory set switch (14776), position 2
4	267 (BN/LG)	Memory set switch (14776), position 1
5	270 (BN/OG)	Memory set switch (14776), position 3
6	676 (PK/OG)	logic ground
7	1491 (LB/YE)	Accelerator pedal position sensor monitor
8	1493 (PK/BK)	Adjustable pedal switch input
9	1492 (LB/RD)	Adjustable pedal switch input
10	272 (WH/OG)	Memory set switch (14776), Switch illumination

C349 (BK)

14B079

Rear Integrated
Control Panel
(RIPC) (1980)

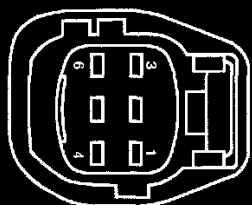


Pin	Circuit	Circuit function
1	825 (TN/LG)	Speaker, right rear (18808) +
2	802 (OG/RD)	Speaker, right rear (18808) +
3	803 (BN/PK)	Speaker, right rear (18808)
4	-	not used
5	801 (TN/YE)	Speaker, left rear (18808)
6	800 (GY/LB)	Speaker, left rear (18808) +
7	827 (TN/WH)	Speaker, left rear (18808) +
8	-	not used
9	1068 (LG/BK)	Audio System ON (ASYSO)
10	829 (WH/VT)	Voltage supplied at all times (overhead protected)
11	694 (BK/LG)	Ground
12	832 (LB/PK)	Audio corporate protocol (A)
13	833 (TN)	Audio corporate protocol (B)
14	-	not used
15	57 (BK)	Illumination, Ground
16	19 (LB/RD)	Instrument illumination

C350a (GY)

15525

Transfer case
assembly



Pin	Circuit	Circuit function
1	763 (OG/WH)	Motor position 2
2	976 (OG)	In On/Off
3	764 (BN/WH)	Motor position 3
4	3659 (BK/PK)	Transfer case, Neutral, signal
5	771 (VT/YE)	Motor position 5
6	770 (WH)	Motor position 4

C350b
15525

(BK)

Transfer case
assembly



FEMALE

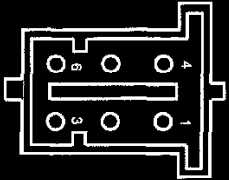
Pin	Circuit	Circuit function
1	777 (YE)	Low to High
2	778 (OG)	High to Low

C357
14B084
14A699

(BN)

Power seat motor
assembly, left

* with memory



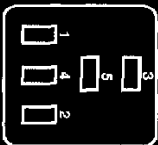
MALE

Pin	Circuit	Circuit function
1	*1472 (YE/MH)	Driver seat module (14C718), Forward/rearward circuit
	980 (YE/MH)	Fwd/Rwd motor, Forward
2	*1474 (RD/LG)	Driver seat module (14C718), Rear up/down circuit
	983 (RD/LG)	Rear height motor, Up
3	*1473 (YE/LG)	Driver seat module (14C718), Rear up/down circuit
	982 (YE/LG)	Rear height motor, Down
4	*1471 (RD/MH)	Driver seat module (14C718), Forward/rearward circuit
	981 (RD/MH)	Fwd/Rwd motor, Forward
5	*1470 (YE/LB)	Driver seat module (14C718), Front up/down circuit
	990 (YE/LB)	Front height motor, Down
6	*1469 (RD/LB)	Driver seat module (14C718), Front up/down circuit
	979 (RD/LB)	Front height motor, Up

C359

14B084
14A699

Heated seat relay
driver side front



FEMALE

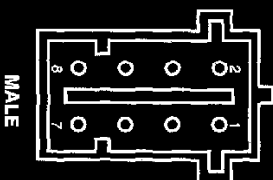
Pin	Circuit	Circuit function
1	1255 (WH/RD)	Heat Seat Control Switch to Heater - Driver seat enable
2	57 (BK)	Ground
3	-	not used
4	295 (LB/PK)	Voltage in Run (overload protected)
5	1153 (RD/BK)	Voltage supplied at all times (overload protected)

C360 (BK)

14A699/14B084

Seat adjust switch,
driver side front
(14A701)

• with memory



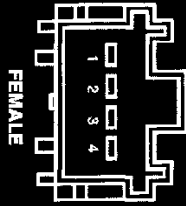
MALE

Pin	Circuit	Circuit function
1	*1464 (YE)	Front up/down circuit
1	990 (YE/LB)	Front height motor, Down
2	*1466 (GY/LB)	Rear up/down circuit
2	983 (RD/LG)	Rear height motor, Up
3	*1467 (GY/YE)	Rear up/down circuit
3	982 (YE/LG)	Rear height motor, Down
4	*956 (OG/LG)	Voltage supplied at all times (overload protected)
4	566 (DG)	Voltage supplied at all times (overload protected)
5	*1463 (RD/YE)	Front up/down circuit
5	979 (RD/LB)	Front height motor, Up
6	*1466 (GY/OG)	Forward/Rearward circuit
6	981 (RD/WH)	Fwd/Rwd motor, Forward
7	*1465 (GY/WH)	Forward/Rearward circuit
7	980 (YEMH)	Fwd/Rwd motor, Rearward
8	*676 (PK/OG)	Ground
8	57 (BK)	Ground

C364 (BK)

14A699
14B084

Seat cushion
heater, left front

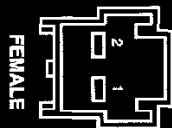


Pin	Circuit	Circuit function
1	1066 (GY/LB)	Seat cushion heater, left front, heater, feed
2	-	not used
3	-	not used
4	1064 (YE/LB)	Seat back heater, left front, heater, feed

C365 (BK)

14A699
14B084

Seat back
heater, left
front

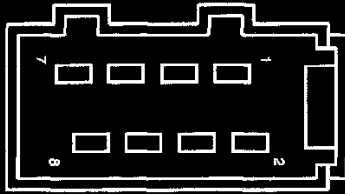


Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	1066 (GY/LB)	Seat back heater, left front, heater, feed

C369

14B084

Seat adjust switch,
driver side front
(14A701)



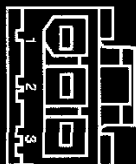
MALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	979 (RD/LB)	Front height motor, Up
3	980 (YE/WH)	Fwd/Rwd motor, Rearward
4	982 (YE/LG)	Rear height motor, Down
5	981 (RD/WH)	Fwd/Rwd motor, Forward
6	983 (RD/LG)	Rear height motor, Up
7	566 (DG)	Voltage supplied at all times (overload protected)
8	980 (YE/LB)	Front height motor, Down

C372 (BK)

14B122

Driver memory seat
horizontal sensor

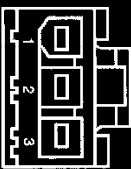


FEMALE

Pin	Circuit	Circuit function
1	446 (OG/WH)	Sensor, feed, from, Driver seat module (14C718)
2	442 (LG/OG)	Driver memory seat horizontal sensor, monitor
3	447 (OG/RD)	Sensor, return, to, Driver seat module (14C718)

C373
14B122

(WH)
Driver
memory seat
rear height
sensor

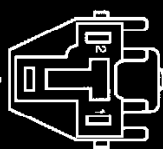


FEMALE

Pin	Circuit	Circuit function
1	446 (OG/WH)	Sensor, feed, from, Driver seat module (14C718)
2	444 (LG/BK)	Driver memory seat rear height sensor, monitor
3	447 (OG/RD)	Sensor, return, to, Driver seat module (14C718)

C380
14B079

(BK)
Power point,
console (19N235)



FEMALE

Pin	Circuit	Circuit function
1	1542 (RD)	Voltage supplied at all times (overload protected)
2	-	not used
3	57 (BK)	Ground

Pin		Circuit	Circuit function
1		*800 (GY/LB)	Speaker, left rear (18808) +
		827 (TN/WH)	Speaker, left rear (18808) +
2		801 (TN/YE)	Speaker, left rear (18808)

Pin	Circuit	Circuit function
1	186 (BN/LE)	Rear window defrost relay, switched output

C402b

(BK)

14086

Rear window defrost grid (18C618)

FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground

C405

(BK)

13A409

MALE

13

16

C405

(BK)

14405

FEMALE

16

13

(1) 14 (BN)

(2) 140 (BK/PK)

(3) 9 (LG/OG)

(4) 57 (BK)

(5) -

(6) 1443 (WH/LB)

(7) 1439 (BN/PK)

(8) 1442 (DG/WH)

(9) 1442 (DG/WH)

(10) -

(11) 1440 (DG/YE)

(12) -

(13) -

(14) 1444 (DB/YE)

(15) 1441 (WH/LG)

(16) 5 (OG/LB)

(1) 14 (BN)

(2) 140 (BK/PK)

(3) 9 (LG/OG)

(4) 57 (BK)

(5) -

(6) 1443 (WH/LB)

(7) 1439 (BN/PK)

(8) -

(9) 1442 (DG/WH)

(10) -

(11) 1440 (DG/YE)

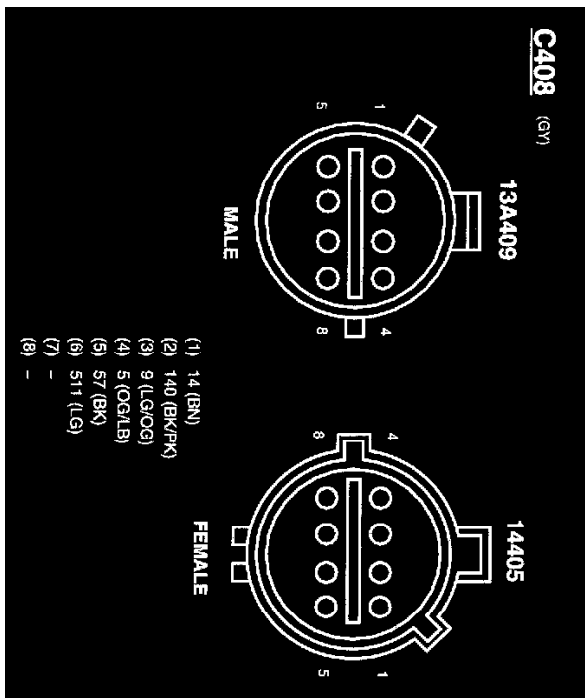
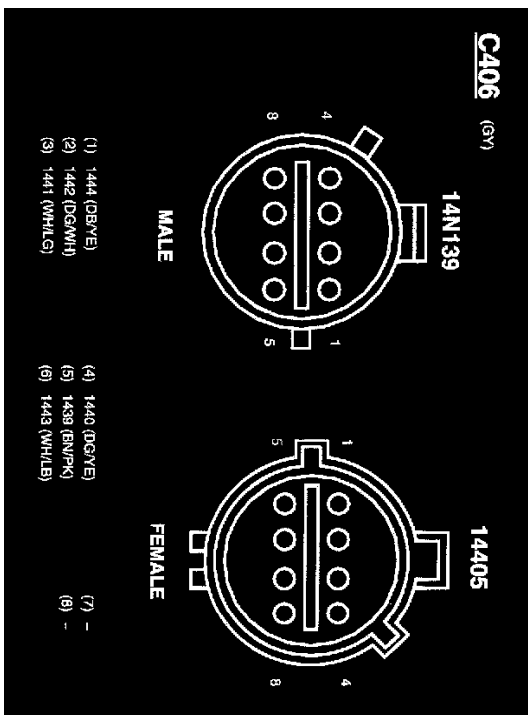
(12) -

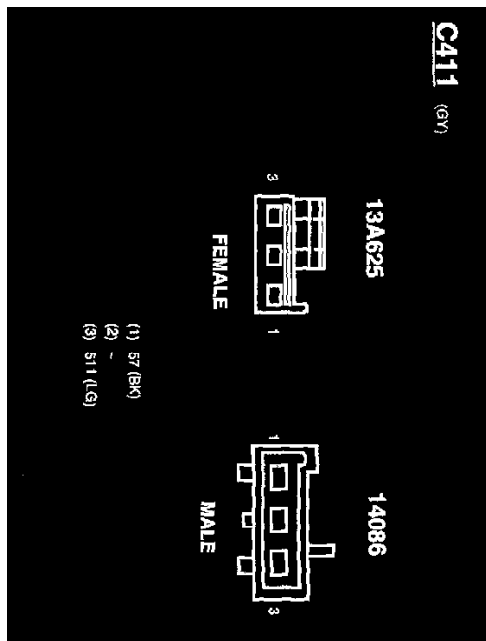
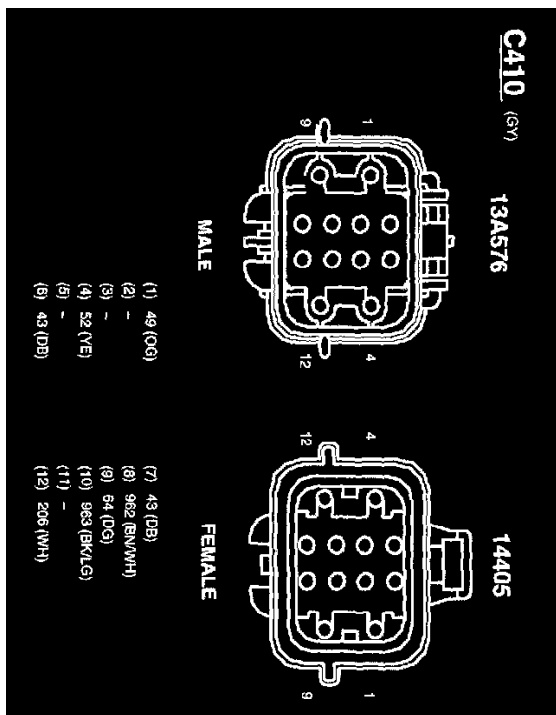
(13) -

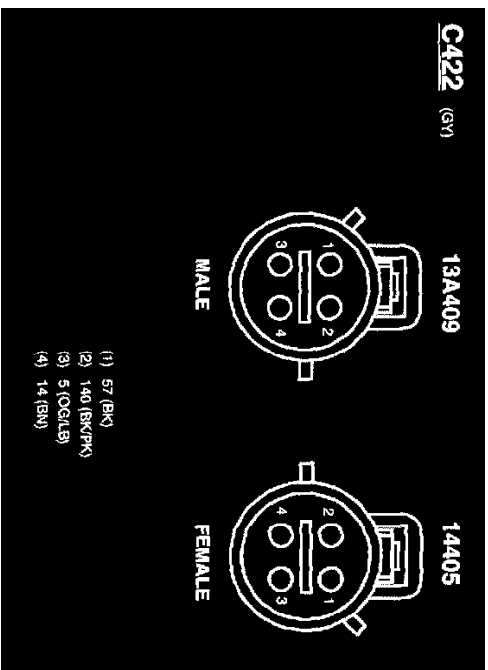
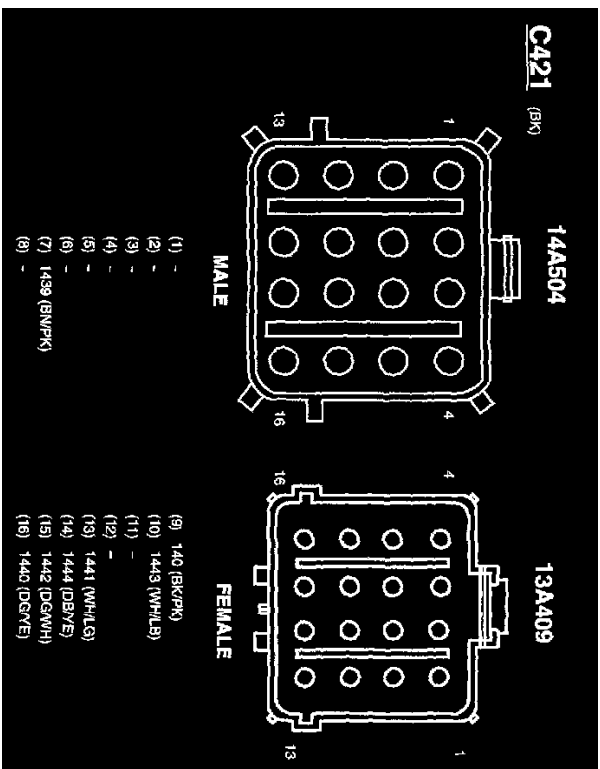
(14) 1444 (DB/YE)

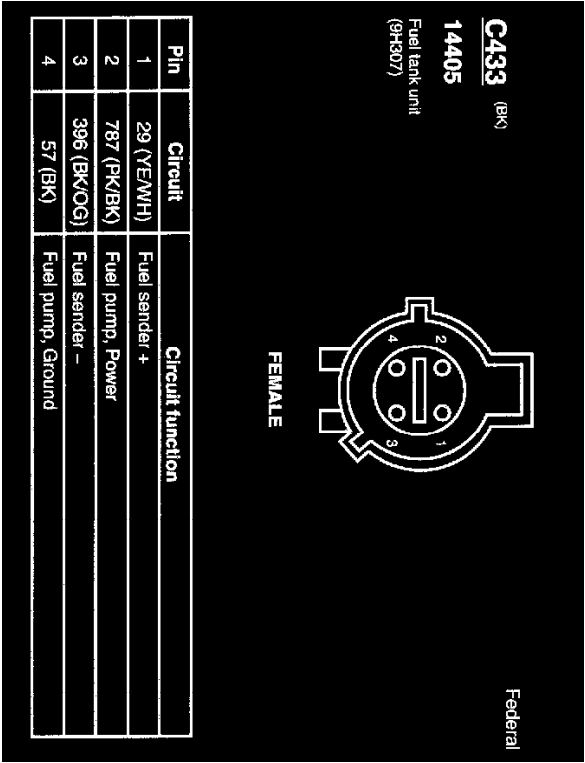
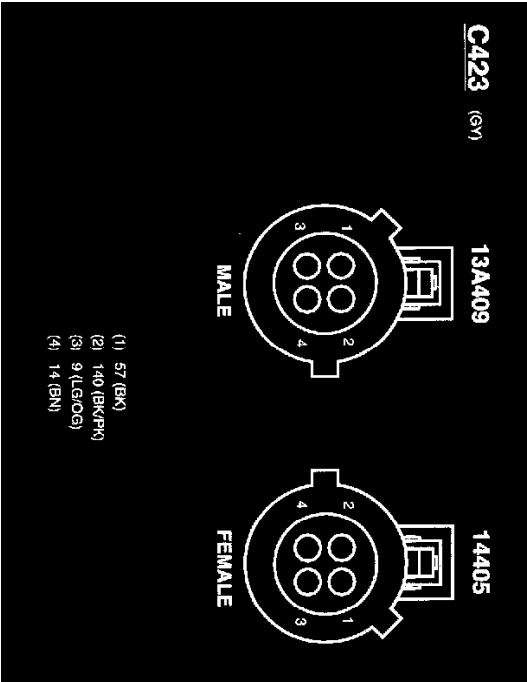
(15) 1441 (WH/LG)

(16) 5 (OG/LB)





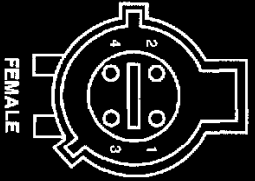




C438
(BK)

Rear marker
lamp assembly

14405/13A409



FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	57 (BK)	Ground
3	-	not used
4	14 (BN)	lamp feed

C452
(WH)

14405 Excursion
13412 Pickup
License plate
lamp, left



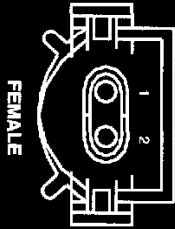
FEMALE

Pin	Circuit	Circuit function
1	14 (BN)	lamp feed
2	57 (BK)	Ground

C455 (BK)

14405

Rear axle speed
sensor (4B409)

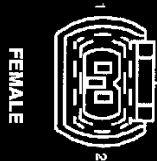


Pin	Circuit	Circuit function
1	523 (RD/PK)	Rear axle speed sensor (4B409) +
2	519 (LG/BK)	Rear axle speed sensor (4B409)

C457 (GY)

14086

Liftgate lock
actuator



Pin	Circuit	Circuit function
1	118 (PK/OG)	Door unlock, output
2	117 (PK/BK)	Door lock, output

C458 (BK)

14086

Liftgate ajar switch, left



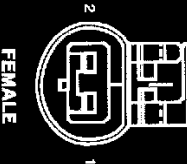
FEMALE

Pin	Circuit	Circuit function
1	23 (TN/LG)	Liftgate ajar switch, input
2	57 (BK)	Ground

C459 (BK)

14086

Liftgate ajar switch, right



FEMALE

Pin	Circuit	Circuit function
1	23 (TN/LG)	Liftgate ajar switch, input
2	57 (BK)	Ground

C461 (GN)

13A409

Reversing lamp,
right (1341)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	140 (BK/PK)	Voltage supplied in reverse

C462 (WH)

14405 Excursion

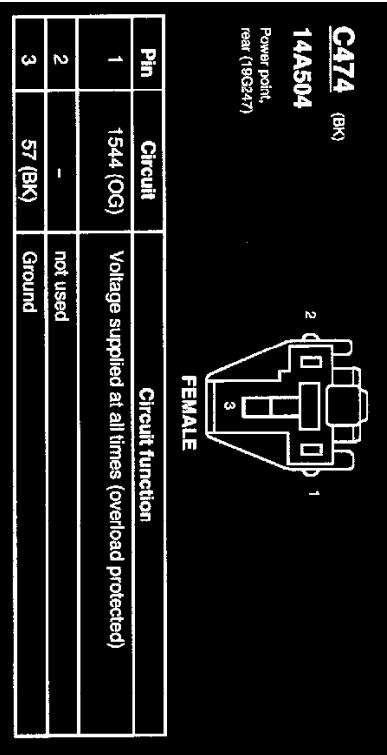
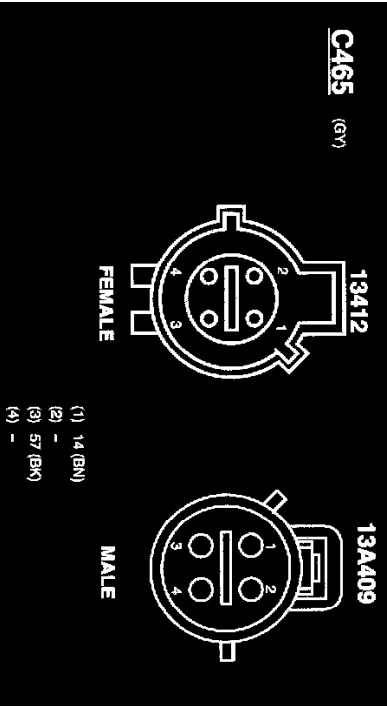
13412 Pickup

License plate
lamp, right



FEMALE

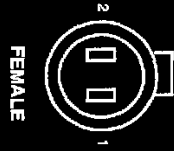
Pin	Circuit	Circuit function
1	14 (BN)	lamp feed
2	57 (BK)	Ground



C475a (TN)

13A625

High mounted
stoplamp (13A613)

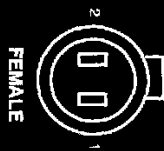


Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	57 (BK)	Ground

C475b (TN)

13A625

High mounted
stoplamp (13A613)



Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	57 (BK)	Ground

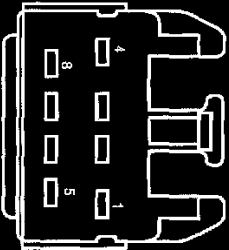
C475c (TN)
13A625
High mounted
stoplamp (13A613)



FEMALE

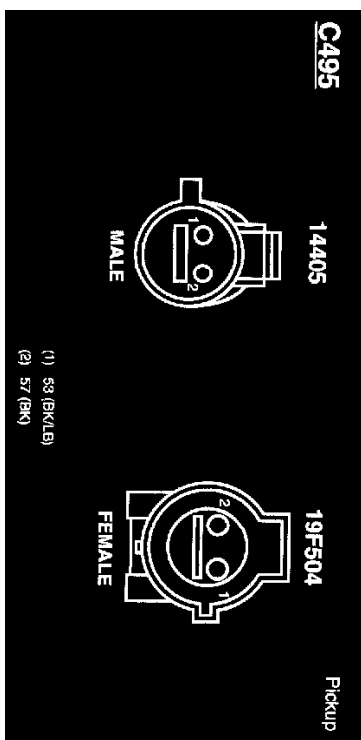
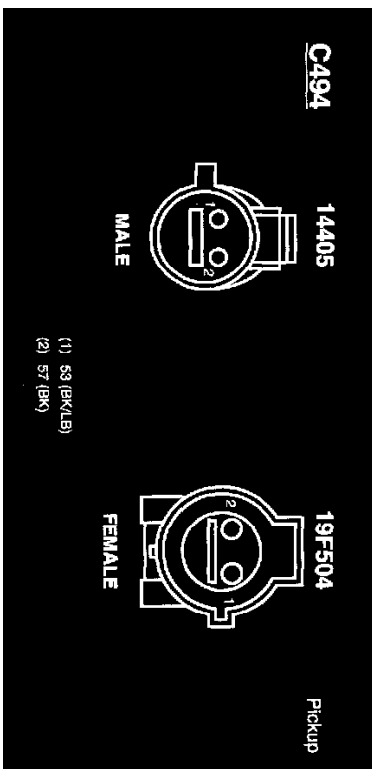
Pin	Circuit	Circuit function
1	511 (LG)	Brake Pedal position switch (13480), to stoplamps
2	57 (BK)	Ground

C476 (GV)
14086
Rear wiper motor
assembly



FEMALE

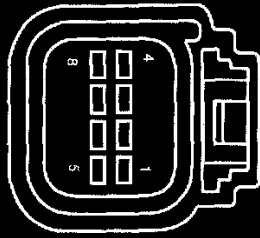
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	57 (BK)	Ground
3	297 (BK/LG)	Voltage in Run or Accessory (overload protected)
4	406 (BN/WH)	Voltage supplied at all times (overload protected)
5	941 (BK/WH)	Rear washer switch circuit
6	993 (BN/WH)	Rear washer switch circuit E
7	1300 (VT)	Rear wiper switch circuit D
8	—	not used



C500 (BK)

14A631

Key pad switch
assembly



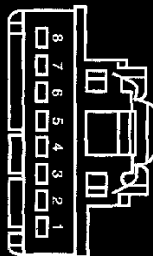
FEMALE

Pin	Circuit	Circuit function
1	78 (LB/YE)	Key pad, Circuit A
2	1013 (BN/LG)	Illumination
3	79 (LG/RD)	Key pad, Circuit B
4	-	not used
5	57 (BK)	Ground
6	124 (BN)	Key pad common
7	121 (YE/BK)	Key pad, Circuit C
8	-	not used

C503

14A005

Memory set
switch (14B709)



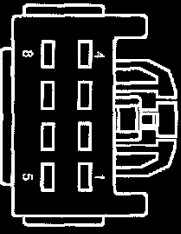
FEMALE

Pin	Circuit	Circuit function
1	272 (WH/OG)	Memory set switch (14776), Illumination, Input
2	267 (BN/LG)	Memory set switch (14776), position 1
3	-	not used
4	-	not used
5	270 (BN/OG)	Memory set switch (14776), position 3
6	268 (BK/OG)	Memory set switch (14776), position 2
7	676 (PK/OG)	Ground
8	-	not used

C504a (BU)

14A005

Master window adjust switch (14540)



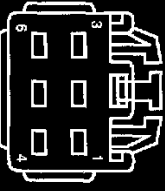
FEMALE

Pin	Circuit	Circuit function
1	—	not used
2	57 (BK)	Ground
3	313 (WH/YE)	Window switch, feed, right front, Down
4	314 (TN/LB)	Window switch, feed, right front, Up
5	—	not used
6	400 (LB/BK)	Accessory delay relay, switched output
7	991 (TN/LB)	Master window adjust switch (14529), feed, Down
8	992 (WH/BK)	Master window adjust switch (14529), feed, Up

C504b (GY)

14A005

Master window adjust switch (14540)

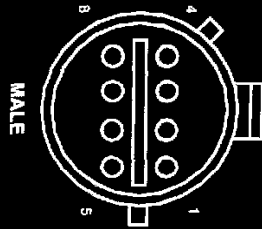


FEMALE

Pin	Circuit	Circuit function
1	—	not used
2	319 (YE/BK)	Window switch, feed, right rear, Down
3	320 (RD/BK)	Window switch, feed, right rear, Up
4	193 (YE/LG)	Window lockout, switched output
5	316 (YE/LB)	Window switch, feed, left rear, Up
6	317 (GY/OG)	Window switch, feed, left rear, Down

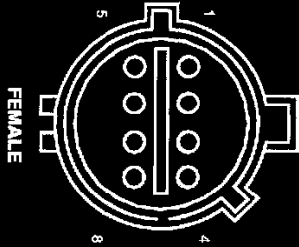
C510 (G7)

14A631



- (1) 76 (LGRD)
- (2) 78 (LBVE)
- (3) 57 (BK)
- (4) 121 (VEBK)
- (5) 124 (BN)
- (6) 1013 (BNLC)
- (7) -
- (8) -

14A005

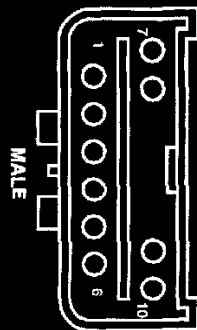


- (1) 122 (VE)
- (2) 121 (VEBK)
- (3) 57 (BK)
- (4) 123 (RD)
- (5) 124 (BN)
- (6) 66 (LB)
- (7) -
- (8) -

C521 (G7)

14A005

Exterior rear view
mirror, driver side
(17882)

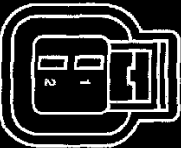


Pin	Circuit	Circuit function
1	540 (RD)	Right/Left mirror movement
2	542 (YE)	Mirror motor, feed
3	541 (DB)	Up/Down mirror movement
4	3 (LGMH)	Turn signal
5	57 (BK)	Defrost , Turn signal, Ground
6	59 (DGNV)	Rear window defrost relay, switched output
7	14 (BN)	Park lamp relay, switched output
8	-	not used
9	-	not used
10	-	not used

C523 (BK)

14A005

Speaker, left front (18808)



FEMALE

Pin	Circuit	Circuit function
1	804 (OG/LG)	Speaker, left front (18808) +
2	813 (LB/WH)	Speaker, left front (18808) -

C524 (BK)

14A005

Power window motor, driver side front (23985)



FEMALE

Pin	Circuit	Circuit function
1	992 (WH/BK)	Master window adjust switch (14529), feed, Up
2	991 (TN/LB)	Master window adjust switch (14529), feed, Down

C525 (GY)
14A005
Door lock
actuator, left
front



1
2
FEMALE

Pin	Circuit	Circuit function
1	163 (RD/OG)	Driver door unlock relay, switched output
2	117 (PK/BK)	Door lock, output

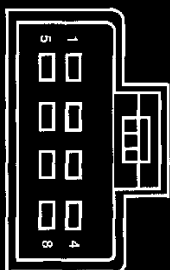
C526 (BK)
14A005
Door ajar switch,
driver side front
(14018)



1
2
FEMALE

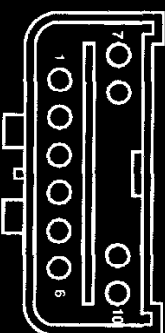
* with remote keyless entry
** without remote keyless entry

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	*765 (YE/BK) **759 (LG/YE)	Anti-theft, switch sense Anti-theft, switch sense

C527 (WH)**14A005**Exterior rear
view mirror
switch (173676)

FEMALE

Pin	Circuit	Circuit function
1	956 (OG/LG)	Voltage supplied at all times (overload protected)
2	—	not used
3	543 (DG)	Right/Left mirror movement
4	540 (RD)	Right/Left mirror movement
5	57 (BK)	Ground
6	542 (YE)	Mirror motor, common
7	541 (DB)	Up/Down mirror movement
8	544 (VT)	Up/Down mirror movement

C601 (GY)**14A005**Exterior rear
view mirror,
passenger side
(17683)

MALE

Pin	Circuit	Circuit function
1	543 (DG)	Right/Left mirror movement
2	542 (YE)	Mirror motor, lead
3	544 (VT)	Up/Down mirror movement
4	2 (WH/LB)	Turn signal
5	57 (BK)	Defrost, Turn signal Ground
6	59 (DG/VT)	Rear window defrost relay, switched output
7	14 (BN)	Park lamp relay, switched output
8	—	not used
9	—	not used
10	—	not used

C602

(BK)

14A005

Door ajar switch,
passenger side
front (14019)

2

1

FEMALE

with remote keyless entry
*
without remote keyless entry
**

Pin	Circuit	Circuit function
1	*761 (GY/RED)	switch sense
	**760 (PK/LE)	switch sense
2	57 (BK)	Ground

C603

(GY)

14A005

Door lock actuator,
passenger side
(210A42)

2

1

FEMALE

Pin	Circuit	Circuit function
1	117 (PK/BK)	Door lock, output
2	118 (PK/OG)	Door unlock, output

C604 (GY)

14A005
Window adjust switch, passenger side

* with crew cab

FEMALE

Pin	Circuit	Circuit function
1	313 (WH/YE)	Window switch, feed, right front, Down
2	334 (RD/YE)	Window motor, feed, Down
3	*193 (YE/LG)	Switched power
4	400 (LB/BK)	Accessory delay relay, switched power, output
5	—	not used
6	333 (YE/RD)	Window motor, feed, Up
6	314 (TN/LB)	Window switch, feed, right front, Up

C605 (GN)

14A005
Door lock switch, passenger side (14023)

* with remote keyless entry
** without remote keyless entry

FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Illumination Ground
2	—	not used
3	**120 (PK/LG)	Unlock Switch Circuit
4	*1210 (BK/WH)	Unlock Switch Circuit
5	**118 (PK/OG)	Unlock Switch Circuit
6	*57 (BK)	Ground
7	**116 (RD/BK)	Voltage supplied at all times (overload protected)
8	194 (PK)	Switch illumination
6	—	not used
7	*1211 (WH/RD)	Lock Switch Circuit
8	**117 (PK/BK)	Lock Switch Circuit
8	—	not used
8	**119 (PK/YE)	Lock Switch Circuit

C606 (BK)

14A005

Door entry
lamp, right
front (137/6)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	53 (BK/LB)	Interior lamp relay, switched power

C608 (BK)

14A005

Power window
motor, passenger
side front (233/94)



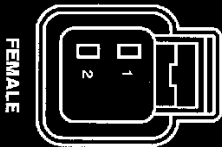
FEMALE

Pin	Circuit	Circuit function
1	333 (YE/RD)	Window motor, feed, Up
2	334 (RD/YE)	Window motor, feed, Down

C612 (BK)

14A005

Speaker, right front (18908)

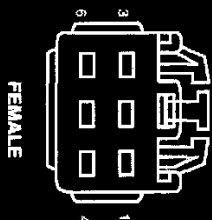


Pin	Circuit	Circuit function
1	805 (WH/LG)	Speaker, right front (18908) +
2	811 (DG/OG)	Speaker, right front (18908) -

C701 (GY)

14A005

Window adjust switch, left rear (14A412)



Pin	Circuit	Circuit function
1	317 (GY/OG)	Window switch, feed, left rear, Down
2	885 (YE/LB)	Window motor, feed, Down
3	193 (YE/LG)	Switched power
4	-	not used
5	884 (YE/BK)	Window motor, feed, Up
6	316 (YE/LB)	Window switch, feed, left rear, Up

C702 (BK)

14A005

Speaker, left rear
(18808)



FEMALE

Pin	Circuit	Circuit function
1	800 (GY/LB)	Speaker, left rear (18808) +
2	801 (TN/YE)	Speaker, left rear (18808) -

C703 (BK)

14A005

Power window
motor, left rear
(23394)



Excursion
FEMALE



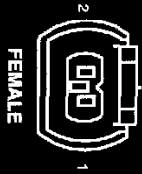
Pickup
FEMALE

Pin	Circuit	Circuit function
1	885 (YE/LB)	Window motor, feed, Down
2	884 (YE/BK)	Window motor, feed, Up

C704 (GY)

14A005

Door lock
actuator, left
rear (218A43)



Pin	Circuit	Circuit function
1	117 (PK/BK)	Door lock, output
2	118 (PK/OG)	Door unlock, output

C712 (BK)

14A005

Speaker, left middle



Pin	Circuit	Circuit function
1	827 (TN/WH)	Speaker, left middle +
2	801 (TN/YE)	Speaker, left middle

C715 (BK)

14A005

Door ajar switch,
driver side rear
(14018)



FEMALE

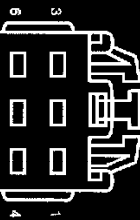
* with remote keyless entry
** without remote keyless entry

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	*759 (LG/YE)	switch sense
	**760 (PK/LB)	switch sense

C801 (GY)

14A005

Window adjust
switch, right rear
(14A412)

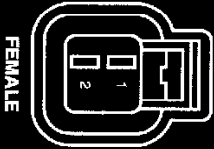


FEMALE

Pin	Circuit	Circuit function
1	319 (YE/BK)	Window switch, feed, right rear, Down
2	882 (BN/YE)	Window motor, feed, Down
3	198 (YE/LG)	Switched power
4	-	not used
5	881 (BN)	Window motor, feed, Up
6	320 (RD/BK)	Window switch, feed, right rear, Up

C802
(BK)

14A005
Speaker, right rear (18808)



FEMALE

Pin	Circuit	Circuit function
1	802 (OG/RD)	Speaker, right rear (18808) +
2	803 (BN/PK)	Speaker, right rear (18808) -

C803
(BK)

14A005
Power window motor, right rear (23394)



Excursion



Pickup

Pin	Circuit	Circuit function
1	882 (BN/YE)	Window motor, feed, Down
2	881 (BN)	Window motor, feed, Up

C804 (GY)

14A005

Door lock
actuator, right
rear (218A42)

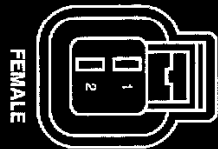


Pin	Circuit	Circuit function
1	117 (PK/BK)	Door lock, output
2	118 (PK/OG)	Door unlock, output

C813 (BK)

14A005

Speaker, right
middle



Pin	Circuit	Circuit function
1	825 (TN/LG)	Speaker, right middle +
2	803 (BN/PK)	Speaker, right middle -

C820
(BK)

14A005
Door ajar switch,
passenger side
rear (14018)

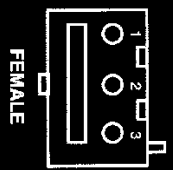


FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	760 (PK/LB)	switch sense

C904
(GY)

14A005
High mounted
stoplamp (13A613)



FEMALE

Pickup

Pin	Circuit	Circuit function
1	53 (BK/LB)	Interior lamps relay, switched output
2	511 (LG)	Brake pedal position switch (13480), to stoplamps
3	57 (BK)	Ground

Pin	Circuit	Circuit function
1	54 (LGYE)	Battery saver relay, switched output
	*57 (BK)	Ground
2	57 (BK)	Ground
	*54 (LGYE)	Battery saver relay, switched output

C911 (BK)

17C712

Electrochromatic
inside mirror unit
(17700)

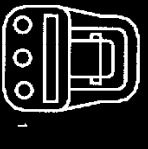
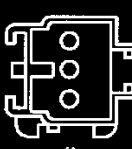


Pin	Circuit	Circuit function
1	295 (LB/PK)	Voltage in Run (overhead protected)
2	57 (BK)	Ground
3	140 (BK/PK)	Voltage supplied in reverse

C913 (BK)

14A005

14A005/PLUG



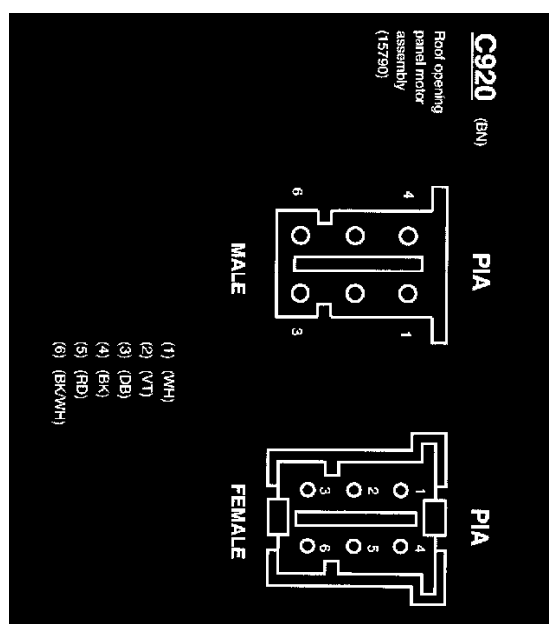
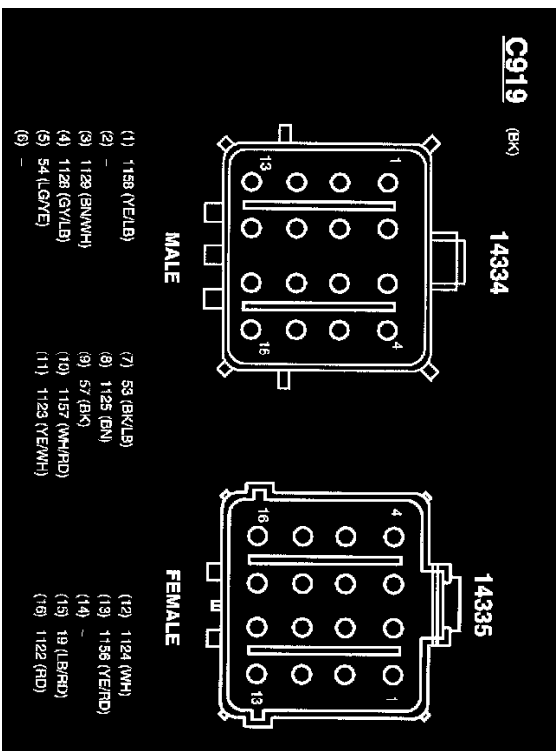
MALE

FEMALE

(1) 54 (LG/YE)

(2) 57 (BK)

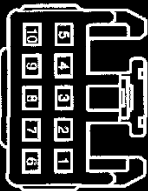
(3) 58 (BK/LB)



C921a

Roof opening panel module (502D70)

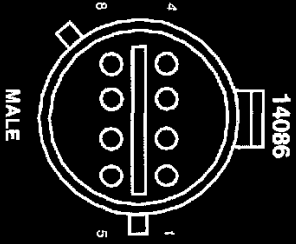
PIA



Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	1173	Roof opening panel, common
3	400 (LB/BK)	Accessory delay relay, switched power, output
4	-	not used
5	1174 (WH/RD)	Roof opening panel, Open circuit
6	400 (LB/BK)	Accessory delay relay, switched power, output
7	-	not used
8	-	not used
9	-	not used
10	1175 (TN/RD)	Roof opening panel, Close circuit

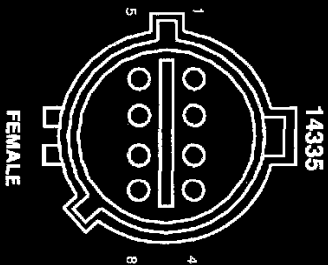
C922 (BK)

14086



MALE

14335



FEMALE

(1) 1300 (V7)

(2) S4 (LGVE)

(3) 893 (BNVWH)

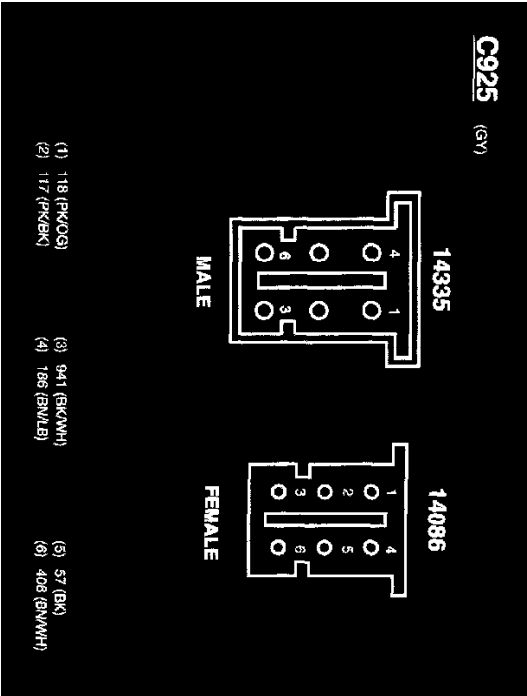
(4) S3 (BKLE)

(5) 23 (TN/LG)

(6) 297 (BK/LG)

(7) S11 (LG)

(8) 57 (BK)



C926 (GV)

14086

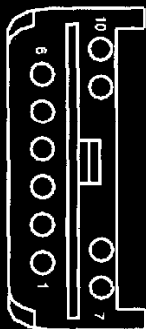
Cargo lamp

FEMALE

Pin	Circuit	Circuit function
1	54 (LG/YE)	Battery saver relay, switched output
2	57 (BK)	Ground
3	53 (BK/LB)	Interior lamps relay, switched output

C930**17C712**

Overhead Console



FEMALE

Pin	Circuit	Circuit function
1	678 (PK/OG)	Ground
2	—	not used
3	29 (VE/W-H)	Fuel pump/fuel gauge sender
4	70 (LB/W-H)	ISO Bus
5	679 (GY/BK)	vehicle speed signal
6	3061 (LB/OG)	Ambient air temperature sensor (19E702) signal
7	640 (RD/YE)	Voltage in Run (overload protected)
8	71 (OG/LG)	Powertrain Control Module (PCM) (12A650), Data output link
9	19 (LB/RD)	Instrument illumination
10	789 (BN/W-H)	Fuel tank selector, signal – Pickup

C931 (GV)**14A005****14334****13A718**Interior/map lamps
assembly, front

FEMALE

Pin	Circuit	Circuit function
1	53 (BK/LB)	Interior lamps relay, switched output
2	57 (BK)	Ground
3	54 (LG/YE)	Battery saver relay, switched output

C932 (GY)

14335/14A005

Interior/map
lamps
assembly, rear

FEMALE

Pin	Circuit	Circuit function
1	S3 (BK/LB)	Interior lamps relay, switched output
2	S7 (BK)	Ground
3	S4 (LG/YE)	Battery saver relay, switched output

C934 (BK)

14335

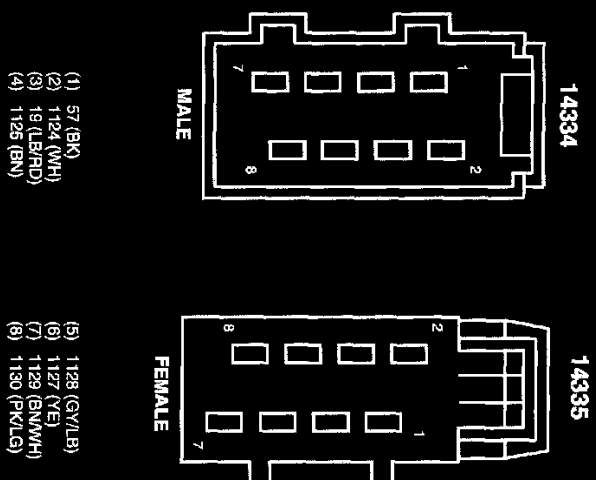
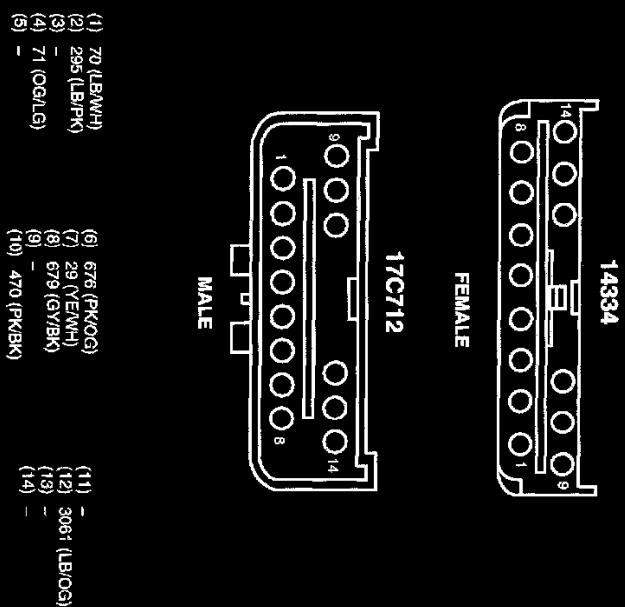
MALE

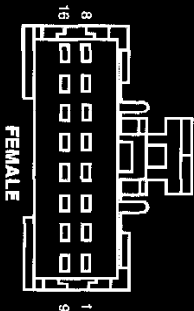
14334

FEMALE

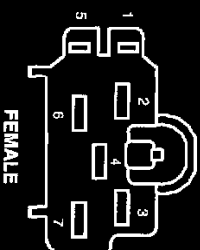
(1) 1120 (BK/WH)
(2) 269 (LB/OG)
(3) 1121 (OG/YE)
(4) 515 (OG/HD)

(5) 1159 (WH/LB)
(6) 194 (PK)
(7) 751 (DB/WH)
(8)

C935 (BK)**C936** (GY)

C945 (WH)**14334**Trip Computer
Module (12D393)

Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	470 (PK/BK)	Sensor signal return (reference/ground)
3	29 (YE/WH)	Fuel pump/fuel gauge sender
4	70 (LB/WH)	ISO Bus
5	679 (GY/BK)	vehicle speed signal
6	3061 (LB/OG)	Ambient air temperature sensor (19E702) signal
7	295 (LB/PK)	Voltage In Run (overload protected)
8	71 (OG/LG)	Powertrain Control Module (PCM) (12A650) - Data output link
9	19 (LB/RD)	Instrument illumination
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	-	not used
15	-	not used
16	-	not used

C946 (BK)**14334**Power vent
window switch, left

Pin	Circuit	Circuit function
1	57 (BK)	Illumination Ground
2	57 (BK)	Ground
3	1158 (YE/LB)	Window motor, Open
4	194 (PK)	Accessory delay relay, switched output
5	19 (LB/RD)	Instrument illumination
6	1159 (WH/LB)	Window motor, Close
7	57 (BK)	Ground

C947 (BN)

14335

Power vent
window motor, left

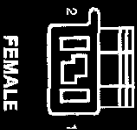


Pin	Circuit	Circuit function
1	1159 (WH/LB)	Window motor, Close
2	1158 (YE/LB)	Window motor, Open

C948 (BN)

14335

Power vent window
motor, right

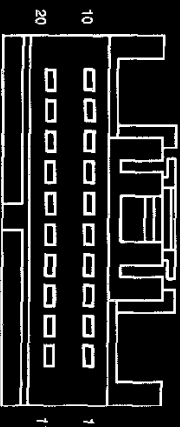


Pin	Circuit	Circuit function
1	1156 (YE/RD)	Window motor, Open
2	1157 (WH/RD)	Window motor, Close

C949 (GY)

14335

DVD player



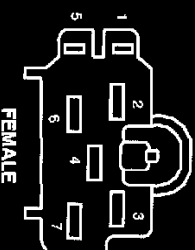
FEMALE

Pin	Circuit	Circuit function
1	829 (WH/VT)	Voltage supplied at all times (overload protected)
2	1068 (LG/BK)	Audio System ON (ASTYSON)
3	19 (LB/RD)	Instrument illumination
4	—	not used
5	856 (VT)	Audio signal positive Left to Video System
6	690 (GY)	Audio signal positive Right to Video System
7	856 (VT)	Audio signal positive Left to Video System
8	690 (GY)	Audio signal positive Right to Video System
9	—	not used
10	—	not used
11	832 (LB/PK)	Audio corporate protocol (A)
12	833 (TN)	Audio corporate protocol (B)
13	—	not used
14	694 (BK/LG)	Ground
15	798 (LG/RD)	Audio signal negative Left to Video System
16	799 (OG/BK)	Audio signal negative Right to Video System
17	798 (LG/RD)	Audio signal negative Left to Video System
18	799 (OG/BK)	Audio signal negative Right to Video System
19	—	not used
20	—	not used

C956 (BK)

14334

Power vent window
switch, right



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Illumination, Ground
2	57 (BK)	Ground
3	1156 (YE/RD)	Window motor, Open
4	194 (PK)	Accessory delay relay, switched output
5	19 (LB/RD)	Instrument illumination
6	1157 (WH/RD)	Window motor, Close
7	57 (BK)	Ground

C970 (BK)

15A404

17C712

Road marker lamp, left

FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	14 (BN)	Park lamp relay, switched output

C971 (BK)

15A404

17C712

Road marker lamp, left center

FEMALE

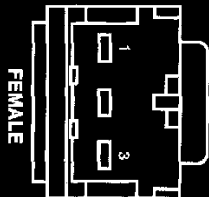
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	14 (BN)	Park lamp relay, switched output

C972 (BK)

15A404

17C712

Roof marker lamp, center



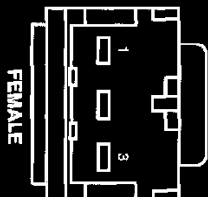
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	14 (BN)	Park lamp relay, switched output

C973 (BK)

15A404

17C712

Roof marker lamp, right center



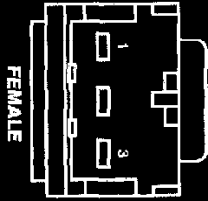
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	14 (BN)	Park lamp relay, switched output

C974 (BK)

15A404

17C712

Roof marker
lamp, right



Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	14 (BN)	Park lamp relay, switched output

C983

15B484

17C712

MALE

FEMALE

(A) 57 (BK)
(B) -
(C) 14 (BN)

C984
15B484
Rood marker
lamp, left

P1A

FEMALE

Lariat

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output

C985
15B484
Rood marker
lamp, left center

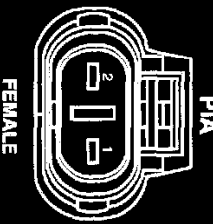
P1A

FEMALE

Lariat

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output

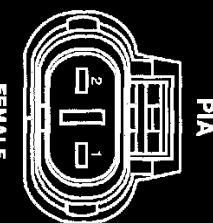
C986
15B484
Rear marker
lamp, center



Lantern

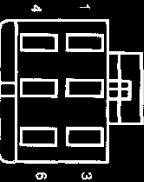
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output

C987
15B484
Rear marker
lamp, right center



Lantern

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output

C9892A	(6V)	
14334		
Auxiliary function selector switch assembly, front		
		
Pin	Circuit	Circuit function
1	269 (LB/OG)	Selector switch, medium low
2	515 (OG/HD)	Selector switch, High
3	1121 (DG/YE)	Selector switch, Switched ground
4	57 (BK)	Ground
5	751 (DB/WH)	Selector switch, medium high
6	1120 (BK/WH)	Selector switch, Low

C989b (BK)

14334

Auxiliary function selector switch assembly, front



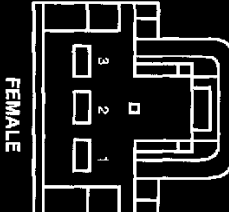
FEMALE

Pin	Circuit	Circuit function
1	19 (LB/RD)	Instrument Cluster
2	57 (BK)	Illumination Ground

C989c (GY)

14334

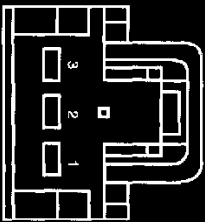
Auxiliary function selector switch assembly, front



FEMALE

Pin	Circuit	Circuit function
1	1128 (GY/LB)	Reference voltage
2	1123 (YE/WH)	position sense
3	1129 (BN/WH)	Signal return

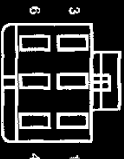
C989d
14334
(BK)
Auxiliary function selector switch assembly, front



FEMALE

Pin	Circuit	Circuit function
1	1124 (WH)	Reference voltage
2	1122 (RD)	position sense
3	1125 (BN)	Signal return

C990a
14335
(GV)
Auxiliary function selector switch assembly, rear



FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	515 (OG/RD)	Selector switch, High
3	269 (LB/OG)	Selector switch, medium low
4	756 (RD/PK)	Selector switch, Low
5	751 (DB/WH)	Selector switch, medium high
6	1120 (BK/WH)	Ground

(B.K.)

14335

14334

Auxiliary function selector switch assembly, rear



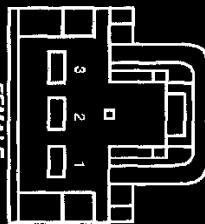
FEMALE

Pin	Circuit	Circuit function
1	19 (LB/RD)	Instrument illumination
2	57 (BK)	Illumination Ground

(GV)

14334/14335

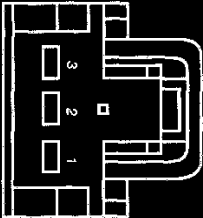
Auxiliary function selector switch assembly, rear



FEMALE

Pin	Circuit	Circuit function
1	1128 (GY/LB)	Reference voltage
2	1130 (PK/LG)	position sense
3	1129 (BW/MH)	Signal return

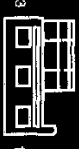
C990d (BK)
14334/14335
Auxiliary function selector
switch assembly, rear



FEMALE

Pin	Circuit	Circuit function
1	1124 (WH)	Reference voltage
2	1127 (YE)	position sense
3	1125 (BN)	Signal return

C991
13A718
14335



MALE



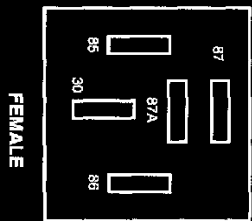
FEMALE

(1) 53 (BK/LB)
(2) 57 (BK)
(3) 54 (LG/YE)

C1008

12A581

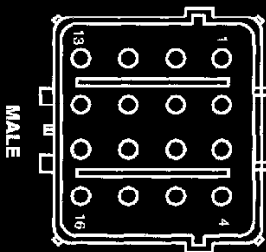
A/C clutch relay



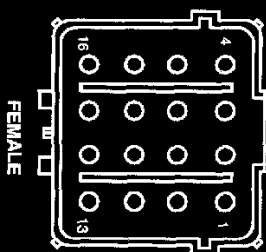
Pin	Circuit	Circuit function
85	331 (PK/YE)	A/C clutch relay, control
86	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
30	326 (WH/VT)	Voltage supplied at all times (overload protected)
87A	-	not used
87	321 (GY/WH)	A/C clutch relay, switched output

C1010 (BK)

12A581



15525



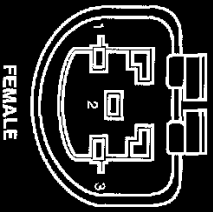
* 6.0L
** others

(1)	**911 (WH/LG)	(9)	**925 (WH/YE)
(2)	**970 (DG/WH)	(10)	**381 (RD/YE)
(3)	359 (GY/RD)	(11)	**199 (LB/YE)
(4)	*16 (RD/LG)	(12)	**33 (WH/PK)
(5)	*106 (DB/YE)	(13)	**1093 (TN/RD)
(6)	**923 (OG/BK)	(14)	**1144 (YE/BK)
(7)	*924 (BN/OG)	(15)	**1145 (LB/BK)
(8)	**480 (VT/YE)	(16)	**1143 (WH/BK)
	**237 (OG/YE)		
	**315 (VT/OG)		

C1021 (BK)

12A581

Headlamp, left (13008)



FEMALE

Pin	Circuit	Circuit function
1	12 (LG/BK)	High beam
2	57 (BK)	Ground
3	160 (DB/W-H)	Headlamp, left (13008), (Low beam lamp feed)

C1023 (BK)

12A581

Park/turn lamp, left front (13411)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output
3	3 (LG/W-H)	Turn lamps, feed, left front

C1025 (BK)

12A581

Brake pressure switch (2B264)



FEMALE

Pin	Circuit	Circuit function
1	418 (DG/YE)	Brake feed
2	307 (BK/YE)	Brake pressure switch (2B264), input

C1026 (BK)

14B060/14300



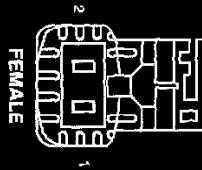
MALE

12A581

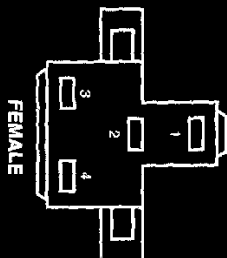


FEMALE

(1) 113 (YE/LE)

C1031 (BK)**12A581**Heater blower
motor (19805)

Pin	Circuit	Circuit function
1	181 (BN/OG)	Blower motor relay, switched output
2	261 (OG/BK)	Blower motor, to switch

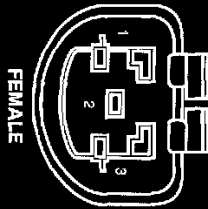
C1032 (WH)**12A581**Heater blower
motor resistor,
front (19A708)

Pin	Circuit	Circuit function
1	754 (LG/WH)	Blower switch speed control, to resistor
2	57 (BK)	Ground
3	752 (YE/BD)	Blower switch speed control, to resistor
4	261 (OG/BK)	Blower motor, to switch

C1041 (BK)

12A581

Headlamp, right (13008)



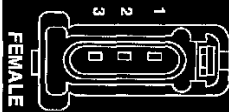
FEMALE

Pin	Circuit	Circuit function
1	12 (LG/BK)	High beam
2	57 (BK)	Ground
3	161 (DG/OG)	Headlamp, right (13008), (Low beam lamp feed)

C1043 (BK)

12A581

Park/lum lamp,
right front (13411)

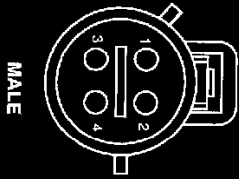


FEMALE

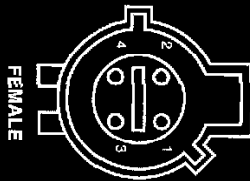
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output
3	2 (WH/LB)	Turn lamps, feed, right front

C1045 (GY)

15A211



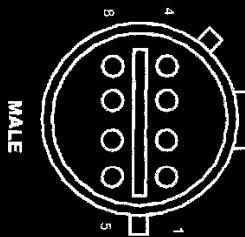
12A581



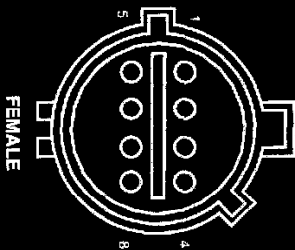
- (1) 487 (TN/G)
- (2) -
- (3) 57 (BK)
- (4) -

C1046 (GY)

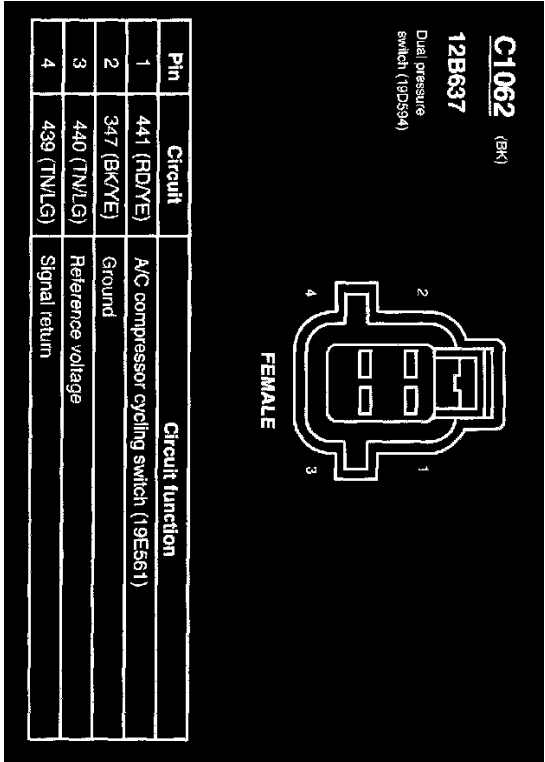
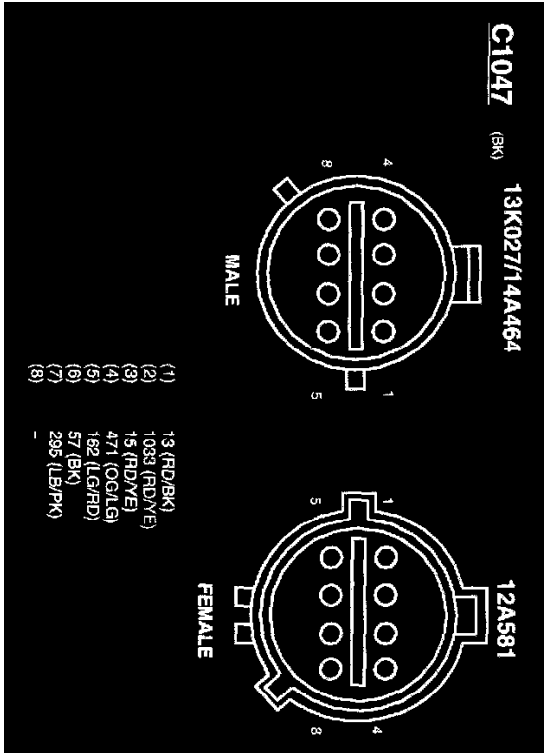
14305



12A581



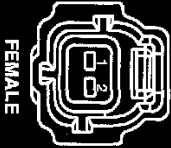
- (1) -
- (2) 321 (GY/MH)
- (3) 348 (VT)
- (4) 904 (LGRD)
- (5) -
- (6) 57 (BK)
- (7) 439 (TNLG)
- (8) -



C1063 (BK)

12A581

EVAP canister vent control solenoid



FEMALE

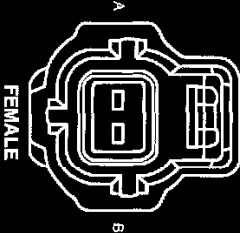
California

Pin	Circuit	Circuit function
1	391 (RD/YE)	Voltage supplied in Start and Run (overhead protected)
2	91 (VT/WH)	Switched ground

C1064 (BK)

9D930
12B637

Engine Coolant Temperature (ECT) sensor (12A648)



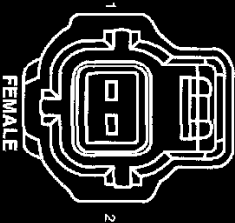
FEMALE

Pin	Circuit	Circuit function
A	389 (GY/RD)	Signal return
B	3076 (YEW/WH)	Reference voltage

C1066 (BK)

12B637

Idle Air Control
(IAC) valve (97715)



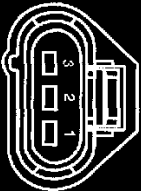
FEMALE

Pin	Circuit	Circuit function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	264 (WH/LB)	Switched ground

C1068 (GY)

12B637

Differential
Pressure Feedback
EGR (DPFE)
sensor (9J460)



FEMALE

California

Pin	Circuit	Circuit function
1	352 (BN/LG)	Differential Pressure Feedback EGR (DPFE) sensor (9J460), input
2	359 (GY/RD)	Signal return
3	351 (BN/WH)	Reference voltage

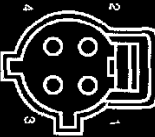
C1078 (BK)

12A581

14305

19B573

A/C high pressure switch (19D594)



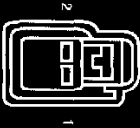
FEMALE

Pin	Circuit	Circuit function
1	441 (RD/YE)	
2	-	not used
3	439 (TN/LG)	A/C high pressure switch (19D594), signal
4	-	not used

C1080 (BK)

9F759

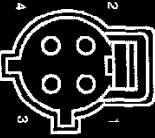
Water-in-fuel sensor



FEMALE

Pin	Circuit	Circuit function
1	643 (RD)	Reference voltage
2	359 (GY/RO)	Signal return

C1081 (BK)
12A581
14305
19B573
 A/C compressor cycling switch (19E561)



FEMALE

Pin	Circuit	Circuit function
1	441 (RD/YE)	A/C pressure switch, to A/C cycling switch
2	-	not used
3	-	not used
4	348 (VT)	A/C demand signal

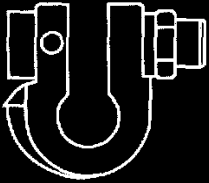
C1087 (BK)
12A581
 Manifold Absolute Pressure (MAP) sensor



FEMALE

Pin	Circuit	Circuit function
1	351 (BN/WHT)	Reference voltage
2	358 (LG/BK)	Manifold Absolute Pressure (MAP) sensor, to, Powertrain Control Module (PCM) (12A650)
3	359 (GY/RED)	Signal return

C1100a
14305
Battery (10855)



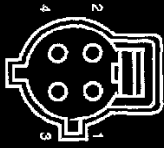
Pin	Circuit	Circuit function
1	2037 (RD)	Battery Power

C1107
15525
Output Shaft
Speed (OSS)
sensor (7H109)



Pin	Circuit	Circuit function
1	371 (PK/WH)	Reference voltage
2	136 (DB/YE)	Output Shaft Speed (OSS) sensor (7H109), signal
3	570 (BK/WH)	Signal return

C1119 (BK)
12A581
Vacuum pump motor



FEMALE

Diesel only

Pin	Circuit	Circuit function
1	–	not used
2	57 (BK)	Ground
3	–	not used
4	295 (L/B/PK)	Voltage In Run (overhead protected)

C1126 (BK)
12A581
Side lamp, right front (13411)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C1127
12A581

(BK)
Side lamp, left
front (13411)

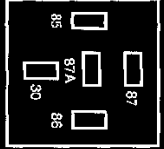


FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C1129
15525

Transfer case
low to high relay

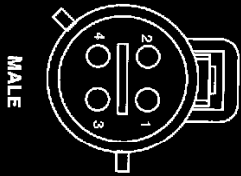


FEMALE

Pin	Circuit	Circuit function
30	777 (YE)	Four-wheel drive control module (14B466), to, Transfer case assembly
85	782 (BN/WH)	Switched ground
86	704 (DG/LG)	Voltage supplied at all times (overload protected)
87	704 (DG/LG)	Transfer case low to high relay, switched output
87A	57 (BK)	Transfer case low to high relay, control

C1147 (BK)

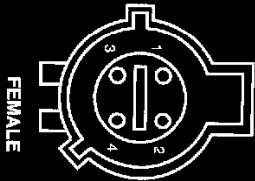
12A581



MALE

- (1) 676 (PK/OG)
- (2) -
- (3) 3061 (LB/OG)
- (4) -

14K073

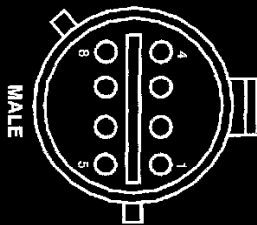


FEMALE

- (1) 3060 (GV/RD)
- (2) -
- (3) 3061 (LB/OG)
- (4) -

C1148 (BK)

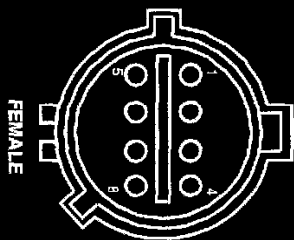
14305



MALE

- (1) *1183 (WH/YE)
- (2) **904 (LG/RD)
- (3) **1183 (WH/YE)
- (4) -
- (5) 1183 (WH/YE)
- (6) 1185 (YE)
- (7) 904 (LG/RD)
- (8) -

12A581



FEMALE

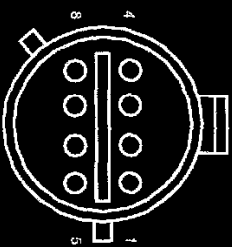
- (1) *1185 (YE/RK)
- (2) **904 (LG/RD)
- (3) **440 (TN/LG)
- (4) **347 (BK/YE)
- (5) 1183 (WH/YE)
- (6) **904 (LG/RD)
- (7) **3060 (VT)
- (8) **441 (RD/YE)

* 6.0L Diesel
** Excursion

C1158 (BK)

12B637

Electronic
Brn clutch



* Late production
** Early production

Pin	Circuit	Circuit function
1	229 (FD/OG)	cooling fan speed signal
2	360 (BN/PK)	Signal return
3	-	not used
4	228 (DB)	Switched ground
5	*361 (RD)	PCM power relay, switched power
6	**1155 (YE/BK)	Voltage in Run (overload protected)
6	352 (BN/LG)	Reference voltage
7	-	not used
8	-	not used

C1159 (GY)

12A581

Engine
compartment lamp

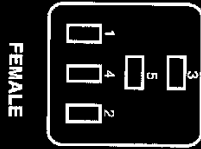


Pin	Circuit	Circuit function
1	54 (LG/YE)	Battery saver relay, switched output
2	57 (BK)	Ground

C1170

13K027

Park brake
relay



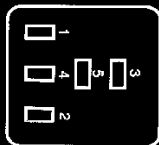
Pin	Circuit	Circuit function
1	295 (LB/PK)	Voltage in Run (overload protected)
2	162 (LG/RD)	Parking brake switch (15A861)
3	295 (LB/PK)	Voltage in Run (overload protected)
4	175 (BK/YE)	Park brake relay, switched output
5	-	not used

C1171

12A581

13K027

Daytime Running
Lamps (DRL) relay 1



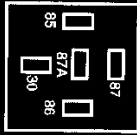
Pin	Circuit	Circuit function
1	15 (RD/YE)	Power, Hot with Headlamps on
2	57 (BK)	Ground
3	175 (BK/YE)	Park brake relay, switched output
4	1032 (WH/BK)	Daytime Running Lamps (DRL) relay 1, switched output
5	-	not used

C1172

12A581

13K027

Daytime Running
Lamps (DRL) relay 2



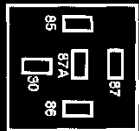
FEMALE

Pin	Circuit	Circuit function
30	13 (RD/BK)	Headlamp circuit (DRL)
85	1032 (WH/BK)	Daytime Running Lamps (DRL) relay 1, switched output
86	57 (BK)	Ground
87	471 (OG/LG)	Dropping resistor
87A	1033 (RD/YE)	Daytime Running Lamps (DRL) relay 2, switched output

C1173

15525

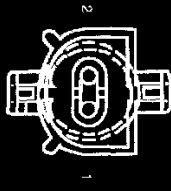
Transfer case
high to low relay



FEMALE

Pin	Circuit	Circuit function
30	778 (OG)	Four-wheel drive control module (14B486), to, Transfer case assembly
85	781 (OG/LB)	Switched ground
86	704 (DG/LG)	Voltage supplied at all times (overload protected)
87	704 (DG/LG)	Voltage supplied at all times (overload protected)
87A	57 (BK)	Transfer case high to low relay, control

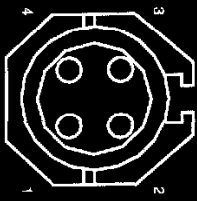
C1177 (BK)
15525
 4x4 High/Low
 indicator switch



FEMALE

Pin	Circuit	Circuit function
1	975 (BN/YE)	Four-wheel drive, Low, indicator, switch
2	210 (LB)	Four-wheel drive, High, indicator, switch

C1181 (BK)
12B637
 Fuel injector 1
 (9F5S93)

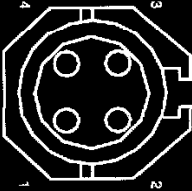


FEMALE

Pin	Circuit	Circuit function
1	4 (WH/BK)	Fuel injector 1 (9F5S93), open coil, Power
2	3 (LG/WH)	Fuel injector 1 (9F5S93), open coil, Ground
3	1 (DB)	Fuel injector 1 (9F5S93), close coil, Power
4	2 (WH/LB)	Fuel injector 1 (9F5S93), close coil, Ground

C1182
12B637
Fuel Injector
2 (9F593)

(BK)

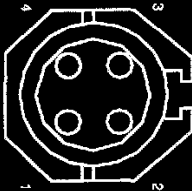


FEMALE

Pin	Circuit	Circuit function
1	20 (WH/LB)	Fuel Injector 2 (9F593), open coil, Power
2	19 (LB/RD)	Fuel Injector 2 (9F593), close coil, Ground
3	17 (WH)	Fuel Injector 2 (9F593), close coil, Power
4	18 (OG/YE)	Fuel Injector 2 (9F593), close coil, Ground

C1183
12B637
Fuel Injector 3
(9F593)

(BK)



FEMALE

Pin	Circuit	Circuit function
1	28 (BK/PK)	Fuel Injector 3 (9F593), open coil, Power
2	27 (OG/LG)	Fuel Injector 3 (9F593), open coil, Power
3	25 (DG/VT)	Fuel Injector 3 (9F593), close coil, Power
4	26 (WH/VT)	Fuel Injector 3 (9F593), close coil, Ground

C1184 (BK)
12B637
 Fuel Injector 4
 (9F593)

FEMALE

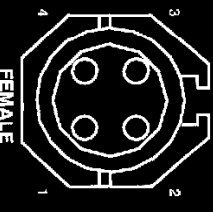
Pin	Circuit	Circuit function
1	8 (WH/PK)	Fuel Injector 4 (9F593), open coil, Power
2	7 (LG/YE)	Fuel Injector 4, open coil, Ground
3	5 (OG/LB)	Fuel Injector 4 (9F593), close coil, Power
4	6 (YE/LG)	Fuel Injector 4 (9F593), close coil, Ground

C1185 (BK)
12B637
 Fuel Injector 5
 (9F633)

FEMALE

Pin	Circuit	Circuit function
1	24 (DB/OG)	Fuel Injector 5 (9F593), open coil, Power
2	23 (TN/LG)	Fuel Injector 5 (9F593), open coil, Ground
3	21 (DG/LG)	Fuel Injector 5, close coil, Power
4	22 (LB/BK)	Fuel injector 5, close coil, Ground

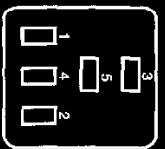
C1186 (BK)
12B637
 Fuel injector
 6 (9F593)



FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Fuel injector 6 (9F593), open coil, Power
2	15 (RD/YE)	Fuel injector 6 (9F593), open coil, Ground
3	13 (RD/BK)	Fuel injector 6 (9F593), close coil, Power
4	14 (BN)	Fuel injector 6, close coil, Ground

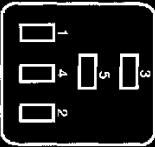
C1187
12A581
 Trailer tow
 relay, right turn



FEMALE

Pin	Circuit	Circuit function
1	5 (OG/LB)	Relay, control
2	57 (BK)	Ground
3	1362 (DG/OG)	Voltage supplied at all times (overload protected)
4	-	not used
5	64 (DG)	Trailer lamp socket, Right turn signal

C1188
12A581
Trailer low
relay, left turn



FEMALE

Pin	Circuit	Circuit function
1	9 (LG/OG)	Relay, control
2	57 (BK)	Ground
3	1362 (DG/OG)	Voltage supplied at all times (overload protected)
4	-	not used
5	52 (YE)	Trailer lamp socket, Left turn signal

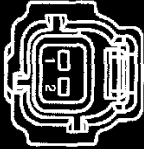
C1189 (BK)
12B637
Throttle Position
Sensor (TPS)
(9B889)



FEMALE

Pin	Circuit	Circuit function
1	351 (BN/WH)	Reference voltage
2	355 (GY/WH)	position sense
3	359 (GY/RD)	Signal return

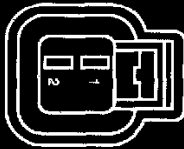
C1195
12A581
Vapor management
valve



FEMALE

Pin	Circuit	Circuit function
1	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
2	191 (LG/BK)	Switched ground

C1204
12B637
Fuel Injector 9 (9F593)



FEMALE

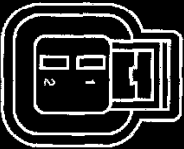
Pin	Circuit	Circuit function
1	1100 (GY/BK)	Fuel Injector 9 (9F593), control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

C1205

(GY)

12B637

Fuel Injector 10 (9F5S3)



FEMALE

Pin	Circuit	Circuit function
1	1100 (GY/BK)	Fuel injector 10 (9F5S3), control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

C1206

(BK)

12B637

Coil On Plug
(COP) 9 (12023)



FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, ignition switch in Start or Run (not overload protected)
2	1142 (WH/RD)	Switched ground

C1207
12B637
Coil On Plug
(COP) 16 (12/29)

(BK)

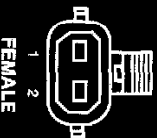


FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, Ignition switch in Start or Run (not overload protected)
2	1021 (LG/YE)	Switched ground

C1210
12A581
Air filter sensor

(BK)

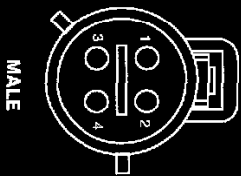


FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	142 (LB/RD)	Air filter sensor, input

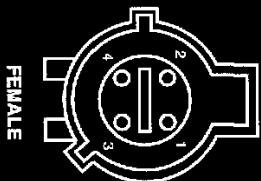
C1221 (BK)

14B102



- (1) 1102 (YELG)
- (2) -
- (3) -
- (4) 359 (GY/RD)

12B637

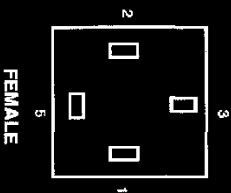


- (1) 1102 (YELG)
- (2) -
- (3) -
- (4) 359 (GY/RD)

C1235

12A581

Fuel Injector Control
Module (FICM)
power relay



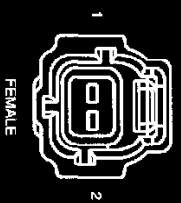
Pin	Circuit	Circuit function
1	3098 (RD/YE)	Switched ground
2	792 (TN/YE)	Fuel Injector Control Module (FICM) power relay, switched power, output
3	544 (VT)	Voltage supplied at all times (overload protected)
4	-	not used
5	876 (DG/LG)	relay control battery feed

C1236 (GY)

9D930

12B637

Manifold Air
Temperature
(MAT) sensor



FEMALE

Pin	Circuit	Circuit function
1	359 (GY/RD)	Signal return
2	42 (RDWH-I)	signal from Powertrain Control Module (PCM) (12A65) -

C1244 (BK)

12B637

Injection Control
Pressure (ICP)
sensor



FEMALE

Pin	Circuit	Circuit function
1	359 (GY/RD)	Signal return
2	351 (BN/WH)	Reference voltage
3	812 (DB/LG)	Injection pressure sensor, monitor

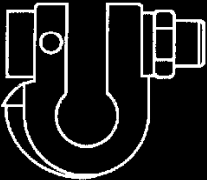
C1247 (BK)
12A581
Electronic Shift
On the Fly
(ESOF) solenoid



FEMALE

Pin	Circuit	Circuit function
1	146 (GY/BK)	Switched ground
2	295 (LB/PK)	Voltage In Run (overload protected)
3	605 (RD)	Switched ground

C1249a
14B060
14305
Battery II



Pin	Circuit	Circuit function
1	2037 (RD)	Battery Power

C1249b

14301

Battery II

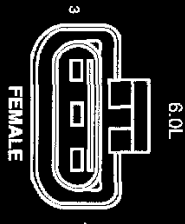


Pin	Circuit	Circuit function
1	2057 (BK)	Ground

C1251a (BK)

14305

Generator, secondary



Pin	Circuit	Circuit function
1	1185 (YE)	Charge (including: ammeter/voltmeter) indicator
2	-	not used
3	35 (OG/LB)	Voltage supplied at all times (overload protected)

C1251c

14305

Generator, secondary



Pin	Circuit	Circuit function
1	36 (YEM/H)	Voltage supplied at all times (overload protected)

C1271 (BK)

12B637

Exhaust Back
Pressure (EBP) sensor



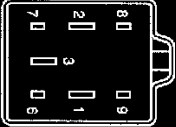
FEMALE

Pin	Circuit	Circuit function
A	359 (GY/ED)	Signal return
B	351 (BN/WH)	Reference voltage
C	563 (VT/LB)	position sense

C1273a (GN)

9D930
12B637

Glow plug
control module
(GPCM)



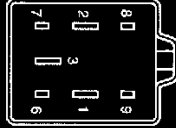
FEMALE

Pin	Circuit	Circuit function
1	150 (DG/WH)	Glow plug 5, control
2	170 (RD/LB)	Glow plug 7, control
3	38 (BK/OG)	Battery Power
4	-	not used
5	-	not used
6	110 (WH/LG)	Glow plug 1, control
7	130 (RD/LG)	Glow plug 3, control
8	1086 (VT/OG)	Glow plug relay, control
9	1277 (WH/LG)	Glow plug relay, control

C1273b (BK)

9D930
12B637

Glow plug
control module
(GPCM)



FEMALE

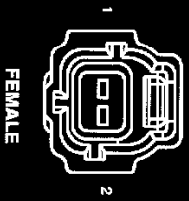
Pin	Circuit	Circuit function
1	160 (DB/WH)	Glow plug 6, control
2	180 (RD)	Glow plug 8, control
3	38 (BK/OG)	Battery Power
4	-	not used
5	-	not used
6	120 (PK/LG)	Glow plug 2, control
7	140 (BK/PK)	Glow plug 4, control
8	-	not used
9	361 (RD)	PCM power relay, switched power

C1275

(BK)

12B637

Camshaft position sensor (6B288)



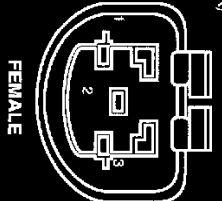
FEMALE

Pin	Circuit	Circuit function
1	50 (RD)	Camshaft position sensor (6B288), Sensor signal +
2	49 (OG)	Camshaft position sensor (6B288), Sensor signal -

C1278

(BK)

12A581



FEMALE

(1)

12 (LG/BK)

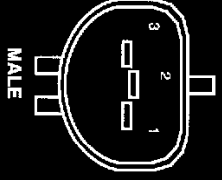
(2)

57 (BK)

(3)

160 (DB/WH)

13A006



MALE

(1)

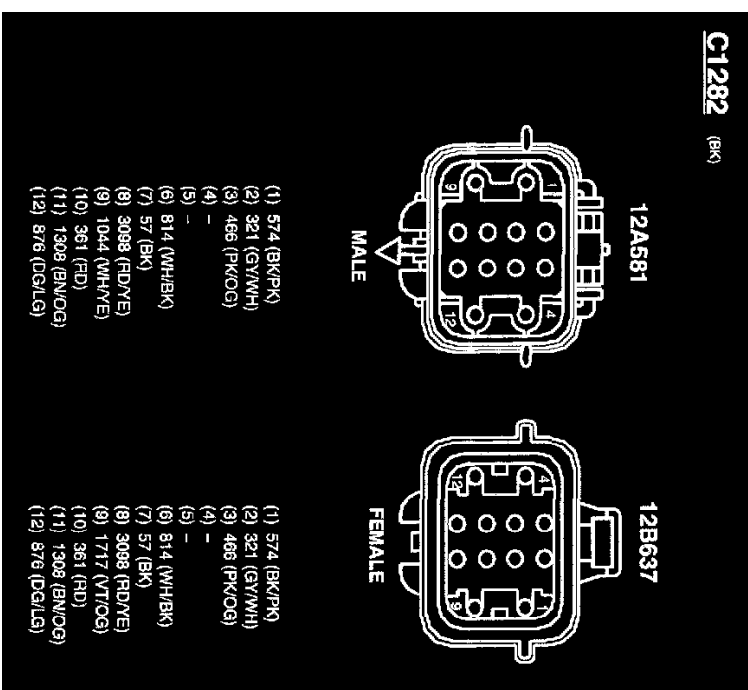
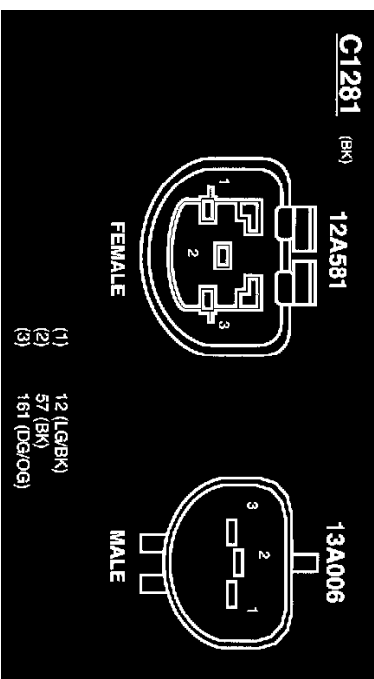
12 (LG/BK)

(2)

57 (BK)

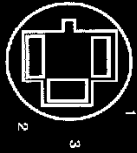
(3)

161 (DG/OC)



C1284 (BK)
13A006

Headlamp, left (13008)



FEMALE

Pin	Circuit	Circuit function
1	12 (LG/BK)	High beam
2	57 (BK)	Ground
3	160 (DB/WH)	Headlamp, left (13008), (Low beam lamp lead)

C1285 (BK)
13A006

Headlamp, right (13008)



FEMALE

Pin	Circuit	Circuit function
1	12 (LG/BK)	High beam
2	57 (BK)	Ground
3	161 (DG/OG)	Headlamp, right (13008), (Low beam lamp lead)

Bk)

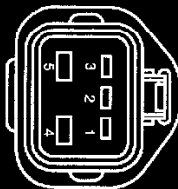
(1)	361 (RD)
(2)	440 (TN/LG)
(3)	347 (BK/YE)
(4)	1183 (WH/YE)
(5)	1185 (YE)
(6)	904 (LG/RD)
(7)	441 (RD/YE)
(8)	439 (TN/LG)

(1)	**1155 (YE/BK)
	* _
(2)	440 (TN/LG)
(3)	347 (BK/YE)
(4)	1183 (WH/YE)
(5)	1185 (YE)
(6)	904 (LG/HD)
(7)	441 (RD/YE)
(8)	439 (TN/LG)

Early production

12A581

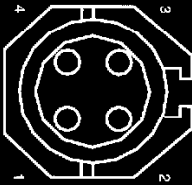
(19E624)



FEMALE

Pin	Circuit	Circuit function
1	752 (YE/RD)	Blower motor speed controller, Signal return
2	754 (LG/WH)	Blower motor speed controller, Signal return
3	261 (OG/BK)	Blower motor, High
4	261 (OG/BK)	Blower motor speed controller, command
5	57 (BK)	Ground

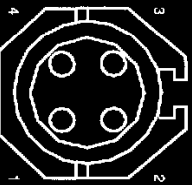
C1312 (BK)
12B637
 Fuel Injector
 7 (9F593)



FEMALE

Pin	Circuit	Circuit function
1	12 (LG/BK)	Fuel injector 7 (9F593), open coil, Power
2	11 (TN/YE)	Fuel injector 7 (9F593), open coil, Ground
3	9 (LG/OG)	Fuel injector 7 (9F593), close coil, Power
4	10 (LG/RD)	Fuel injector 7 (9F593), close coil, Ground

C1313 (BK)
12B637
 Fuel Injector
 8 (9F593)

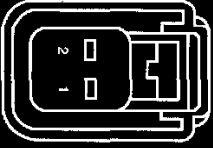


FEMALE

Pin	Circuit	Circuit function
1	32 (RD/LB)	Fuel injector 8 (9F593), open coil, Power
2	31 (WH/RD)	Fuel injector 8 (9F593), open coil, Ground
3	29 (YE/WH)	Fuel injector 8, close coil, Power
4	30 (BK/LG)	Fuel injector 8 (9F593), close coil, Ground

C1328
9F759

(BN)
Fuel heater



FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Fuel heater relay, switched output
2	57 (BK)	Ground

C1360
9D930
12B637

(BK)
Injection Pressure
Regulator (IPR)

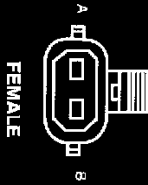


FEMALE

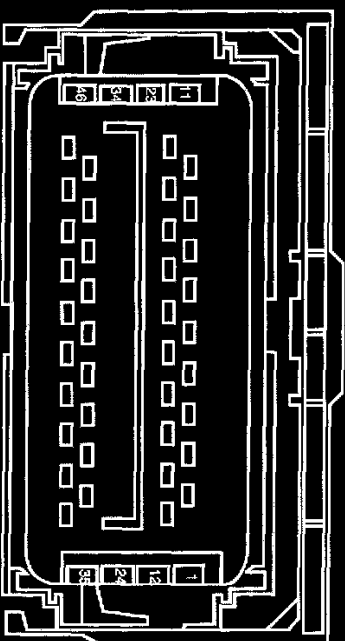
Pin	Circuit	Circuit function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	552 (YE/RD)	Switched ground

C1368 (BK)

12B637



Pin	Circuit	Circuit function
A	355 (GY/WH)	not used
B	357 (YE/WH)	not used

C1381a (BK)**12A581**Powertrain Control
Module (PCM)
(12A650)

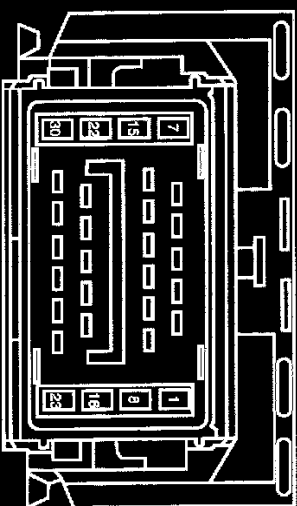
FEMALE

* automatic transmission
** manual transmission

Pin	Circuit	Circuit function
1	76 (LG/WH)	not used
2	331 (PK/YE)	A/C clutch relay, control
3	71 (OG/LG)	Powertrain Control Module (PCM) (12A650), Data output link
4	262 (BN/PK)	Starter relay circuit, control
5	926 (LB/OG)	Fuel pump relay, control
6	—	not used
7	1857 (YE/WH)	not used
8	439 (TN/LG)	A/C clutch cycling pressure switch (19D594), Signal return
9	203 (OG/LB)	Speed control indicator, control
10	567 (LB/YE)	Ground
11	570 (BK/WH)	Ground
12	322 (LB/YE)	not used
13	3072 (PK/YE)	CAN Bus T+H
14	3073 (RD/WH)	CAN Bus T-L
15	643 (RD)	Water-in-fuel sensor, signal
16	440 (TN/LG)	A/C clutch cycling pressure switch (19D594), Reference voltage - 12V
17	162 (LG/RD)	Parking brake switch (15A851), signal
18	810 (RD/LG)	Brake pedal position switch (13480), input
19	787 (PK/BK)	Fuel pump, monitor

Pin	Circuit	Circuit function
20	3094 (LB/RD)	Accelerator pedal position sensor, Signal return 2
21	968 (TN/LB)	Mass Air Flow (MAF) sensor (12B579), signal, return
22	239 (WH/OG)	not used
23	570 (BK/WH)	Ground
24	133 (BK)	speed control, Signal return
25	3076 (YE/WH)	Accelerator pedal position sensor, monitor 3
26	3091 (LB/BK)	Accelerator pedal position sensor, monitor 1
27	—	not used
28	307 (BK/YE)	Brake pressure switch (2B264), input
29	3093 (WH/LB)	Accelerator pedal position sensor, Reference voltage 2
30	3090 (VT)	Generator/Battery indicator, control
31	151 (LB/BK)	Speed control switch, input
32	914 (TN/OG)	Standard Corporate Protocol (SCP) data +
33	359 (GY/RD)	Signal return
34	361 (RD)	Voltage supplied in Start and Run (overload protected)
35	679 (GY/BK)	Vehicle Speed Sensor (VSS), signal
36	**224 (TN/WH)	Tow/Haul switch, signal
36	**306 (TN/LB)	Clutch pedal position switch
37	3075 (YE)	Accelerator pedal position sensor, monitor 2
38	356 (DB/LG)	Barometric Absolute Pressure (BAP) sensor, monitor

Pin	Circuit	Circuit function
39	107 (V7)	Module programming signal
40	729 (FD/MH)	Voltage supplied at all times (overload protected)
41	358 (LG/BK)	Manifold Absolute Pressure (MAP) sensor, monitor
42	967 (LB/RD)	Mass Air Flow (MAF) sensor (12B579), signal
43	743 (GV)	Intake air temperature sensor, signal
44	915 (PK/LB)	Standard Corporate Protocol (SCP) data -
45	351 (BN/MH)	Reference voltage
46	361 (RD)	Voltage supplied in Start and Run (overload protected)

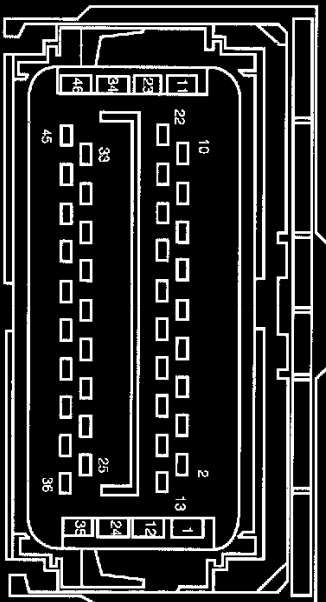
C1381b (BK)**15525**Powertrain
Control Module
(PCM) (12A650)

FEMALE

* if equipped

Pin	Circuit	Circuit function
1	371 (PK/WH)	Reference voltage
2	480 (VT/YE)	Pressure Control (PC-A) solenoid (7G383)
3	324 (YE/LG)	Reversing lamps relay, control
4	463 (RD/WH)	Transfer case Neutral, signal
5	911 (WH/LG)	Transmission Control Indicator Lamp (TCIL), control (Tow/Haul)
6	-	not used
7	1876 (YE/WH)	Electronic Pressure Control (EPC) solenoid, Power, (Tow/Haul)
8	-	not used
9	237 (OG/YE)	Shift Solenoid Pressure Control A (SSPC-A) (7J136), control
10	315 (VT/OG)	Shift Solenoid Pressure Control B (SSPC-B) (7J136), control
11	971 (PK/BK)	Shift Solenoid Pressure Control C (SSPC-C) (7J136), control
12	236 (BK/LG)	Shift Solenoid Pressure Control D (SSPC-D) (7J136), control
13	125 (DB/MH)	Shift Solenoid Pressure Control E (SSPC-E) (7J136), control
14	924 (BN/OG)	Torque Converter Clutch (TCC) solenoid (7J136), control

Pin	Circuit	Circuit function
15	-	not used
16	-	not used
17	*925 (WH/YE)	Pressure Switch A (PS-A) (7E440), signal
18	*966 (LB/PK)	Pressure Switch B (PS-B) (7E440), signal
19	*535 (LB/RD)	Pressure Switch C (PS-C) (7E440), signal
20	*912 (WH/RD)	Pressure Switch D (PS-D) (7E440), signal
21	*539 (PK/LB)	Pressure Switch E (PS-E) (7E440), signal
22	570 (BK/WH)	Transmission Range Sensor Assembly (TR-P) (7H557), Ground
23	-	not used
24	-	not used
25	199 (LB/YE)	Transmission Range Sensor Assembly (TR-P) (7H557), signal
26	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor (7H141), signal
27	134 (GV/OG)	Intermediate Shaft Speed (ISS) sensor (7M101), signal
28	136 (DB/YE)	Output Shaft Speed (OSS) sensor (7H103), signal
29	970 (DG/MH)	Turbine Shaft Speed (TSS) sensor (7M101), signal
30	1875 (OG/WH)	Signal return

C1381C (BK)**12B637**Powertrain
Control Module
(PCM) (12A850)

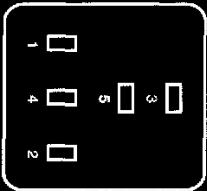
Pin	Circuit	Circuit function
1	1183 (WH/YE)	Charge (including: ammeter/voltmeter), monitor
2	552 (YE/RO)	Injection Pressure Regulator (IPR), control
3	1086 (VT/OG)	Glow Plug System, signal
4	1185 (YE)	Charge (including: ammeter/voltmeter), monitor, Generator, secondary
5	466 (VT/OG)	not used
6	229 (RO/OG)	Electronic fan clutch, signal
7	-	not used
8	-	not used
9	-	not used
10	41 (BK/LB)	Variable geometric turbo actuator, control
11	43 (DB)	Variable geometric turbo actuator, common
12	835 (GY/WH)	Electronic Throttle Control (ETC) motor +/-
13	-	not used
14	228 (DB)	Electronic fan clutch, control
15	-	not used
16	-	not used
17	1277 (WH/LG)	Glow plug control module (GPCM), signal
18	-	not used
19	54 (LG/YE)	Fuel Injector Control Module (FICM), fuel delivery command
20	56 (DB/OG)	Fuel Injector Control Module (FICM), cylinder identification
21	-	not used
22	360 (BN/PK)	Engine cooling fan, Ground

Pin	Circuit	Circuit function
23	33 (WH/PK)	EGR valve actuator, control
24	357 (YE/WH)	Electronic Throttle Control (ETC) motor +/-
25	359 (GY/RO)	Signal return
26	70 (LB/WH)	CAN Bus 2L
27	553 (VT/LB)	Exhaust Back Pressure (EBP) sensor, signal
28	878 (PK/YE)	Fuel Injector Control Module (FICM), communication
29	812 (DB/LG)	Injection Control Pressure (ICP) sensor, signal
30	349 (DB)	Crankshaft position sensor (6C315) +
31	50 (RD)	Camshaft position sensor (6B288) +
32	3076 (YE/WH)	Coolant temperature sensor, signal
33	34 (LB/OG)	EGR valve actuator, position sense
34	-	not used
35	-	not used
36	351 (BN/WH)	Reference voltage
37	69 (RD/LG)	CAN Bus 2H
38	73 (OG/LB)	EGR throttle position sensor, monitor
39	-	not used
40	-	not used
41	350 (GY)	Crankshaft position sensor (6C315) -
42	57 (BK)	Ground, Drain wire
43	49 (OG)	Camshaft position sensor (6B288) -
44	354 (LG/RD)	Engine Oil Temperature (EOT) sensor, signal
45	412 (RD/WH)	Air Charge Temperature (ACT) sensor, signal
46	352 (BN/LG)	Electronic fan clutch, Reference voltage

C1382

12A581

A/C clutch relay



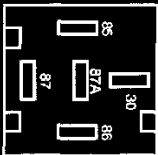
FEMALE

Pin	Circuit	Circuit function
1	331 (PK/YE)	A/C clutch relay, control
2	391 (FD/YE)	Voltage supplied in Start and Run (overload protected)
3	326 (WH/VT)	Voltage supplied at all times (overload protected)
4	—	not used
5	321 (GY/WH)	A/C clutch relay, switched power, output

C1383

12A581

Trailer tow
relay, right turn



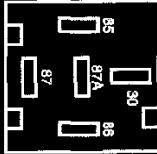
FEMALE

Pin	Circuit	Circuit function
30	1382 (DG/OG)	Voltage supplied at all times (overload protected)
85	57 (BK)	Coil Ground
86	5 (OG/LB)	Turn lamps, feed, right rear
87	64 (DG)	Trailer tow relay, right turn, switched power, output
87A	—	not used

C1384

12A561

Trailer tow relay, left
turn



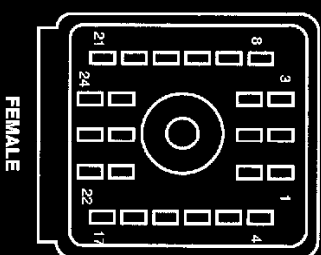
FEMALE

Pin	Circuit	Circuit function
30	1362 (DG/OG)	Voltage supplied at all times (overload protected)
85	57 (BK)	Coil Ground
86	9 (LG/OG)	Turn lamps, feed, left rear
87	52 (YE)	Trailer tow relay, left turn, switched power, output
87A	-	not used

C1385 (BK)**15525**

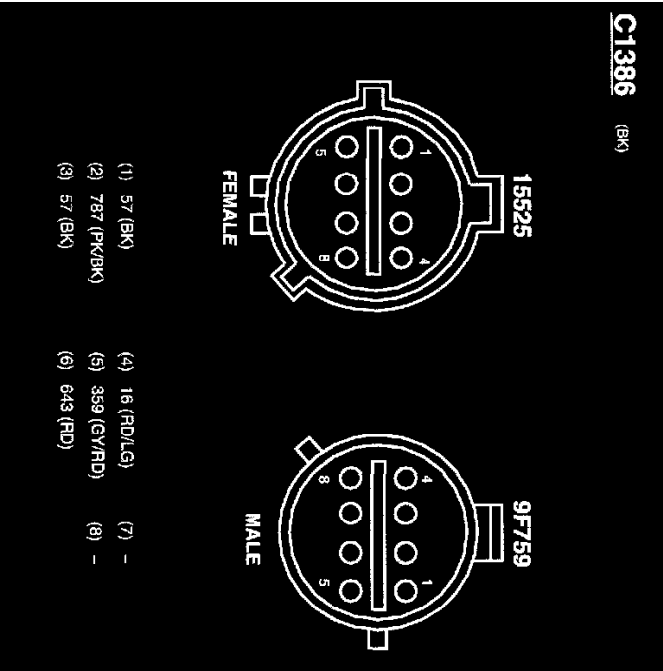
TorqShift transmission

* If equipped



Pin	Circuit	Circuit function
1	125 (DB/WH)	Shift Solenoid Pressure Control E (SSPC-E) (7J136)
2	-	not used
3	315 (VT/OG)	Shift Solenoid Pressure Control B (SSPC-B) (7J136)
4	236 (BK/LG)	Shift Solenoid Pressure Control D (SSPC-D) (7J136)
5	971 (PK/BK)	Shift Solenoid Pressure Control C (SSPC-C) (7J136)
6	-	not used
7	1876 (YE/WH)	Shift solenoid VPWR
8	924 (BN/OG)	Torque Converter Clutch (TCC) solenoid (7J136)
9	*535 (LB/RD)	Pressure Switch C (PS-C) (7E440)
10	480 (VT/YE)	Pressure Control (PC-A) solenoid (7G383)
11	*912 (WH/RD)	Pressure Switch D (PS-D) (7E440)
12	237 (OG/YE)	Shift Solenoid Pressure Control A (SSPC-A) (7J136)
13	*539 (PK/LB)	Pressure Switch E (PS-E) (7E440)
14	*925 (WH/YE)	Pressure Switch A (PS-A) (7E440)

Pin	Circuit	Circuit function
15	199 (LB/YE)	Transmission Range Sensor Assembly (TR-P) (7H557), signal
16	*966 (LB/PK)	Pressure Switch B (PS-B) (7E440)
17	570 (BK/WH)	Transmission Range Sensor Assembly (TR-P) (7H557), Ground
18	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor (7H141)
19	-	not used
20	1876 (YE/WH)	Shift solenoid VPWR
21	371 (PK/WH)	Reference voltage, Transmission Range Sensor Assembly (TR-P) (7H557)
22	1875 (OG/WH)	Signal return, Transmission Fluid Temperature (TFT) sensor (7H141)
23	-	not used
24	1876 (YE/WH)	Shift solenoid VPWR



C1387 (BK)
15525
Speed sensor
assembly (7M101)

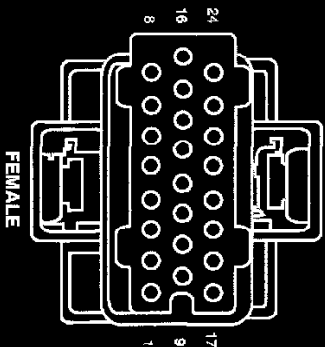
FEMALE

Pin	Circuit	Circuit function
1	371 (PK/WH)	Reference voltage
2	570 (BK/WH)	Signal return
3	970 (DG/WH)	Turbine Shaft Speed (TSS) sensor signal
4	134 (GY/OG)	Intermediate Shaft Speed (ISS) sensor (7M101), signal

C1388a (BK)

12B637

Fuel Injector
Control Module
(FICM)

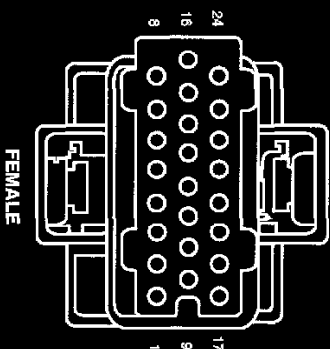


Pin	Circuit	Circuit function
1	7 (LG/YE)	Fuel injector 4, open coil, Ground
2	3 (LG/WH)	Fuel injector 1, open coil, Ground
3	11 (TN/YE)	Fuel injector 7, open coil, Ground
4	15 (RD/YE)	Fuel injector 6, open coil, Ground
5	2 (WH/LB)	Fuel injector 1, close coil, Ground
6	6 (YE/LG)	Fuel injector 4, close coil, Ground
7	14 (BN)	Fuel injector 6, close coil, Ground
8	10 (LG/RD)	Fuel injector 7, close coil, Ground
9	-	not used
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	-	not used
15	-	not used
16	-	not used
17	12 (LG/BK)	Fuel injector 7 (9F5593), open coil, Power
18	9 (LG/OG)	Fuel injector 7 (9F5593), close coil, Power
19	4 (WH/BK)	Fuel injector 1, open coil, Power
20	1 (DB)	Fuel injector 1, close coil, Power
21	16 (RD/LG)	Fuel injector 6, open coil, Power
22	13 (RD/BK)	Fuel injector 6, close coil, Power
23	8 (WH/PK)	Fuel injector 4, open coil, Power
24	5 (OG/LB)	Fuel injector 4, close coil, Power

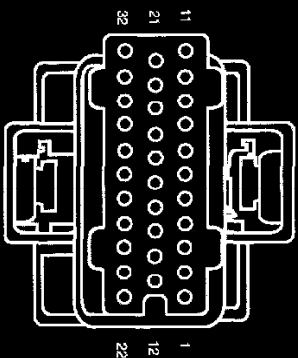
C1388b (BK)

12B637

Fuel Injector
Control Module
(FICM)



Pin	Circuit	Circuit function
1	23 (TN/LG)	Fuel injector 5, open coil, Ground
2	19 (LB/RD)	Fuel injector 2, open coil, Ground
3	31 (WH/RD)	Fuel injector 8, open coil, Ground
4	27 (OG/LG)	Fuel injector 3, open coil, Ground
5	22 (LB/BK)	Fuel injector 5 (9F5593), close coil, Ground
6	18 (OG/YE)	Fuel injector 2 (9F5593), close coil, Ground
7	30 (BK/LG)	Fuel injector 8, close coil, Ground
8	26 (WH/VT)	Fuel injector 3, close coil, Ground
9	-	not used
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	-	not used
15	-	not used
16	-	not used
17	20 (WH/LB)	Fuel injector 2, open coil, Power
18	17 (WH)	Fuel injector 2 (9F5593), close coil, Power
19	28 (BK/PK)	Fuel injector 3 (9F5593), open coil, Power
20	25 (DG/VT)	Fuel injector 3, close coil, Power
21	24 (DB/OG)	Fuel injector 5, open coil, Power
22	21 (DG/LG)	Fuel injector 5, close coil, Power
23	32 (RD/LB)	Fuel injector 8, open coil, Power
24	29 (YE/WH)	Fuel injector 8, close coil, Power

C1388C (BK)**12B637**Fuel Injector
Control Module
(FICM)

FEMALE

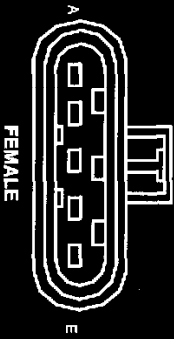
Pin	Circuit	Circuit function
1	574 (BK/PK)	Ground
2	574 (BK/PK)	Ground
3	574 (BK/PK)	Ground
4	876 (DG/LG)	Fuel Injector Control Module (FICM) power relay, switched power
5	54 (LG/YE)	Fuel delivery command
6	—	not used
7	1717 (VT/OG)	Voltage supplied in Start and Run (overload protected)
8	814 (WH/BK)	Fuel Injector Control Module (FICM) power relay, switched power, fused feed
9	878 (PK/YE)	Powertrain Control Systems, Communication
10	56 (DB/OG)	Cylinder identification
11	—	not used
12	—	not used
13	—	not used
14	—	not used
15	—	not used
16	—	not used

Pin	Circuit	Circuit function
17	—	not used
18	—	not used
19	—	not used
20	—	not used
21	—	not used
22	574 (BK/PK)	Ground
23	876 (DG/LG)	Fuel Injector Control Module (FICM) power relay, switched power
24	876 (DG/LG)	Fuel Injector Control Module (FICM) power relay, switched power
25	876 (DG/LG)	Fuel Injector Control Module (FICM) power relay, switched power
26	574 (BK/PK)	Ground
27	3098 (RD/YE)	Fuel Injector Control Module (FICM) power relay, control
28	—	not used
29	—	not used
30	69 (RD/LG)	CAN Bus 2H
31	70 (LB/WH)	CAN Bus 2L
32	57 (BK)	Drain wire

C1389 (BK)

12B637

EGR valve actuator



Pin	Circuit	Circuit function
A	38 (WH/PK)	EGR valve actuator, control
B	369 (GY/RED)	Signal return
C	34 (LB/OG)	position sense
D	351 (BN/WH)	Reference voltage
E	361 (TD)	PCM power relay, switched power

C1390 (BK)

12B637

Variable geometric turbo actuator



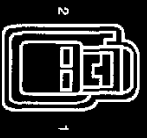
Pin	Circuit	Circuit function
1	43 (DB)	Variable geometric turbo actuator, common
2	41 (BK/LB)	Variable geometric turbo actuator, control

C1392

(GY)

9F759

Fuel pump



FEMALE

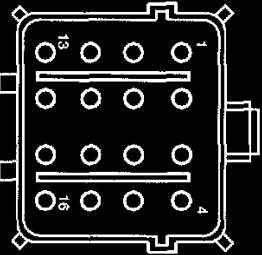
Pin	Circuit	Circuit function
1	787 (PK/BK)	Fuel pump relay, switched power
2	57 (BK)	Ground

C1393

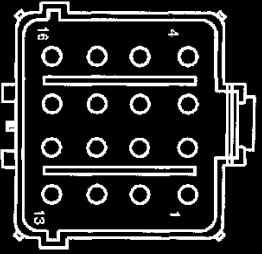
(GY)

15525

14401



MALE



FEMALE

(1) 787 (PK/BK)

(2) 483 (RD/WH)

(3) 771 (VT/YE)

(4) 764 (BR/WH)

(5) 140 (BK/PK)

(6) 976 (OG)

(7) 770 (WH)

(8) 3859 (BK/PK)

(9) 57 (BK)

(10) 782 (BR/WH)

(11) 781 (OG/LB)

(12) 704 (DGLG)

(13) 295 (FLB/PK)

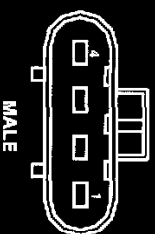
(14) 210 (LB)

(15) 975 (BR/YE)

(16) 763 (OG/WH)

C1413
12B637

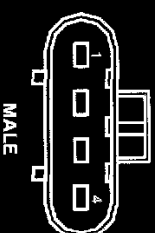
(BK)
Glow plug
bank, left



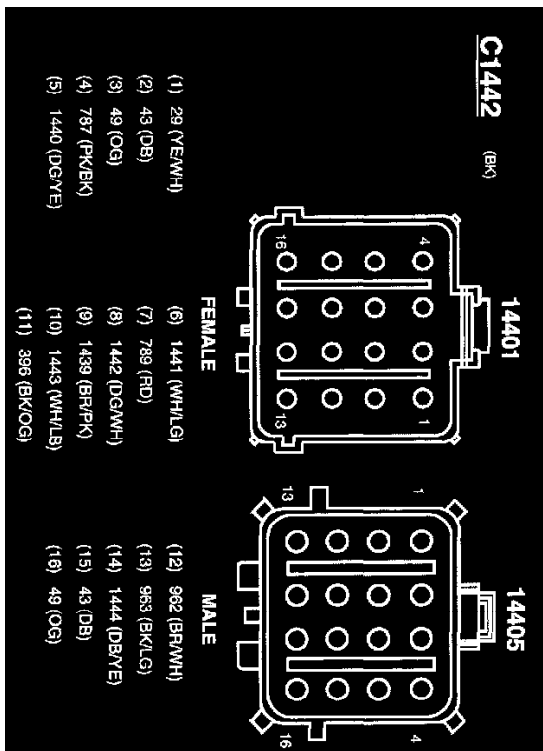
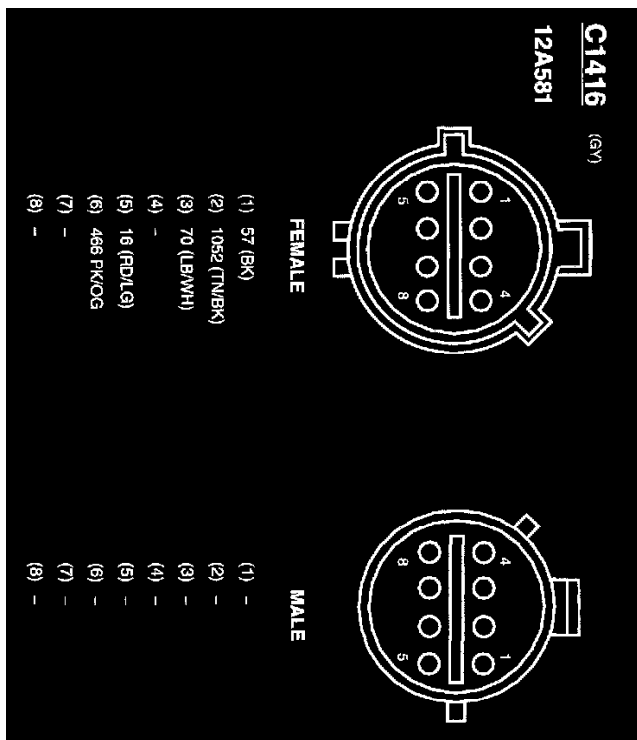
Pin	Circuit	Circuit function
1	120 (PK/LG)	glow plug feed
2	140 (BK/PK)	glow plug feed
3	160 (DB/WH)	glow plug feed
4	180 (RD)	glow plug feed

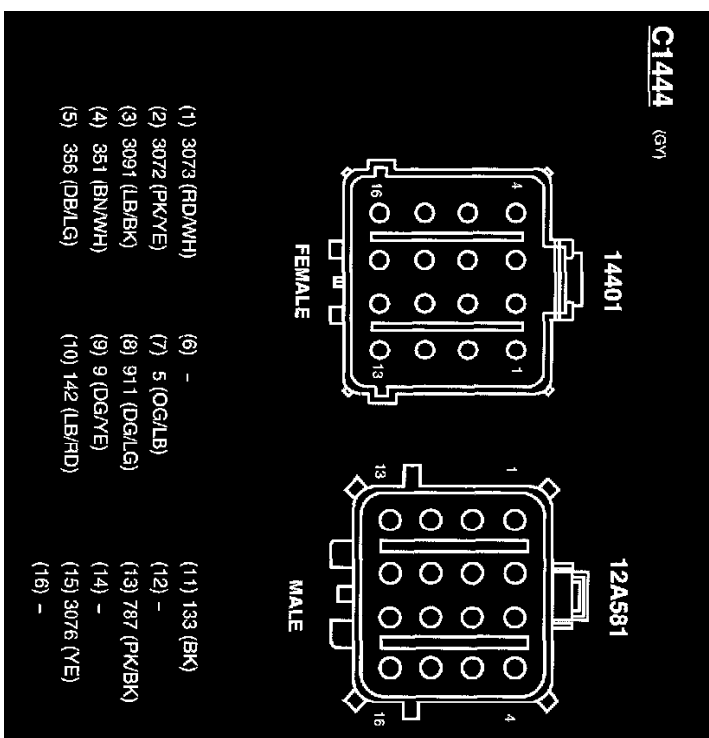
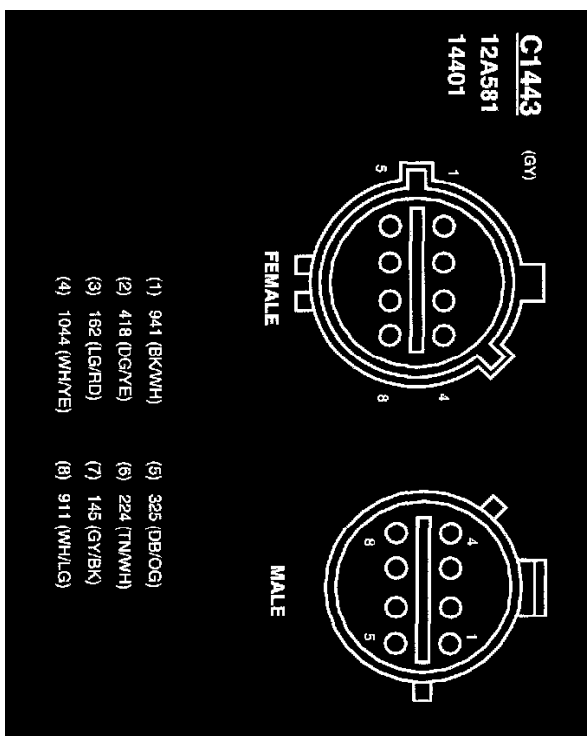
C1414
12B637

(BK)
Glow plug
bank, right



Pin	Circuit	Circuit function
1	170 (RD/LB)	glow plug feed
2	150 (DG/WH)	glow plug feed
3	130 (RD/LG)	glow plug feed
4	110 (WH/LG)	glow plug feed





C2003
14401
Adjustable pedal motor (9C96Z)

without memory



MALE

Pin	Circuit	Circuit function
1	1490 (LB/OG)	Adjustable pedal motor (2C429) +/-
2	1489 (LB/BK)	Adjustable pedal motor (2C429) +/-

C2007
14401
Passive anti-theft transceiver

FEMALE



Pin	Circuit	Circuit function
1	165 (TN/WH)	TX, -
2	1266 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	1216 (GY/OG)	RX, signal
4	1215 (WH/LG)	TX, signal

C2008 (BK)

14401

Brake shift interlock



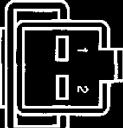
3
1
FEMALE

Pin	Circuit	Circuit function
1	295 (LB/PK)	Voltage in Run (overload protected)
2	57 (BK)	Ground
3	810 (FD/LG)	Brake pedal position switch (13480), input

C2015 (BK)

14401

Parking brake switch (15A851)

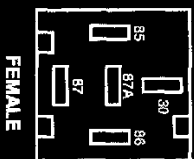


1
2
FEMALE

Pin	Circuit	Circuit function
1	162 (LG/RD)	Switched ground
2	676 (PK/OG)	Ground

C2017

Blower motor relay

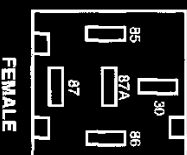


* with EATC

Pin	Circuit	Circuit function
30	-	Voltage supplied at all times (overload protected)
85	296 (WH/YT)	Voltage in Run (overload protected)
	*399 (BN/YE)	Blower motor relay, control
86	399 (BN/YE)	Ground
	*57 (BK)	Ground
87	181 (BN/GS)	Front blower motor relay, switched power, output
87A	-	not used

C2021

Rear window defrost relay

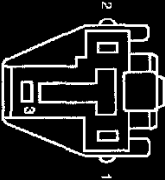
* Excursion
** Pickup

Pin	Circuit	Circuit function
30	-	Voltage supplied at all times (overload protected), Contact
85	*688 (GY/LB)	Switched ground
	**57 (BK)	Ground
86	-	Voltage in Run (overload protected), Coil
87	-	Rear window defrost relay, switched power, output
87A	-	not used

C2031 (TN)

14401

Cigar lighter, front
(15055)



2
1
3

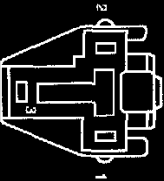
FEMALE

Pin	Circuit	Circuit function
1	40 (LBWH)	Voltage supplied at all times (overload protected)
2	-	not used
3	57 (BK)	Ground

C2033 (BK)

14401

Power point, instru-
ment panel
(19N239)



2
1
3

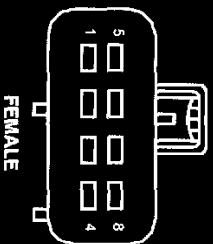
FEMALE

Pin	Circuit	Circuit function
1	1049 (BN/PK)	Voltage supplied at all times (overload protected)
2	-	not used
3	57 (BK)	Ground

C2035 (BU)

14401

Parking aid disable
switch (15A860)

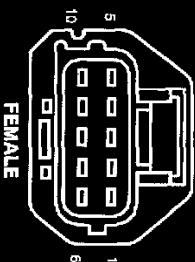


Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	1435 (DG/VT)	On/Off signal
3	-	not used
4	57 (BK)	Ground
5	-	not used
6	1436 (VT/OG)	On/Off signal, Light emitting diode (LED), control
7	-	not used
8	19 (LB/RD)	Instrument illumination

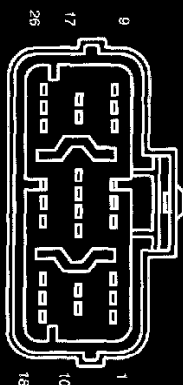
C2040 (GY)

14401

Accelerator
pedal position
sensor



Pin	Circuit	Circuit function
1	-	not used
2	3075 (YE)	position sense 2
3	57 (BK)	Ground
4	351 (BN/WH)	Reference voltage
5	3083 (WH/LB)	Reference voltage 2
6	57 (BK)	Ground
7	3091 (LB/BK)	position sense 1
8	3076 (YE/WH)	position sense 3
9	359 (GY/RD)	Signal return
10	3094 (LB/RD)	Signal return 2

C2041 (BK)**14401**Restraints control
module (143321)**FEMALE**

* Pickup

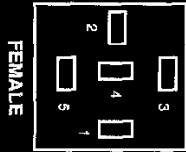
Pin	Circuit	Circuit function
1	—	not used
2	609 (OG/YE)	Voltage in Run (overload protected)
3	614 (GY/OG)	Driver air bag, feed, monitor
4	615 (GY/WH)	Driver air bag, return
5	70 (LB/WH)	ISO Bus
6	607 (LB/OG)	Passenger air bag, feed, monitor
7	616 (PK/BK)	Passenger air bag, return
8	1112 (WH/LB)	Passenger Air bag Deactivation (PAD) switch, signal
9	1113 (YE/LG)	Passenger Air bag Deactivation (PAD) switch, indicator, control
10	609 (OG/YE)	Voltage in Run (overload protected)
	*649 (BK/OG)	Ground
11	—	not used
12	—	not used
13	609 (OG/YE)	Voltage in Run (overload protected)
	609 (OG/YE)	Voltage in Run (overload protected)
14	*649 (BK/OG)	Ground

Pin	Circuit	Circuit function
15	1081 (YE/RI)	Passenger safety belt retractor pretensioner, feed
16	1082 (LB/BK)	Passenger safety belt retractor pretensioner, return
17	—	not used
18	1079 (LG/RI)	Driver safety belt retractor pretensioner, feed
19	—	not used
20	608 (BK/YE)	Air bag indicator, control
21	649 (BK/OG)	Air bag, dedicated ground
22	1080 (LG/BK)	Driver safety belt retractor pretensioner, return
23	—	not used
24	—	not used
25	—	not used
26	1083 (LB/BK)	Air bag, tone driver

C2047

14401

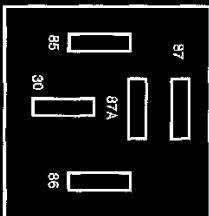
Indicator
flasher relay
(13350)



Pin	Circuit	Circuit function
1	44 (LB)	Turn signal flasher, to turn signal switch
2	295 (LB/PK)	Voltage in Run (overload protected)
3	10 (LG/RD)	Voltage supplied at all times (overload protected)
4	385 (WH/RD)	Hazard flasher switch, Power
5	57 (BK)	Ground

C2075

Accessory
delay relay

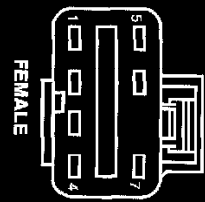


Pin	Circuit	Circuit function
30	-	Voltage supplied at all times (overload protected)
85	54 (LG/YE)	Battery saver relay, switched power, feed control
86	1332 (LB)	
87	400 (LB/BK)	Accessory delay relay, switched power, output
87A	-	not used

C2089 (BK)

14401

Adjustable pedal switch

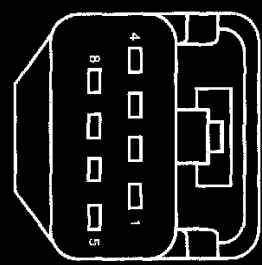


Pin	Circuit	Circuit function
1	1490 (LB/OG)	Adjustable pedal motor (2C429), Rearward – without memory
	1492 (LB/RD)	Adjustable pedal motor (2C429), Rearward – with memory
2	1567 (RD/LB)	Voltage supplied at all times (overload protected) – without memory
	676 (PK/OG)	Ground – with memory
3	57 (BK)	Ground – without memory
4	57 (BK)	Ground, Illumination
5	19 (LB/RD)	Instrument illumination
6	57 (BK)	Ground
7	1489 (LB/BK)	Adjustable pedal motor (2C429), Forward – without memory
	1493 (PK/BK)	Adjustable pedal motor (2C429), Forward – with memory

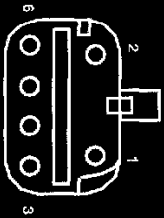
C2093 (BK)

14401

Remote solenoid assembly

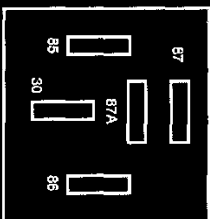


Pin	Circuit	Circuit function
1	1112 (WH/LB)	common
2	1107 (WH)	Solenoid #1, control
3	1108 (TN/WH)	Solenoid #2, control
4	1109 (OG/BK)	Solenoid #3, control
5	1110 (LG/VT)	Solenoid #4, control
6	1111 (VT)	Solenoid #5, control
7	–	not used
8	–	not used

C2099 (BK)**14401**Passenger Air
bag Deactivation
(PAD) switch

FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	1113 (Y/ELG)	Passenger Air bag Deactivation (PAD) switch, indicator, control
4	609 (OG/YE)	Voltage in Run (overload protected)
5	649 (BK/OG)	Ground
6	1112 (WH/LB)	Passenger Air bag Deactivation (PAD) switch, signal

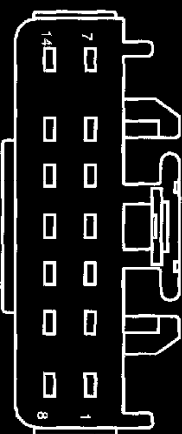
C2110Trailer tow
relay, battery
charge

Pin	Circuit	Circuit function
30	-	Voltage supplied at all times (overload protected)
85	-	Ground
86	-	Voltage, hot in run only
87	49 (OG)	Trailer tow relay, battery charge, switched power, output
87A	-	not used

C2113a (GY)

14A005

Vehicle Security
Module (VSM)
(15K602)



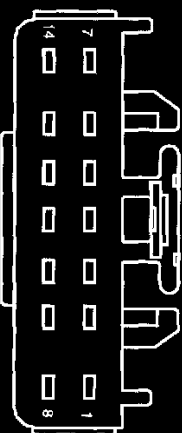
FEMALE

Pin	Circuit	Circuit function
1	117 (PK/BK)	Door lock actuator +/–
2	1210 (BK/WH)	Door unlock, logic ground
3	1211 (WH/RD)	Door lock, logic ground
4	765 (YE/BK)	Door ajar switch, driver side front (14018), signal
5	761 (GY/RD)	Door ajar switch, passenger side front (14018), signal
6	760 (PK/LB)	Door ajar switch, right rear, signal
7	163 (RD/OG)	Driver door unlock relay, switched power
8	118 (PK/OG)	Door lock actuator +/–
9	–	not used
10	–	not used
11	759 (LG/YE)	Door ajar switch, left rear, signal
12	23 (TN/LG)	Liftgate ajar switch, signal
13	–	not used
14	57 (BK)	Ground

C2113b (GN)

14A005

Vehicle Security
Module (VSM)
(15K602)



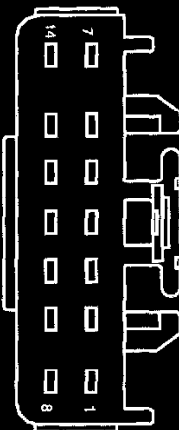
FEMALE

Pin	Circuit	Circuit function
1	116 (RD/BK)	Voltage supplied at all times (overload protected)
2	14 (BN)	Park lamp relay, switched power
3	1306 (PK/WH)	Voltage supplied at all times (overload protected)
4	1104 (LB)	Sunload sensor (19E663), signal
5	1399 (DB/WH)	Autolamps, On, signal
6	1 (DB)	Horn relay, control
7	15 (RD/YE)	Headlamp relay, switched power
8	195 (TN/WH)	Voltage supplied at all times (overload protected)
9	–	not used
10	–	not used
11	–	not used
12	–	not used
13	–	not used
14	196 (DB/OG)	Voltage supplied at all times (overload protected)

C2113c (BU)

14A005

Vehicle Security
Module (VSM)
(15K602)



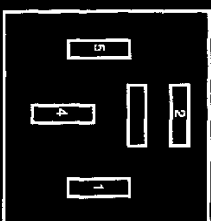
* Except
early
production
pickup

Pin	Circuit	Circuit function
1	-	not used
2	*121 (YE/BK)	Key pad, Circuit A
3	*123 (RD)	Key pad, Circuit C
4	*124 (BN)	Key pad common
5	693 (OG)	UBP Diagnostics
6	*66 (LB)	Key pad Illumination
7	-	not used
8	-	not used
9	*122 (YE)	Key pad, Circuit B
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	-	not used

C2116

14A01

Auxiliary A/C relay



* Manual A/C
** with EATC

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	371 (PK/WH)	Auxiliary A/C relay, switched power, output
3	-	not used
4	384 (BK/LG)	Voltage supplied at all times (overload protected)
5	*181 (BN/OG)	Blower motor relay, switched power
	**295 (LB/PK)	Voltage in Run (overload protected)

C2135 (BK)

14401

Overdrive cancel switch (7G550)



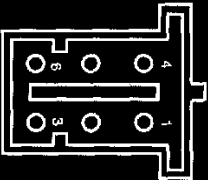
MALE

Pin	Circuit	Circuit function
1	224 (TN/WH)	Overdrive cancel switch (7G550), input
2	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	911 (WH/LG)	Illumination

C2142 (GY)

14401

Trailer electronic brake control connector



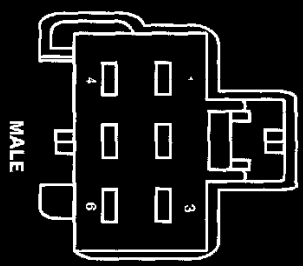
FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	14 (BN)	Power - Exterior lamps
3	206 (WH)	Ground
4	50 (RD)	Voltage supplied at all times (overload protected)
5	511 (LG)	Brake pedal position switch (13480), input
6	43 (DB)	Trailer brakes

C2159 (G7)

14401

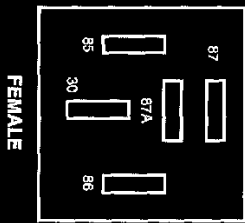
Adjustable pedal motor (9G662)



Pin	Circuit	Circuit function
1	446 (OG/WH)	Reference voltage
2	1491 (LB/YE)	position sense
3	447 (OG/BD)	Signal return
4	-	not used
5	1490 (LB/OG)	Adjustable pedal motor (2C429) +/-
6	1489 (LB/BK)	Adjustable pedal motor (2C429) +/-

C2160

PCM power relay



Pin	Circuit	Circuit function
30	-	Voltage supplied at all times (not overload protected)
85	-	Ground
86	16 (FD/LG)	Voltage, ignition switch in Start or Run (not overload protected)
87	-	PCM power relay, switched power, output
87A	-	not used

C2163

Starter relay

87

85

87A

30

86

TorqueShift

FEMALE

Pin	Circuit	Circuit function
30	2037 (FD)	Voltage supplied at all times (overload protected)
85	57 (BK)	Ground
85	*262 (BN/PK)	Switched ground
86	1098 (TN/RD)	Voltage supplied with park/neutral
86	*33 (WH/PK)	Voltage supplied in Start (overload protected)
87	113 (YE/LB)	Starter relay (11450), switched power, output
87A	-	not used

C2176 (BK)

14401

Auxiliary Powertrain Control Module (APCM)

2

1

3

4

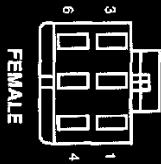
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	914 (TN/OG)	Standard Corporate Protocol (SCP) data +
3	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
4	915 (PK/LB)	Standard Corporate Protocol (SCP) data -

C2194 (GV)

14401

Fuel tank selector
switch (9A050)

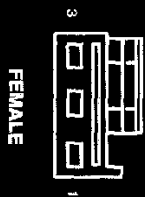


Pin	Circuit	Circuit function
1	789 (BN/MH)	Switched power
2	1002 (BK/PK)	Voltage In Run or Accessory (overload protected)
3	786 (RD)	Switched ground
4	786 (RD)	Fuel tank selector valve, switched power
5	786 (RD)	Switched ground
6	57 (BK)	Ground
	789 (BN/MH)	Fuel tank selector valve, switched power
	789 (BN/MH)	Switched ground

C2207 (BK)

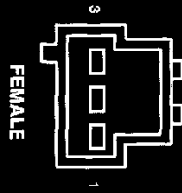
14401

Inertia Fuel
Shutoff (IFS)
switch (9D362)



Pin	Circuit	Circuit function
1	238 (BK/MH)	Fuel pump relay, switched power, output
2	787 (PK/BK)	Fuel pump, Power
3	-	not used

Tow/Haul switch



Pin	Circuit	Circuit function
1	224 (TN/WH)	Tow/Haul switch, signal
2	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	911 (WH/LG)	Transmission Control Indicator Lamp (TCIL), control

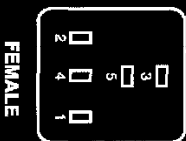
Barometric Absolute
Pressure (BAP)
sensor



Pin	Circuit	Circuit function
1	359 (GY/RED)	Signal return
2	351 (BN/WH)	Reference voltage
3	356 (DBL/G)	Sensor signal
4	—	not used

C2257

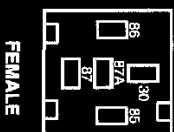
Reversing lamps relay



Pin	Circuit	Circuit function
1	–	PCM power relay, switched power
2	324 (YEL/G)	Reversing lamps relay, control
3	–	Voltage supplied at all times (overload protected)
4	–	not used
5	140 (BK/PK)	Reversing lamps relay, switched power, output

C2259

Fuel heater relay



Pin	Circuit	Circuit function
30	–	Voltage supplied at all times (overload protected)
85	57 (BK)	Ground
86	1044 (WH/YE)	Voltage supplied in Start and Run (overload protected)
87	16 (RD/LG)	Fuel heater relay, switched output
87A	–	not used

C3002
14A504
Blower motor, rear (19A56)

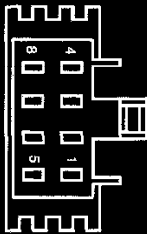
2
1
FEMALE

Pin	Circuit	Circuit function
1	371 (PK/WH)	Blower motor relay, switched power
2	536 (BK/LG)	Blower motor relay, Blower motor

C3003
14A504
Heater blower motor resistor, rear (19A708)

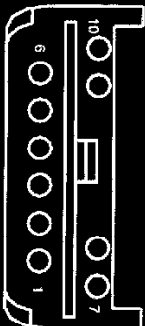
1
2
3
4
FEMALE

Pin	Circuit	Circuit function
1	289 (LB/OG)	Selector switch, medium low, control
2	756 (RD/PK)	Selector switch, High, control
3	1132 (YE)	Blower motor, feed
4	751 (DB/WH)	Selector switch, medium high, control

C3004 (WH)**14A504**Blend door
actuator, rear
(19E616)

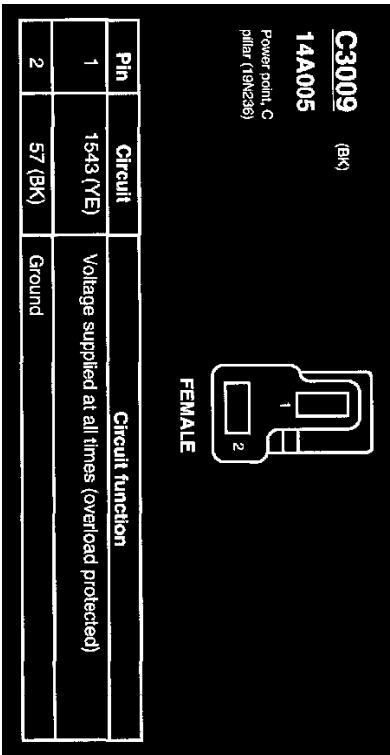
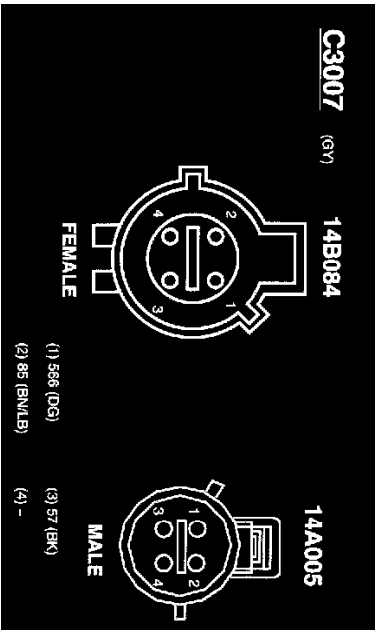
FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	1126 (LB)	Blend door actuator, rear (19E616), control
4	1124 (WH)	Reference voltage
5	-	not used
6	1125 (BN)	Signal return
7	295 (LB/PK)	Voltage in Run (overload protected)
8	57 (BK)	Ground

C3005 (BK)**14A504**Rear A/C
control module

FEMALE

Pin	Circuit	Circuit function
1	1130 (PK/LG)	Mode door actuator, rear (19E616), position sense
2	1126 (LB)	Blend door actuator, control
3	1131 (LG)	Mode door actuator, rear (19E616), control
4	1121 (DG/YE)	Switched ground
5	1122 (RD)	Blend door actuator, position sense
6	57 (BK)	Ground
7	-	not used
8	295 (LB/PK)	Voltage in Run (overload protected)
9	1127 (YE)	Blend door actuator, position sense
10	1123 (YE/WH)	Mode actuator, position sense



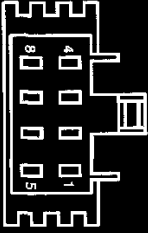
Pin	Circuit	Circuit function
1	10/79 (LG/RD)	Driver safety belt retractor pretensioner, feed
2	1080 (LG/BK)	Driver safety belt retractor pretensioner, Signal return

Pin	Circuit	Circuit function
1	987 (RD/W/H)	Fwd/Rwd motor, Rearward
2	985 (RD/LB)	Rear height motor, Down
3	984 (YE/LB)	Rear height motor, Up
4	986 (YE/W/H)	Fwd/Rwd motor, Forward
5	988 (YE/LG)	Front height motor, Up
6	989 (RD/LG)	Front height motor, Down

C3044 (WH)

14A504

Mode door actuator, rear (19E616)

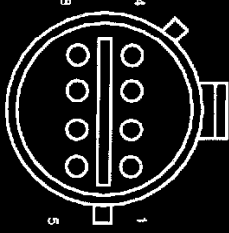


FEMALE

Pin	Circuit	Circuit function
1	—	not used
2	—	not used
3	1131 (LG)	Mode door actuator, rear (19E616), control
4	1128 (GY/LB)	Reference voltage
5	—	not used
6	1129 (BN/WH)	Signal return
7	295 (LB/PK)	Voltage In Run (overload protected)
8	57 (BK)	Ground

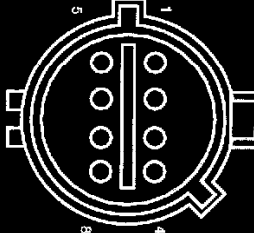
C3049 (GY)

14A005



MALE

14B084



FEMALE

(1) 1235 (WH/RO)

(2) 85 (BN/LB)

(3) 566 (DG)

(4) 57 (BK)

(5) 1153 (RO/BK)

(6) 295 (LB/PK)

(7) —

(8) —

C3084
19F504
Running board
lamp, left front



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	53 (BK/LB)	Interior lamp relay, switched power

C3085
19F504
Running board
lamp, left rear



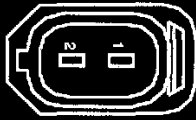
FEMALE

Pin	Circuit	Circuit function
1	53 (BK/LB)	Interior lamp relay, switched power
2	57 (BK)	Ground

C3086

19F504

Running board
lamp, right front



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	53 (BK/LB)	Interior lamp relay, switched power

C3087

19F504

Running board
lamp, right rear



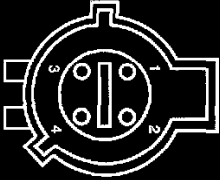
FEMALE

Pin	Circuit	Circuit function
1	53 (BK/LB)	Interior lamp relay, switched power
2	57 (BK)	Ground

C3094 (BK)

14405

Fuel sender,
primary



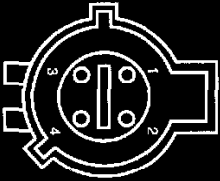
FEMALE

Pin	Circuit	Circuit function
1	—	not used
2	676 (YE/LB)	Reference voltage
3	—	not used
4	396 (BK/OG)	Signal return

C3095 (BK)

14405

Fuel sender,
secondary

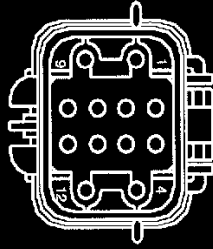


FEMALE

Pin	Circuit	Circuit function
1	—	not used
2	673 (DB/YE)	Reference voltage
3	—	not used
4	396 (BK/OG)	Signal return

C4000 (BK)

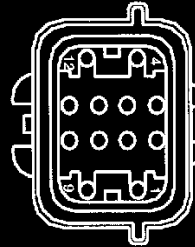
13A576



MALE

- (1) 49 (OG)
- (2) -
- (3) -
- (4) -
- (5) -
- (6) 43 (DB)
- (7) 43 (DB)
- (8) 962 (BN/WH)
- (9) -
- (10) 963 (BK/LG)
- (11) -
- (12) -

14405

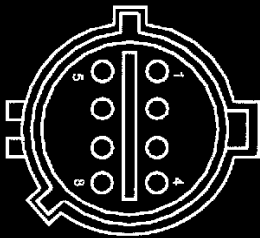


FEMALE

- (1) 49 (OG)
- (2) -
- (3) -
- (4) 52 (YE)
- (5) -
- (6) 43 (DB)
- (7) 43 (DB)
- (8) 962 (BN/WH)
- (9) 64 (DG)
- (10) 963 (BK/LG)
- (11) -
- (12) 206 (WH)

C4001 (BK)

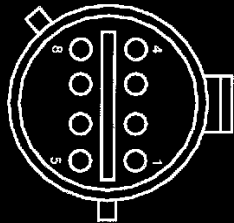
14405



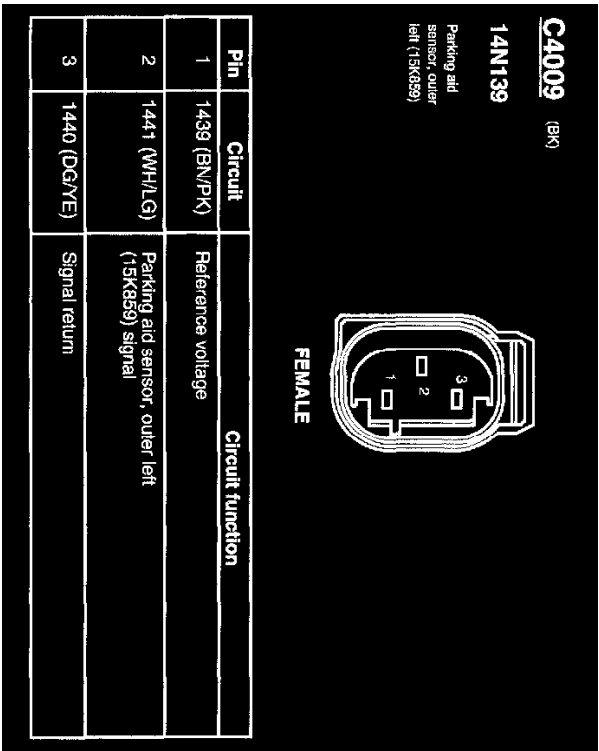
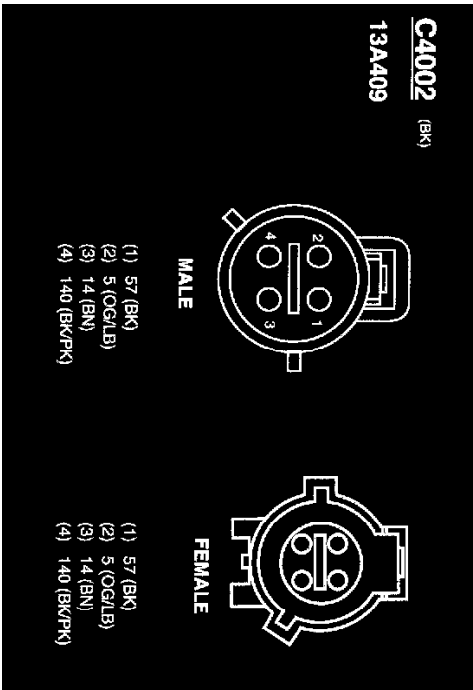
FEMALE

- (1) 1444 (DB/YE)
- (2) 1442 (DG/WH)
- (3) 1441 (WH/LG)
- (4) 1440 (DG/YE)
- (5) 1439 (BN/PK)
- (6) 1443 (WH/LB)
- (7) -
- (8) -

14N139



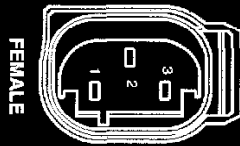
MALE



C4010 (BK)

14N139

Parking aid
sensor, inner
left (15K859)

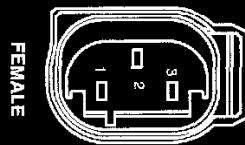


Pin	Circuit	Circuit function
1	1439 (BN/PK)	Reference voltage
2	1442 (DG/WH) (15K859) signal	Parking aid sensor, inner left
3	1440 (DG/YE)	Signal return

C4011 (BK)

14N139

Parking aid
sensor, outer
right (15K859)

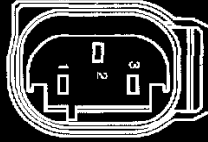


Pin	Circuit	Circuit function
1	1439 (BN/PK)	Reference voltage
2	1444 (DB/YE) (15K859) signal	Parking aid sensor, outer right
3	1440 (DG/YE)	Signal return

C4012 (BK)

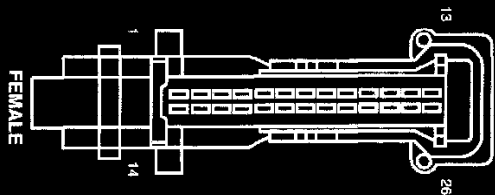
14N139

Parking aid
sensor, inner
right (15K859)



FEMALE

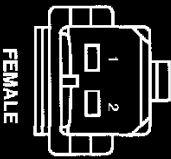
Pin	Circuit	Circuit function
1	1439 (BN/PK)	Reference voltage
2	1443 (WH/LB)	Parking aid sensor, inner right (15K859) signal
3	1440 (DG/YE)	Signal return

C4014 (BK)**15K867****14A504**Parking Aid
Module (PAM)
(15K860)

Pin	Circuit	Circuit function
1	295 (LB/PK)	Voltage in Run (overload protected)
2	-	not used
3	57 (BK)	Ground
4	-	not used
5	70 (LBWH)	ISO Bus
6	-	not used
7	1435 (DG/NT)	Parking aid disable switch (15A860), On/Off signal
8	-	not used
9	140 (BK/PK)	Trailer tow relay, reversing lamp, switched power
10	1442 (DG/WH)	Parking aid sensor, inner left (15K859) signal
11	1441 (WH/LG)	Parking aid sensor, outer left (15K859) signal
12	-	not used
13	-	not used
14	1437 (BK/PK)	Parking aid speaker -

Pin	Circuit	Circuit function
15	1439 (BN/PK)	Reference voltage
16	1440 (DG/YE)	Signal return
17	1438 (DG)	Parking aid speaker +
18	-	not used
19	1436 (VT/OG)	On/Off signal, Light emitting diode (LED), control
20	-	not used
21	-	not used
22	-	not used
23	1443 (WH/LB)	Parking aid sensor, inner right (15K859) signal
24	1444 (DB/YE)	Parking aid sensor, outer right (15K859) signal
25	-	not used
26	-	not used

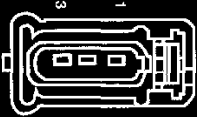
C4015 (WH)
14A504
15K867
Parking aid
speaker



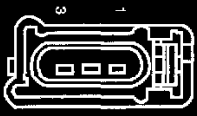
FEMALE

Pin	Circuit	Circuit function
1	1438 (DG)	Parking aid speaker +
2	1437 (BK/PK)	Parking aid speaker -

C4032 (BN)
13A409
Park/side/rear
lamp, right rear



Excursion



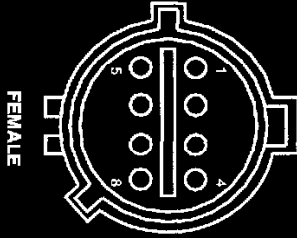
Pickup

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power Exterior lamps
3	5 (OG/LB)	Turn lamps, feed, right rear

C4033 (BK)

14405

Fuel tank
unit (9H-807)

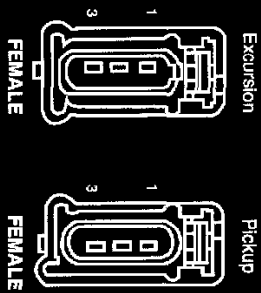


Pin	Circuit	Circuit function
1	-	not used
2	389 (GY/RO)	Signal return
3	791 (RO/PK)	Fuel tank pressure transducer sensor (9C968) signal
4	351 (BN/WH)	Reference voltage
5	29 (YE/WH)	Fuel pump/fuel gauge sender
6	57 (BK)	Ground
7	787 (PK/BK)	Fuel pump, Power
8	396 (BK/OG)	Fuel sender, logic ground

C4035 (BN)

13A409

Park/stop/turn
lamp, left/rear



Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power Exterior lamps
3	9 (LG/OG)	Turn lamps, feed, left/rear

C4046
13412

(BK)
License plate lamp (13550)

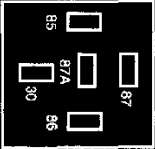


MALE

Pin	Circuit	Circuit function
1	14 (BN)	not used

C4076
14A504

(BK)
High speed blower motor relay



FEMALE

Pin	Circuit	Circuit function
30	536 (BK/LG)	Blower motor relay, Blower motor, feed
85	295 (LB/PK)	Voltage in Run (overload protected)
86	515 (OG/RED)	High speed blower motor relay, control
87	57 (BK)	Ground
87a	1122 (YE)	blower motor, output

C4094 (BK)

13A409

Side lamp 1,
LH rear



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C4095 (BK)

13A409

Side lamp
2, LH rear



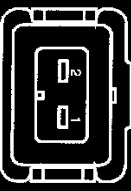
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C4096 (BK)

13A409

Side lamp
1, RH rear



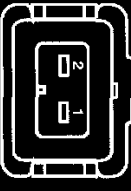
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C4097 (BK)

13A409

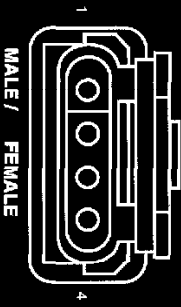
Side lamp
2, RH rear



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

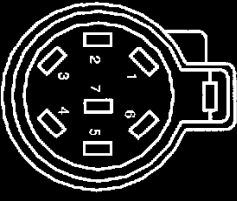
C4098 (BK)
13A576
 Trailer tow
 connector, 4-pin



1
4
MALE / FEMALE

Pin	Circuit	Circuit function
1	206 (WH)	Ground
2	962 (BN/WH)	Trailer tow relay, parking lamp, switched power
3	52 (YE)	Trailer tow relay, left turn, switched power
4	64 (DG)	Trailer tow relay, right turn, switched power

C4099 (BK)
13A576
 Trailer tow
 connector, 7-pin



MALE

Pin	Circuit	Circuit function
1	52 (YE)	Trailer tow relay, left turn, switched power
2	206 (WH)	Ground
3	43 (DB)	not used
4	64 (DG)	Trailer tow relay, right turn, switched power
5	49 (CG)	Trailer tow relay, battery charge, switched power
6	962 (BN/WH)	Trailer tow relay, parking lamp, switched power
7	963 (BK/LG)	Trailer tow relay, reversing lamp, switched power

C4132 (GV)

14405 Fuel tank selector valve



Pin	Circuit	Circuit function
1	-	not used
2	786 (RD)	Fuel tank selector switch (9A050), control
3	789 (BN/WH)	Fuel tank selector switch (9A050), control
4	673 (DB/YE)	Fuel sender, secondary
5	29 (YE/WH)	Fuel pump/fuel gauge sender, signal
6	675 (YE/LB)	Fuel sender, primary

C9013 (BK)

17C712 Overhead Console



Pickup

Pin	Circuit	Circuit function
1	295 (LB/PK)	Voltage in Run (overload protected)
2	676 (PK/OG)	Ground
3	679 (GY/BK)	Vehicle speed signal
4	19 (LB/RD)	Instrument illumination
5	3061 (LB/OG)	Outside temperature sensor, input
6	-	not used
7	53 (BK/LB)	Courtesy Lamps
8	54 (LG/YE)	Lighting, on demand
9	57 (BK)	Ground
10	1173 (BN/OG)	Roof opening panel, common
11	1174 (WH/RD)	Roof opening panel, Open circuit
12	1175 (TN/RD)	Roof opening panel, Close circuit
13	29 (YE/WH)	Fuel tank sender, input
14	71 (OG/LG)	Data output link
15	70 (LB/WH)	K-Line ISO 9141
16	789 (BN/WH)	Fuel Tank Selector, signal

C2003

(GY)

14401

Adjustable pedal motor (9G662)



without memory

MALE

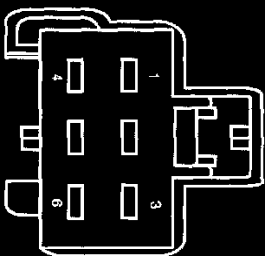
Pin	Circuit	Circuit function
1	1490 (LB/OG)	Adjustable pedal motor (2C429) +/-
2	1489 (LB/BK)	Adjustable pedal motor (2C429) +/-

C2159

(GY)

14401

Adjustable pedal motor (9G662)



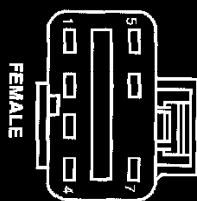
MALE

Pin	Circuit	Circuit function
1	446 (OG/WH)	Reference voltage
2	1491 (LB/YE)	position sense
3	447 (OG/RO)	Signal return
4	-	not used
5	1490 (LB/OG)	Adjustable pedal motor (2C429) +/-
6	1489 (LB/BK)	Adjustable pedal motor (2C429) +/-

C2089 (BK)

14401

Adjustable pedal switch

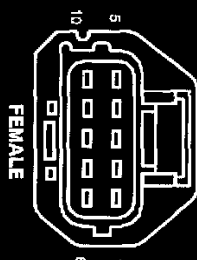


Pin	Circuit	Circuit function
1	1490 (LB/OG)	Adjustable pedal motor (2C429), Rearward – without memory
	1492 (LB/RD)	Adjustable pedal motor (2C429), Forward – with memory
2	1567 (RD/LB)	Voltage supplied at all times (overload protected) – without memory
	676 (PK/OG)	Ground – with memory
3	57 (BK)	Ground – without memory
4	57 (BK)	Ground, Illumination
5	19 (LB/RD)	Instrument illumination
6	57 (BK)	Ground
7	1489 (LB/BK)	Adjustable pedal motor (2C429), Forward – without memory
	1493 (PK/BK)	Adjustable pedal motor (2C429), Forward – with memory

C2040 (GY)

14401

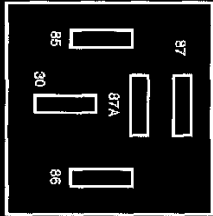
Accelerator pedal position sensor



Pin	Circuit	Circuit function
1	-	not used
2	3075 (YE)	position sense 2
3	57 (BK)	Ground
4	351 (BN/WH)	Reference voltage
5	3083 (WH/LB)	Reference voltage 2
6	57 (BK)	Ground
7	3091 (LB/BK)	position sense 1
8	3076 (YE/WH)	position sense 3
9	359 (GY/RD)	Signal return
10	3094 (LB/RD)	Signal return 2

C2075

Accessory
delay relay



FEMALE

Pin	Circuit	Circuit function
30	-	Voltage supplied at all times (overload protected)
85	54 (LGNE)	Battery saver relay, switched power, feed control
86	1332 (LB)	
87	400 (LB/BK)	Accessory delay relay, switched power, output
87A	-	not used

C256 (BK)

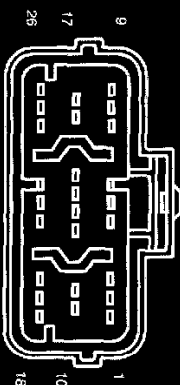
14401

Passenger air bag
module (15C14474)



FEMALE

Pin	Circuit	Circuit function
1	616 (PK/BK)	Passenger air bag, return
2	-	not used
3	607 (LB/OG)	Passenger air bag, feed, monitor

C2041 (BK)**14401**Restraints control
module (143321)**FEMALE**

* Pickup

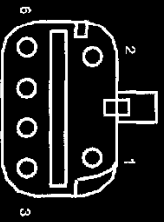
Pin	Circuit	Circuit function
1	—	not used
2	609 (OG/YE)	Voltage in Run (overload protected)
3	614 (GY/OG)	Driver air bag, feed, monitor
4	615 (GY/WH)	Driver air bag, return
5	70 (LB/WH)	ISO Bus
6	607 (LB/OG)	Passenger air bag, feed, monitor
7	616 (PK/BK)	Passenger air bag, return
8	1112 (WH/LB)	Passenger Air bag Deactivation (PAD) switch, signal
9	1113 (YE/LG)	Passenger Air bag Deactivation (PAD) switch, indicator, control
10	609 (OG/YE)	Voltage in Run (overload protected)
	*649 (BK/OG)	Ground
11	—	not used
12	—	not used
13	609 (OG/YE)	Voltage in Run (overload protected)
	609 (OG/YE)	Voltage in Run (overload protected)
14	*649 (BK/OG)	Ground

Pin	Circuit	Circuit function
15	1081 (YE/RI)	Passenger safety belt retractor pretensioner, feed
16	1082 (LB/BK)	Passenger safety belt retractor pretensioner, return
17	—	not used
18	1079 (LG/RI)	Driver safety belt retractor pretensioner, feed
19	—	not used
20	608 (BK/YE)	Air bag indicator, control
21	649 (BK/OG)	Air bag, dedicated ground
22	1080 (LG/BK)	Driver safety belt retractor pretensioner, return
23	—	not used
24	—	not used
25	—	not used
26	1083 (LB/BK)	Air bag, tone driver

C2099 (BK)

14401

Passenger Air bag Deactivation (PAD) switch



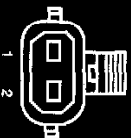
FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	1113 (YE/LG)	Passenger Air bag Deactivation (PAD) switch, indicator, control
4	609 (OG/YE)	Voltage in Run (overload protected)
5	649 (BK/OG)	Ground
6	1112 (WH/LB)	Passenger Air bag Deactivation (PAD) switch, signal

C1210 (BK)

12A581

Air filter sensor



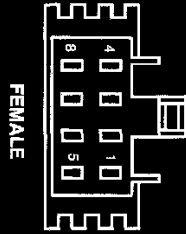
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	142 (LB/RED)	Air filter sensor, input

C3004 (WH)

14A504

Blend door
actuator, rear
(19E616)



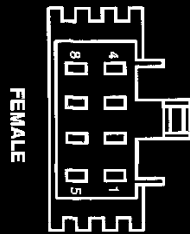
FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	1126 (LB)	Blend door actuator, rear (19E616), control
4	1124 (WH)	Reference voltage
5	-	not used
6	1125 (BN)	Signal return
7	295 (LB/PK)	Voltage In Run (overload protected)
8	57 (BK)	Ground

C3044 (WH)

14A504

Mode door actuator,
rear (19E616)



FEMALE

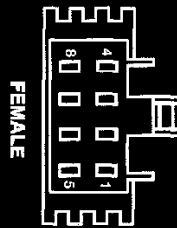
Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	1131 (LG)	Mode door actuator, rear (19E616), control
4	1128 (GY/LB)	Reference voltage
5	-	not used
6	1129 (BN/WH)	Signal return
7	295 (LB/PK)	Voltage In Run (overload protected)
8	57 (BK)	Ground

C289 (WH)

14401

Temperature blend
door actuator (19E616)

* with manual A/C
** with EATC

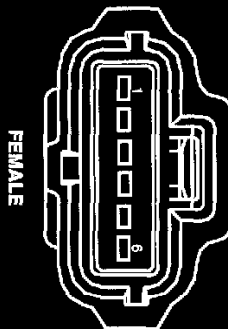


Pin	Circuit	Circuit function
1	**437 (YEL/G)	Air temperature door variable resistor, wiper
2	-	not used
3	**-	not used
4	*437 (YEL/G)	Air temperature door variable resistor, wiper
5	**436 (RD/LG)	Air temperature door variable resistor
6	438 (RD/WH)	Air temperature door variable resistor +
7	**249 (DB/LG)	Blend door actuator, CW
8	**250 (OG)	Blend door actuator, CCW
	*57 (BK)	Ground

C128 (BK)

12A581
12A690

Mass Air Flow (MAF)
sensor (13460)



Pin	Circuit	Circuit function
1	359 (GY/RD)	Signal return
2	361 (RD)	Voltage supplied in Start and Run (overload protected)
3	570 (BK/WH)	Ground
4	968 (TN/LB)	Sensor signal return (reference/ground)
5	967 (LB/RD)	monitor
6	743 (GY)	Intake air temperature sensor, signal

C2007 (GN)

14401

Passive anti-theft transceiver



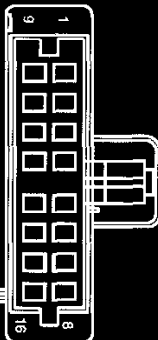
FEMALE

Pin	Circuit	Circuit function
1	166 (TN/WH)	TX, -
2	1266 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	1216 (GY/OG)	RX, signal
4	1215 (WH/LG)	TX, signal

C2252 (GN)

14401

Passive anti-theft transceiver module (19K566)



FEMALE

Pin	Circuit	Circuit function
1	1215 (WH/LG)	TX, signal
2	1269 (OG/RD)	Anti-Theft Indicator
3	-	not used
4	915 (PK/LB)	SCP Bus -
5	914 (TN/OG)	SCP Bus +
6	166 (TN/WH)	TX, -
7	-	not used
8	22 (LB/BK)	Voltage supplied at all times (overload protected)
9	1216 (GY/OG)	RX, signal
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	676 (PK/OG)	Ground
15	1266 (RD/YE)	Voltage, ignition switch in Start or Run (overload protected)
16	-	not used

Pin	Circuit	Circuit function
1	904 (LG/RD)	Charge (including: ammeter/voltsmeter) indicator
2	*4 (WH/BK)	Generator regulator "S" terminal, to generator "S" terminal
3	35 (OG/LB)	Voltage supplied at all times (overload protected)

C102b (GY)		
14305		
Generator		
		
FEMALE		
Pin	Circuit	Circuit function
1	4 (WH/BK)	Generator/regulator "S" terminal, to generator "S" terminal

C102C
14305
9D930
12B637

Generator

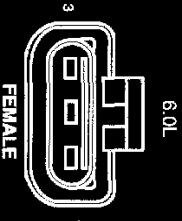


6.0L

Pin	Circuit	Circuit function
1	36 (YEM/H)	Voltage supplied at all times (overload protected)
*1	1119 (RD)	Voltage supplied at all times (overload protected)

C1251a (BK)
14305

Generator, secondary



6.0L

Pin	Circuit	Circuit function
1	1185 (YE)	Charge (including: ammeter/voltsmeter) indicator
2	-	not used
3	35 (OG/LB)	Voltage supplied at all times (overload protected)

C1251c

14305

Generator, secondary



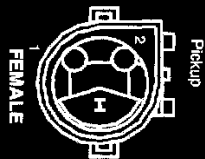
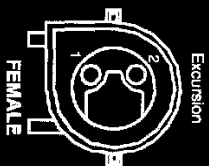
Pin	Circuit	Circuit function
1	36 (Y/WH)	Voltage supplied at all times (overload protected)

C132 (BK)

12A581

14K073

Ambient air
temperature
sensor (19E702)



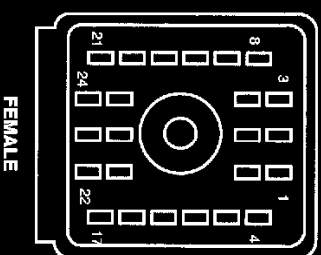
Pin	Circuit	Circuit function
1	470 (PK/BK)	Sensor signal return (reference/ground) (Excursion)
	3060 (GY/RO)	Ground - Pickup
2	3061 (LB/OG)	Ambient air temperature sensor (19E702) signal

C1385 (BK)

15525

TorqShift transmission

* If equipped



Pin	Circuit	Circuit function
1	125 (DB/WH)	Shift Solenoid Pressure Control E (SSPC-E) (7J136)
2	-	not used
3	315 (VT/OG)	Shift Solenoid Pressure Control B (SSPC-B) (7J136)
4	236 (BK/LG)	Shift Solenoid Pressure Control D (SSPC-D) (7J136)
5	971 (PK/BK)	Shift Solenoid Pressure Control C (SSPC-C) (7J136)
6	-	not used
7	1876 (YE/WH)	Shift solenoid VPWR
8	924 (BN/OG)	Torque Converter Clutch (TCC) solenoid (7J136)
9	*535 (LB/RD)	Pressure Switch C (PS-C) (7E440)
10	480 (VT/YE)	Pressure Control (PC-A) solenoid (7G383)
11	*912 (WH/RD)	Pressure Switch D (PS-D) (7E440)
12	237 (OG/YE)	Shift Solenoid Pressure Control A (SSPC-A) (7J136)
13	*539 (PK/LB)	Pressure Switch E (PS-E) (7E440)
14	*925 (WH/YE)	Pressure Switch A (PS-A) (7E440)

Pin	Circuit	Circuit function
15	199 (LB/YE)	Transmission Range Sensor Assembly (TR-P) (7H557), signal
16	*966 (LB/PK)	Pressure Switch B (PS-B) (7E440)
17	570 (BK/WH)	Transmission Range Sensor Assembly (TR-P) (7H557), Ground
18	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor (7H141)
19	-	not used
20	1876 (YE/WH)	Shift solenoid VPWR
21	371 (PK/WH)	Reference voltage, Transmission Range Sensor Assembly (TR-P) (7H557)
22	1875 (OG/WH)	Signal return, Transmission Fluid Temperature (TFT) sensor (7H141)
23	-	not used
24	1876 (YE/WH)	Shift solenoid VPWR

C2135
14401
Overdrive cancel switch (7G550)

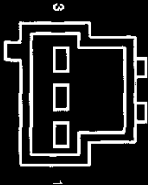
(BK)


MALE

Pin	Circuit	Circuit function
1	224 (TN/WH)	Overdrive cancel switch (7G550), input
2	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	911 (WH/LG)	Illumination

C2255
14401
Tow/Haul switch

(BK)


FEMALE

Pin	Circuit	Circuit function
1	224 (TN/WH)	Tow/Haul switch, signal
2	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	911 (WH/LG)	Transmission Control Indicator Lamp (TCIL), control

C2008 (BK)

14401

Brake shift interlock



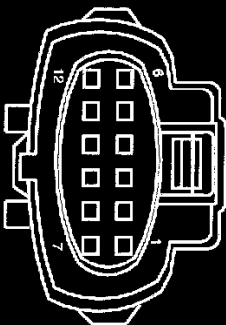
FEMALE

Pin	Circuit	Circuit function
1	295 (LB/PK)	Voltage in Run (overload protected)
2	57 (BK)	Ground
3	810 (FD/LG)	Brake pedal position switch (13480), input

C167 (BK)

15525

Digital Transmission Range (DTR) sensor (7F293)



FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	359 (GY/RD)	Signal return
3	189 (LB/YE)	Digital Transmission Range (DTR) sensor TR3A
4	1144 (YE/BK)	Digital Transmission Range (DTR) sensor TR1
5	1145 (LB/BK)	Digital Transmission Range (DTR) sensor TR2
6	1143 (WH/BK)	Digital Transmission Range (DTR) sensor TR4
7	3659 (BK/PK)	Encoder, ground return
8	463 (RD/WH)	Reference voltage
9	295 (LB/PK)	Voltage in Run (overload protected)
10	33 (WH/PK)	Voltage supplied in Start (overload protected)
11	140 (BK/PK)	Voltage supplied in reverse
12	1093 (TN/RD)	Power, Hot in Start with Park or Neutral

C193 (BK)

15525

Output Shaft
Speed (OSS)
Sensor (7H103)



FEMALE

Pin	Circuit	Circuit function
1	359 (GV/RD)	Signal return
2	136 (DB/YE)	Powertrain Control Module (PCM) (12A650) Output Shaft Speed (OSS) sensor (7M101)

C1107

15525

Output Shaft
Speed (OSS)
Sensor (7H103)



FEMALE

Pin	Circuit	Circuit function
1	371 (PK/WH)	Reference voltage
2	136 (DB/YE)	Output Shaft Speed (OSS) sensor (7H103) signal
3	570 (BK/WH)	Signal return

C143
15525

(BK)
Turbine Shaft
Speed (TSS)
sensor (7M101)

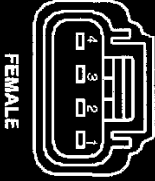


FEMALE

Pin	Circuit	Circuit function
1	970 (DG/W-H)	Turbine Shaft Speed (TSS) sensor
2	359 (GY/RD)	Signal return

C1387
15525

(BK)
Speed sensor
assembly (7M101)



FEMALE

Pin	Circuit	Circuit function
1	371 (PK/W-H)	Reference voltage
2	570 (BK/W-H)	Signal return
3	970 (DG/W-H)	Turbine Shaft Speed (TSS) sensor signal
4	134 (GY/OG)	Intermediate Shaft Speed (ISS) sensor (7M101), signal

C3009

(BK)

14A005

Power point, C
pillar (19N236)



FEMALE

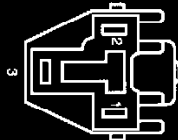
Pin	Circuit	Circuit function
1	1543 (YE)	Voltage supplied at all times (overload protected)
2	57 (BK)	Ground

C380

(BK)

14B079

Power point,
console (19N236)



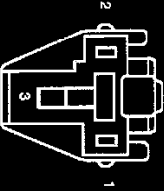
FEMALE

Pin	Circuit	Circuit function
1	1542 (RD)	Voltage supplied at all times (overload protected)
2	-	not used
3	57 (BK)	Ground

C474 (BK)

14A504

Power port,
rear (19C347)



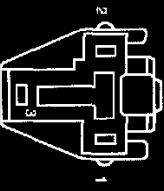
FEMALE

Pin	Circuit	Circuit function
1	1544 (OG)	Voltage supplied at all times (overload protected)
2	-	not used
3	57 (BK)	Ground

C2033 (BK)

14401

Power point, instru-
ment panel
(19K259)



FEMALE

Pin	Circuit	Circuit function
1	1049 (BN/PK)	Voltage supplied at all times (overload protected)
2	-	not used
3	57 (BK)	Ground

C451 (GN)
(GY) Excursion
13A409

Reversing lamp,
left (13411)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	140 (BK/PK)	Voltage supplied in reverse

C461 (GN)
13A409

Reversing lamp,
right (13411)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	140 (BK/PK)	Voltage supplied in reverse

C2257

Reversing lamps relay

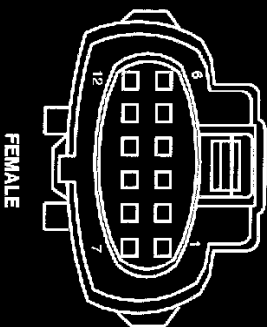


Pin	Circuit	Circuit function
1	-	PCM power relay, switched power
2	324 (YELG)	Reversing lamps relay, control
3	-	Voltage supplied at all times (overload protected)
4	-	not used
5	140 (BK/PK)	Reversing lamps relay, switched power, output

C167 (BK)

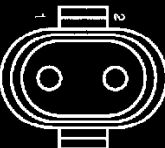
15525

Digital Transmission Range (DTR) sensor (7F293)



Pin	Circuit	Circuit function
1	-	not used
2	359 (GY/RD)	Signal return
3	189 (LB/YE)	Digital Transmission Range (DTR) sensor TR3A
4	1144 (YE/BK)	Digital Transmission Range (DTR) sensor TR1
5	1145 (LB/BK)	Digital Transmission Range (DTR) sensor, TR2
6	1143 (WH/BK)	Digital Transmission Range (DTR) sensor TR4
7	3659 (BK/PK)	Encoder, ground return
8	463 (RD/WH)	Reference voltage
9	295 (LB/PK)	Voltage in Run (overload protected)
10	33 (WH/PK)	Voltage supplied in Start (overload protected)
11	140 (BK/PK)	Voltage supplied in reverse
12	1093 (TN/RD)	Power, Hot in Start with Park or Neutral

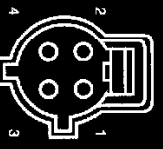
C169 (WH)
15525
Reversing lamps switch



FEMALE

Pin	Circuit	Circuit function
1	140 (BK/PK)	Voltage supplied in reverse
2	295 (LB/PK)	Voltage in Run (overload protected)

C2256 (BK)
14401
Barometric Absolute Pressure (BAP) sensor



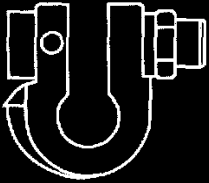
FEMALE

Pin	Circuit	Circuit function
1	369 (GY/RD)	Signal return
2	351 (BN/WH)	Reference voltage
3	356 (DBL/G)	Sensor signal
4	-	not used

C1100a

14305

Battery (10655)



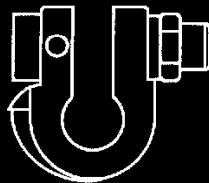
Pin	Circuit	Circuit function
1	2037 (RD)	Battery Power

C1249a

14B060

14305

Battery II



Pin	Circuit	Circuit function
1	2037 (RD)	Battery Power

C1249b

14301

Battery II

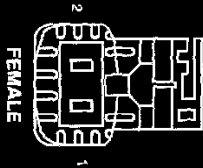


Pin	Circuit	Circuit function
1	2057 (BK)	Ground

C1031 (BK)

12A581

Heater blower motor (19805)

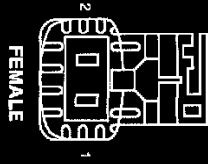


Pin	Circuit	Circuit function
1	181 (BN/OG)	Blower motor relay, switched output
2	261 (OG/BK)	Blower motor, to switch

C3002 (BK)

14A504

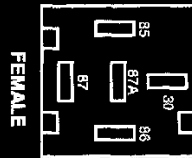
Blower motor, rear (18456)



Pin	Circuit	Circuit function
1	371 (PK/WH)	Blower motor relay, switched power
2	536 (BK/LG)	Blower motor relay, Blower motor

C2017

Blower motor relay



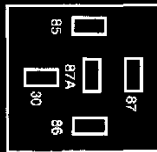
* with EATC

Pin	Circuit	Circuit function
30	-	Voltage supplied at all times (overload protected)
85	296 (WH/VT) *399 (BN/YE)	Voltage In Run (overload protected) Blower motor relay, control
86	399 (BN/YE) *57 (BK)	Ground Ground
87	181 (BN/OG)	Front blower motor relay, switched power, output
87A	-	not used

C4076 (BK)

14A504

High speed blower
motor relay



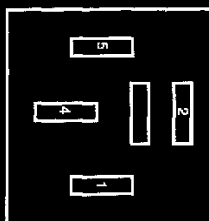
FEMALE

Pin	Circuit	Circuit function
30	536 (BK/LG)	Blower motor relay, Blower motor, feed
85	295 (LB/PK)	Voltage in Run (overload protected)
86	515 (OG/RD)	High speed blower motor relay, control
87	57 (BK)	Ground
87a	1122 (YE)	blower motor, output

C2116

14A01

Auxiliary A/C relay



FEMALE

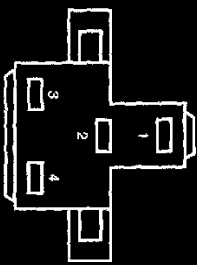
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	371 (PK/WH)	Auxiliary A/C relay, switched power, output
3	-	not used
4	364 (BK/LG)	Voltage supplied at all times (overload protected)
5	*181 (BN/OG)	Blower motor relay, switched power
	**295 (LB/PK)	Voltage in Run (overload protected)

* Manual A/C
** with EATC

C1032 (WH)

12A581

Heater blower motor resistor, front (19A708)



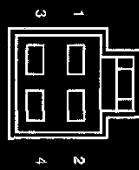
FEMALE

Pin	Circuit	Circuit function
1	754 (LG/WH)	Blower switch speed control, to resistor
2	57 (BK)	Ground
3	752 (YE/RD)	Blower switch speed control, to resistor
4	261 (OG/BK)	Blower motor, to switch

C3003 (WH)

14A504

Heater blower motor resistor, rear (19A708)



FEMALE

Pin	Circuit	Circuit function
1	269 (LB/OG)	Selector switch, medium low, control
2	756 (RD/PK)	Selector switch, High, control
3	1132 (YE)	Blower motor, feed
4	751 (DB/WH)	Selector switch, medium high, control

C2113a (GY)
14A005
Vehicle Security
Module (VSM)
(15K602)

FEMALE

Pin	Circuit	Circuit function
1	117 (PK/BK)	Door lock actuator +/–
2	1210 (BK/WH)	Door unlock, logic ground
3	1211 (WH/RD)	Door lock, logic ground
4	765 (YE/BK)	Door ajar switch, driver side front (14018), signal
5	761 (GY/RD)	Door ajar switch, passenger side front (14018), signal
6	760 (PK/LB)	Door ajar switch, right rear, signal
7	163 (RD/OG)	Driver door unlock relay, switched power
8	118 (PK/OG)	Door lock actuator +/–
9	–	not used
10	–	not used
11	759 (LG/YE)	Door ajar switch, left rear, signal
12	23 (TN/LG)	Liftgate ajar switch, signal
13	–	not used
14	57 (BK)	Ground

C2113b (GN)
14A005
Vehicle Security
Module (VSM)
(15K602)

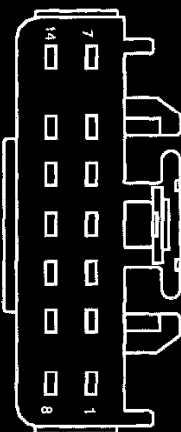
FEMALE

Pin	Circuit	Circuit function
1	116 (RD/BK)	Voltage supplied at all times (overload protected)
2	14 (BN)	Park lamp relay, switched power
3	1306 (PK/WH)	Voltage supplied at all times (overload protected)
4	1104 (LB)	Sunload sensor (19E663), signal
5	1399 (DB/WH)	Autolamps, On, signal
6	1 (DB)	Horn relay, control
7	15 (RD/YE)	Headlamp relay, switched power
8	195 (TN/WH)	Voltage supplied at all times (overload protected)
9	–	not used
10	–	not used
11	–	not used
12	–	not used
13	–	not used
14	196 (DB/OG)	Voltage supplied at all times (overload protected)

C2113c (BU)

14A005

Vehicle Security
Module (VSM)
(15K602)



* Except
early
production
pickup

Pin	Circuit	Circuit function
1	-	not used
2	*121 (YE/BK)	Key pad, Circuit A
3	*123 (RD)	Key pad, Circuit C
4	*124 (BN)	Key pad common
5	693 (OG)	UBP Diagnostics
6	*66 (LB)	Key pad illumination
7	-	not used
8	-	not used
9	*122 (YE)	Key pad, Circuit B
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	-	not used

C124 (BK)

12A581

Brake fluid level
switch (2L414)

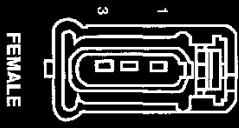


Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	512 (TN/G)	Brake indicator, control
3	531 (DG/YE)	Brake fluid level switch (2L414), signal

C4032
(BN)

13A409
Park/stop/turn
lamp, right rear

Excursion



FEMALE

Pickup



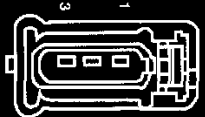
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power Exterior lamps
3	5 (OG/LB)	Turn lamps, feed, right rear

C4035
(BN)

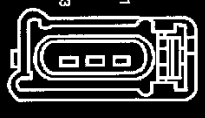
13A409
Park/stop/turn
lamp, left rear

Excursion



FEMALE

Pickup



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power Exterior lamps
3	9 (LG/OG)	Turn lamps, feed, left rear

C278 (TN)

14401

Brake pedal position switch (13480)



FEMALE

Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	810 (RD/LG)	Brake pedal position switch (13480), input
3	22 (LB/BK)	Voltage supplied at all times (overload protected)
4	511 (LG)	Brake pedal position switch (13480), to stoplamps
5	10 (LG/RD)	Voltage supplied at all times (overload protected)

C2003 (GY)

14401

Adjustable pedal motor (9C442)



MALE

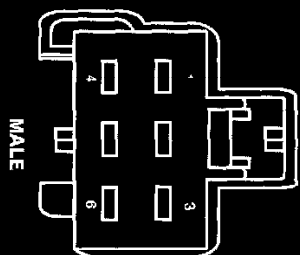
without memory

Pin	Circuit	Circuit function
1	1490 (LB/OG)	Adjustable pedal motor (2C429) +/-
2	1489 (LB/BK)	Adjustable pedal motor (2C429) +/-

C2159 (GY)

14401

Adjustable pedal motor (9G662)



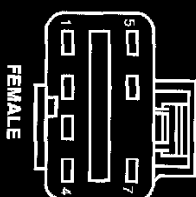
MALE

Pin	Circuit	Circuit function
1	446 (OG/WH)	Reference voltage
2	1491 (LB/YE)	position sense
3	447 (OG/RD)	Signal return
4	-	not used
5	1490 (LB/OG)	Adjustable pedal motor (2C429) +/-
6	1489 (LB/BK)	Adjustable pedal motor (2C429) +/-

C2089 (BK)

14401

Adjustable pedal switch



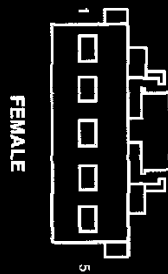
FEMALE

Pin	Circuit	Circuit function
1	1490 (LB/OG)	Adjustable pedal motor (2C429), Rearward - without memory
	1492 (LB/RD)	Adjustable pedal motor (2C429), Rearward - with memory
2	1567 (RD/LB)	Voltage supplied at all times (overload protected) - without memory
	676 (PK/OG)	Ground - with memory
3	57 (BK)	Ground - without memory
4	57 (BK)	Ground, Illumination
5	19 (LB/RD)	Instrument Illumination
6	57 (BK)	Ground
7	1489 (LB/BK)	Adjustable pedal motor (2C429), Forward - without memory
	1493 (PK/BK)	Adjustable pedal motor (2C429), Forward - with memory

C278 (TN)

14401

Brake pedal position switch (13480)

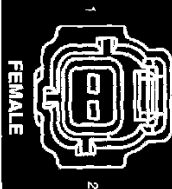


Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	810 (RD/LG)	Brake pedal position switch (13480), input
3	22 (LB/BK)	Voltage supplied at all times (overload protected)
4	511 (LG)	Brake pedal position switch (13480), to stoplamps
5	10 (LG/RD)	Voltage supplied at all times (overload protected)

C1025 (BK)

12A581

Brake pressure switch (2B264)

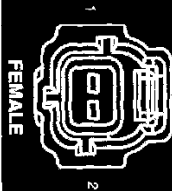


Pin	Circuit	Circuit function
1	418 (DG/YE)	Brake feed
2	307 (BK/YE)	Brake pressure switch (2B264), input

C1025 (BK)

12A581

Brake pressure switch (2B264)

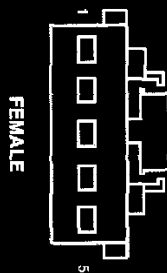


Pin	Circuit	Circuit function
1	418 (DG/YE)	Brake feed
2	307 (BK/YE)	Brake pressure switch (2B264), input

C278 (TN)

14401

Brake pedal position switch (13480)



Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	810 (RD/LG)	Brake pedal position switch (13480), input
3	22 (LB/BK)	Voltage supplied at all times (overload protected)
4	511 (LG)	Brake pedal position switch (13480), to stoplamps
5	10 (LG/RD)	Voltage supplied at all times (overload protected)

C1025 (BK)

12A581

Brake pressure switch (2B264)



FEMALE

Pin	Circuit	Circuit function
1	418 (DG/YE)	Brake feed
2	307 (BK/YE)	Brake pressure switch (2B264), input

C233 (GY)

14401

In-vehicle temperature sensor (19C734)



FEMALE

Pin	Circuit	Circuit function
1	790 (WH/OG)	In-vehicle temperature sensor (19C734) +
2	-	not used
3	470 (PK/BK)	Sensor signal return (reference/ground)

C180 (BK)

12B637

Camshaft position sensor (6B268)



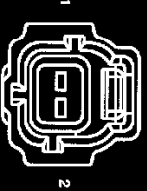
FEMALE

Pin	Circuit	Circuit function
1	796 (LB)	Camshaft position sensor (6B268), signal, return
2	795 (DG)	Camshaft position sensor (6B268), to, signal

C1275 (BK)

12B637

Camshaft position sensor (6B268)

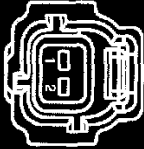


FEMALE

Pin	Circuit	Circuit function
1	50 (RD)	Camshaft position sensor (6B268), Sensor signal +
2	49 (OG)	Camshaft position sensor (6B268), Sensor signal -

C1195
12A581
Vapor management
valve

(BK)



FEMALE

Pin	Circuit	Circuit function
1	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
2	191 (LG/BK)	Switched ground

C926
14086
Cargo lamp

(GY)



FEMALE

Pin	Circuit	Circuit function
1	54 (LG/YE)	Battery saver relay, switched output
2	57 (BK)	Ground
3	53 (BK/LE)	Interior lamps relay, switched output

C475a (TN)

13A625

High mounted
stoplamp (13A613)

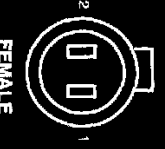


Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	57 (BK)	Ground

C475b (TN)

13A625

High mounted
stoplamp (13A613)



Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	57 (BK)	Ground

C475c (TN)
13A625
High mounted
stoplamp (13A613)

FEMALE

Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	57 (BK)	Ground

C904 (GY)
14A005
High mounted
stoplamp (13A613)

FEMALE

Pickup

Pin	Circuit	Circuit function
1	53 (BK/LB)	Interior lamps relay, switched output
2	511 (LG)	Brake pedal position switch (13480), to stoplamps
3	57 (BK)	Ground

C218a (GY)
14401
Air bag sliding
contact (144064)

1

2

7

8

FEMALE

Gasoline engines
6.0L

Pin	Circuit	Circuit function
1	1070 (BN/LB)	Audio/climate control switch, Climate Control System, signal (Excursion)
2	595 (LB/RD)	Auxiliary audio controls, steering wheel (Excursion)
3	151 (LB/BK)	Speed control switch, input
4	1 (DB)	Horn relay, control
5	19 (LB/RD)	Instrument illumination
6	*848 (DG/OG)	Signal return
6	**133 (BK)	Signal return
7	57 (BK)	Ground
8	158 (BK/PK)	Key warning switch (11A127), input

C218b (BK)
14401
Air bag sliding
contact (144064)

3

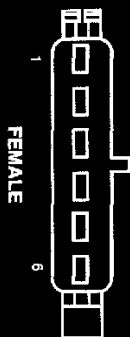
1

FEMALE

Pin	Circuit	Circuit function
1	615 (GY/MH)	Driver air bag, return
2	-	not used
3	614 (GY/OG)	Driver air bag, feed, monitor

C257

(a7)

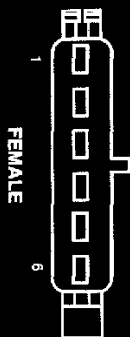
12A581Clutch pedal
position switch

*Gasoline

Pin	Circuit	Circuit function
1	33 (WH/PK)	Voltage supplied in Start (overload protected)
2	1093 (TN/RD)	switched power, to starter motor relay
3	306 (TN/LB)	speed control, Deactivator switch
4	810 (RD/LG)	Brake pedal position switch (13480), input – gasoline engines
	640 (RD/YE)	Voltage supplied in Start and – Diesel Run (overload protected)
5	33 (WH/PK)	Voltage supplied in Start (overload protected)
6	*199 (LB/YE)	Clutch pedal position switch, to, Powertrain Control Module (PCM) (12A650)

C257

(a7)

12A581Clutch pedal
position switch

*Gasoline

Pin	Circuit	Circuit function
1	33 (WH/PK)	Voltage supplied in Start (overload protected)
2	1093 (TN/RD)	switched power, to starter motor relay
3	306 (TN/LB)	speed control, Deactivator switch
4	810 (RD/LG)	Brake pedal position switch (13480), input – gasoline engines
	640 (RD/YE)	Voltage supplied in Start and – Diesel Run (overload protected)
5	33 (WH/PK)	Voltage supplied in Start (overload protected)
6	*199 (LB/YE)	Clutch pedal position switch, to, Powertrain Control Module (PCM) (12A650)

C257 (a7)
12A581

Clutch pedal position switch

*Gasoline



1 FEMALE 6

Pin	Circuit	Circuit function
1	33 (WH/PK)	Voltage supplied in Start (overload protected)
2	1093 (TN/RD)	switched power, to starter motor relay
3	306 (TN/LB)	speed control, Deactivator switch
4	810 (RD/LG)	Brake pedal position switch (13480), input -- gasoline engines
	640 (RD/YE)	Voltage supplied in Start and Run (overload protected) -- Diesel
5	33 (WH/PK)	Voltage supplied in Start (overload protected)
6	*199 (LB/YE)	Clutch pedal position switch, to, Powertrain Control Module (PCM) (12A650)

C100 (BK)
19B573
14305

A/C clutch solenoid field coil

FEMALE



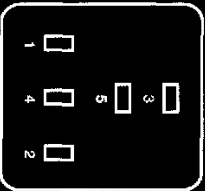
1 2

Pin	Circuit	Circuit function
1	321 (GY/WH)	A/C clutch relay, switched output
2	57 (BK)	Ground

C1382

12A581

A/C clutch relay



FEMALE

Pin	Circuit	Circuit function
1	331 (PK/YE)	A/C clutch relay, control
2	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	326 (WH/VT)	Voltage supplied at all times (overload protected)
4	—	not used
5	321 (GY/WH)	A/C clutch relay, switched power, output

C294a (RD)

14401

Function selector
switch assembly,
front



FEMALE

Pin	Circuit	Circuit function
1	296 (WH/VT)	Voltage in Run (overload protected)
2	348 (VT)	A/C demand signal
3	399 (BN/YE)	Blower motor relay, control
4	57 (BK)	Ground

C294b (BK)

14401

Function selector switch assembly, front

FEMALE

Pin	Circuit	Circuit function
1	19 (Lb/RD)	Instrument illumination
2	57 (BK)	Ground

C294d (WH)

14401

Function selector switch assembly, front

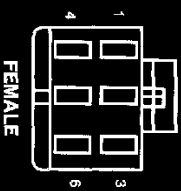
FEMALE

Pin	Circuit	Circuit function
1	436 (RD/LG)	Air temperature door variable resistor +
2	437 (YE/LG)	Air temperature door variable resistor, wiper
3	438 (RD/WH)	Air temperature door variable resistor -

C9892a (GY)

14334

Auxiliary function
selector switch
assembly, front



FEMALE

Pin	Circuit	Circuit function
1	269 (LB/OG)	Selector switch, medium low
2	515 (OG/RD)	Selector switch, High
3	1121 (DG/YE)	Selector switch, Switched ground
4	57 (BK)	Ground
5	751 (DB/WH)	Selector switch, medium high
6	1120 (BK/WH)	Selector switch, Low

C9892b (BK)

14334

Auxiliary function
selector switch
assembly, front



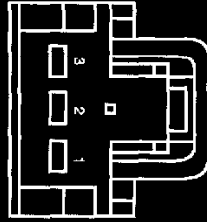
FEMALE

Pin	Circuit	Circuit function
1	19 (LB/RD)	Instrument Cluster
2	57 (BK)	Illumination Ground

C989c (GY)

14334

Auxiliary function
selector switch
assembly, front



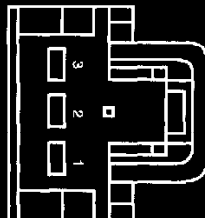
FEMALE

Pin	Circuit	Circuit function
1	1128 (GY/LB)	Reference voltage
2	1123 (YE/WH)	position sense
3	1129 (BN/WH)	Signal return

C989d (BK)

14334

Auxiliary function
selector switch
assembly, front



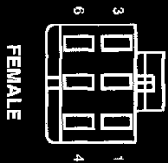
FEMALE

Pin	Circuit	Circuit function
1	1124 (WH)	Reference voltage
2	1122 (RD)	position sense
3	1125 (BN)	Signal return

C990a (GY)

14335

Auxiliary function selector
switch assembly, rear



Pin	Circuit	Circuit function
1	-	not used
2	515 (OG/RD)	Selector switch, High
3	269 (LB/OG)	Selector switch, medium low
4	756 (RD/PK)	Selector switch, Low
5	751 (DB/WH)	Selector switch, medium high
6	1120 (BK/WH)	Ground

C990b (BK)

14335

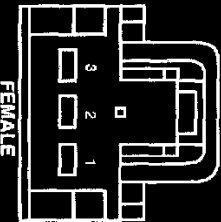
14334

Auxiliary function selector
switch assembly, rear



Pin	Circuit	Circuit function
1	19 (LB/RD)	Instrument illumination
2	57 (BK)	Illumination Ground

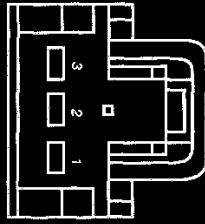
C990c (GY)
14334/14335
Auxiliary function selector
switch assembly, rear



FEMALE

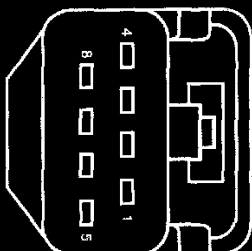
Pin	Circuit	Circuit function
1	1128 (GY/LB)	Reference voltage
2	1130 (PK/LG)	position sense
3	1129 (BN/WH)	Signal return

C990d (BN)
14334/14335
Auxiliary function selector
switch assembly, rear



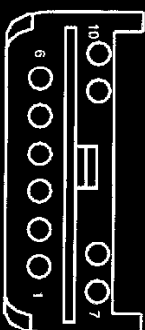
FEMALE

Pin	Circuit	Circuit function
1	1124 (WH)	Reference voltage
2	1127 (YE)	position sense
3	1125 (BN)	Signal return

C2093 (BK)**14401**Remote solenoid
assembly

FEMALE

Pin	Circuit	Circuit function
1	1112 (WH/LB)	common
2	1107 (WH)	Solenoid #1, control
3	1108 (TN/WH)	Solenoid #2, control
4	1109 (OG/BK)	Solenoid #3, control
5	1110 (LG/VT)	Solenoid #4, control
6	1111 (VT)	Solenoid #5, control
7	-	not used
8	-	not used

C3005 (BK)**14A504**Rear A/C
control module

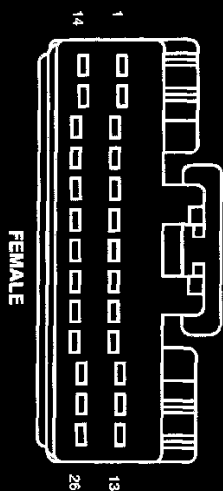
FEMALE

Pin	Circuit	Circuit function
1	1130 (PK/LG)	Mode door actuator, rear (19E616), position sense
2	1128 (LB)	Blend door actuator, control
3	1131 (LG)	Mode door actuator, rear (19E616), control
4	1121 (DG/YE)	Switched ground
5	1122 (RD)	Blend door actuator, position sense
6	57 (BK)	Ground
7	-	not used
8	295 (LB/PK)	Voltage in Run (overload protected)
9	1127 (YE)	Blend door actuator, position sense
10	1123 (YE/WH)	Mode actuator, position sense

C228a (GY)

14401

Electronic Automatic
Temperature Control
(EATC) module
(19880)

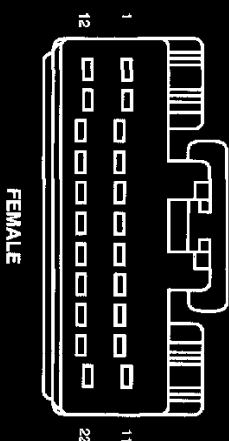


Pin	Circuit	Circuit function
1	-	not used
2	676 (PK/OG)	logic ground
3	752 (YE/RD)	Blower motor speed controller, Signal return
4	436 (RD/LG)	Blend door actuator, position sense +
5	1070 (BN/LB)	Audio/climate control switch, Climate Control System, signal
6	-	not used
7	3061 (LB/OG)	Ambient air temperature sensor (19E702) +
8	-	not used
9	1112 (WH/LB)	Remote solenoid assembly, common
10	261 (OG/BK)	Blower motor, High
11	1111 (VT)	Remote solenoid assembly, control
12	1110 (LG/VT)	Remote solenoid assembly, control
13	1107 (WH)	Remote solenoid assembly, control
14	19 (LB/RD)	Instrument illumination
15	-	not used
16	754 (LG/WH)	Blower motor speed controller, command
17	-	not used
18	-	not used
19	790 (WH/OG)	In-vehicle temperature sensor (19C734) +
20	217 (DB/OG)	Surgead sensor (19E663), signal
21	437 (YE/LG)	Blend door actuator, position sense, monitor
22	-	not used
23	399 (BN/YE)	Blower motor relay, feed
24	-	not used
25	1109 (OG/BK)	Remote solenoid assembly, control
26	1108 (TN/WH)	Remote solenoid assembly, control

C228b (GY)

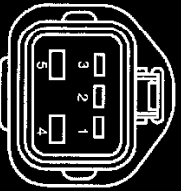
14401

Electronic Automatic
Temperature Control
(EATC) module
(19880)



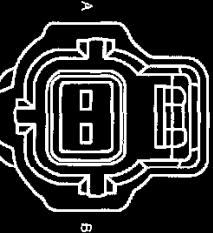
Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	693 (OG)	UBP Diagnostics
4	-	not used
5	470 (PK/BK)	Sensor signal return (reference/ground)
6	438 (RD/WH)	Blend door actuator, Signal return
7	-	not used
8	-	not used
9	-	not used
10	-	not used
11	22 (LB/BK)	Voltage supplied at all times (overload protected)
12	-	not used
13	-	not used
14	-	not used
15	-	not used
16	-	not used
17	-	not used
18	348 (VT)	A/C demand signal
19	250 (OG)	Blend door actuator, control
20	249 (DB/LG)	Blend door actuator, control
21	-	not used
22	296 (WH/VT)	Voltage in Run (overload protected)

C1308
12A581
Front blower motor
speed controller
(19E824)

**FEMALE**

Pin	Circuit	Circuit function
1	752 (YE/RD)	Blower motor speed controller, Signal return
2	754 (LG/WH)	Blower motor speed controller, Signal return
3	281 (OG/BK)	Blower motor, High
4	281 (OG/BK)	Blower motor speed controller, command
5	57 (BK)	Ground

C1064 (BK)
9D930
12B637
Engine Coolant
Temperature (ECT)
sensor (12A648)

**FEMALE**

Pin	Circuit	Circuit function
A	359 (GY/RD)	Signal return
B	3076 (YEW/WH)	Reference voltage

C931 (GY)

14A005

14334

13A718

Interior/map lamps
assembly, front

FEMALE

Pin	Circuit	Circuit function
1	53 (BK/LB)	Interior lamps relay, switched output
2	57 (BK)	Ground
3	54 (LG/YE)	Battery saver relay, switched output

C932 (GY)

14335/14A005

Interior/map
lamps
assembly, rear

FEMALE

Pin	Circuit	Circuit function
1	53 (BK/LB)	Interior lamps relay, switched output
2	57 (BK)	Ground
3	54 (LG/YE)	Battery saver relay, switched output

C3084
19F504
 Running board
 lamp, left front



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	53 (BK/LB)	Interior lamp relay, switched power

C3085
19F504
 Running board
 lamp, left rear



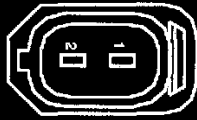
FEMALE

Pin	Circuit	Circuit function
1	53 (BK/LB)	Interior lamp relay, switched power
2	57 (BK)	Ground

C3086

19F504

Running board
lamp, right front



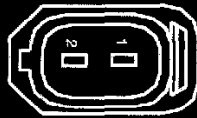
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	53 (BK/LB)	Interior lamp relay, switched power

C3087

19F504

Running board
lamp, right rear



FEMALE

Pin	Circuit	Circuit function
1	53 (BK/LB)	Interior lamp relay, switched power
2	57 (BK)	Ground

C506

14A005

Door entry
lamp, left front
(137/6)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	53 (BK/LB)	Interior lamps relay, switched output

C606 (BK)

14A005

Door entry
lamp, right
front (137/6)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	53 (BK/LB)	Interior lamp relay, switched power

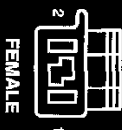
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	54 (LG/YE)	Battery saver relay, switched output

C255
14401

(BN)

14401

Glove box lamp (14413)



Pin	Circuit	Circuit function
1	**350 (GY)	Crankshaft position sensor (6C315) -
	*349 (DB)	Crankshaft position sensor (6C315) +
2	*350 (GY)	Crankshaft position sensor (6C315) -
	**349 (DB)	Crankshaft position sensor (6C315) +

C101

(BK)

12B637

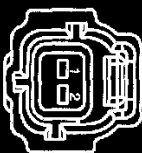
Crankshaft position sensor (6C315)

Gasoline engines



FEMALE

6.0L Diesel



FEMALE

6.0L	6.0L
others	others

others

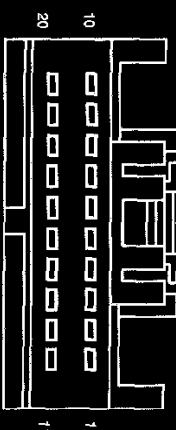
C122 (BK)**12A561**Speed control
servo (8C735)

FEMALE

Pin	Circuit	Circuit function
1	203 (OG/LB)	Cruise set, indicator, control
2	–	not used
3	679 (GY/BK)	vehicle speed signal
4	810 (RD/LG)	Brake pedal position switch (13480), input – automatic transmission
	306 (TN/LB)	Clutch pedal position switch, input – manual transmission
5	151 (LB/BK)	Speed control switch, input
6	848 (DG/OG)	Speed control switch, Ground
7	295 (LB/PK)	Voltage in Run (overload protected)
8	–	not used
9	307 (BK/YE)	Brake pressure switch (2B264), input
10	57 (BK)	Ground

C949 (GY)**14335**

DVD player



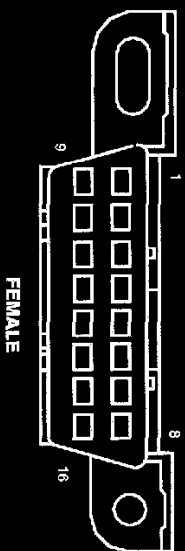
FEMALE

Pin	Circuit	Circuit function
1	829 (WH/VT)	Voltage supplied at all times (overload protected)
2	1068 (LG/BK)	Audio System ON (ASYSON)
3	19 (LB/RD)	Instrument illumination
4	–	not used
5	856 (VT)	Audio signal positive Left to Video System
6	690 (GY)	Audio signal positive Right to Video System
7	856 (VT)	Audio signal positive Left to Video System
8	690 (GY)	Audio signal positive Right to Video System
9	–	not used
10	–	not used
11	832 (LB/PK)	Audio corporate protocol (A)
12	833 (TN)	Audio corporate protocol (B)
13	–	not used
14	694 (BK/LG)	Ground
15	798 (LG/RD)	Audio signal negative Left to Video System
16	799 (OG/BK)	Audio signal negative Right to Video System
17	798 (LG/RD)	Audio signal negative Left to Video System
18	799 (OG/BK)	Audio signal negative Right to Video System
19	–	not used
20	–	not used

C251 (BK)

14401

Data Link Connector
(DLC) (14489)



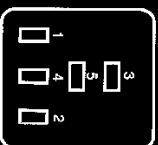
Pin	Circuit	Circuit function
1	-	not used
2	914 (TN/OG)	SCP Bus +
3	693 (OG)	UBP Diagnostics
4	57 (BK)	Ground
5	570 (BK/WH)	Ground
6	3072 (PK/YE)	CAN Bus 1H
7	70 (LB/WH)	ISO Bus
8	-	not used
9	-	not used
10	915 (PK/LB)	SCP Bus -
11	-	not used
12	-	not used
13	107 (VT)	Module programming signal
14	3073 (RD/WH)	CAN Bus 1L
15	-	not used
16	40 (LB/WH)	Voltage supplied at all times (overload protected)

C1171

12A581

13K027

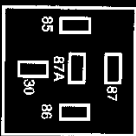
Daytime Running
Lamps (DRL) relay 1



Pin	Circuit	Circuit function
1	15 (RD/YE)	Power, Hot with Headlamps on
2	57 (BK)	Ground
3	175 (BK/YE)	Park brake relay, switched output
4	1032 (WH/BK)	Daytime Running Lamps (DRL) relay 1, switched output
5	-	not used

C1172
12A581
13K027

Daytime Running
Lamps (DRL) relay 2

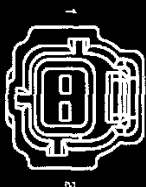


FEMALE

Pin	Circuit	Circuit function
30	13 (RD/BK)	Headlamp circuit (DRL)
85	1032 (WH/BK)	Daytime Running Lamps (DRL) relay 1, switched output
86	57 (BK)	Ground
87	471 (OG/LG)	Dropping resistor
87A	1033 (RD/YE)	Daytime Running Lamps (DRL) relay 2, switched output

C1196 (BK)
12A581

Daytime running
lamps resistor



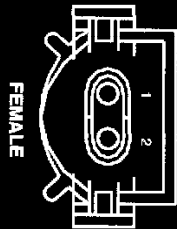
FEMALE

Pin	Circuit	Circuit function
1	471 (OG/LG)	Daytime running lamps resistor, to, Daytime Running Lamps (DRL) relay 2
2	554 (YE/BK)	Voltage supplied at all times (overload protected)

C455 (BK)

14A05

Rear axle speed sensor (4B409)

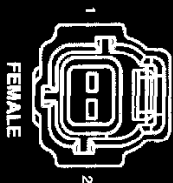


Pin	Circuit	Circuit function
1	523 (RD/PK)	Rear axle speed sensor (4B409) +
2	519 (LG/BK)	Rear axle speed sensor (4B409)

C179 (BK)

12B637

Electr. Vacuum Regulator (EVR) solenoid valve



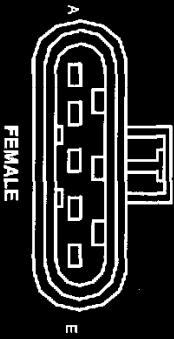
California

Pin	Circuit	Circuit function
1	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
2	360 (BN/PK)	EGR Vacuum Regulator (EVR), control

C1389 (BK)

12B637

EGR valve actuator

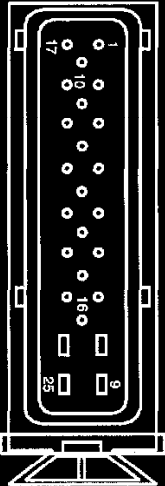


Pin	Circuit	Circuit function
A	33 (WH/PK)	EGR valve actuator, control
B	359 (GY/RD)	Signal return
C	34 (LB/OG)	position sense
D	351 (BW/WH)	Reference voltage
E	361 (TD)	PCM power relay, switched power

C135 (BK)

12A581

ABS control module (2C219)



* 6.0L Diesel
** others

Pin	Circuit	Circuit function
1	70 (LB/WH)	Data bus ISO 9141 (K-line)
2	810 (RD/LG)	Brake pedal position switch (13480), input
3	-	not used
4	522 (TN/BK)	Wheel speed sensor, left front (2C205) -
5	516 (YE/BK)	Wheel speed sensor, right front (2C204) -
6	519 (LG/BK)	Rear axle speed sensor (4B409)
7	210 (LB)	Four-wheel drive, high/low
8	530 (LG/YE)	Chassis Ground
9	532 (OG/YE)	Voltage supplied at all times (overload protected)
10	512 (TN/LG)	Brake fluid level switch (2L414), input
11	679 (GY/BK)	vehicle speed signal
12	521 (TN/OG)	Wheel speed sensor, left front (2C205) +
13	514 (YE/RD)	Wheel speed sensor, right front (2C204) +
14	523 (RD/PK)	Rear axle speed sensor (4B409) +
15	603 (DG)	Anti-lock brake indicator, control
16	*1155 (YE/BK)	Voltage in Run (overload protected)
	**533 (TN/RD)	Voltage in Run (overload protected)
17	-	not used
18	-	not used
19	-	not used
20	-	not used
21	-	not used
22	-	not used
23	-	not used
24	530 (LG/YE)	Chassis Ground
25	532 (OG/YE)	Voltage supplied at all times (overload protected)

C174

12B637

Ignition transformer
capacitor 1 (18801)



FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)

C194 (GV)

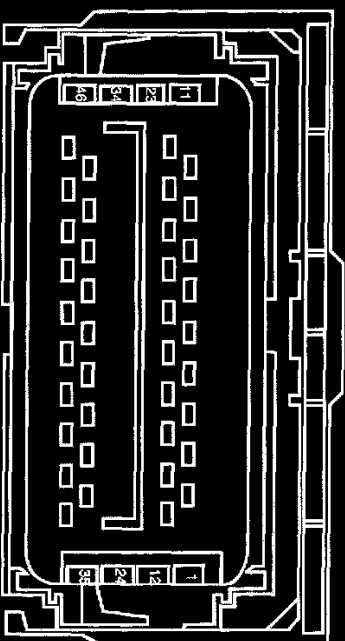
12B637

Ignition transformer
capacitor 2 (18801)



FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage, ignition switch in Start or Run (not overload protected)

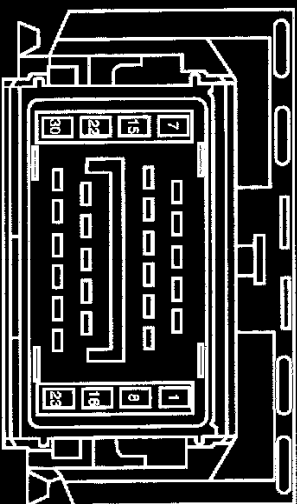
C1381a (BK)**12A581**Powertrain Control
Module (PCM)
(12A650)* automatic transmission
** manual transmission

FEMALE

Pin	Circuit	Circuit function
1	76 (LG/WH)	not used
2	331 (PK/YE)	A/C clutch relay, control
3	71 (OG/LG)	Powertrain Control Module (PCM) (12A650), Data output link
4	262 (BN/PK)	Starter relay circuit, control
5	926 (LB/OG)	Fuel pump relay, control
6	-	not used
7	1857 (YE/WH)	not used
8	439 (TN/LG)	A/C clutch cycling pressure switch (19D594), Signal return
9	203 (OG/LB)	Speed control indicator, control
10	567 (LB/YE)	Ground
11	570 (BK/WH)	Ground
12	322 (LB/YE)	not used
13	3072 (PK/YE)	CAN Bus T+H
14	3073 (RD/WH)	CAN Bus T-L
15	643 (RD)	Water-in-fuel sensor, signal
16	440 (TN/LG)	A/C clutch cycling pressure switch (19D594), Reference voltage - 12V
17	162 (LG/RD)	Parking brake switch (15A851), signal
18	810 (RD/LG)	Brake pedal position switch (13480), input
19	787 (PK/BK)	Fuel pump, monitor

Pin	Circuit	Circuit function
20	3094 (LB/RD)	Accelerator pedal position sensor, Signal return 2
21	968 (TN/LB)	Mass Air Flow (MAF) sensor (12B579), signal, return
22	239 (WH/OG)	not used
23	570 (BK/WH)	Ground
24	133 (BK)	speed control, Signal return
25	3076 (YE/WH)	Accelerator pedal position sensor, monitor 3
26	3091 (LB/BK)	Accelerator pedal position sensor, monitor 1
27	-	not used
28	307 (BK/YE)	Brake pressure switch (2B264), input
29	3093 (WH/LB)	Accelerator pedal position sensor, Reference voltage 2
30	3090 (VT)	Generator/Battery indicator, control
31	151 (LB/BK)	Speed control switch, input
32	914 (TN/OG)	Standard Corporate Protocol (SCP) data +
33	359 (GY/RD)	Signal return
34	361 (RD)	Voltage supplied in Start and Run (overload protected)
35	679 (GY/BK)	Vehicle Speed Sensor (VSS), signal
36	**224 (TN/WH)	Tow/Haul switch, signal
36	**306 (TN/LB)	Clutch pedal position switch
37	3075 (YE)	Accelerator pedal position sensor, monitor 2
38	356 (DB/LG)	Barometric Absolute Pressure (BAP) sensor, monitor

Pin	Circuit	Circuit function
39	107 (V7)	Module programming signal
40	729 (FD/WH)	Voltage supplied at all times (overload protected)
41	358 (LG/BK)	Manifold Absolute Pressure (MAP) sensor, monitor
42	967 (LB/RD)	Mass Air Flow (MAF) sensor (12B579), signal
43	743 (GV)	Intake air temperature sensor, signal
44	915 (PK/LB)	Standard Corporate Protocol (SCP) data -
45	351 (BN/WH)	Reference voltage
46	361 (RD)	Voltage supplied in Start and Run (overload protected)

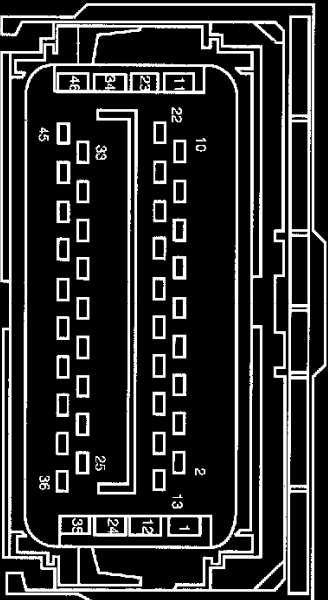
C1381b (BK)**15525**Powertrain
Control Module
(PCM) (12A650)

FEMALE

* if equipped

Pin	Circuit	Circuit function
1	371 (PK/WH)	Reference voltage
2	480 (VT/YE)	Pressure Control (PC-A) solenoid (7G383)
3	324 (YE/LG)	Reversing lamps relay, control
4	463 (RD/WH)	Transfer case Neutral, signal
5	911 (WH/LG)	Transmission Control Indicator Lamp (TCIL), control (Tow/Haul)
6	-	not used
7	1876 (YE/WH)	Electronic Pressure Control (EPC) solenoid, Power, (Tow/Haul)
8	-	not used
9	237 (OG/YE)	Shift Solenoid Pressure Control A (SSPC-A) (7J136), control
10	315 (VT/OG)	Shift Solenoid Pressure Control B (SSPC-B) (7J136), control
11	971 (PK/BK)	Shift Solenoid Pressure Control C (SSPC-C) (7J136), control
12	236 (BK/LG)	Shift Solenoid Pressure Control D (SSPC-D) (7J136), control
13	125 (DB/MH)	Shift Solenoid Pressure Control E (SSPC-E) (7J136), control
14	924 (BN/OG)	Torque Converter Clutch (TCC) solenoid (7J136), control

Pin	Circuit	Circuit function
15	-	not used
16	-	not used
17	*925 (WH/YE)	Pressure Switch A (PS-A) (7E440), signal
18	*966 (LB/PK)	Pressure Switch B (PS-B) (7E440), signal
19	*535 (LB/RD)	Pressure Switch C (PS-C) (7E440), signal
20	*912 (WH/RD)	Pressure Switch D (PS-D) (7E440), signal
21	*539 (PK/LB)	Pressure Switch E (PS-E) (7E440), signal
22	570 (BK/WH)	Transmission Range Sensor Assembly (TR-P) (7H557), Ground
23	-	not used
24	-	not used
25	199 (LB/YE)	Transmission Range Sensor Assembly (TR-P) (7H557), signal
26	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor (7H141), signal
27	134 (GV/OG)	Intermediate Shaft Speed (ISS) sensor (7M101), signal
28	136 (DB/YE)	Output Shaft Speed (OSS) sensor (7H103), signal
29	970 (DG/MH)	Turbine Shaft Speed (TSS) sensor (7M101), signal
30	1875 (OG/WH)	Signal return

C1381C (BK)**12B637**Powertrain
Control Module
(PCM) (12A850)

Pin	Circuit	Circuit function
1	1183 (WH/YE)	Charge (including: ammeter/voltmeter), monitor
2	552 (YE/RO)	Injection Pressure Regulator (IPR), control
3	1086 (VT/OG)	Glow Plug System, signal
4	1185 (YE)	Charge (including: ammeter/voltmeter), monitor, Generator, secondary
5	466 (VT/OG)	not used
6	229 (RO/OG)	Electronic fan clutch, signal
7	-	not used
8	-	not used
9	-	not used
10	41 (BK/LB)	Variable geometric turbo actuator, control
11	43 (DB)	Variable geometric turbo actuator, common
12	835 (GY/WH)	Electronic Throttle Control (ETC) motor +/-
13	-	not used
14	228 (DB)	Electronic fan clutch, control
15	-	not used
16	-	not used
17	1277 (WH/LG)	Glow plug control module (GPCM), signal
18	-	not used
19	54 (LG/YE)	Fuel Injector Control Module (FICM), fuel delivery command
20	56 (DB/OG)	Fuel Injector Control Module (FICM), cylinder identification
21	-	not used
22	360 (BN/PK)	Engine cooling fan, Ground

Pin	Circuit	Circuit function
23	33 (WH/PK)	EGR valve actuator, control
24	357 (YE/WH)	Electronic Throttle Control (ETC) motor +/-
25	359 (GY/RO)	Signal return
26	70 (LB/WH)	CAN Bus 2L
27	553 (VT/LB)	Exhaust Back Pressure (EBP) sensor, signal
28	878 (PK/YE)	Fuel Injector Control Module (FICM), communication
29	812 (DB/LG)	Injection Control Pressure (ICP) sensor, signal
30	349 (DB)	Crankshaft position sensor (6C315) +
31	50 (RD)	Camshaft position sensor (6B288) +
32	3076 (YE/WH)	Coolant temperature sensor, signal
33	34 (LB/OG)	EGR valve actuator, position sense
34	-	not used
35	-	not used
36	351 (BN/WH)	Reference voltage
37	69 (RD/LG)	CAN Bus 2H
38	73 (OG/LB)	EGR throttle position sensor, monitor
39	-	not used
40	-	not used
41	350 (GY)	Crankshaft position sensor (6C315) -
42	57 (BK)	Ground, Drain wire
43	49 (OG)	Camshaft position sensor (6B288) -
44	354 (LG/RD)	Engine Oil Temperature (EOT) sensor, signal
45	412 (RD/WH)	Air Charge Temperature (ACT) sensor, signal
46	352 (BN/LG)	Electronic fan clutch, Reference voltage

C2176 (BK)

14401

Auxiliary Powertrain
Control Module (APCM)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	914 (TMOG)	Standard Corporate Protocol (SCP) data +
3	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
4	915 (PK/LB)	Standard Corporate Protocol (SCP) data -

C107 (BK)

14B102

Cylinder-head
temperature sensor
(6G004)



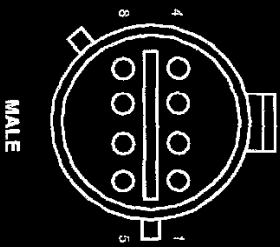
FEMALE

Pin	Circuit	Circuit function
1	1102 (YE/LG)	Sensor signal
2	359 (GV/RD)	Signal return

C1158 (BK)

12B637

Electronic
Brn clutch



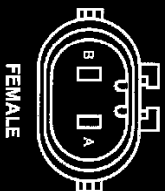
* Late production
** Early production

Pin	Circuit	Circuit function
1	229 (FD/OG)	cooling fan speed signal
2	360 (BN/PK)	Signal return
3	-	not used
4	228 (DB)	Switched ground
5	*361 (RD)	PCM power relay, switched power
6	**1155 (YE/BK)	Voltage in Run (overload protected)
7	352 (BN/LG)	Reference voltage
8	-	not used

C152 (BK)

15A211

Fog lamp, left
front (15200)

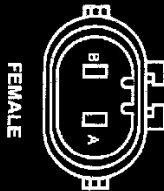


Pin	Circuit	Circuit function
A	57 (BK)	Ground
B	478 (TN/OG)	Fog lamp relay, to front fog lamp

C162 (BK)

15A211

Fog lamp, right front (15200)

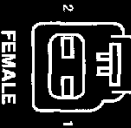


Pin	Circuit	Circuit function
A	57 (BK)	Ground
B	478 (TN/OG)	Fog lamp relay, to front fog lamp

C524 (BK)

14A005

Power window motor, driver side front (23385)

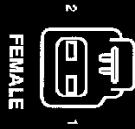


Pin	Circuit	Circuit function
1	992 (WH/BK)	Master window adjust switch (14529), feed, Up
2	991 (TN/LB)	Master window adjust switch (14529), feed, Down

C608 (BK)

14A005

Power window
motor, passenger
side front (23394)

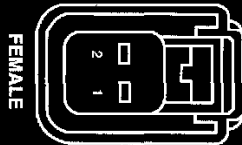


Pin	Circuit	Circuit function
1	333 (YE/RD)	Window motor, feed, Up
2	334 (RD/YE)	Window motor, feed, Down

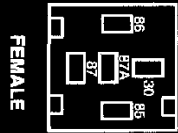
C1328 (EN)

9F759

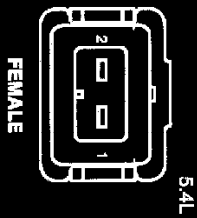
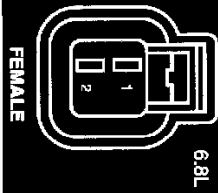
Fuel heater



Pin	Circuit	Circuit function
1	16 (RD/G)	Fuel heater relay, switched output
2	57 (BK)	Ground



Pin	Circuit	Circuit function
30	–	Voltage supplied at all times (overload protected)
85	57 (BK)	Ground
86	1044 (WH/YE)	Voltage supplied in Start and Run (overload protected)
87	16 (RD/LG)	Fuel heater relay, switched output
87A	–	not used

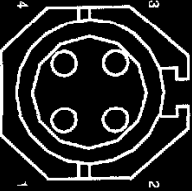


Pin	Circuit	Circuit function
1	555 (TN)	Fuel injector 1, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

C1181 (BK)

12B637

Fuel Injector 1
(9F593)



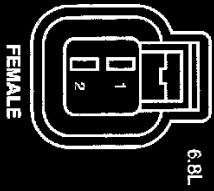
FEMALE

Pin	Circuit	Circuit function
1	4 (WH/BK)	Fuel Injector 1 (9F593), open coil, Power
2	3 (LG/WH)	Fuel Injector 1 (9F593), open coil, Ground
3	1 (DB)	Fuel Injector 1 (9F593), close coil, Power
4	2 (WH/LB)	Fuel Injector 1 (9F593), close coil, Ground

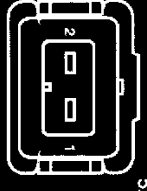
C1182 (GY)

12B637

Fuel Injector 2
(9F593)



FEMALE

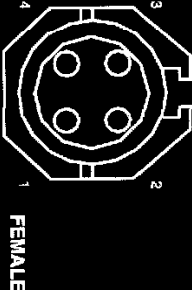


FEMALE

Pin	Circuit	Circuit function
1	556 (WH)	Fuel Injector 2, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

C1182
12B637
Fuel Injector
2 (9F593)

(BK)

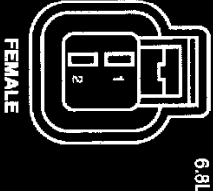


FEMALE

Pin	Circuit	Circuit function
1	20 (WH/LB)	Fuel Injector 2 (9F593), open coil, Power
2	19 (LB/RD)	Fuel Injector 2 (9F593), close coil, Ground
3	17 (WH)	Fuel Injector 2 (9F593), close coil, Power
4	18 (OG/YE)	Fuel Injector 2 (9F593), close coil, Ground

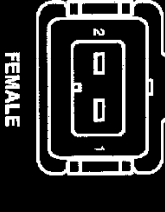
C183
12B637
Fuel Injector
3 (9F593)

(GY)



6.8L

FEMALE



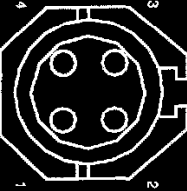
5.4L

FEMALE

Pin	Circuit	Circuit function
1	557 (BN/YE)	Fuel Injector 3, control
2	361 (RD)	Voltage supplied in Start and Run (overhead protected)

C1183
12B637
Fuel Injector 3
(9F593)

(BK)

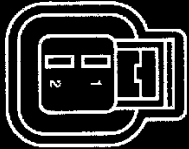


FEMALE

Pin	Circuit	Circuit function
1	28 (BK/PK)	Fuel Injector 3 (9F593), open coil, Power
2	27 (OGL/G)	Fuel Injector 3 (9F593), open coil, Power
3	25 (DGI/VT)	Fuel Injector 3 (9F593), close coil, Power
4	26 (WH/VT)	Fuel Injector 3 (9F593), close coil, Ground

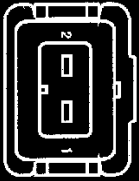
C184
12B637
Fuel Injector 4
(9F593)

(GY)



6.8L

FEMALE



5.4L

FEMALE

Pin	Circuit	Circuit function
1	558 (BN/LB)	Fuel Injector 4, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

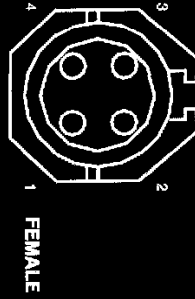
Pin	Circuit	Circuit function
1	8 (WH/PK)	Fuel injector 4 (9F593), open coil, Power
2	7 (LG/YE)	Fuel injector 4, open coil, Ground
3	5 (OG/LB)	Fuel injector 4 (9F593), close coil, Power
4	6 (YE/LG)	Fuel injector 4 (9F593), close coil, Ground

Pin	Circuit	Circuit function
1	559 (T/N/BK)	Fuel injector 5, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

(BK)

12B637

**Fuel injector 5
(9F593)**

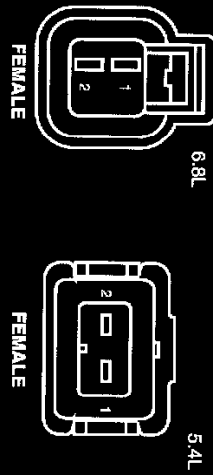


Pin	Circuit	Circuit function
1	24 (DB/OG)	Fuel injector 5 (9F593), open coil, Power
2	23 (TN/LG)	Fuel injector 5 (9F593), open coil, Ground
3	21 (DG/LG)	Fuel injector 5, close coil, Power
4	22 (LB/BK)	Fuel injector 5, close coil, Ground

(GY)

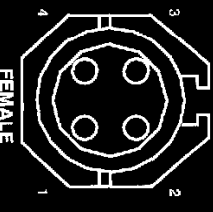
12B637

**Fuel injector 6
(9F593)**



Pin	Circuit	Circuit function
1	560 (L/G/O/G)	Fuel injector 6, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

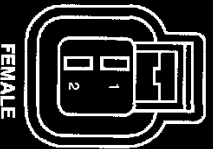
C1186 (BK)
12B637
 Fuel injector
 6 (9F593)



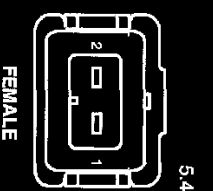
FEMALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Fuel injector 6 (9F593), open coil, Power
2	15 (RD/YE)	Fuel injector 6 (9F593), open coil, Ground
3	13 (RD/BK)	Fuel injector 6 (9F593), close coil, Power
4	14 (BN)	Fuel injector 6, close coil, Ground

C187 (GY)
12B637
 Fuel injector
 7 (9F593)



6.8L
 FEMALE

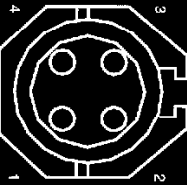


5.4L
 FEMALE

Pin	Circuit	Circuit function
1	561 (TN/RD)	Fuel injector 7, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

C1312
12B637
Fuel injector
7 (9F593)

(BK)

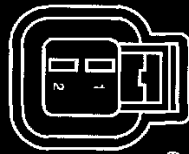


FEMALE

Pin	Circuit	Circuit function
1	12 (LG/BK)	Fuel injector 7 (9F593), open coil, Power
2	11 (TN/YE)	Fuel injector 7 (9F593), open coil, Ground
3	9 (LG/OG)	Fuel injector 7 (9F593), close coil, Power
4	10 (LG/RD)	Fuel injector 7 (9F593), close coil, Ground

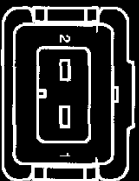
C188
12B637
Fuel injector
8 (9F593)

(GY)



6.8L

FEMALE

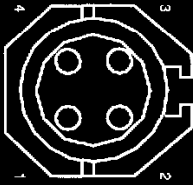


5.4L

FEMALE

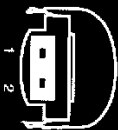
Pin	Circuit	Circuit function
1	562 (LB)	Fuel injector 8, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

Pin	Circuit	Circuit function
1	32 (RD/LB)	Fuel injector 8 (9F5593), open coil, Power
2	31 (WH/RD)	Fuel injector 8 (9F5593), open coil, Ground
3	29 (YE/WH)	Fuel injector 8, close coil, Power
4	30 (BK/LG)	Fuel injector 8 (9F5593), close coil, Ground



FEMALE

Pin	Circuit	Circuit function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	552 (YE/RD)	Switched ground



FEMALE

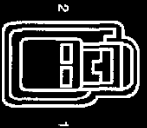
C1244 (BK)
12B637
 Injection Control
 Pressure (ICP)
 sensor



FEMALE

Pin	Circuit	Circuit function
1	359 (GY/RD)	Signal return
2	351 (BN/WH)	Reference voltage
3	812 (DB/LG)	Injection pressure sensor, monitor

C1392 (GY)
9F759
 Fuel pump



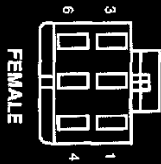
FEMALE

Pin	Circuit	Circuit function
1	787 (PK/BK)	Fuel pump relay, switched power
2	57 (BK)	Ground

C2194 (GY)

14401

Fuel tank selector switch (9A050)



Pin	Circuit	Circuit function
1	789 (BN/WH)	Switched power
2	1002 (BK/PK)	Voltage In Run or Accessory (overload protected)
3	786 (RD)	Switched ground
4	786 (RD)	Fuel tank selector valve, switched power
5	786 (RD)	Switched ground
6	57 (BK)	Ground
	789 (BN/WH)	Fuel tank selector valve, switched power
	789 (BN/WH)	Switched ground

C4132 (GY)

14405

Fuel tank selector valve

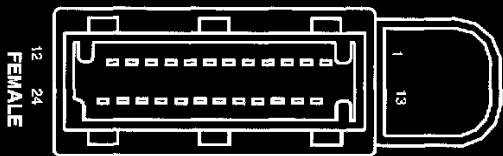


Pin	Circuit	Circuit function
1	-	not used
2	786 (RD)	Fuel tank selector switch (9A050), control
3	789 (BN/WH)	Fuel tank selector switch (9A050), control
4	673 (DB/YE)	Fuel sender, secondary
5	29 (YE/WH)	Fuel pump/fuel gauge sender, signal
6	675 (YE/LB)	Fuel sender, primary

C270a (BK)

14401

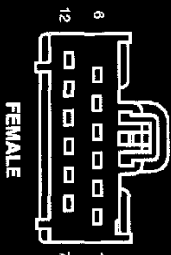
Central Junction Box
(CJB) (14A087)



* with EATC
** Pickup, with electronic shift on the fly
*** 6.0L
† Excursion

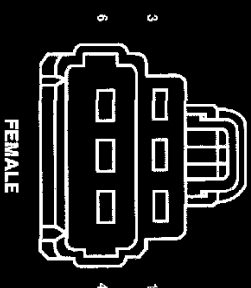
Pin	Circuit	Circuit function
1	54 (LG/YE)	Battery seaver relay, switched output
2	1000 (RD/BK)	Voltage supplied in Start (overload protected)
3	22 (LB/BK)	Voltage supplied at all times (overload protected)
4	**33 (WH/PK)	Voltage supplied in Start (overload protected)
5	296 (WH/VT)	Voltage in Run (overload protected)
6	***1044 (WH/YE)	Voltage, ignition switch in Start or Run (not overload protected)
7	1306 (PK/WH)	Voltage supplied at all times (overload protected)
8	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
9	57 (BK)	Ground
	† 698 (GY/LB)	Rear window defrost relay, control
10	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
11	296 (WH/VT)	Voltage in Run (overload protected)
	*399 (BN/YE)	Blower motor relay, control
12	399 (BN/YE)	Blower motor relay, control
	*57 (BK)	Ground

Pin	Circuit	Circuit function
13	12 (LG/BK)	Fog lamp relay control
14	1332 (LB)	Accessory delay relay, control
15	705 (LG/OG)	Voltage supplied at all times (overload protected)
16	294 (WH/LB)	Voltage in Run (overload protected)
17	275 (YE)	Fog lamp relay, control
18	609 (OG/YE)	Voltage in Run (overload protected)
19	1 (DB)	Horn relay, control
20	418 (DG/YE)	Voltage in Run (overload protected)
21	295 (LB/PK)	Voltage in Run (overload protected)
22	238 (DG/YE)	Fuel pump relay, switched power, output
23	194 (PK)	Accessory delay relay, switched output
24	829 (WH/VT)	Voltage supplied at all times (overload protected)

C270b (GY)**14401**Central Junction Box
(CJB) (14A067)

* 6.0L

Pin	Circuit	Circuit function
*1	792 (TN/YE)	Voltage supplied at all times (overload protected)
2	10 (LG/RD)	Voltage supplied at all times (overload protected)
3	-	not used
4	1286 (RD/YE)	Voltage supplied in Start and Run (overload protected)
5	14 (BN)	Power, Exterior lamps
6	785 (BK/LG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	1522 (DG)	Voltage, Ignition switch in Start (not overload protected)
9	12 (LG/BK)	Power, Hot with High Beams on
10	196 (TN/WH)	Voltage supplied at all times (overload protected)
11	-	not used
12	196 (DB/OG)	Voltage supplied at all times (overload protected)

C270c (BK)**14401**Central Junction Box
(CJB) (14A067)* 6.0L
** others

Pin	Circuit	Circuit function
1	1040 (RD/BK)	voltage, Ignition switch in Run (not overload protected)
2	37 (YE)	Voltage supplied at all times (overload protected)
3	*544 (VT)	Voltage supplied at all times (overload protected)
	**1050 (LG/VT)	Voltage supplied at all times (overload protected)
4	*1044 (WH/YE)	Voltage, Ignition switch in Start or Run (not overload protected)
	**16 (RD/LG)	Voltage, Ignition switch in Start or Run (not overload protected)
5	687 (GY/YE)	voltage, Ignition switch in Run (not overload protected)
6	964 (DB/LG)	Voltage, Ignition switch in Accessory or Run (not overload protected)

C270d (GY)
14401
 Central Junction Box
 (CJB) (14A067)

FEMALE

Pin	Circuit	Circuit function
1	1542 (RD)	Voltage supplied at all times (overload protected)
2	* -	not used
3	**1567 (RD/LB)	Voltage supplied at all times (overload protected)
4	-	not used
5	**364 (BK/LG)	Voltage supplied at all times (overload protected)
6	797 (LG/VT)	Voltage supplied at all times (overload protected)
7	400 (LB/BK)	Accessory delay relay, switched output
8	* -	not used
9	40 (LB/MH)	Voltage supplied at all times (overload protected)
10	59 (DG/VT)	Rear window defrost relay, switched output

* Excursion
 ** 6.0L

C270e (BK)
14401
 Central Junction Box
 (CJB) (14A067)

FEMALE

Pin	Circuit	Circuit function
1	50 (RD)	Voltage supplied at all times (overload protected)
2	1049 (BN/PK)	Voltage supplied at all times (overload protected)
3	116 (RD/BK)	Voltage supplied at all times (overload protected)
4	325 (DB/OG)	Voltage supplied at all times (overload protected)

C270f (BK)

12A581

Central Junction Box
(CJB) (14A067)

* 6.0L
** others
*** TorqShift



FEMALE

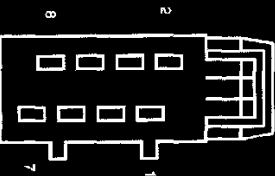
Pin	Circuit	Circuit function
1	140 (BK/PK)	Voltage supplied in reverse
2	161 (DG/OG)	Headlamp, right (13008), (Low beam lamp feed)
3	160 (DB/WH)	Headlamp, left (13008), (Low beam lamp feed)
4	*1155 (YE/BK)	Voltage in Run (overload protected)
4	**533 (TN/RD)	Voltage supplied at all times (overload protected)
5	57 (BK)	Ground
6	**1093 (TN/RD)	Power, Hot in Start with Park or Neutral
6	***33 (WH/PK)	Voltage supplied in Start (overload protected)
7	54 (LG/YE)	Battery saver relay, switched output
8	324 (YE/LG)	Reversing lamps relay, control
9	*262 (BN/PK)	Switched ground
9	**57 (BK)	Ground
10	926 (LB/OG)	Fuel pump relay, control
11	57 (BK)	Ground
12	321 (GY/WH)	A/C clutch relay, switched output

C270g (BK)

12A581

Central Junction Box
(CJB) (14A067)

* 6.0L



FEMALE

Pin	Circuit	Circuit function
1	*140 (BK/PK)	Reversing lamps relay, switched output
2	113 (YE/LB)	Starter motor (11002), to, Starter relay (11450)
3	-	not used
4	13 (RD/BK)	Power, Hot with Low Beams on
5	-	not used
6	181 (BN/OG)	Blower motor relay, switched output
7	729 (RD/WH)	Voltage supplied at all times (overload protected)
8	-	not used
8	*16 (RD/LG)	Fuel heater relay, control

C270h (BK)**12A581**Central Junction Box
(CJB) (14A067)

* 6.0L



FEMALE

Pin	Circuit	Circuit function
1	12 (LG/BK)	Power, Hot with High Beams on
2	478 (TN/OG)	Fog lamp relay, to front fog lamp
3	14 (BN)	Power, Exterior lamps
4	-	not used
5	*57 (BK)	Ground
6	361 (RD)	Voltage supplied in Start and Run (overload protected)
7	381 (RD/YE)	Voltage supplied in Start and Run (overload protected)
8	295 (LB/PK)	Voltage in Run (overload protected)
9	33 (WH/PK)	Voltage supplied in Start (overload protected)
10	6 (YE/LG)	Horn relay, switched output
11	238 (DG/YE)	Fuel pump relay, switched power, output - gasoline engines
12	326 (WH/VT)	Voltage supplied at all times (overload protected)
	534 (YE/BK)	Voltage supplied at all times (overload protected)

C270j (BK)**14A005**Central Junction Box
(CJB) (14A067)

* Excursion



FEMALE

Pin	Circuit	Circuit function
1	*109 (VT/WH)	Voltage supplied at all times (overload protected)
2	-	not used
3	936 (OG/LG)	Voltage supplied at all times (overload protected)
4	-	not used
5	*829 (WT/VT)	Voltage supplied at all times (overload protected)
6	-	not used
7	963 (BK/LG)	Trailer tow relay, reversing lamp, switched output
8	-	not used
9	*297 (BK/LG)	Voltage in Run or Accessory (overload protected)
10	-	not used
11	194 (PK)	Accessory delay relay, switched output
12	14 (BN)	Power, Exterior lamps
13	-	not used
14	295 (LB/PK)	Voltage in Run (overload protected)
15	962 (BN/WH)	Trailer tow relay, parking lamp, switched output
16	54 (LG/YE)	Battery saver relay, switched output

C270K (WH)
14A005
Central Junction Box
(CJB) (14A067)

FEMALE

• Pickup

Pin	Circuit	Circuit function
1	1362 (DG/OG)	Voltage supplied at all times (overload protected)
2	1544 (OG)	Voltage supplied at all times (overload protected)
3	186 (BN/LB) *	not used Rear window defrost relay, switched output
4	49 (OG)	not used Trailer tow relay, battery charge, switched output
5	59 (DG/VT) *	Heated mirrors
6	1163 (RD/BK)	not used Voltage supplied at all times (overload protected)
7	1543 (YE)	Voltage supplied at all times (overload protected)
8	-	not used

C270I (GY)
14A005
Central Junction Box
(CJB) (14A067)

FEMALE

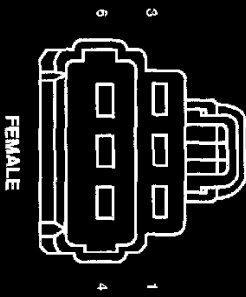
• Excursion

Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	*406 (BN/WH)	Voltage supplied at all times (overload protected)
4	51 (BK/WH)	Voltage supplied at all times (overload protected)
5	566 (DG)	Voltage supplied at all times (overload protected)
6	400 (LB/BK)	Accessory delay relay, switched output

C270m (RD)

14401

Central Junction Box
(CJB) (144067)



FEMALE

Pin	Circuit	Circuit function
1	—	not used
2	704 (DG/LG)	Voltage supplied at all times (overload protected)
3	532 (OG/YE)	Voltage supplied at all times (overload protected)
4	—	not used
5	—	not used
6	65 (DG)	Voltage supplied at all times (overload protected)

C270p

14300

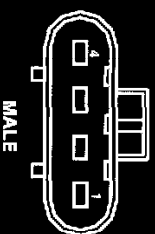
Central Junction Box
(CJB) (143067)



Pin	Circuit	Circuit function
1	2037 (RD)	Battery Power

C1413
12B637

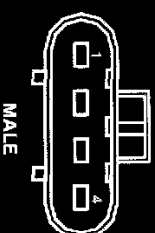
(BK)
Glow plug
bank, left



Pin	Circuit	Circuit function
1	120 (PK/LG)	glow plug feed
2	140 (BK/PK)	glow plug feed
3	160 (DB/WH)	glow plug feed
4	180 (RD)	glow plug feed

C1414
12B637

(BK)
Glow plug
bank, right

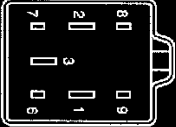


Pin	Circuit	Circuit function
1	170 (RD/LB)	glow plug feed
2	150 (DG/WH)	glow plug feed
3	130 (RD/LG)	glow plug feed
4	110 (WH/LG)	glow plug feed

C1273a (GN)

9D930
12B637

Glow plug
control module
(GPCM)



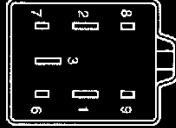
FEMALE

Pin	Circuit	Circuit function
1	150 (DGWH)	Glow plug 5, control
2	170 (FDLB)	Glow plug 7, control
3	38 (BKOG)	Battery Power
4	-	not used
5	-	not used
6	110 (WHLG)	Glow plug 1, control
7	130 (FDLG)	Glow plug 3, control
8	1086 (VTOG)	Glow plug relay, control
9	1277 (WHLG)	Glow plug relay, control

C1273b (BK)

9D930
12B637

Glow plug
control module
(GPCM)



FEMALE

Pin	Circuit	Circuit function
1	160 (DBWH)	Glow plug 6, control
2	180 (RD)	Glow plug 8, control
3	38 (BKOG)	Battery Power
4	-	not used
5	-	not used
6	120 (PKLG)	Glow plug 2, control
7	140 (BK/PK)	Glow plug 4, control
8	-	not used
9	361 (RD)	PCM power relay, switched power

C2047
14401
Indicator
flasher relay
(13350)

FEMALE

Pin	Circuit	Circuit function
1	44 (LB)	Turn signal flasher, to turn signal switch
2	295 (LB/PK)	Voltage in Run (overload protected)
3	10 (LG/RD)	Voltage supplied at all times (overload protected)
4	385 (WH/RD)	Hazard flasher switch, Power
5	57 (BK)	Ground

C202a (GY)
14401
Multifunction switch

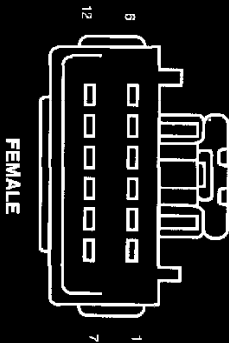
FEMALE

Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	44 (LB)	Turn signal flasher, to turn signal switch
3	385 (WH/RD)	Turn signal flasher, to turn signal switch
4	-	not used
5	-	not used
6	196 (DB/OG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	15 (RD/YE)	Power, Hot with Headlamps on
9	13 (RD/BK)	Power, Hot with Low Beams on
10	-	not used

C202b (GY)

14401

Multifunction switch

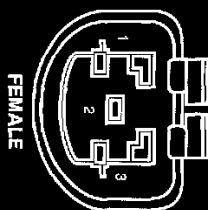


Pin	Circuit	Circuit function
1	63 (RD)	Front wiper switch circuit A
2	56 (DB/OG)	Front wiper switch circuit C
3	58 (WH)	Front wiper switch circuit B
4	61 (YE/RD)	Front wiper switch circuit H
5	589 (OG)	Front washer switch circuit W
6	57 (BK)	Ground
7	2 (WH/LB)	Turn lamps, feed, right front
8	5 (OG/LB)	Turn lamps, feed, right rear
9	9 (LG/OG)	Turn lamps, feed, left rear
10	3 (LG/WH)	Turn lamps, feed, left front
11	993 (BN/WH)	Rear washer switch circuit E - Excursion
	-	not used - Pickup
12	1300 (VT)	Rear wiper switch circuit D
	-	not used - Pickup - Excursion

C1041 (BK)

12A581

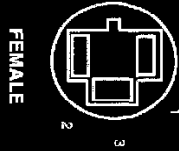
Headlamp, right (13008)



Pin	Circuit	Circuit function
1	12 (LG/BK)	High beam
2	57 (BK)	Ground
3	161 (DG/OG)	Headlamp, right (13008), (Low beam lamp feed)

C1285 (BK)
13A006

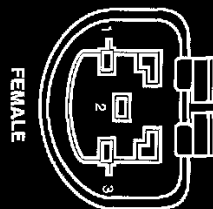
Headlamp, right (13008)



Pin	Circuit	Circuit function
1	12 (LG/BK)	High beam
2	57 (BK)	Ground
3	161 (DG/OG)	Headlamp, right (13008), (Low beam lamp feed)

C1021 (BK)
12A581

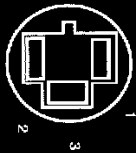
Headlamp, left (13008)



Pin	Circuit	Circuit function
1	12 (LG/BK)	High beam
2	57 (BK)	Ground
3	160 (DBW-H)	Headlamp, left (13008), (Low beam lamp feed)

C1284 (BK)
13A006

Headlamp, left (13008)

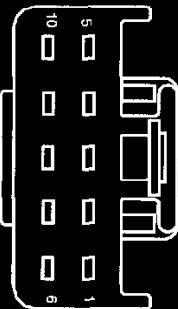


FEMALE

Pin	Circuit	Circuit function
1	12 (LG/BK)	High beam
2	57 (BK)	Ground
3	160 (DB/WH)	Headlamp, left (13008), (Low beam lamp lead)

C202a (GY)
14401

Multifunction switch

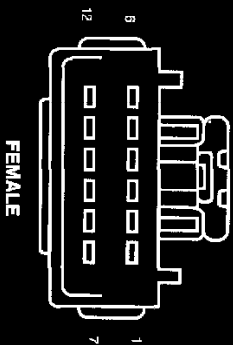


FEMALE

Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	44 (LB)	Turn signal flasher, to turn signal switch
3	385 (WH/RD)	Turn signal flasher, to turn signal switch
4	-	not used
5	-	not used
6	196 (DB/OG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	15 (RD/YE)	Power, Hot with Headlamps on
9	13 (RD/BK)	Power, Hot with Low Beams on
10	-	not used

C202b (GY)**14401**

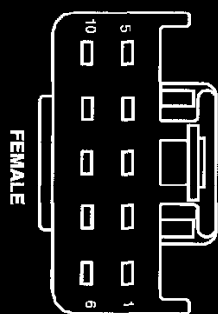
Multifunction switch



Pin	Circuit	Circuit function
1	63 (RD)	Front wiper switch circuit A
2	56 (DB/OG)	Front wiper switch circuit C
3	58 (WH)	Front wiper switch circuit B
4	61 (YE/RD)	Front wiper switch circuit H
5	589 (OG)	Front washer switch circuit W
6	57 (BK)	Ground
7	2 (WH/LB)	Turn lamps, feed, right front
8	5 (OG/LB)	Turn lamps, feed, right rear
9	9 (LG/OG)	Turn lamps, feed, left rear
10	3 (LG/WH)	Turn lamps, feed, left front
11	993 (BN/WH)	Rear washer switch circuit E - Excursion
	-	not used - Pickup
12	1300 (VT)	Rear wiper switch circuit D
	-	not used - Pickup - Excursion

C202a (GY)**14401**

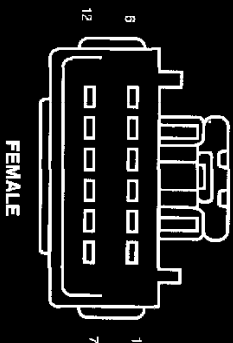
Multifunction switch



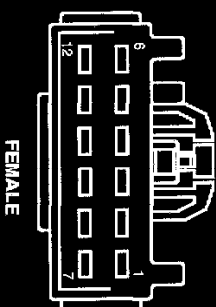
Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	44 (LB)	Turn signal flasher, to turn signal switch
3	385 (WH/RD)	Turn signal flasher, to turn signal switch
4	-	not used
5	-	not used
6	196 (DB/OG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	15 (RD/YE)	Power, Hot with Headlamps on
9	13 (RD/BK)	Power, Hot with Low Beams on
10	-	not used

C202b (GV)**14401**

Multifunction switch



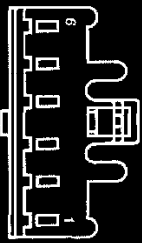
Pin	Circuit	Circuit function
1	63 (RD)	Front wiper switch circuit A
2	56 (DB/OG)	Front wiper switch circuit C
3	58 (WH)	Front wiper switch circuit B
4	61 (YE/RD)	Front wiper switch circuit H
5	589 (OG)	Front washer switch circuit W
6	57 (BK)	Ground
7	2 (WH/LB)	Turn lamps, feed, right front
8	5 (OG/LB)	Turn lamps, feed, right rear
9	9 (LG/OG)	Turn lamps, feed, left rear
10	3 (LG/WH)	Turn lamps, feed, left front
11	993 (BN/WH)	Rear washer switch circuit E - Excursion
	-	not used - Pickup
12	1300 (VT)	Rear wiper switch circuit D
	-	not used - Pickup - Excursion

C205a (GV)**14401**Main light switch
(11834)

Pin	Circuit	Circuit function
1	-	not used
2	14 (BN)	Fog lamps, feed
3	-	not used
4	-	not used
5	275 (YE)	Fog lamp relay, feed
6	57 (BK)	Ground
7	1399 (DB/WH)	autolamps, On
8	196 (DB/OG)	Voltage supplied at all times (overload protected)
9	15 (RD/YE)	Power, Hot with Headlamps on
10	195 (TN/WH)	Voltage supplied at all times (overload protected)
11	-	not used
12	14 (BN)	Power, Exterior lamps

C205b (BK)

14401
Main light switch
(11854)



FEMALE

Pin	Circuit	Circuit function
1	19 (LB/RD)	Instrument illumination
2	402 (OG/LG)	Interior lamps control
3	-	not used
4	57 (BK)	Ground
5	-	not used
6	14 (BN)	Power, Exterior lamps

C402a (BK)

14086
Rear window defrost grid
(18C618)



FEMALE

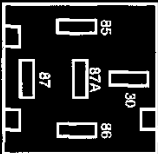
Pin	Circuit	Circuit function
1	186 (BN/LB)	Rear window defrost relay, switched output

C402b (BK)
14086
Rear window
defrost grid
(18C618)

**FEMALE**

Pin	Circuit	Circuit function
1	57 (BK)	Ground

C2021
Rear window
defrost relay

**FEMALE**

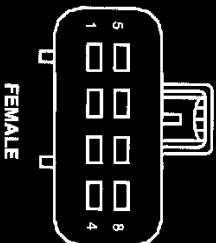
*** Excursion**
**** Pickup**

Pin	Circuit	Circuit function
30	–	Voltage supplied at all times (overload protected), Contact
85	*688 (GY/LB) **57 (BK)	Switched ground Ground
86	–	Voltage in Run (overload protected), Coil
87	–	Rear window defrost relay, switched power, output
87A	–	not used

C241 (TN)

14401

Rear window defrost
switch (18578)

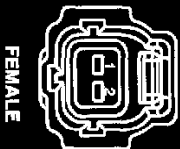


Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	1010 (DB/OG)	Rear window defrost switch (18578), Input
3	—	not used
4	57 (BK)	Illumination Ground
5	—	not used
6	59 (DG/VT)	Fused rear window defrost relay, switched power
7	—	not used
8	19 (LB/RD)	Instrument illumination

C131 (BK)

12A581

Horn (13832)

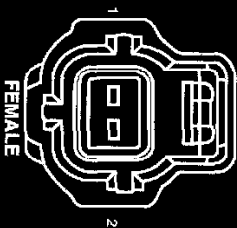


Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	6 (YE/LG)	Horn relay, switched power, output

C1066 (BK)

12B637

Idle Air Control
(IAC) valve (97715)



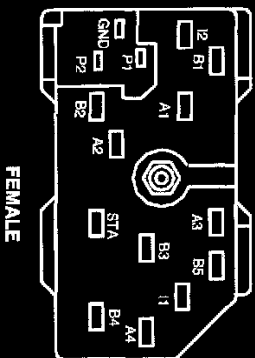
Pin	Circuit	Circuit function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	264 (WH/LB)	Switched ground

C250 (BK)

14401

Ignition switch
(11572)

* 6.0L
** others



Pin	Circuit	Circuit function
A1	964 (DB/LG)	Voltage, Ignition switch in Accessory or Run (not overload protected)
A2	-	not used
A3	1040 (RD/BK)	voltage, Ignition switch in Run (not overload protected)
A4	687 (GY/YE)	voltage, Ignition switch in Run (not overload protected)
B1	37 (YE)	Voltage supplied at all times (overload protected)
B2	-	not used
B3	37 (YE)	Voltage supplied at all times (overload protected)
B4	1050 (LG/YT)	Voltage supplied at all times (overload protected)
B5	325 (DB/OG)	Voltage supplied at all times (overload protected)
I1	*1044 (WH/YE)	Voltage, Ignition switch in Start or Run (not overload protected)
I2	**16 (RD/LG)	not used
P1	-	not used
P2	-	not used
STA	1522 (DG)	Voltage, Ignition switch in Start (not overload protected)
GND	-	not used

C2207 (BK)

14401

Inertia Fuel
Shutoff (IFS)
switch (9D362)



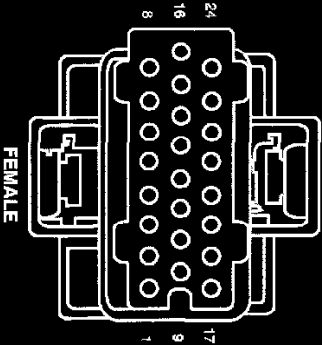
3
1
2
FEMALE

Pin	Circuit	Circuit function
1	238 (BK/WH)	Fuel pump relay, switched power, output
2	787 (PK/BK)	Fuel pump, Power
3	-	not used

C1388a (BK)

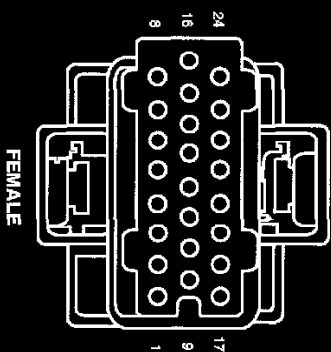
12B637

Fuel Injector
Control Module
(FICM)

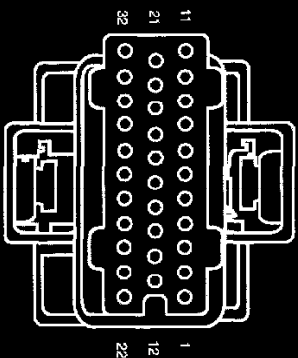


24
16
8
17
9
1
FEMALE

Pin	Circuit	Circuit function
1	7 (LG/YE)	Fuel injector 4, open coil, Ground
2	3 (LG/WH)	Fuel injector 1, open coil, Ground
3	11 (TN/YE)	Fuel injector 7, open coil, Ground
4	15 (RD/YE)	Fuel injector 6, open coil, Ground
5	2 (WH/LB)	Fuel injector 1, close coil, Ground
6	6 (YEL/G)	Fuel injector 4, close coil, Ground
7	14 (BN)	Fuel injector 6, close coil, Ground
8	10 (LG/RD)	Fuel injector 7, close coil, Ground
9	-	not used
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	-	not used
15	-	not used
16	-	not used
17	12 (LG/BK)	Fuel injector 7 (9F593), open coil, Power
18	9 (LG/OG)	Fuel injector 7 (9F593), close coil, Power
19	4 (WH/BK)	Fuel injector 1, open coil, Power
20	1 (DB)	Fuel injector 1, close coil, Power
21	16 (RD/LG)	Fuel injector 6, open coil, Power
22	13 (RD/BK)	Fuel injector 6, close coil, Power
23	8 (WH/PK)	Fuel injector 4, open coil, Power
24	5 (OG/LB)	Fuel injector 4, close coil, Power

C1388b (BK)**12B637**Fuel Injector
Control Module
(FICM)

Pin	Circuit	Circuit function
1	23 (TN/LG)	Fuel Injector 5, open coil, Ground
2	19 (LB/RD)	Fuel Injector 2, open coil, Ground
3	31 (WH/RD)	Fuel Injector 8, open coil, Ground
4	27 (OG/LG)	Fuel Injector 3, open coil, Ground
5	22 (LB/BK)	Fuel Injector 5 (9F593), close coil, Ground
6	18 (OG/YE)	Fuel Injector 2 (9F593), close coil, Ground
7	30 (BK/LG)	Fuel Injector 8, close coil, Ground
8	26 (WH/VT)	Fuel Injector 3, close coil, Ground
9	-	not used
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	-	not used
15	-	not used
16	-	not used
17	20 (WH/LB)	Fuel Injector 2, open coil, Power
18	17 (WH)	Fuel Injector 2 (9F593), close coil, Power
19	28 (BK/PK)	Fuel Injector 3 (9F593), open coil, Power
20	25 (DG/VT)	Fuel Injector 3, close coil, Power
21	24 (DB/OG)	Fuel Injector 5, open coil, Power
22	21 (DG/LG)	Fuel Injector 5, close coil, Power
23	32 (RD/LB)	Fuel Injector 8, open coil, Power
24	29 (YE/WH)	Fuel Injector 8, close coil, Power

C1388C (BK)**12B637**Fuel Injector
Control Module
(FICM)

FEMALE

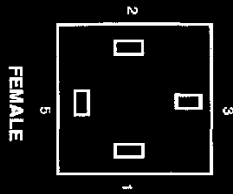
Pin	Circuit	Circuit function
1	574 (BK/PK)	Ground
2	574 (BK/PK)	Ground
3	574 (BK/PK)	Ground
4	876 (DG/LG)	Fuel Injector Control Module (FICM) power relay, switched power
5	54 (LG/YE)	Fuel delivery command
6	—	not used
7	1717 (VT/OG)	Voltage supplied in Start and Run (overload protected)
8	814 (WH/BK)	Fuel Injector Control Module (FICM) power relay, switched power, fused feed
9	878 (PK/YE)	Powertrain Control Systems, Communication
10	56 (DB/OG)	Cylinder identification
11	—	not used
12	—	not used
13	—	not used
14	—	not used
15	—	not used
16	—	not used

Pin	Circuit	Circuit function
17	—	not used
18	—	not used
19	—	not used
20	—	not used
21	—	not used
22	574 (BK/PK)	Ground
23	876 (DG/LG)	Fuel Injector Control Module (FICM) power relay, switched power
24	876 (DG/LG)	Fuel Injector Control Module (FICM) power relay, switched power
25	876 (DG/LG)	Fuel Injector Control Module (FICM) power relay, switched power
26	574 (BK/PK)	Ground
27	3098 (RD/YE)	Fuel Injector Control Module (FICM) power relay, control
28	—	not used
29	—	not used
30	69 (RD/LG)	CAN Bus 2H
31	70 (LB/WH)	CAN Bus 2L
32	57 (BK)	Drain wire

C1235

12A581

Fuel Injector Control Module (FICM) power relay

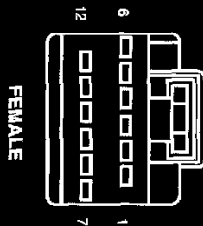


Pin	Circuit	Circuit function
1	3098 (RDYE)	Switched ground
2	792 (TN/YE)	Fuel Injector Control Module (FICM) power relay, switched power, output
3	544 (VT)	Voltage supplied at all times (overload protected)
4	-	not used
5	876 (DG/LG)	relay control battery feed

C220a (GY)

14401

Instrument cluster (13849)



Pin	Circuit	Circuit function
1	914 (TN/OG)	SCP Bus +
2	915 (PK/LB)	SCP Bus -
3	29 (YE/WH)	Fuel pump/fuel gauge sender
4	396 (BK/OG)	Fuel sender, logic ground
5	3 (LG/WH)	Left turn signal, input
6	142 (LB/RD)	Air filter sensor - Diesel only
7	693 (OG)	UBP Diagnostics
8	402 (OG/LG)	Interior lamps, control
9	-	not used
10	-	not used
11	789 (BN/WH)	Fuel Tank Selector, indicator
12	1010 (DB/OG)	Rear window defrost switch (18578), input

C220b (BK)

14401

Instrument cluster (10849)

FEMALE

Pin	Circuit	Circuit function
1	759 (LG/YE)	Door ajar switch, left rear; Door ajar switch, left front
2	760 (PK/LB)	Door ajar switch, right rear; Door ajar switch, right front
3	679 (GY/BK)	Vehicle speed signal
4	975 (BN/YE)	Four-wheel drive, Low, indicator, control
5	210 (LB)	Four-wheel drive, High, indicator, control
6	85 (BN/LB)	Safety belt buckle switch (10B924), input
7	688 (GY/LB)	Rear window defrost relay, control
8	1332 (LB)	Accessory delay relay, control
9	158 (BK/PK)	Key warning switch (11A127), input
10	1083 (LB/PK)	Air bag, tone driver
11	162 (LG/RD)	Parking brake switch (15A851)
12	904 (LG/RD)	Generator/Battery indicator, control

C220c (WH)

14401

Instrument cluster (10849)

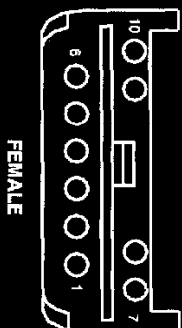
FEMALE

* 6.0L
** Gas

Pin	Circuit	Circuit function
1	54 (LG/YE)	Battery saver relay, switched output
2	53 (BK/LB)	Interior lamps relay, switched output
3	1269 (OG/RD)	Anti-Theft indicator
4	2 (WH/LB)	Flight turn signal, input
5	12 (LG/BK)	High beam indicator
6	-	not used
7	-	not used
8	*1308 (BN/OG)	Engine oil pressure indicator, control
8	**31 (WH/RD)	Fuel injector 8, open coil, Ground
9	512 (TN/LG)	Brake indicator, control
10	531 (DG/YE)	Brake fluid level switch (2L414), signal
11	705 (LG/OG)	Voltage supplied at all times (overload protected)
12	785 (BK/LG)	Voltage supplied at all times (overload protected)
13	676 (PK/OG)	logic ground
14	608 (BK/YE)	Air bag indicator, control
15	57 (BK)	Ground
16	19 (LB/RD)	Instrument illumination
17	203 (OG/LB)	Cruise set, indicator, control
18	603 (DG)	Anti-lock brake indicator, control
19	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
20	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)

C930**17C712**

Overhead Console



Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	—	not used
3	29 (YE/WH)	Fuel pump/fuel gauge sender
4	70 (LB/WH)	ISO Bus
5	679 (GY/BK)	vehicle speed signal
6	3061 (LB/OG)	Ambient air temperature sensor (19E702) signal
7	640 (RD/YE)	Voltage in Run (overload protected)
8	71 (OG/LG)	Powertrain Control Module (PCM) (12A650), Data output link
9	19 (LB/RD)	Instrument illumination
10	789 (BN/WH)	Fuel tank selector, signal – Pickup

C9013 (BK)**17C712**

Overhead Console



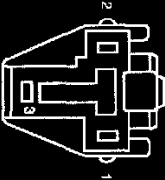
Pin	Circuit	Circuit function
1	296 (LB/PK)	Voltage in Run (overload protected)
2	676 (PK/OG)	Ground
3	679 (GY/BK)	vehicle speed signal
4	19 (LB/RD)	Instrument illumination
5	3061 (LB/OG)	Outside temperature sensor, input
6	—	not used
7	53 (BK/LB)	Courtesy Lamps
8	54 (LG/YE)	Lighting, on demand
9	57 (BK)	Ground
10	1173 (BN/OG)	Roof opening panel, common
11	1174 (WH/RD)	Roof opening panel, Open circuit
12	1175 (TN/RD)	Roof opening panel, Close circuit
13	29 (YE/WH)	Fuel tank sender, input
14	71 (OG/LG)	Data output link
15	70 (LB/WH)	K-Line ISO 9141
16	789 (BN/WH)	Fuel Tank Selector, signal

Pickup

C2031 (TN)

14401

Cigar lighter, front
(15055)



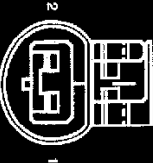
FEMALE

Pin	Circuit	Circuit function
1	40 (LBWH)	Voltage supplied at all times (overload protected)
2	-	not used
3	57 (BK)	Ground

C458 (BK)

14086

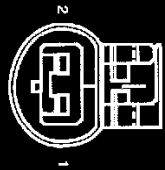
Liftgate ajar
switch, left



FEMALE

Pin	Circuit	Circuit function
1	23 (TN/LG)	Liftgate ajar switch, input
2	57 (BK)	Ground

C459 (BK)
14086
 Liftgate ajar switch, right



FEMALE

Pin	Circuit	Circuit function
1	23 (TN/LG)	Liftgate ajar switch, input
2	57 (BK)	Ground

C526 (BK)
14A005
 Door ajar switch, driver side front (14018)



FEMALE

* with remote keyless entry
 ** without remote keyless entry

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	*765 (YE/BK)	Anti-theft, switch sense
	**759 (LG/YE)	Anti-theft, switch sense

Pin	Circuit	Circuit function
1	*761 (G/Y/RD)	switch sense
	**760 (P/K/LB)	switch sense
2	57 (BK)	Ground

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	*759 (LG/YE)	switch sense
	**760 (PK/LB)	switch sense

C820
(BK)

14A005
Door ajar switch,
passenger side
(rear (14018))

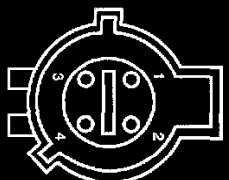


FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	760 (PK/LB)	switch sense

C3094
(BK)

14405
Fuel sender,
primary



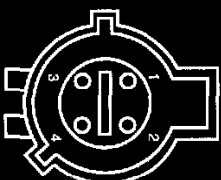
FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	675 (YE/LB)	Reference voltage
3	-	not used
4	396 (BK/OG)	Signal return

C3095 (BK)

14405

Fuel sender,
secondary



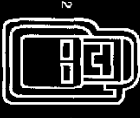
FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	673 (DB/YE)	Reference voltage
3	-	not used
4	396 (BK/OG)	Signal return

C1080 (BK)

9F759

Water-in-fuel sensor



FEMALE

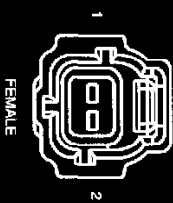
Pin	Circuit	Circuit function
1	643 (RD)	Reference voltage
2	359 (GY/RD)	Signal return

C1236 (GY)

9D930

12B637

Manifold Air
Temperature
(MAT) sensor

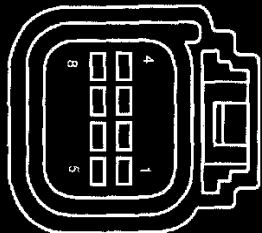


Pin	Circuit	Circuit function
1	359 (GY/RD)	Signal return
2	42 (RD/WH)	signal from Powertrain Control Module (PCM) (12A650) -

C500 (BK)

14A631

Key pad switch
assembly

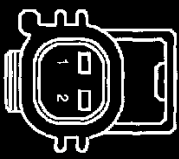


Pin	Circuit	Circuit function
1	78 (LB/YE)	Key pad, Circuit A
2	1013 (BN/LG)	Illumination
3	79 (LG/RD)	Key pad, Circuit B
4	-	not used
5	57 (BK)	Ground
6	124 (BN)	Key pad common
7	121 (YE/BK)	Key pad, Circuit C
8	-	not used

C109 (BK)

12B637

Knock sensor
(12A689)



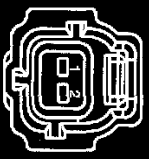
MALE

Pin	Circuit	Circuit function
1	311 (DG/VT)	Sensor signal return (reference/ground)
2	310 (YE/RD)	Sensor signal

C1063 (BK)

12A581

EVAP canister vent
control solenoid



FEMALE

California

Pin	Circuit	Circuit function
1	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
2	91 (VT/W-H)	Switched ground

C452
(WH)

14405 Excursion
13412 Pickup
License plate
lamp, left



FEMALE

Pin	Circuit	Circuit function
1	14 (BN)	lamp feed
2	57 (BK)	Ground

C462
(WH)

14405 Excursion
13412 Pickup
License plate
lamp, right



FEMALE

Pin	Circuit	Circuit function
1	14 (BN)	lamp feed
2	57 (BK)	Ground

C4046
13412

(BK)
License plate lamp (13550)

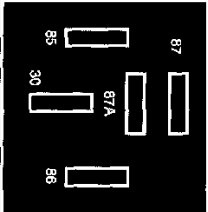


MALE

Pin	Circuit	Circuit function
1	14 (BN)	not used

C2160

PCM power relay



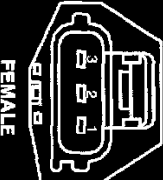
FEMALE

Pin	Circuit	Circuit function
30	-	Voltage supplied at all times (not overload protected)
85	-	Ground
86	16 (RD/LG)	Voltage, Ignition switch in Start or Run (not overload protected)
87	-	PCM power relay, switched power, output
87A	-	not used

C1087 (BK)

12A581

Manifold Absolute Pressure (MAP) sensor



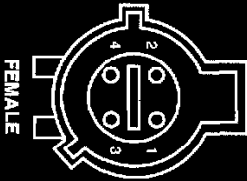
FEMALE

Pin	Circuit	Circuit function
1	351 (BN/WH)	Reference voltage
2	358 (LG/BK)	Manifold Absolute Pressure (MAP) sensor, to, Powertrain Control Module (PCM) (12A650)
3	359 (GY/RO)	Signal return

C438 (BK)

14405/13A409

Rear marker lamp assembly



FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	57 (BK)	Ground
3	-	not used
4	14 (BN)	lamp feed

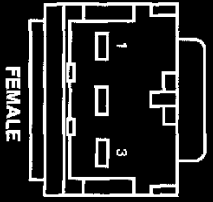
C970

(BK)

15A404

17C712

Road marker lamp, left



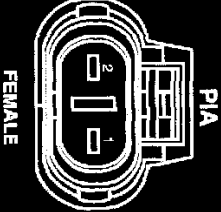
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	14 (BN)	Park lamp relay, switched output

C984

15B484

Road marker lamp, left



PIA
FEMALE

Lariat

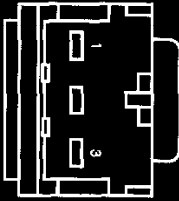
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output

C971 (BK)

15A404

17C712

Roof marker
lamp, left center



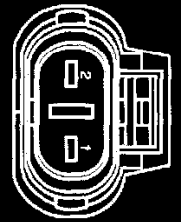
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	14 (BN)	Park lamp relay, switched output

C985

15B484

Roof marker
lamp, left center



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output

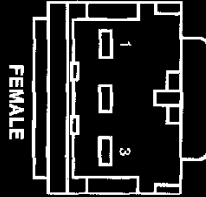
Lamp

C972 (BK)

15A404

17C712

Flood marker lamp, center

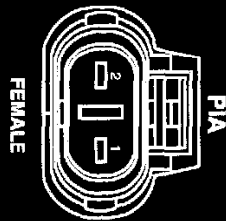


Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	14 (BN)	Park lamp relay, switched output

C986

15B484

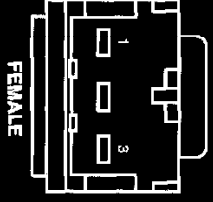
Flood marker lamp, center



Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output

C973
15A404
17C712

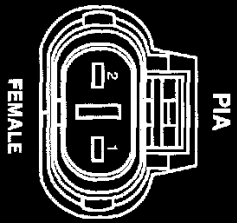
Road marker
lamp, right center



Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	-	not used
3	14 (BN)	Park lamp relay, switched output

C987
15B484

Road marker
lamp, right center



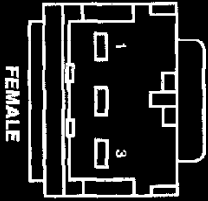
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output

C974 (BK)

15A404

17C712

Roof marker lamp, right



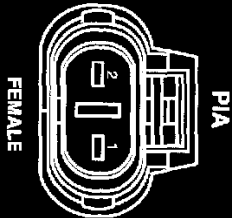
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	—	not used
3	14 (BN)	Park lamp relay, switched output

C988

15B484

Roof marker lamp, right



PIA

FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output

C1127
12A581

(BK)
Side lamp, left front (13411)

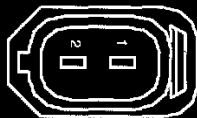


FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C1126
12A581

(BK)
Side lamp, right front (13411)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C4094
13A409

(BK)
Side lamp 1,
LH rear

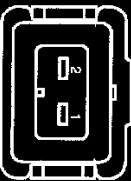


FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C4096
13A409

(BK)
Side lamp
1, RH rear

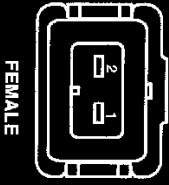


FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C4095
13A409

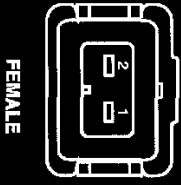
(BK)
Side lamp
2, LH rear



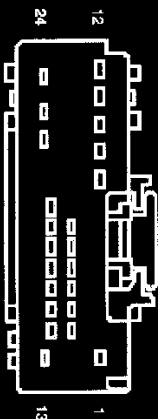
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C4097
13A409

(BK)
Side lamp
2, RH rear



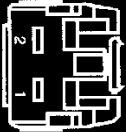
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps

C341a (GY)**14A699**Driver seat module
(14C708)**FEMALE**

Pin	Circuit	Circuit function
1	1469 (FD/LB)	Driver seat module (14C718), Front up/down circuit
2	–	not used
3	1467 (GY/YE)	Rear up/down circuit, Down
4	1468 (GY/LB)	Rear up/down circuit, Up
5	442 (LG/OG)	Driver memory seat horizontal sensor, monitor
6	443 (LG/RD)	Driver memory seat front height sensor, monitor
7	1463 (RD/YE)	Front up/down circuit, Up
8	–	not used
9	1474 (RD/LG)	Driver seat module (14C718), Rear up/down circuit
10	1489 (LB/BK)	Adjustable pedal motor (2C429), Forward – with memory

Pin	Circuit	Circuit function
11	1471 (RD/WH)	Driver seat module (14C718), Forward/rearward circuit
12	1490 (LB/OG)	Adjustable pedal motor (2C429), Rearward – with memory
13	447 (OG/RD)	Sensor, return
14	1465 (GY/WH)	Seat rearward, signal
15	1466 (GY/OG)	Seat Forward signal
16	1464 (YE)	Front up/down circuit, Down
17	444 (LG/BK)	Driver memory seat rear height sensor, monitor
18	–	not used
19	446 (OG/WH)	Sensor, feed Driver seat module (14C718), Forward/rearward circuit
20	–	not used
21	–	not used
22	1472 (YE/WH)	Driver seat module (14C718), Forward/rearward circuit
23	1473 (YE/LG)	Driver seat module (14C718), Rear up/down circuit
24	1470 (YE/LB)	Driver seat module (14C718), Front up/down circuit

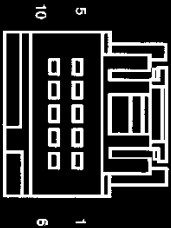
C341b (GY)
14A699
Driver seat module
(14C708)



FEMALE

Pin	Circuit	Circuit function
1	566 (DG)	Voltage supplied at all times (overload protected)
2	57 (BK)	Ground

C341c
14A005
Driver seat module
(14C708)



FEMALE

Pin	Circuit	Circuit function
1	109 (V7/MH)	Voltage supplied at all times (overload protected)
2	693 (CG)	UBP Diagnostics
3	268 (BK/OG)	Memory set switch (14776), position 2
4	267 (BN/LG)	Memory set switch (14776), position 1
5	270 (BN/OG)	Memory set switch (14776), position 3
6	676 (PK/OG)	logic ground
7	1491 (LB/YE)	Accelerator pedal position sensor monitor
8	1493 (PK/BK)	Adjustable pedal switch input
9	1492 (LB/RD)	Adjustable pedal switch input
10	272 (WH/OG)	Memory set switch (14776), Switch illumination

C911 (BK)

17C712

Electrochromatic
inside mirror unit
(17700)

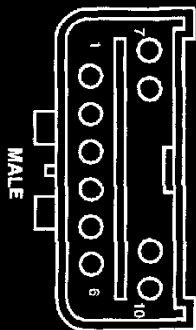


Pin	Circuit	Circuit function
1	295 (LB/PK)	Voltage in Run (overhead protected)
2	57 (BK)	Ground
3	140 (BK/PK)	Voltage supplied in reverse

C521 (GY)

14A005

Exterior rear view
mirror, driver side
(17682)

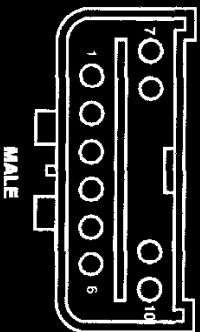


Pin	Circuit	Circuit function
1	540 (RD)	Right/Left mirror movement
2	542 (YE)	Mirror motor, feed
3	541 (DB)	Up/Down mirror movement
4	3 (LGM/H)	Turn signal
5	57 (BK)	Defrost , Turn signal, Ground
6	59 (DGM/T)	Rear window defrost relay, switched output
7	14 (BN)	Park lamp relay, switched output
8	-	not used
9	-	not used
10	-	not used

C601 (GY)

14A005

Exterior rear
view mirror,
passenger side
(17693)

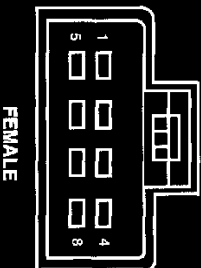


Pin	Circuit	Circuit function
1	543 (DG)	Right/Left mirror movement
2	542 (YE)	Mirror motor, lead
3	544 (VT)	Up/Down mirror movement
4	2 (WH/LB)	Turn signal
5	57 (BK)	Defrost , Turn signal Ground
6	59 (DG/VT)	Rear window defrost relay, switched output
7	14 (BN)	Park lamp relay, switched output
8	-	not used
9	-	not used
10	-	not used

C527 (WH)

14A005

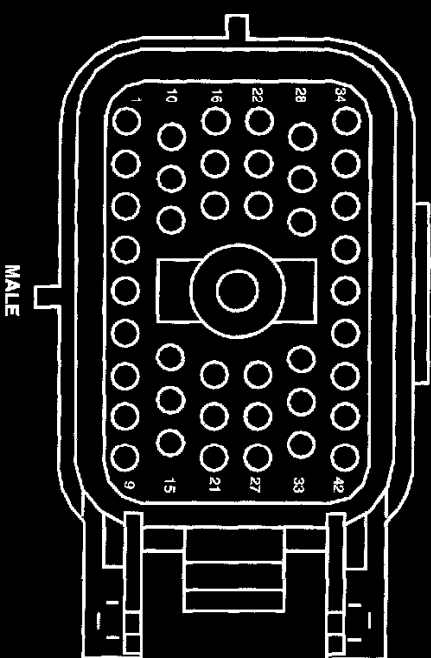
Exterior rear
view mirror
switch (173676)



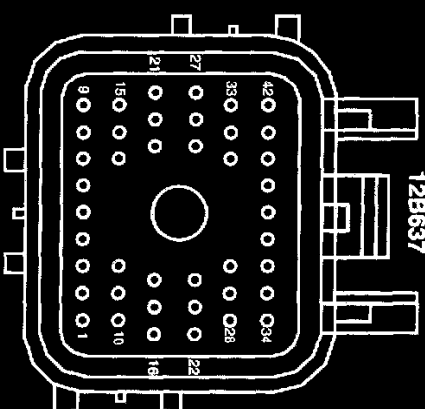
Pin	Circuit	Circuit function
1	956 (OG/LG)	Voltage supplied at all times (overload protected)
2	-	not used
3	543 (DG)	Right/Left mirror movement
4	540 (RD)	Right/Left mirror movement
5	57 (BK)	Ground
6	542 (YE)	Mirror motor, common
7	541 (DB)	Up/Down mirror movement
8	544 (VT)	Up/Down mirror movement

C110

(BK)

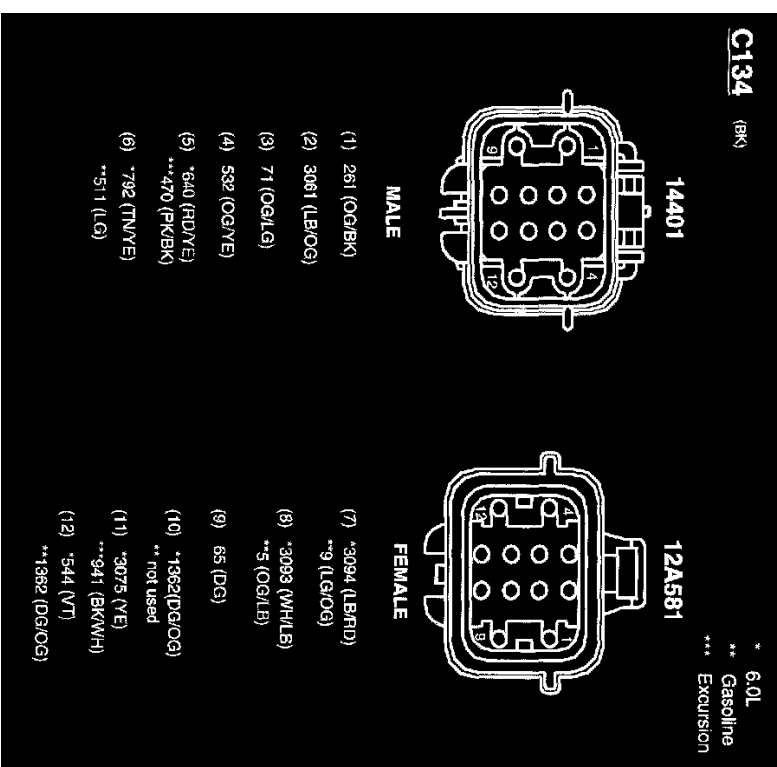
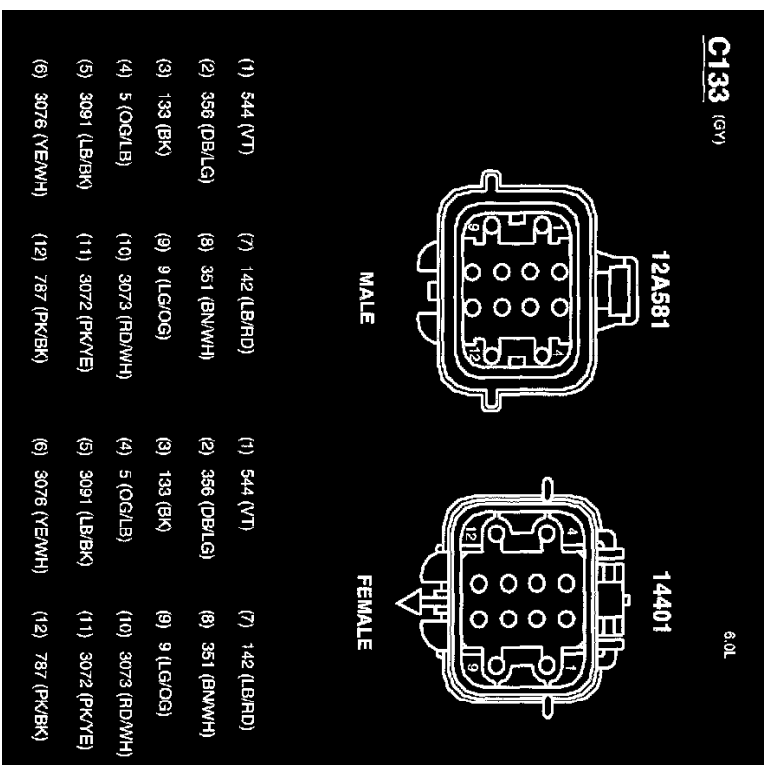
12A581**MALE**

(1) -	(15) 559 (TN/BK)	(29) 796 (LB)
(2) -	(16) -	(30) *352 (BN/LG)
(3) 1100 (GY/BK)	(17) -	(31) -
(4) 1101 (GY/RD)	(18) 359 (GY/RD)	(32) 1028 (WH/PK)
(5) 1102 (YE/LG)	(19) 560 (LG/OG)	(33) 1027 (PK/LB)
(6) -	(20) 561 (TN/RD)	(34) 16 (RD/LG)
(7) 555 (TN)	(21) 562 (LB)	(35) 48 (BK)
(8) 556 (WH)	(22) 350 (GY)	(36) 310 (YE/RD)
(9) 361 (RD)	(23) 795 (DG)	(37) 311 (DG/VT)
(10) -	(24) -	(38) *360 (BN/PK)
(11) 355 (GY/WH)	(25) 31 (WH/RD)	(39) 264 (WH/LB)
(12) 351 (BN/WH)	(26) 1024 (LG/WH)	(40) -
(13) 557 (BN/YE)	(27) -	(41) 1026 (PK/WH)
(14) 558 (BN/LB)	(28) 349 (DB)	(42) 391 (RD/YE)

12B637**FEMALE**

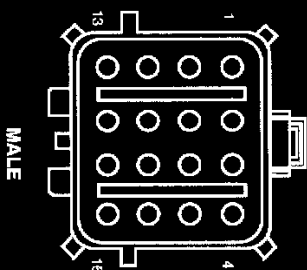
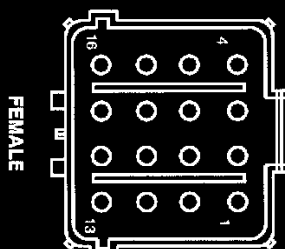
(1) -	(15) 558 (TN/BK)	(29) 796 (LB)
(2) -	(16) -	(30) *352 (BN/LG)
(3) **1100 (GY/BK)	(17) -	(31) -
(4) **1101 (GY/RD)	(18) 359 (GY/RD)	(32) 1028 (WH/PK)
(5) 1102 (YE/LG)	(19) 560 (LG/OG)	(33) 1027 (PK/LB)
(6) -	(20) 561 (TN/RD)	(34) 16 (RD/LG)
(7) 555 (TN)	(21) 562 (LB)	(35) 48 (BK)
(8) 556 (WH)	(22) 350 (GY)	(36) +310 (YE/RD)
(9) 361 (RD)	(23) 795 (DG)	++57 (BK)
(10) -	(24) -	(37) +311 (DG/VT)
(11) 355 (GY/WH)	(25) 31 (WH/RD)	++57 (BK)
(12) 351 (BN/WH)	(26) 1024 (LG/WH)	(38) *360 (BN/PK)
(13) 557 (BN/YE)	(27) -	(39) 264 (WH/LB)
(14) 558 (BN/LB)	(28) 349 (DB)	(40) -
		(41) 1026 (PK/WH)
		(42) 391 (RD/YE)

Gasoline
 *California
 **6.8L
 +6.8L early production
 ++6.8L late production

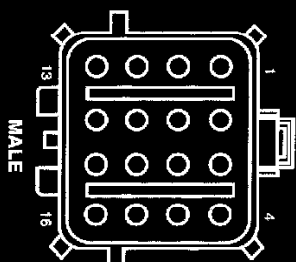
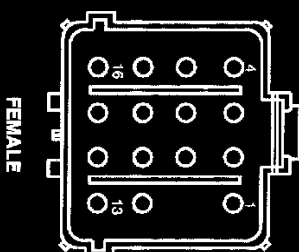


C140 (GV)

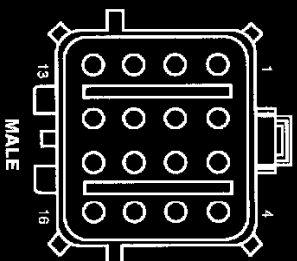
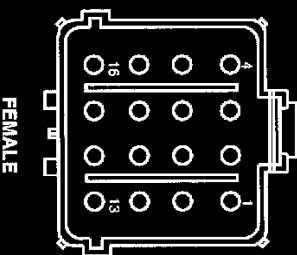
California

12A581**14405**

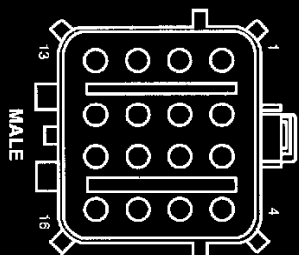
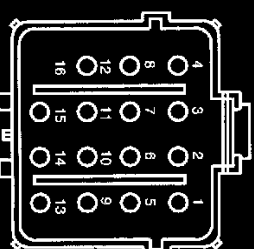
(1) 5 (G/LB)	(6) 64 (DG)	(11) *392 (RD/LG)
(2) 9 (LG/OG)	(7) *369 (GY/RD)	(12) *791 (RD/PK)
(3) *389 (WH/BK)	(8) *351 (BN/WH)	(13) 519 (LG/BK)
(4) 511 (LG)	(9) 14 (BN)	(14) 523 (RD/PK)
(5) 52 (YE)	(10) 140 (BK/PK)	(15) *391 (RD/YE)
		(16) -

C144 (GV)**12A581****14401**

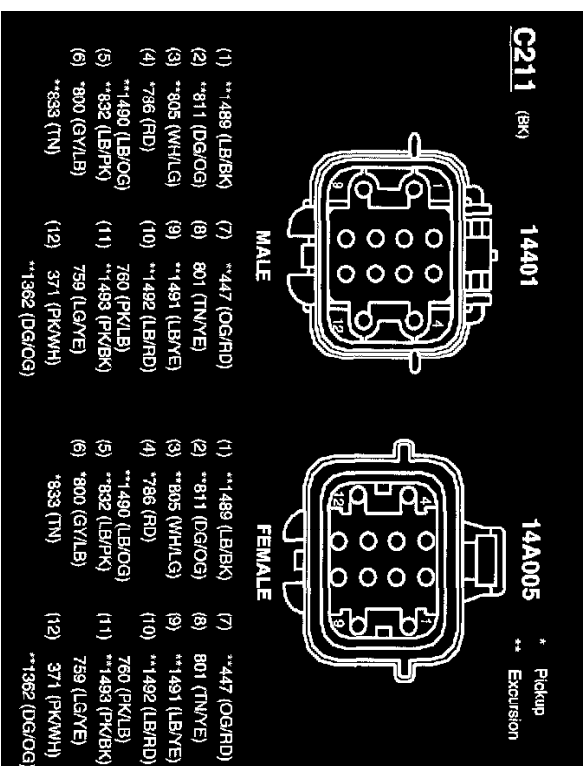
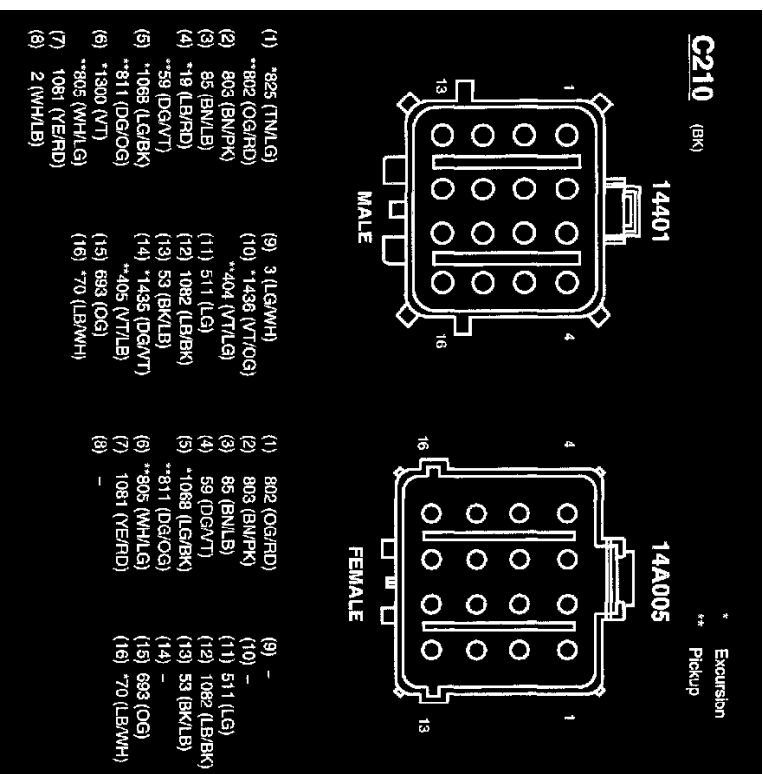
(1) 911 (WH/LG)	(6) -	(11) -
(2) -	(7) -	(12) -
(3) -	(8) -	(13) 224 (TN/WH)
(4) -	(9) 418 (DG/YE)	(14) 145 (GY/BK)
(5) 16 (RD/LG)	(10) 140 (BK/PK)	(15) 162 (LG/RD)
		(16) -

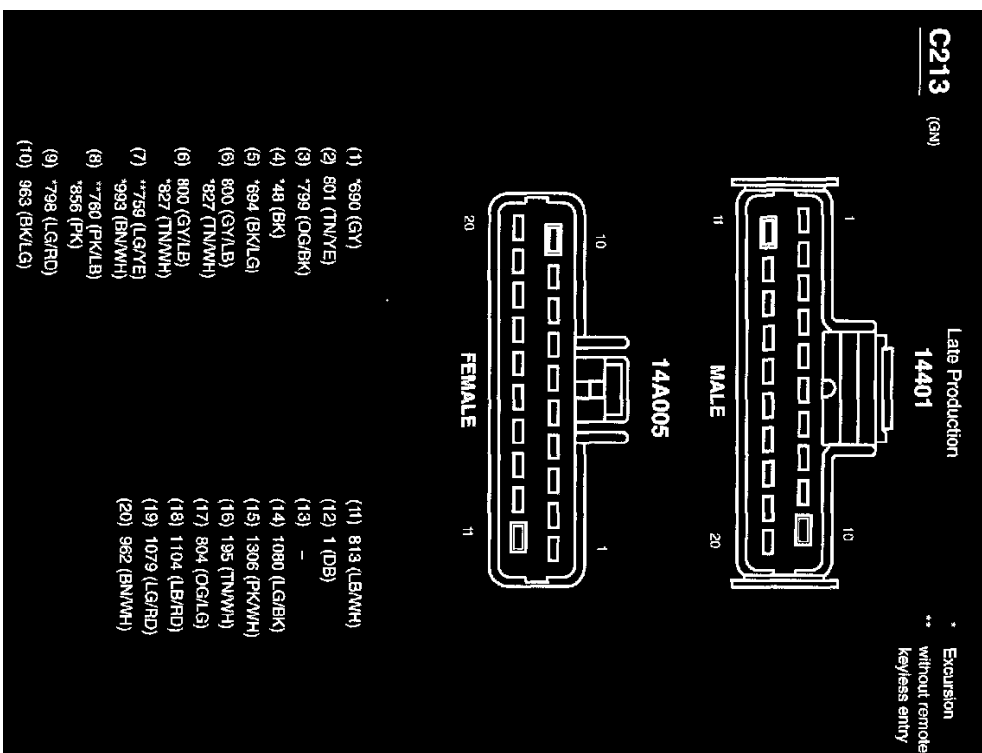
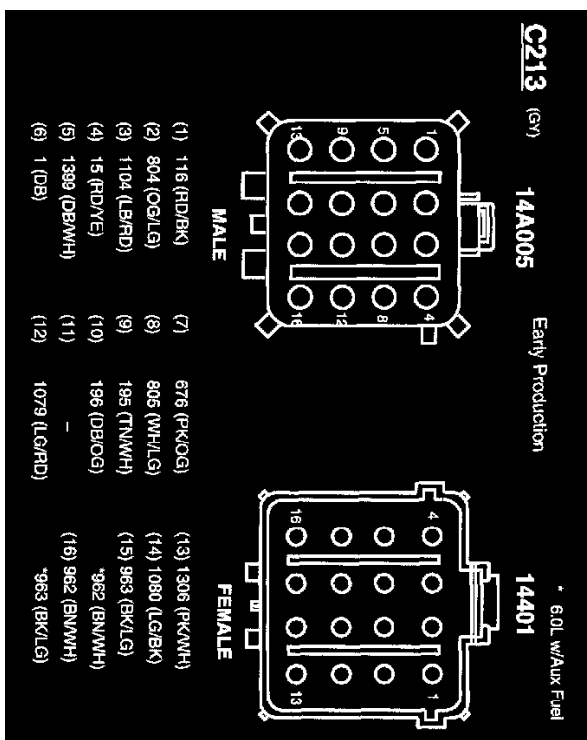
C145 (BK)* 6.0L Diesel
** others**14401****12A581**

(1) 603 (DG)	(8) 81 (YE/RD)	(13) *359 (GY/RD)
(2) 764 (LG/WH)	(9) 15 (RD/YE)	**848 (DG/OG)
(3) 589 (OG)	(10) *605 (RD)	(14) 915 (PK/LB)
(4) 210 (LB)	(11) *1308 (BN/OG)	(15) 914 (TN/OG)
(5) 140 (BK/PK)	**31 (W+RD)	(16) 203 (OG/LB)
(6) 570 (BK/WH)		
(7) 752 (YE/RD)		

C146 (GY)**14401*** With daytime running lamps
** without daytime running lamps**12A581**

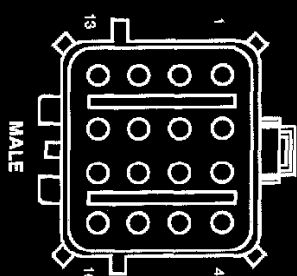
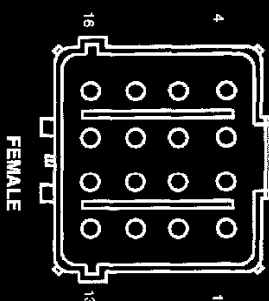
(1) 676 (PK/OG)	(7) 679 (GY/BK)	(13) 1002 (BK/PK)
(2) 348 (VT)	(8) 904 (LG/RD)	(14) 2 (WH/LB)
(3) 151 (LB/BK)	(9) 63 (RD)	(15) 58 (WH)
(4) 13 (RD/BK)	(10) 3 (LG/WH)	(16) 810 (RD/LG)
(5) 70 (LB/WH)	(11) 107 (VT)	
(6) 531 (DG/YE)	(12) 512 (TN/LG)	
-
(1) 676 (PK/OG)	(7) 679 (GY/BK)	(12) 512 (TN/LG)
(2) 348 (VT)	(8) 904 (LG/RD)	(13) 1002 (BK/PK)
(3) 151 (LB/BK)	(9) 63 (RD)	(14) 2 (WH/LB)
(4) *1033 (RD/YE)	(10) 3 (LG/WH)	(15) 58 (WH)
**13 (RD/BK)	(11) 107 (VT)	(16) 810 (RD/LG)
(5) 70 (LB/WH)		
(6) 531 (DG/YE)		





C214

(BK)

14401**14B079**

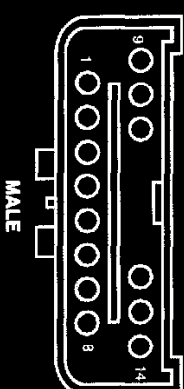
- (1) 829 (WH/VT)
 (2) 894 (BK/LG)
 (3) 1068 (LG/BK)
 (4) 19 (LB/RD)
 (5) 801 (TN/YE)
 (6) -

- (7) -
 (8) 1542 (RD)
 (9) 827 (TN/WH)
 (10) 802 (OG/RD)
 (11) 803 (BN/PK)

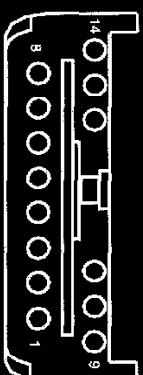
- (12) 825 (TN/LG)
 (13) 800 (GY/LB)
 (14) 57 (BK)
 (15) 833 (TN)
 (16) 832 (LB/PK)

C264

(BK)

14401

- (1) 285 (LB/PK)
 (2) 676 (PK/OG)
 (3) 3061 (LB/OG)
 (4) ***14 (BN)
 (5) ***57 (BK)
 (6) 789 (BN/WH)
 (7) **400 (LB/BK)
 (8) *140 (BK/PK)
 (9) 19 (LB/RD)
 (10) 71 (OG/LG)
 (11) 54 (LG/YE)
 (12) 679 (GY/BK)
 (13) 70 (LB/WH)
 (14) 29 (YE/WH)
 *not used
 **53 (BK/LB)
 *not used

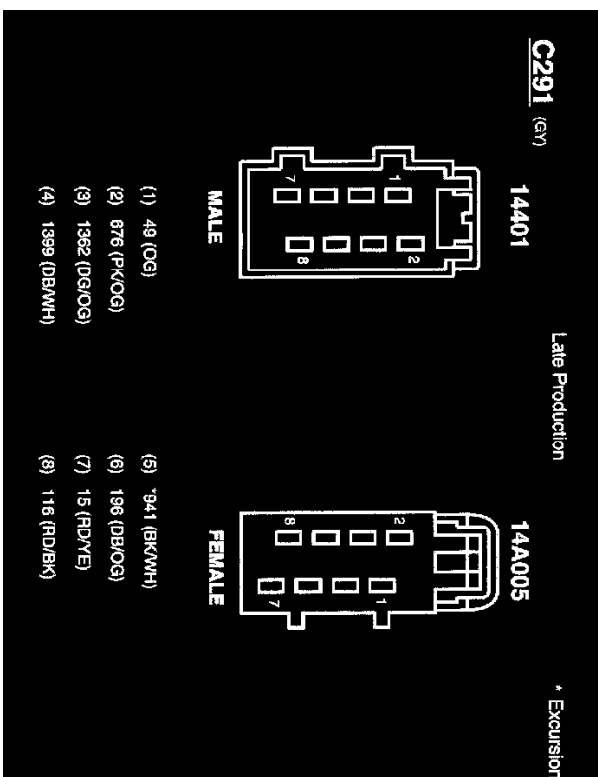
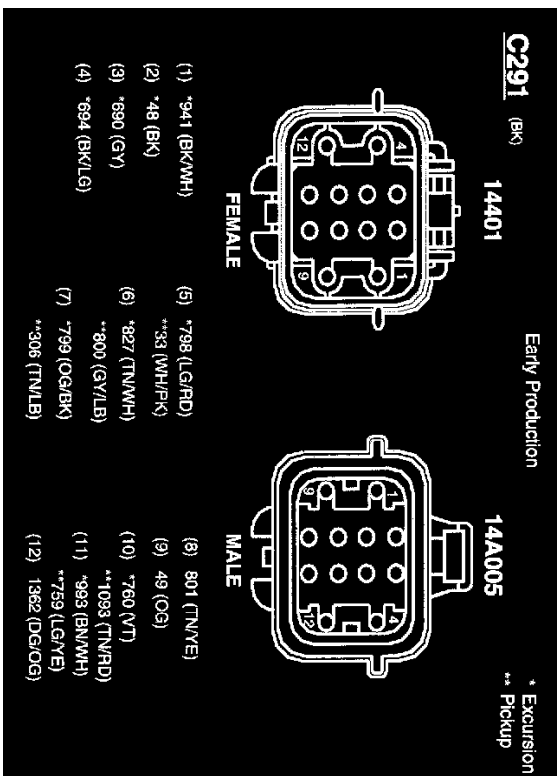
17C712/15A404

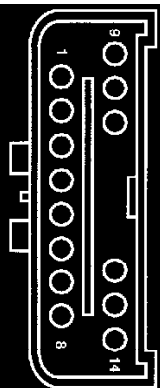
- (1) 285 (LB/PK)
 *** 640 (RD/YE)
 (2) 676 (PK/OG)
 (3) 3061 (LB/OG)
 (4) ***14 (BN)
 (5) 57 (BK)
 (6) 789 (BN/WH)
 *not used
 (7) *470 (PK/BK)
 **400 (LB/BK)
 (8) 140 (BK/PK)
 (9) 19 (LB/RD)
 (10) 71 (OG/LG)
 (11) 54 (LG/YE)
 (12) 679 (GY/BK)
 (13) 70 (LB/WH)
 (14) 29 (YE/WH)
 *not used

* Excursion

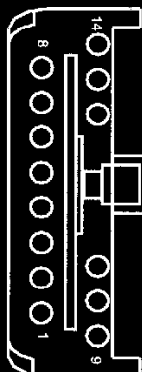
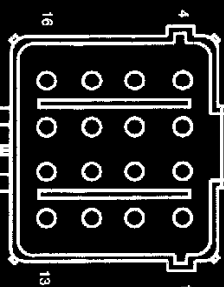
** Pickup

*** Pickup without power roof opening panel

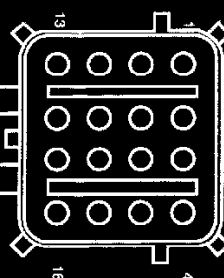


C300 (GY)**14401****MALE**

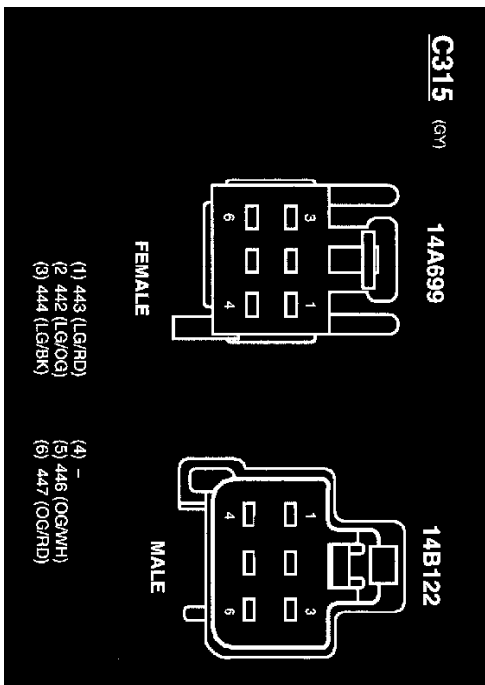
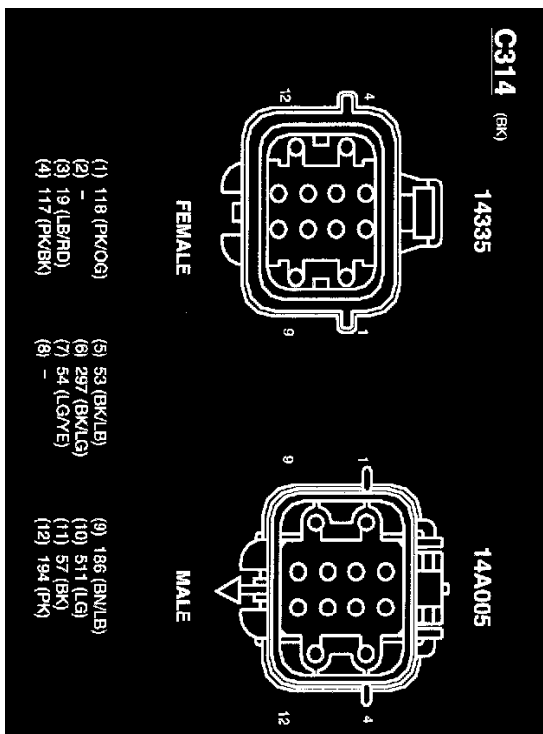
(1) 1441 (WH/LG)	(8) 1444 (DB/YE)
(2) 1442 (DG/MH)	(9) 1443 (WH/LB)
(3) 140 (BK/PK)	(10) 1436 (VT/OG)
(4) 1435 (DG/VT)	(11) 1440 (DG/YE)
(5) 70 (LB/MH)	(12) 1439 (BN/PK)
(6) 57 (BK)	(13) -
(7) 295 (LB/PK)	(14) -

15K867**FEMALE****C313** (GY)**14335****FEMALE**

(1) 941 (BK/MH)	(7) 23 (TN/LG)
(2) 993 (BN/MH)	(8) 48 (BK)
(3) 1300 (VT)	(9) 406 (BN/MH)
(4) 829 (WH/VT)	(10) 798 (LG/RD)
(5) 1068 (LG/BK)	(11) 690 (GY)
(6) 694 (BK/LG)	

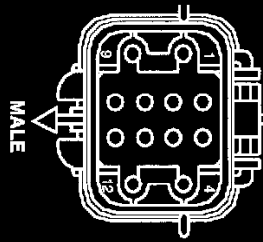
14A005**MALE**

- | |
|------------------|
| (13) 832 (LB/PK) |
| (14) 833 (TN) |
| (15) 856 (VT) |
| (16) 799 (OG/BK) |



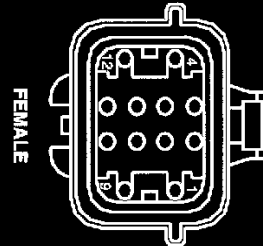
C316

(BK)

14A504

MALE

- (1) -
- (2) 756 (RD/PK)
- (3) 751 (DB/WH)
- (4) 1121 (DG/YE)
- (5) 288 (LB/OG)
- (6) 515 (OG/RD)

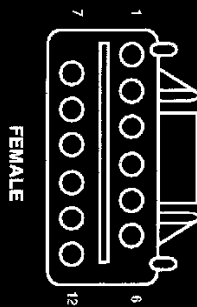
14335

FEMALE

- (7) 1130 (PK/LG)
- (8) 1129 (BN/WH)
- (9) -
- (10) 1128 (GY/LB)
- (11) 1127 (YE)
- (12) -

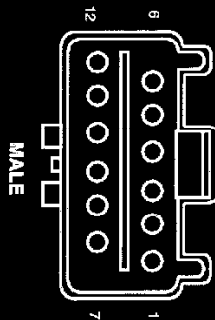
C327

(GY)

14A005

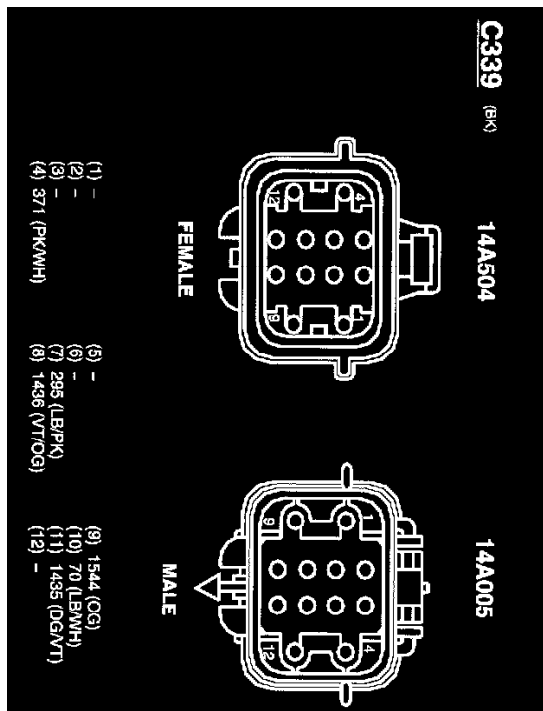
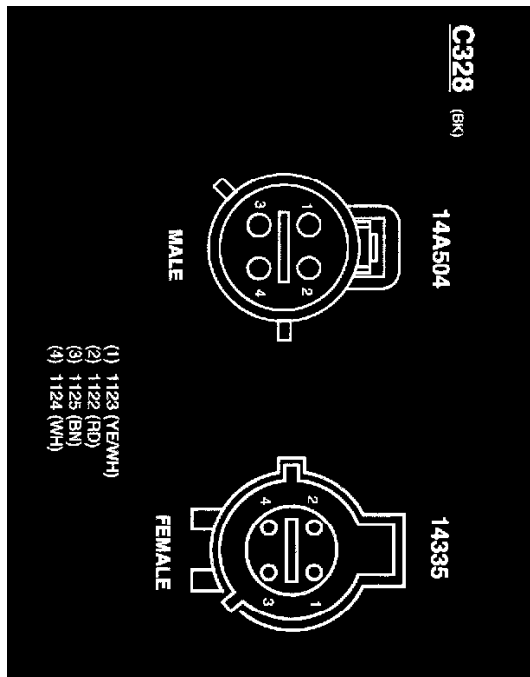
FEMALE

- (1) 956 (OG/LG)
- (2) 295 (LB/PK)
- (3) 1490 (LB/OG)
- (4) 57 (BK)
- (5) 447 (OG/RD)
- (6) 85 (BN/LB)

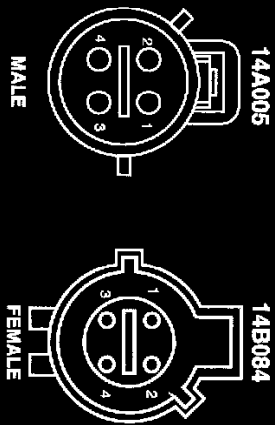
14A699

MALE

- (7) 676 (PK/OG)
- (8) 1153 (RD/BK)
- (9) 566 (DG)
- (10) 1255 (WH/RD)
- (11) 445 (OG/WH)
- (12) 1489 (LB/BK)

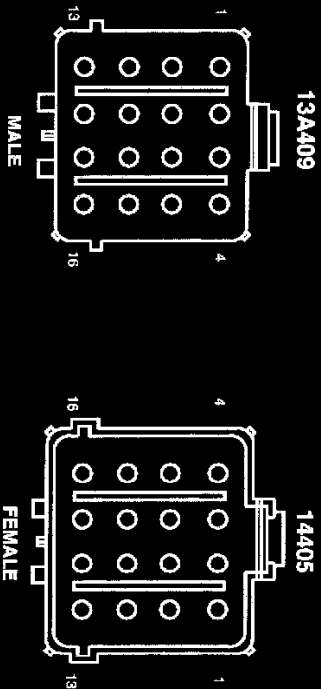


C340 (GY)



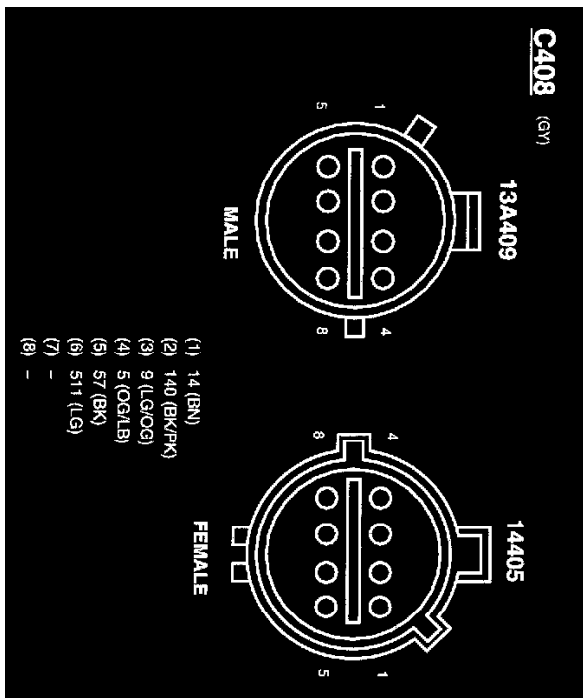
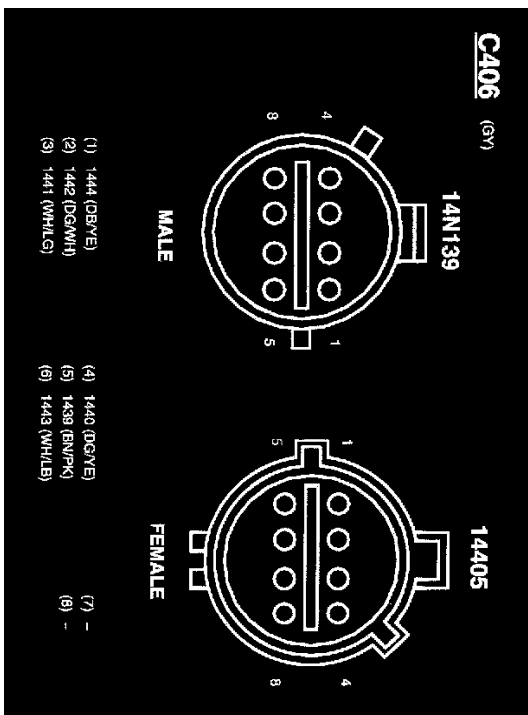
- (1) -
- (2) 12S5 (M/H/RD)
- (3) 57 (BK)
- (4) 51 (BK/WH)

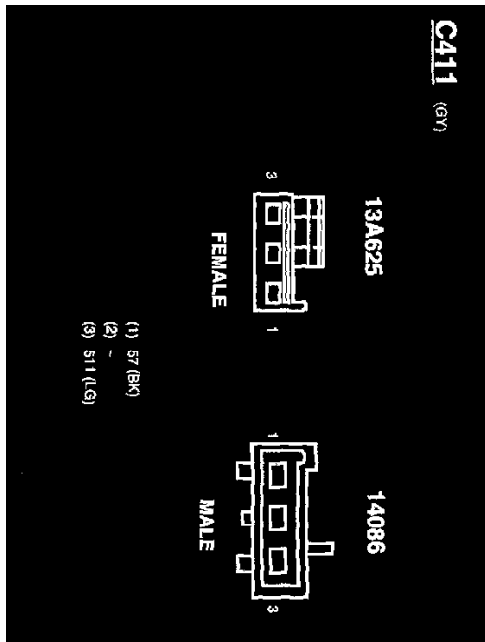
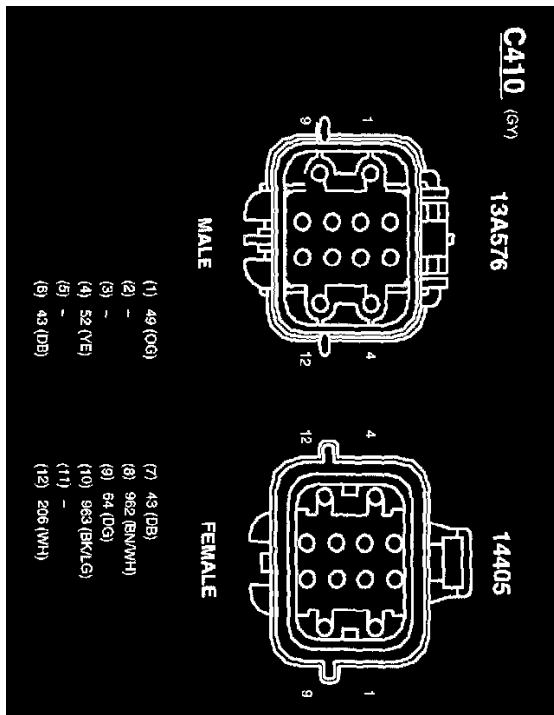
C405 (BK)

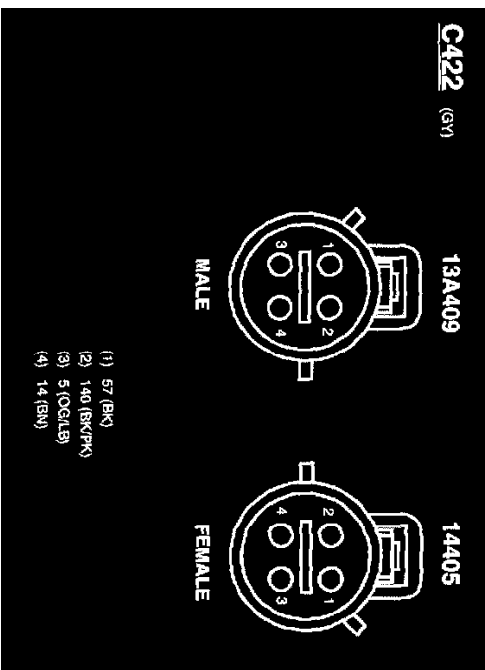
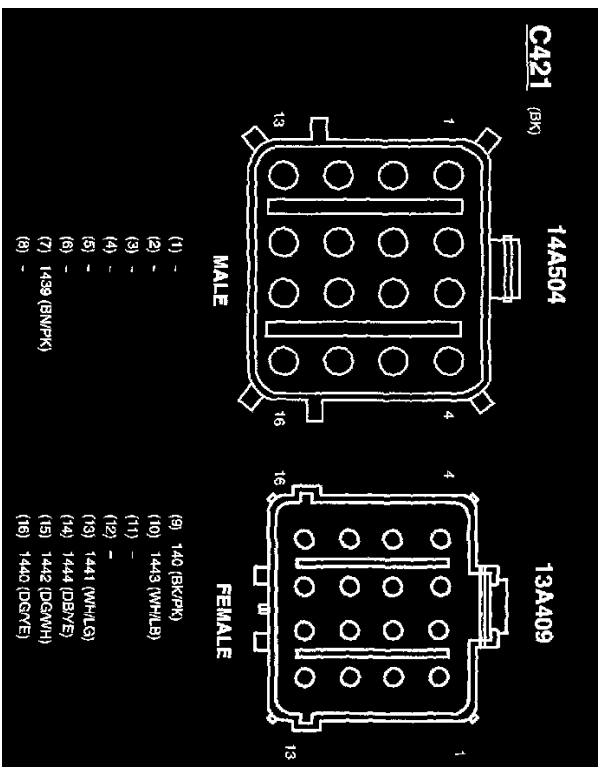


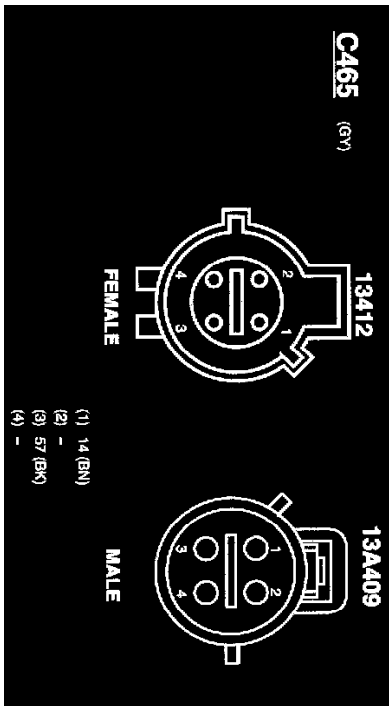
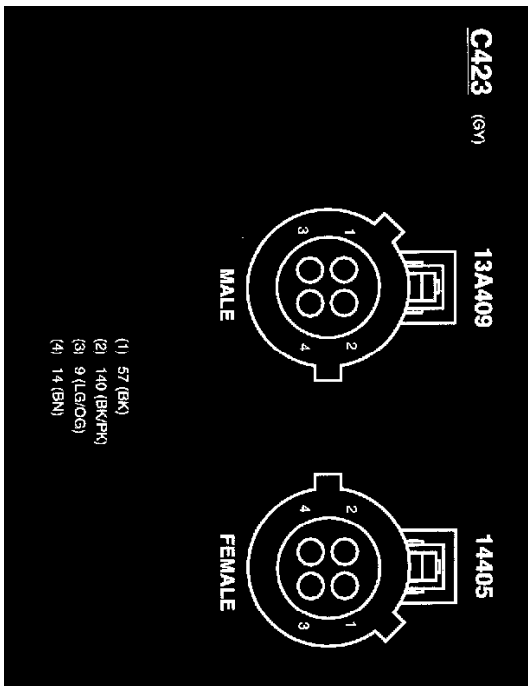
- (1) 14 (BN)
- (2) 140 (BK/PK)
- (3) 9 (LG/OG)
- (4) 57 (BK)
- (5) -
- (6) 1443 (WH/LB)
- (7) 1439 (BN/PK)
- (8) 1442 (DG/WH)
- (9) 1442 (DG/WH)
- (10) -
- (11) 1440 (DG/YE)
- (12) -
- (13) -
- (14) 1444 (DB/YE)
- (15) 1441 (WH/LG)
- (16) 5 (OG/LB)

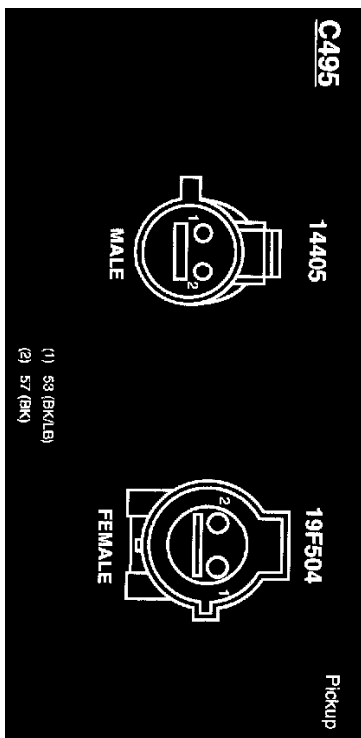
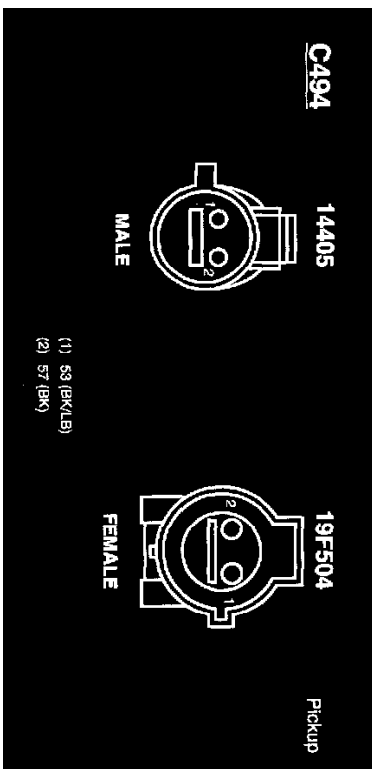
- (1) 14 (BN)
- (2) 140 (BK/PK)
- (3) 9 (LG/OG)
- (4) 57 (BK)
- (5) -
- (6) 1443 (WH/LB)
- (7) 1439 (BN/PK)
- (8) -
- (9) 1442 (DG/WH)
- (10) -
- (11) 1440 (DG/YE)
- (12) -
- (13) -
- (14) 1444 (DB/YE)
- (15) 1441 (WH/LG)
- (16) 5 (OG/LB)





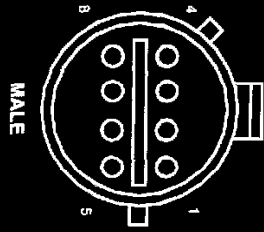






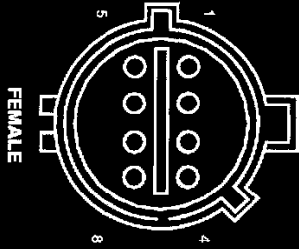
C510 (GR)

14A631



- (1) 78 (LG/RD)
- (2) 78 (LB/YE)
- (3) 57 (BK)
- (4) 121 (Y/BK)
- (5) 124 (BN)
- (6) 1019 (BN/LG)
- (7) -
- (8) -

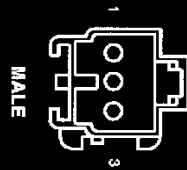
14A005



- (1) 122 (YE)
- (2) 121 (Y/BK)
- (3) 57 (BK)
- (4) 123 (RD)
- (5) 124 (BN)
- (6) 66 (LB)
- (7) -
- (8) -

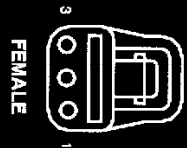
C913 (BK)

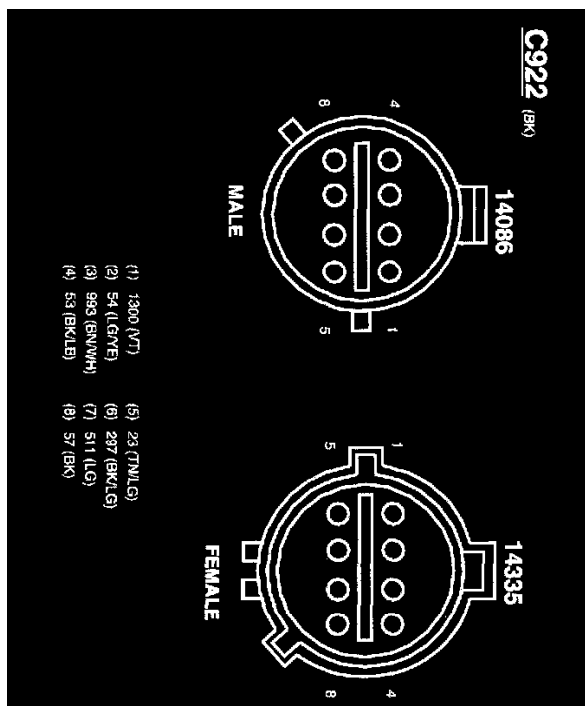
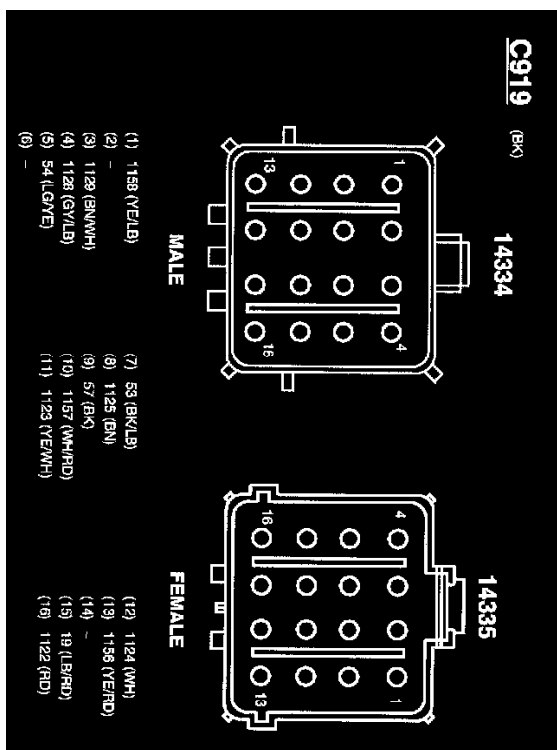
14A005

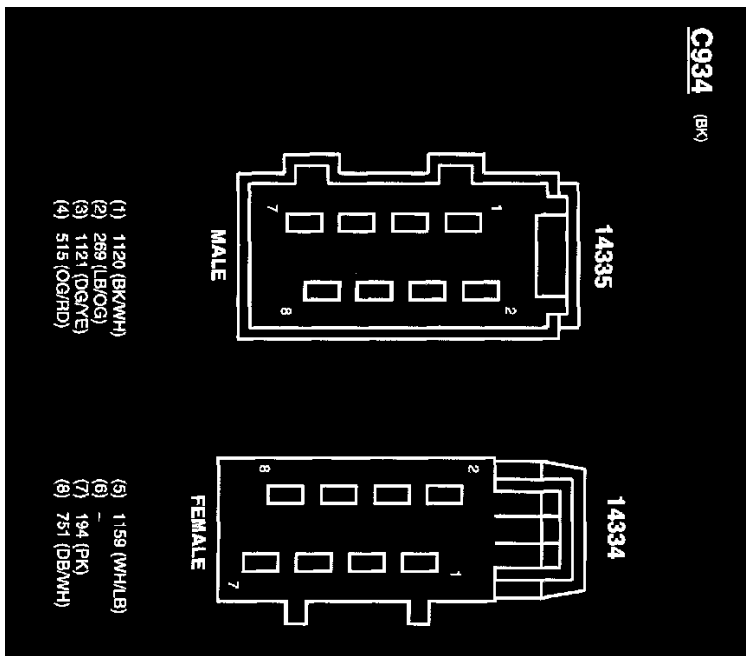
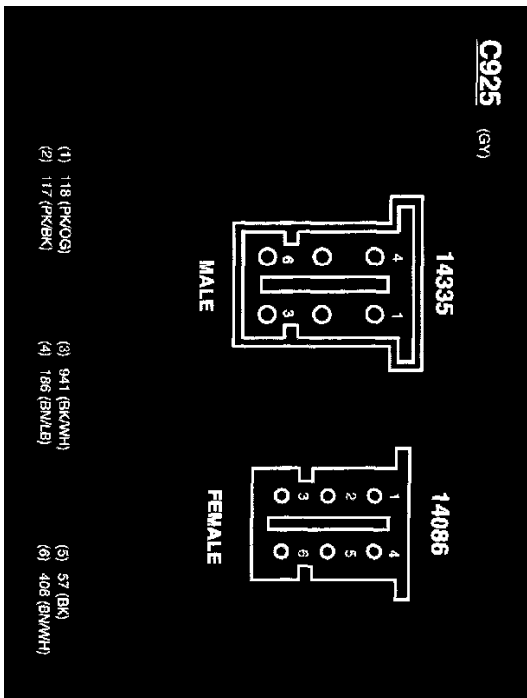


- (1) 54 (LG/YE)
- (2) 57 (BK)
- (3) 53 (BK/LB)

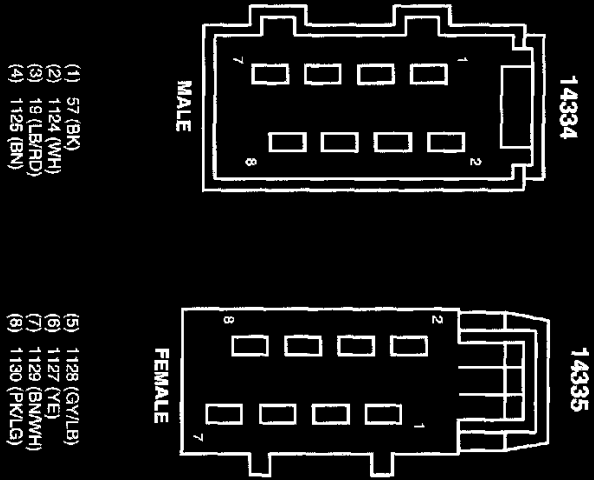
14A005/PLUG



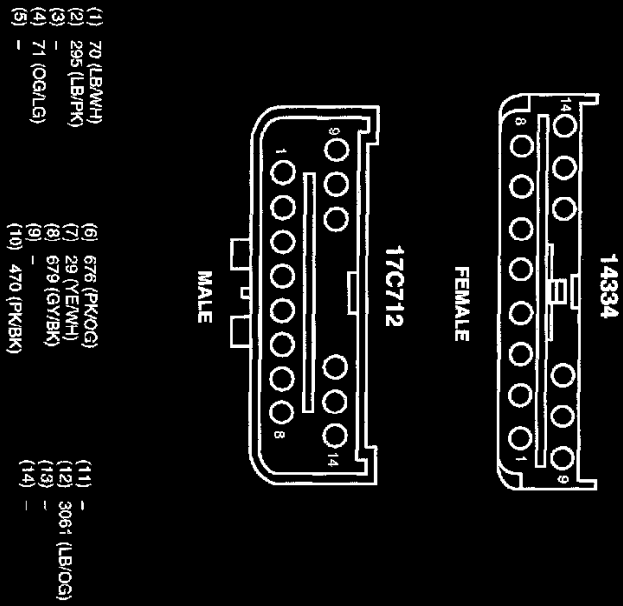




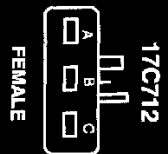
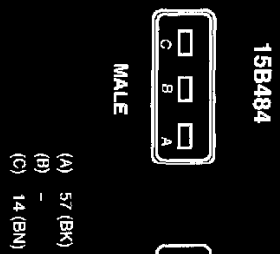
C935 (BK)



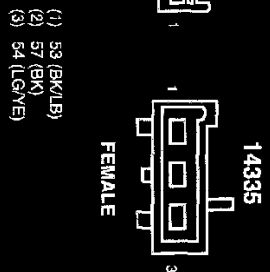
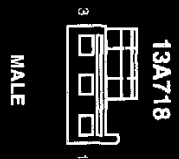
C936 (GY)

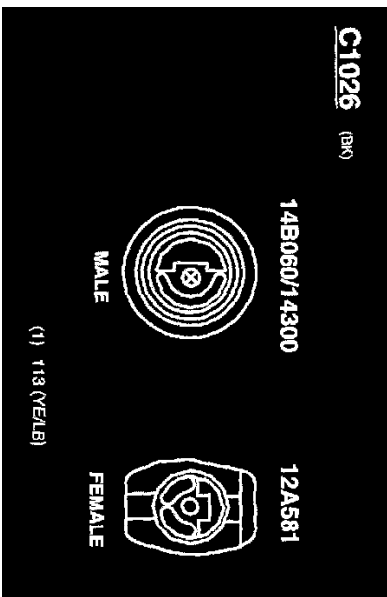
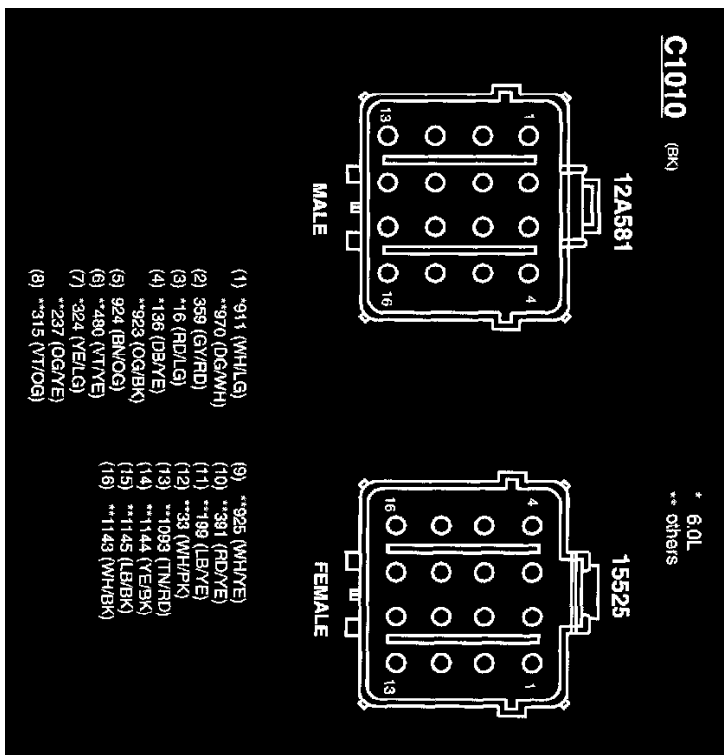


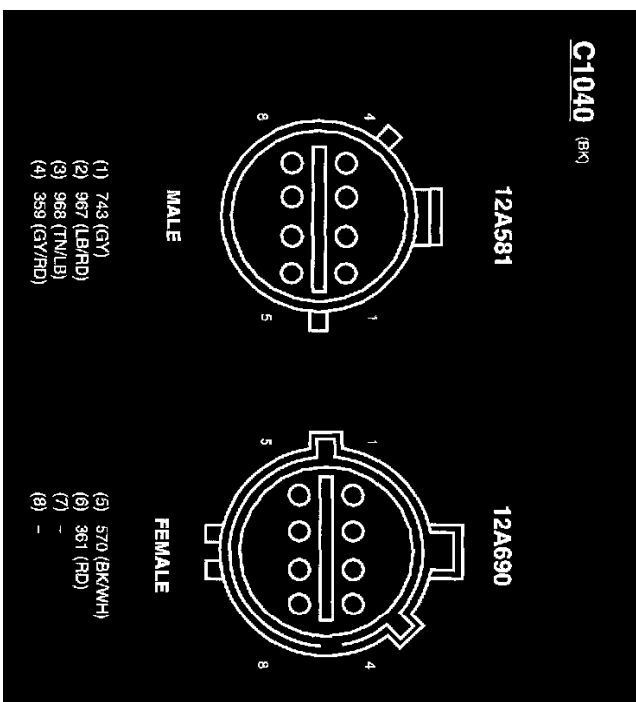
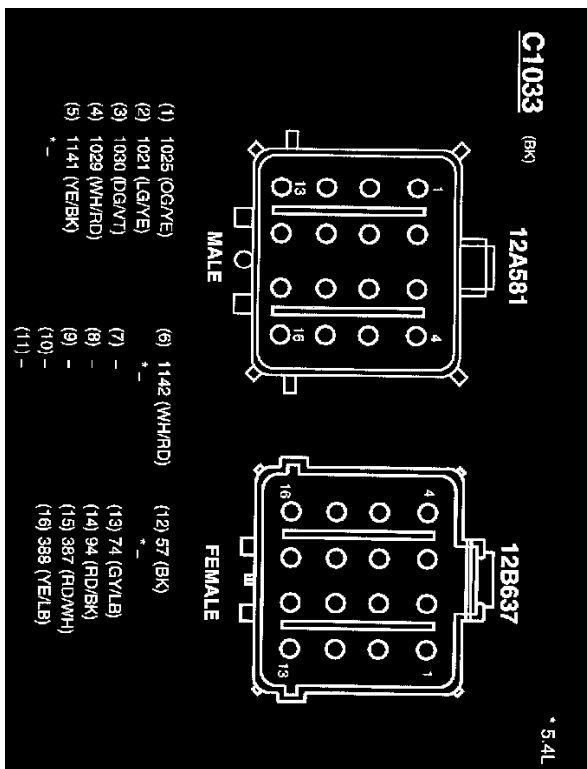
C983



C991

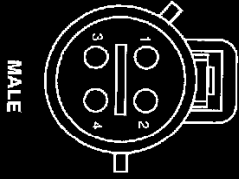




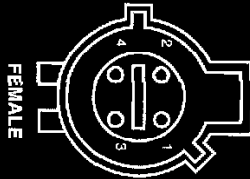


C1045 (GY)

15A211



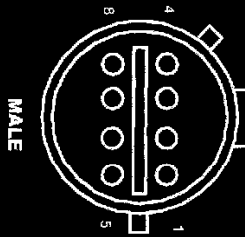
12A581



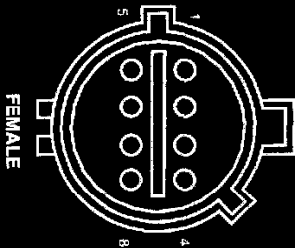
- (1) 487 (TN/G)
- (2) -
- (3) 57 (BK)
- (4) -

C1046 (GY)

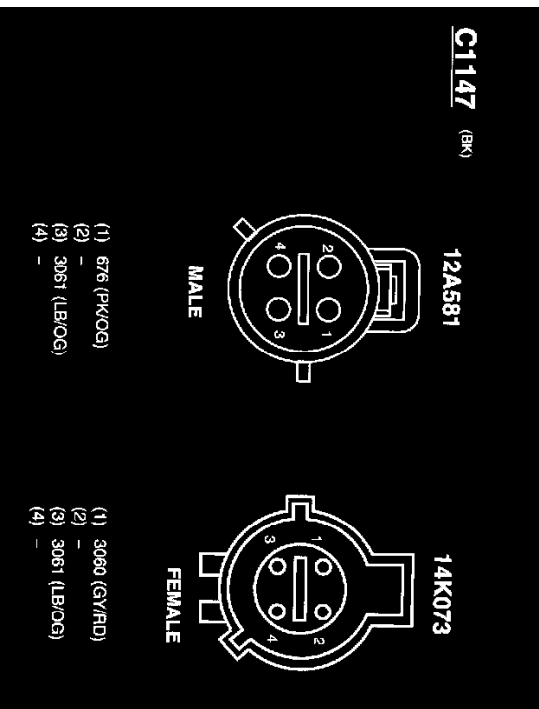
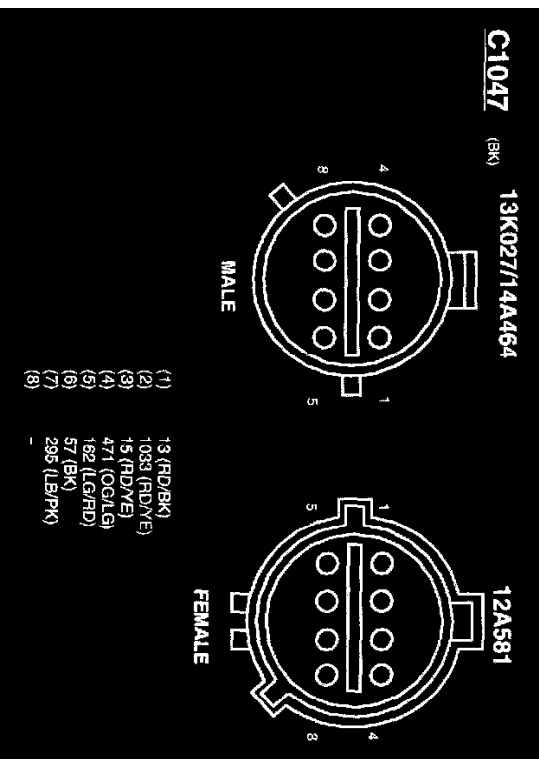
14305



12A581

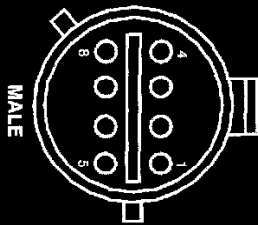


- (1) -
- (2) 321 (GY/MH)
- (3) 348 (VT)
- (4) 904 (LGRD)
- (5) -
- (6) 57 (BK)
- (7) 439 (TNLG)
- (8) -

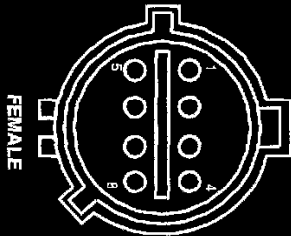


C1148 (BK)

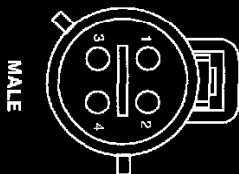
* 6.0L Diesel
** Excursion

14305

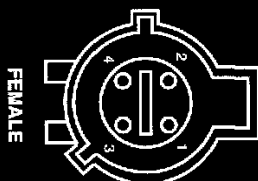
- (1) *1183 (WH/YE)
- (2) **904 (LG/RD)
- (3) **1183 (WH/YE)
- (4) 1183 (WH/YE)
- (5) 1185 (YE)
- (6) 904 (LG/RD)
- (7) -
- (8) -

12A581

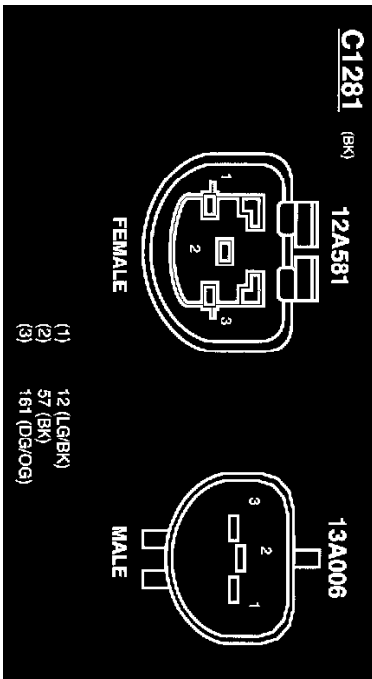
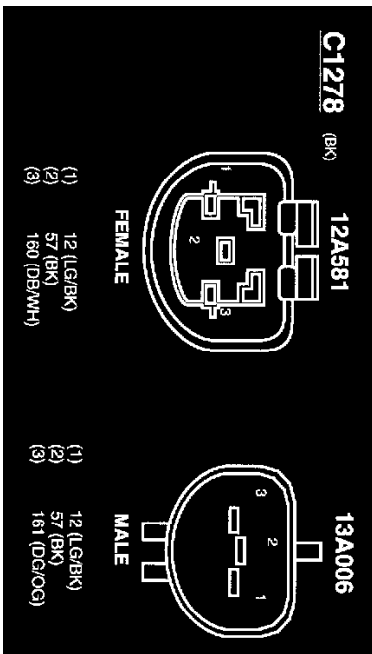
- (1) *1156 (YE/BK)
- (2) 904 (LG/RD)
- (3) **440 (TN/LG)
- (4) **347 (BK/YE)
- (5) 1183 (WH/YE)
- (6) 1185 (YE)
- (7) **904 (LG/RD)
- (8) **3090 (VT)

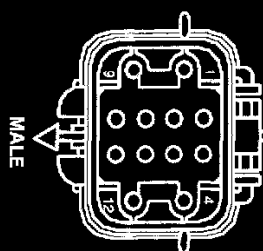
C1221 (BK)**14B102**

- (1) 1102 (YE/LG)
- (2) -
- (3) -
- (4) 359 (GV/RD)

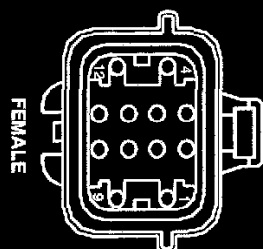
12B637

- (1) 1102 (YE/LG)
- (2) -
- (3) -
- (4) 359 (GV/RD)

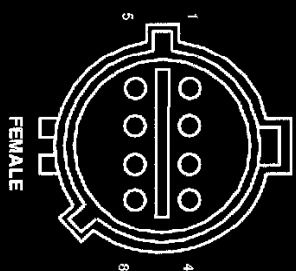


C1282 (BK)**12A581**

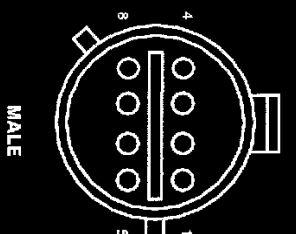
- (1) 574 (BK/PK)
- (2) 321 (GY/WH)
- (3) 466 (PK/OG)
- (4) -
- (5) -
- (6) 814 (WH/BK)
- (7) 57 (BK)
- (8) 3008 (RD/YE)
- (9) 1044 (WH/YE)
- (10) 361 (RD)
- (11) 1308 (BN/OG)
- (12) 876 (DG/LG)

12B637

- (1) 574 (BK/PK)
- (2) 321 (GY/WH)
- (3) 466 (PK/OG)
- (4) -
- (5) -
- (6) 814 (WH/BK)
- (7) 57 (BK)
- (8) 3008 (RD/YE)
- (9) 1717 (VT/OG)
- (10) 361 (RD)
- (11) 1308 (BN/OG)
- (12) 876 (DG/LG)

C1298 (BK)**12A581**

- (1) 361 (RD)
- (2) 440 (TN/LG)
- (3) 347 (BK/YE)
- (4) 1183 (WH/YE)
- (5) 1185 (YE)
- (6) 904 (LG/RD)
- (7) 441 (RD/YE)
- (8) 439 (TN/LG)

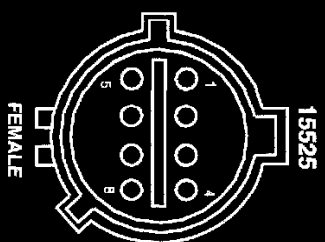
12B637

- (1) **1155 (YE/BK)
- (2) 440 (TN/LG)
- (3) 347 (BK/YE)
- (4) 1183 (WH/YE)
- (5) 1185 (YE)
- (6) 904 (LG/RD)
- (7) 441 (RD/YE)
- (8) 439 (TN/LG)

* Late production
 ** Early production

C1386

(BK)



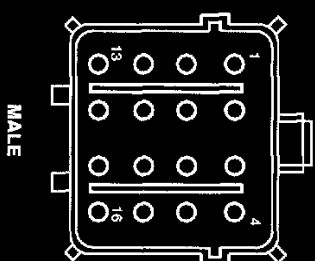
- (1) 57 (BK)
 (2) 787 (PK/BK)
 (3) 57 (BK)

- (4) 16 (RD/LG)
 (5) 359 (GY/RED)
 (6) 643 (RD)

- (7) -
 (8) -

C1393

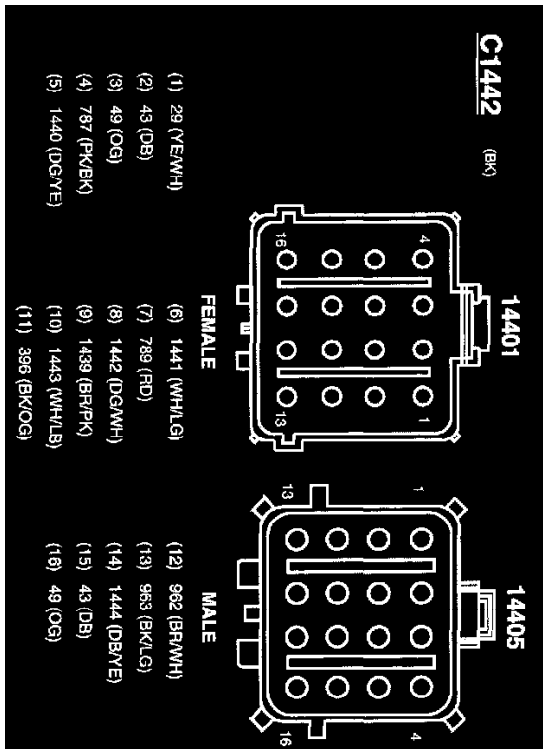
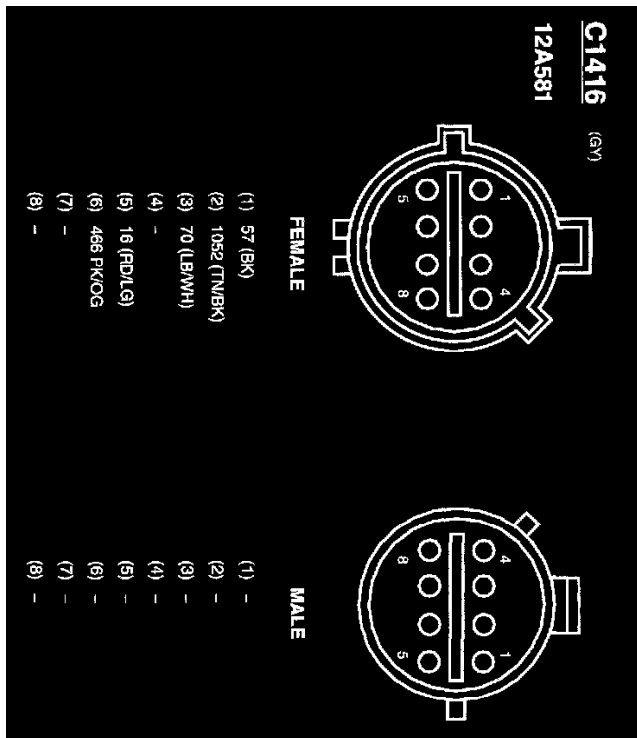
(GY)

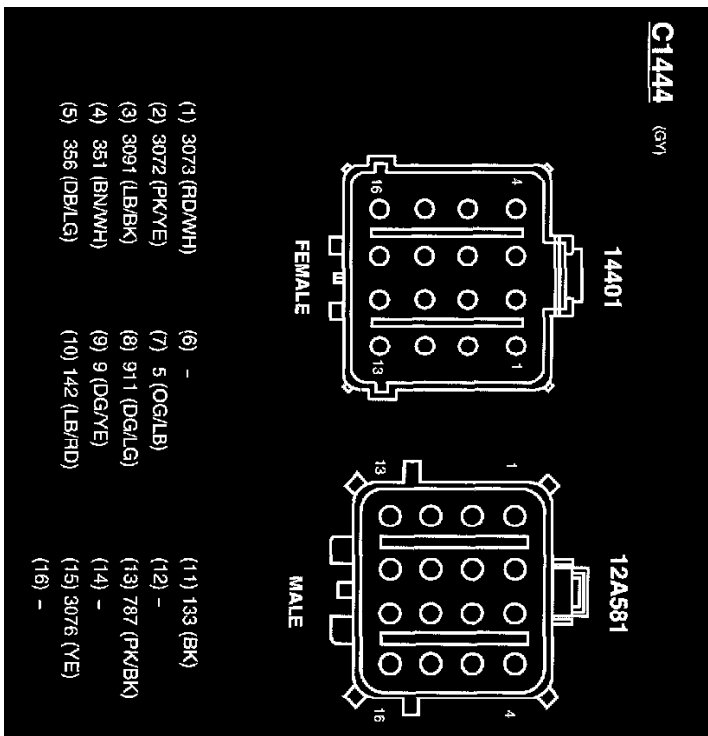
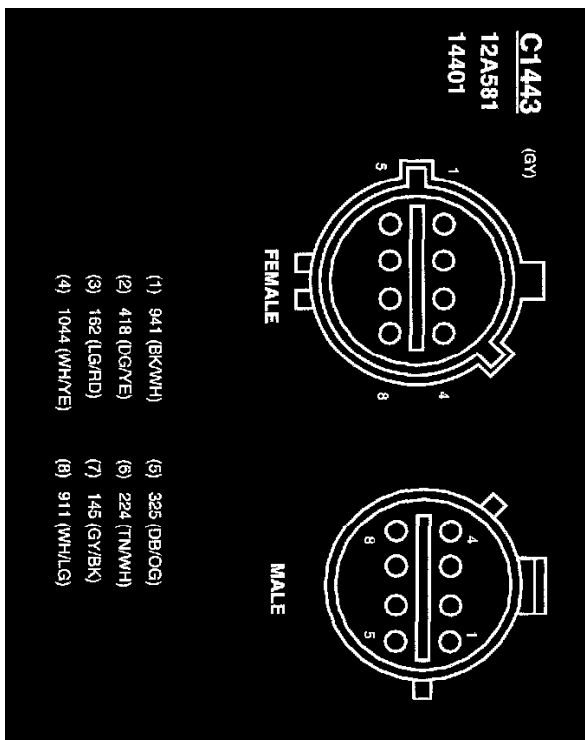
15525
14401

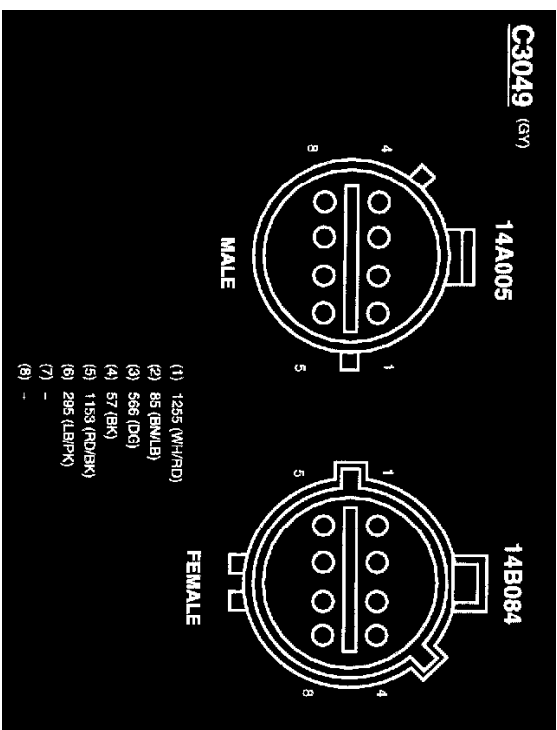
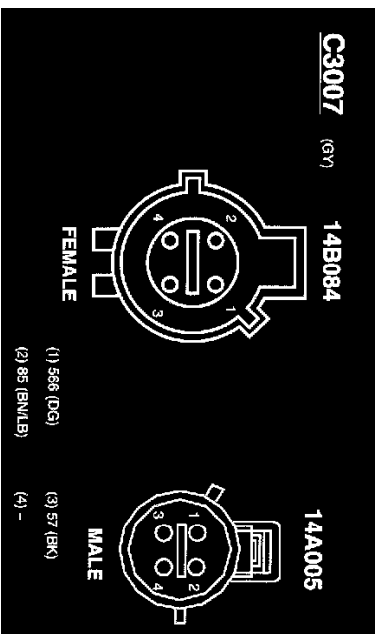
- (1) 787 (PK/BK)
 (2) 463 (RD/WH)
 (3) 771 (VT/YE)
 (4) 764 (BR/WH)
 (5) 140 (BK/PK)

- (6) 976 (OG)
 (7) 770 (WH)
 (8) 3659 (BK/PK)
 (9) 57 (BK)
 (10) 782 (BR/WH)
 (11) 781 (OG/LB)

- (12) 704 (DGLG)
 (13) 295 (FLB/PK)
 (14) 210 (LB)
 (15) 975 (BR/YE)
 (16) 763 (OG/WH)

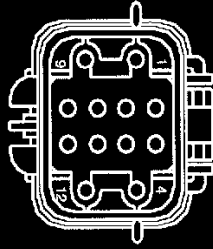






C4000 (BK)

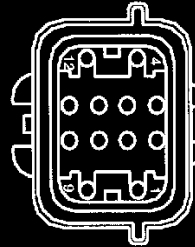
13A576



MALE

- (1) 49 (OG)
- (2) -
- (3) -
- (4) -
- (5) -
- (6) 43 (DB)
- (7) 43 (DB)
- (8) 962 (BN/WH)
- (9) -
- (10) 963 (BK/LG)
- (11) -
- (12) -

14405

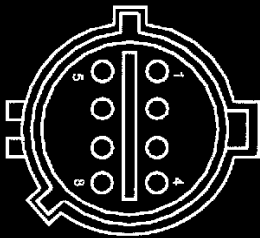


FEMALE

- (1) 49 (OG)
- (2) -
- (3) -
- (4) 52 (YE)
- (5) -
- (6) 43 (DB)
- (7) 43 (DB)
- (8) 962 (BN/WH)
- (9) 64 (DG)
- (10) 963 (BK/LG)
- (11) -
- (12) 206 (WH)

C4001 (BK)

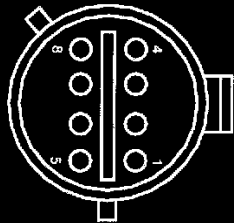
14405



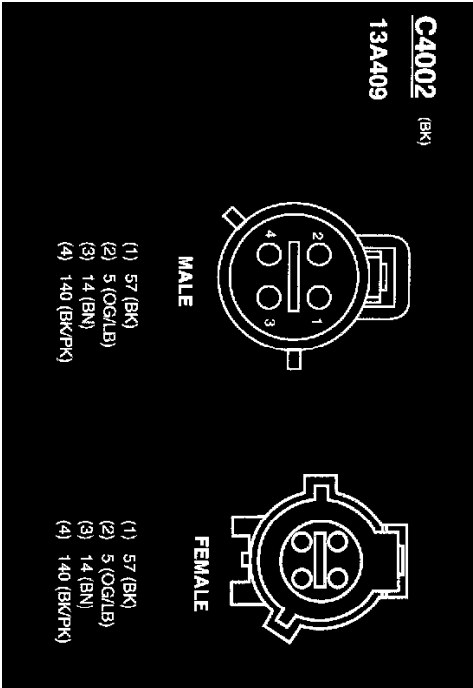
FEMALE

- (1) 1444 (DB/YE)
- (2) 1442 (DG/WH)
- (3) 1441 (WH/LG)
- (4) 1440 (DG/YE)
- (5) 1439 (BN/PK)
- (6) 1443 (WH/LB)
- (7) -
- (8) -

14N139



MALE

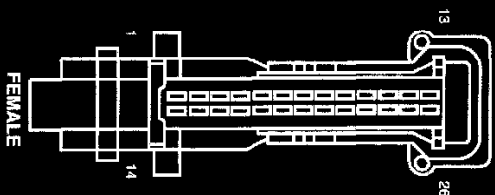


C167 (BK)
15525
Digital Transmission Range (DTR) sensor (7F293)

The diagram shows a rectangular connector with 12 pins. The pins are numbered 1 through 12. The connector is labeled 'FEMALE'.

Pin	Circuit	Circuit function
1	-	not used
2	359 (GY/RD)	Signal return
3	199 (LB/YE)	Digital Transmission Range (DTR) sensor TR3A
4	1144 (YE/BK)	Digital Transmission Range (DTR) sensor TR1
5	1145 (LB/BK)	Digital Transmission Range (DTR) sensor, TR2
6	1143 (WH/BK)	Digital Transmission Range (DTR) sensor TR4
7	3659 (BK/PK)	Encoder, ground return
8	463 (RD/WH)	Reference voltage
9	295 (LB/PK)	Voltage in Run (overload protected)
10	33 (WH/PK)	Voltage supplied in Start (overload protected)
11	140 (BK/PK)	Voltage supplied in reverse
12	1093 (TN/RD)	Power, Hot in Start with Park or Neutral

Pin	Circuit	Circuit function
1	359 (GY/BD)	Signal return
2	354 (LG/BD)	signal from Powertrain Control Module (PCM) (12A650)

C4014 (BK)**15K867****14A504**Parking Aid
Module (PAM)
(15K860)

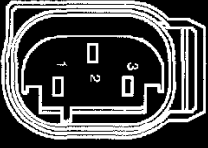
Pin	Circuit	Circuit function
1	295 (LB/PK)	Voltage in Run (overload protected)
2	-	not used
3	57 (BK)	Ground
4	-	not used
5	70 (LBWH)	ISO Bus
6	-	not used
7	1435 (DG/NT)	Parking aid disable switch (15A860), On/Off signal
8	-	not used
9	140 (BK/PK)	Trailer tow relay, reversing lamp, switched power
10	1442 (DG/WH)	Parking aid sensor, inner left (15K859) signal
11	1441 (WH/LG)	Parking aid sensor, outer left (15K859) signal
12	-	not used
13	-	not used
14	1437 (BK/PK)	Parking aid speaker -

Pin	Circuit	Circuit function
15	1439 (BN/PK)	Reference voltage
16	1440 (DG/YE)	Signal return
17	1438 (DG)	Parking aid speaker +
18	-	not used
19	1436 (VT/OG)	On/Off signal, Light emitting diode (LED), control
20	-	not used
21	-	not used
22	-	not used
23	1443 (WH/LB)	Parking aid sensor, inner right (15K859) signal
24	1444 (DB/YE)	Parking aid sensor, outer right (15K859) signal
25	-	not used
26	-	not used

C4009 (BK)

14N139

Parking aid sensor, outer left (15K859)



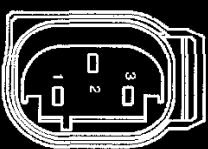
FEMALE

Pin	Circuit	Circuit function
1	1439 (BN/PK)	Reference voltage
2	1441 (WH/LG)	Parking aid sensor, outer left (15K859) signal
3	1440 (DG/YE)	Signal return

C4010 (BK)

14N139

Parking aid sensor, inner left (15K859)



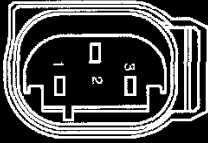
FEMALE

Pin	Circuit	Circuit function
1	1439 (BN/PK)	Reference voltage
2	1442 (DG/WH)	Parking aid sensor, inner left (15K859) signal
3	1440 (DG/YE)	Signal return

C4011 (BK)

14N139

Parking aid sensor, outer right (15K859)



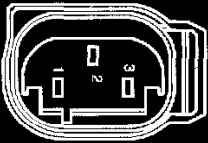
FEMALE

Pin	Circuit	Circuit function
1	1439 (BN/PK)	Reference voltage
2	1444 (DB/YE)	Parking aid sensor, outer right (15K859) signal
3	1440 (DG/YE)	Signal return

C4012 (BK)

14N139

Parking aid sensor, inner right (15K859)



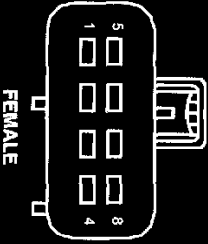
FEMALE

Pin	Circuit	Circuit function
1	1439 (BN/PK)	Reference voltage
2	1443 (WH/LB)	Parking aid sensor, inner right (15K859) signal
3	1440 (DG/YE)	Signal return

C2035 (BU)

14401

Parking aid disable switch (15A860)



FEMALE

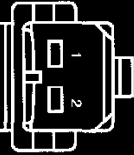
Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	1435 (DG/VT)	On/Off signal
3	—	not used
4	57 (BK)	Ground
5	—	not used
6	1436 (VT/OG)	On/Off signal, Light emitting diode (LED), control
7	—	not used
8	19 (LB/RD)	Instrument illumination

C4015 (WH)

14A504

15K867

Parking aid speaker



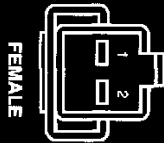
FEMALE

Pin	Circuit	Circuit function
1	1438 (DG)	Parking aid speaker +
2	1437 (BK/PK)	Parking aid speaker -

C2015 (BK)

14401

Parking brake
switch (15A851)

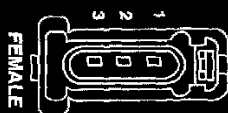


Pin	Circuit	Circuit function
1	162 (LG/RD)	Switched ground
2	676 (PK/OG)	Ground

C1023 (BK)

12A581

Park/turn lamp, left
front (13411)

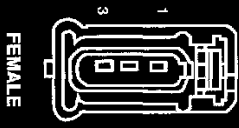


Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output
3	3 (LG/WH)	Turn lamps, feed, left front

C4032
(BN)

13A409
Park/stop/turn
lamp, right rear

Excursion



FEMALE

Pickup



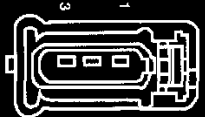
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power Exterior lamps
3	5 (OG/LB)	Turn lamps, feed, right rear

C4035
(BN)

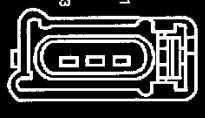
13A409
Park/stop/turn
lamp, left rear

Excursion



FEMALE

Pickup



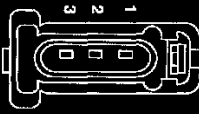
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power Exterior lamps
3	9 (LG/OG)	Turn lamps, feed, left rear

C1043 (BK)

12A581

Park/turn lamp,
right front (13417)



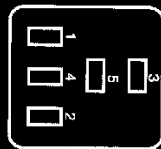
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output
3	2 (WH/LB)	Turn lamps, feed, right front

C1170

13K027

Park brake
relay



FEMALE

Pin	Circuit	Circuit function
1	295 (LB/PK)	Voltage in Run (overload protected)
2	162 (LG/RD)	Parking brake switch (15A861)
3	295 (LB/PK)	Voltage in Run (overload protected)
4	175 (BK/YE)	Park brake relay, switched output
5	-	not used

C106 (BK)

12B637

Heated positive
crankcase ventilation
(PCV) element



1
2

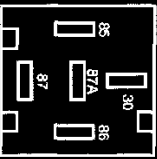
MALE

Pin	Circuit	Circuit function
1	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)
2	57 (BK)	Ground

C1383

12A581

Trailer tow
relay, right turn



86 30 86 87A 87

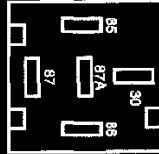
FEMALE

Pin	Circuit	Circuit function
30	1382 (DG/OG)	Voltage supplied at all times (overload protected)
85	57 (BK)	Coil Ground
86	5 (OG/LB)	Turn lamps, feed, right rear
87	64 (DG)	Trailer tow relay, right turn, switched power, output
87A	—	not used

C1384

12A561

Trailer tow relay, left turn

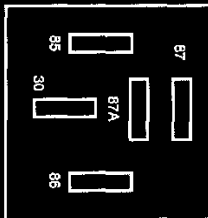


FEMALE

Pin	Circuit	Circuit function
30	1362 (DG/OG)	Voltage supplied at all times (overload protected)
85	57 (BK)	Coil Ground
86	9 (LG/OG)	Turn lamps, feed, left rear
87	52 (YE)	Trailer tow relay, left turn, switched power, output
87A	-	not used

C2110

Trailer tow relay, battery charge



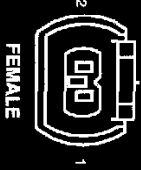
Pin	Circuit	Circuit function
30	-	Voltage supplied at all times (overload protected)
85	-	Ground
86	-	Voltage, not in run only
87	49 (OG)	Trailer tow relay, battery charge, switched power, output
87A	-	not used

C525 (GY)
14A005
 Door lock actuator, left (front)



Pin	Circuit	Circuit function
1	163 (RD/OG)	Driver door unlock relay, switched output
2	117 (PK/BK)	Door lock, output

C704 (GY)
14A005
 Door lock actuator, left rear (218A43)



Pin	Circuit	Circuit function
1	117 (PK/BK)	Door lock, output
2	118 (PK/OG)	Door unlock, output

C804 (GV)

14A005

Door lock
actuator, right
rear (218M42)

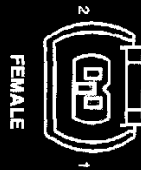


Pin	Circuit	Circuit function
1	117 (PK/BK)	Door lock, output
2	118 (PK/OG)	Door unlock, output

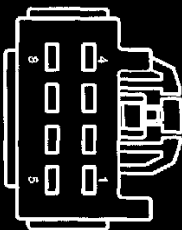
C603 (GV)

14A005

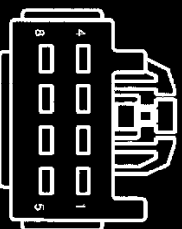
Door lock actuator,
passenger side
(218M42)



Pin	Circuit	Circuit function
1	117 (PK/BK)	Door lock, output
2	118 (PK/OG)	Door unlock, output

C605 (GN)**14A005**Door lock
switch, driver
side (14983)**FEMALE*** with remote keyless entry
** without remote keyless entry

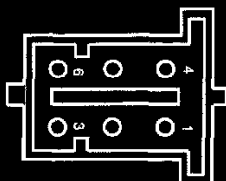
Pin	Circuit	Circuit function
1	57 (BK)	Illumination Ground
2	-	not used
	**57 (BK)	switch common
3	*1210 (BK/WH)	Unlock Switch Circuit
	**120 (PK/LG)	Unlock Switch Circuit
4	*57 (BK)	Ground
	**116 (RD/BK)	Voltage supplied at all times (overload protected)
5	194 (PK)	Switch illumination
6	-	not used
7	*1211 (WH/RD)	Lock Switch Circuit
	**119 (PK/YE)	Lock Switch Circuit
8	-	not used
	**57 (BK)	Ground

C605 (GN)**14A005**Door lock switch,
passenger side
(14023)**FEMALE*** with remote keyless entry
** without remote keyless entry

Pin	Circuit	Circuit function
1	57 (BK)	Illumination Ground
2	-	not used
	**120 (PK/LG)	Unlock Switch Circuit
3	*1210 (BK/WH)	Unlock Switch Circuit
	**118 (PK/OG)	Unlock Switch Circuit
4	*57 (BK)	Ground
	**116 (RD/BK)	Voltage supplied at all times (overload protected)
5	194 (PK)	Switch illumination
6	-	not used
7	*1211 (WH/RD)	Lock Switch Circuit
	**117 (PK/BK)	Lock Switch Circuit
8	-	not used
	**119 (PK/YE)	Lock Switch Circuit

C357 (BN)

* with memory

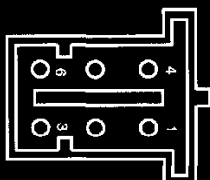
14B084
14A699Power seat motor
assembly, left

MALE

Pin	Circuit	Circuit function
1	*1472 (YE/WH)	Driver seat module (14C718), Forward/rearward circuit
	980 (YE/WH)	Fwd/Rwd motor, Forward
2	*1474 (RD/LG)	Driver seat module (14C718), Rear up/down circuit
	983 (RD/LG)	Rear height motor, Up
3	*1473 (YE/LG)	Driver seat module (14C718), Rear up/down circuit
	982 (YE/LG)	Rear height motor, Down
4	*1471 (RD/MH)	Driver seat module (14C718), Forward/rearward circuit
	981 (RD/MH)	Fwd/Rwd motor, Forward
5	*1470 (YE/LB)	Driver seat module (14C718), Front up/down circuit
	990 (YE/LB)	Front height motor, Down
6	*1469 (RD/LB)	Driver seat module (14C718), Front up/down circuit
	979 (RD/LB)	Front height motor, Up

C3015

without memory

14B084Power seat motor
assembly, right

MALE

Pin	Circuit	Circuit function
1	987 (RD/WH)	Fwd/Rwd motor, Rearward
2	985 (RD/LB)	Rear height motor, Down
3	984 (YE/LB)	Rear height motor, Up
4	986 (YE/WH)	Fwd/Rwd motor, Forward
5	988 (YE/LG)	Front height motor, Up
6	989 (RD/LG)	Front height motor, Down

C372 (BK)

14B122

Driver memory seat horizontal sensor

FEMALE

Pin	Circuit	Circuit function
1	446 (OG/WH)	Sensor, feed, from, Driver seat module (14C718)
2	442 (LG/OG)	Driver memory seat horizontal sensor, monitor
3	447 (OG/RD)	Sensor, return, to, Driver seat module (14C718)

C383 (WH)

14B122

Driver memory seat front height sensor

FEMALE

Pin	Circuit	Circuit function
1	447 (OG/RD)	Sensor, return, to, Driver seat module (14C718)
2	443 (LG/RD)	Driver memory seat front height sensor, monitor
3	446 (OG/WH)	Sensor, feed, from, Driver seat module (14C718)

C373
(WH)
14B122
Driver
memory seat
rear height
sensor

FEMALE

Pin	Circuit	Circuit function
1	446 (OG/WH)	Sensor, feed, from, Driver seat module (14C718)
2	444 (LG/BK)	Driver memory seat rear height sensor, monitor
3	447 (OG/RD)	Sensor, return, to, Driver seat module (14C718)

C330
(BK)
14B084
Seat adjust switch,
passenger side
front

MALE

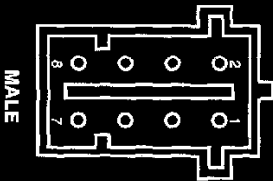
Pin	Circuit	Circuit function
1	989 (RD/LG)	Front height motor, Down
2	51 (BK/WH)	Voltage supplied at all times (overload protected)
3	987 (RD/WH)	Fwd/Rwd motor, Rearward
4	57 (BK)	Ground
5	984 (YE/LB)	Rear height motor, Up
6	988 (YE/LG)	Front height motor, Up
7	985 (RD/LB)	Rear height motor, Down
8	986 (YE/WH)	Fwd/Rwd motor, Forward

* with memory

C360 (BK)

14A699/14B084

Seat adjust switch,
driver side front
(14A701)



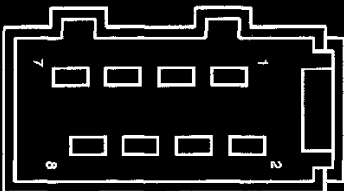
MALE

Pin	Circuit	Circuit function
1	*1464 (YE)	Front up/down circuit
1	990 (YE/LB)	Front height motor, Down
2	*1468 (GY/LB)	Rear up/down circuit
2	983 (RD/LG)	Rear height motor, Up
3	*1467 (GY/YE)	Rear up/down circuit
3	982 (YE/LG)	Rear height motor, Down
4	*956 (OG/LG)	Voltage supplied at all times (overload protected)
4	566 (DG)	Voltage supplied at all times (overload protected)
5	*1463 (RD/YE)	Front up/down circuit
5	979 (RD/LB)	Front height motor, Up
6	*1466 (GY/OG)	Forward/Rearward circuit
6	981 (RD/MH)	Fwd/Rwd motor, Forward
7	*1466 (GY/MH)	Forward/Rearward circuit
7	980 (YEMH)	Fwd/Rwd motor, Rearward
8	*676 (PK/OG)	Ground
8	57 (BK)	Ground

C369

14B084

Seat adjust switch,
driver side front
(14A701)



MALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	979 (RD/LB)	Front height motor, Up
3	990 (YEMH)	Fwd/Rwd motor, Rearward
4	982 (YE/LG)	Rear height motor, Down
5	981 (RD/MH)	Fwd/Rwd motor, Forward
6	983 (RD/LG)	Rear height motor, Up
7	566 (DG)	Voltage supplied at all times (overload protected)
8	990 (YE/LB)	Front height motor, Down

C457 (GY)

14086

Liftgate lock
actuator



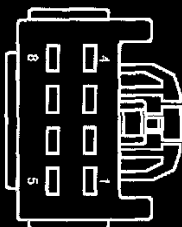
FEMALE

Pin	Circuit	Circuit function
1	118 (PK/OG)	Door unlock, output
2	117 (PK/BK)	Door lock, output

C504a (BL)

14A005

Master window adjust
switch (14540)



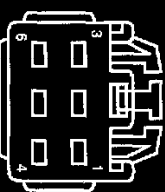
FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	57 (BK)	Ground
3	313 (WH/YE)	Window switch, feed, right front, Down
4	314 (TN/LB)	Window switch, feed, right front, Up
5	-	not used
6	400 (LB/BK)	Accessory delay relay, switched output
7	991 (TN/LB)	Master window adjust switch (14529), feed, Down
8	992 (WH/BK)	Master window adjust switch (14529), feed, Up

C504b (GY)

14A005

Master window adjust switch (1454d)



FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	319 (YE/BK)	Window switch, feed, right rear, Down
3	320 (RD/BK)	Window switch, feed, right rear, Up
4	193 (YE/LG)	Window lockout, switched output
5	316 (YE/LB)	Window switch, feed, left rear, Up
6	317 (GY/OG)	Window switch, feed, left rear, Down

C604 (GY)

14A005

Window adjust switch, passenger side



FEMALE

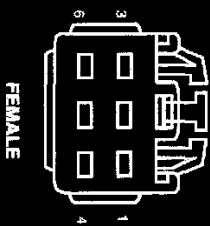
* with crew cab

Pin	Circuit	Circuit function
1	313 (WH/YE)	Window switch, feed, right front, Down
2	334 (RD/YE)	Window motor, feed, Down
3	*193 (YE/LG)	Switched power
	400 (LB/BK)	Accessory delay relay, switched power, output
4	-	not used
5	333 (YE/RD)	Window motor, feed, Up
6	314 (TN/LB)	Window switch, feed, right front, Up

C701 (GV)

14A005

Window adjust
switch, left rear
(14A412)

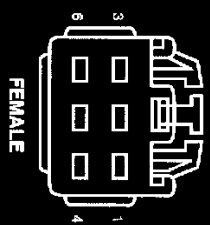


Pin	Circuit	Circuit function
1	317 (GY/OG)	Window switch, feed, left rear, Down
2	885 (YE/LB)	Window motor, feed, Down
3	193 (YE/LG)	Switched power
4	-	not used
5	884 (YE/BK)	Window motor, feed, Up
6	316 (YE/LB)	Window switch, feed, left rear, Up

C801 (GV)

14A005

Window adjust
switch, right rear
(14A412)

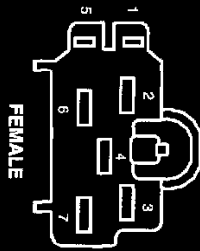


Pin	Circuit	Circuit function
1	319 (YE/BK)	Window switch, feed, right rear, Down
2	882 (BN/YE)	Window motor, feed, Down
3	193 (YE/LG)	Switched power
4	-	not used
5	881 (BN)	Window motor, feed, Up
6	320 (RD/BK)	Window switch, feed, right rear, Up

C946 (BK)

14334

Power vent
window switch, left

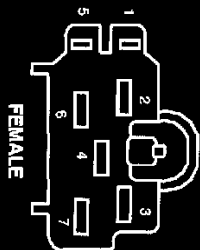


Pin	Circuit	Circuit function
1	57 (BK)	Illumination, Ground
2	57 (BK)	Ground
3	1158 (YE/LB)	Window motor, Open
4	194 (PK)	Accessory delay relay, switched output
5	19 (LB/RD)	Instrument illumination
6	1159 (WH/LB)	Window motor, Close
7	57 (BK)	Ground

C956 (BK)

14334

Power vent window
switch, right



Pin	Circuit	Circuit function
1	57 (BK)	Illumination, Ground
2	57 (BK)	Ground
3	1158 (YE/RD)	Window motor, Open
4	194 (PK)	Accessory delay relay, switched output
5	19 (LB/RD)	Instrument illumination
6	1157 (WH/RD)	Window motor, Close
7	57 (BK)	Ground

C203

14401

Power steering
rear window switch

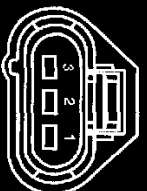


Pin	Circuit	Circuit function
1	405 (V7/LB)	Window regulator switch to back window switch
2	400 (LB/BK)	Accessory delay relay, switched output
3	57 (BK)	Ground
4	57 (BK)	Ground
5	19 (LB/RD)	Instrument illumination
6	57 (BK)	Ground
7	404 (V7/LG)	Window regulator switch to back window switch

C1068 (GV)

12B637

Differential
Pressure Feedback
EGR (DPFE)
sensor (9J460)



FEMALE

California

Pin	Circuit	Circuit function
1	352 (BN/LG)	Differential Pressure Feedback EGR (DPFE) sensor (9J460), input
2	359 (GY/RD)	Signal return
3	351 (BN/WH)	Reference voltage

C1271 (BK)

12B637

Exhaust Back
Pressure (EBP) sensor



FEMALE

Pin	Circuit	Circuit function
A	359 (GY/RED)	Signal return
B	351 (BN/WH)	Reference voltage
C	553 (VT/LB)	position sense

C947 (BN)

14335

Power vent
window motor, left



FEMALE

Pin	Circuit	Circuit function
1	1159 (WH/LB)	Window motor, Close
2	1158 (YE/LB)	Window motor, Open

C948 (BN)
14335
Power vent window
motor, right

FEMALE

Pin	Circuit	Circuit function
1	1156 (VE/RD)	Window motor, Open
2	1157 (WH/RD)	Window motor, Close

C290a (BK)
14401
Radio (18808)

FEMALE

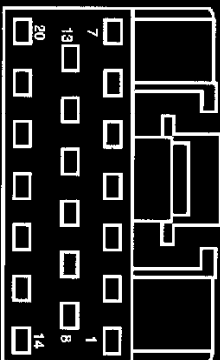
Pin	Circuit	Circuit function
1	19 (LB/RD)	Instrument illumination
2	57 (BK)	Instrument illumination, Ground
3	1000 (RD/BK)	Voltage supplied in Start (overload protected)
4	-	not used
5	**825 (TN/LG)	Speaker, right rear (18808)
6	**802 (OG/RD)	Rear Integrated Control Panel (RICP) (19980) +
7	803 (BN/PK)	Speaker, right rear (18808) -
8	805 (WH/LG)	Speaker, right front (18808) +
9	811 (DG/OG)	Speaker, right front (18808) -
10	194 (PK)	Voltage supplied at all times (overload protected)
11	694 (BK/LG)	Accessory delay relay, switched output
12	**827 (TN/WH)	Ground
12	**800 (GY/LB)	Speaker, left rear (18808)
12	-	Rear Integrated Control Panel (RICP) (19980) +
12	-	not used
13	801 (TN/VE)	Speaker, left rear (18808) -
14	804 (OG/LG)	Speaker, left front (18808) +
15	813 (LB/WH)	Speaker, left front (18808) -
16	694 (BK/LG)	Ground

* Base audio
** Highline audio

C290b (BK)

14401

Radio (1800c)



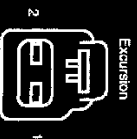
FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	-	not used
4	-	not used
5	1068 (LG/BK)	Audio System ON (ASTY/SON)
6	832 (LB/PK)	Audio corporate protocol (A)
7	833 (TN)	Audio corporate protocol (B)
8	-	not used
9	679 (GY/BK)	Vehicle speed signal
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	595 (LB/PD)	Auxiliary audio controls, steering wheel
15	-	not used
16	48 (BK)	Drain wire
17	690 (GY)	Audio signal positive Right to Video System
18	799 (OG/BK)	Audio signal negative Right to Video System
19	856 (VT)	Audio signal positive Left to Video System
20	798 (LG/PD)	Audio signal negative Left to Video System

C703 (BK)

14A005

Power window
motor, left rear
(233c4)



FEMALE



FEMALE

Pin	Circuit	Circuit function
1	885 (YE/LB)	Window motor, feed, Down
2	884 (YE/BK)	Window motor, feed, Up

C803 (BK)

14A005

Power window
motor, right, rear
(23394)

Excursion



FEMALE

Pickup



FEMALE

Pin	Circuit	Circuit function
1	882 (BN/YE)	Window motor, feed, Down
2	881 (BN)	Window motor, feed, Up

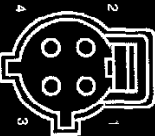
C1081 (BK)

12A581

14305

19B573

A/C compressor cycling
switch (19C561)



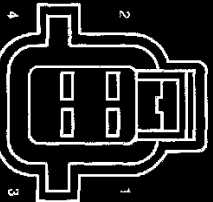
FEMALE

Pin	Circuit	Circuit function
1	441 (RD/YE)	A/C pressure switch, to A/C cycling switch
2	-	not used
3	-	not used
4	348 (VT)	A/C demand signal

C1062 (BK)

12B637

Dual pressure switch (19D594)



FEMALE

Pin	Circuit	Circuit function
1	441 (RD/YE)	A/C compressor cycling switch (19E561)
2	347 (BK/YE)	Ground
3	440 (TN/LG)	Reference voltage
4	439 (TN/LG)	Signal return

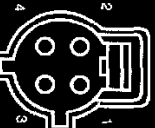
C1078 (BK)

12A581

14305

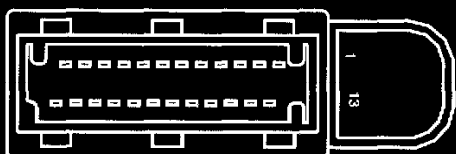
19B573

A/C high pressure switch (19D594)



FEMALE

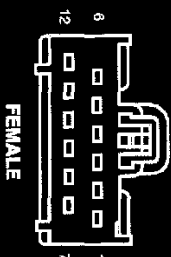
Pin	Circuit	Circuit function
1	441 (RD/YE)	
2	-	not used
3	439 (TN/LG)	A/C high pressure switch (19D594), signal
4	-	not used

C270a (BK)**14401**Central Junction Box
(CJB) (144087)

* with EATC
 ** Pickup, with electronic shift on the fly
 *** 6.0L
 † Excursion

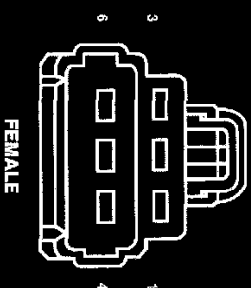
Pin	Circuit	Circuit function
1	54 (LG/YE)	Battery seaver relay, switched output
2	1000 (RD/BK)	Voltage supplied in Start (overload protected)
3	22 (LB/BK)	Voltage supplied at all times (overload protected)
4	**33 (WH/PK)	Voltage supplied in Start (overload protected)
5	296 (WH/VT)	Voltage in Run (overload protected)
6	***1044 (WH/YE)	Voltage, ignition switch in Start or Run (not overload protected)
7	1306 (PK/WH)	Voltage supplied at all times (overload protected)
8	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
9	57 (BK)	Ground
	† 698 (GY/LB)	Rear window defrost relay, control
10	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
11	296 (WH/VT)	Voltage in Run (overload protected)
	*399 (BN/YE)	Blower motor relay, control
12	399 (BN/YE)	Blower motor relay, control
	*57 (BK)	Ground

Pin	Circuit	Circuit function
13	12 (LG/BK)	Fog lamp relay control
14	1332 (LB)	Accessory delay relay, control
15	705 (LG/OG)	Voltage supplied at all times (overload protected)
16	294 (WH/LB)	Voltage in Run (overload protected)
17	275 (YE)	Fog lamp relay, control
18	609 (OG/YE)	Voltage in Run (overload protected)
19	1 (DB)	Horn relay, control
20	418 (DG/YE)	Voltage in Run (overload protected)
21	295 (LB/PK)	Voltage in Run (overload protected)
22	238 (DG/YE)	Fuel pump relay, switched power, output
23	194 (PK)	Accessory delay relay, switched output
24	829 (WH/VT)	Voltage supplied at all times (overload protected)

C270b (GY)**14401**Central Junction Box
(CJB) (14A067)

* 6.0L

Pin	Circuit	Circuit function
*1	792 (TN/YE)	Voltage supplied at all times (overload protected)
2	10 (LG/RD)	Voltage supplied at all times (overload protected)
3	-	not used
4	1286 (RD/YE)	Voltage supplied in Start and Run (overload protected)
5	14 (BN)	Power, Exterior lamps
6	785 (BK/LG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	1522 (DG)	Voltage, Ignition switch in Start (not overload protected)
9	12 (LG/BK)	Power, Hot with High Beams on
10	196 (TN/WH)	Voltage supplied at all times (overload protected)
11	-	not used
12	196 (DB/OG)	Voltage supplied at all times (overload protected)

C270c (BK)**14401**Central Junction Box
(CJB) (14A067)* 6.0L
** others

Pin	Circuit	Circuit function
1	1040 (RD/BK)	voltage, Ignition switch in Run (not overload protected)
2	37 (YE)	Voltage supplied at all times (overload protected)
3	*544 (VT)	Voltage supplied at all times (overload protected)
	**1050 (LG/VT)	Voltage supplied at all times (overload protected)
4	*1044 (WH/YE)	Voltage, Ignition switch in Start or Run (not overload protected)
	**16 (RD/LG)	Voltage, Ignition switch in Start or Run (not overload protected)
5	687 (GY/YE)	voltage, Ignition switch in Run (not overload protected)
6	964 (DB/LG)	Voltage, Ignition switch in Accessory or Run (not overload protected)

C270d (GY)
14401
Central Junction Box
(CJB) (14A067)

FEMALE

* Excursion
** 6.0L

Pin	Circuit	Circuit function
1	1542 (RD)	Voltage supplied at all times (overload protected)
2	* -	not used
3	***1567 (RD/LB)	Voltage supplied at all times (overload protected)
4	-	not used
5	**364 (BK/LG)	Voltage supplied at all times (overload protected)
6	797 (LG/VT)	Voltage supplied at all times (overload protected)
7	400 (LB/BK)	Accessory delay relay, switched output
8	* -	not used
9	40 (LB/MH)	Voltage supplied at all times (overload protected)
10	59 (DG/VT)	Rear window defrost relay, switched output

C270e (BK)
14401
Central Junction Box
(CJB) (14A067)

FEMALE

Pin	Circuit	Circuit function
1	50 (RD)	Voltage supplied at all times (overload protected)
2	1049 (BN/PK)	Voltage supplied at all times (overload protected)
3	116 (RD/BK)	Voltage supplied at all times (overload protected)
4	325 (DB/OG)	Voltage supplied at all times (overload protected)

C270f (BK)

12A581

Central Junction Box
(CJB) (14A067)

* 6.0L
** others
*** TorqShift



FEMALE

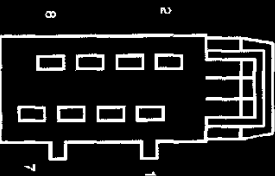
Pin	Circuit	Circuit function
1	140 (BK/PK)	Voltage supplied in reverse
2	161 (DG/OG)	Headlamp, right (13008), (Low beam lamp feed)
3	160 (DB/WH)	Headlamp, left (13008), (Low beam lamp feed)
4	*1155 (YE/BK)	Voltage in Run (overload protected)
4	**533 (TN/RD)	Voltage supplied at all times (overload protected)
5	57 (BK)	Ground
6	**1093 (TN/RD)	Power, Hot in Start with Park or Neutral
6	***33 (WH/PK)	Voltage supplied in Start (overload protected)
7	54 (LG/YE)	Battery saver relay, switched output
8	324 (YE/LG)	Reversing lamps relay, control
9	*262 (BN/PK)	Switched ground
9	**57 (BK)	Ground
10	926 (LB/OG)	Fuel pump relay, control
11	57 (BK)	Ground
12	321 (GY/WH)	A/C clutch relay, switched output

C270g (BK)

12A581

Central Junction Box
(CJB) (14A067)

* 6.0L



FEMALE

Pin	Circuit	Circuit function
1	*140 (BK/PK)	Reversing lamps relay, switched output
2	113 (YE/LB)	Starter motor (11002), to, Starter relay (11450)
3	-	not used
4	13 (RD/BK)	Power, Hot with Low Beams on
5	-	not used
6	181 (BN/OG)	Blower motor relay, switched output
7	729 (RD/WH)	Voltage supplied at all times (overload protected)
8	-	not used
8	*16 (RD/LG)	Fuel heater relay, control

C270h (BK)**12A581**Central Junction Box
(CJB) (14A067)

* 6.0L



Pin	Circuit	Circuit function
1	12 (LG/BK)	Power, Hot with High Beams on
2	478 (TN/OG)	Fog lamp relay, to front fog lamp
3	14 (BN)	Power, Exterior lamps
4	-	not used
5	*57 (BK)	Ground
6	361 (RD)	Voltage supplied in Start and Run (overload protected)
7	381 (RD/YE)	Voltage supplied in Start and Run (overload protected)
8	295 (LB/PK)	Voltage in Run (overload protected)
9	33 (WH/PK)	Voltage supplied in Start (overload protected)
10	6 (YE/LG)	Horn relay, switched output
11	238 (DG/YE)	Fuel pump relay, switched power, output - gasoline engines
12	326 (WH/VT)	Voltage supplied at all times (overload protected)
	534 (YE/BK)	Voltage supplied at all times (overload protected)

C270j (BK)**14A005**Central Junction Box
(CJB) (14A067)

* Excursion



Pin	Circuit	Circuit function
1	*109 (VT/WH)	Voltage supplied at all times (overload protected)
2	-	not used
3	936 (OG/LG)	Voltage supplied at all times (overload protected)
4	-	not used
5	*829 (WT/VT)	Voltage supplied at all times (overload protected)
6	-	not used
7	963 (BK/LG)	Trailer tow relay, reversing lamp, switched output
8	-	not used
9	*297 (BK/LG)	Voltage in Run or Accessory (overload protected)
10	-	not used
11	194 (PK)	Accessory delay relay, switched output
12	14 (BN)	Power, Exterior lamps
13	-	not used
14	295 (LB/PK)	Voltage in Run (overload protected)
15	962 (BN/WH)	Trailer tow relay, parking lamp, switched output
16	54 (LG/YE)	Battery saver relay, switched output

C270K (WH)
14A005
Central Junction Box
(CJB) (14A067)

FEMALE

• Pickup

Pin	Circuit	Circuit function
1	1362 (DG/OG)	Voltage supplied at all times (overload protected)
2	1544 (OG)	Voltage supplied at all times (overload protected)
3	186 (BN/LB)	not used
4	-	Rear window defrost relay, switched output
5	49 (OG)	not used
6	59 (DG/VT)	Trailer tow relay, battery charge, switched output
7	1153 (RD/BK)	Heated mirrors
8	1543 (YE)	not used
	-	Voltage supplied at all times (overload protected)
	-	Voltage supplied at all times (overload protected)
	-	not used
	-	not used

C270I (GY)
14A005
Central Junction Box
(CJB) (14A067)

FEMALE

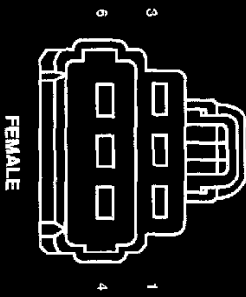
• Excursion

Pin	Circuit	Circuit function
1	-	not used
2	-	not used
3	*406 (BN/WH)	Voltage supplied at all times (overload protected)
4	51 (BK/WH)	Voltage supplied at all times (overload protected)
5	566 (DG)	Voltage supplied at all times (overload protected)
6	400 (LB/BK)	Accessory delay relay, switched output

C270m (RD)

14401

Central Junction Box
(CJB) (144067)



FEMALE

Pin	Circuit	Circuit function
1	—	not used
2	704 (DG/LG)	Voltage supplied at all times (overload protected)
3	532 (OG/YE)	Voltage supplied at all times (overload protected)
4	—	not used
5	—	not used
6	65 (DG)	Voltage supplied at all times (overload protected)

C270p

14300

Central Junction Box
(CJB) (143067)

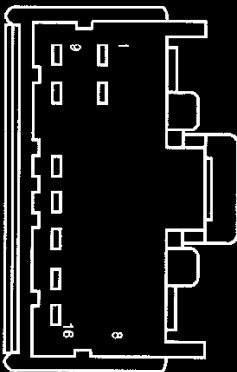


Pin	Circuit	Circuit function
1	2037 (RD)	Battery Power

C349 (BK)

14B079

Rear Integrated
Control Panel
(RIPC) (19980)



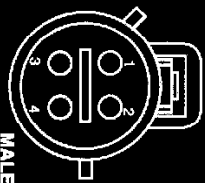
Pin	Circuit	Circuit function
1	825 (TN/LG)	Speaker, right rear (18808) +
2	802 (OG/RD)	Speaker, right rear (18808) +
3	803 (BN/PK)	Speaker, right rear (18808)
4	-	not used
5	801 (TN/YE)	Speaker, left rear (18808)
6	800 (GY/LB)	Speaker, left rear (18808) +
7	827 (TN/WH)	Speaker, left rear (18808) +
8	-	not used
9	1068 (LG/BK)	Audio System ON (ASYSON)
10	829 (NH/VT)	Voltage supplied at all times (overbad protected)
11	694 (BK/LG)	Ground
12	832 (LB/PK)	Audio corporate protocol (A)
13	833 (TN)	Audio corporate protocol (B)
14	-	not used
15	57 (BK)	Illumination, Ground
16	19 (LB/RD)	Instrument illumination

C323 (GY)

14B084

14A699

Safety belt
buckle switch
(10B924)

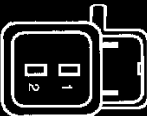


Pin	Circuit	Circuit function
1	-	not used
2	85 (BN/LB)	Safety belt buckle switch (10B924), input
3	57 (BK)	Ground
4	-	not used

C3014 (VE)

14A005

Driver safety belt
retractor pretensioner



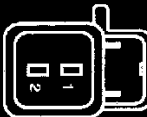
MALE

Pin	Circuit	Circuit function
1	1079 (LG/RD)	Driver safety belt retractor pretensioner, feed
2	1080 (LG/BK)	Driver safety belt retractor pretensioner, Signal return

C303 (VE)

14A005

Passenger
safety belt
retractor
pretensioner



FEMALE

Pin	Circuit	Circuit function
1	1081 (YE/RD)	Passenger safety belt retractor pretensioner, feed
2	1082 (LB/BK)	Passenger safety belt retractor pretensioner, return

C335
(BK)
14B084
Seat back heater,
right front

FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	1066 (GY/LB)	Seat back heater, right front, heater, feed

C365
(BK)
14A639
14B084
Seat back
heater, left
front

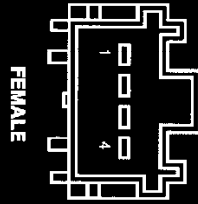
FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	1066 (GY/LB)	Seat back heater, left front, heater, feed

C334 (BK)

14B084

Seat cushion
heater, right front

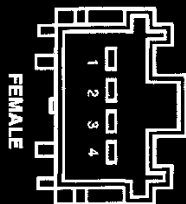


Pin	Circuit	Circuit function
1	1066 (GY/LB)	Seat back heater, right front, heater, feed
2	-	not used
3	-	not used
4	1064 (YE/LB)	Seat cushion heater, right front, heater, feed

C364 (BK)

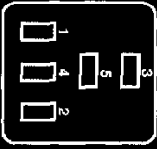
14A699
14B084

Seat cushion
heater, left front



Pin	Circuit	Circuit function
1	1066 (GY/LB)	Seat cushion heater, left front, heater, feed
2	-	not used
3	-	not used
4	1064 (YE/LB)	Seat back heater, left front, heater, feed

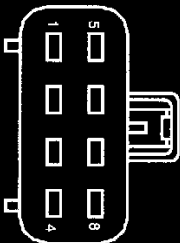
C359
14B084
14A699
 Heated seat relay
 driver side front



FEMALE

Pin	Circuit	Circuit function
1	1255 (WH/RD)	Heat Seat Control Switch to Heater – Driver seat enable
2	57 (BK)	Ground
3	–	not used
4	295 (LB/PK)	Voltage in Run (overload protected)
5	1153 (RD/BK)	Voltage supplied at all times (overload protected)

C320 (BN)
14B084
14A699
 Seat heater
 switch, driver side



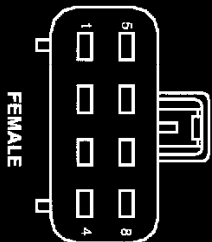
FEMALE

Pin	Circuit	Circuit function
1	1064 (YE/LB)	Seat cushion heater, left front, heater, feed
2	1255 (WH/RD)	Heat seat control switch, to heater
3	–	not used
4	57 (BK)	Ground
5	–	not used
6	–	not used
7	–	not used
8	–	not used

C321 (BN)

14B084

Seat heater
switch,
passenger side

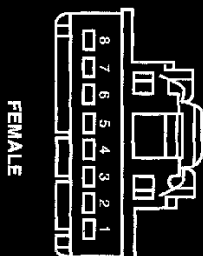


Pin	Circuit	Circuit function
1	1064 (YELB)	Seat cushion heater, right front, heater, feed
2	1255 (WH/RD)	Heated seat control switch to module, driver seat enable
3	-	not used
4	57 (BK)	Ground
5	-	not used
6	-	not used
7	-	not used
8	-	not used

C503

14A005

Memory set
switch (14B709)



Pin	Circuit	Circuit function
1	272 (WH/OG)	Memory set switch (14776), illumination, input
2	267 (BN/LG)	Memory set switch (14776), position 1
3	-	not used
4	-	not used
5	270 (BN/OG)	Memory set switch (14776), position 3
6	268 (BK/OG)	Memory set switch (14776), position 2
7	676 (PK/OG)	Ground
8	-	not used

C286 (BK)

14401

Surfboard sensor
(13A018)



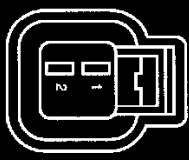
FEMALE

Pin	Circuit	Circuit function
A	217 (DB/OG)	signal to Electronic Automatic Temperature Control (EATC) module (19980)
B	57 (BK)	Ground - Pickup
B	676 (PK/OG)	Ground - Excursion
C	1104 (LB)	signal to Vehicle Security Module (VSM) (15K602)

C396 (BK)

14A005

Speaker, right
rear (18908)



FEMALE

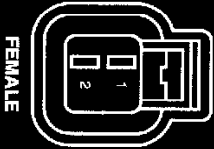
*** Pickup**

Pin	Circuit	Circuit function
1	825 (TM/LG)	Speaker, right rear (18908) +
	*802 (OG/RD)	Speaker, right rear (18908) +
2	803 (BW/PK)	Speaker, right rear (18908)

C612 (BK)

14A005

Speaker, right rear (18908)



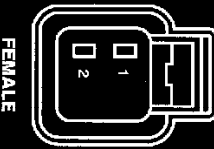
FEMALE

Pin	Circuit	Circuit function
1	802 (OG/RD)	Speaker, right rear (18908) +
2	803 (BN/PK)	Speaker, right rear (18908) -

C612 (BK)

14A005

Speaker, right front (18908)



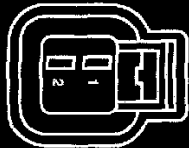
FEMALE

Pin	Circuit	Circuit function
1	805 (WH/LG)	Speaker, right front (18908) +
2	811 (DG/OG)	Speaker, right front (18908) -

C523 (BK)

14A005

Speaker, left front (18808)



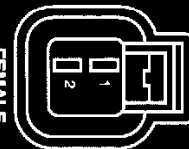
FEMALE

Pin	Circuit	Circuit function
1	804 (OG/LG)	Speaker, left front (18808) +
2	813 (LB/WH)	Speaker, left front (18808) -

C395 (BK)

14A005

Speaker, left rear (18808)



FEMALE

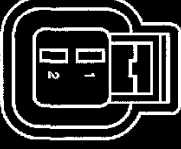
* Pickup

Pin	Circuit	Circuit function
1	*800 (GY/LB)	Speaker, left rear (18808) +
	827 (TV/WH)	Speaker, left rear (18808) +
2	801 (TN/YE)	Speaker, left rear (18808) -

C702 (BK)

14A005

Speaker, left rear
(18B08)



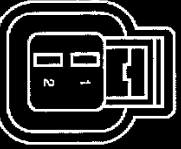
FEMALE

Pin	Circuit	Circuit function
1	800 (GY/LB)	Speaker, left rear (18B08) +
2	801 (TN/YE)	Speaker, left rear (18B08) -

C813 (BK)

14A005

Speaker, right
middle



FEMALE

Pin	Circuit	Circuit function
1	825 (TN/LG)	Speaker, right middle +
2	803 (BN/PK)	Speaker, right middle -

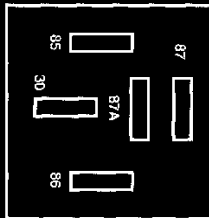
Pin	Circuit	Circuit function
1	113 (VE/LB)	Starter motor (11002), to, Starter relay (11450)

14300

Pin	Circuit	Circuit function
1	2037 (RD)	Battery Power

C2163

Starter relay



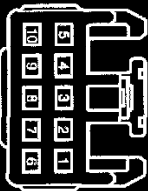
FEMALE

Pin	Circuit	Circuit function
30	2037 (FD)	Voltage supplied at all times (overload protected)
85	57 (BK)	Ground
85	*262 (BN/PK)	Switched ground
86	1083 (TN/RD)	Voltage supplied with park/neutral
86	*33 (WH/PK)	Voltage supplied in Start (overload protected)
87	113 (VE/LB)	Starter relay (1'1450), switched power, output
87A	-	not used

C921a

Roof opening panel module (502D70)

PIA

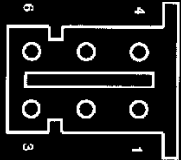


Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	1173	Roof opening panel, common
3	400 (LB/BK)	Accessory delay relay, switched power, output
4	-	not used
5	1174 (WH/RD)	Roof opening panel, Open circuit
6	400 (LB/BK)	Accessory delay relay, switched power, output
7	-	not used
8	-	not used
9	-	not used
10	1175 (TN/RD)	Roof opening panel, Close circuit

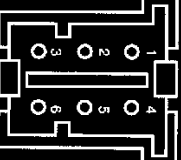
C920 (BN)

Roof opening panel motor assembly (15790)

PIA



PIA



MALE

FEMALE

(1) (WH)
(2) (VT)
(3) (DB)
(4) (BK)
(5) (RD)
(6) (BK/WH)

C1189 (BK)

12B637

Throttle Position
Sensor (TPS)
(9B989)



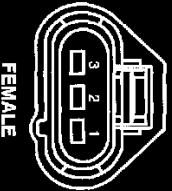
FEMALE

Pin	Circuit	Circuit function
A	351 (BV/WH)	Reference voltage
B	359 (GY/RD)	Signal return
C	73 (OG/LB)	position sense
D	(BK)	not used
E	(BK)	not used
F	(BK)	not used

C1189 (BK)

12B637

Throttle Position
Sensor (TPS)
(9B989)



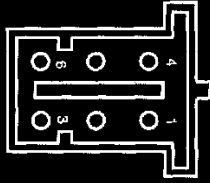
FEMALE

Pin	Circuit	Circuit function
1	351 (BV/WH)	Reference voltage
2	355 (GY/WH)	position sense
3	359 (GY/RD)	Signal return

C2142 (GY)

14401

Trailer electronic
brake control
connector



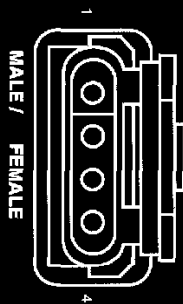
FEMALE

Pin	Circuit	Circuit function
1	-	not used
2	14 (BN)	Power - Exterior lamps
3	206 (WH)	Ground
4	50 (FD)	Voltage supplied at all times (overload protected)
5	511 (LG)	Brake pedal position switch (13480), input
6	43 (DB)	Trailer brakes

C4098 (BK)

13A576

Trailer tow
connector, 4-pin



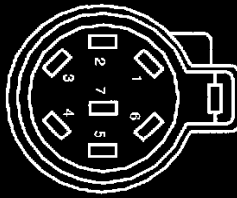
MALE / FEMALE

Pin	Circuit	Circuit function
1	206 (WH)	Ground
2	962 (BN/WH)	Trailer tow relay, parking lamp, switched power
3	52 (YE)	Trailer tow relay, left turn, switched power
4	64 (DG)	Trailer tow relay, right turn, switched power

C4099 (BK)

13A576

Trailer tow
connector, 7-pin



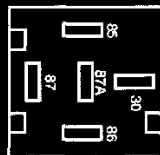
MALE

Pin	Circuit	Circuit function
1	52 (YE)	Trailer tow relay, left turn, switched power
2	206 (WH)	Ground
3	43 (DB)	not used
4	64 (DG)	Trailer tow relay, right turn, switched power
5	49 (DG)	Trailer tow relay, battery charge, switched power
6	962 (BN/WH)	Trailer tow relay, parking lamp, switched power
7	963 (BK/LG)	Trailer tow relay, reversing lamp, switched power

C1383

12A581

Trailer tow
relay, right turn



FEMALE

Pin	Circuit	Circuit function
30	1362 (DG/OG)	Voltage supplied at all times (overload protected)
85	57 (BK)	Coil Ground
86	5 (OG/LB)	Turn lamps, feed, right rear
87	64 (DG)	Trailer tow relay, right turn, switched power, output
87A	-	not used

C1384
12A5B1
Trailer tow relay, left turn

FEMALE

Pin	Circuit	Circuit function
30	1362 (DG/OG)	Voltage supplied at all times (overload protected)
85	57 (BK)	Coil Ground
86	9 (LG/OG)	Turn lamps, feed, left rear
87	52 (YE)	Trailer tow relay, left turn, switched power, output
87A	-	not used

Trailer Tow Relay, Parking Lamp

ALLDATA EDITORS NOTE

"Ford service information indicates the Trailer Tow Parking Lamp Relay is within the Central Junction Box (CJB). However, related system testing and the CJB wiring diagrams do not indicate that the relay is serviceable separate from the CJB".

C2110
Trailer tow relay, battery charge

Pin	Circuit	Circuit function
30	-	Voltage supplied at all times (overload protected)
85	-	Ground
86	-	Voltage, hot in run only
87	49 (OG)	Trailer tow relay, battery charge, switched power, output
87A	-	not used

C168 (GV)
15525
4R100 Transmission
(7G391)

FEMALE

Pin	Circuit	Circuit function
1	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)
2	315 (VT/OG)	Shift solenoid B, control
3	237 (OG/YE)	Shift solenoid A, control
4	480 (VT/YE)	Torque Converter Clutch (TCC) solenoid, control
5	924 (BN/OG)	Coast Clutch Solenoid (CCS), control
6	-	not used
7	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor, input
8	359 (GV/RD)	Signal return
9	-	not used
10	-	not used
11	925 (WH/YE)	Electronic Pressure Control (EPC) solenoid, control
12	391 (RD/YE)	Voltage supplied in Start and Run (overload protected)

C945 (WH)
14334
Trip Computer
Module (100393)

FEMALE

Pin	Circuit	Circuit function
1	676 (PK/OG)	Ground
2	470 (PK/BK)	Sensor signal return (reference/ground)
3	29 (YE/WH)	Fuel pump/fuel gauge sender
4	70 (LB/WH)	ISO Bus
5	679 (GY/BK)	vehicle speed signal
6	3061 (LB/OG)	Ambient air temperature sensor (19E702) signal
7	295 (LB/PK)	Voltage in Run (overload protected)
8	71 (OG/LG)	Powertrain Control Module (PCM) (12A650) - Data output link
9	19 (LB/RD)	Instrument illumination
10	-	not used
11	-	not used
12	-	not used
13	-	not used
14	-	not used
15	-	not used
16	-	not used

C1390 (BK)

12B637

Variable geometric
turbo actuator



FEMALE

Pin	Circuit	Circuit function
1	43 (DB)	Variable geometric turbo actuator, common
2	41 (BK/LB)	Variable geometric turbo actuator, control

C1023 (BK)

12A581

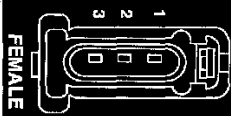
Park/turn lamp, left
front (13411)



FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output
3	3 (LG/WH)	Turn lamps, feed, left front

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	14 (BN)	Power Exterior lamps
3	5 (OG/LB)	Turn lamps, 'feed, right rear



Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Park lamp relay, switched output
3	2 (WH/LB)	Turn lamps, feed, right front

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	14 (BN)	Power Exterior lamps
3	9 (LG/G)	Turn lamps, feed, left rear

Pin	Circuit	Circuit function
1	44 (LB)	Turn signal flasher, to turn signal switch
2	295 (LB/PK)	Voltage in Run (overload protected)
3	10 (L/GND)	Voltage supplied at all times (overload protected)
4	385 (WH/RD)	Hazard flasher switch, Power
5	57 (BK)	Ground

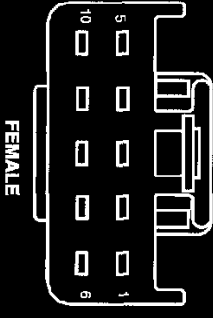
FEMALE

C2047

14401

Indicator
flasher relay
(13350)

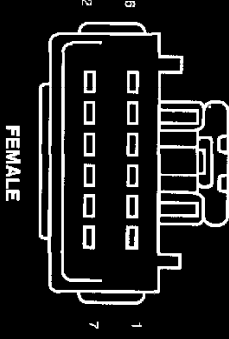
C202a (GV)
14401
 Multifunction switch



FEMALE

Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	44 (LB)	Turn signal flasher, to turn signal switch
3	385 (WH/RD)	Turn signal flasher, to turn signal switch
4	—	not used
5	—	not used
6	196 (DB/OG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	15 (RD/YE)	Power, Hot with Headlamps on
9	13 (RD/BK)	Power, Hot with Low Beams on
10	—	not used

C202b (GV)
14401
 Multifunction switch



FEMALE

Pin	Circuit	Circuit function
1	63 (RD)	Front wiper switch circuit A
2	56 (DB/OG)	Front wiper switch circuit C
3	58 (WH)	Front wiper switch circuit B
4	61 (YE/RD)	Front wiper switch circuit H
5	589 (OG)	Front washer switch circuit W
6	57 (BK)	Ground
7	2 (WH/LB)	Turn lamps, feed, right front
8	5 (OG/LB)	Turn lamps, feed, right rear
9	9 (LG/OG)	Turn lamps, feed, left rear
10	3 (LG/WH)	Turn lamps, feed, left front
11	993 (BN/WH)	Rear washer switch circuit E – Excursion
	—	not used – Pickup
12	1300 (VT)	Rear wiper switch circuit D
	—	not used – Pickup – Excursion

C1159 (GY)

12A581

Engine
compartment lamp



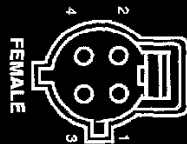
FEMALE

Pin	Circuit	Circuit function
1	54 (LG/YE)	Battery saver relay, switched output
2	57 (BK)	Ground

C1119 (BK)

12A581

Vacuum pump motor



FEMALE

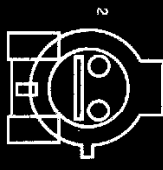
Diesel only

Pin	Circuit	Circuit function
1	-	not used
2	57 (BK)	Ground
3	-	not used
4	295 (LB/PK)	Voltage in Run (overload protected)

C150 (BK)

12A581

Wheel speed sensor, left front (2C205)



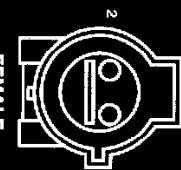
FEMALE

Pin	Circuit	Circuit function
1	522 (TN/BK)	Wheel speed sensor, left front (2C205) -
2	521 (TN/OG)	Wheel speed sensor, left front (2C205) +

C160 (BK)

12A581

Wheel speed sensor, right front (2C204)



FEMALE

Pin	Circuit	Circuit function
1	516 (YE/BK)	Wheel speed sensor, right front (2C204) -
2	514 (YE/RD)	Wheel speed sensor, right front (2C204) +

C137

(BK)

12A581

Windshield washer pump motor (17618)



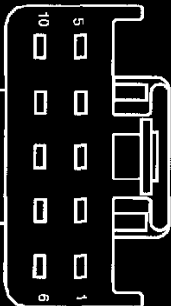
Pin	Circuit	Circuit function
1	941 (BK/WH)	Windshield washer pump motor (17618), feed - Pickup
	946 (VT/LG)	Windshield washer pump motor (17618), feed - Excursion
2	57 (BK)	Ground - Pickup
	941 (BK/WH)	Ground - Excursion

C202a

(GY)

14401

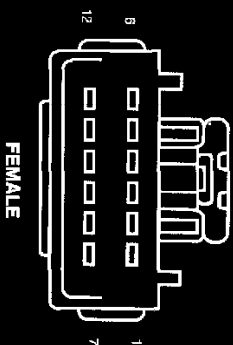
Multifunction switch



Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	44 (LB)	Turn signal flasher, to turn signal switch
3	385 (WH/RD)	Turn signal flasher, to turn signal switch
4	-	not used
5	-	not used
6	196 (DB/OG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	15 (RD/YE)	Power, Hot with Headlamps on
9	13 (RD/BK)	Power, Hot with Low Beams on
10	-	not used

C202b (GV)**14401**

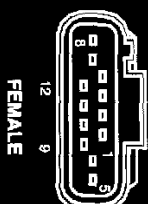
Multifunction switch



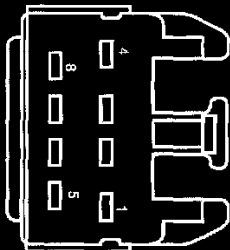
Pin	Circuit	Circuit function
1	63 (RD)	Front wiper switch circuit A
2	56 (DB/OG)	Front wiper switch circuit C
3	58 (WH)	Front wiper switch circuit B
4	61 (YE/RD)	Front wiper switch circuit H
5	589 (OG)	Front washer switch circuit W
6	57 (BK)	Ground
7	2 (WH/LB)	Turn lamps, feed, right front
8	5 (OG/LB)	Turn lamps, feed, right rear
9	9 (LG/OG)	Turn lamps, feed, left rear
10	3 (LG/WH)	Turn lamps, feed, left front
11	993 (BN/WH)	Rear washer switch circuit E - Excursion
	-	not used - Pickup
12	1300 (VT)	Rear wiper switch circuit D
	-	not used - Pickup - Excursion

C125 (BK)**12A581**

Windshield wiper motor (17D330)



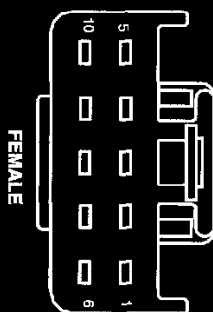
Pin	Circuit	Circuit function
1	61 (YE/RD)	Wiper switch circuit H
2	-	not used
3	676 (PK/OG)	logic ground
4	679 (GY/BK)	vehicle speed signal
5	85 (DG)	Voltage supplied at all times (overload protected)
6	57 (BK)	Ground
7	941 (BK/WH)	Windshield washer pump motor (17618) - Pickup
	946 (VT/LG)	Windshield washer pump motor (17618) - Excursion
8	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
9	63 (RD)	Wiper switch circuit A
10	56 (DB/OG)	Wiper switch circuit C
11	58 (WH)	Wiper switch circuit B
12	589 (OG)	Washer switch circuit W

C476 (GY)**14086**Rear wiper motor
assembly**FEMALE**

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	57 (BK)	Ground
3	287 (BK/LG)	Voltage in Run or Accessory (overload protected)
4	406 (BN/WH)	Voltage supplied at all times (overload protected)
5	941 (BK/WH)	Rear washer switch circuit
6	993 (BN/WH)	Rear washer switch circuit E
7	1300 (VT)	Rear wiper switch circuit D
8	-	not used

C202a (GY)**14401**

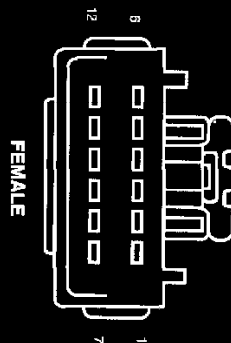
Multifunction switch

**FEMALE**

Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), to stoplamps
2	44 (LB)	Turn signal flasher, to turn signal switch
3	385 (WH/RD)	Turn signal flasher, to turn signal switch
4	-	not used
5	-	not used
6	196 (DB/OG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	15 (RD/YE)	Power, Hot with Headlamps on
9	13 (RD/BK)	Power, Hot with Low Beams on
10	-	not used

C202b (GV)**14401**

Multifunction switch

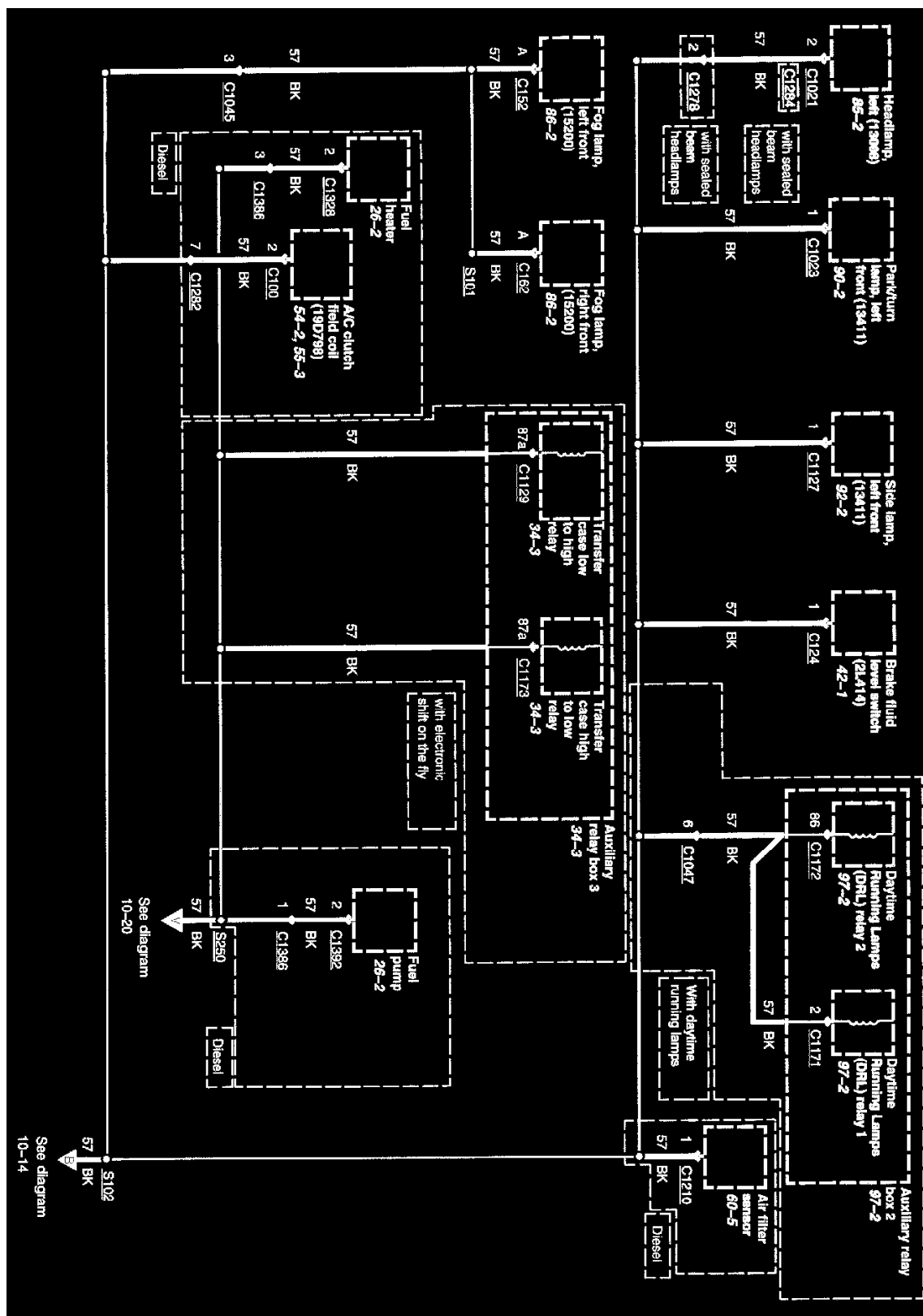


Pin	Circuit	Circuit function
1	63 (RD)	Front wiper switch circuit A
2	56 (DB/OG)	Front wiper switch circuit C
3	58 (WH)	Front wiper switch circuit B
4	61 (YE/RD)	Front wiper switch circuit H
5	589 (OG)	Front washer switch circuit W
6	57 (BK)	Ground
7	2 (WH/LB)	Turn lamps, feed, right front
8	5 (OG/LB)	Turn lamps, feed, right rear
9	9 (LG/OG)	Turn lamps, feed, left rear
10	3 (LG/WH)	Turn lamps, feed, left front
11	993 (BN/WH)	Rear washer switch circuit E - Excursion
	-	not used - Pickup
12	1300 (VT)	Rear wiper switch circuit D
	-	not used - Pickup - Excursion

Please Note

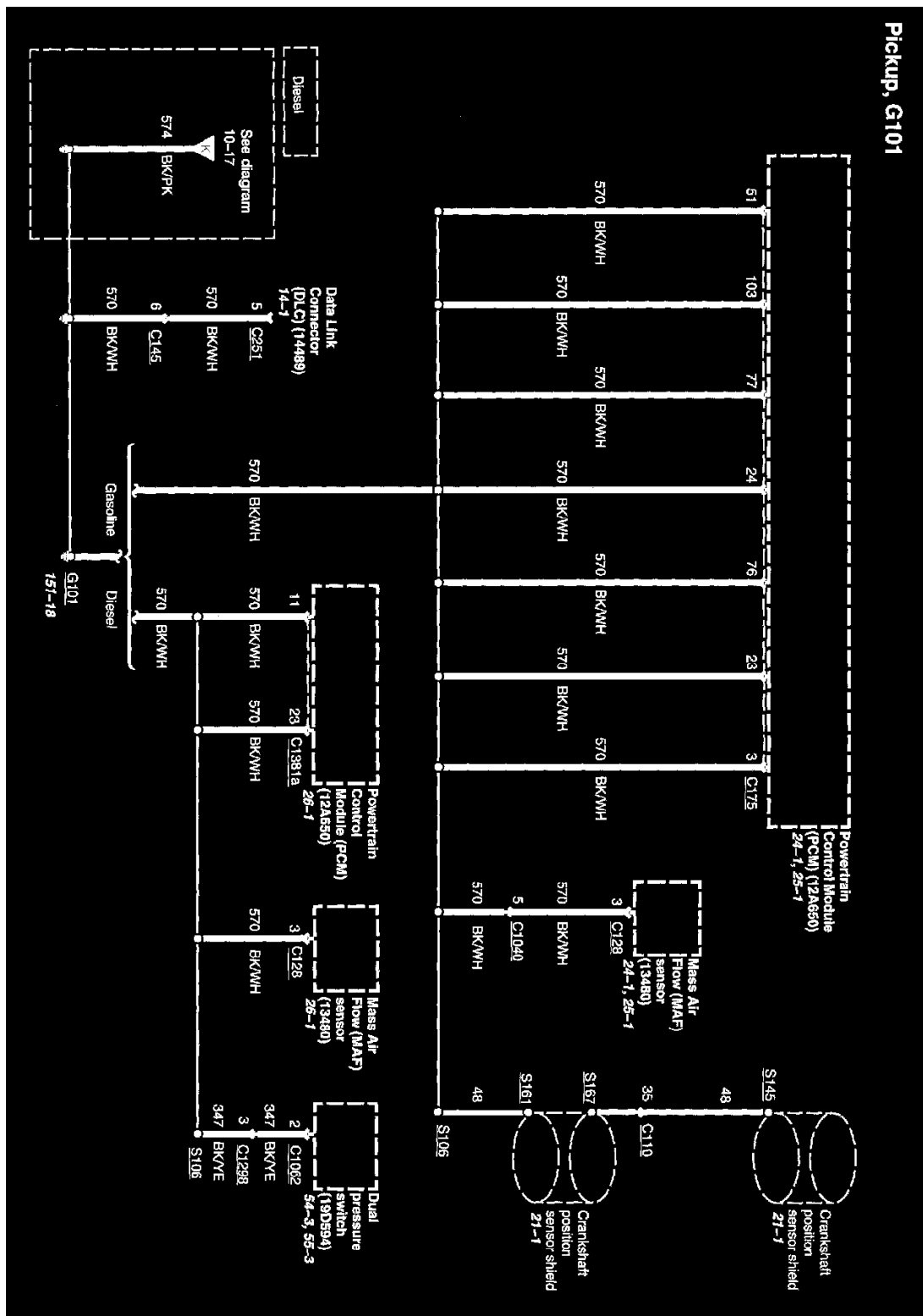
Please Note: When selecting diagrams by their ID numbers, some diagram sets may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do NOT apply to the vehicle model selected.

Pickup

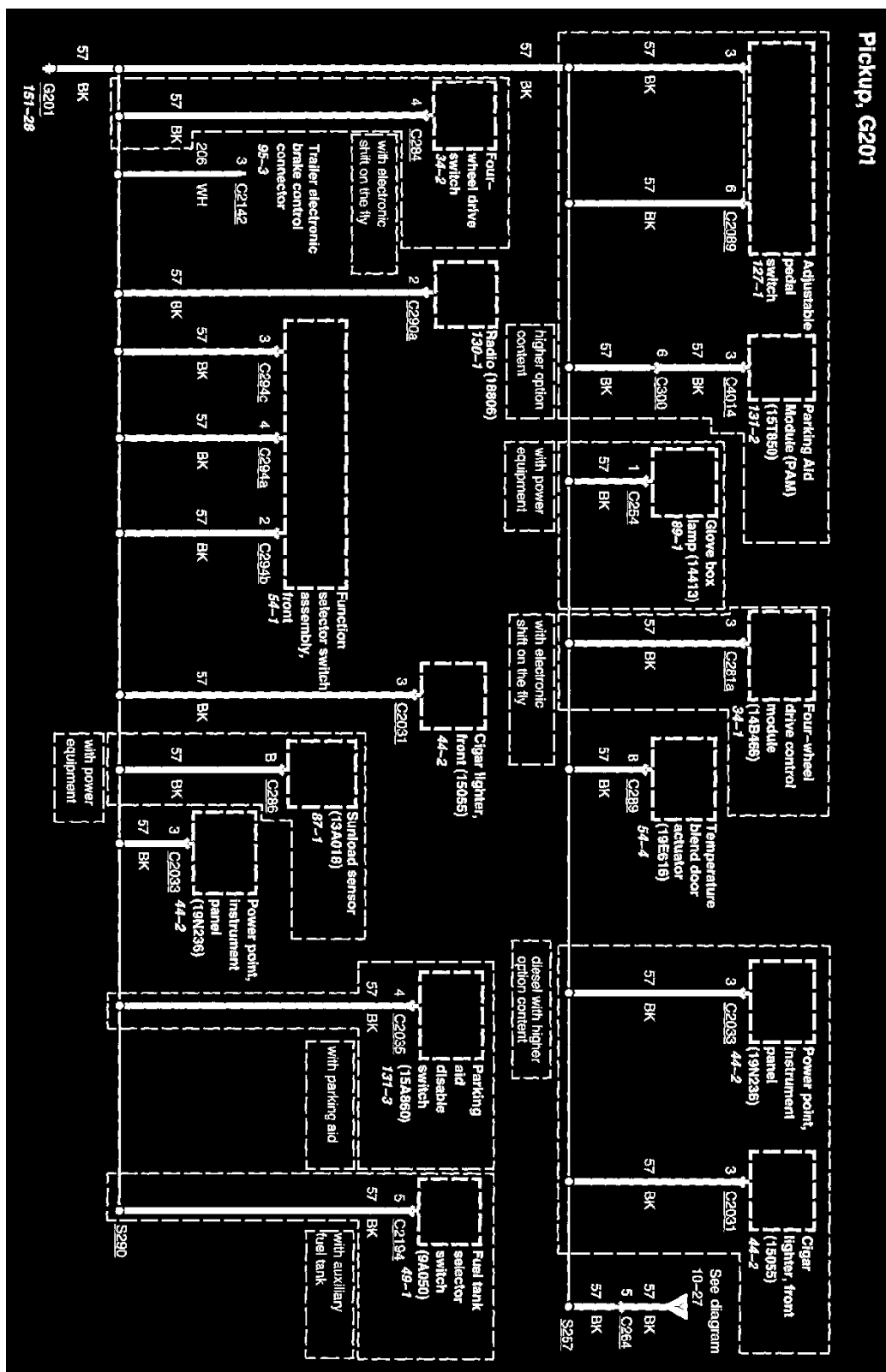


[illegible]

Pickup, G101

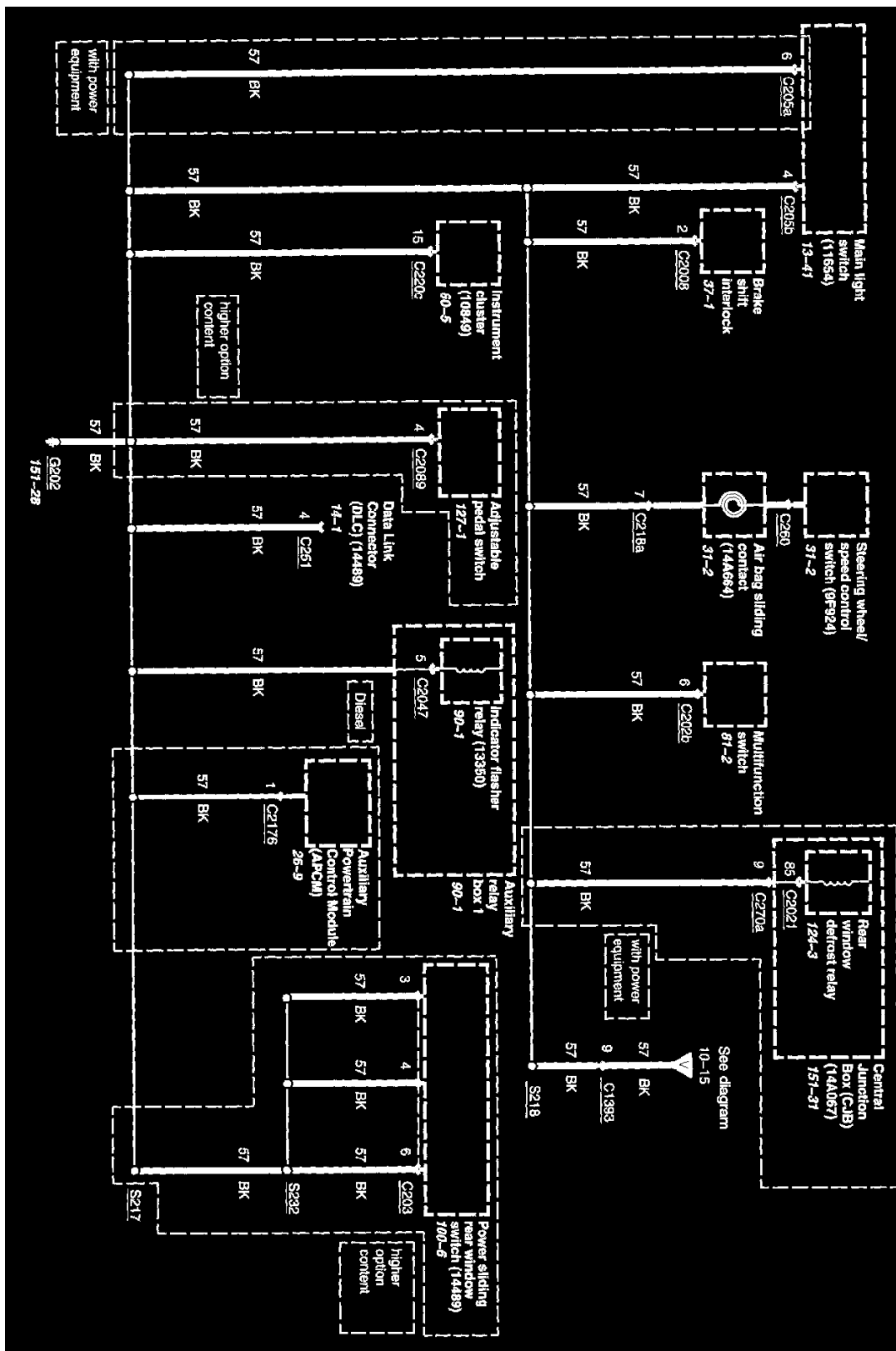






[illegible]

Pickup, G202



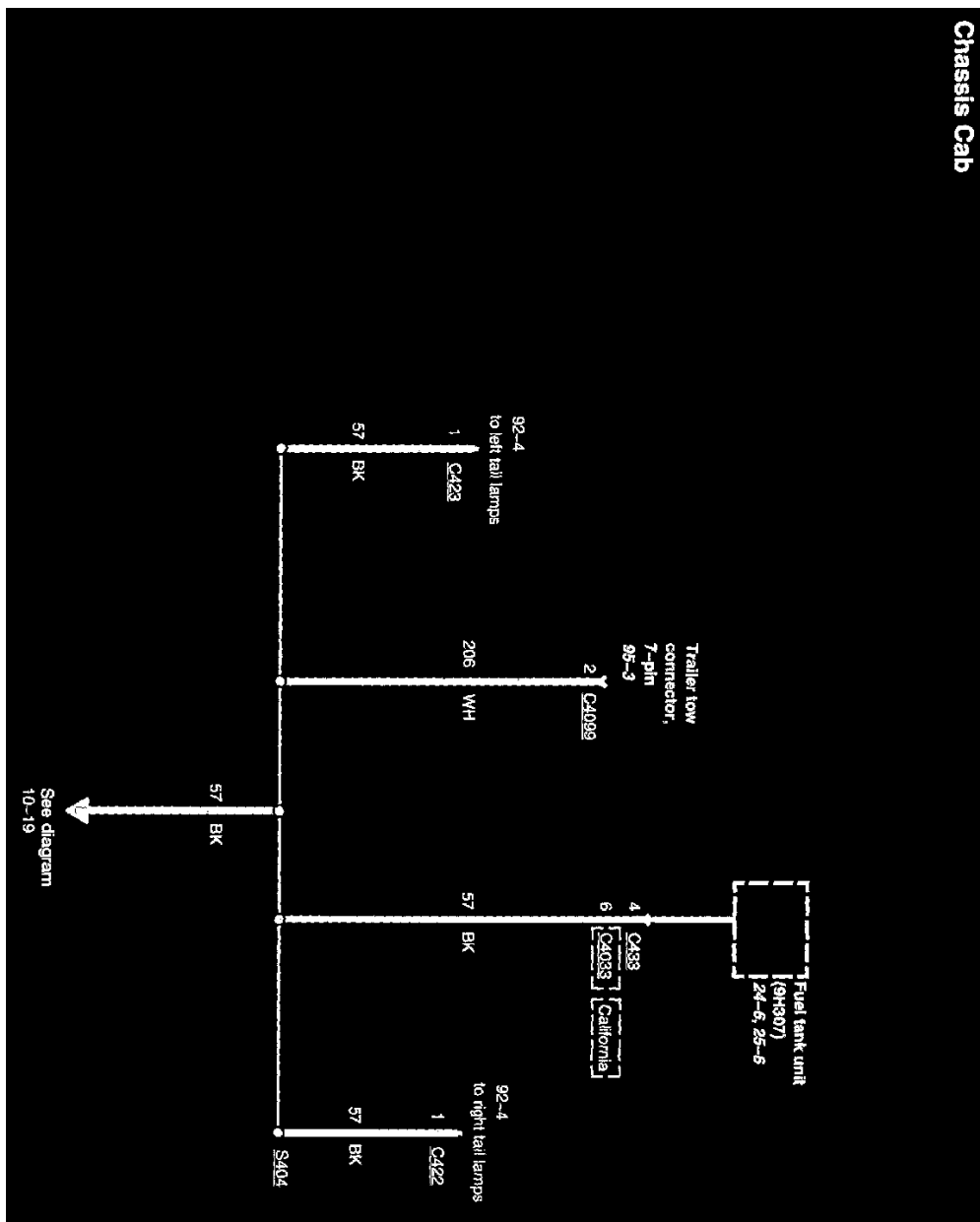
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10-22

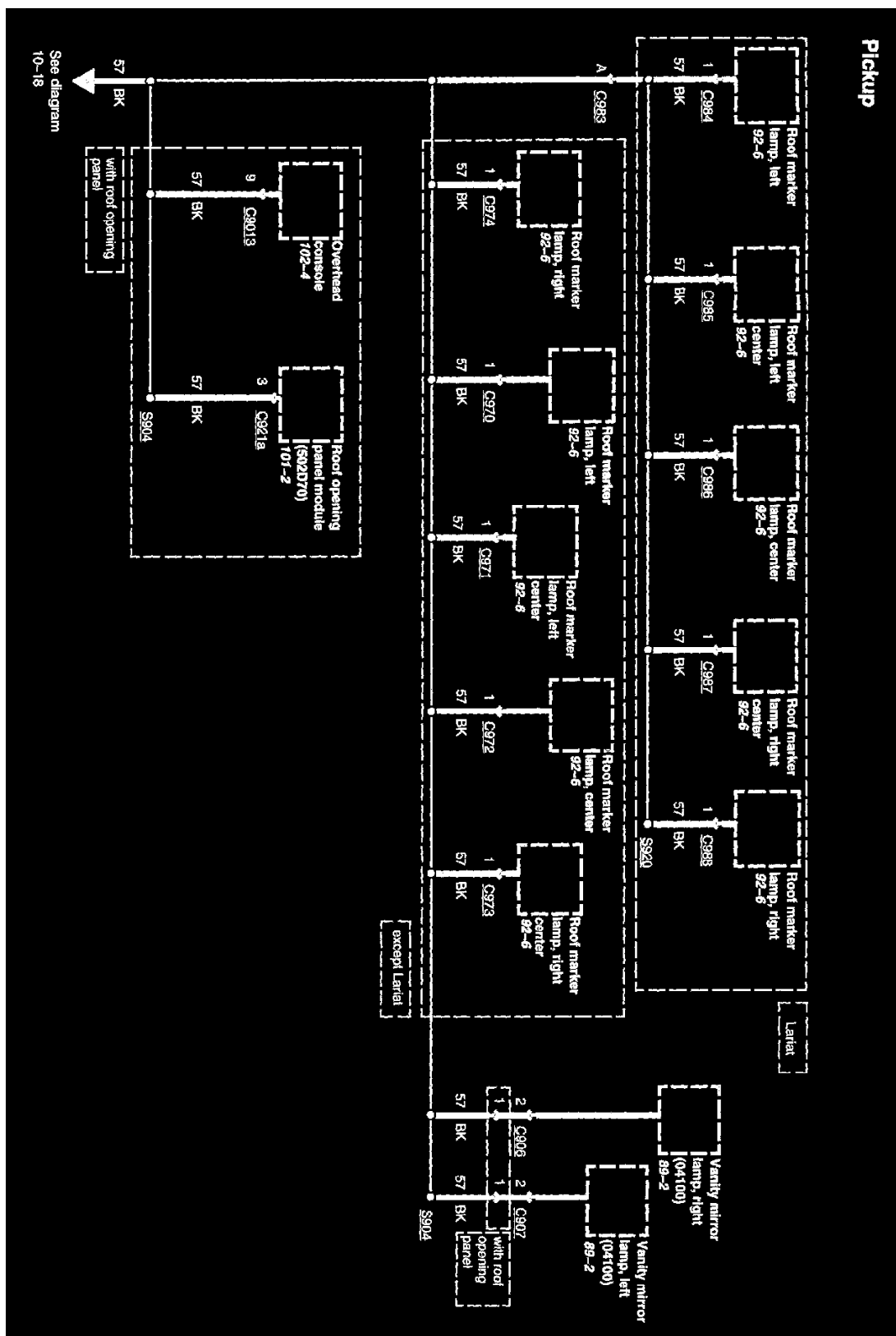
10-23



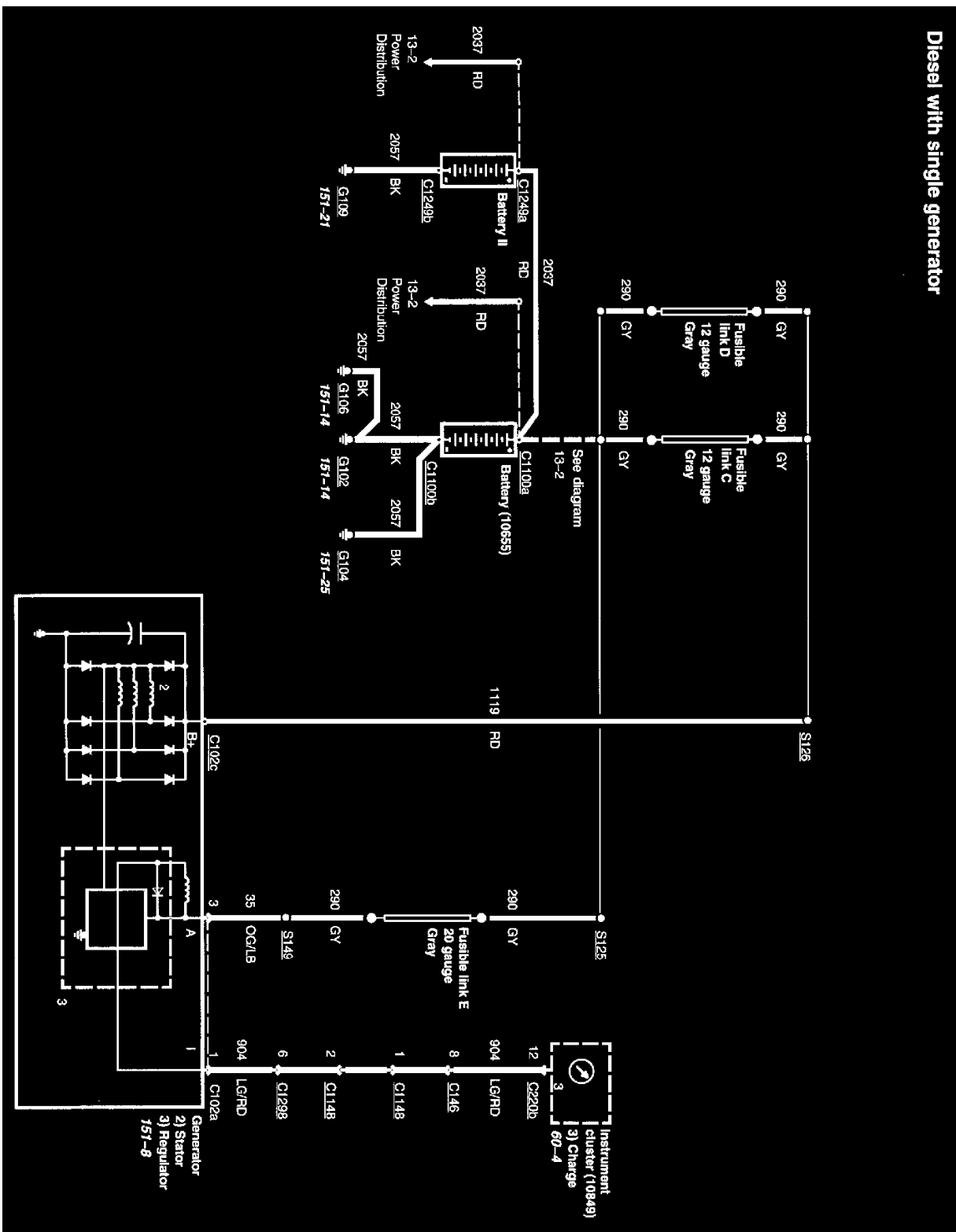
Chassis Cab







Diesel with single generator

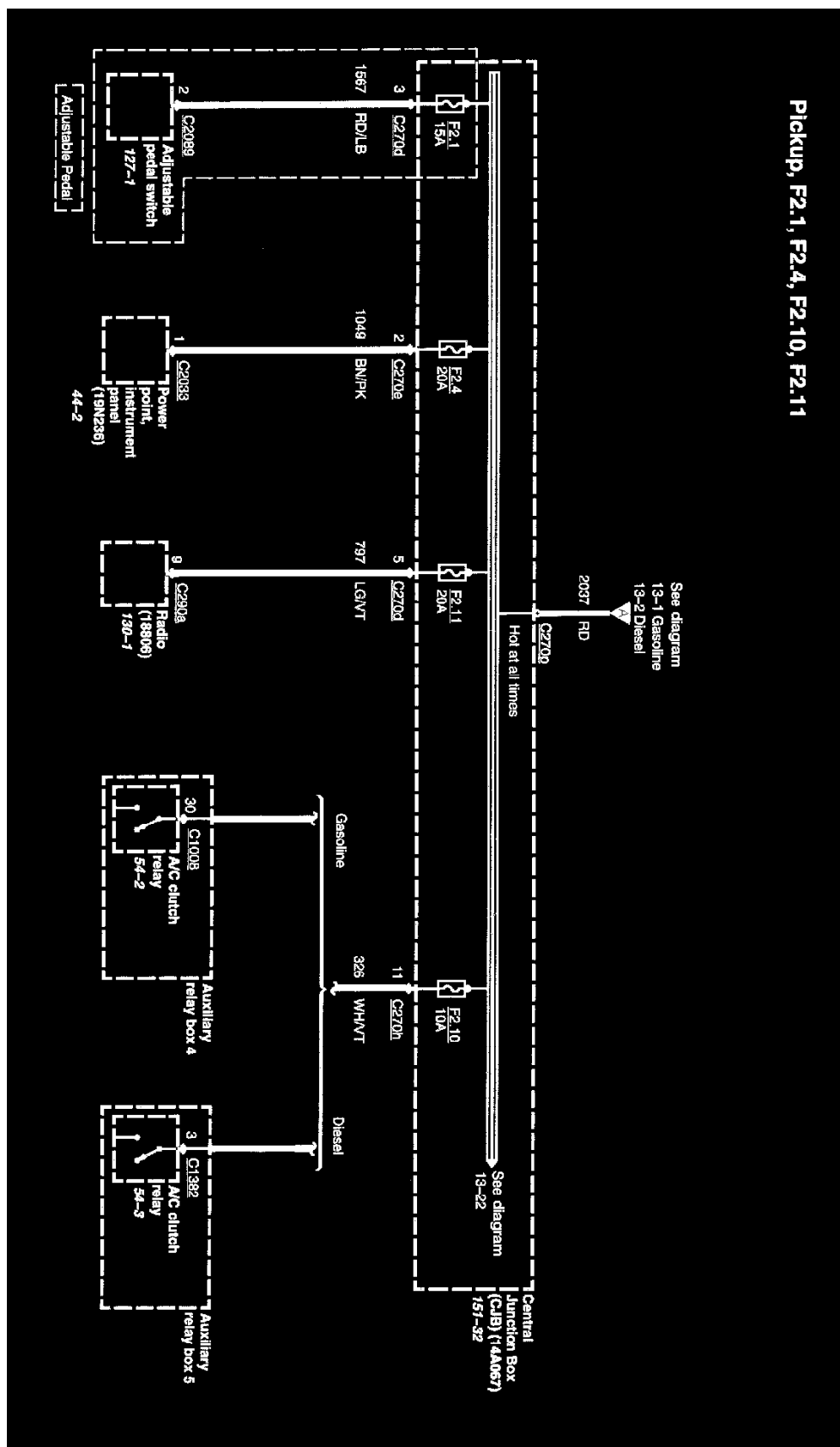


Diesel, With dual generators

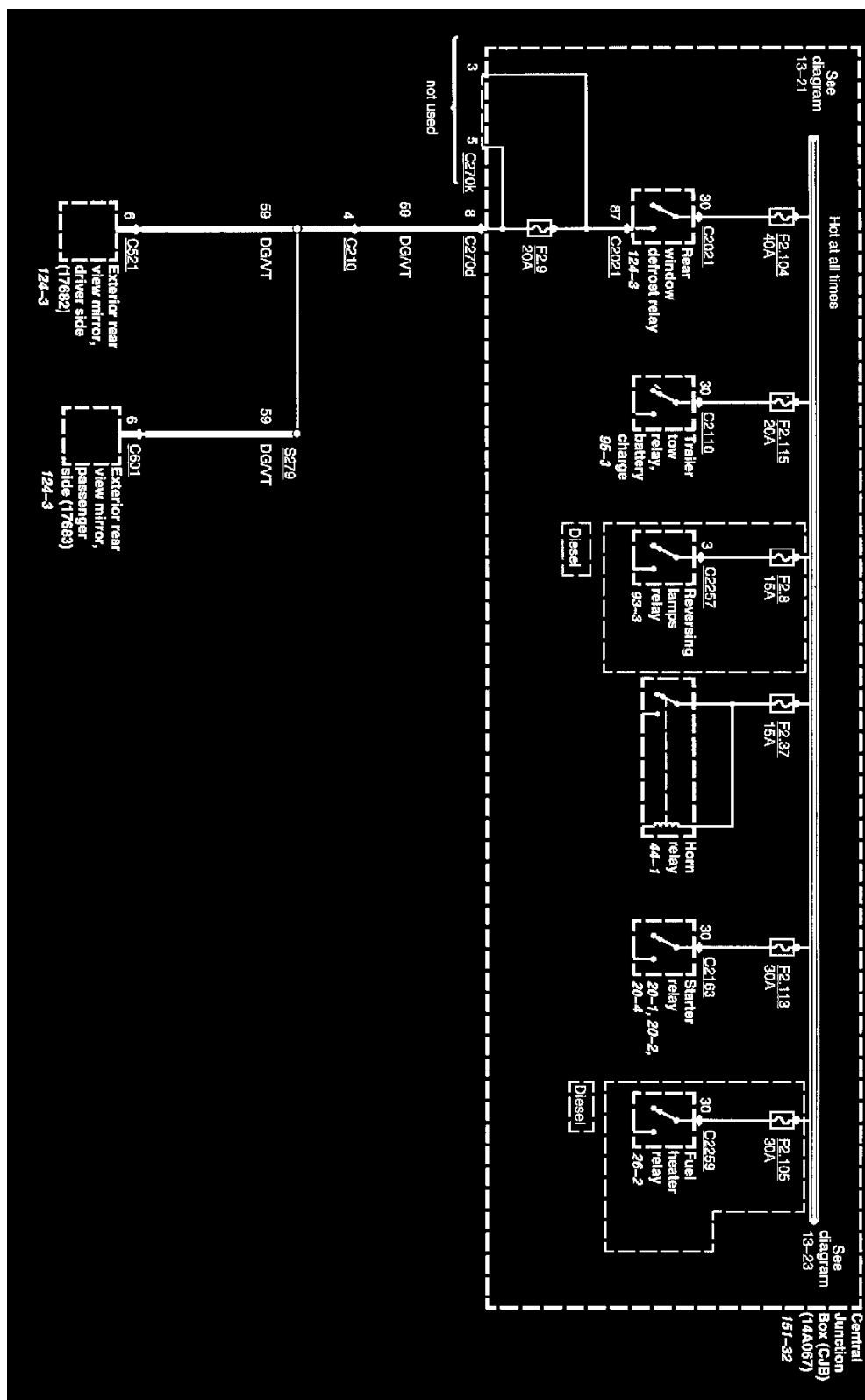
Diesel, With dual generators



Pickup, F2.1, F2.4, F2.10, F2.11

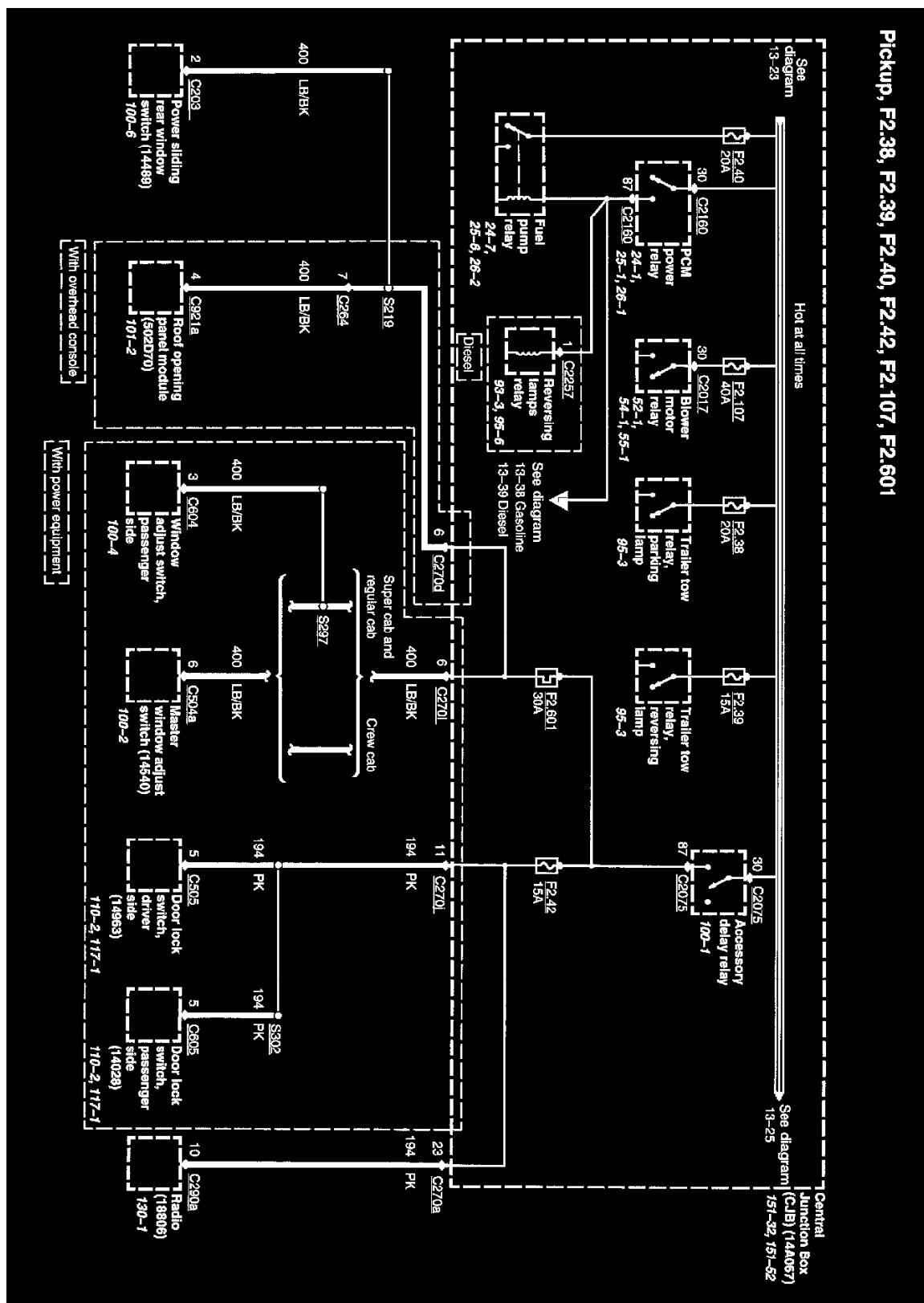


Pickup, F2.8, F2.9, F2.37, F2.104, F2.105, F2.113, F2.115



Pickup, F2.6, F2.12, F2.114, F2.602

Pickup, F2.38, F2.39, F2.40, F2.42, F2.107, F2.601



Pickup, F2.13, F2.17, F2.19, F2.20

The diagram illustrates the electrical system for a pickup truck, focusing on the Central Junction Box (CJB) and its connections to various components. The CJB is shown as a central hub with multiple terminals and internal wiring. Key components and their connections include:

- F2.13 (5A):** Connected to the CJB terminal 3 (C270) and the OGI/G (956).
- F2.19 (10A):** Connected to the CJB terminal 7 (C270a) and the PK/MH (1306) with electronic shift on the fly.
- F2.20 (10A):** Connected to the CJB terminal 1 (C270b) and the TN/VE (792).
- F2.17 (15A):** Connected to the CJB terminal 10 (C270b) and the TN/WH (195) without power equipment.
- Main light switch (11654):** Connected to the CJB terminal 10 (C205a) and the Main light switch (13-41).
- Fuel injector control module (FICM):** Connected to the CJB terminal 2 (C1235) and the Fuel injector control module (26-3).
- Relay/Box 5:** Connected to the CJB terminal 2 (C1235) and the Fuel injector control module (26-3).
- Exterior rear view mirror switch (175576):** Connected to the CJB terminal 1 (C27) and the Exterior rear view mirror switch (124-2).
- Four-wheel drive control module (14B466):** Connected to the CJB terminal 1 (C281a) and the Four-wheel drive control module (34-2).
- Vehicle Security Module (VSM):** Connected to the CJB terminal 3 (C2113b) and the Vehicle Security Module (15K602).
- Keyless entry:** Connected to the CJB terminal 3 (C2113b) and the Keyless entry (59-1).
- PK/MH (1306):** Connected to the CJB terminal 1 (C281a) and the PK/MH (1306).
- OGI/G (956):** Connected to the CJB terminal 3 (C270) and the OGI/G (956).
- TN/VE (792):** Connected to the CJB terminal 1 (C270b) and the TN/VE (792).
- TN/WH (195):** Connected to the CJB terminal 10 (C270b) and the TN/WH (195).

The diagram also shows the Central Junction Box (CJB) with its terminals and the various components connected to it. The CJB is labeled as (CJB) (14A067) and is connected to the pickup truck's electrical system.

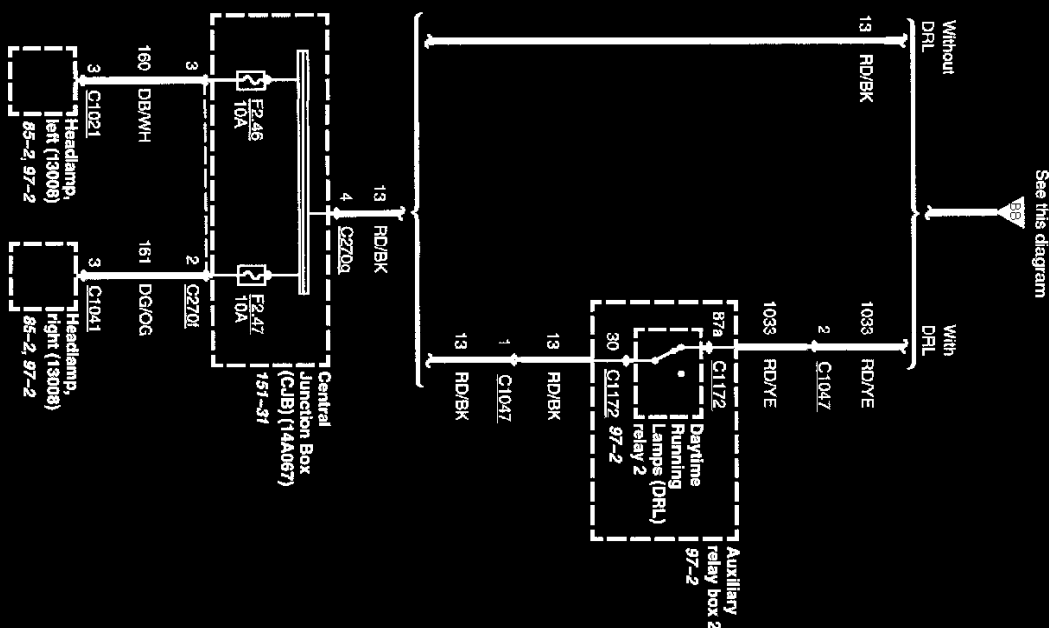
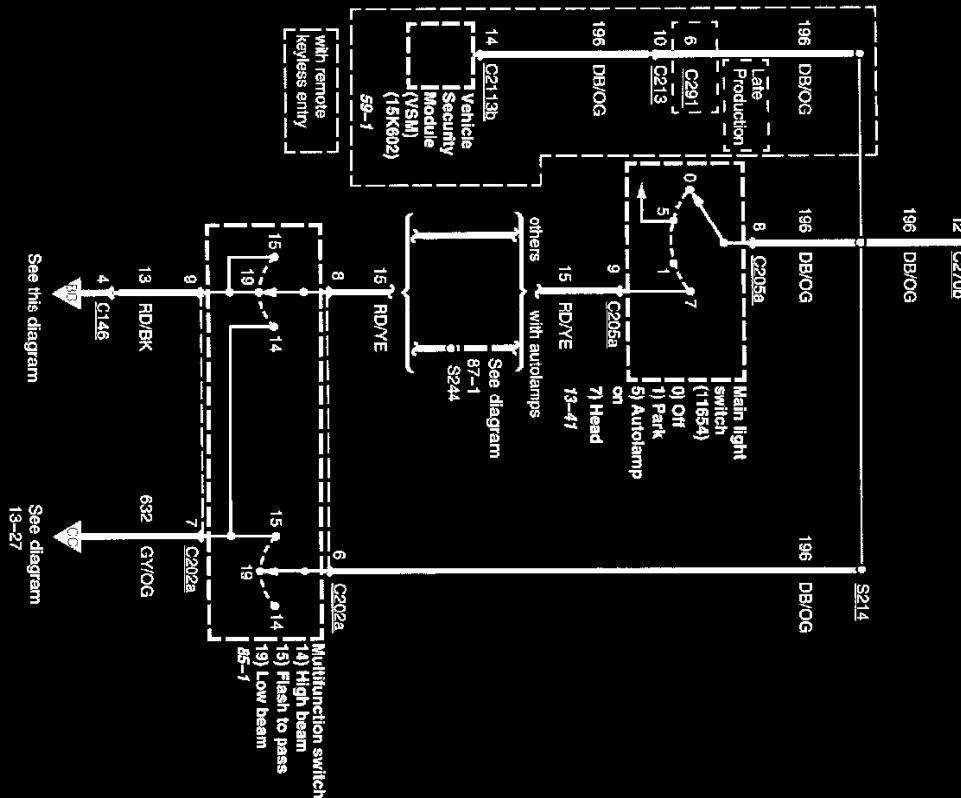
Central Junction Box
[(Cub) 14A067]
157-37
See diagram 13-28

Hol at all times

See diagram 13-25

Fc-7
30A

10
Control



Pickup, F2.30

See diagram 13-26

632 GY/OG

7 C270b

F2.30
15A

1 C270h

12 LG/BK

12 LG/BK

12 LG/BK

12 LG/BK

1 C1278

1 C1281

1 C1284

1 C1021

Headlamp, left (13008)
85-2

Headlamp, right (13008)
85-2

with sealed beam headlamps

1 C1285

1 C1041

9 C270b

12 LG/BK

Without fog lamps

With fog lamps

Central Junction Box (CJB) (14A067)
151-31, 151-32

5 C220c

12 LG/BK

Instrument cluster (10949)
60-5

13 C270a

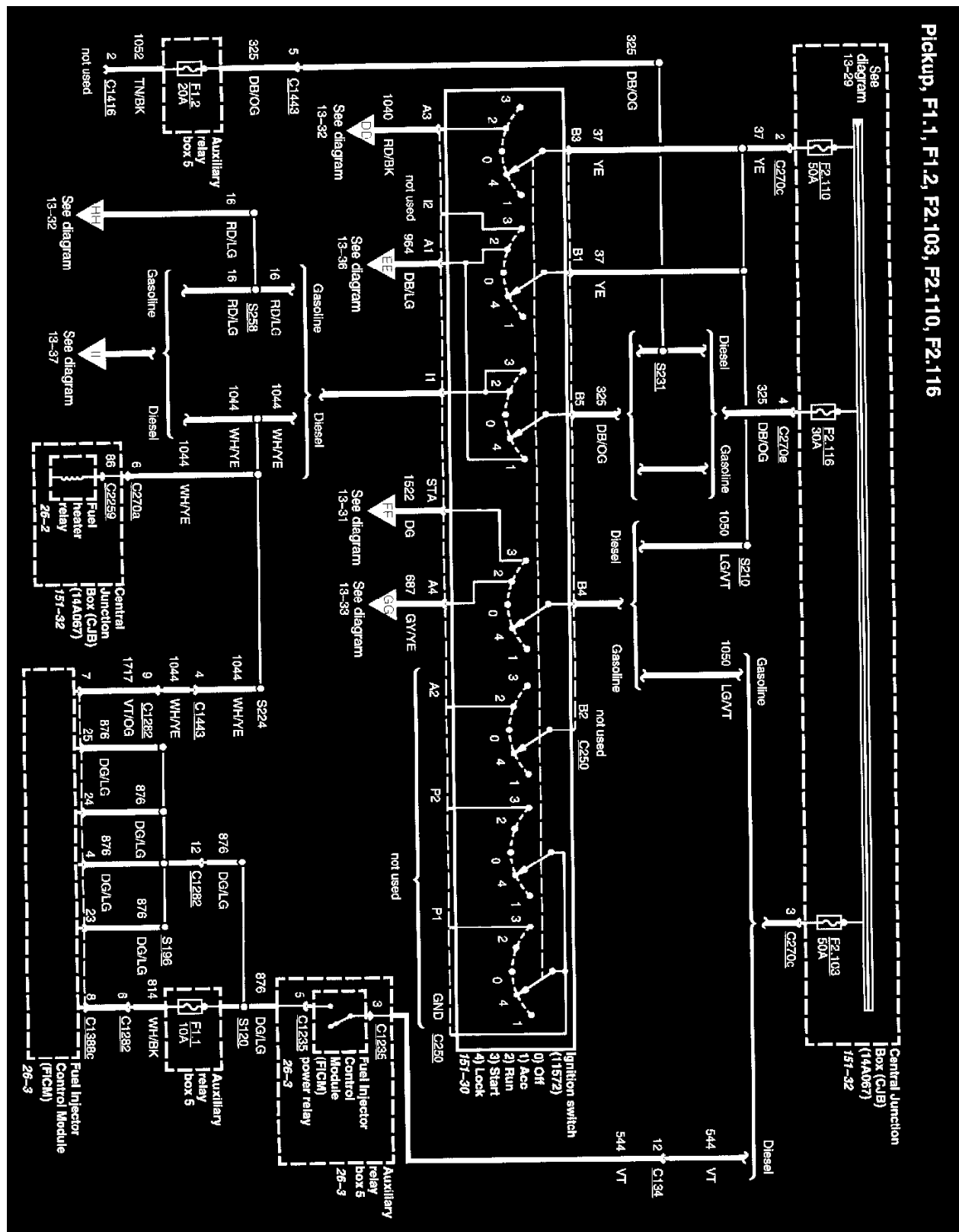
Fog lamp relay
86-2

Central Junction Box (CJB) (14A067)
151-31

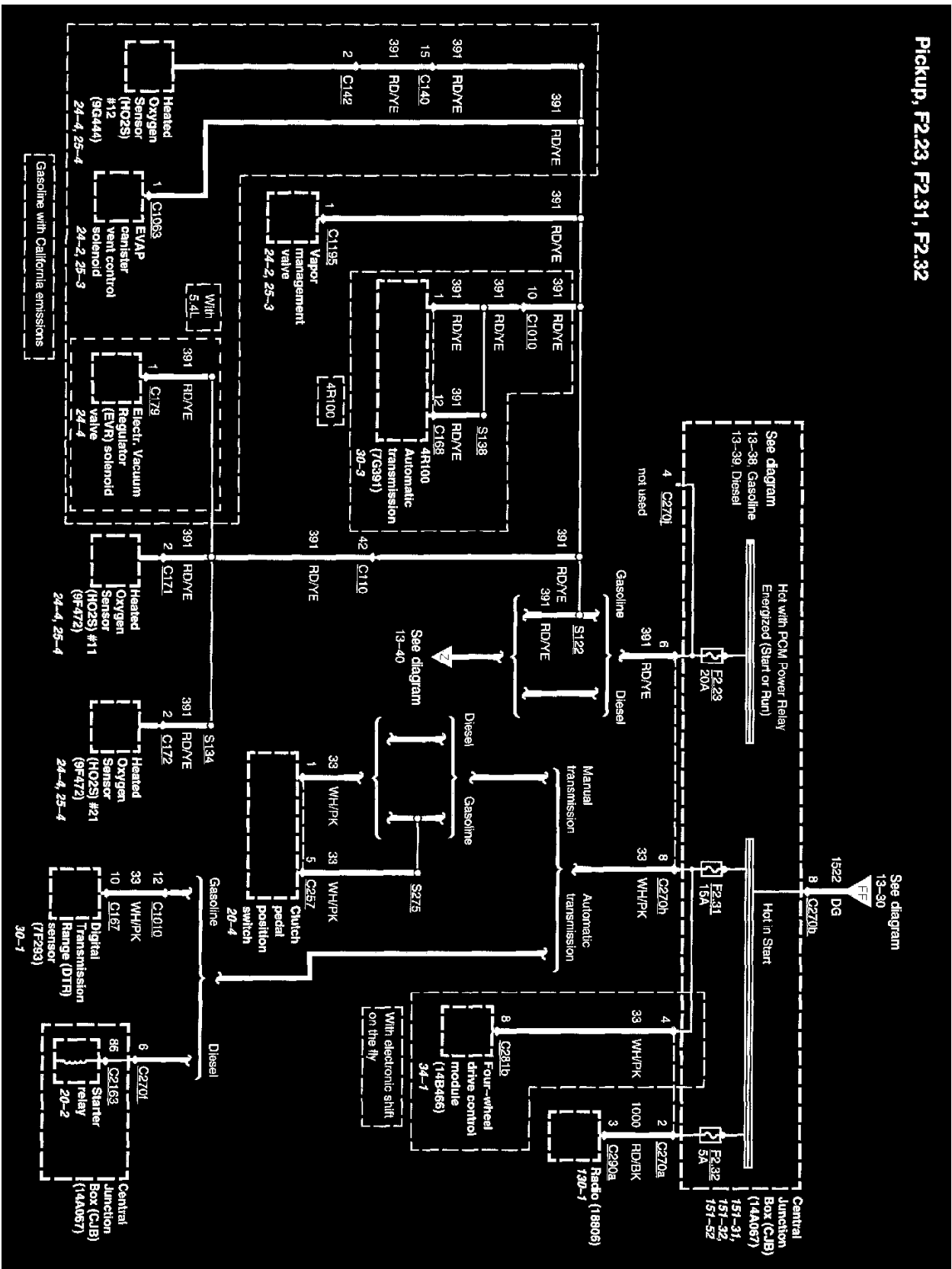
[illegible]

Pickup, F2.14, F2.35, F2.36, F2.41, F2.101, F2.102, F2.106, F2.109, F2.112

Pickup, F1.1, F1.2, F2.103, F2.110, F2.116



Pickup, F2.23, F2.31, F2.32







Pickup

The diagram illustrates the electrical system for a Pickup truck, detailing the connections for various components and options. The main power source is the Central Junction Box (CJB) (14A067), which provides power to the engine's electronic shift system (151-37) and the base model's electronic shift system (13-83). The engine options are Gasoline (without electronic shift on the fly or diesel) and Gasoline with electronic shift on the fly or diesel with higher option content. The Gasoline engine is connected to the Speed control servo (3C/35) (31-1) and the Vacuum pump motor (54-3). The Diesel engine is connected to the Vacuum pump motor (54-3). The Electronic Shift On the Fly (ESOF) solenoid (34-3) is connected to the 295 LB/PK line. The DRL (Daytime Running Light) options are shown at the bottom, with connections for the 295 LB/PK line and the 13-35 line. The diagram includes a note: "See diagram 13-35" and "With DRL".

See diagram 13-83

Central Junction Box (CJB) (14A067)

151-37

Gasoline without electronic shift on the fly or diesel base model

Gasoline with electronic shift on the fly or diesel with higher option content

295 LB/PK

7

Gasoline

Diesel

Speed control servo (3C/35) (31-1)

Vacuum pump motor (54-3)

Electronic Shift On the Fly (ESOF) solenoid (34-3)

Without DRL equipped

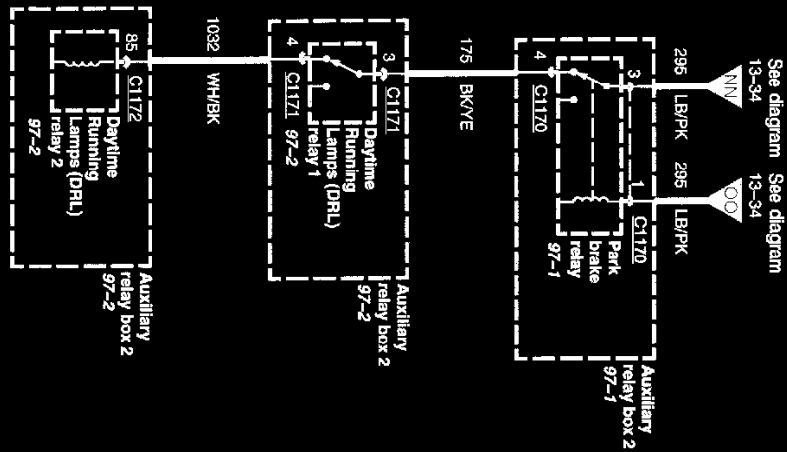
With DRL equipped

See diagram 13-35

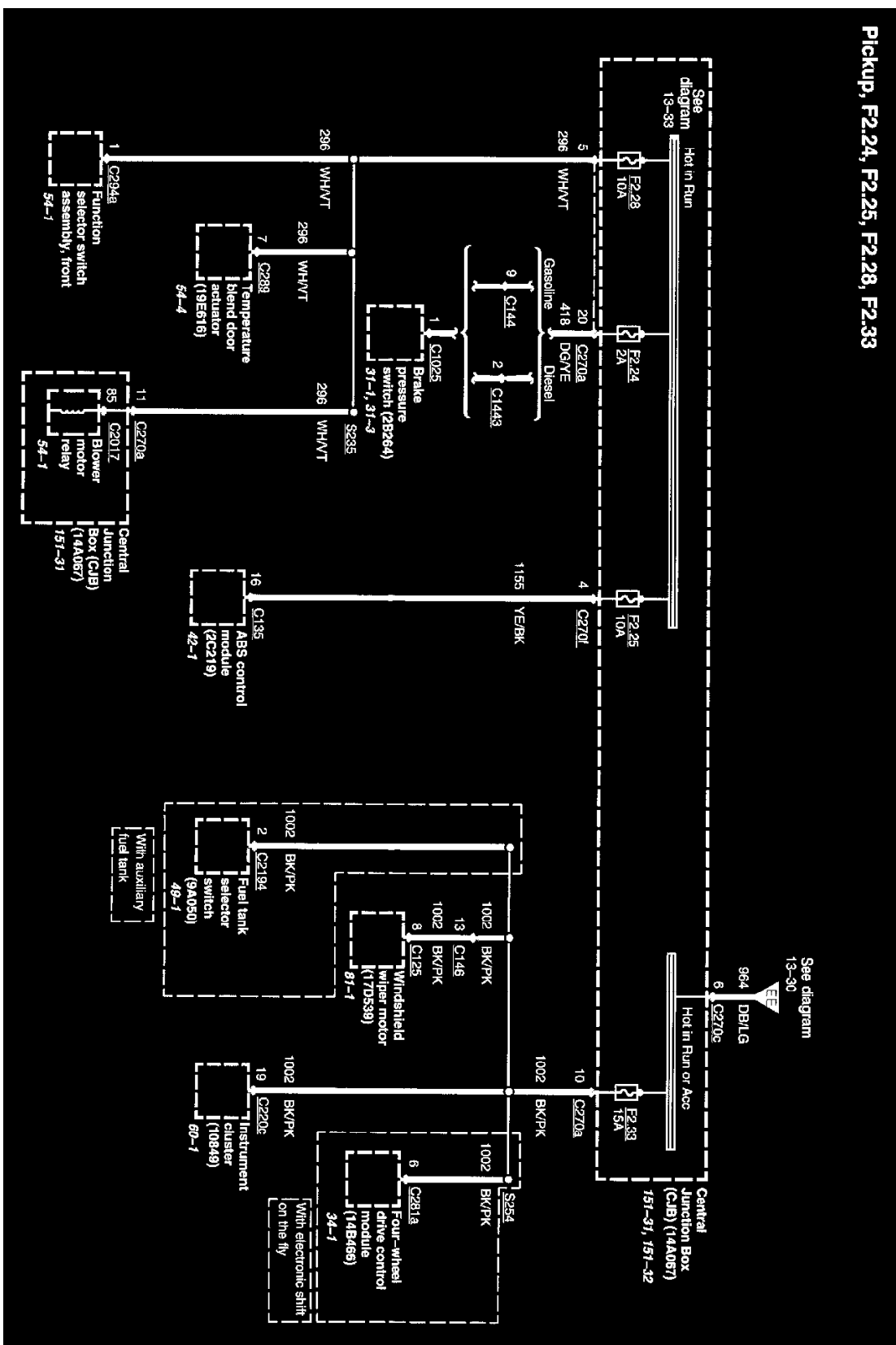
See diagram 13-35

With DRL

Pickup



Pickup, F2.24, F2.25, F2.28, F2.33



Pickup, F2.43, F2.45

See diagram
13-30

[104] W/H/Y/E [Diesel]
16 RD/LG

4 C270c

Hold In Start or Run

86 C216D power relay 24-1, 26-1

F2.45 10A

Fog lamp relay 86-2

Central Junction Box (CJB) (4A067)
151-32

8 C270a

640 RD/YE 640 RD/YE 640 RD/YE 640 RD/YE 640 RD/YE 640 RD/YE 640 RD/YE

Gasoline Diesel Instrument cluster (10849) 60-1

2 C2135 Overdrive cancel switch (7A350) 30-2

2 C2255 Tow/Haul switch 29-1

C220C

5 C231a Four-wheel drive control module (14B368) 34-1

Diesel Auxiliary Powertrain Control Module (APCM) 26-9

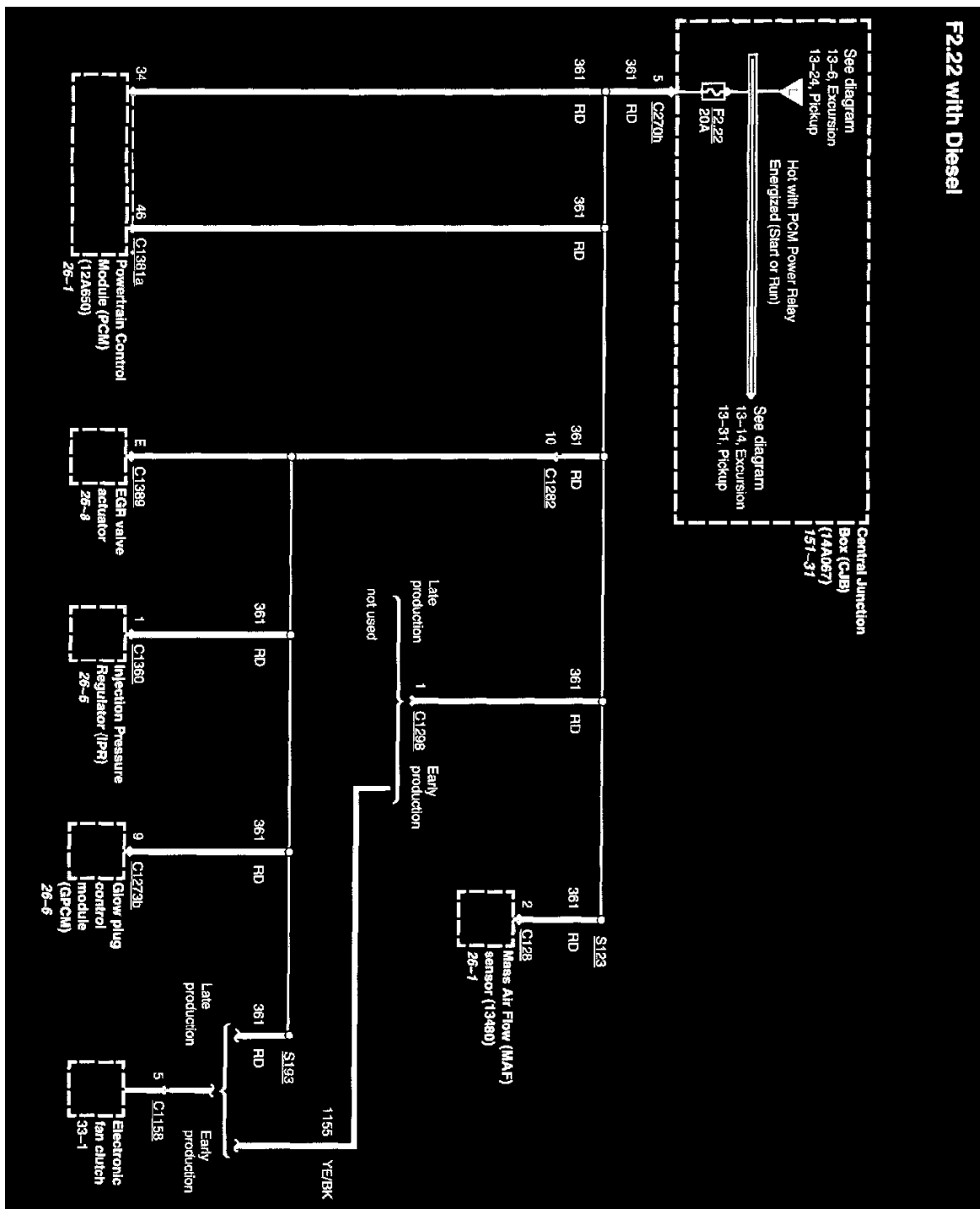
3 C2176

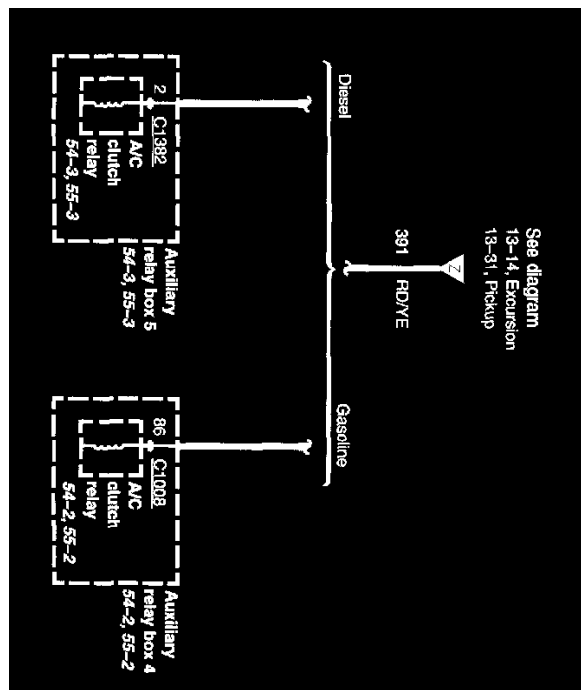
5 C194

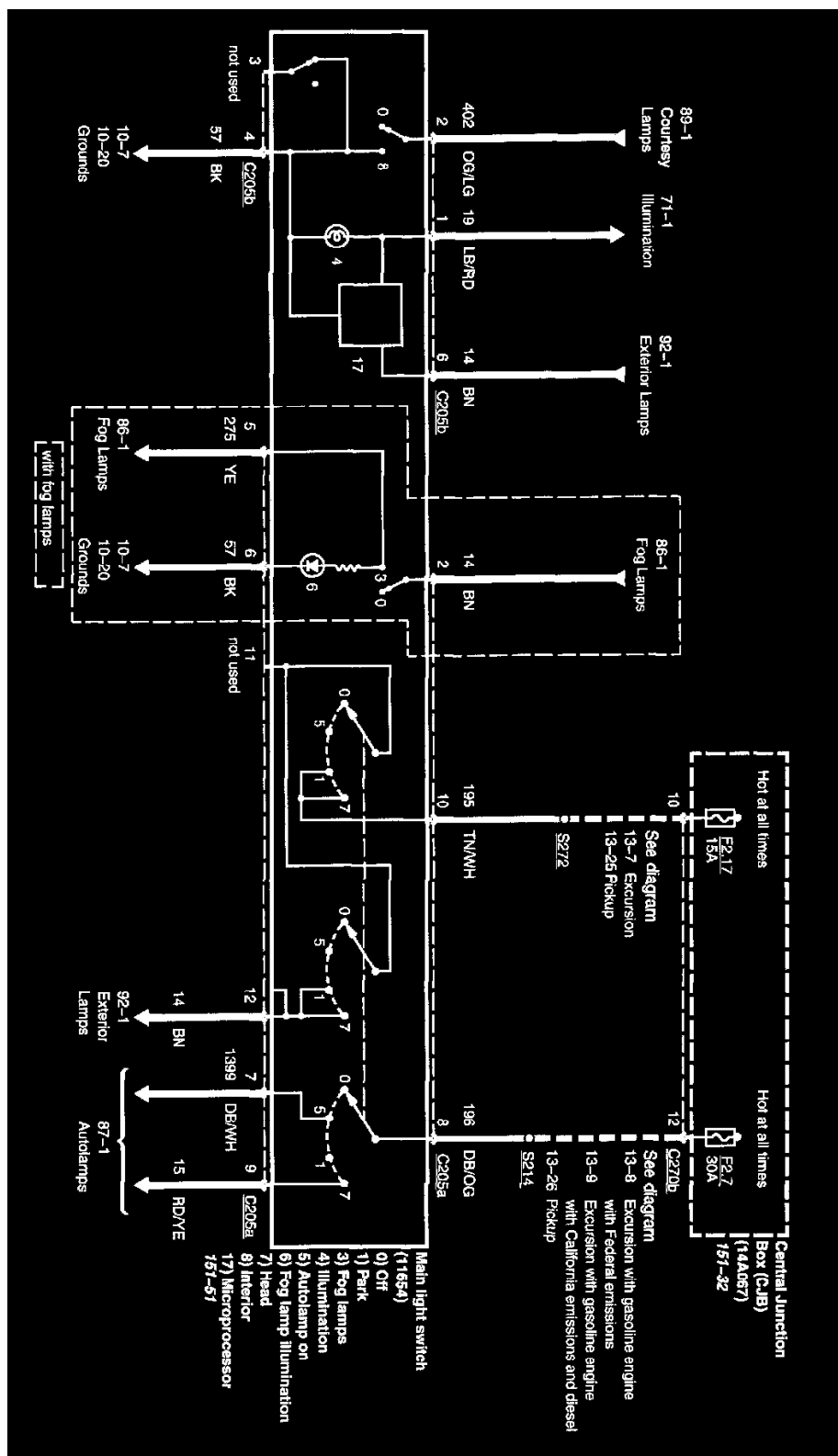
4 C257 Clutch pedal position switch 20-4

with electronic shift on the fly

Diesel with manual transmission

F2.22 with Diesel





ISO Bus

Central Junction Box (CJB) (14469) 13-5, 13-23

Hot at all times
E2J2
20A

See diagram 13-5, 13-23
C270d
S242

Excursion
C945
C936
C284
C930
C9013
C281b
C2041
C141E
S181
C146
C4014
C300
C339
C210
S225

Pickup
with roof opening panel
with electronic shift on the fly
Diesel

Overhead console 102-2, 102-3
Trip Computer 102-1

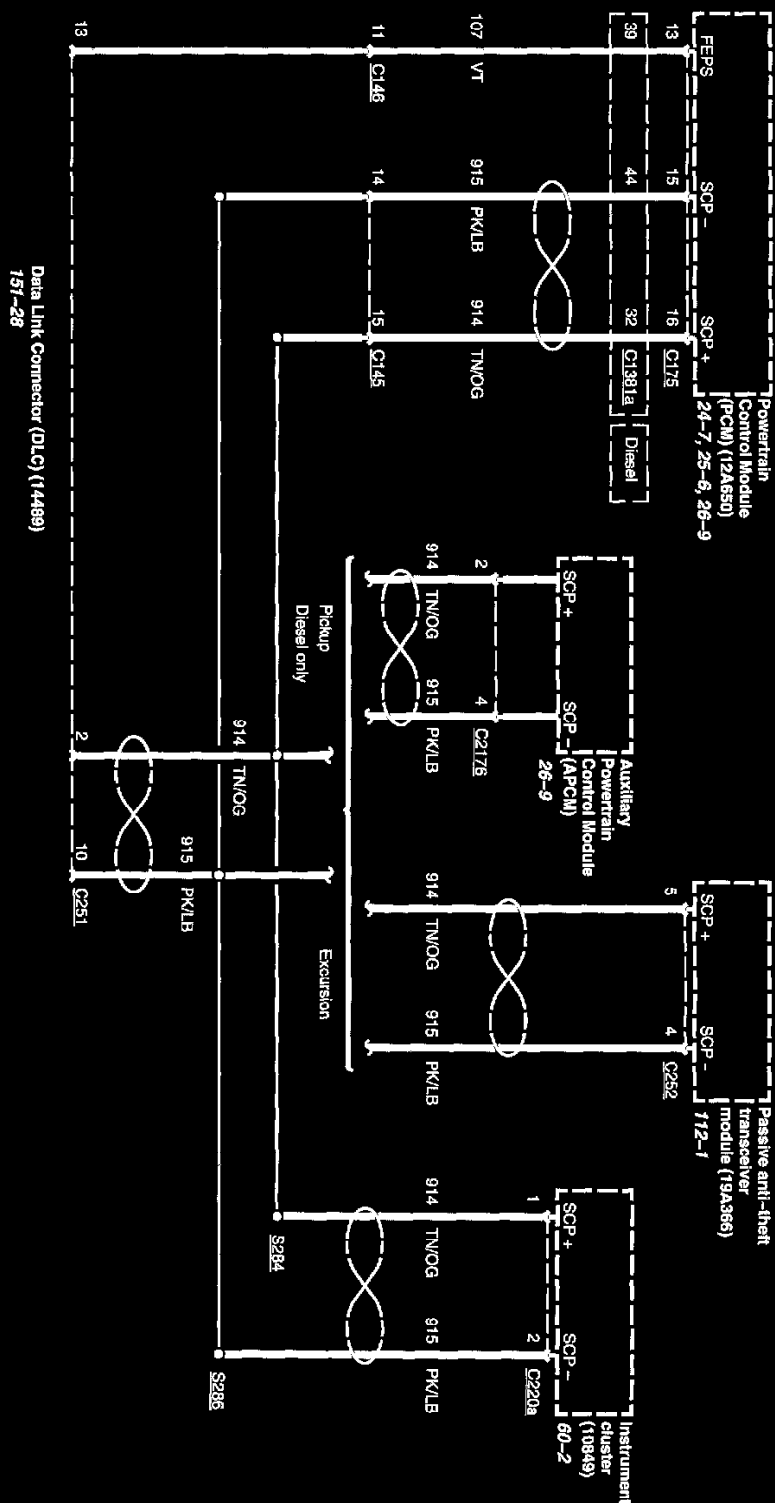
Four-wheel drive control module 14B456 34-1
Restraints control module 14B321 46-2
ABS control module 2C219 42-2
Parking Aid (PAW) module 151750 137-3

16 40 70 13 5 10 3 15 4 6 16

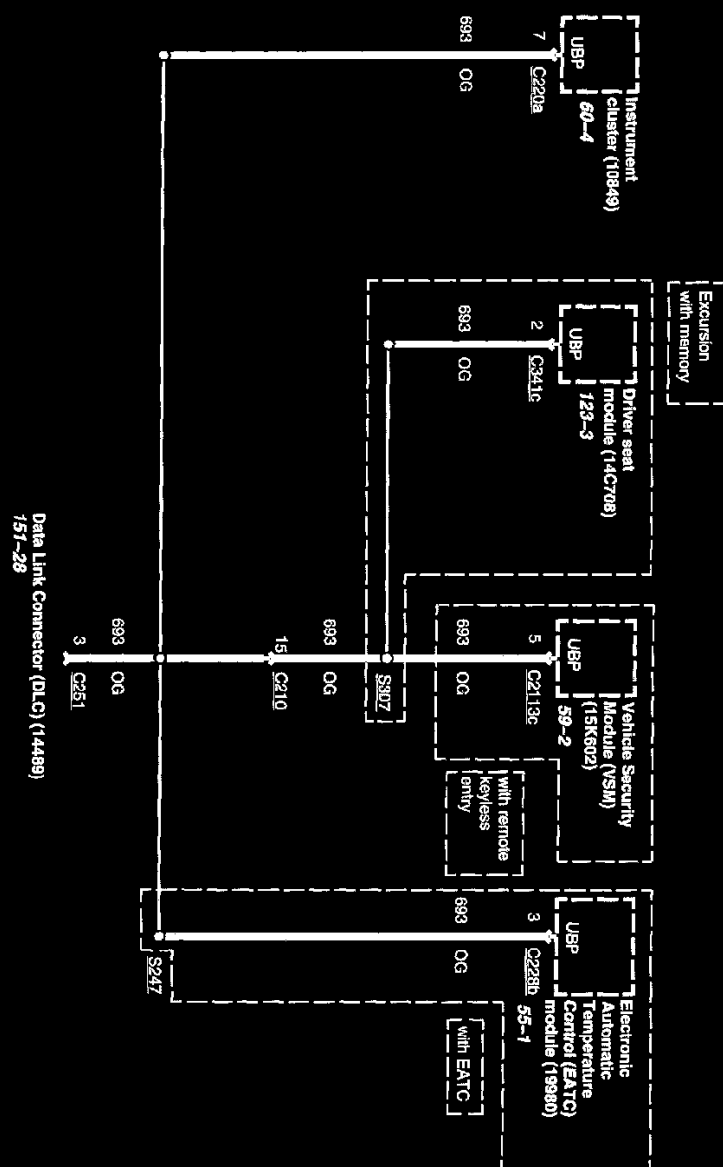
LB4WH
C251
BK 57
BK4WH 570
S217
See diagram 10-7
10-20
G202
G101

Data Link Connector (DLC) (14469) 151-28

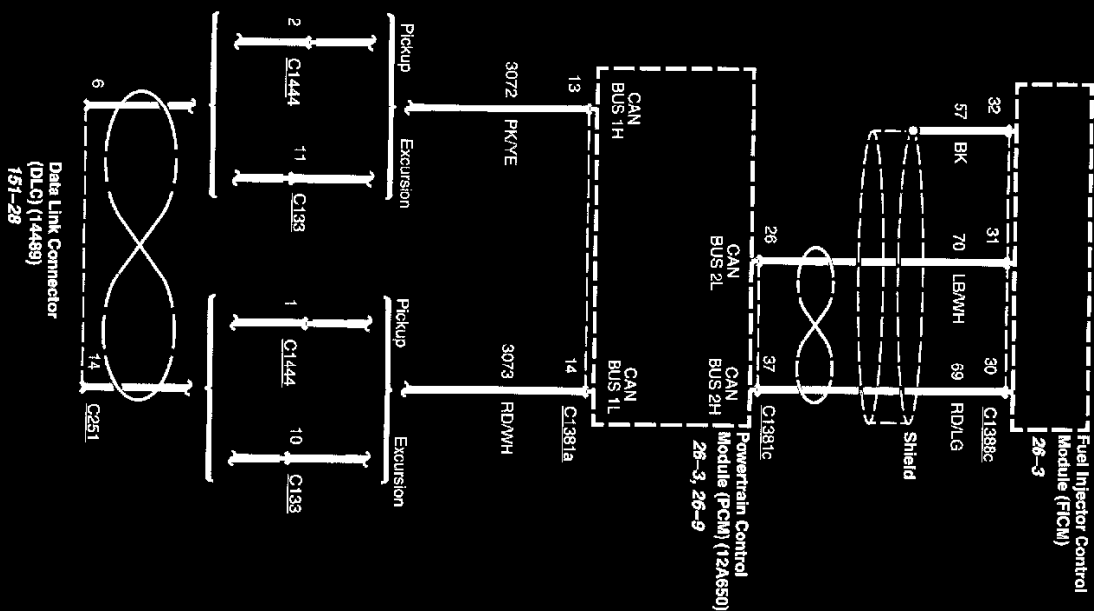
SCP Bus



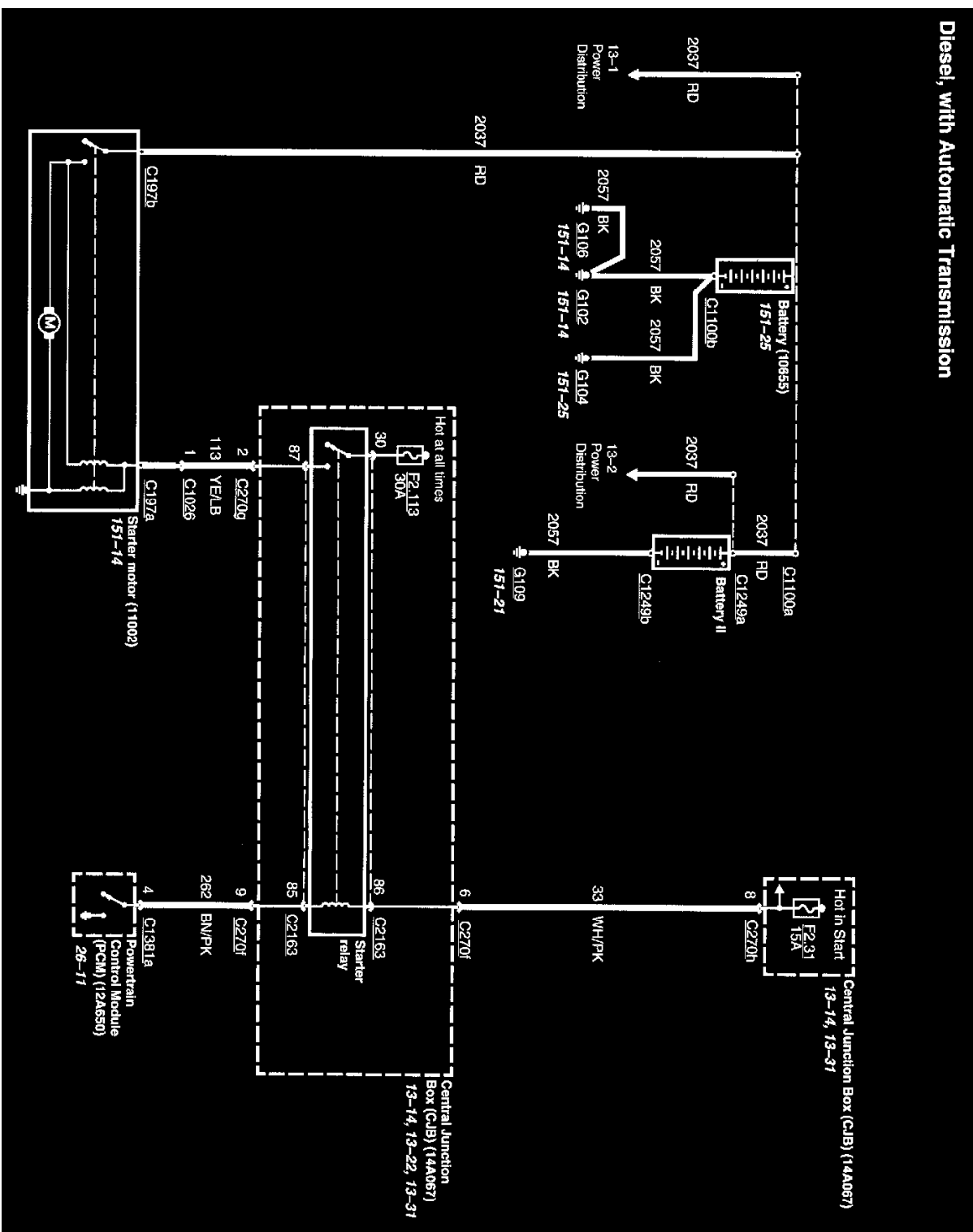
UBP Bus



CAN Bus (diesel)



Diesel, with Automatic Transmission



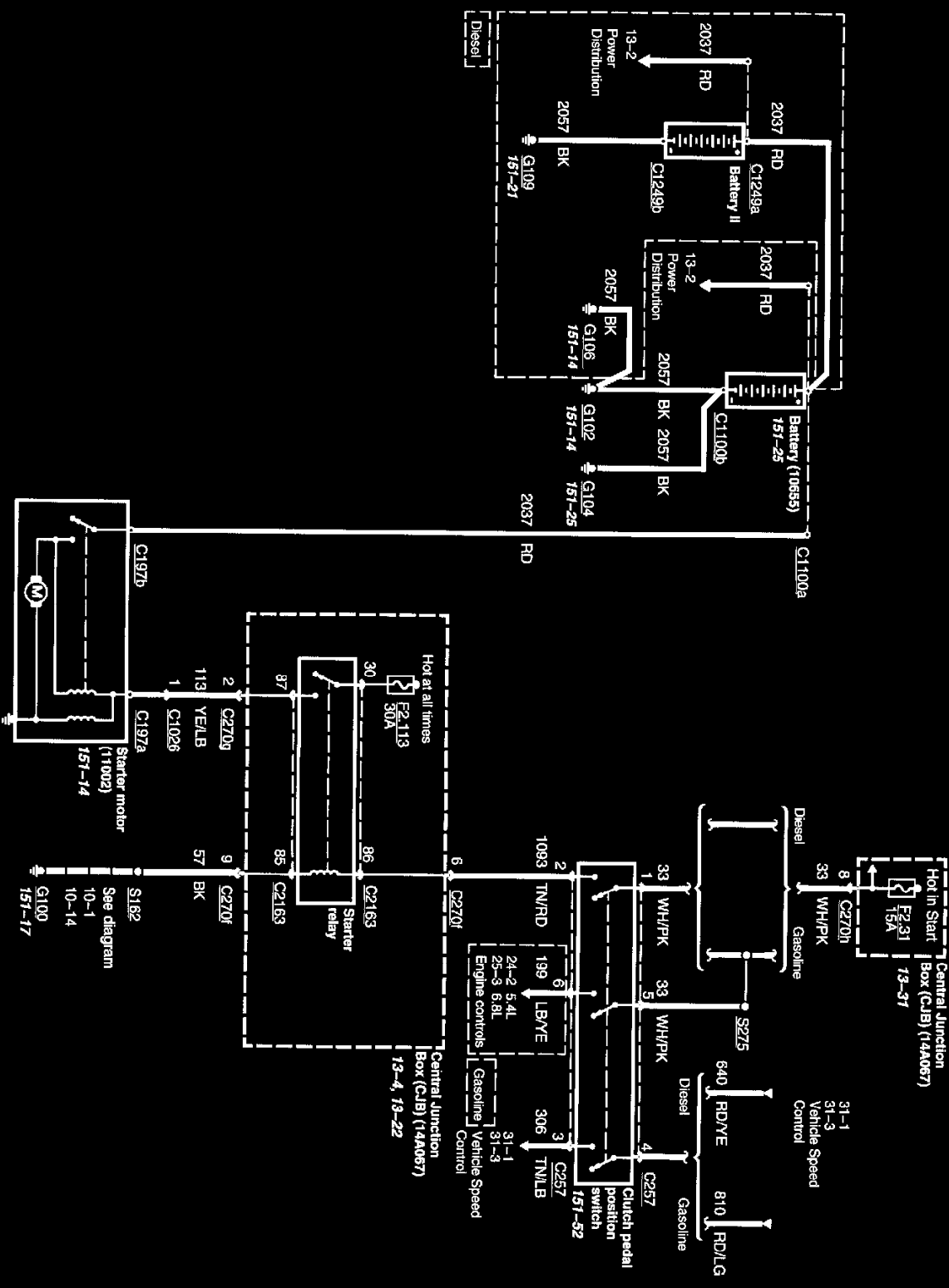
Diesel, with Automatic Transmission

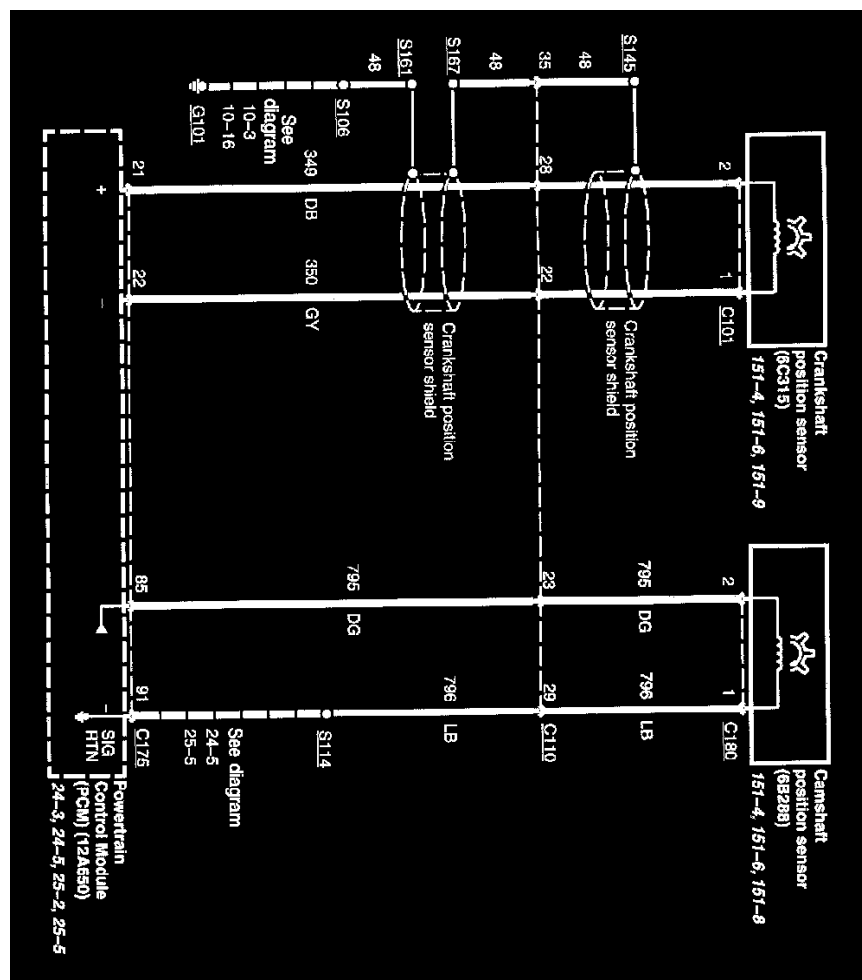
Wiring diagram for Diesel engine with Automatic Transmission. The diagram shows the connection between the Transmission Range Sensor Assembly (TR-P) and the Powertrain Control Module (PCM). The TR-P is connected to the PCM via a 25-pin connector (C1381b). The TR-P is also connected to the Transmission Range Sensor (TRS) via a 10-pin connector (C1385). The TRS is connected to the PCM via a 22-pin connector (C1381b). The TRS is also connected to the PCM via a 26-pin connector (C1381b). The TRS is also connected to the PCM via a 26-pin connector (C1381b).

Legend:

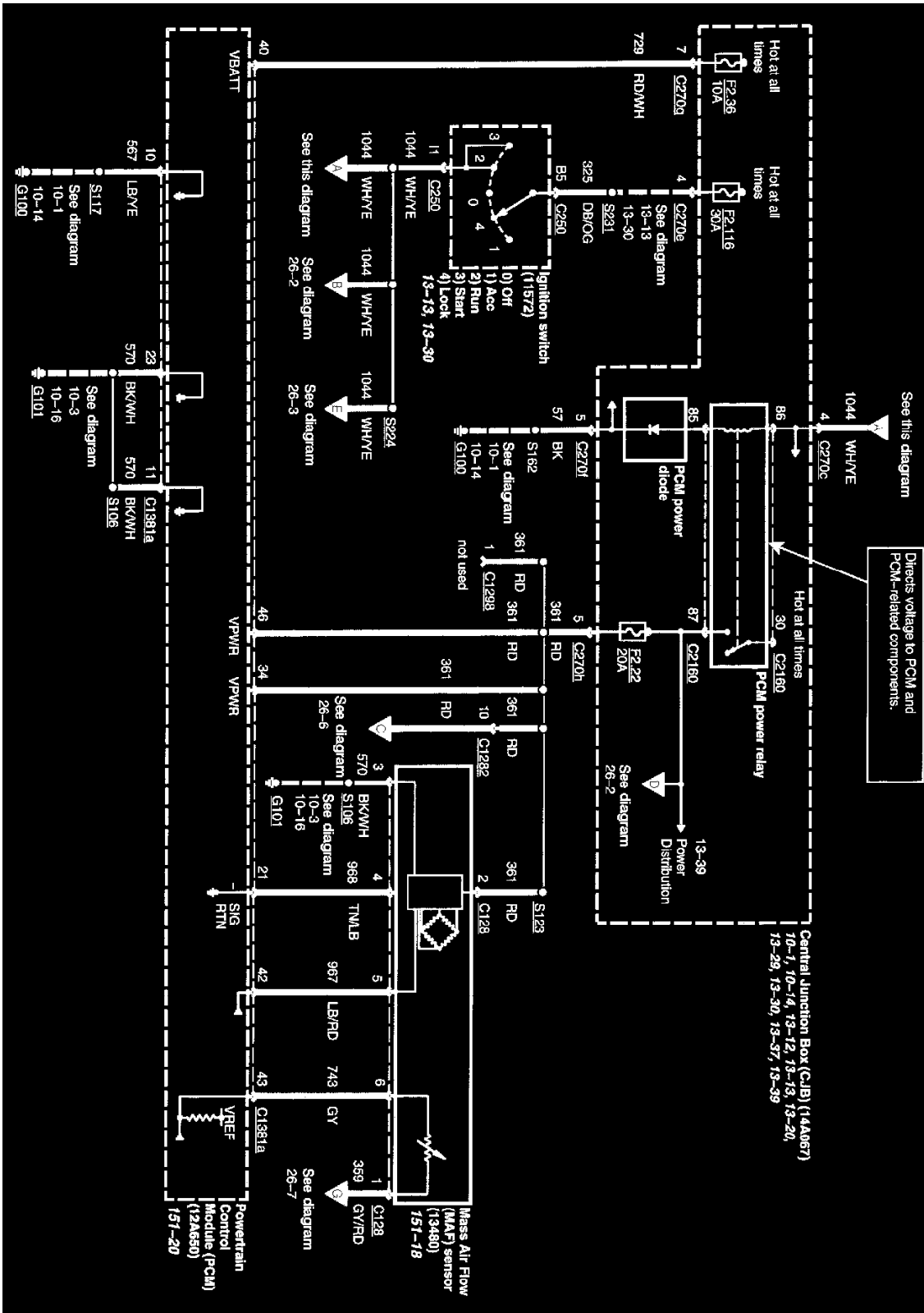
- VEEF
- Transmission Range Sensor Assembly (TR-P) (7H557), signal
- Powertrain Control Module (PCM) (12A650) 26-12
- See diagram 29-2
- 371 PK/WH
- 199 LB/YE
- 15 C1385
- 17 C1385
- 570 BK/WH
- 21
- 0
- 10 Transmission Range Sensor (TRS) 29-3
- See diagram 29-1
- 22 C1381b
- 26-12
- Powertrain Control Module (PCM) (12A650) 26-12
- 26-12

Manual transmission

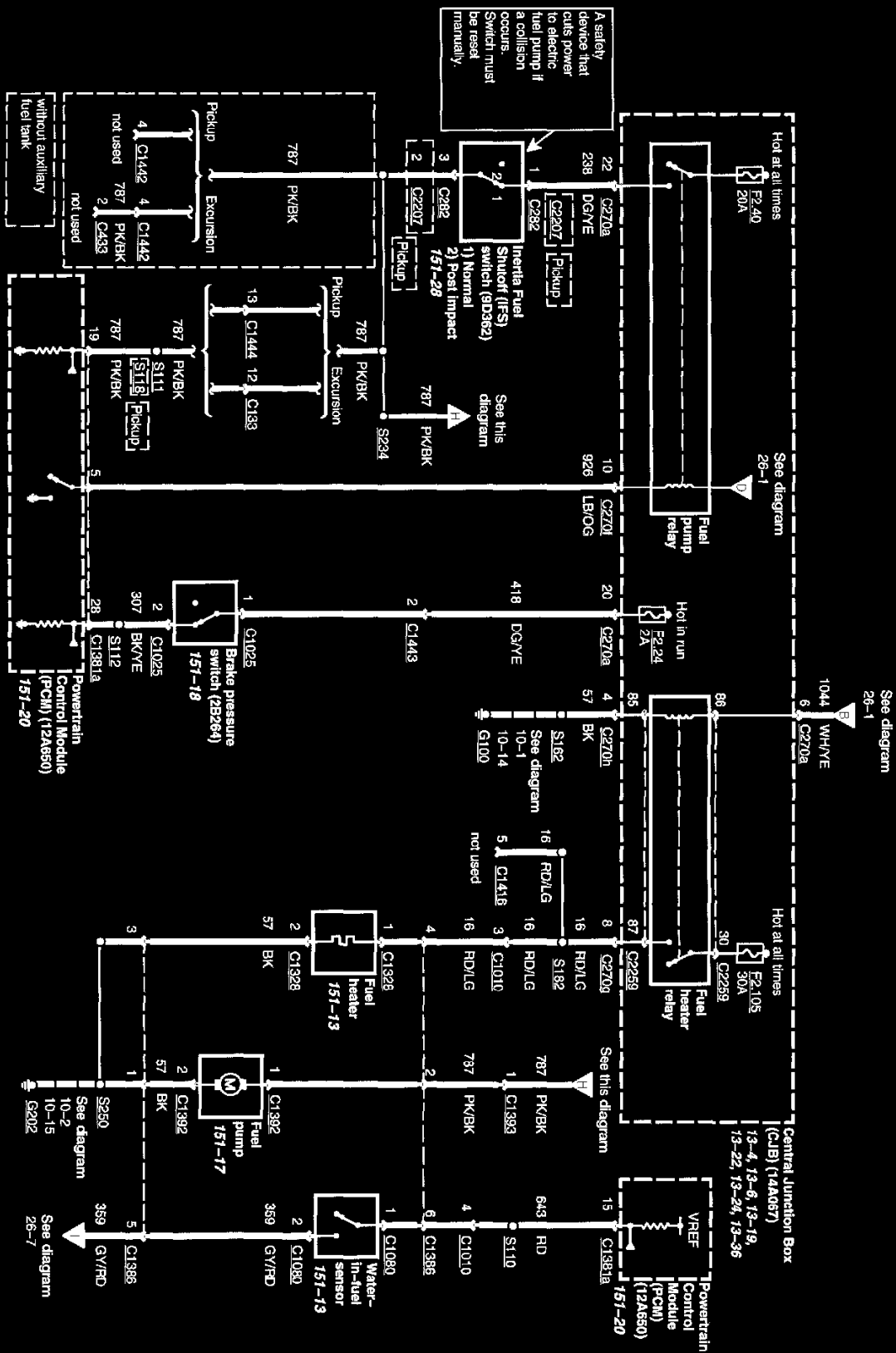




6.0L Diesel

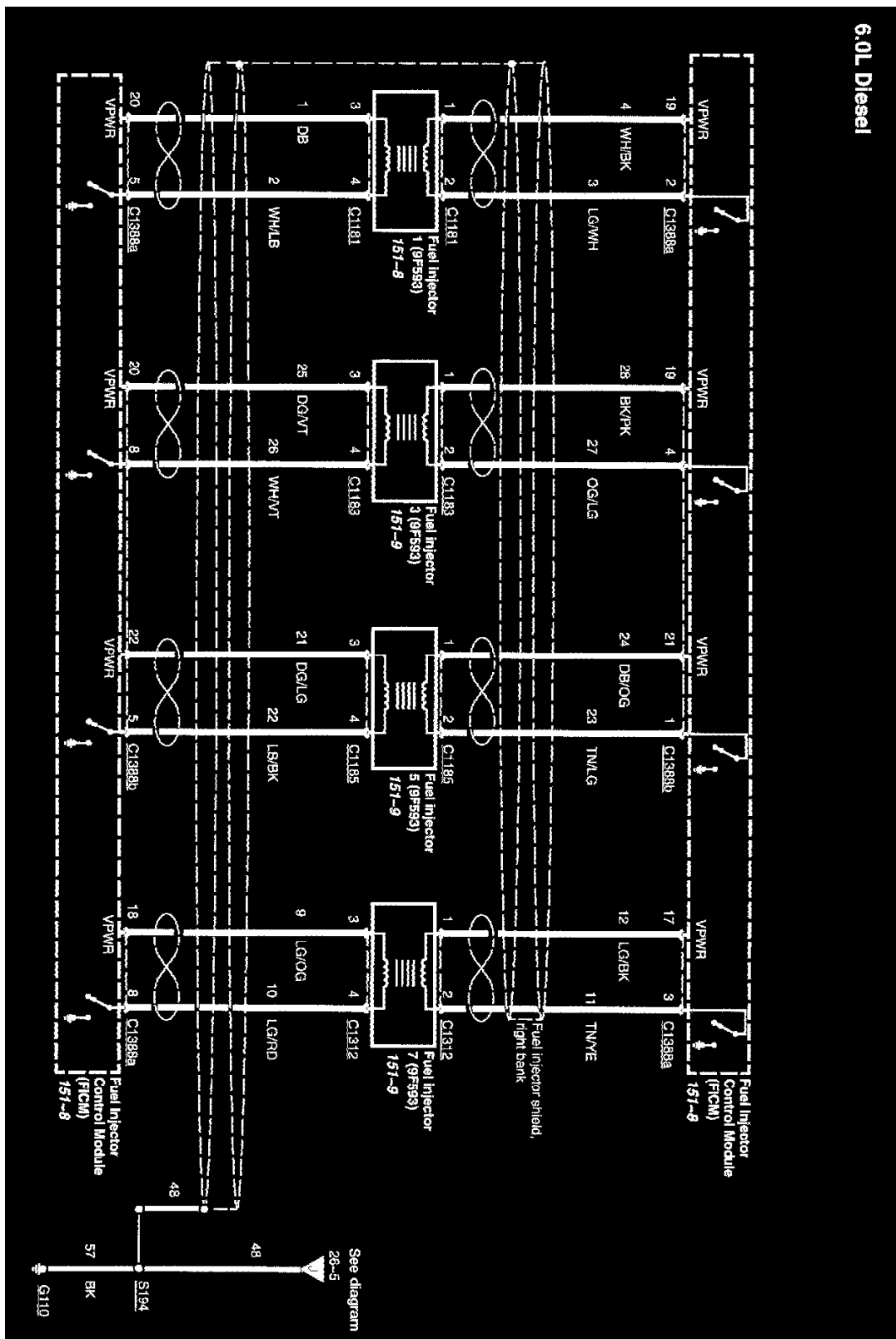


6.0L Diesel

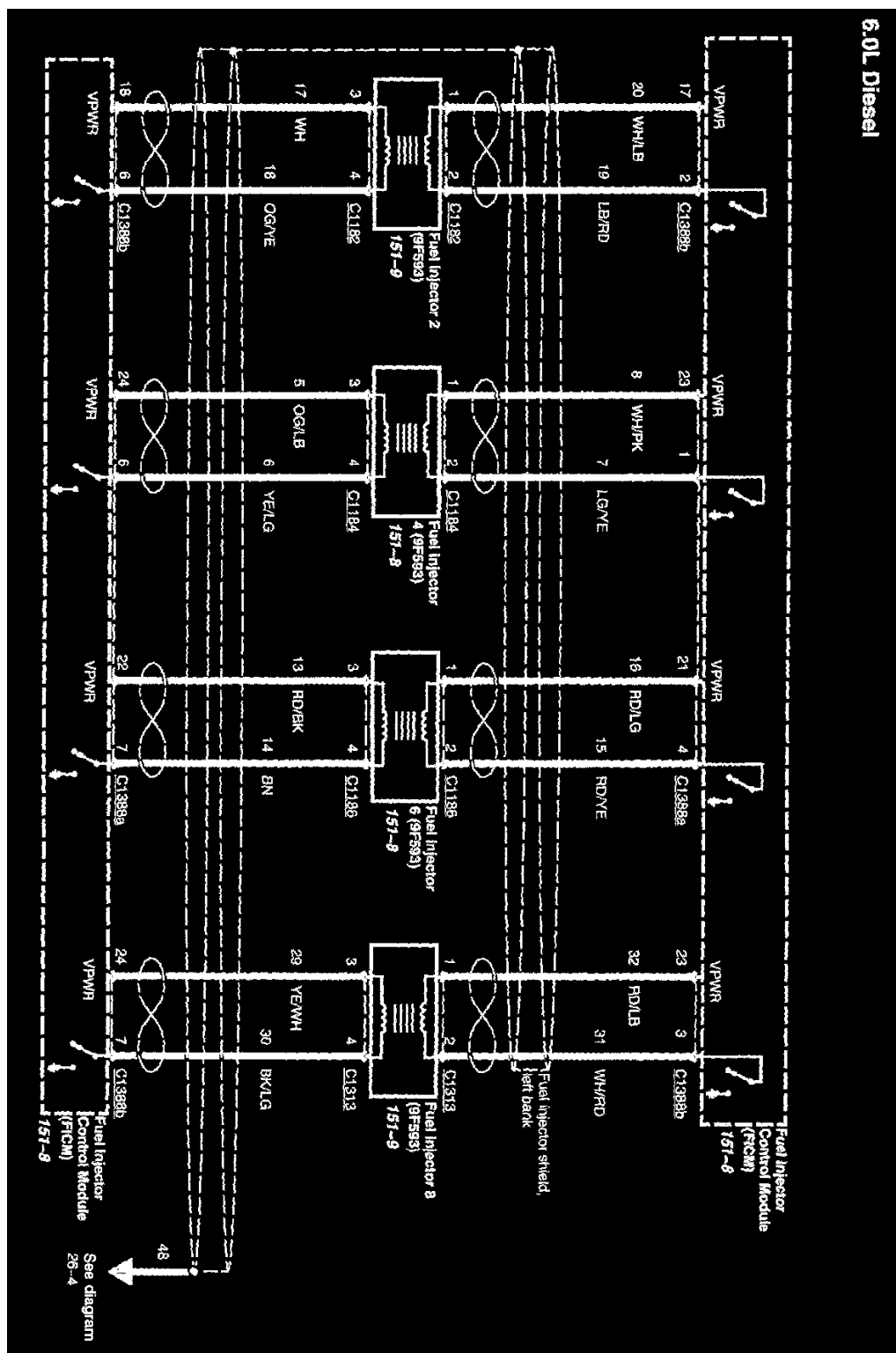


26-3

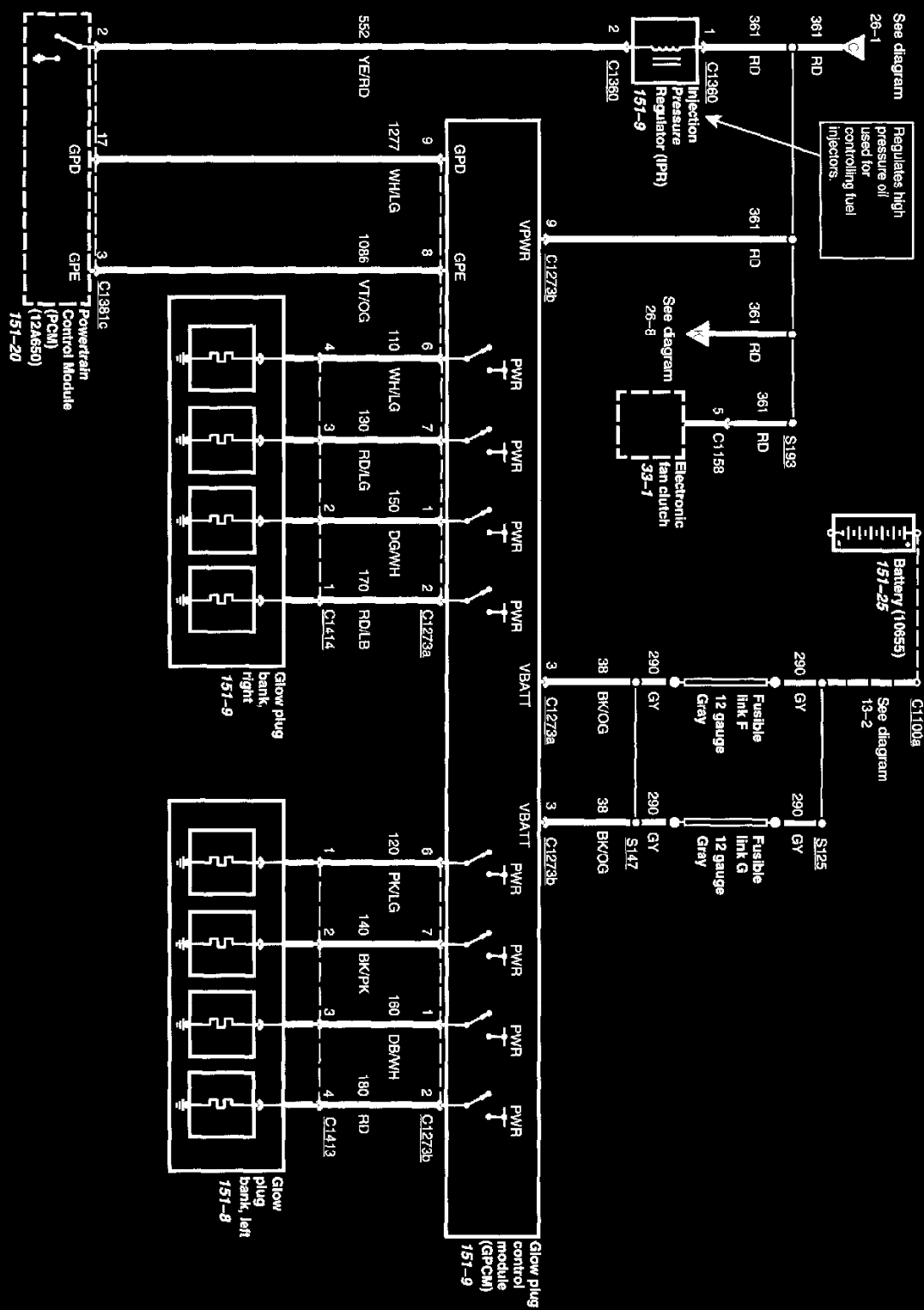
6.0L Diesel



6.0L Diesel

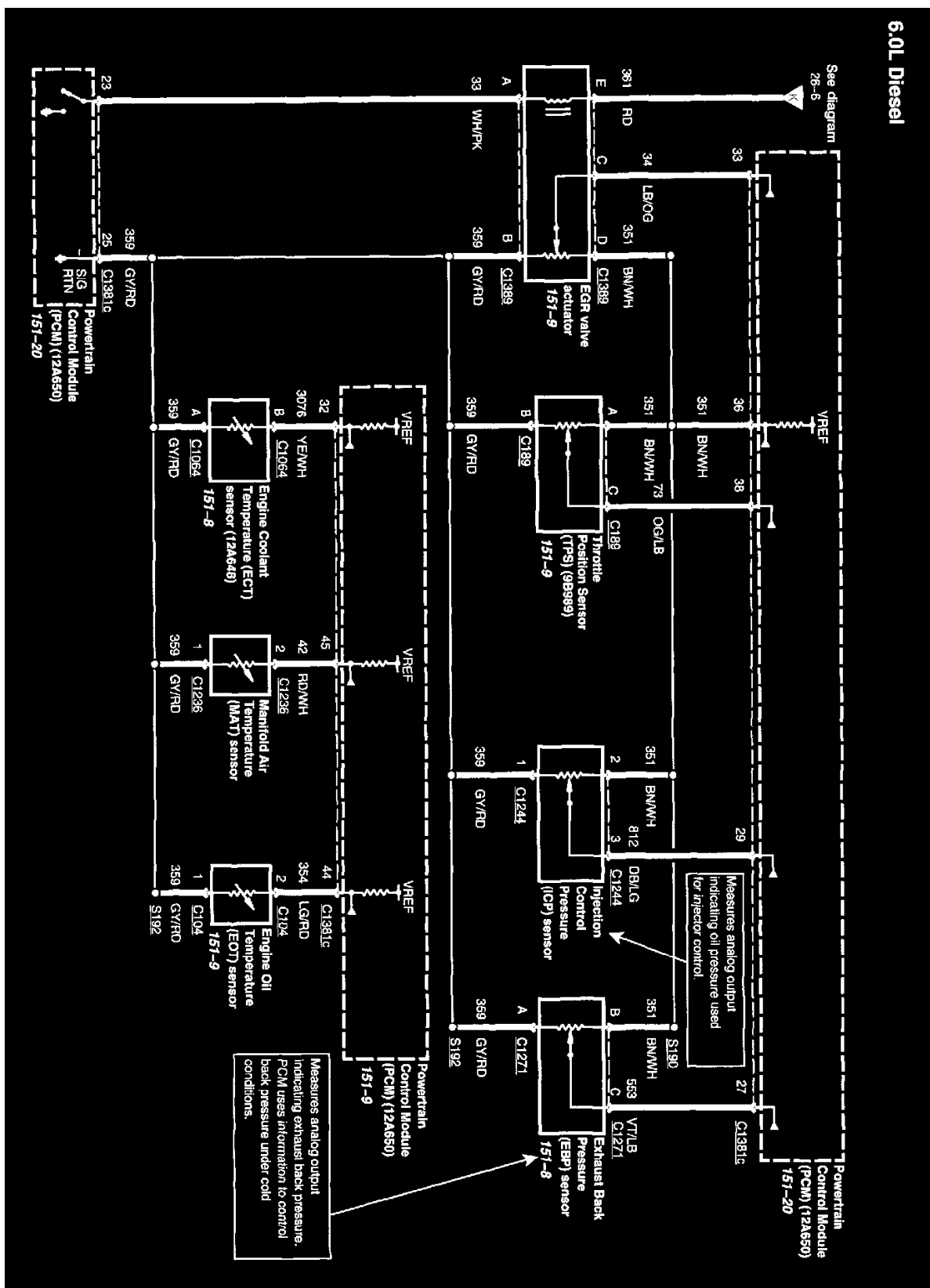


6.0L Diesel



26-7

6.0L Diesel

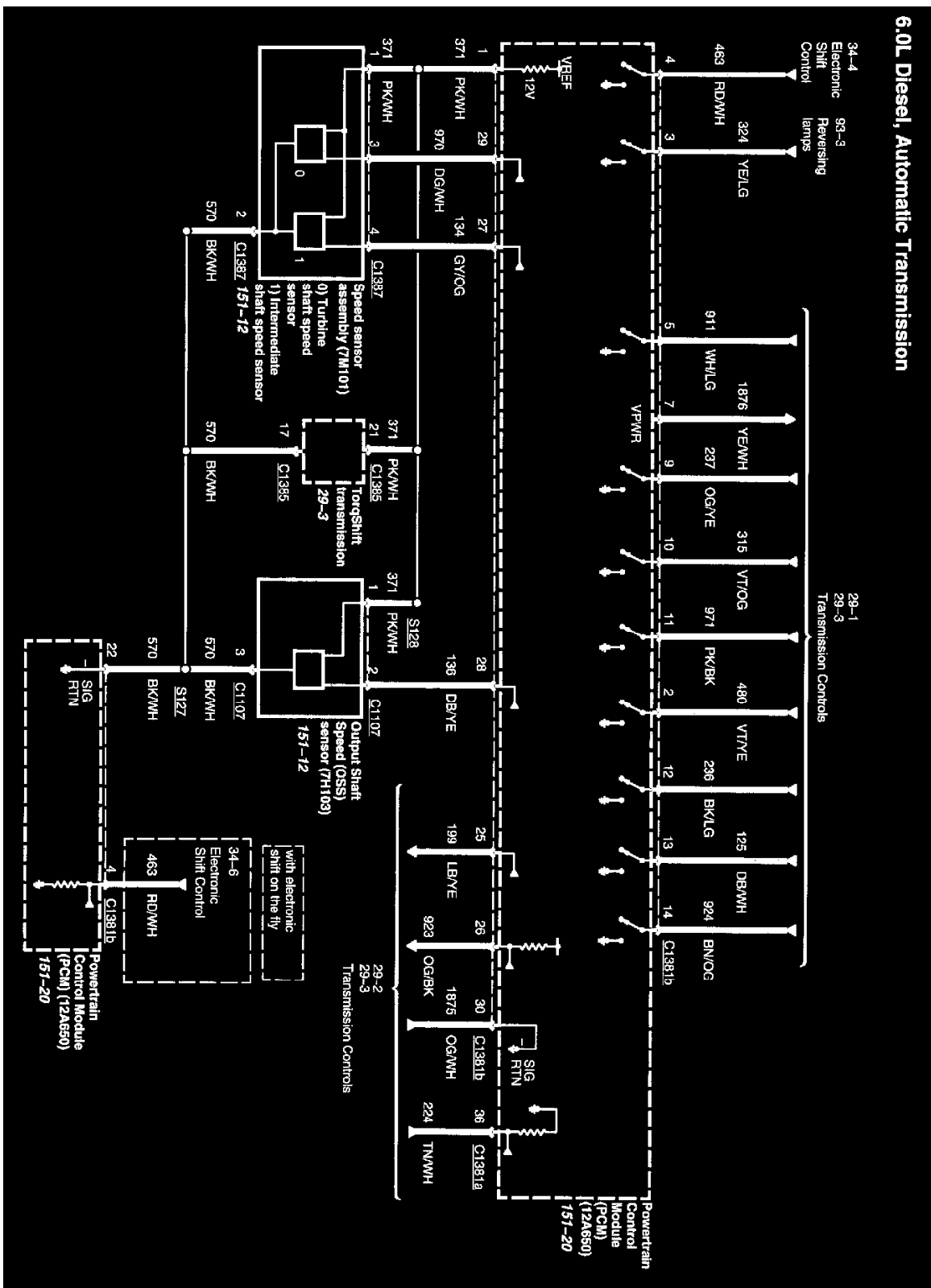


[illegible]

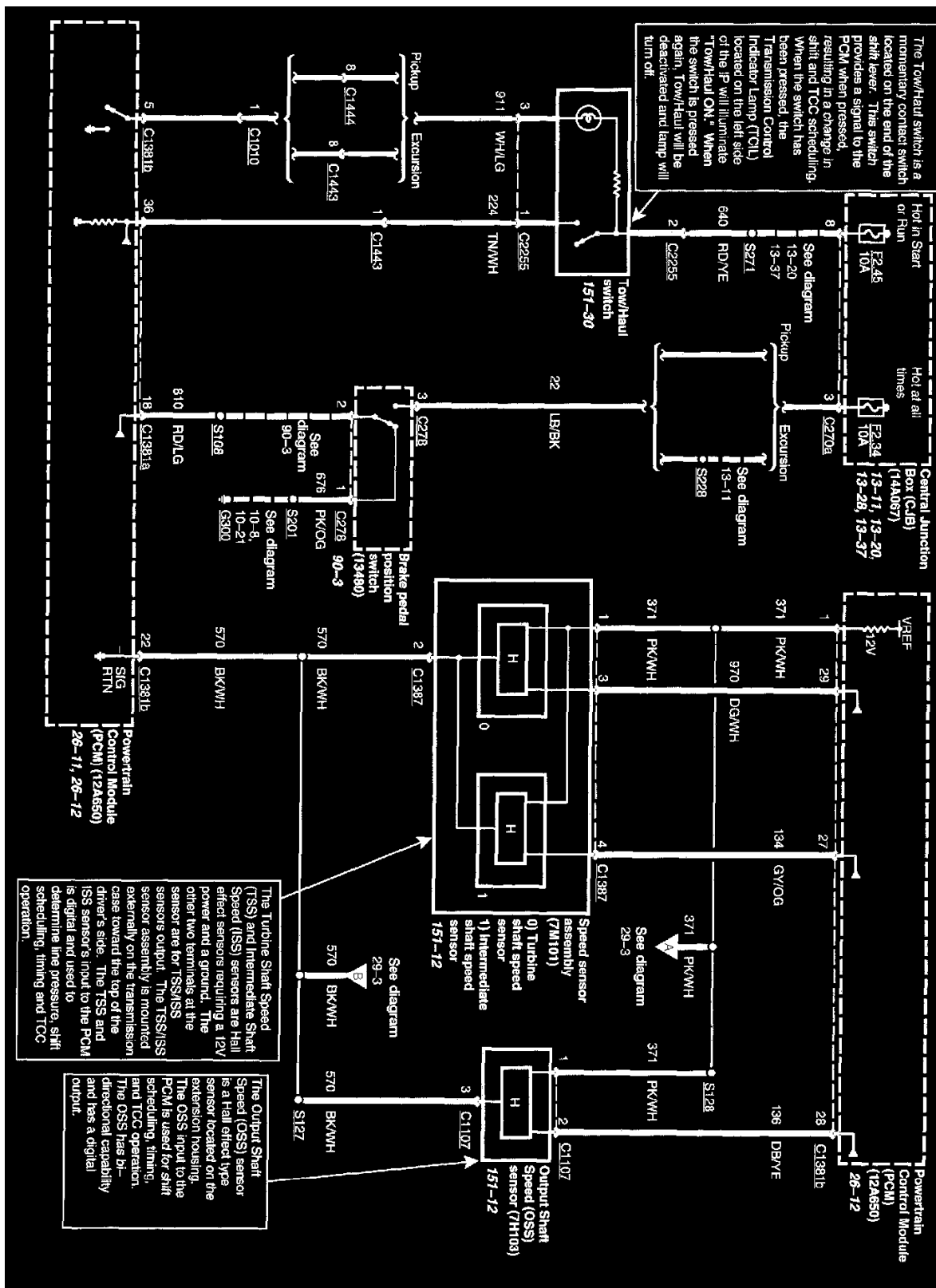
[illegible]



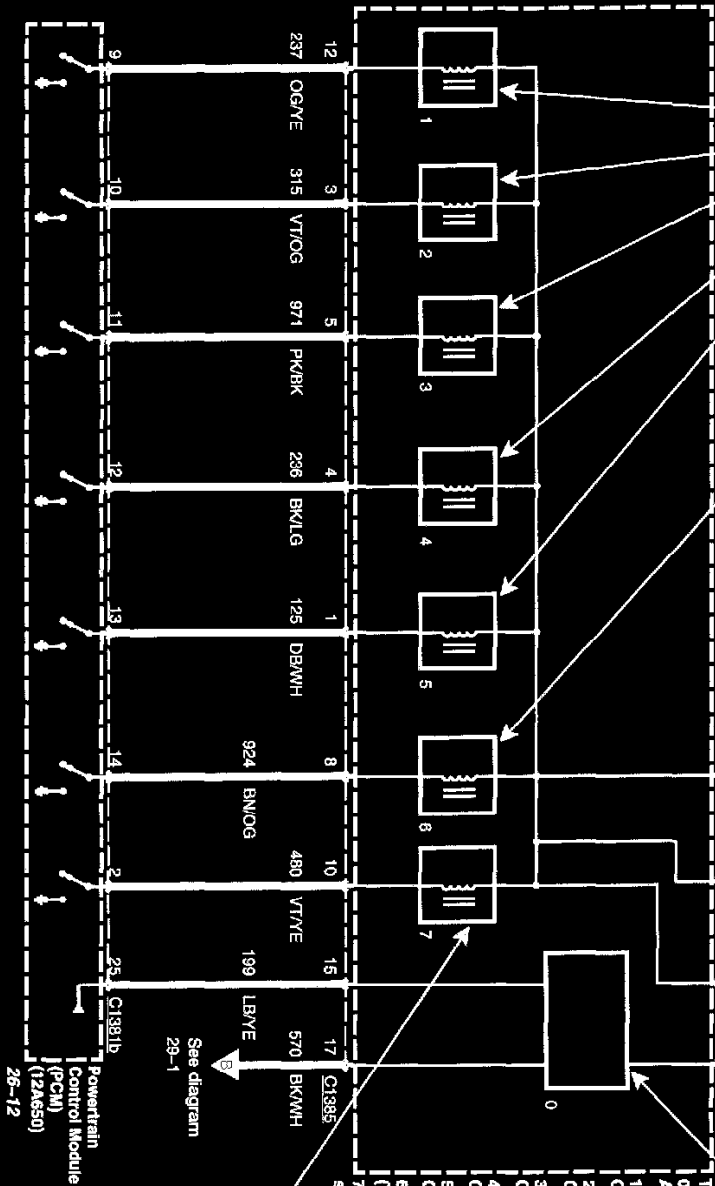
6.0L Diesel, Automatic Transmission



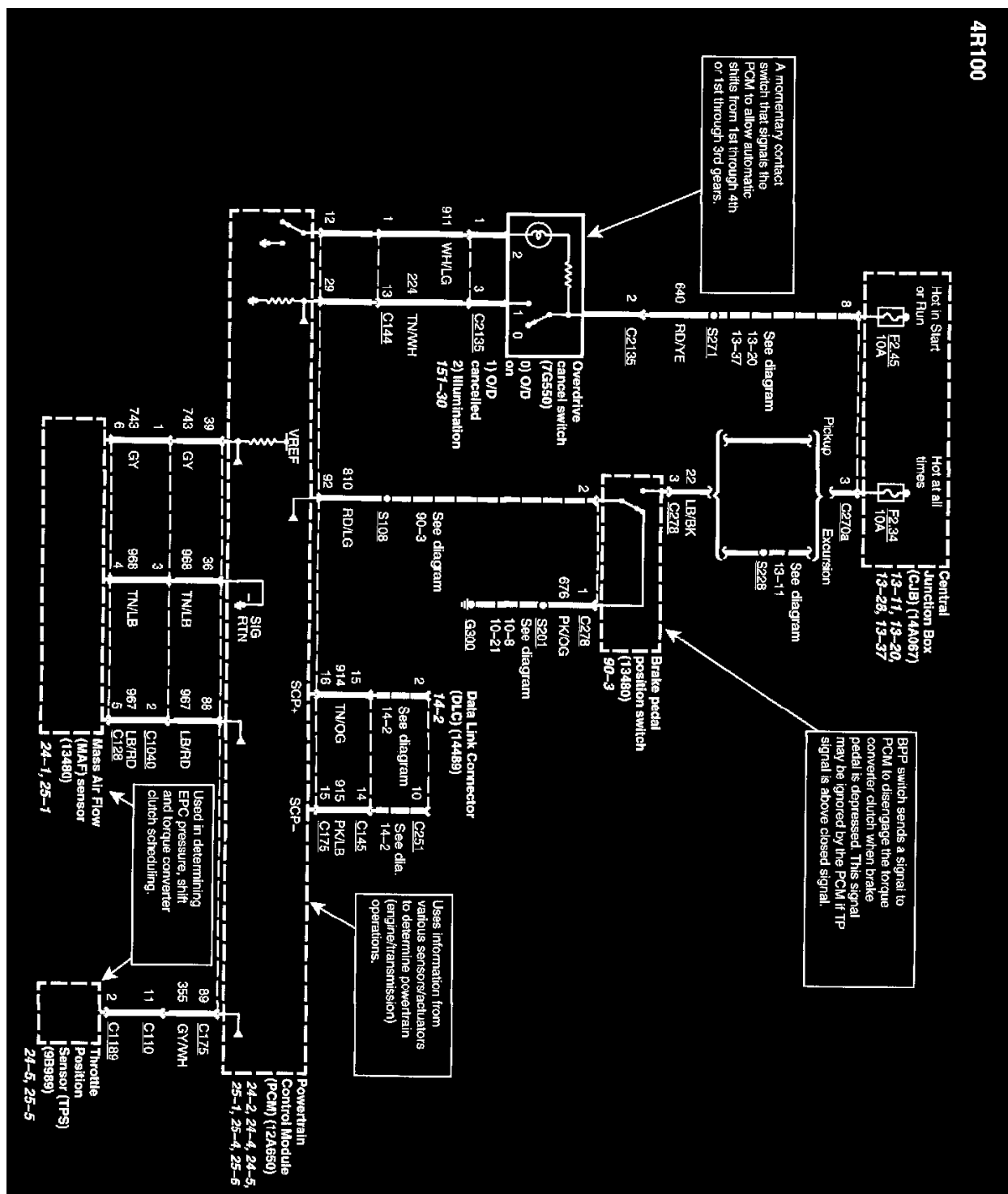
TorqShift



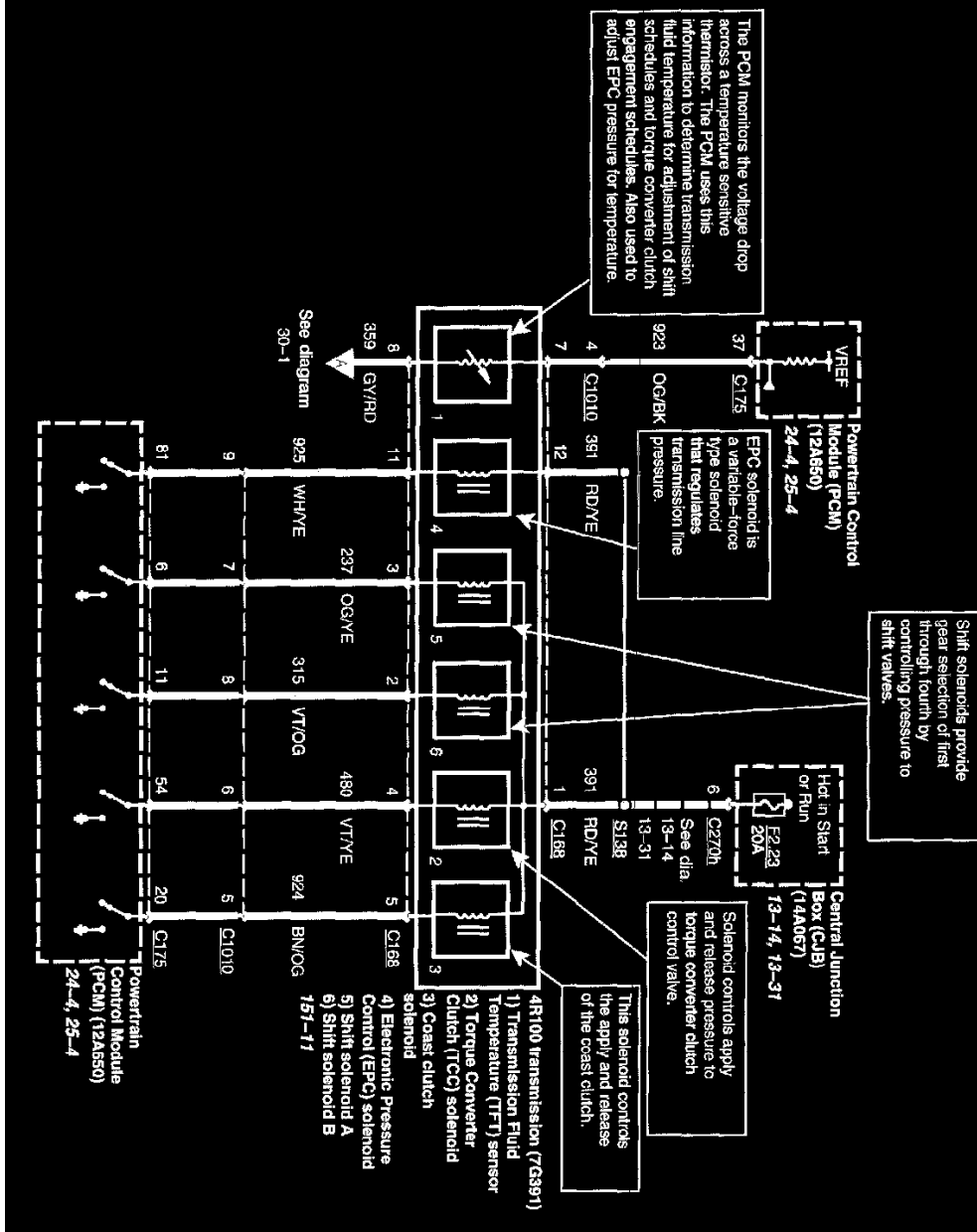
29-2



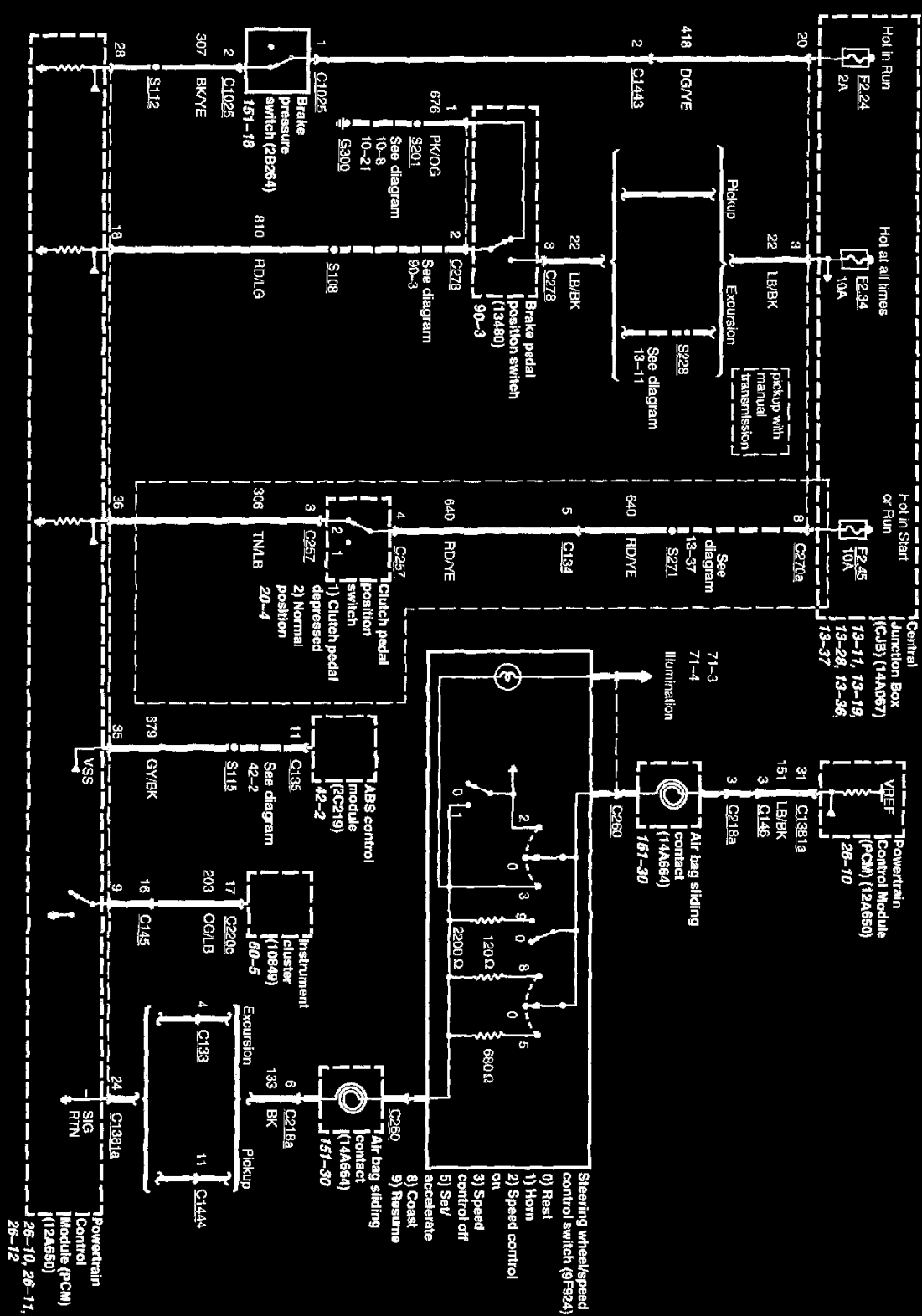
30-1



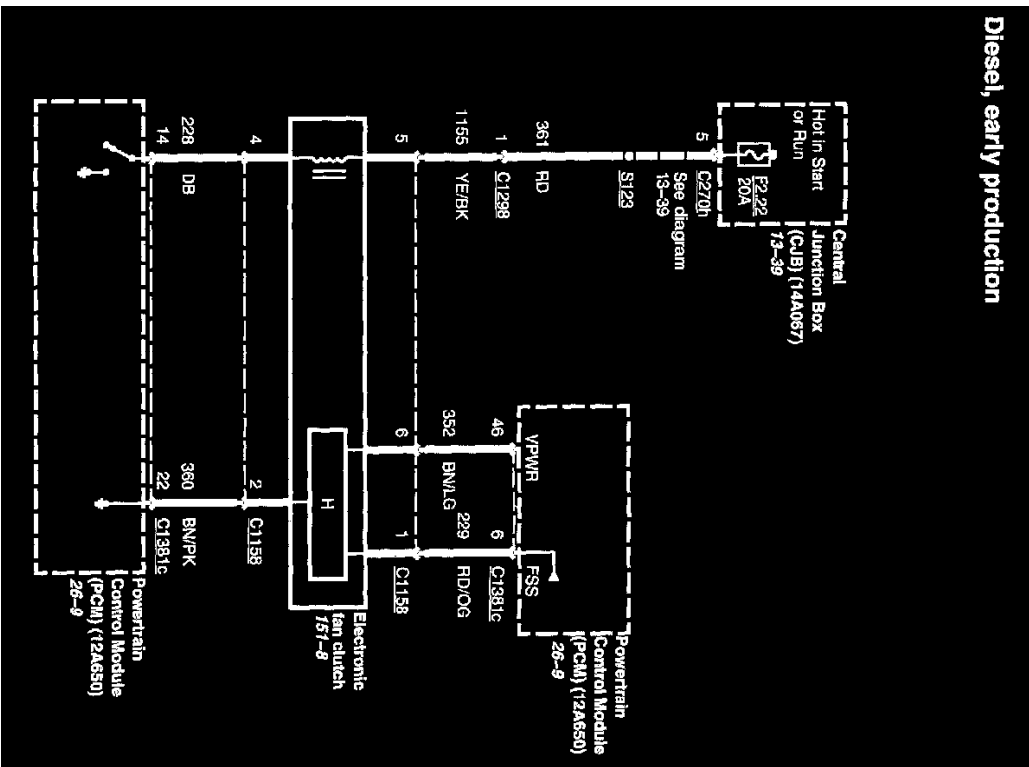
4R100



Diesel

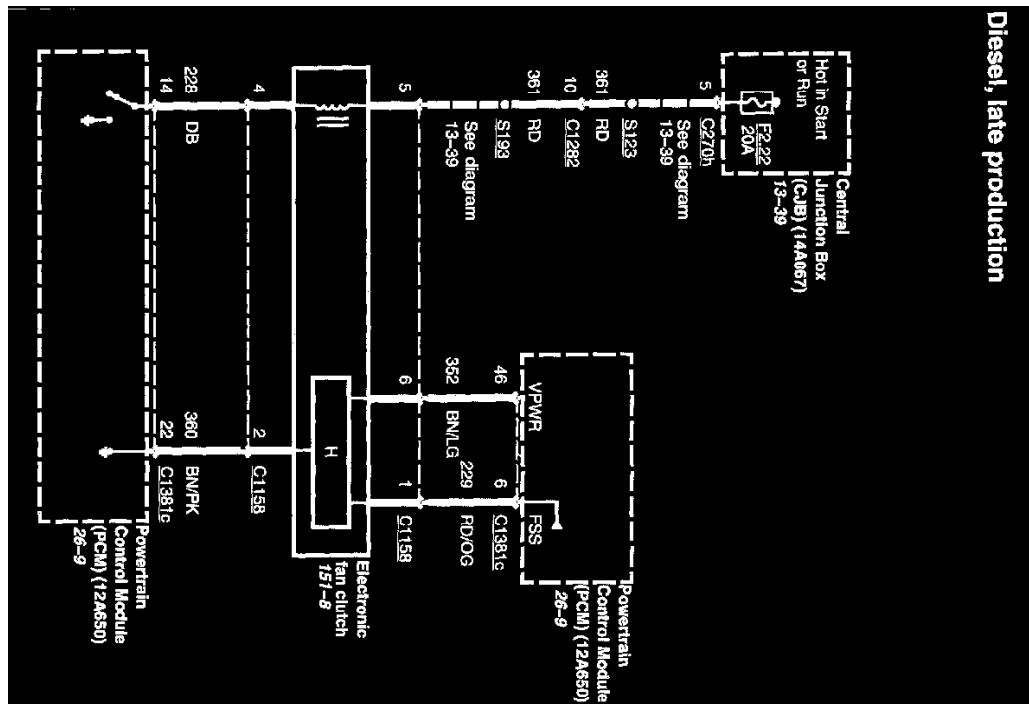


Diesel, early production

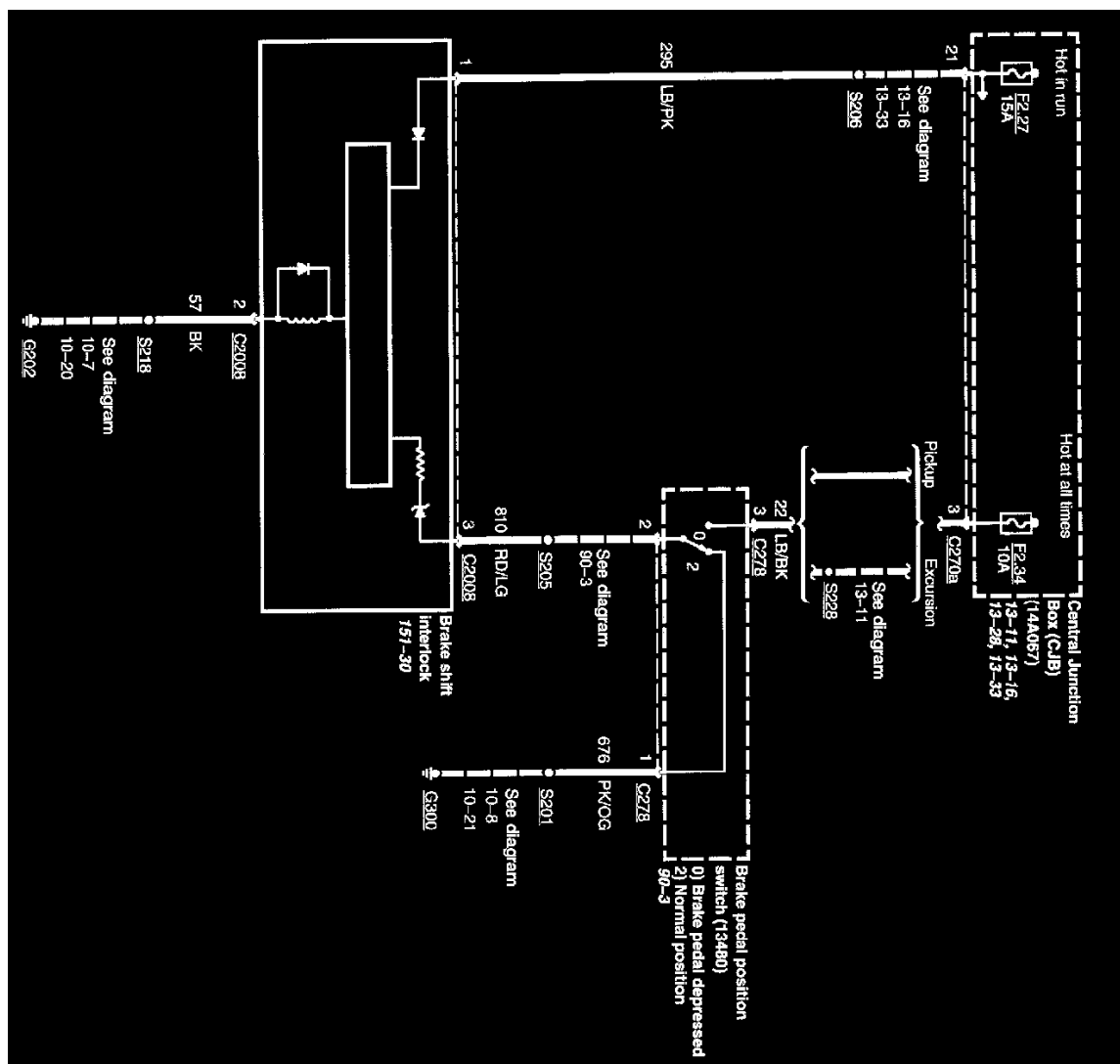


33-1

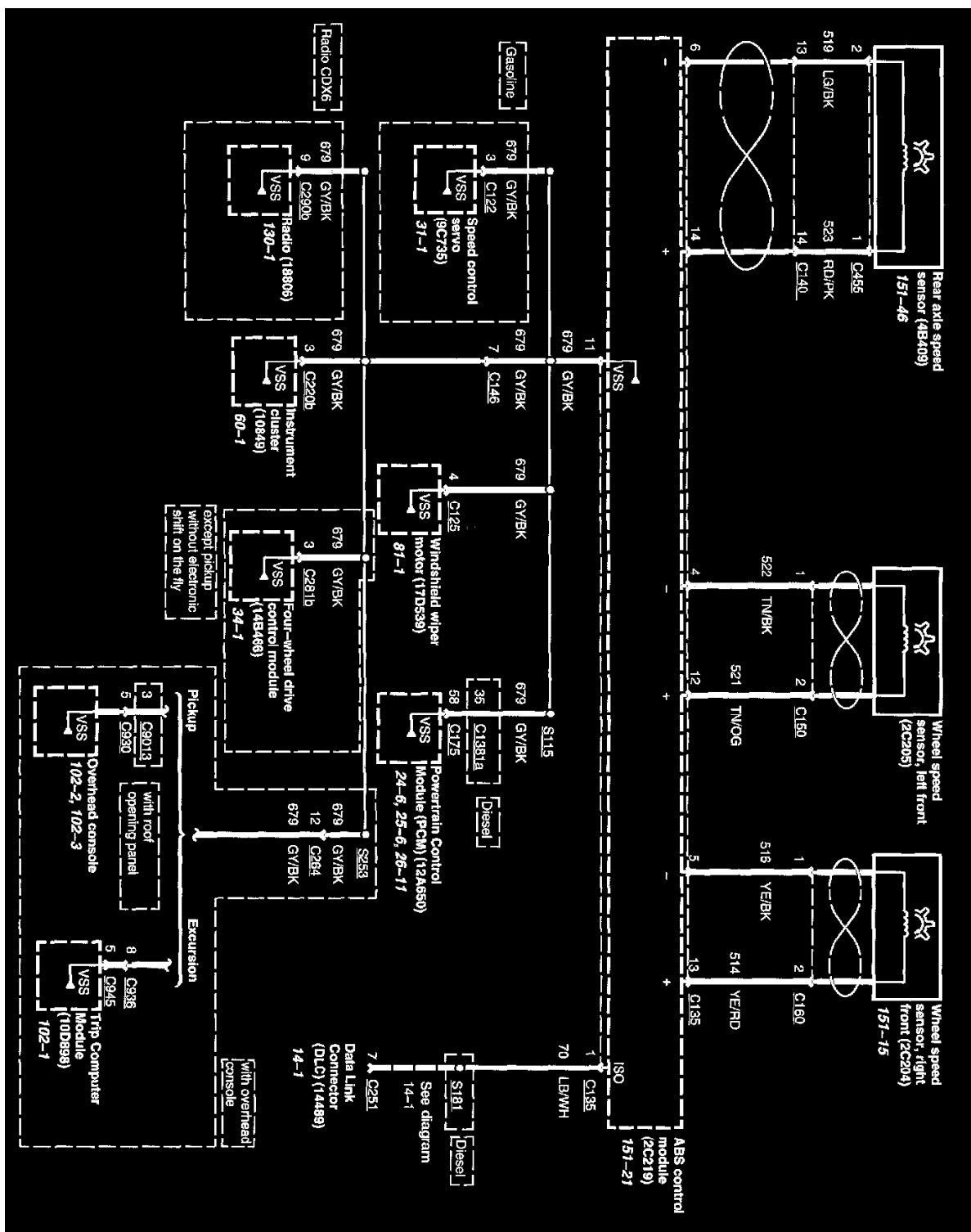
Diesel, late production



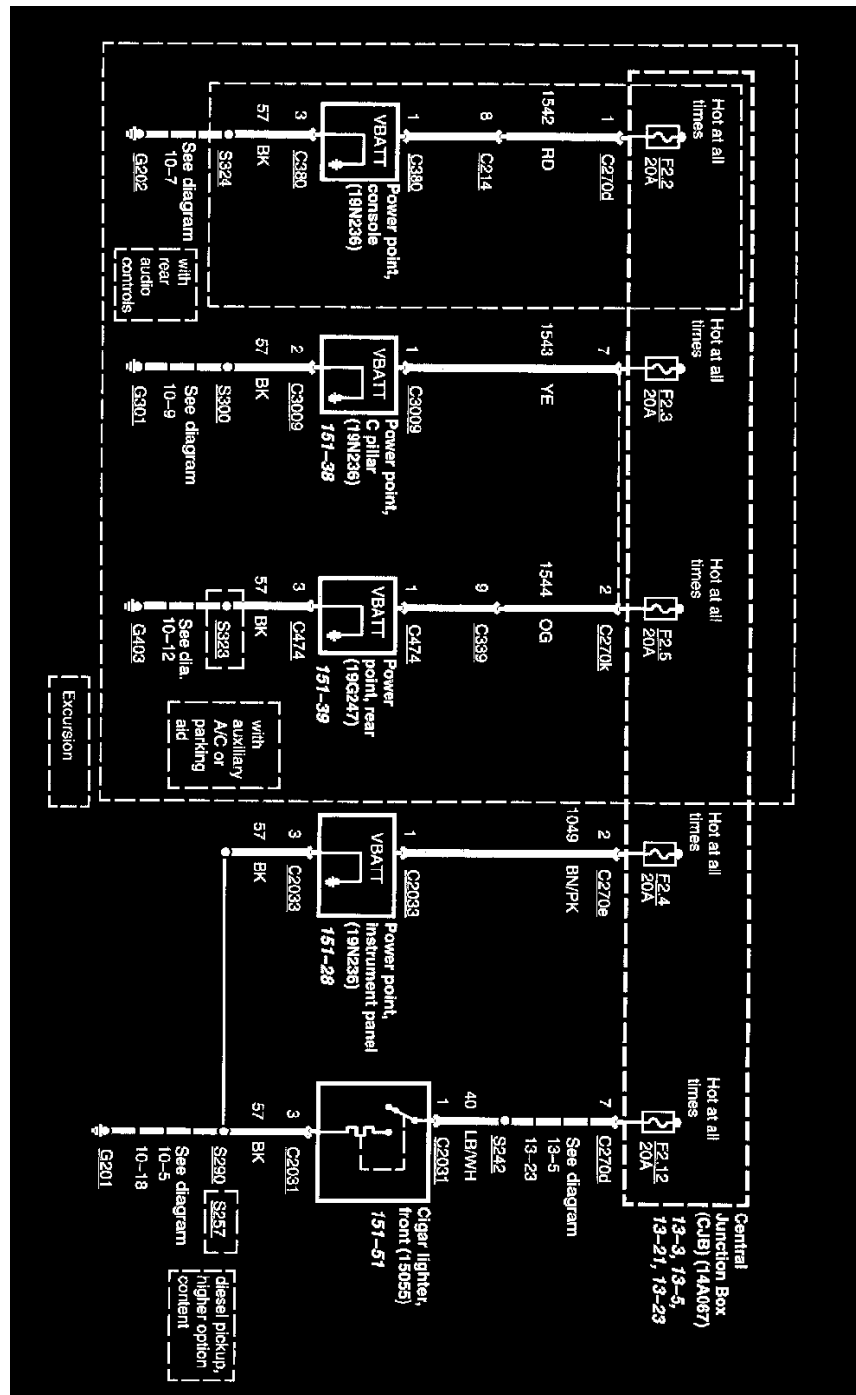
33-1





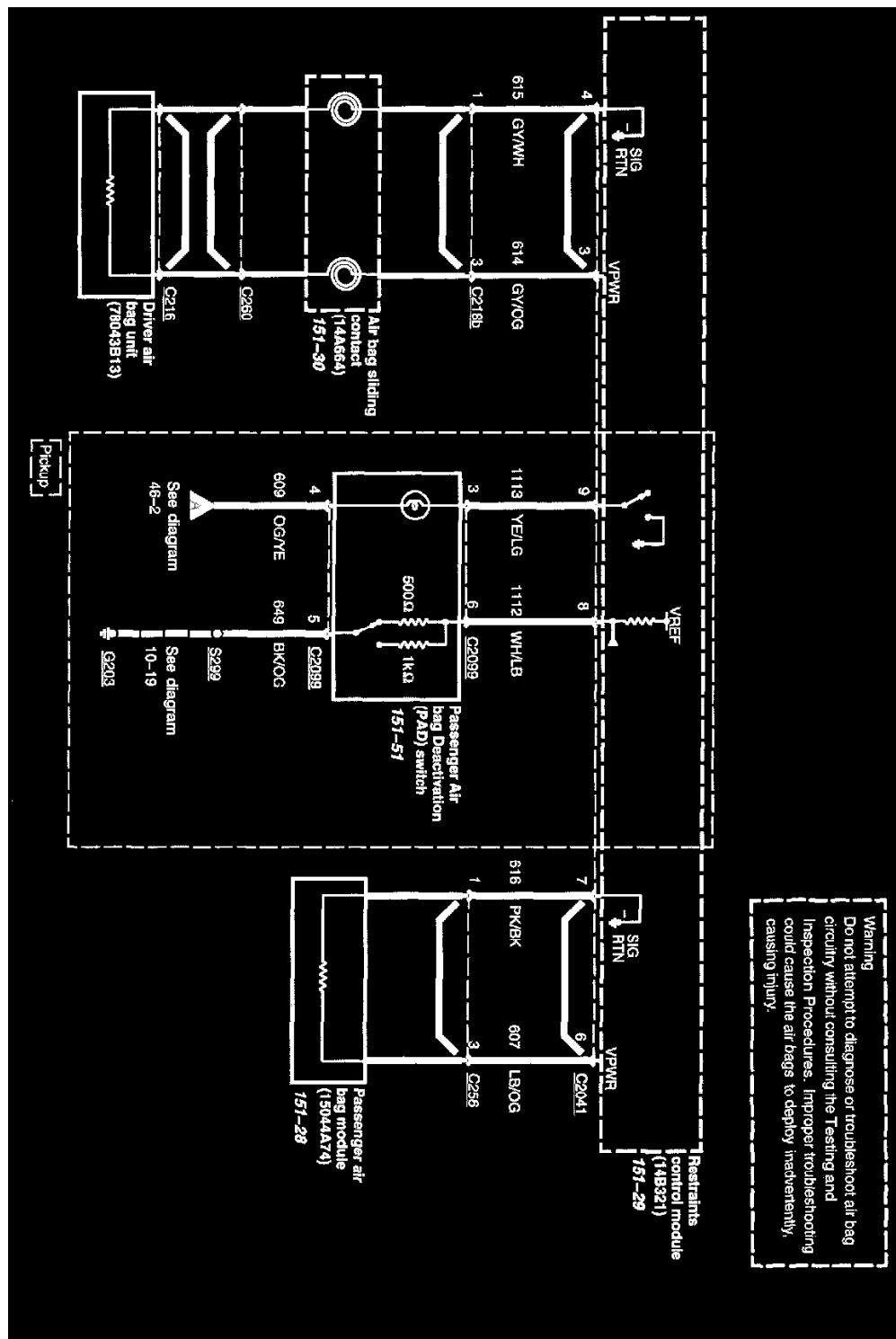






Warning
Do not attempt to diagnose or troubleshoot air bag circuitry without consulting the Testing and Inspection Procedures. Improper troubleshooting could cause the air bags to deploy inadvertently, causing injury.





Pickup, Diesel only

Hot in Run
Box (C18)
(14A067)
E233
13-36
13A

Central Junction

Overhead console
102-2, 102-3

See diagram
13-36

See diagram
1002 BK/PK

789 BNWH

16 C980
C9013
with roof
opening panel

6 C264

789 BNWH

See diagram
49-2

789 BNWH

7 C298

3 BNWH

2 RD

789 RD

6 C2194

57 BK

5 C2194

See diagram
10-18

G201

See diagram
49-2

29 YE/WH

5 C4132

Fuel tank
selector valve

6 C4132

675 YE/LB

2 C433

Fuel
sender,
primary
151-46

4 C3095

673 DB/VE

2 C3095

Fuel
sender,
secondary

4 C3095

396 BK/OG

4 C433

396 BK/OG

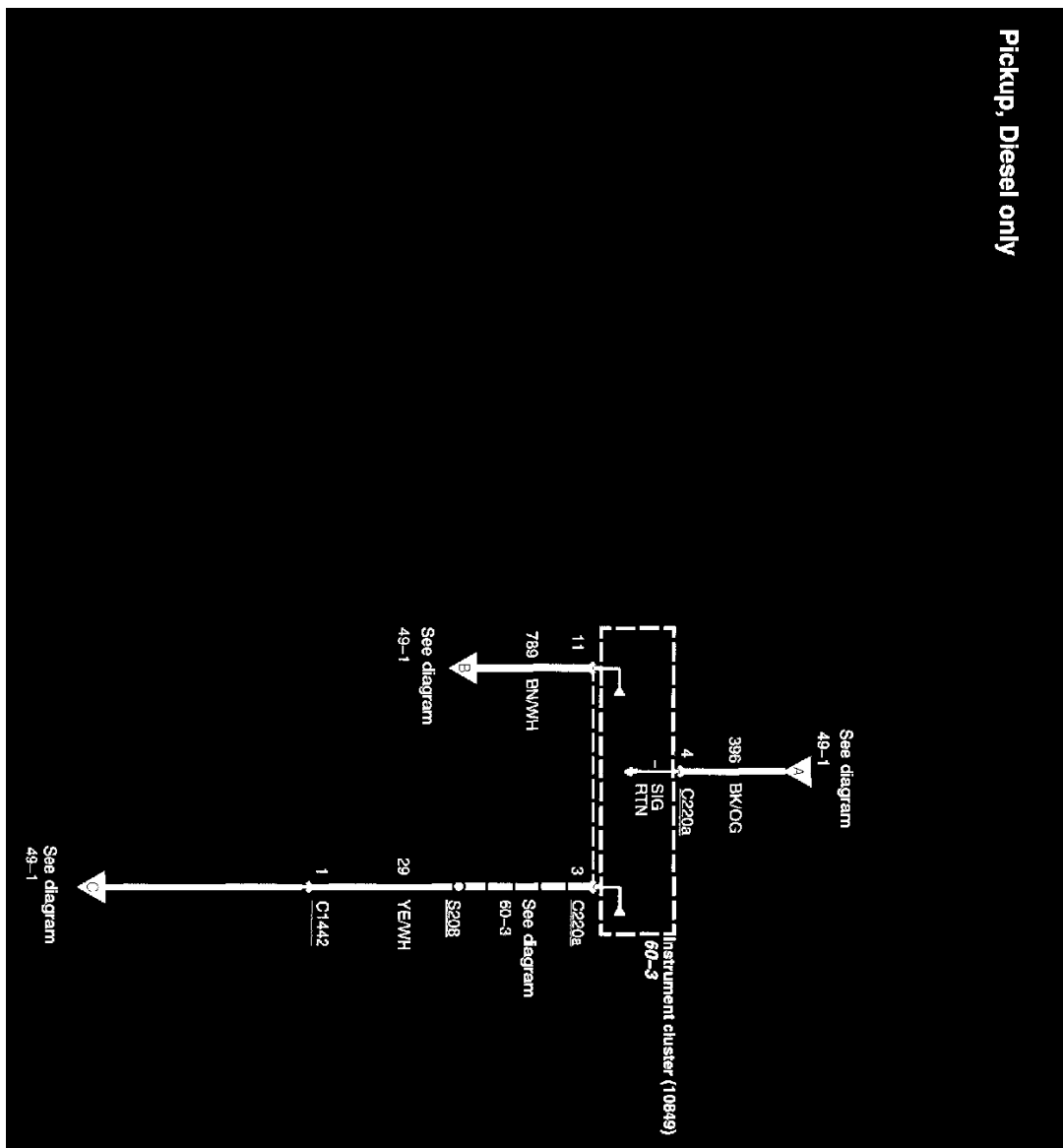
4 C442

See diagram
49-2

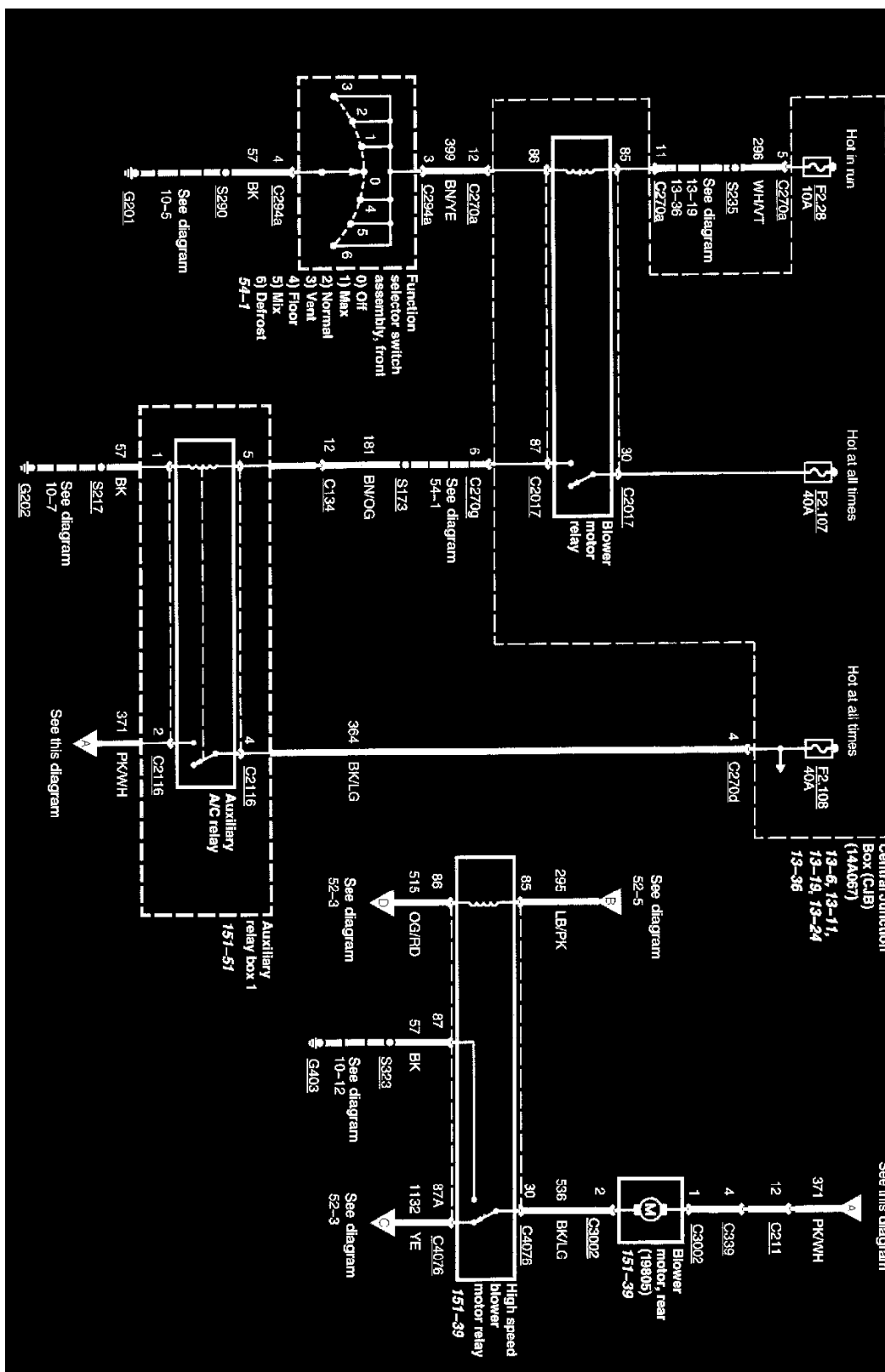
11 C1442

S400

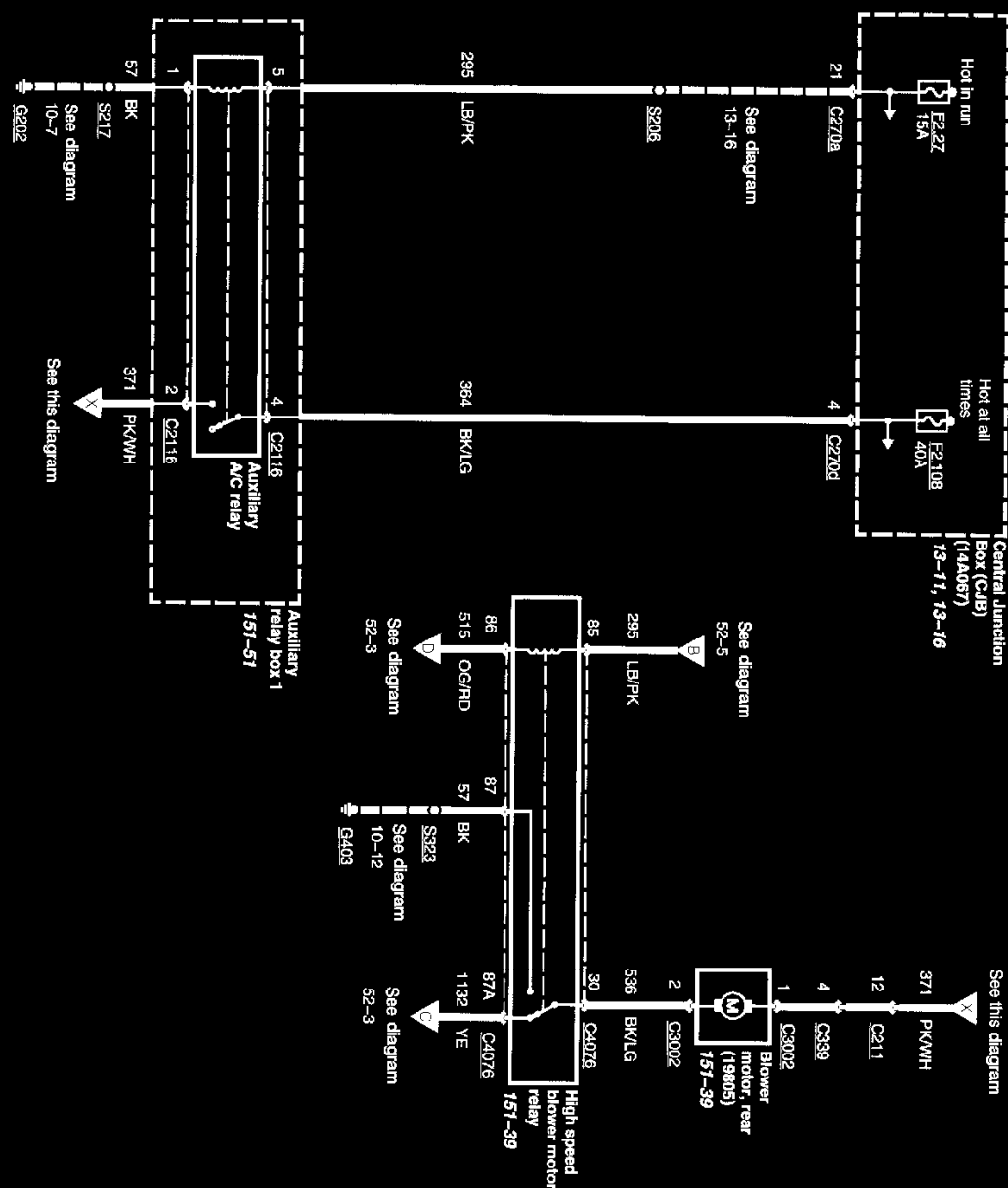
Pickup, Diesel only



Manual A/C



with EATC



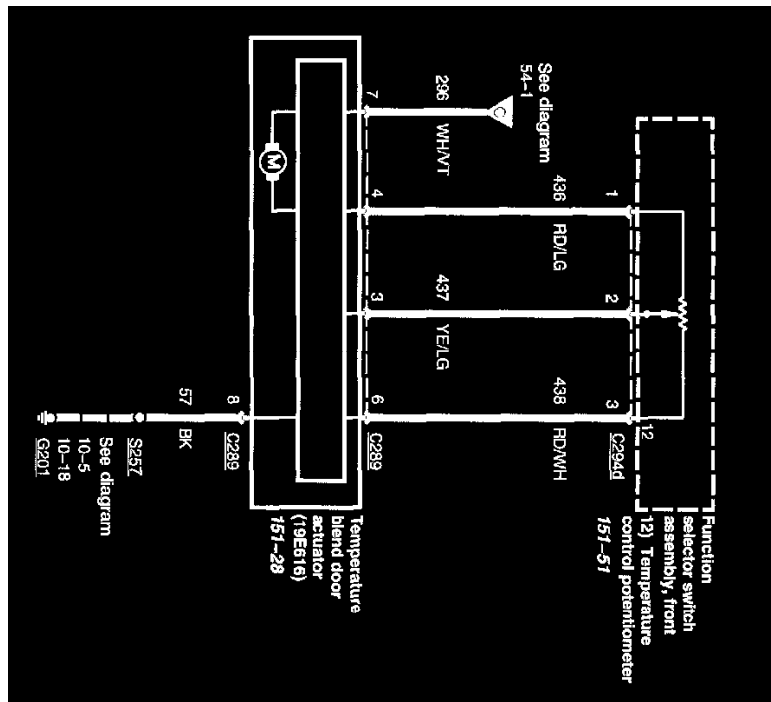








54-3



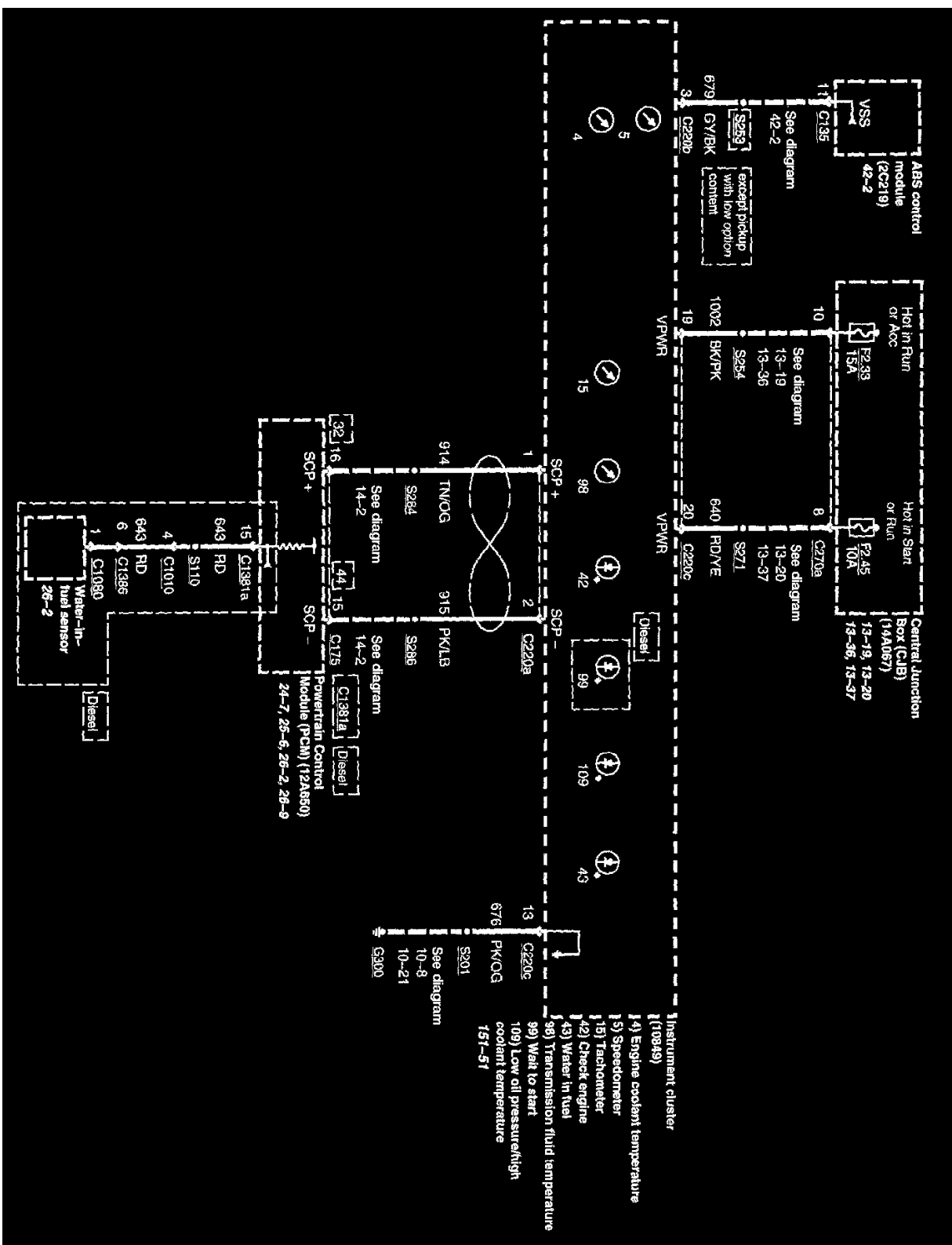
54-4

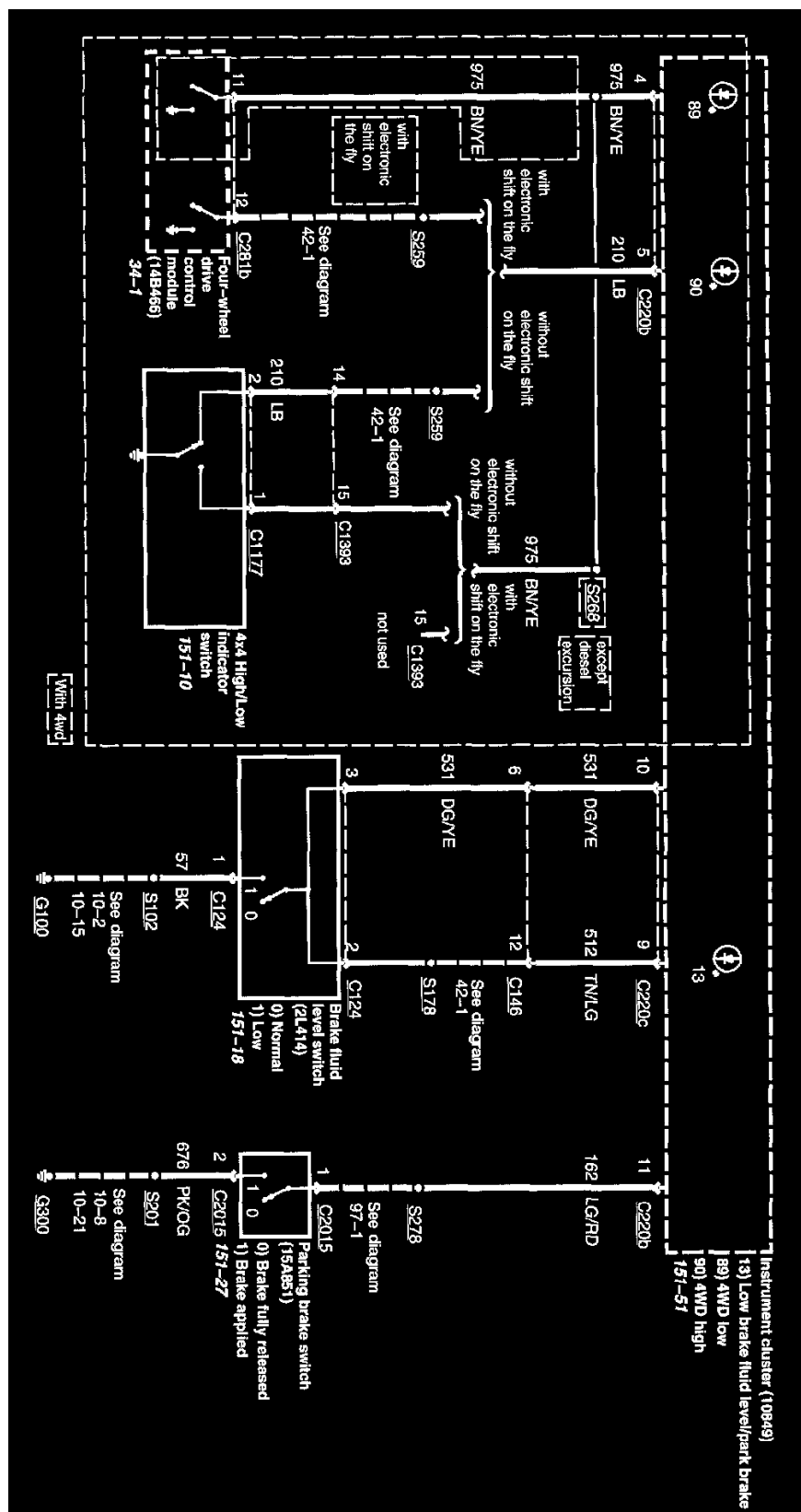


55-3

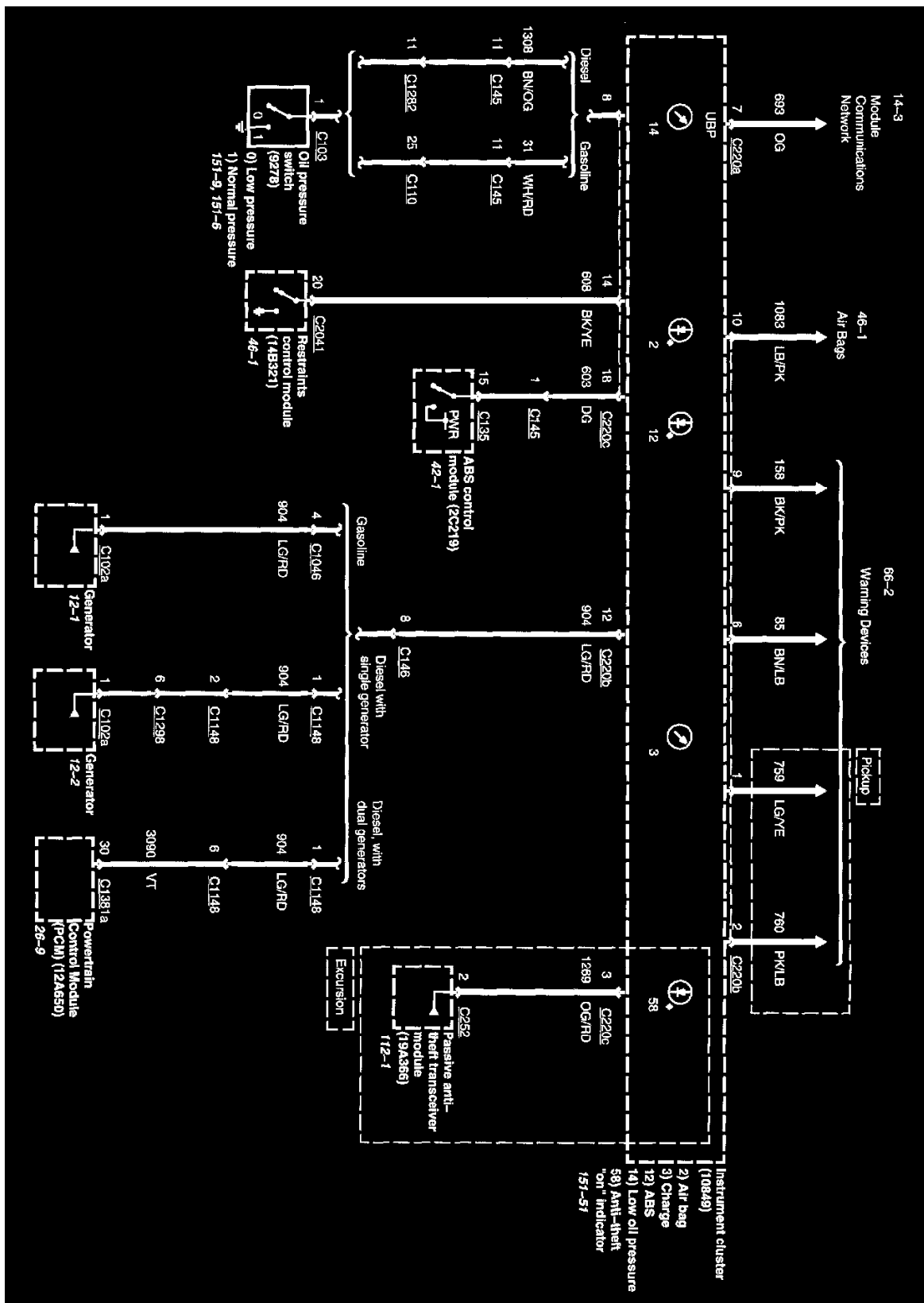




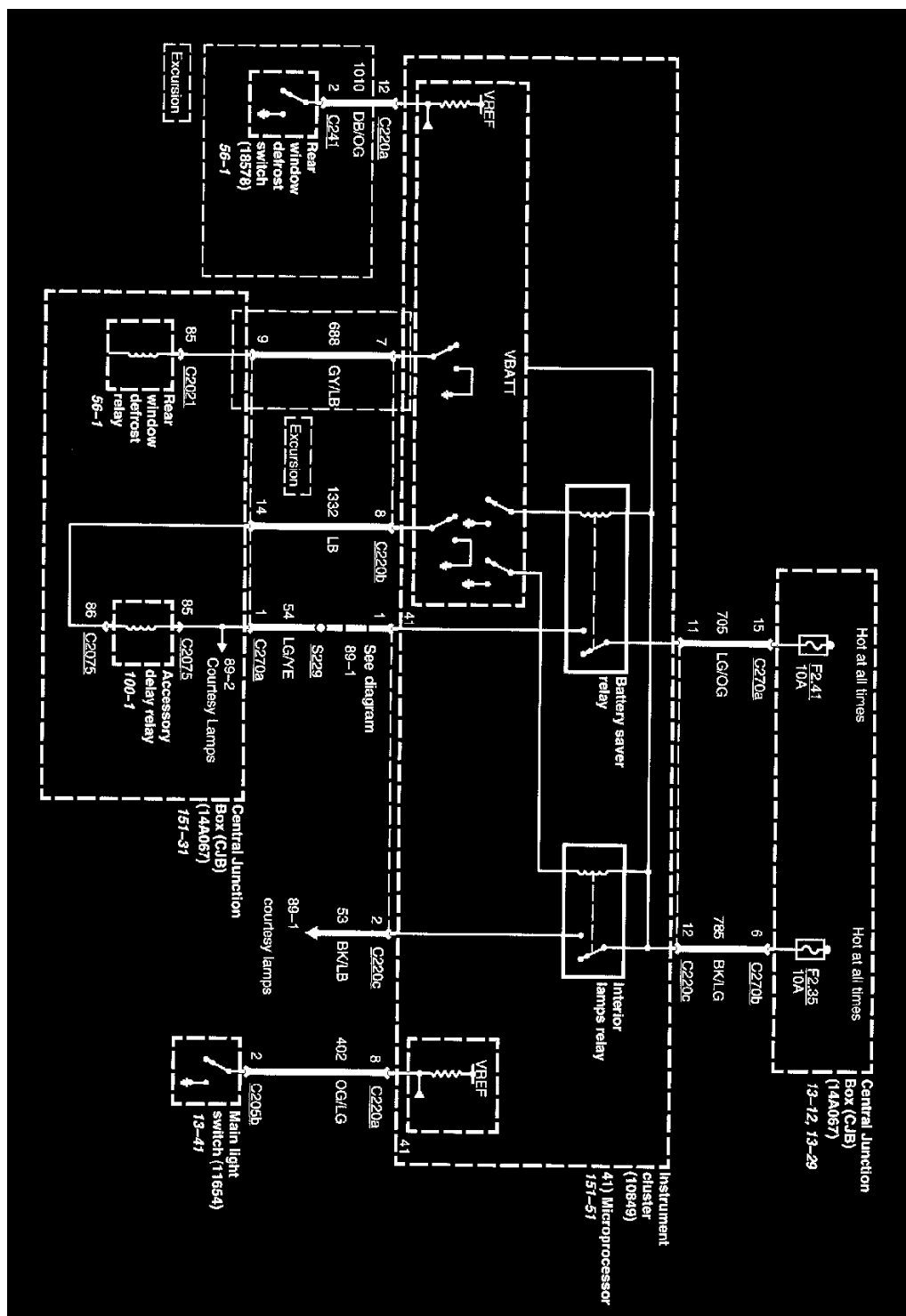




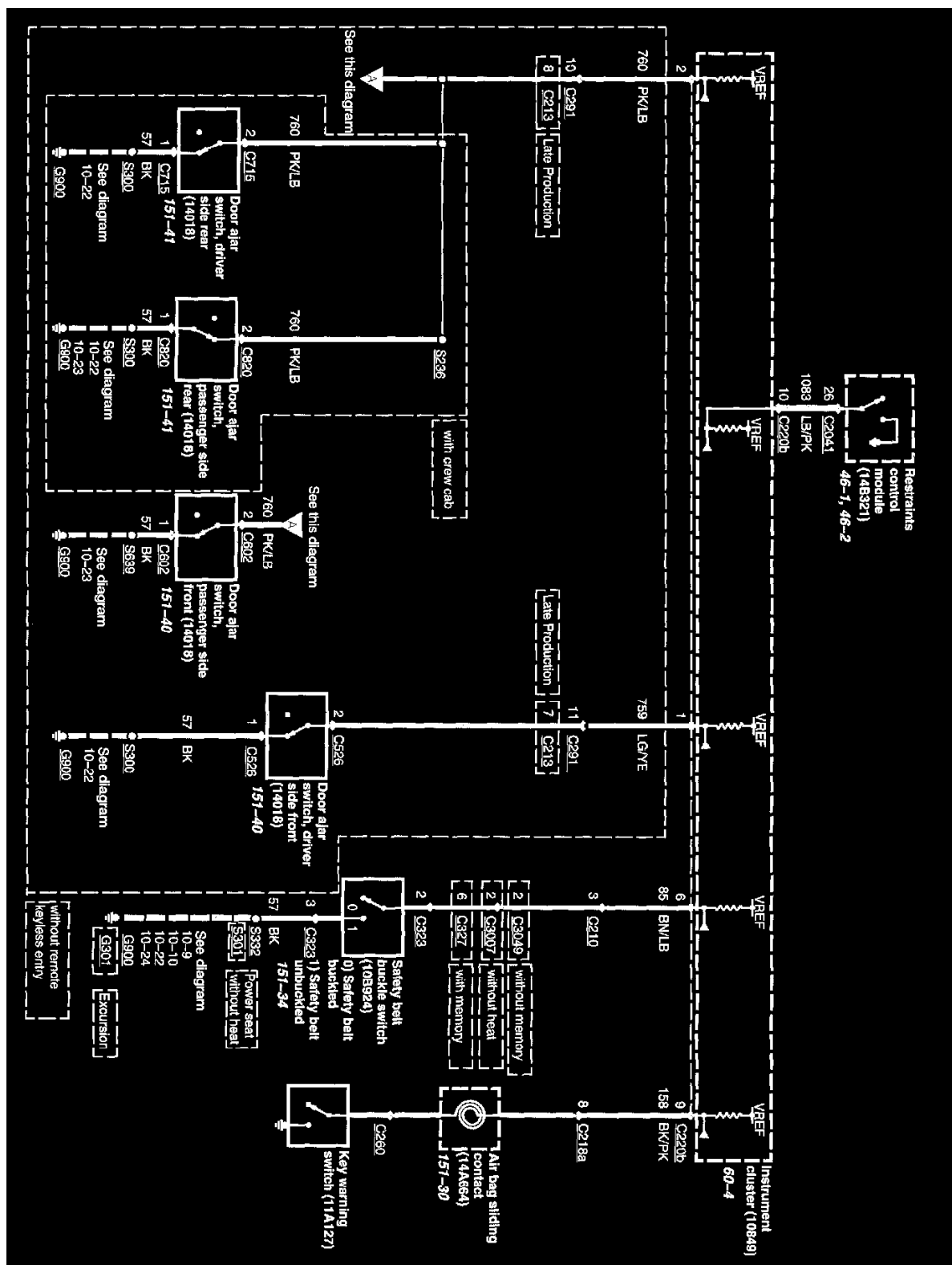


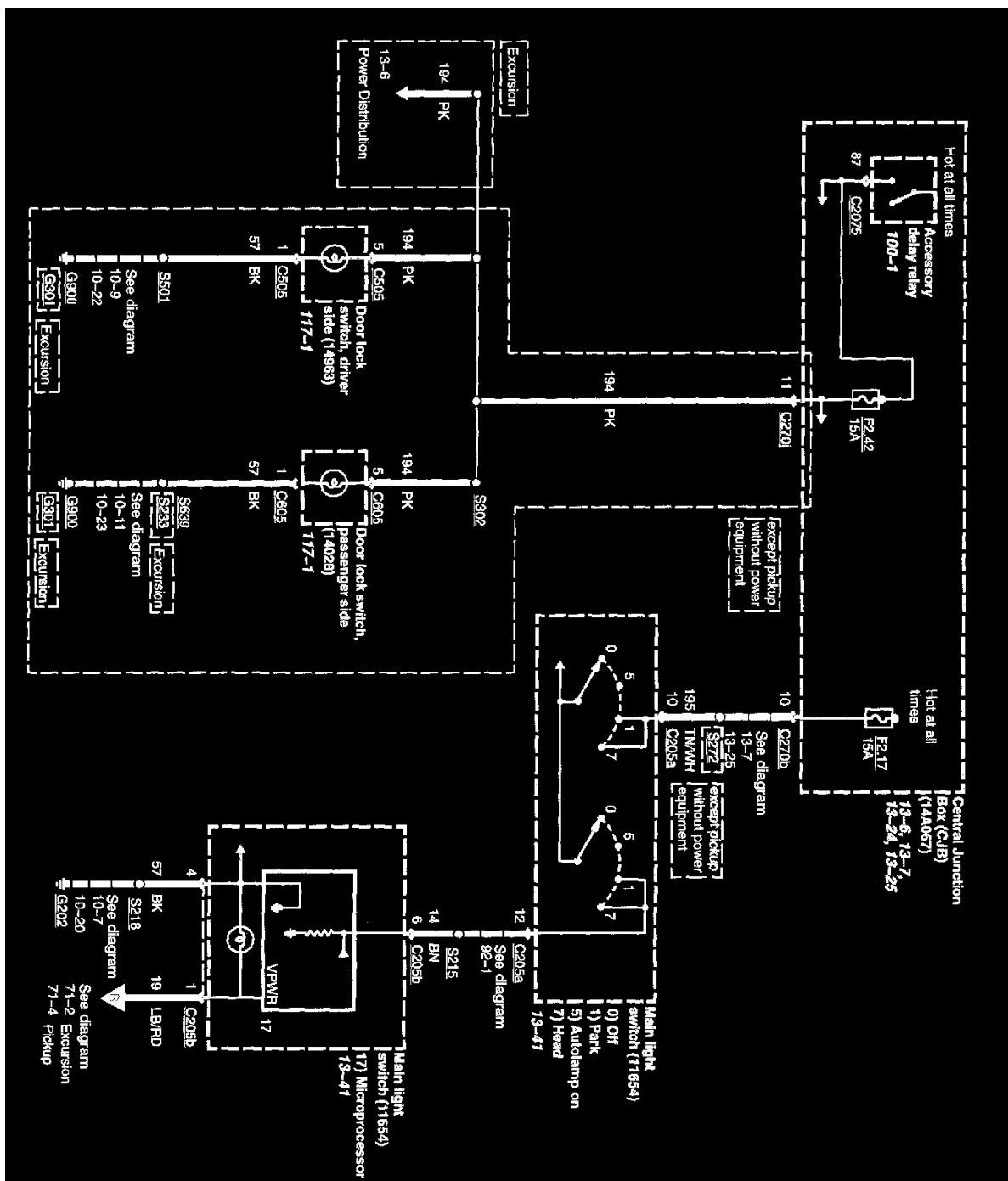




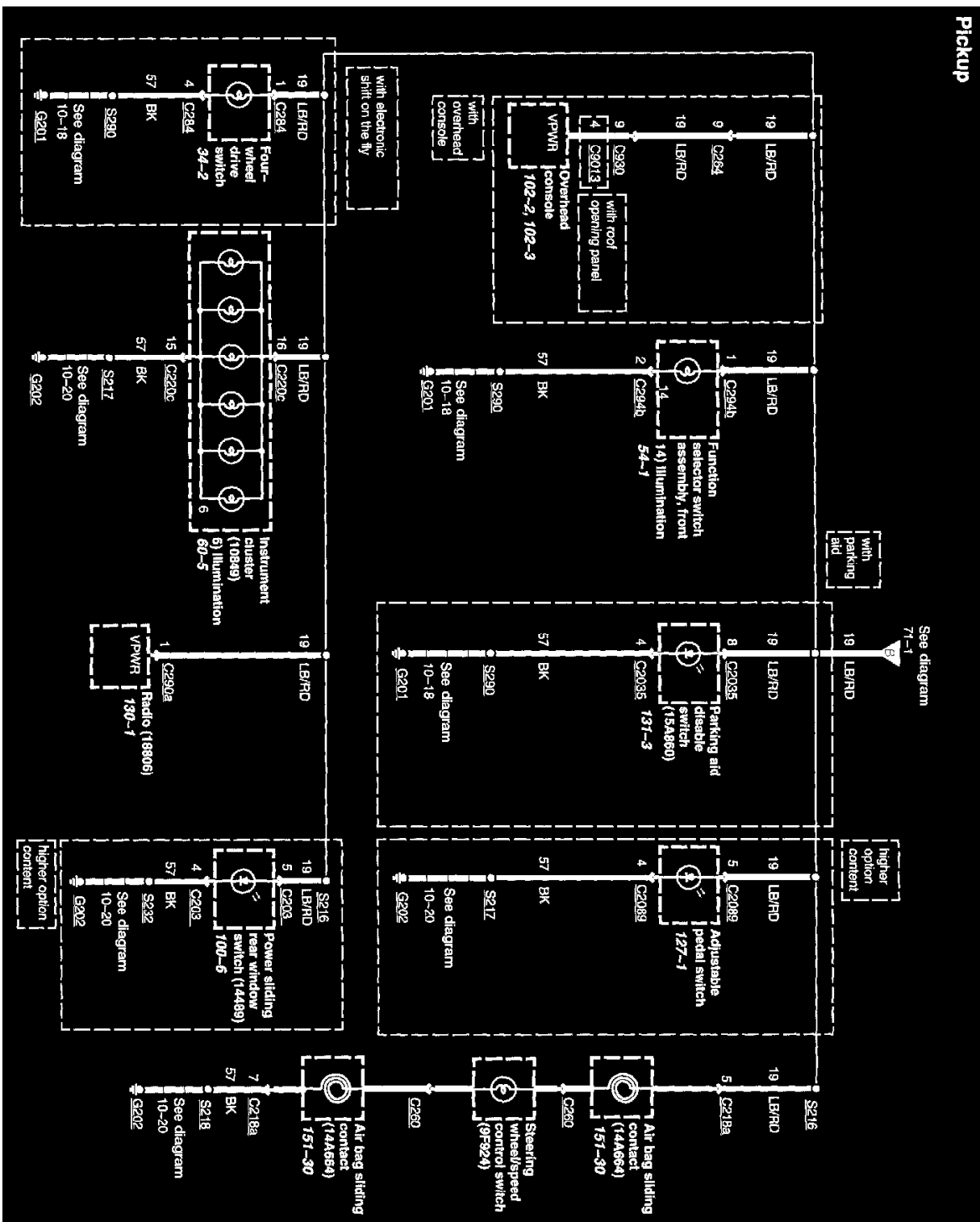


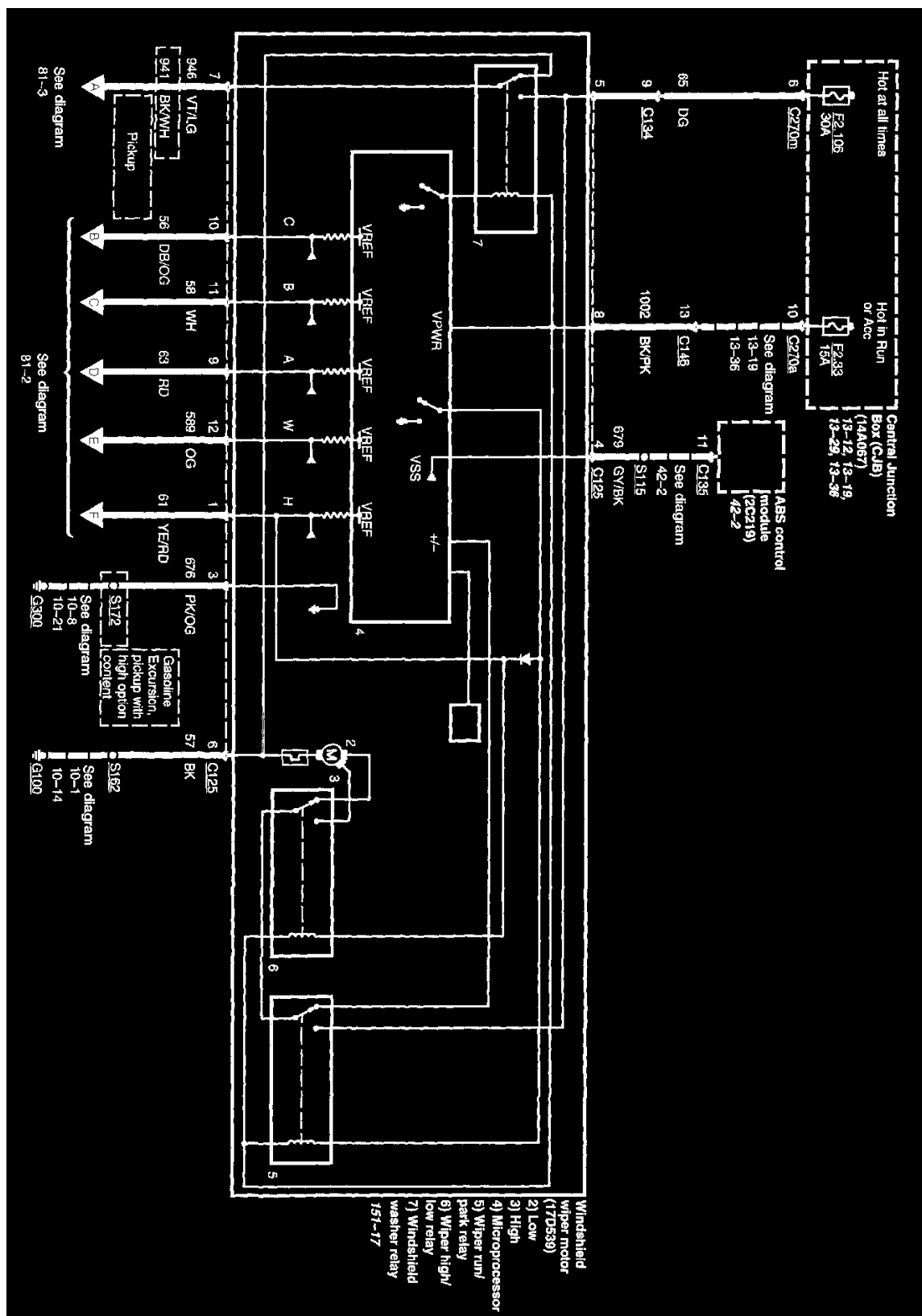


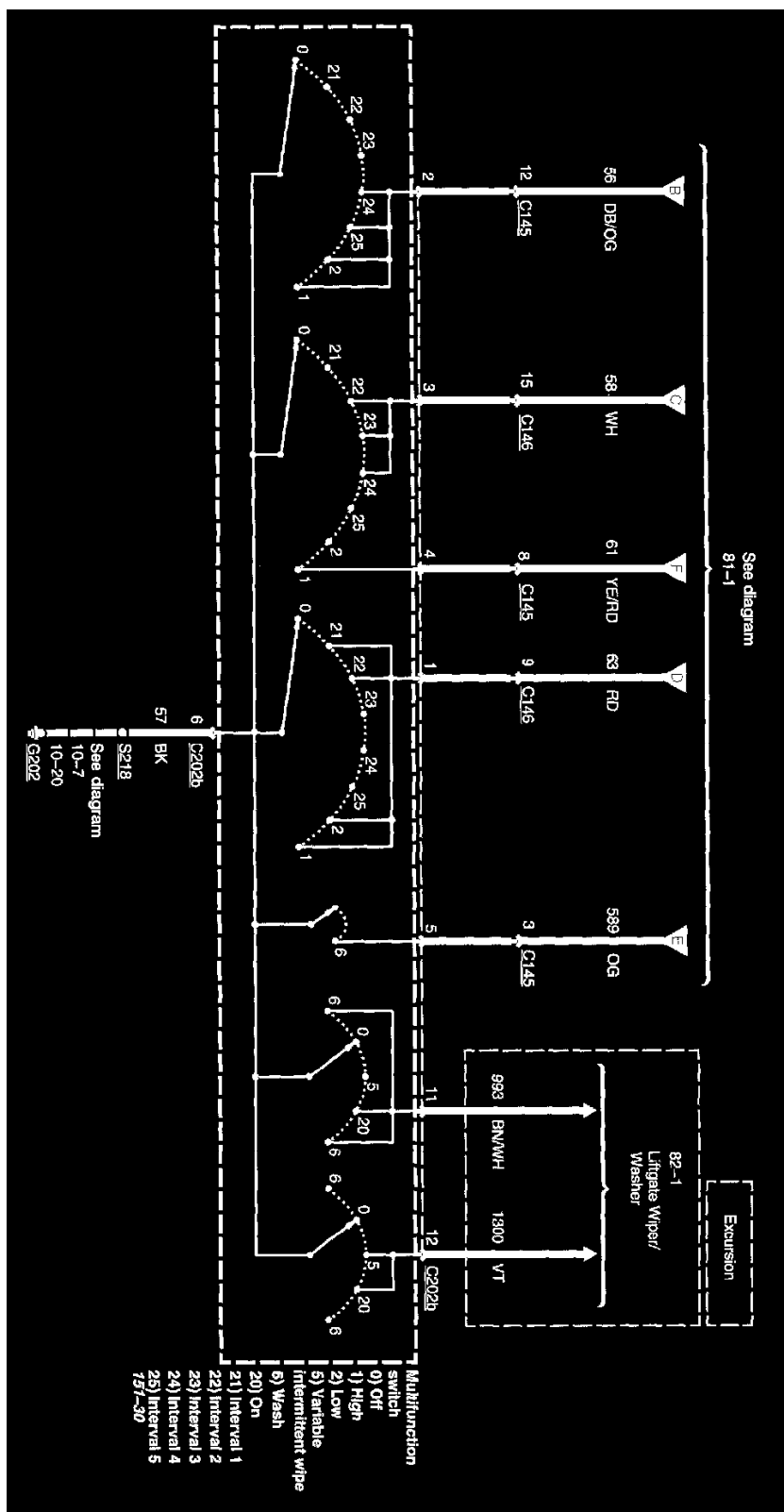




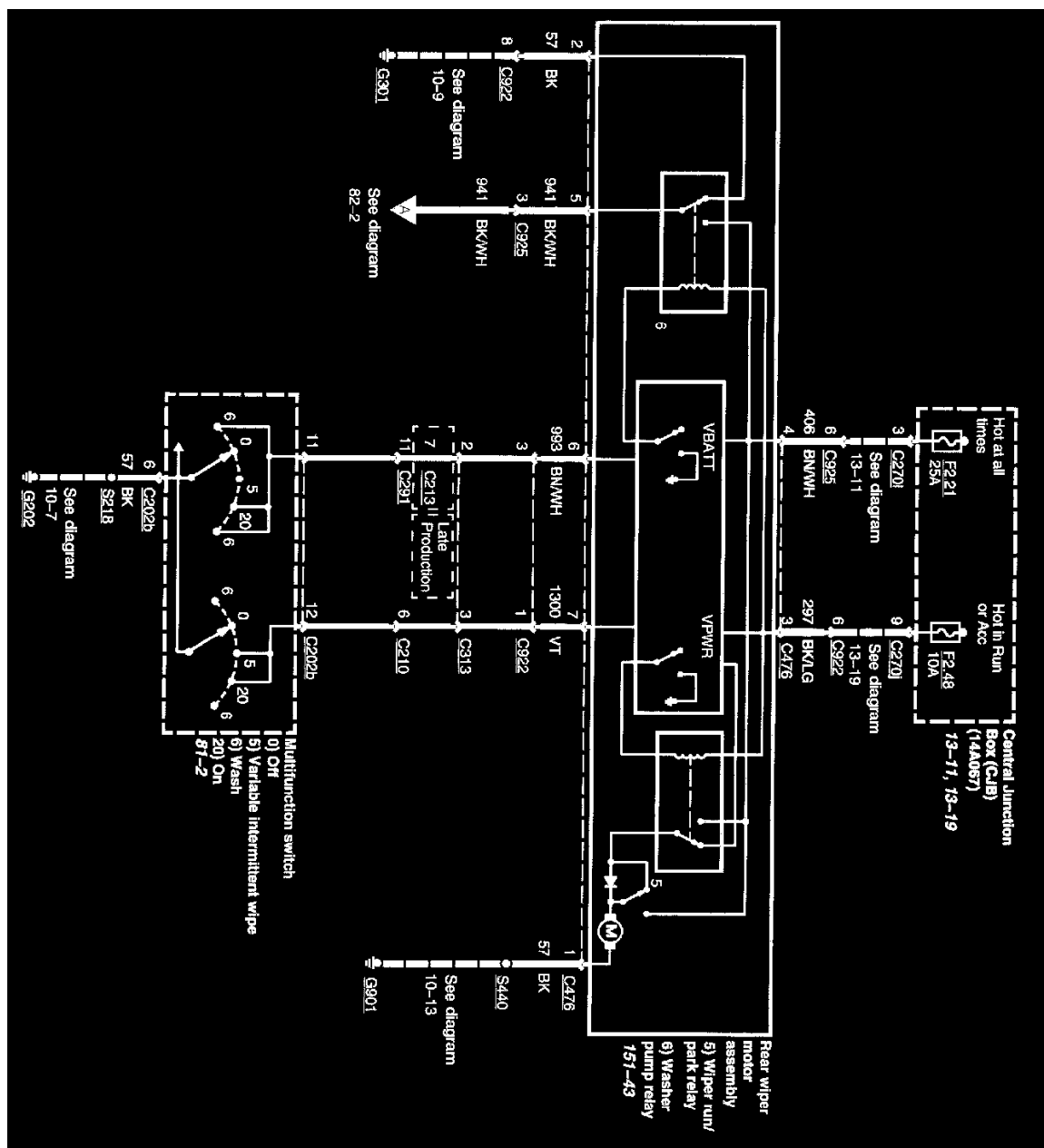
Pickup

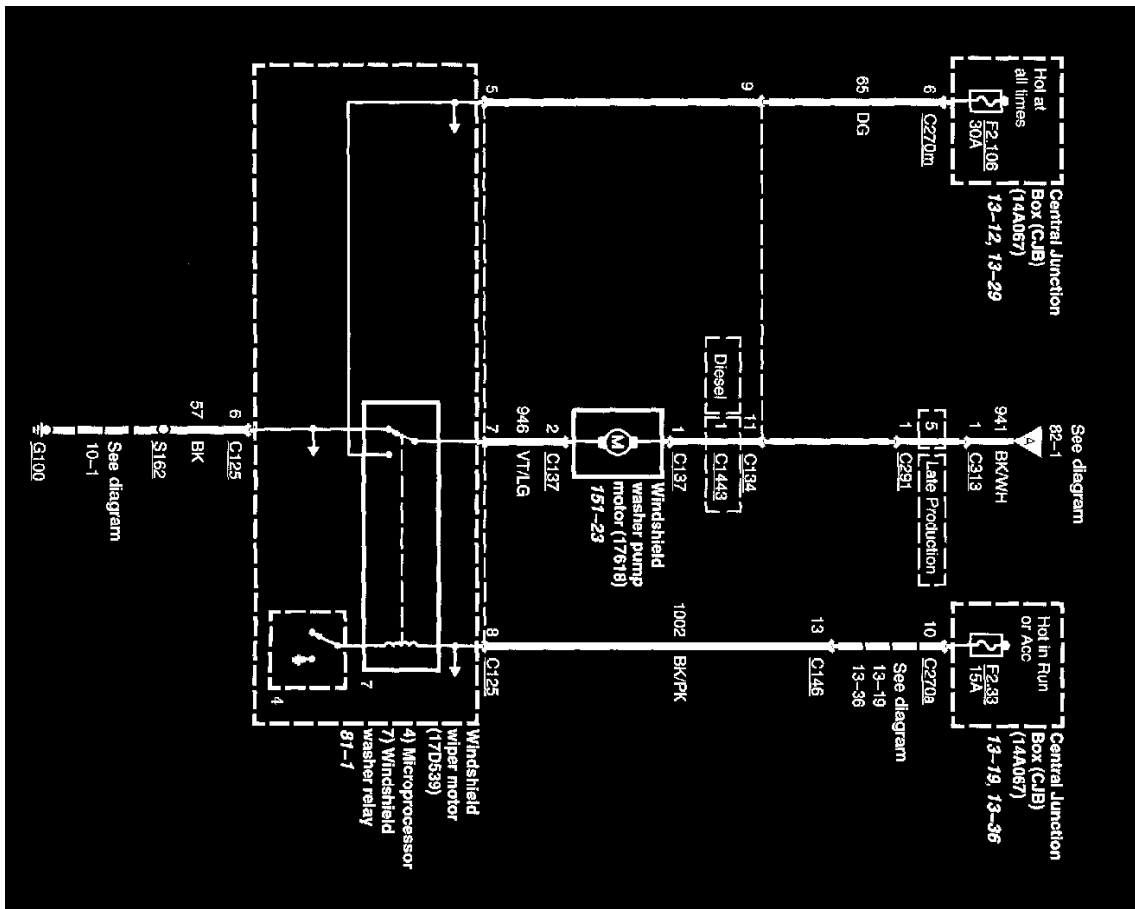






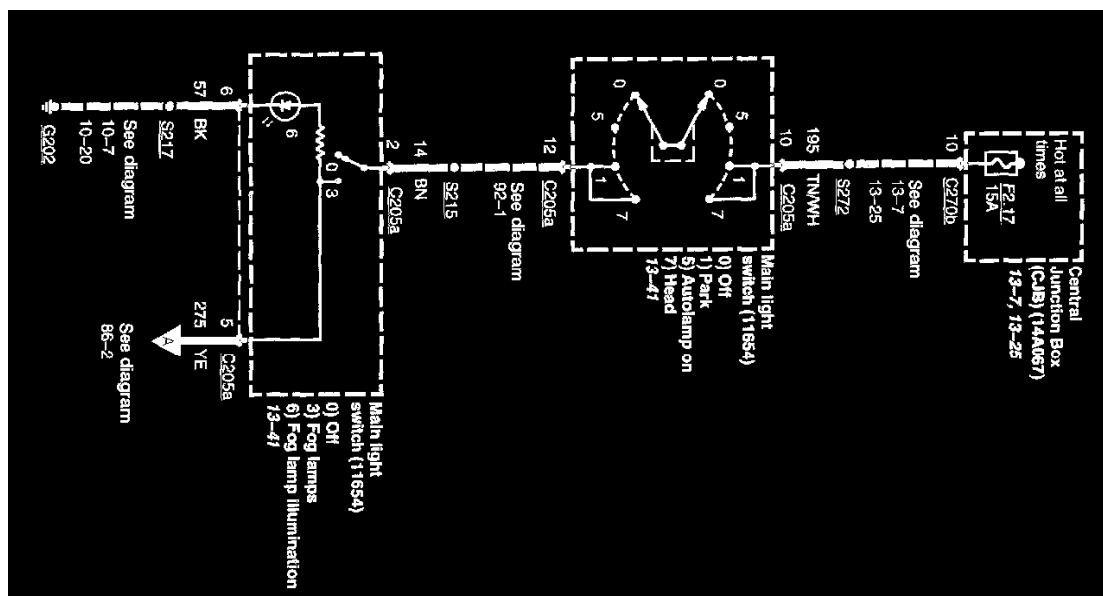




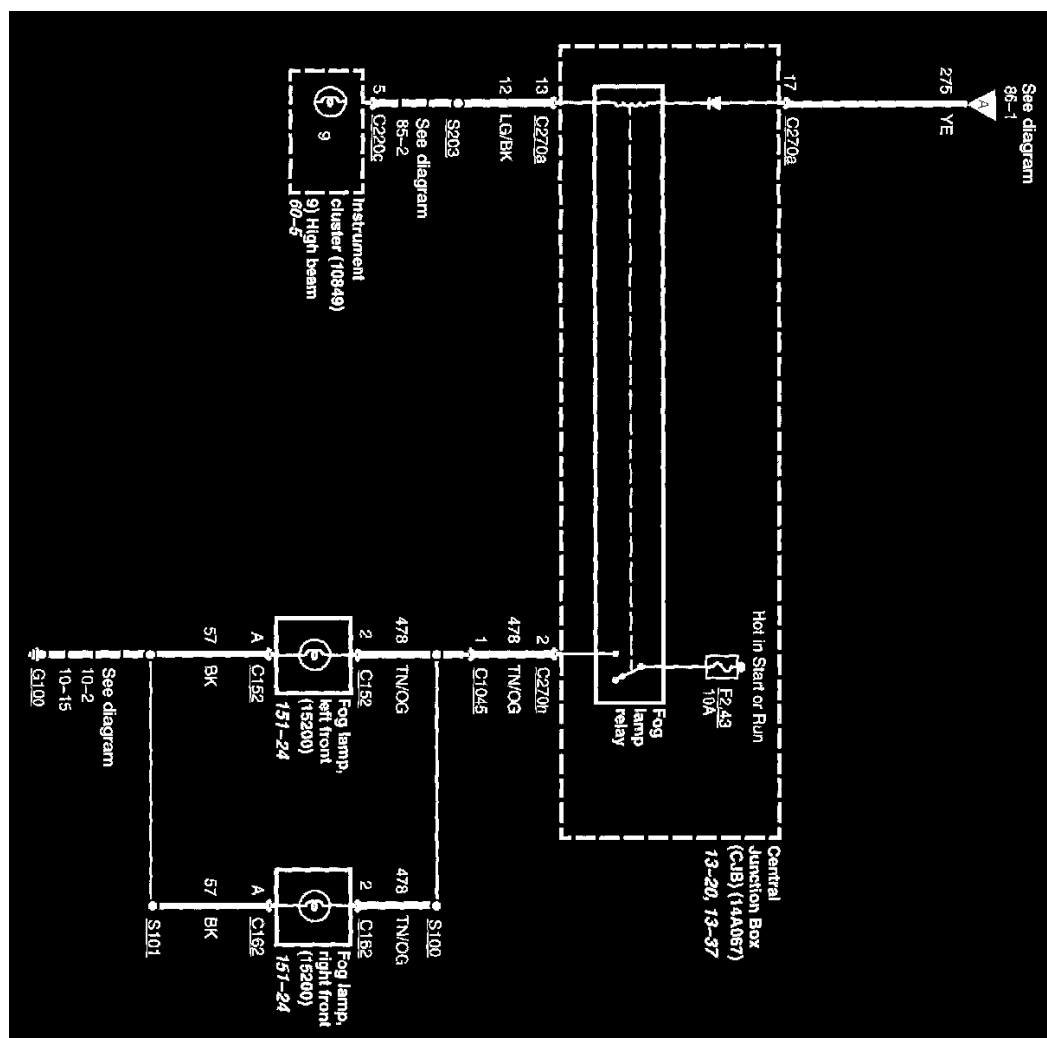


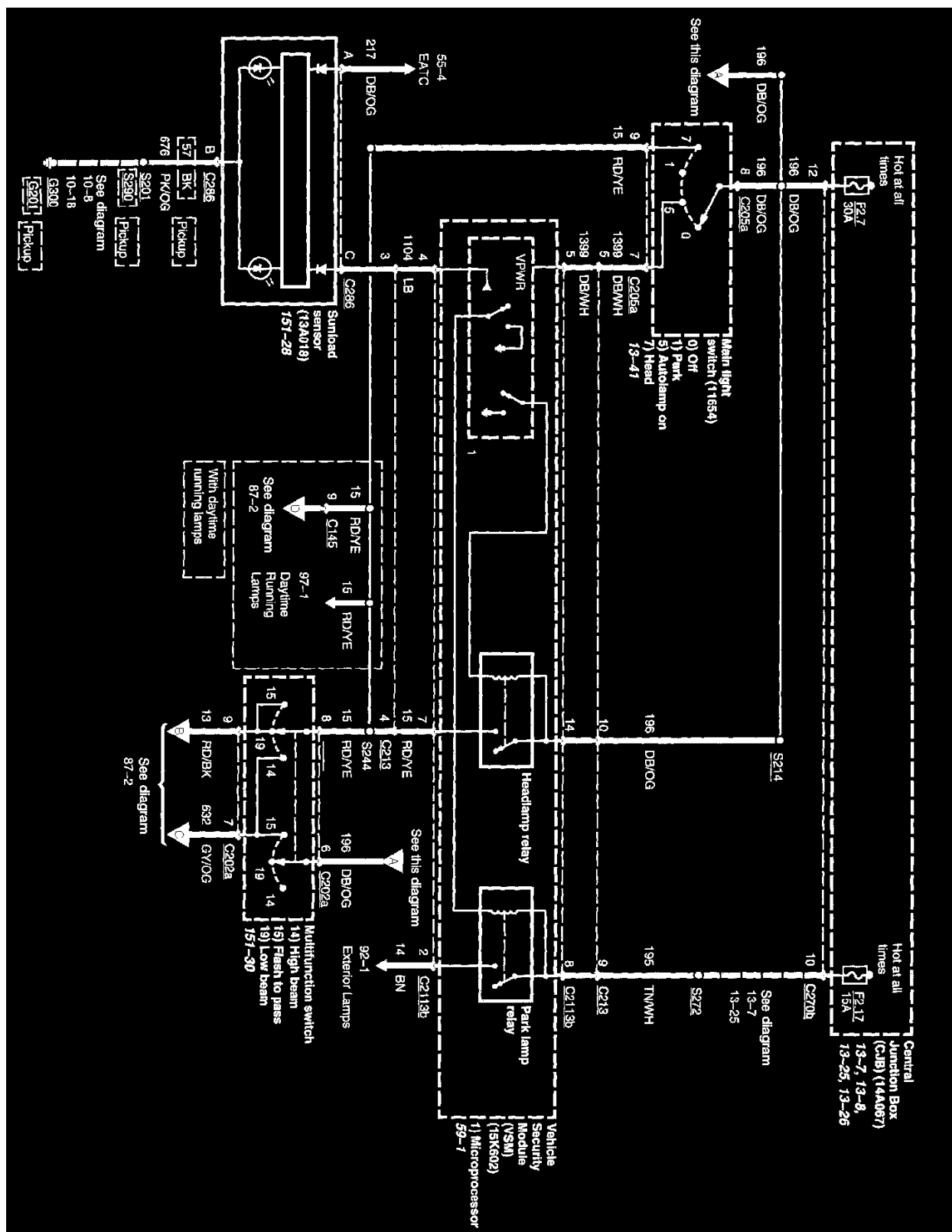






86-1





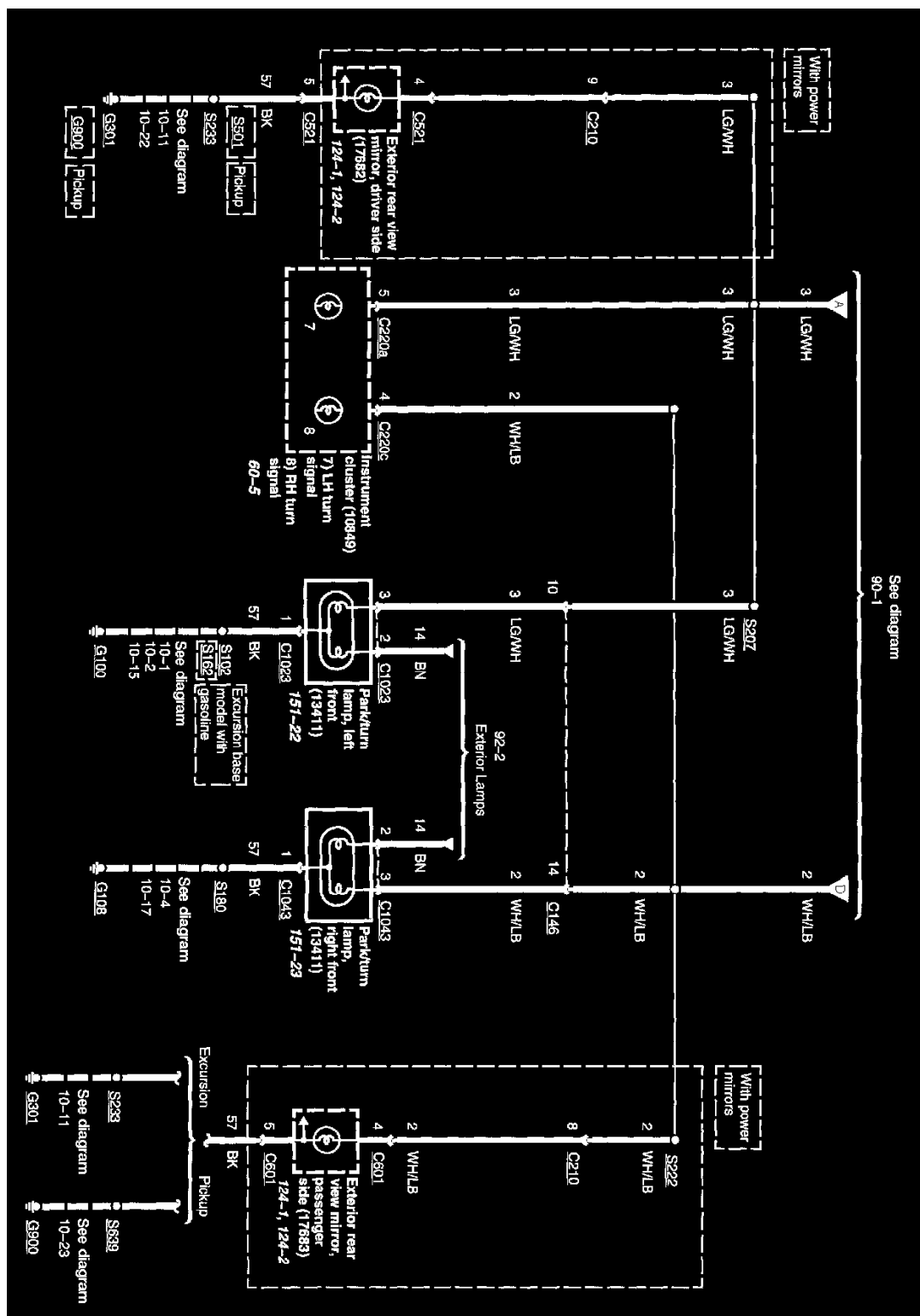






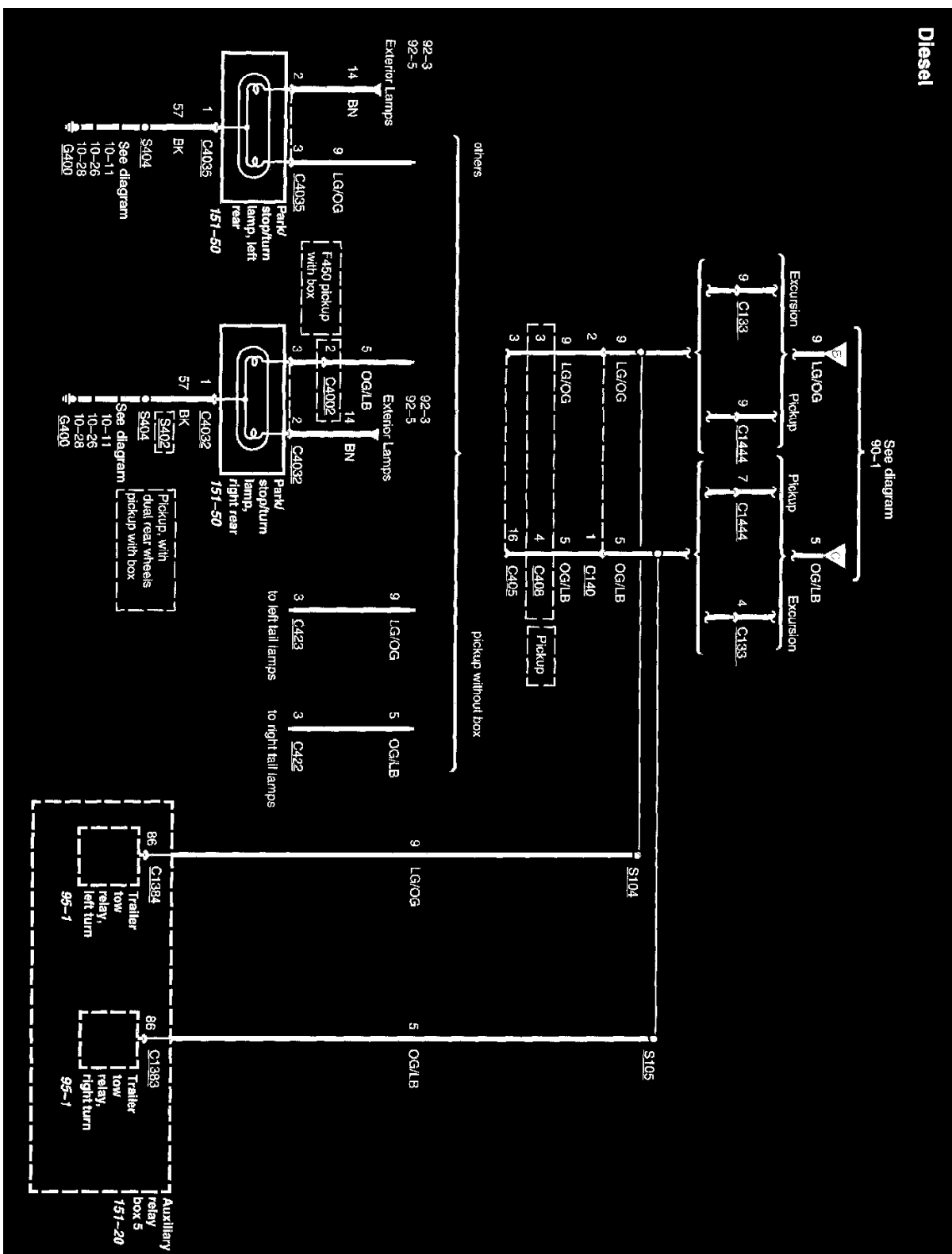
89-5





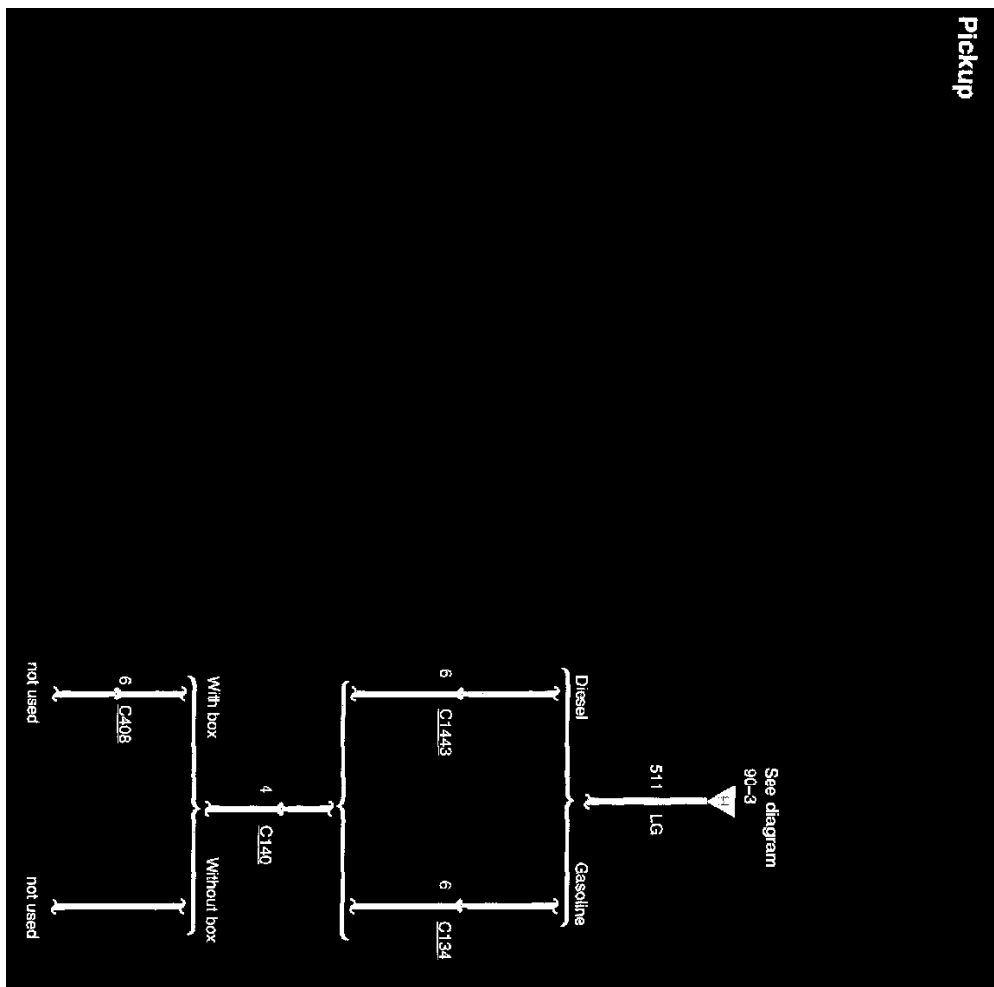


Diesel





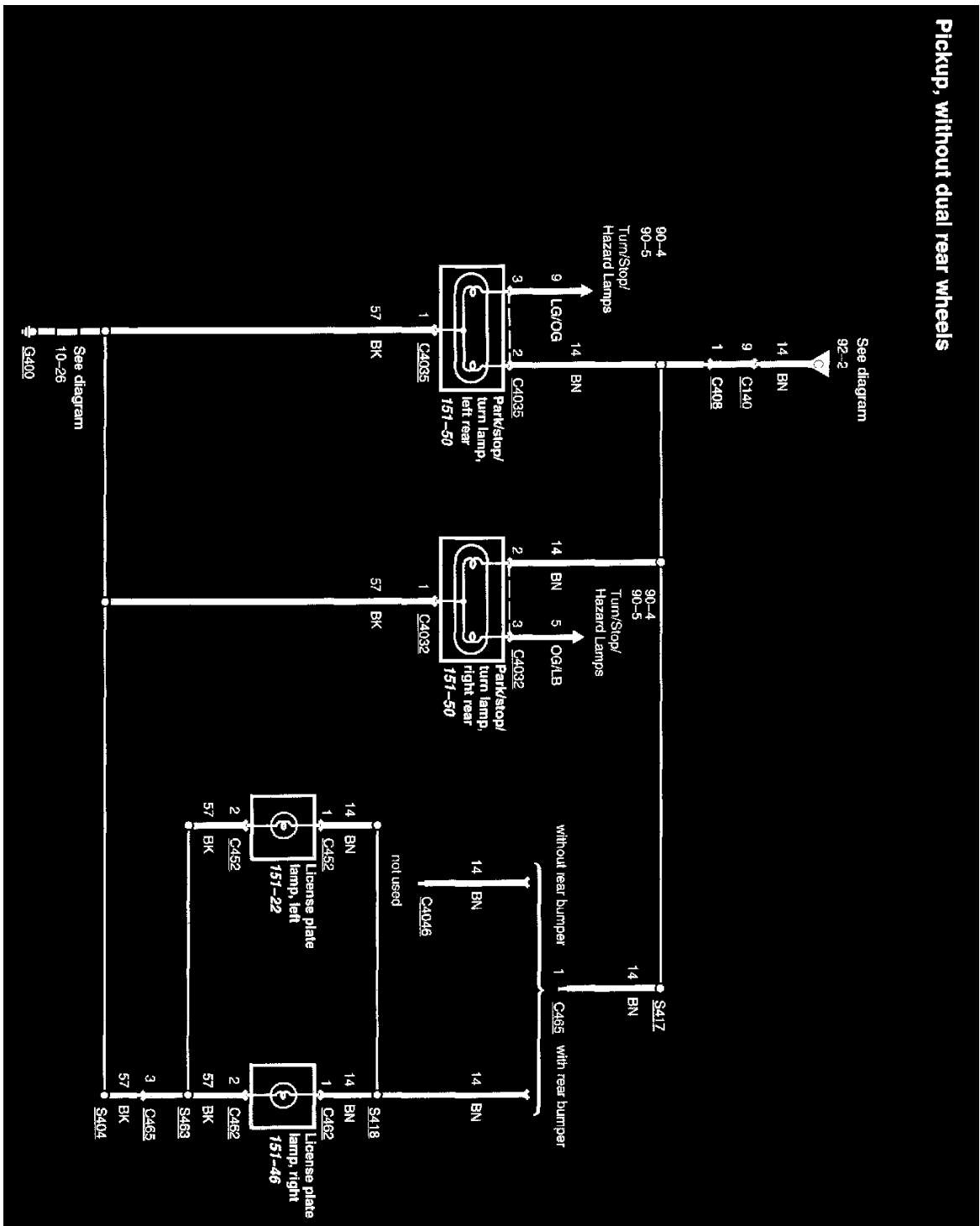
Pickup



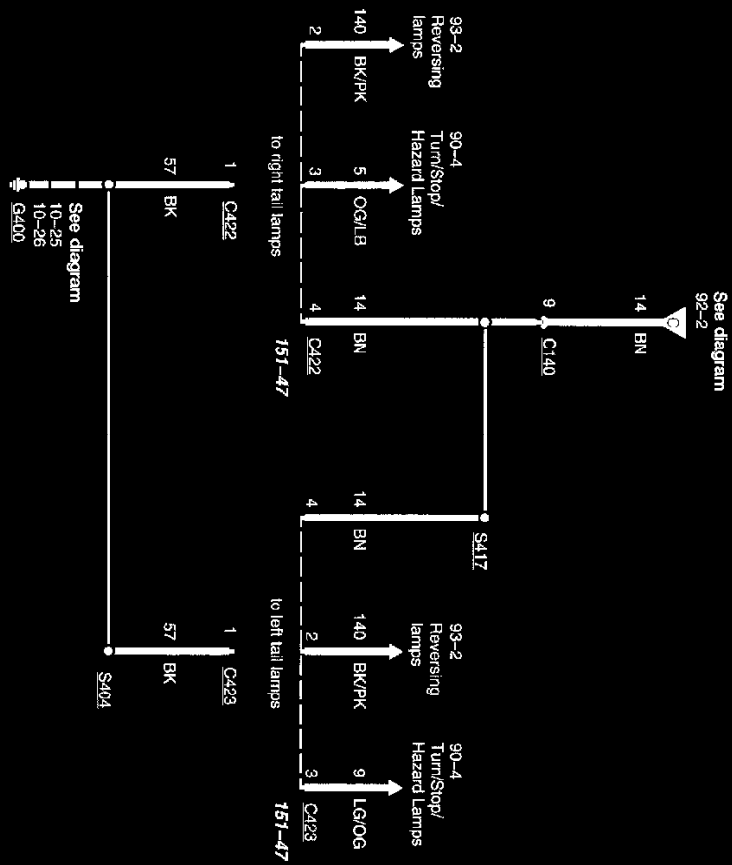




Pickup, without dual rear wheels



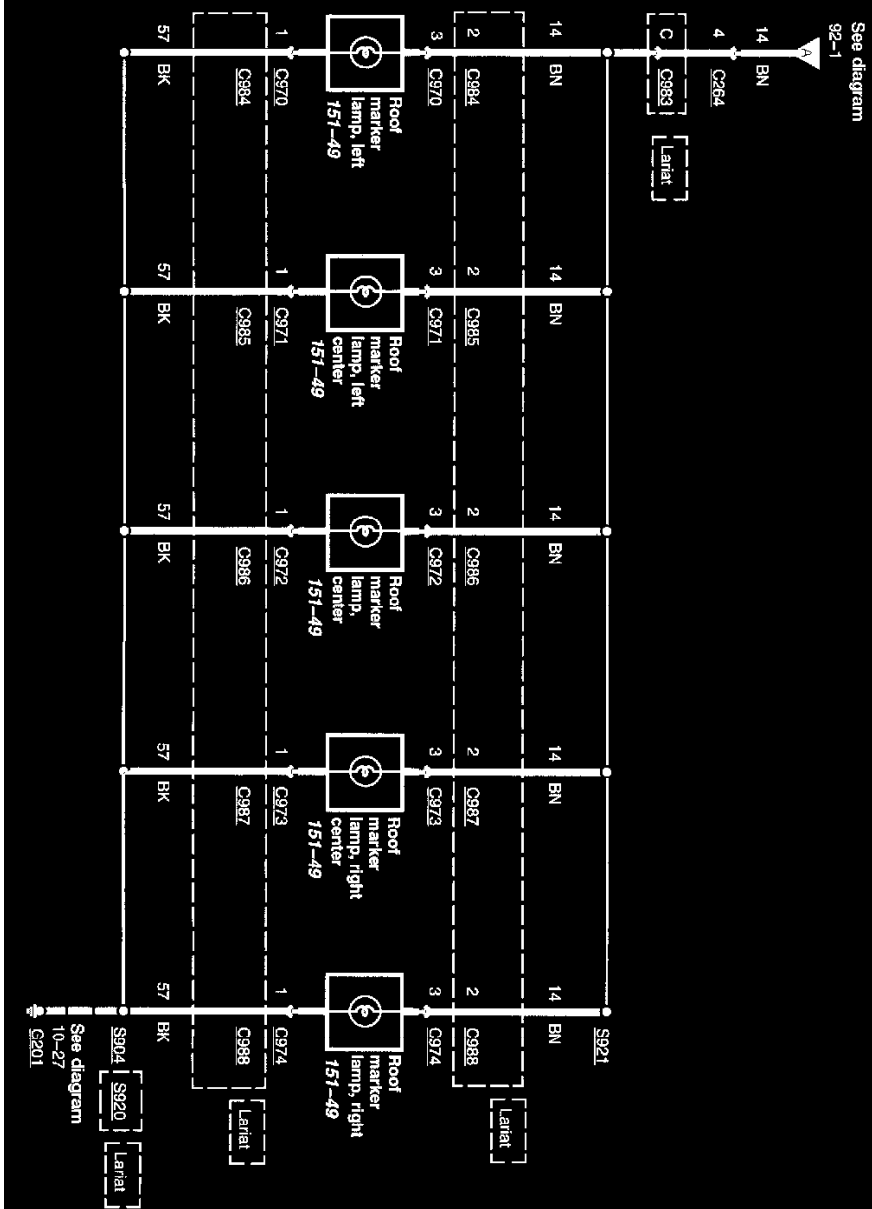
pickup without box



See diagram
92-2

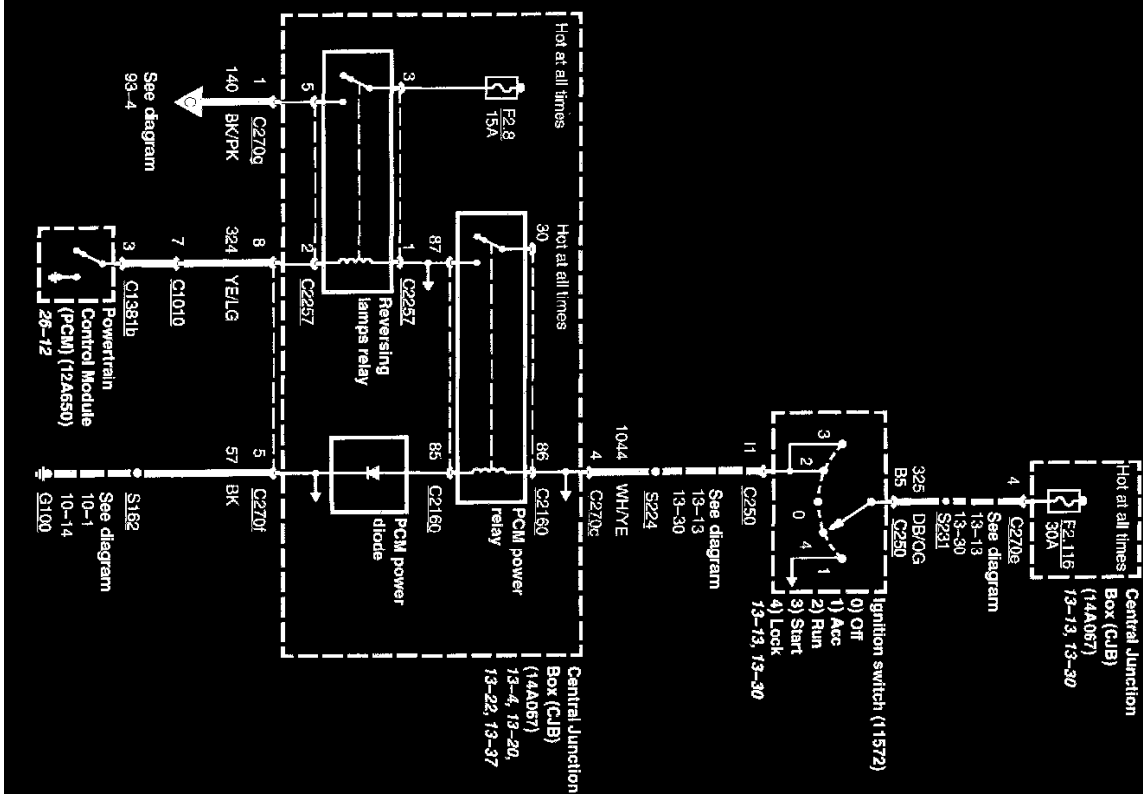


Pickup



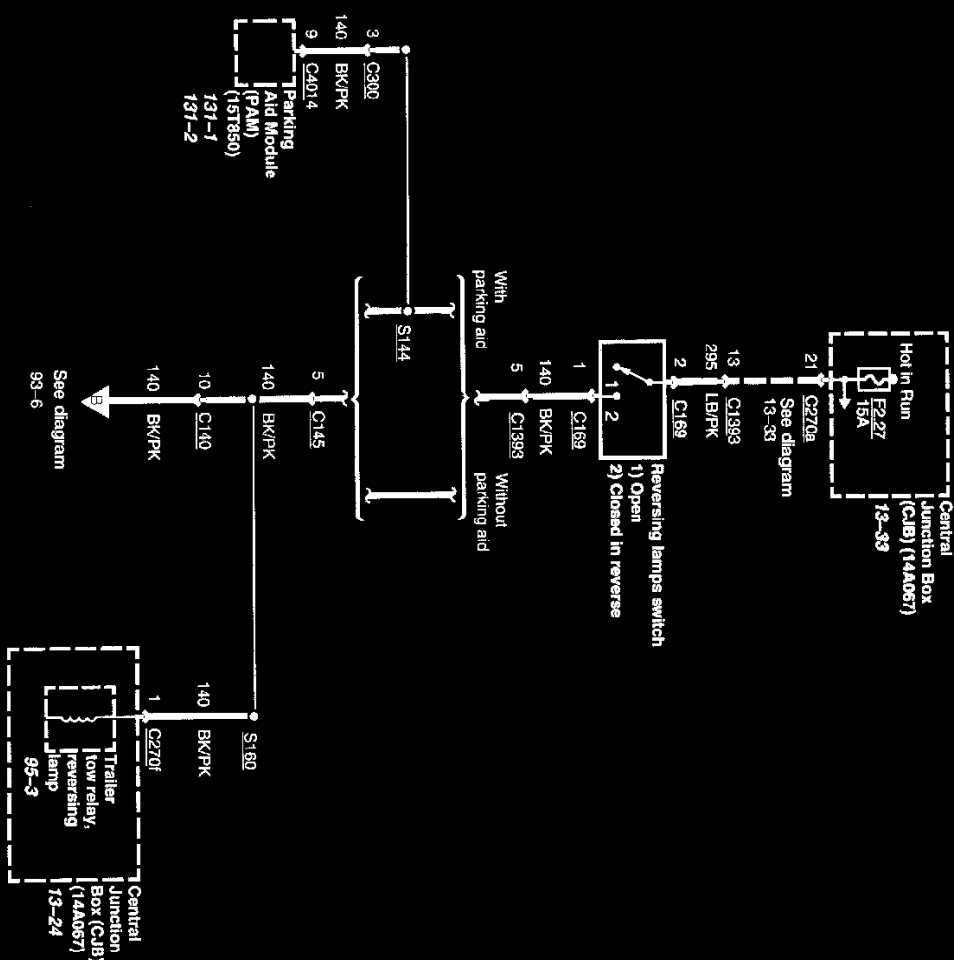
92-7

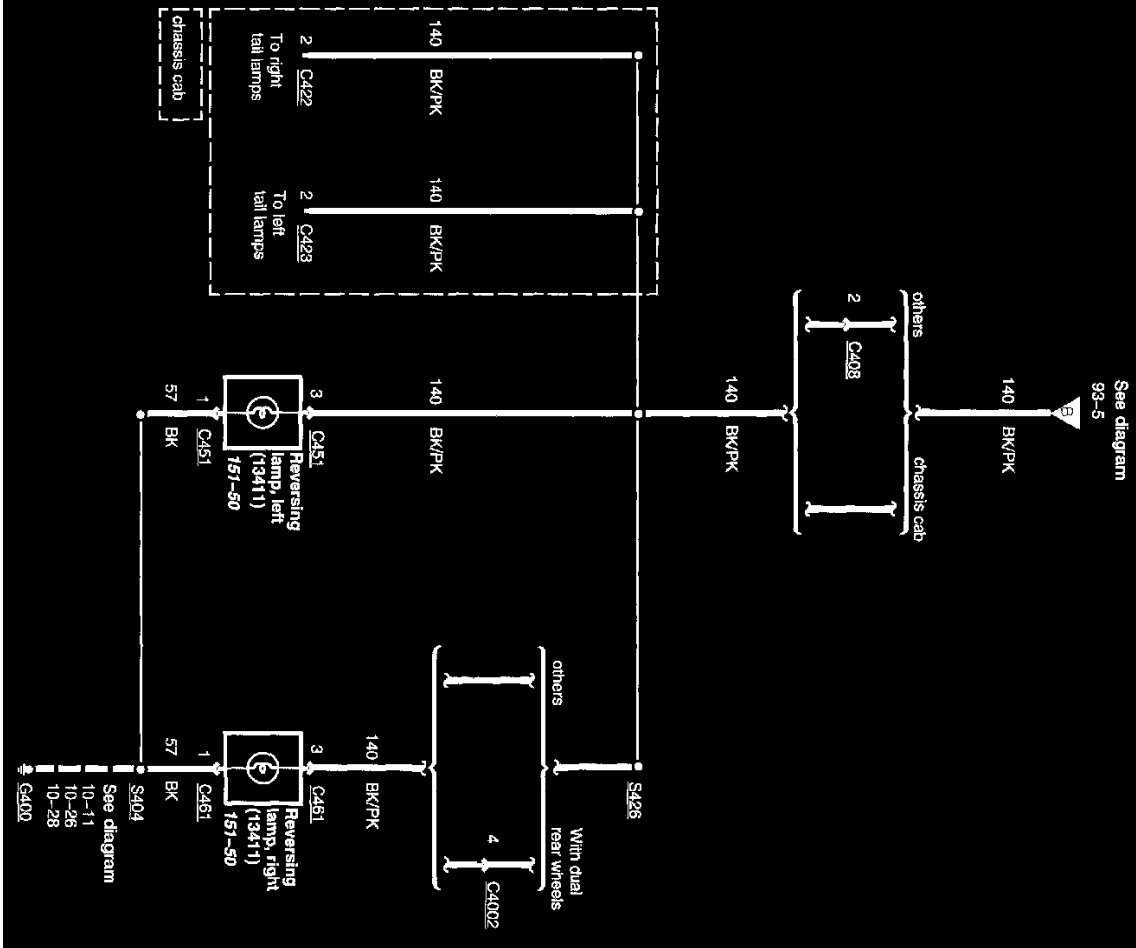
Diesel, with Automatic Transmission

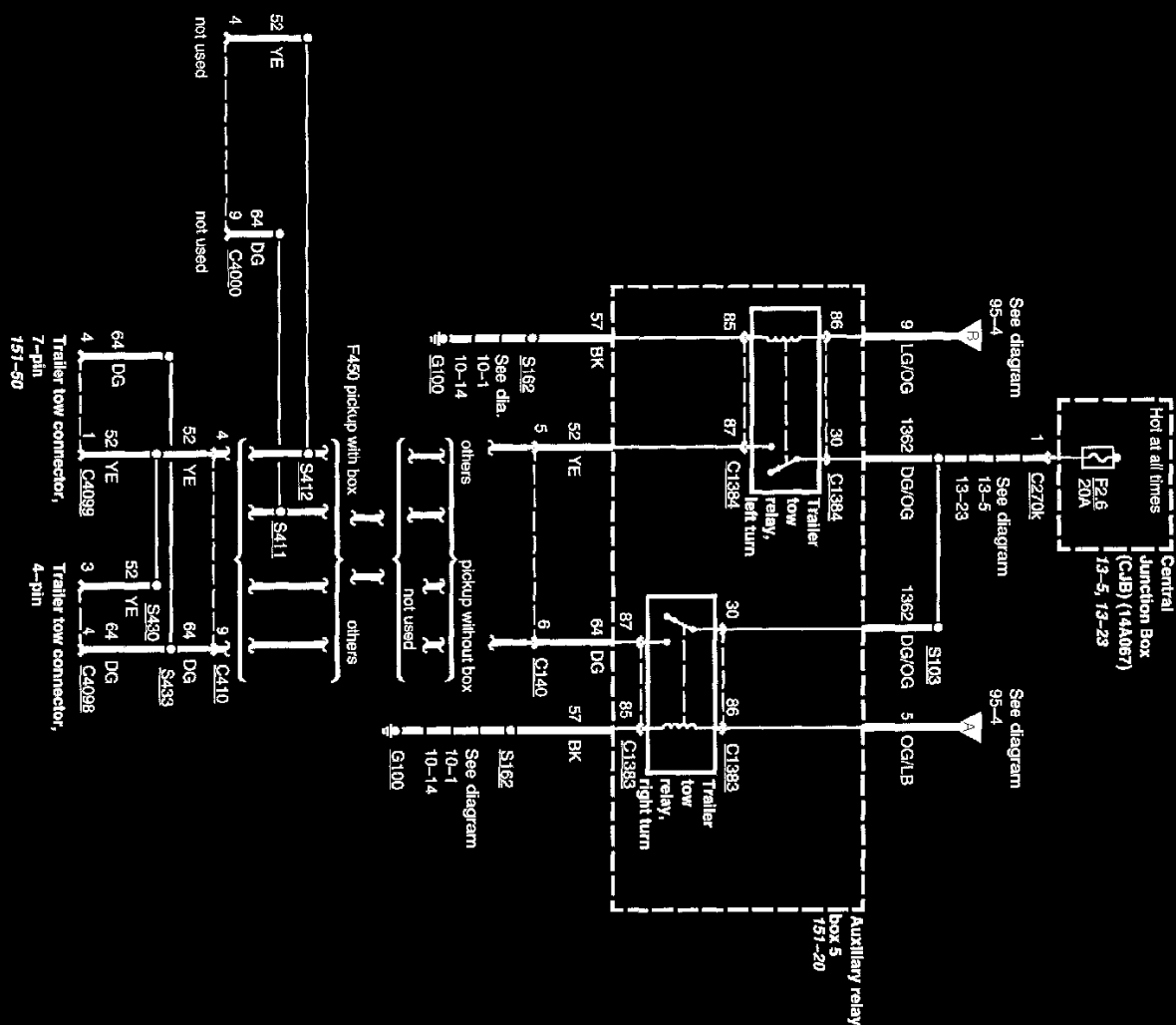


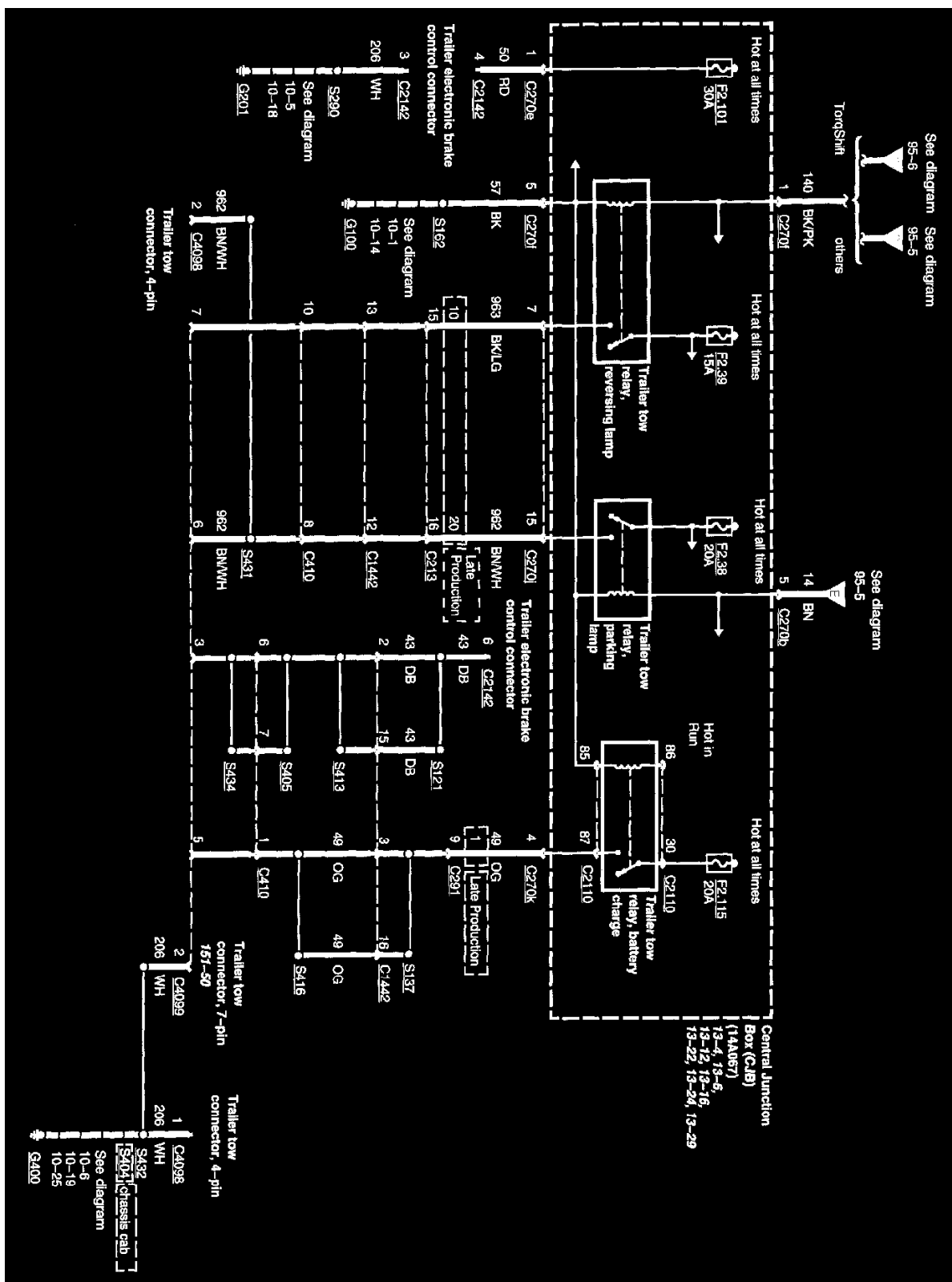
[illegible]

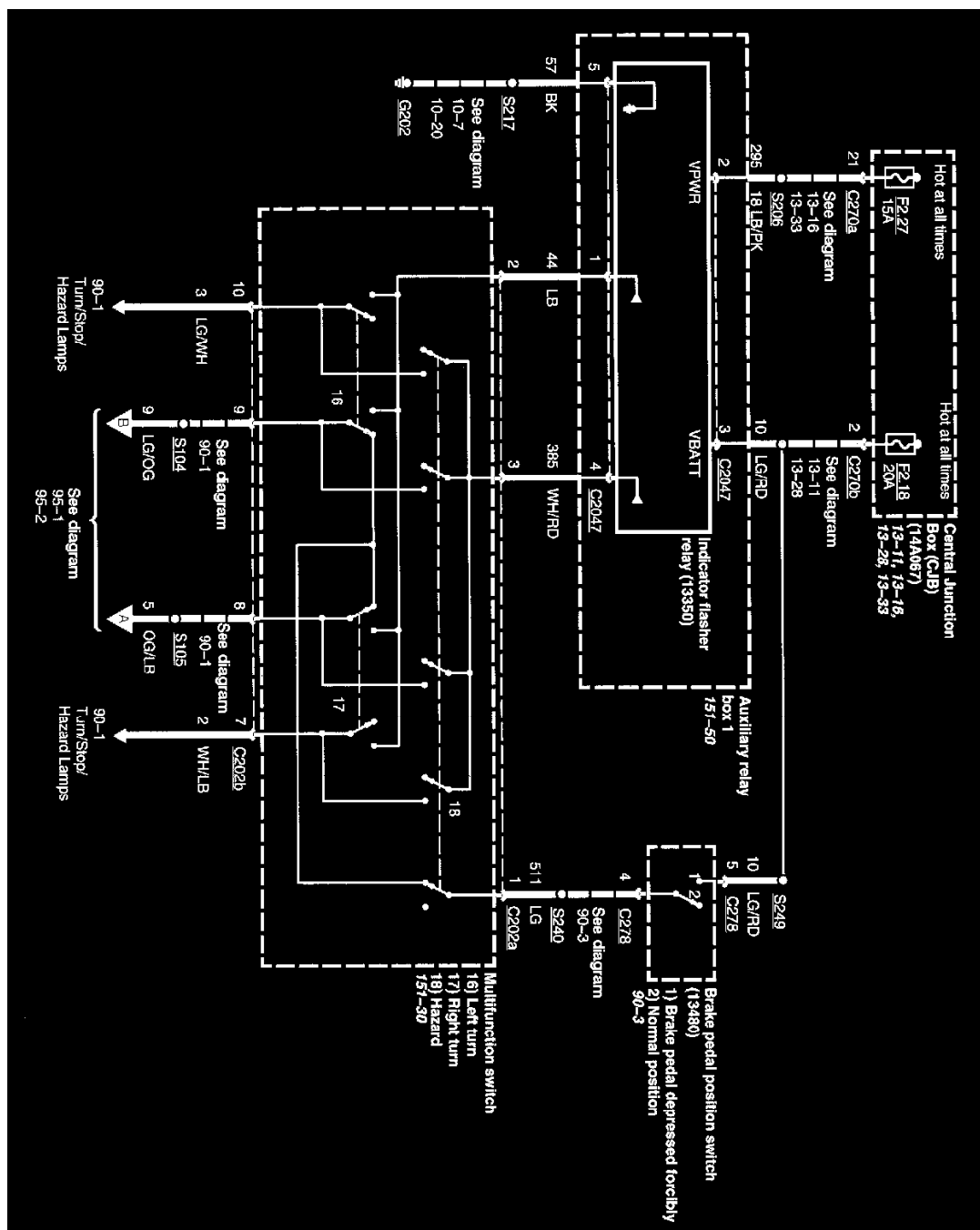
Manual Transmission





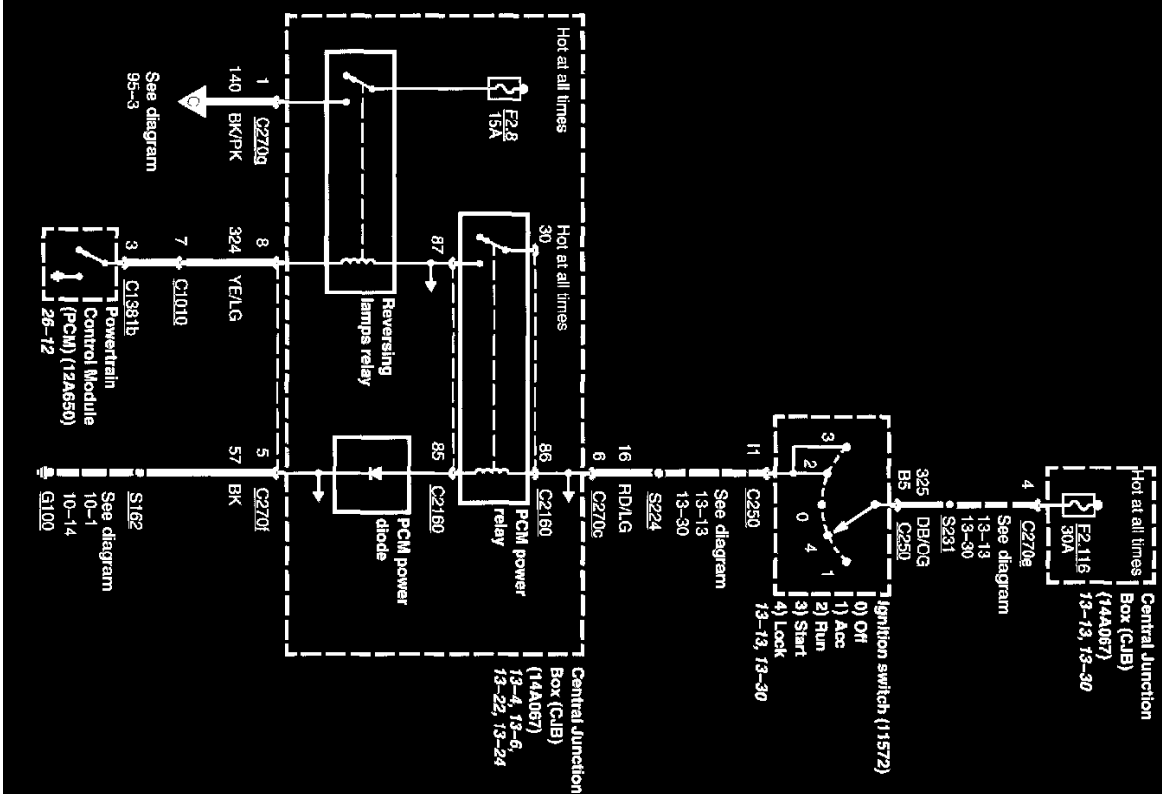


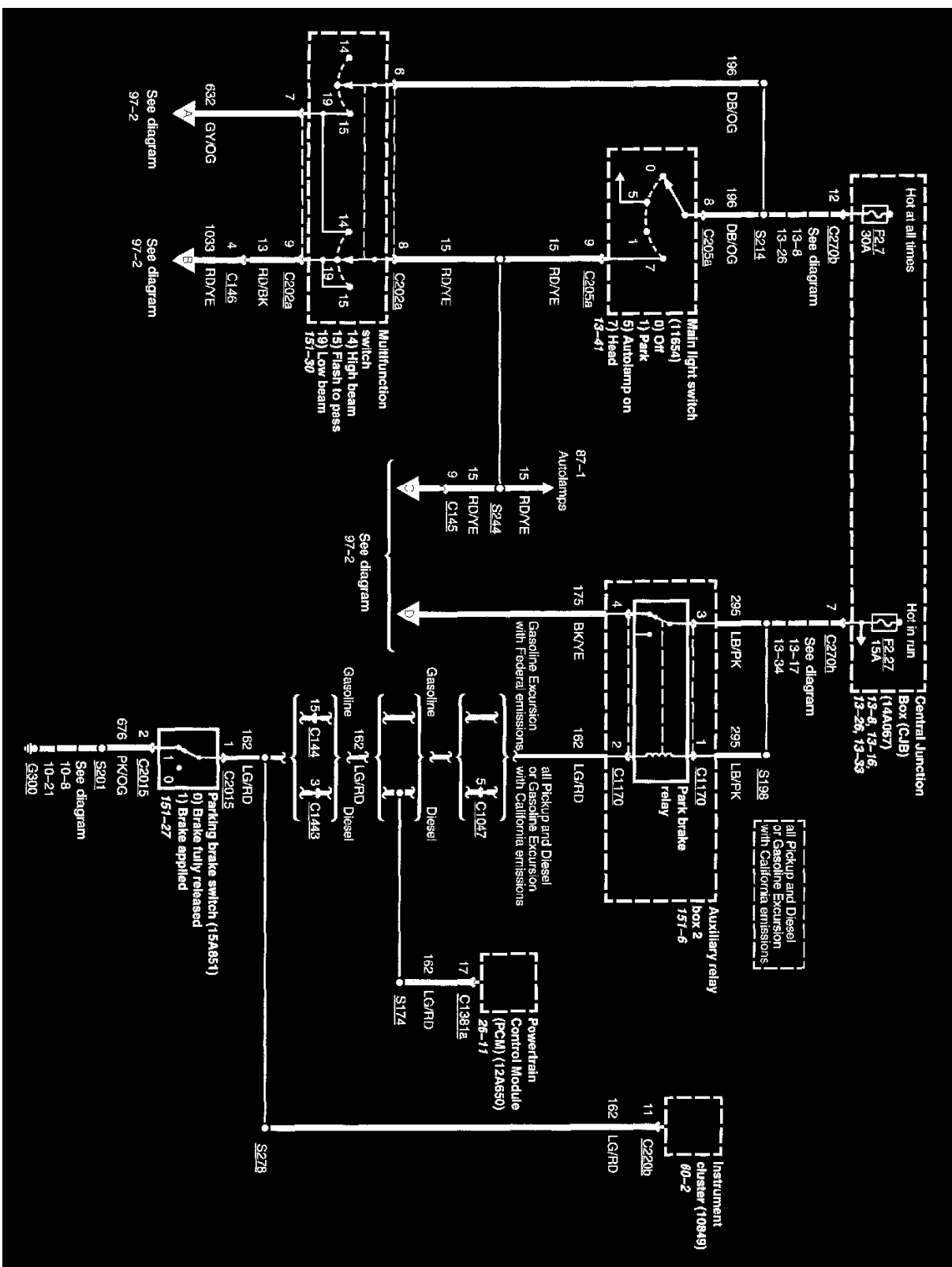






TorqShift







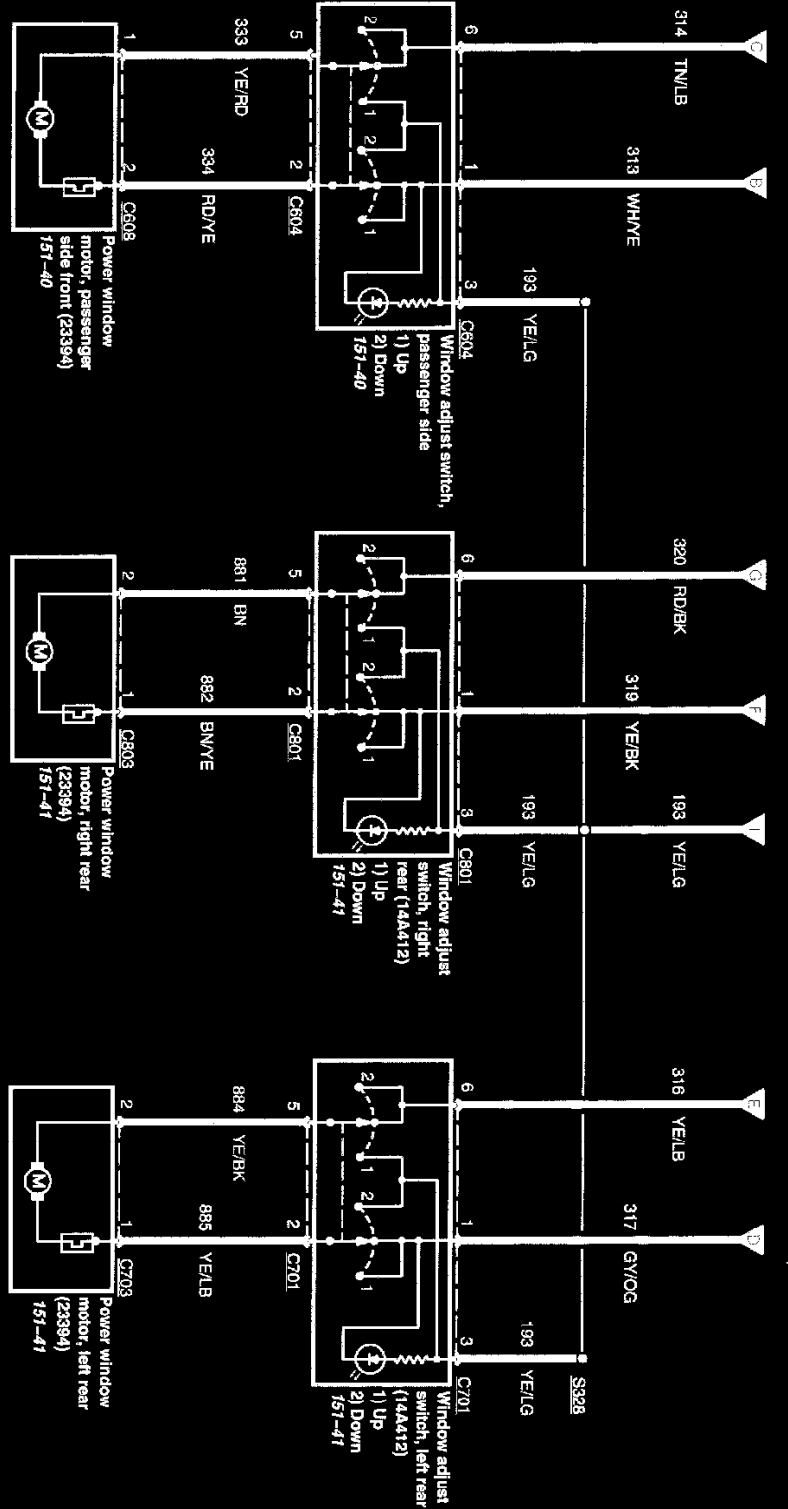


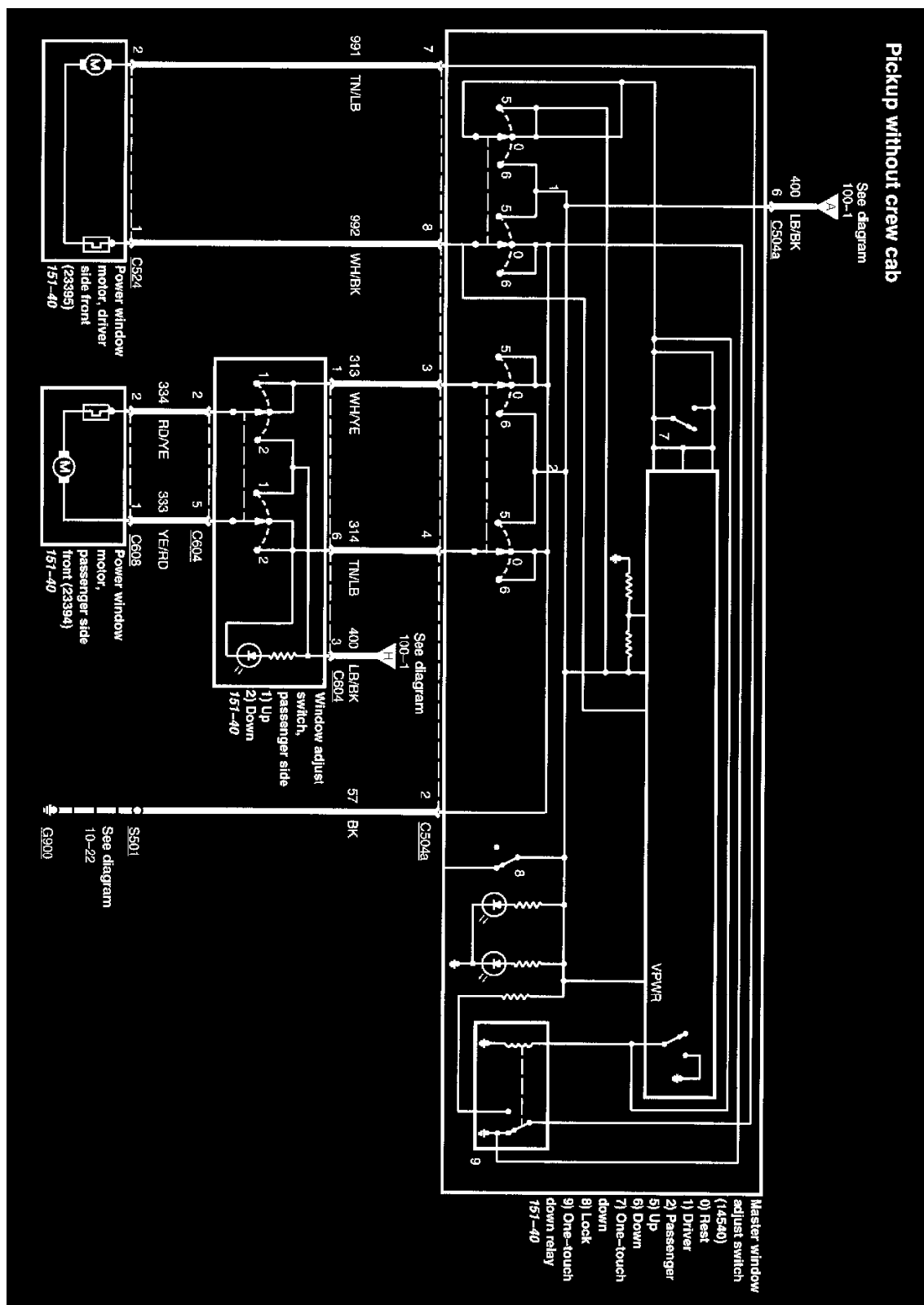
▷



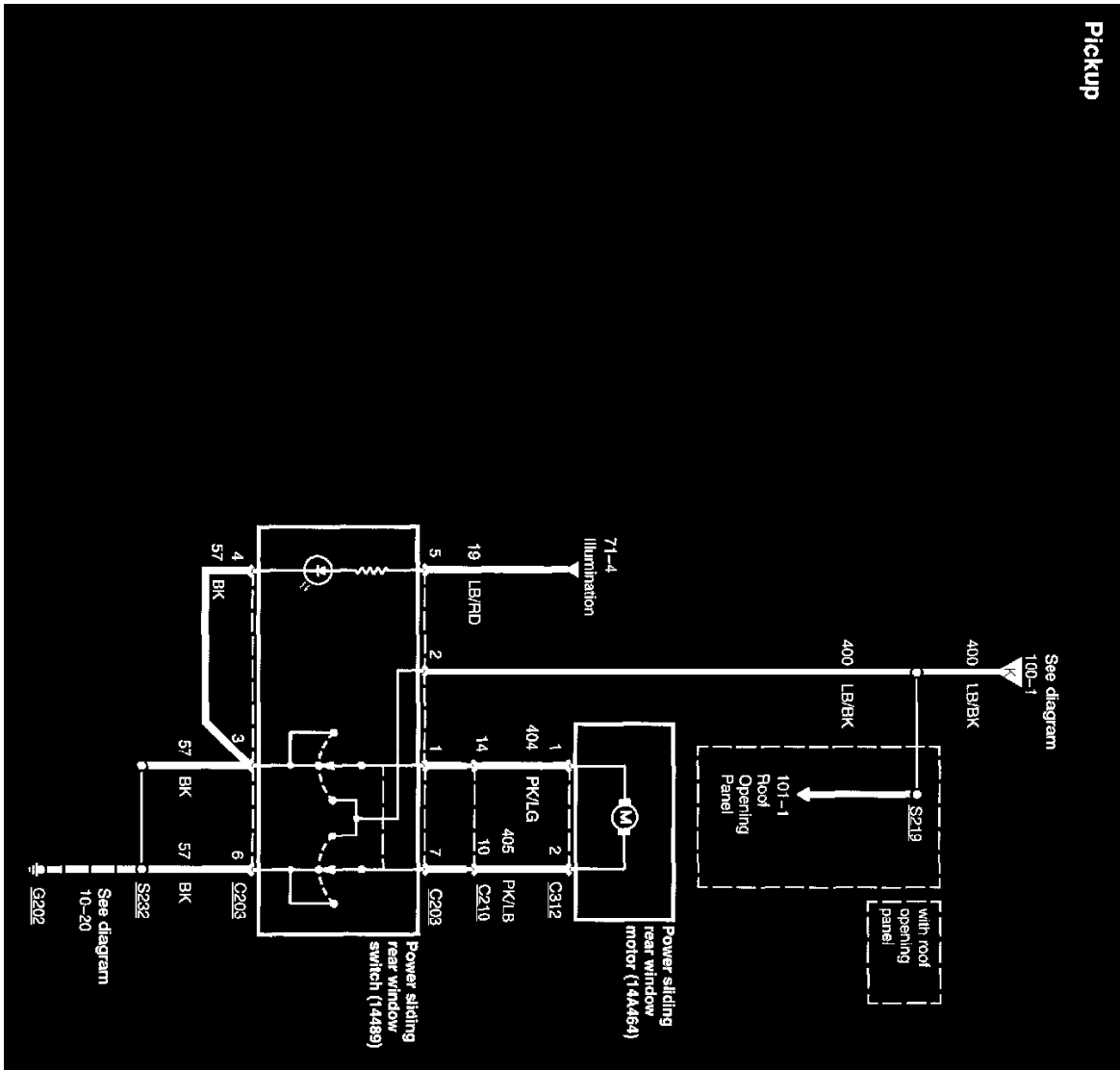
Excursion, Pickup with crew cab

See diagram
100-2

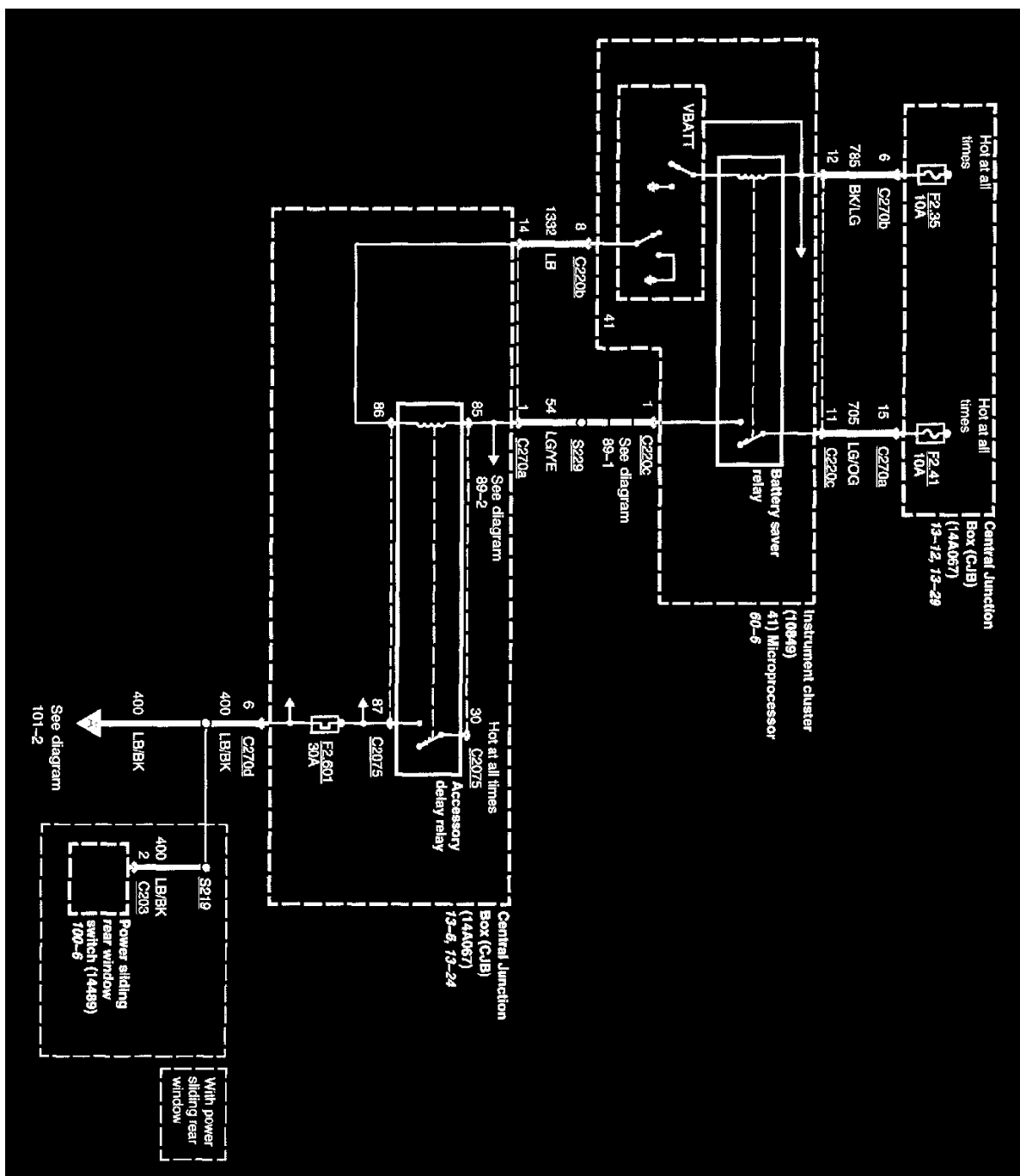




Pickup

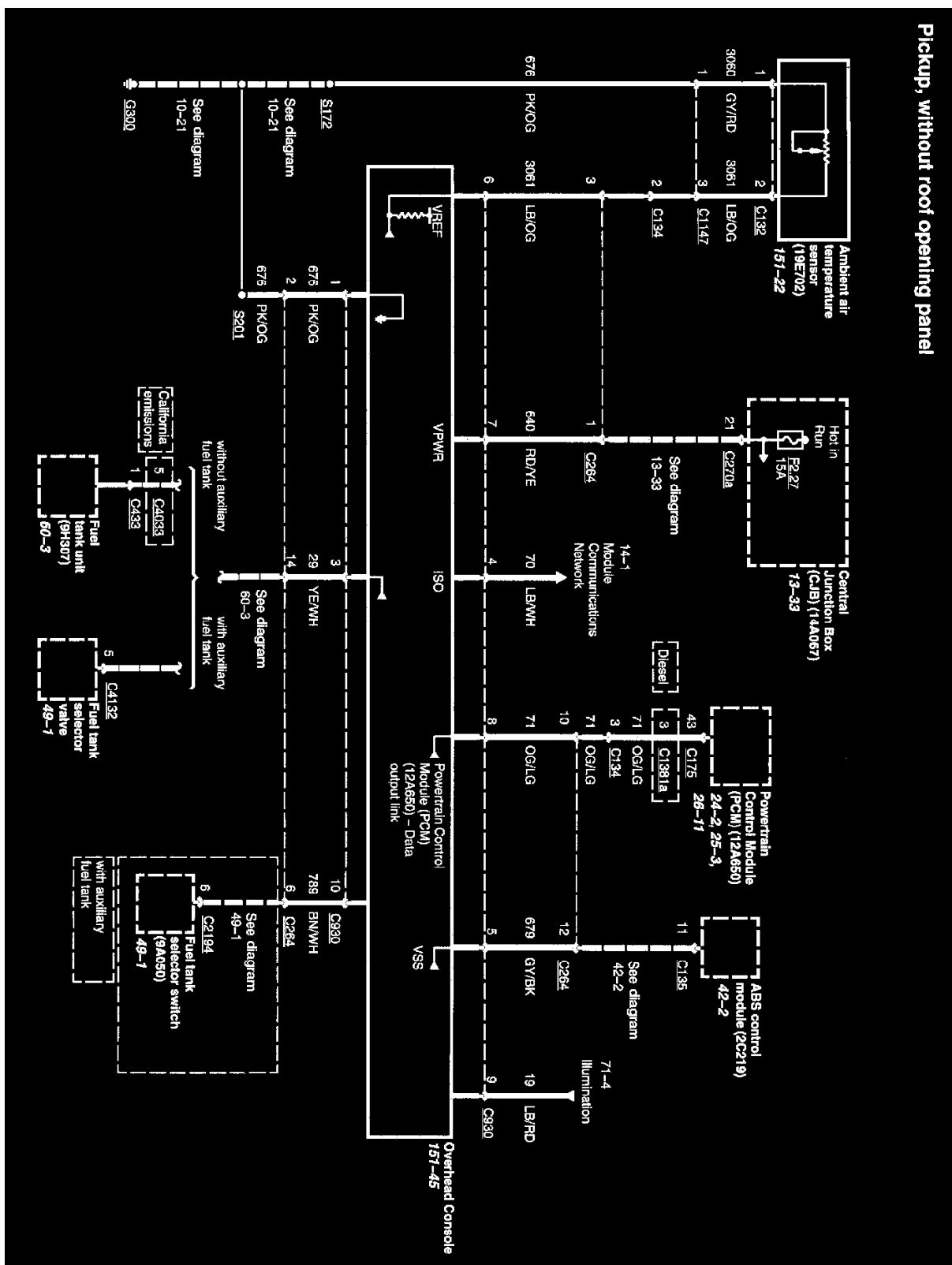


100-6





Pickup, without roof opening panel



[illegible]

102-4

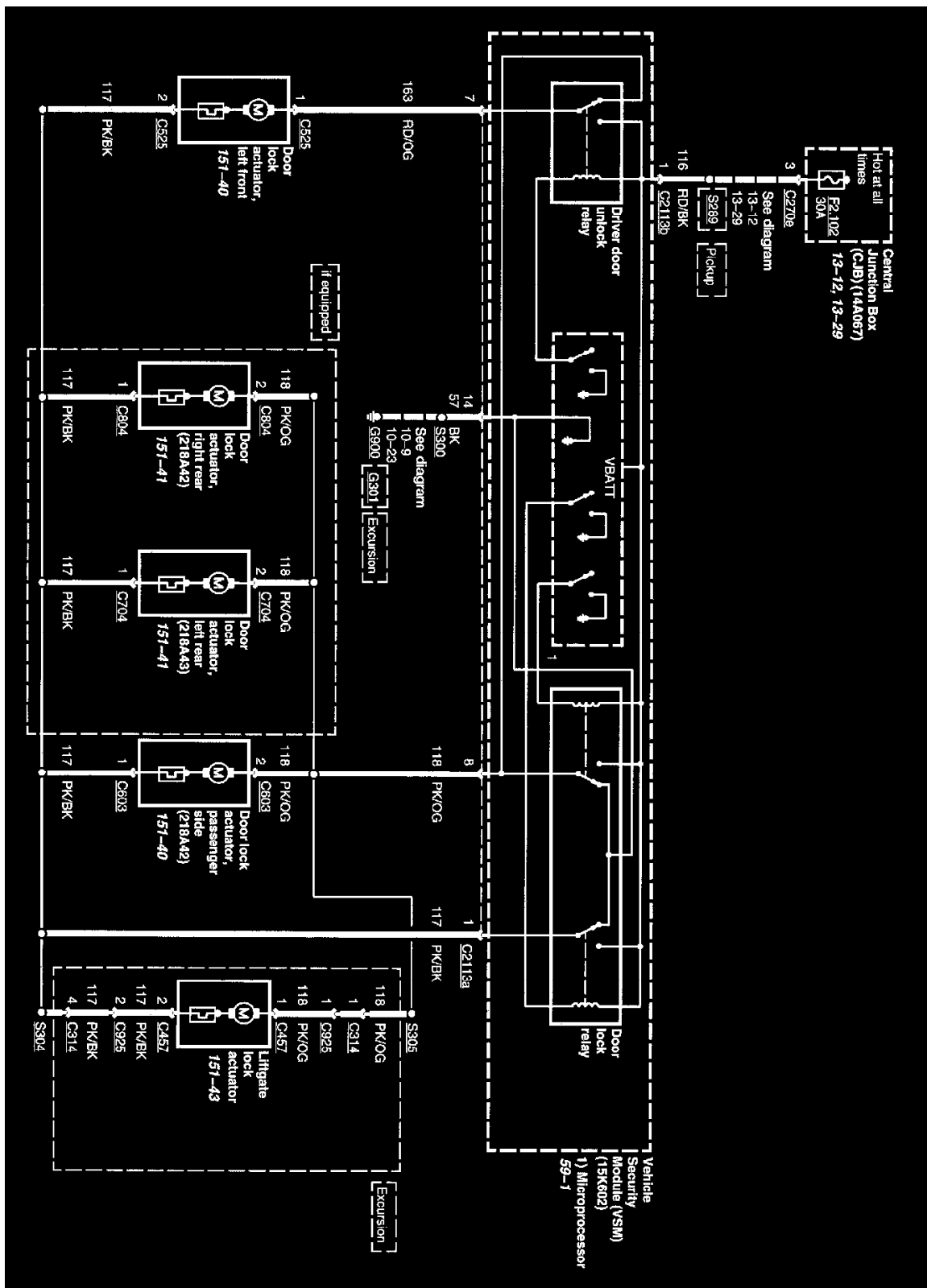


[illegible]

without remote keyless entry

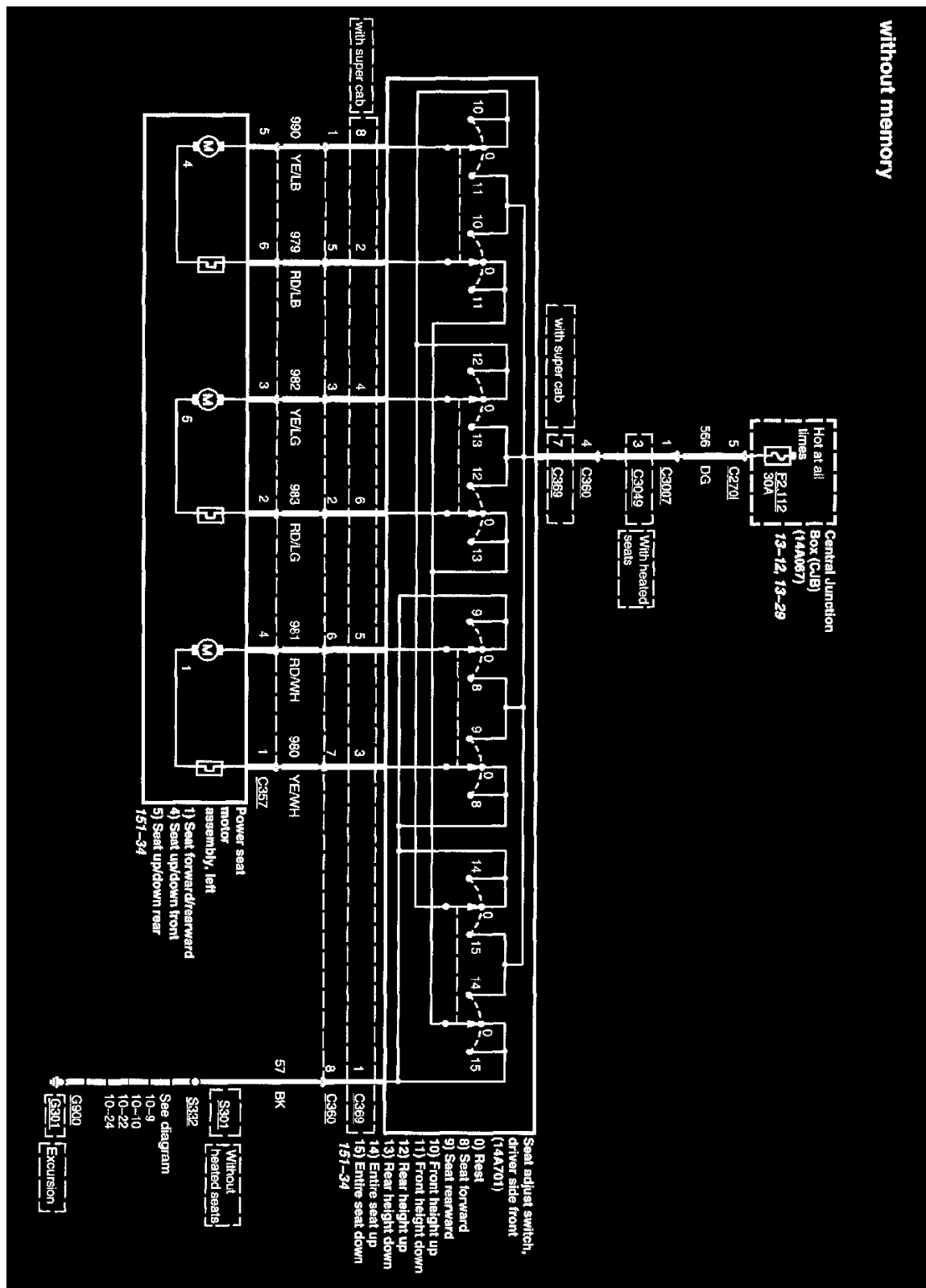
The diagram illustrates the electrical system for the door lock actuators of a 151-40 vehicle. It features a main power rail at the top, labeled 118 PK/OG, which branches into four vertical lines. Each line connects to a door lock actuator. The actuators are labeled as follows: 1. C803: Door lock actuator, passenger side (218A42) 151-40. 2. C525: Door lock actuator, left front 151-40. 3. C804: Door lock actuator, right rear (218A42) 151-41. 4. C704: Door lock actuator, left rear (218A43) 151-41. Each actuator is represented by a motor symbol (M) in series with a switch symbol (S). The wiring for each actuator is as follows: - C803: Line 1 (118 PK/OG) to terminal 2 of the actuator; Line 2 (118 PK/OG) to terminal 1 of the actuator. - C525: Line 1 (118 PK/OG) to terminal 1 of the actuator; Line 2 (118 PK/OG) to terminal 2 of the actuator. - C804: Line 1 (118 PK/OG) to terminal 2 of the actuator; Line 2 (118 PK/OG) to terminal 1 of the actuator. - C704: Line 1 (118 PK/OG) to terminal 2 of the actuator; Line 2 (118 PK/OG) to terminal 1 of the actuator. A dashed box labeled 'Pickup with crew cab' encloses the actuators C804 and C704. The bottom of the diagram shows a return rail labeled 117 PK/BK, which is connected to the bottom terminal of each actuator. The diagram is labeled 'See diagram 110-2' at the top and bottom.







without memory



Hot at all times
Central Junction Box (CJB) (14A067)
13-5, 13-23
E2L14
S0A

4 C270L
51 BKWH
4 C340
2 C330

Terminal	Component
1	989 RD/LG
6	988 YELG
7	985 RD/LB
5	984 YELB
8	986 YE/WH
3	987 RD/WH
4	57 BK
4	C330

10 9 11 10 11 12 13 12 13 9 8 9 8 14 15 14 15

1 6 7 5 8 3 4

4 C3015

Power seat motor assembly, right
1) Seat forward/rearward
4) Seat up/down
5) Seat up/

With heated seats
Without heated seats

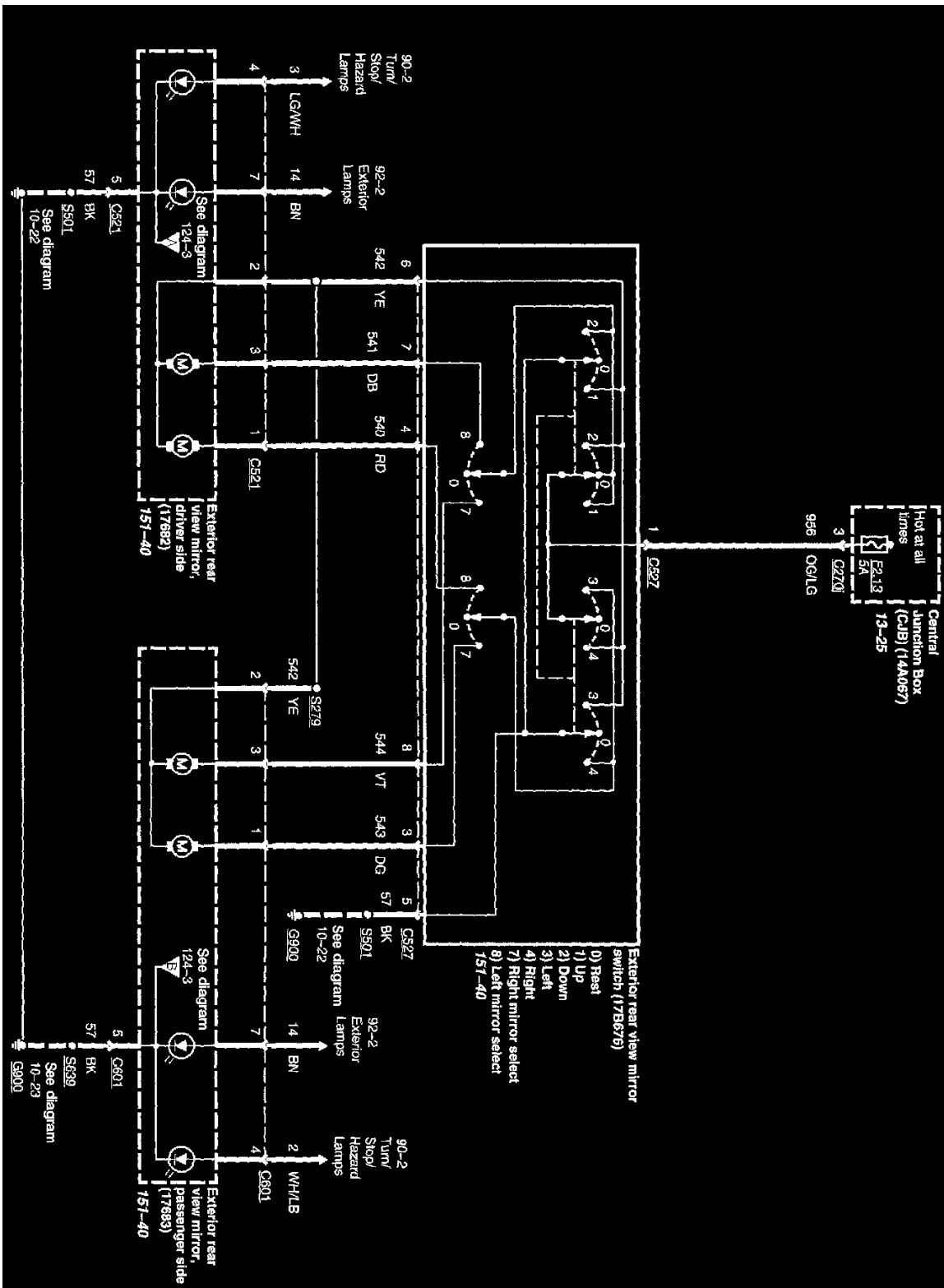
57 BK
151-35

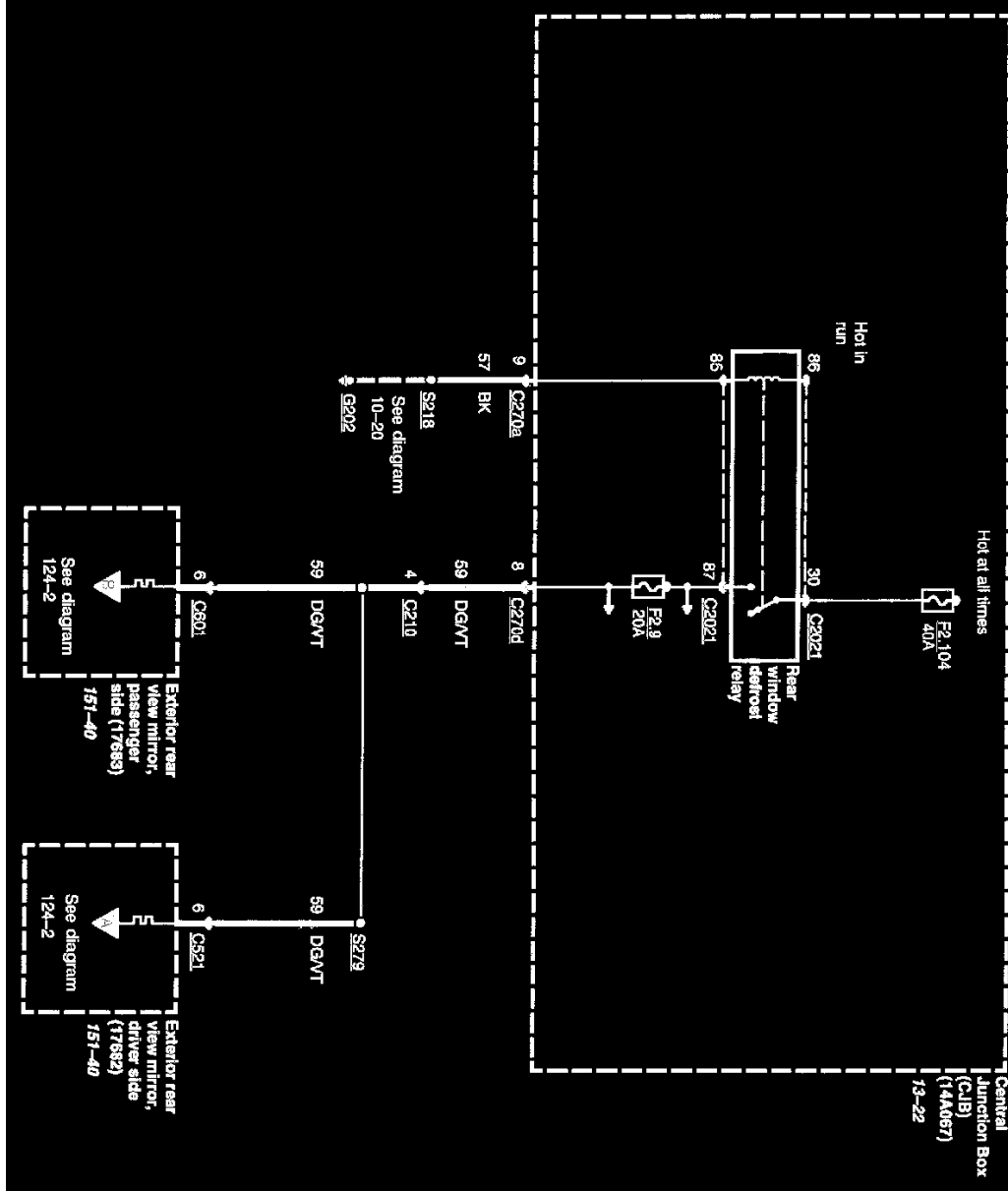
Seat adjust switch, passenger side front
0) Reel
8) Seat forward
9) Seat rearward
10) Front height up
11) Front height down
12) Rear height up
13) Rear height down
14) Entire seat up
15) Entire seat down

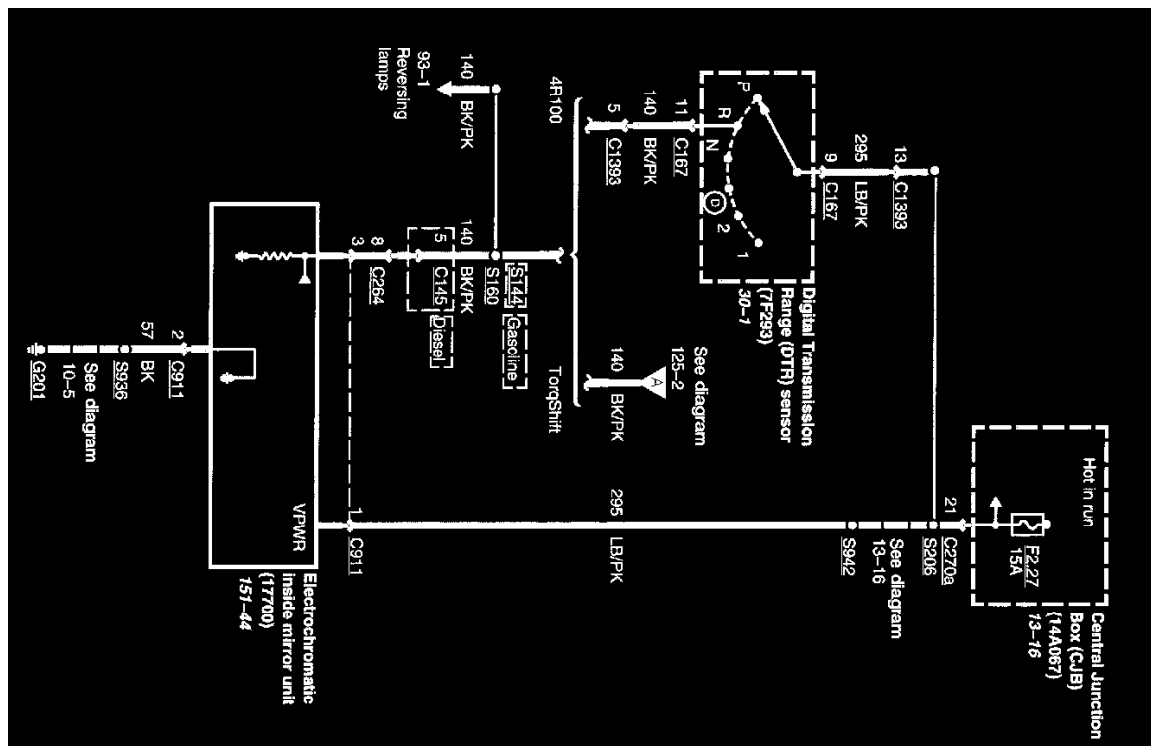






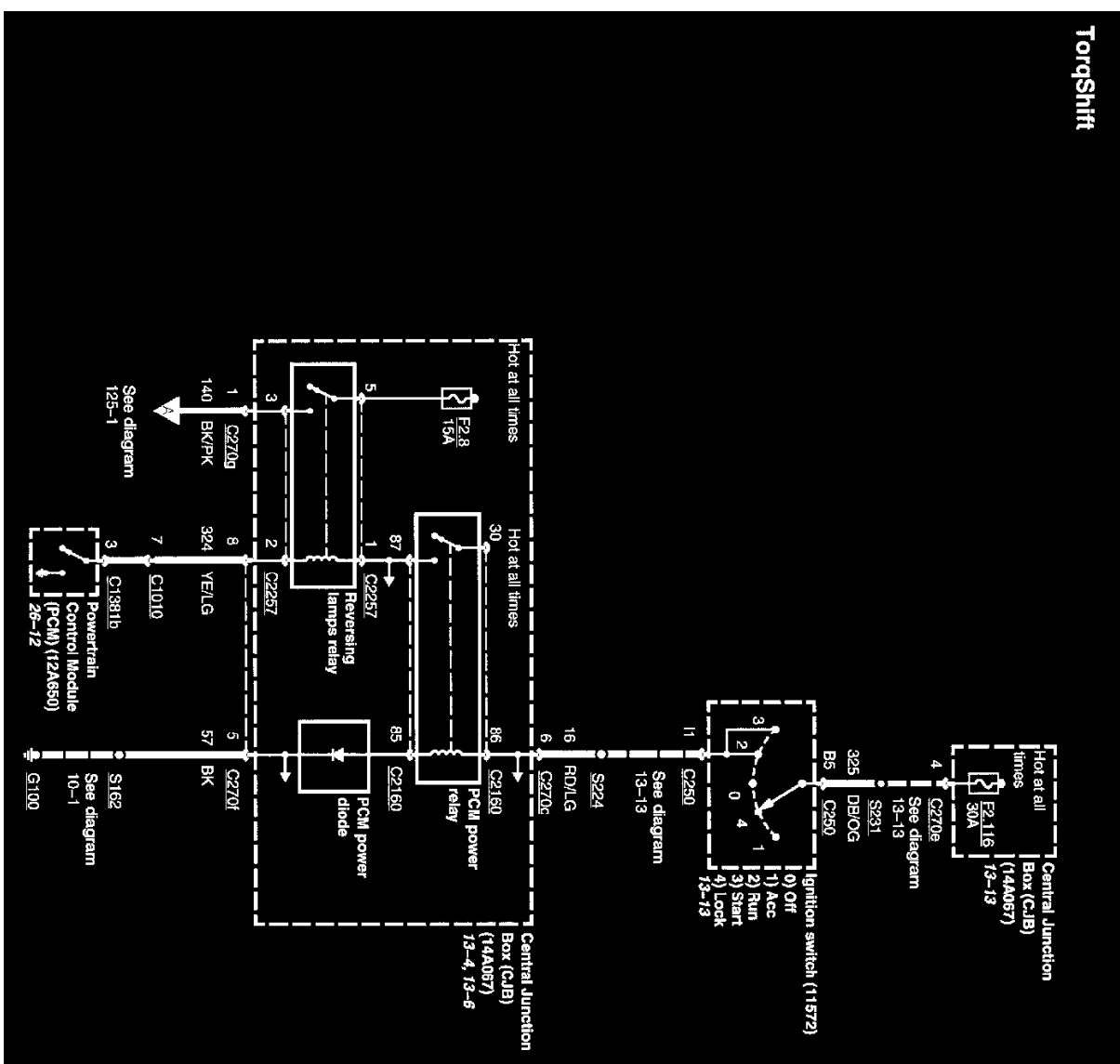






125-1

TorqShift

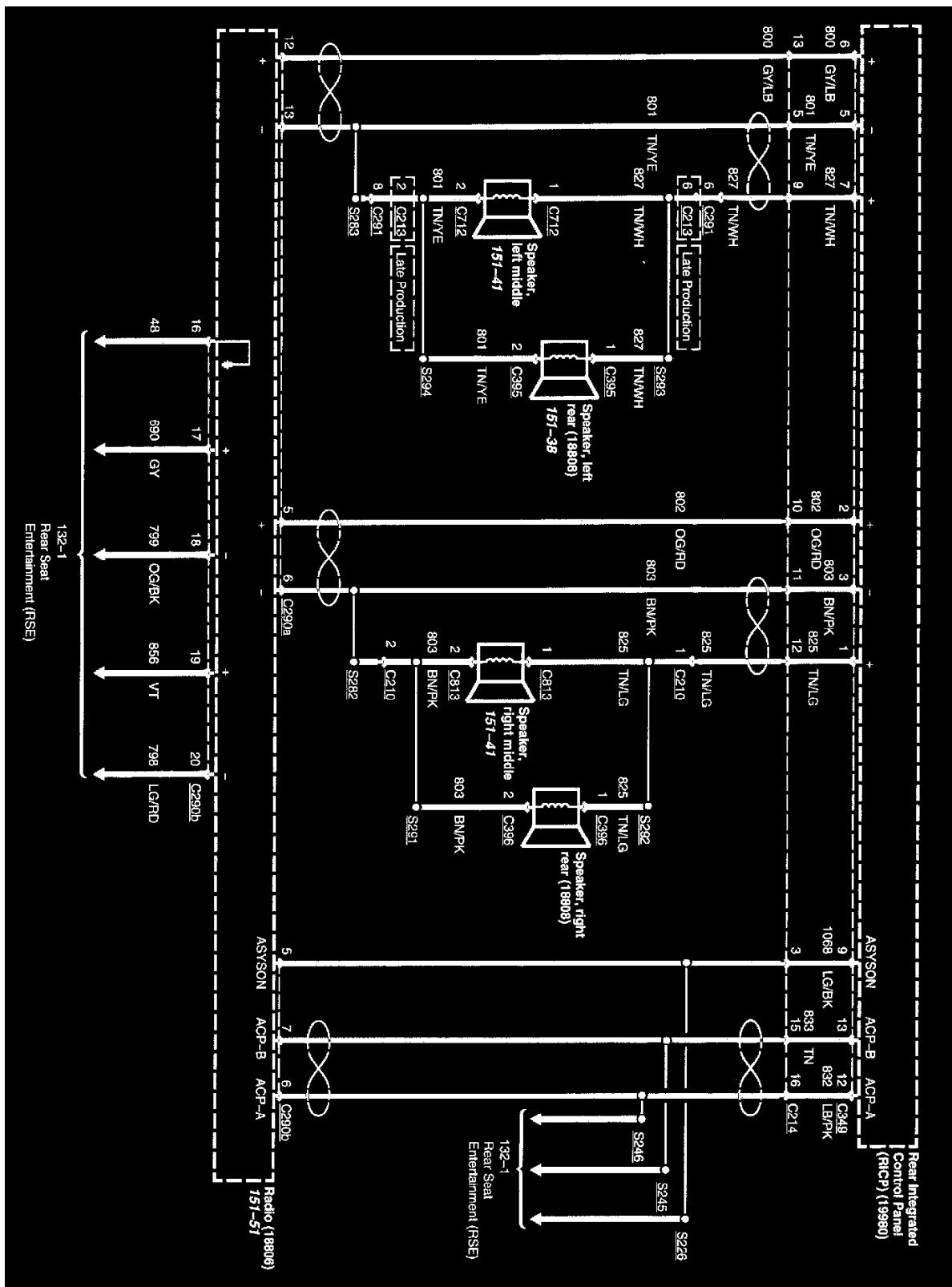


127-1

with memory







Pickup

Radio (18808)
151-57

805 WH/LG
811 DG/OG
804 LB/MH
801 TV/YE
800 GY/LB
803 BN/PK
802 OG/RD

8 7 6 5
C210
C213
C213
C213
C291
C210

15 14 13 12 6
C812
C823
C828
C829
C830
C831
C832
C833
C834
C835
C836
C837
C838
C839
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C984
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C987
C988
C989
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C996
C997
C998
C999
C1000

Speaker, front (18809)
151-40

Speaker, left front (18809)
151-40

Speaker, left rear (18809)
151-38

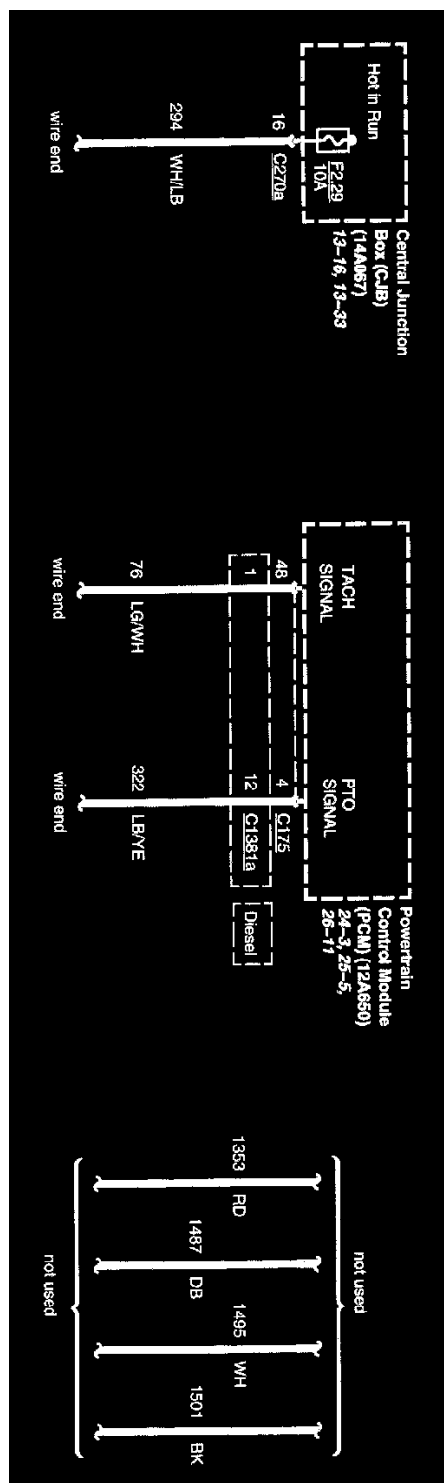
Speaker, right rear (18809)

with crew cab
with super cab

Central Junction Box (CJB)
(14A067)
13-33



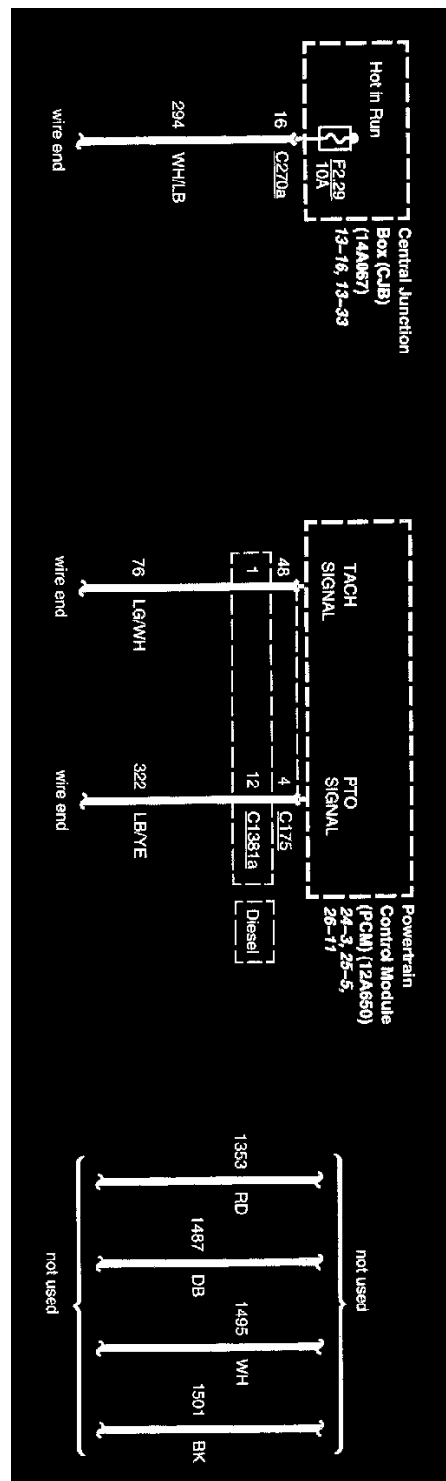




140-1

Customer Accessible Circuits

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



140-1

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

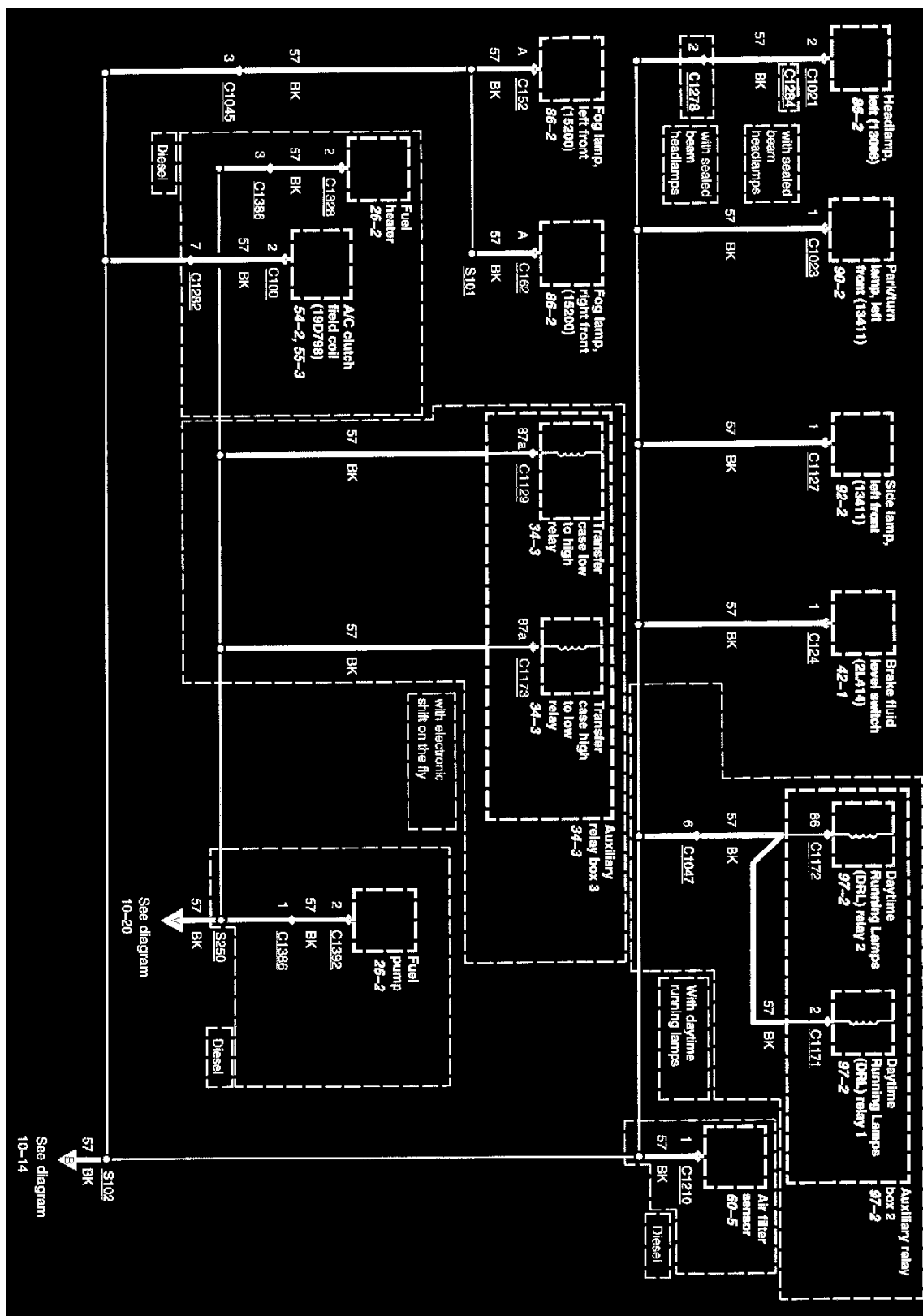
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

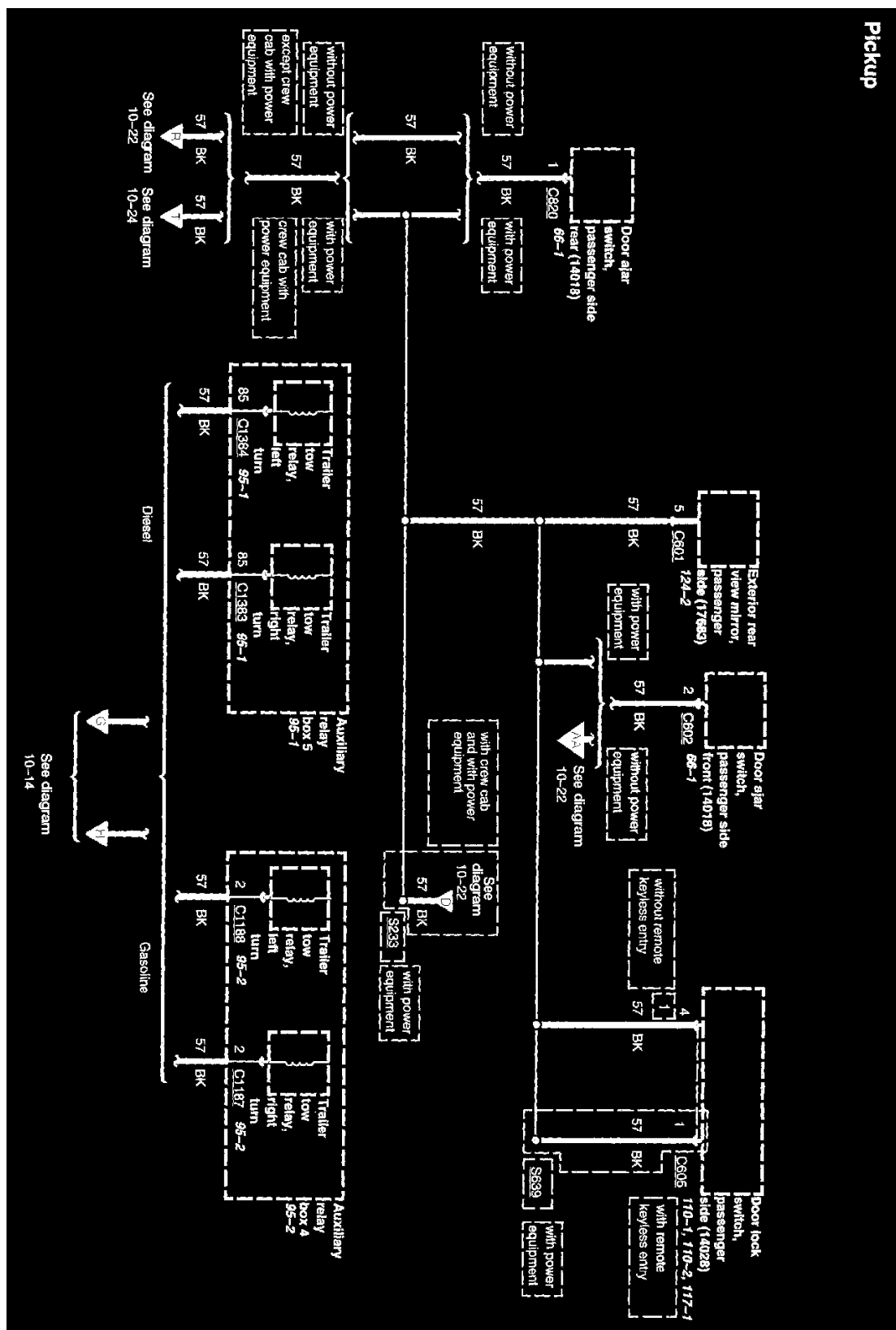
G100

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

10-14

Pickup





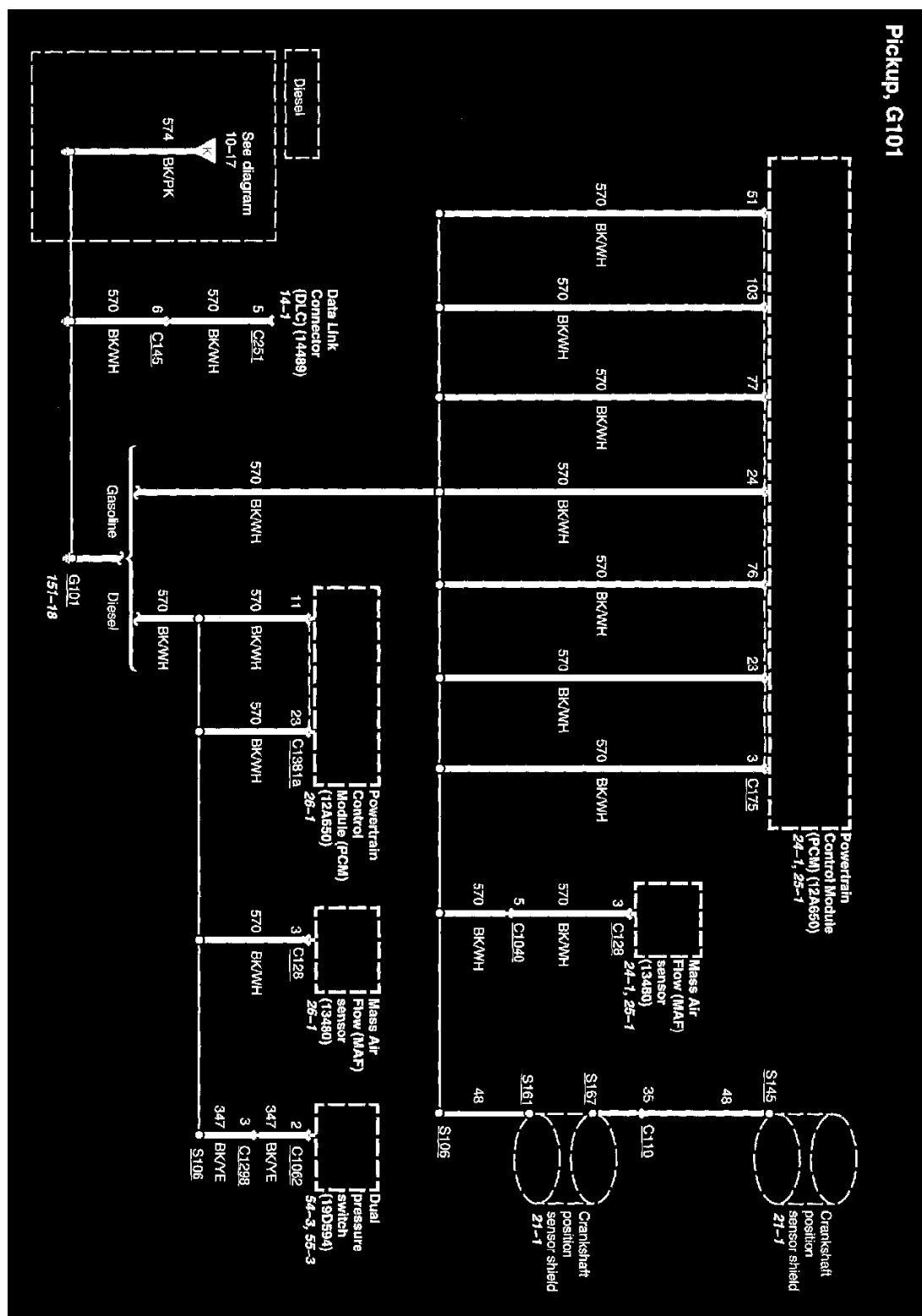
10-23

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

G101

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



10-16

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

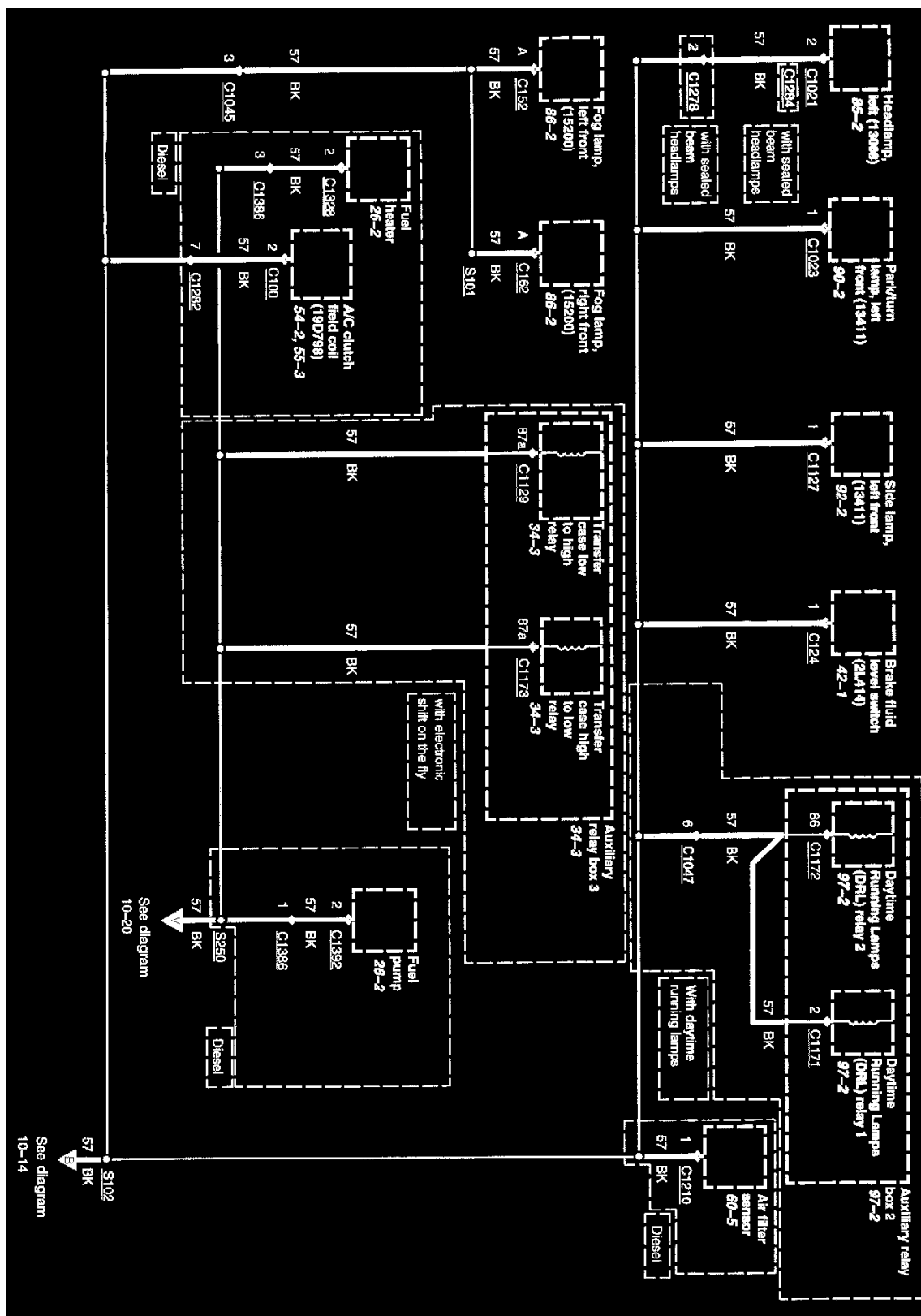
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

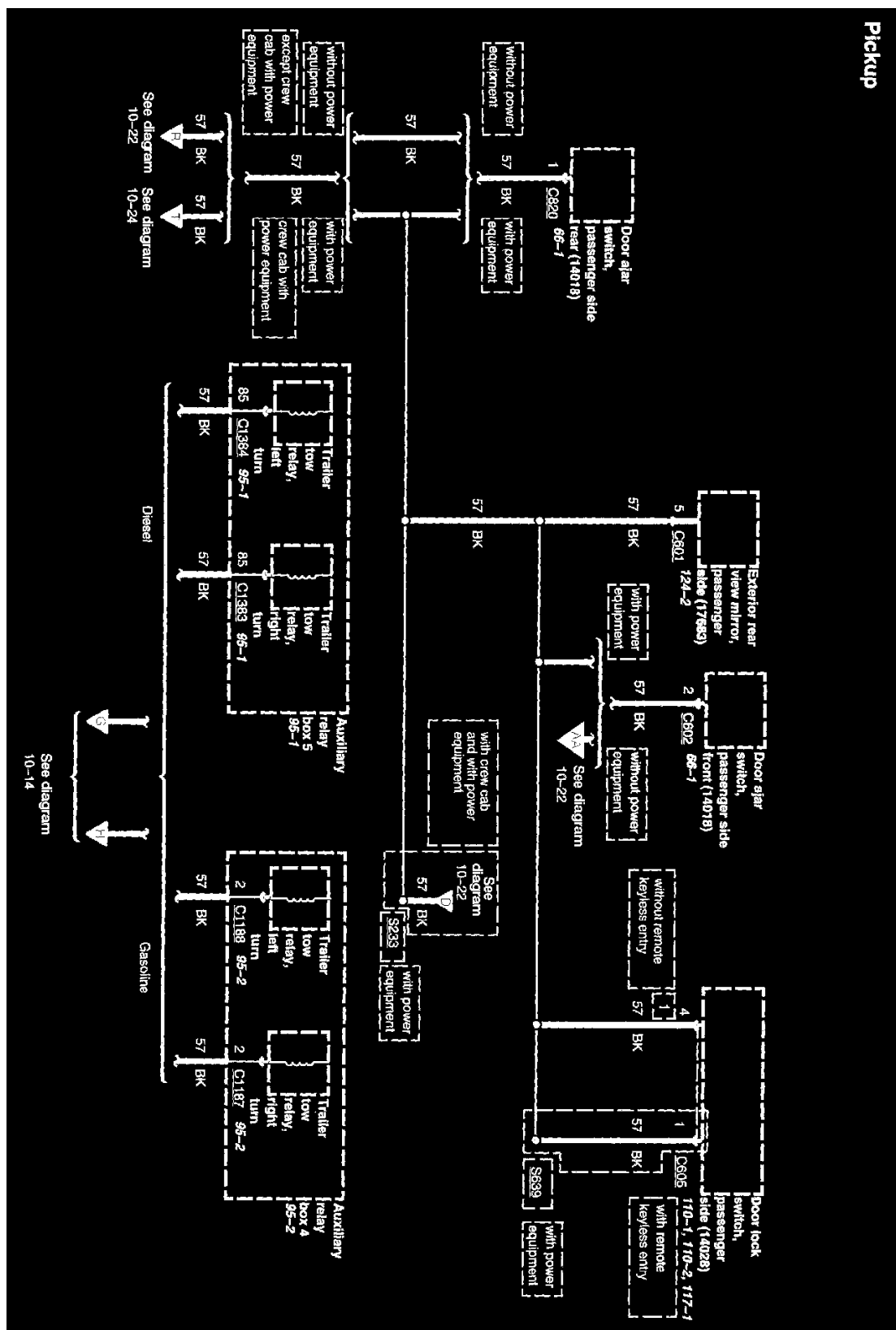
G102

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

[illegible]

Pickup





10-23

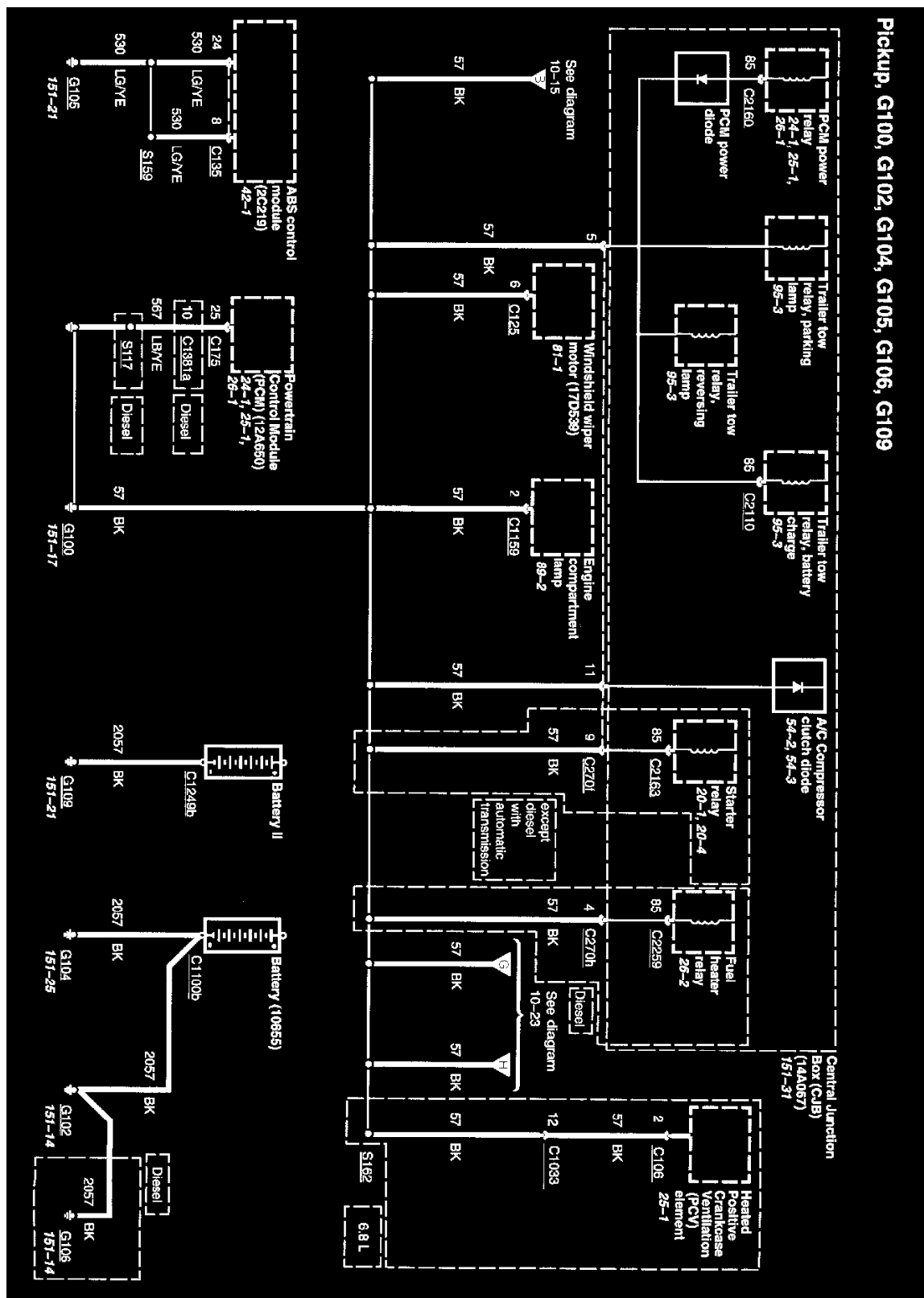
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

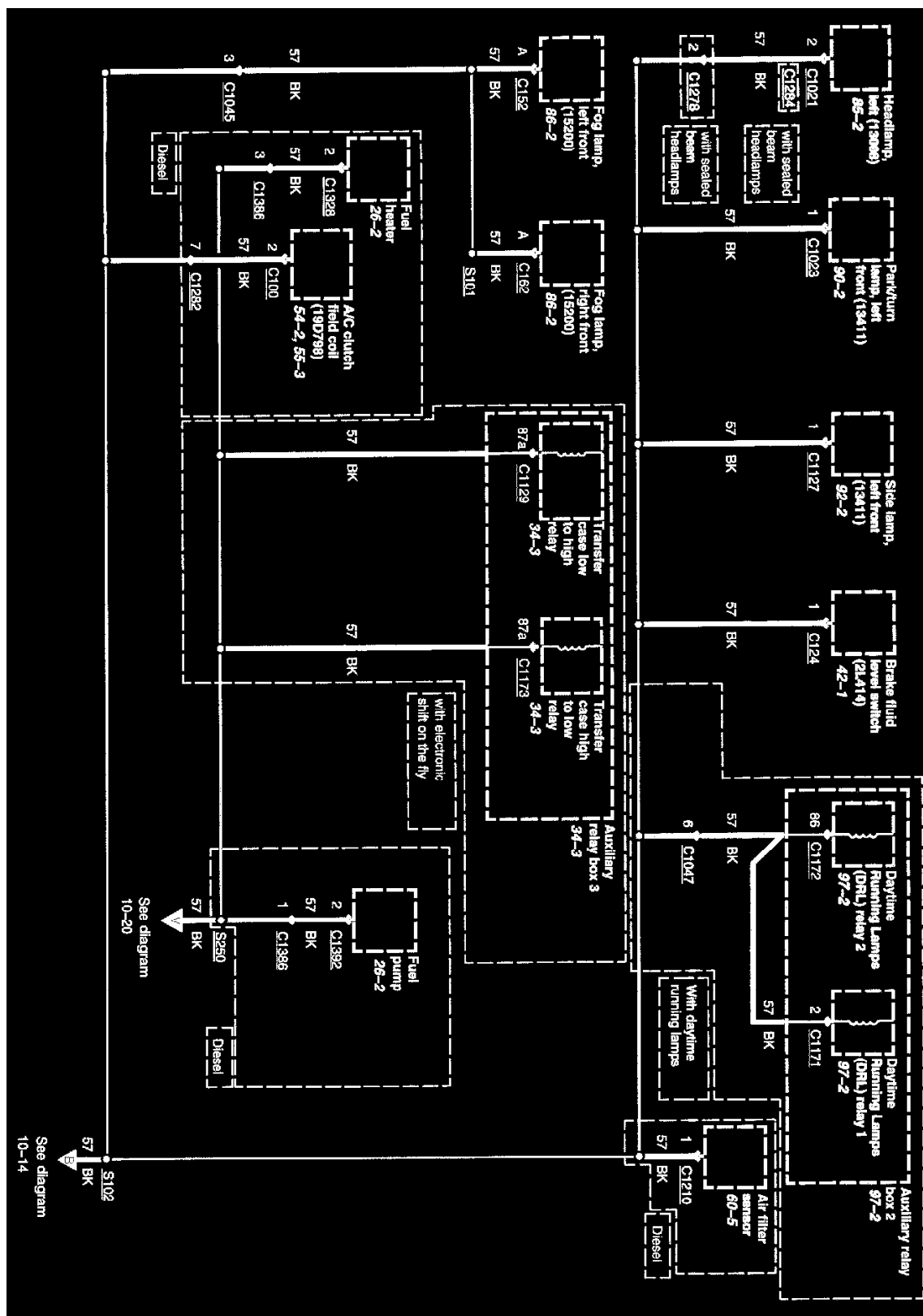
G104

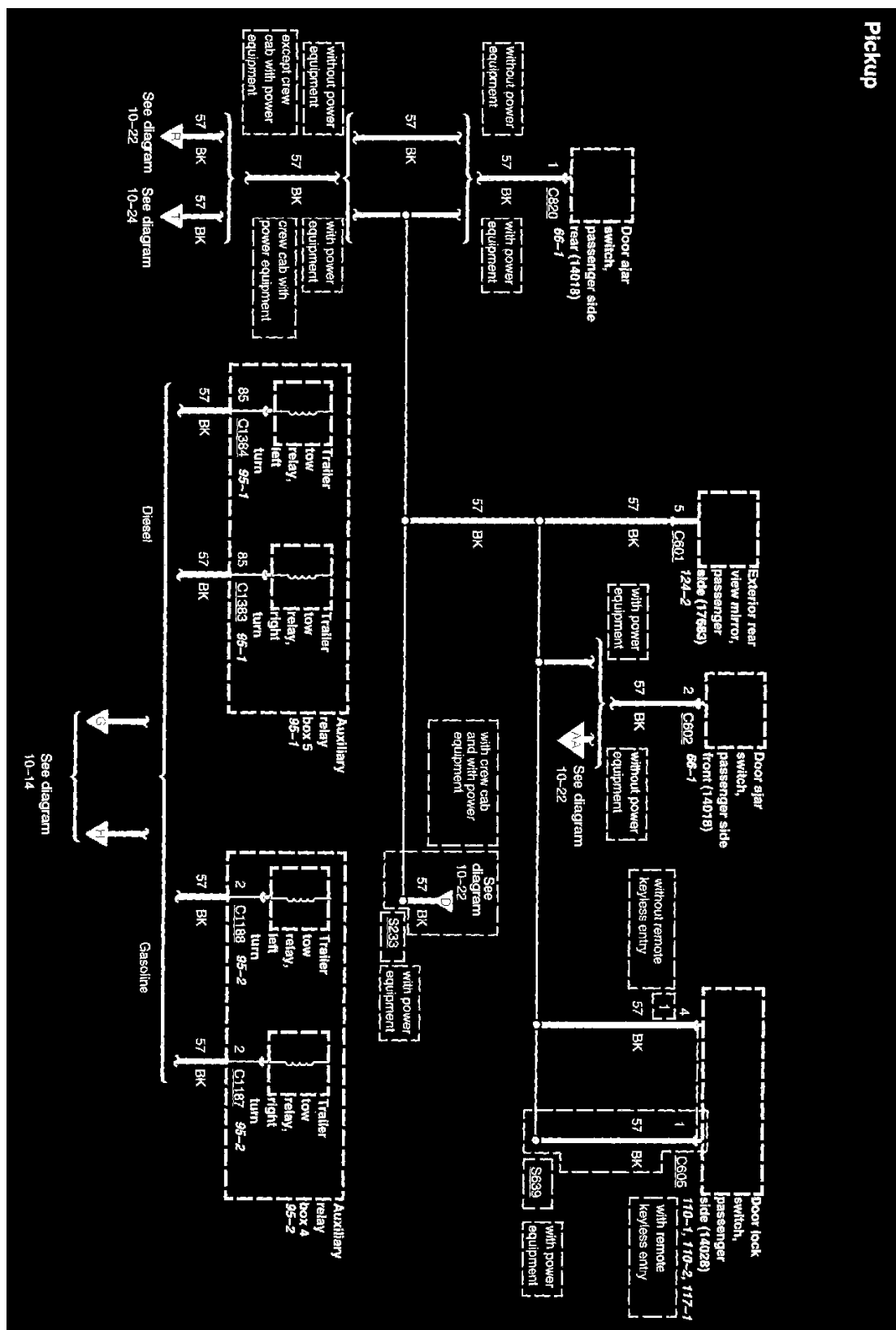
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup, G100, G102, G104, G105, G106, G109



Pickup





10-23

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

G105

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

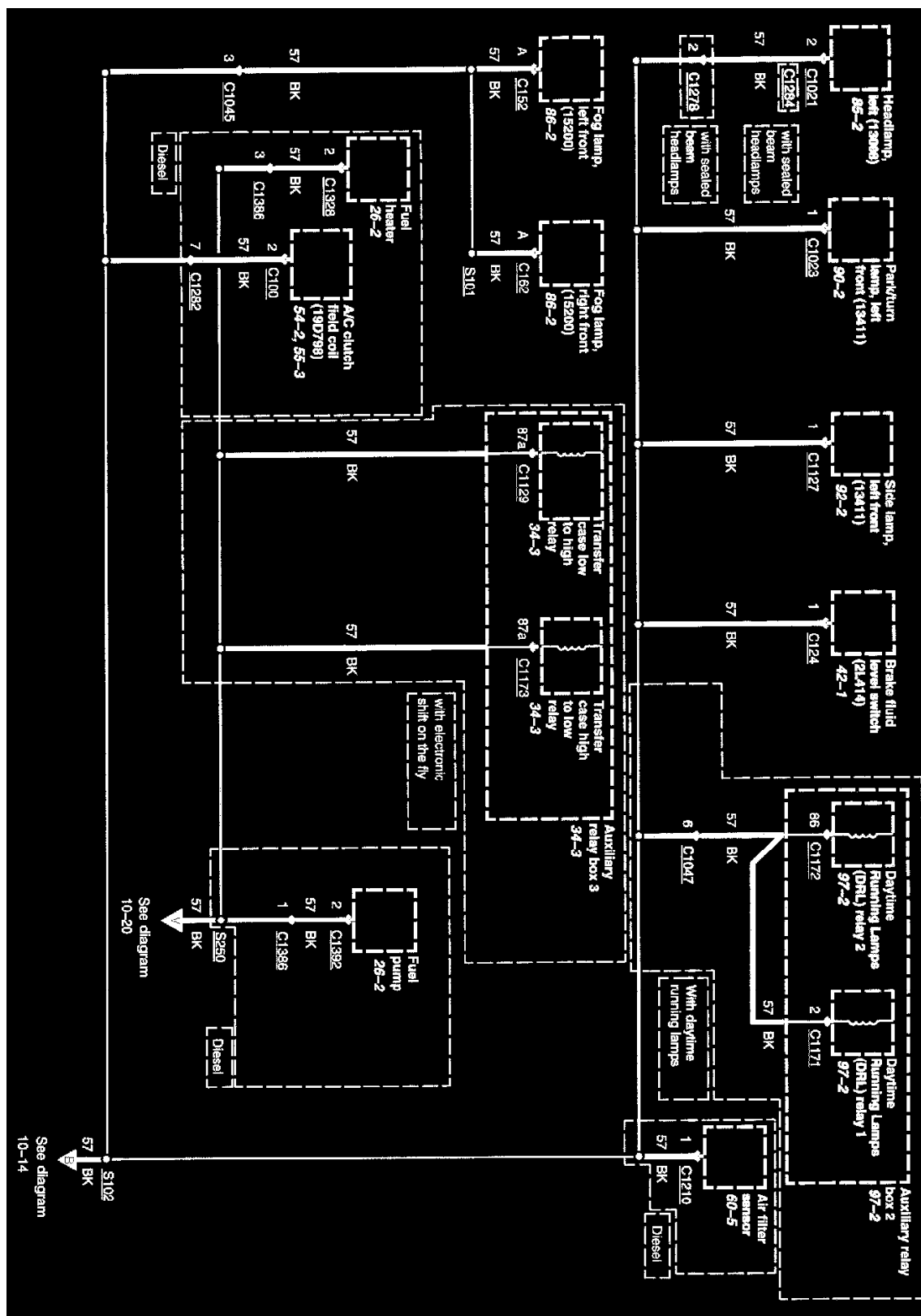
Pickup, G100, G102, G104, G105, G106, G109

The diagram illustrates the electrical system for a pickup truck, showing connections for various components and modules. The components are organized into boxes, and the wiring is shown as lines connecting these boxes to a central junction point.

Components and Connections:

- PCM power:** Relay (24-1, 25-1, 26-1) connected to C2160. PCM power diode connected to 86.
- Trailer low:** Relay, parking lamp (95-3) connected to 57 BK. Trailer low relay, reversing lamp (95-3) connected to 86. Trailer low relay, battery change (95-3) connected to C2110.
- Windshield wiper:** motor (170538) connected to 57 BK. C125 connected to 6.
- Engine compartment:** lamp (88-2) connected to 57 BK. C1159 connected to 2.
- A/C Compressor:** clutch diode (54-2, 54-3) connected to 86.
- Starter:** relay (20-1, 20-4) connected to 86. C2163 connected to 85.
- Fuel:** heater relay (26-2) connected to 86. C2259 connected to 85.
- Central Junction Box (CJB) (14A067):** 151-37.
- Heated Positive Ventilation (PCV) element:** 25-1 connected to C106. C106 connected to 2. 57 BK connected to 12. C1033 connected to 12.
- ABS control module (2C219):** 42-1 connected to 8. C135 connected to 24. 530 LG/YE connected to 530. G105 connected to 151-21.
- Powertrain Control Module (PCM) (12A650):** 24-1, 25-1, 26-1 connected to 25. C1175 connected to 25. C1381a connected to 10. 567 LB/YE connected to 567. S117 connected to Diesel. 57 BK connected to 57. G100 connected to 151-17.
- Battery II:** C1249b connected to 2057 BK. G109 connected to 151-21.
- Battery (10855):** C1100b connected to 2057 BK. G104 connected to 151-25.
- Diesel:** 2057 BK connected to G102. G102 connected to 151-14. G108 connected to 151-14.

Pickup

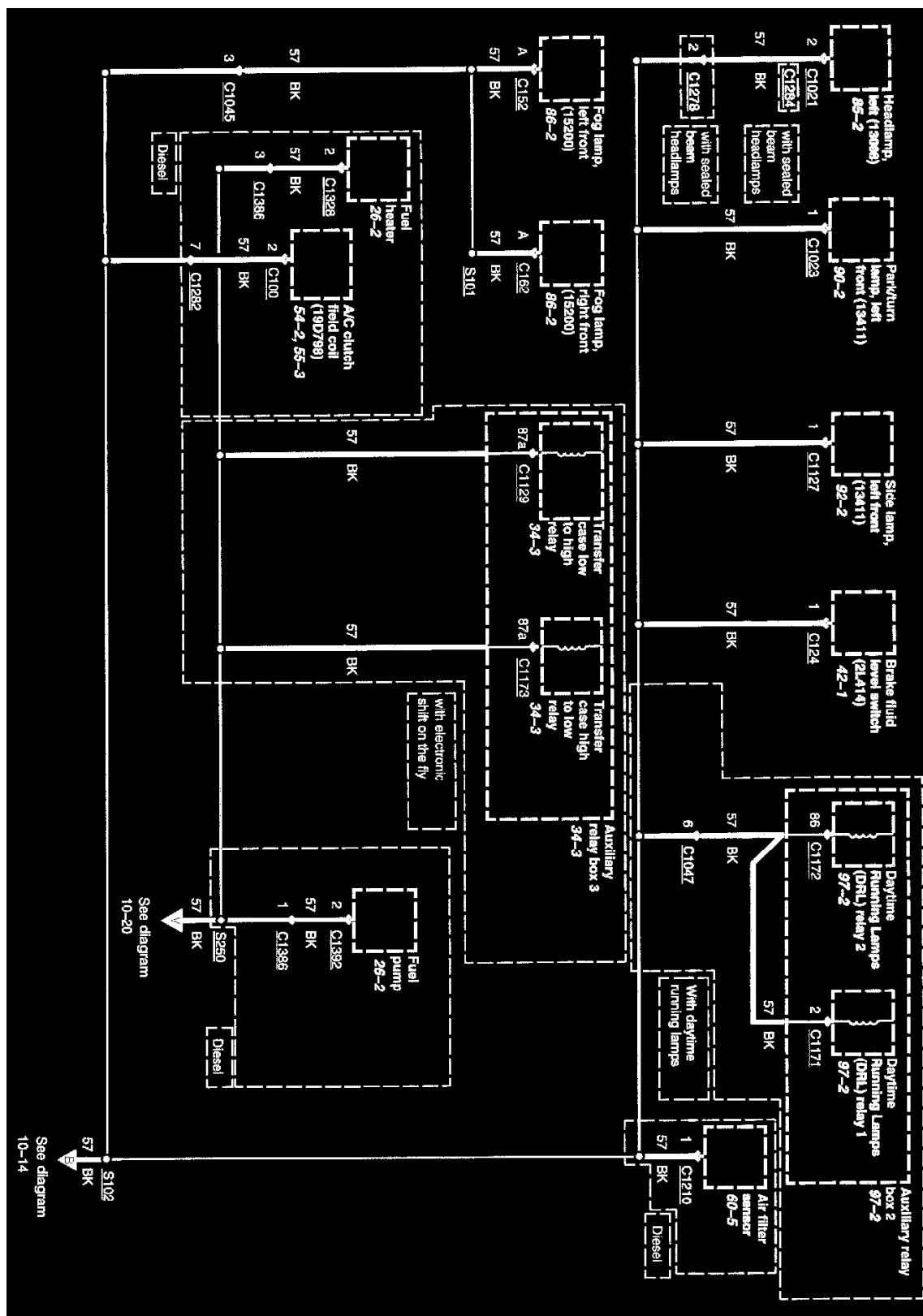




PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

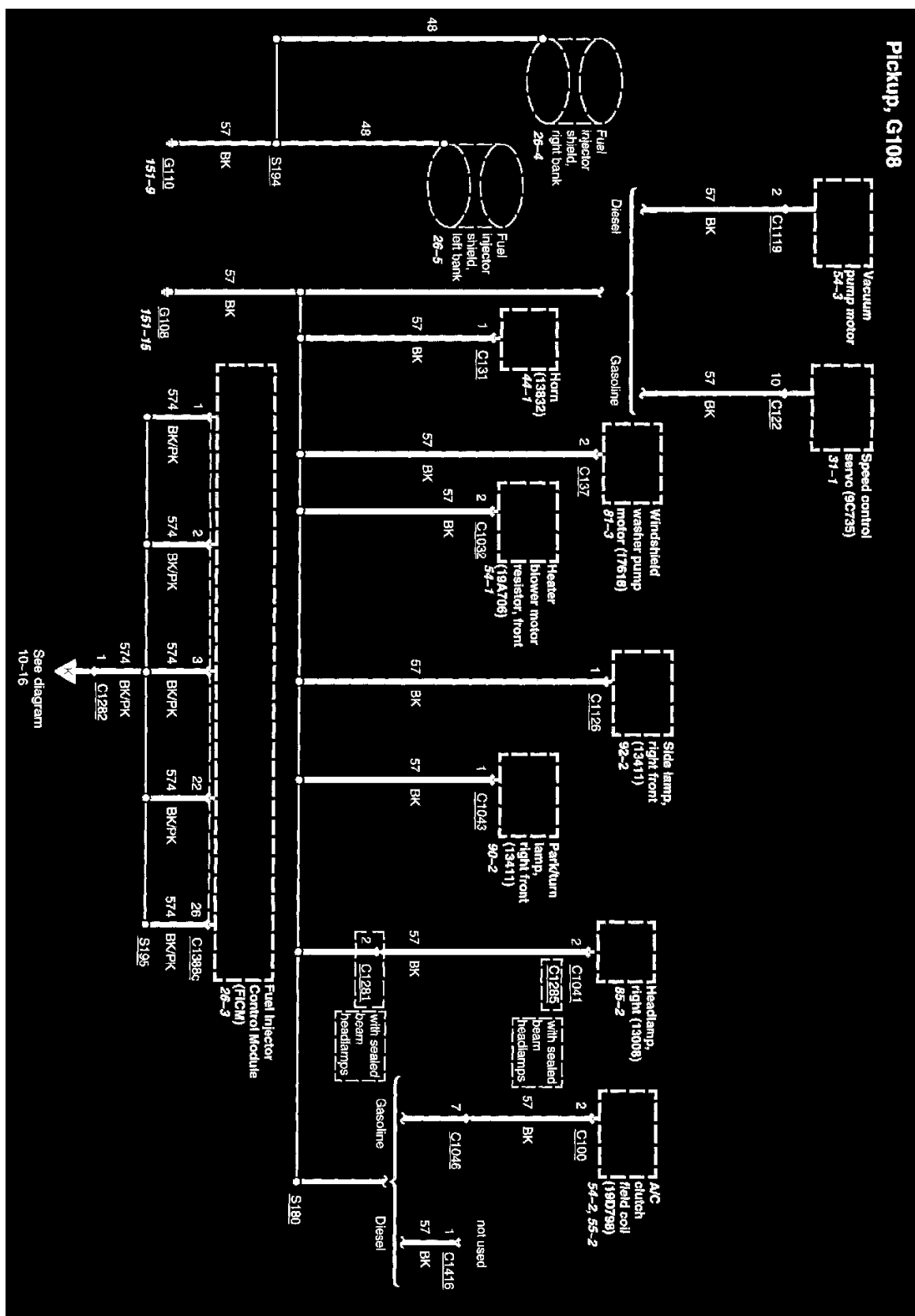
[illegible]

Pickup





PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



10-17

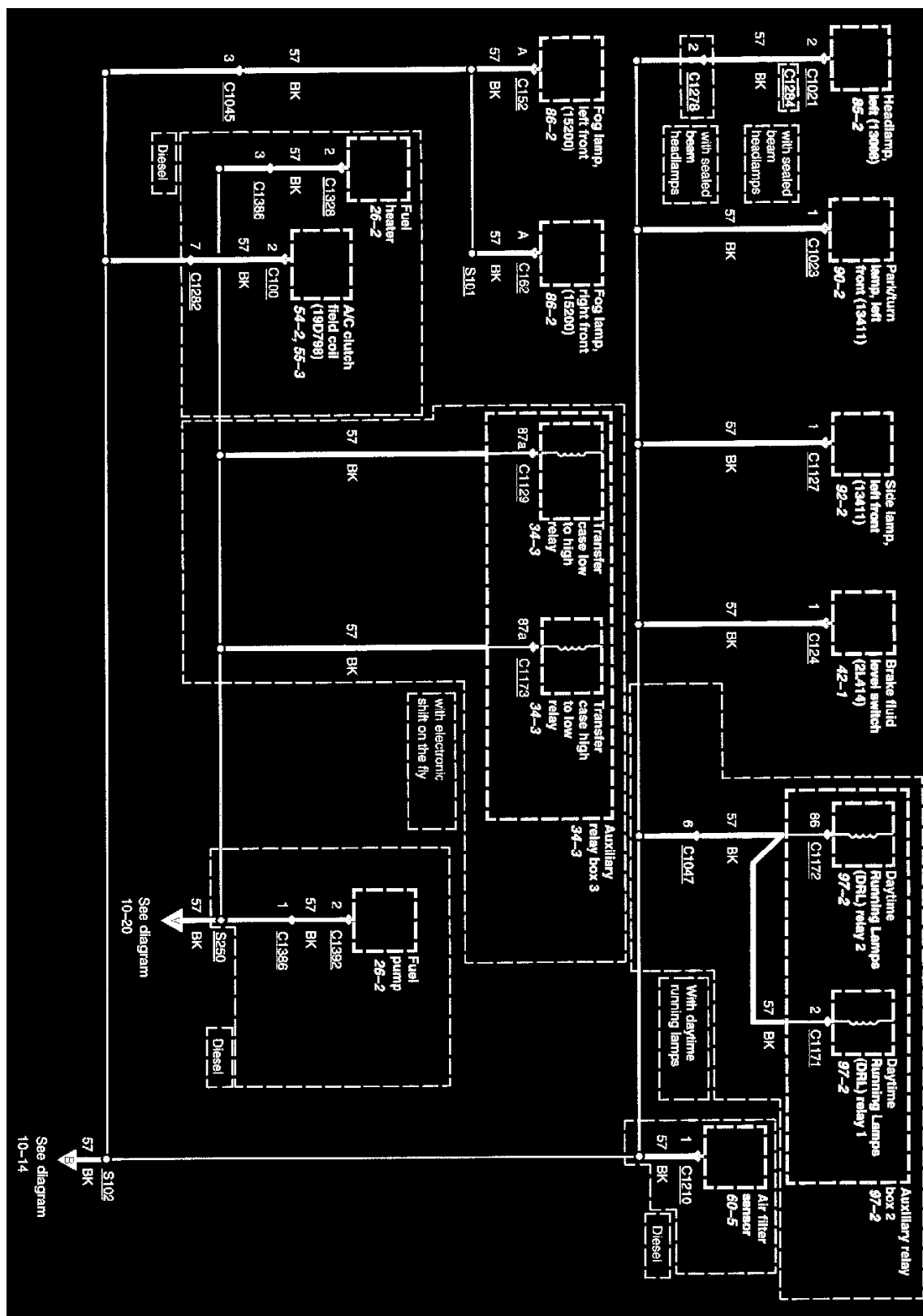
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Pickup, G100, G102, G104, G105, G106, G109



Pickup

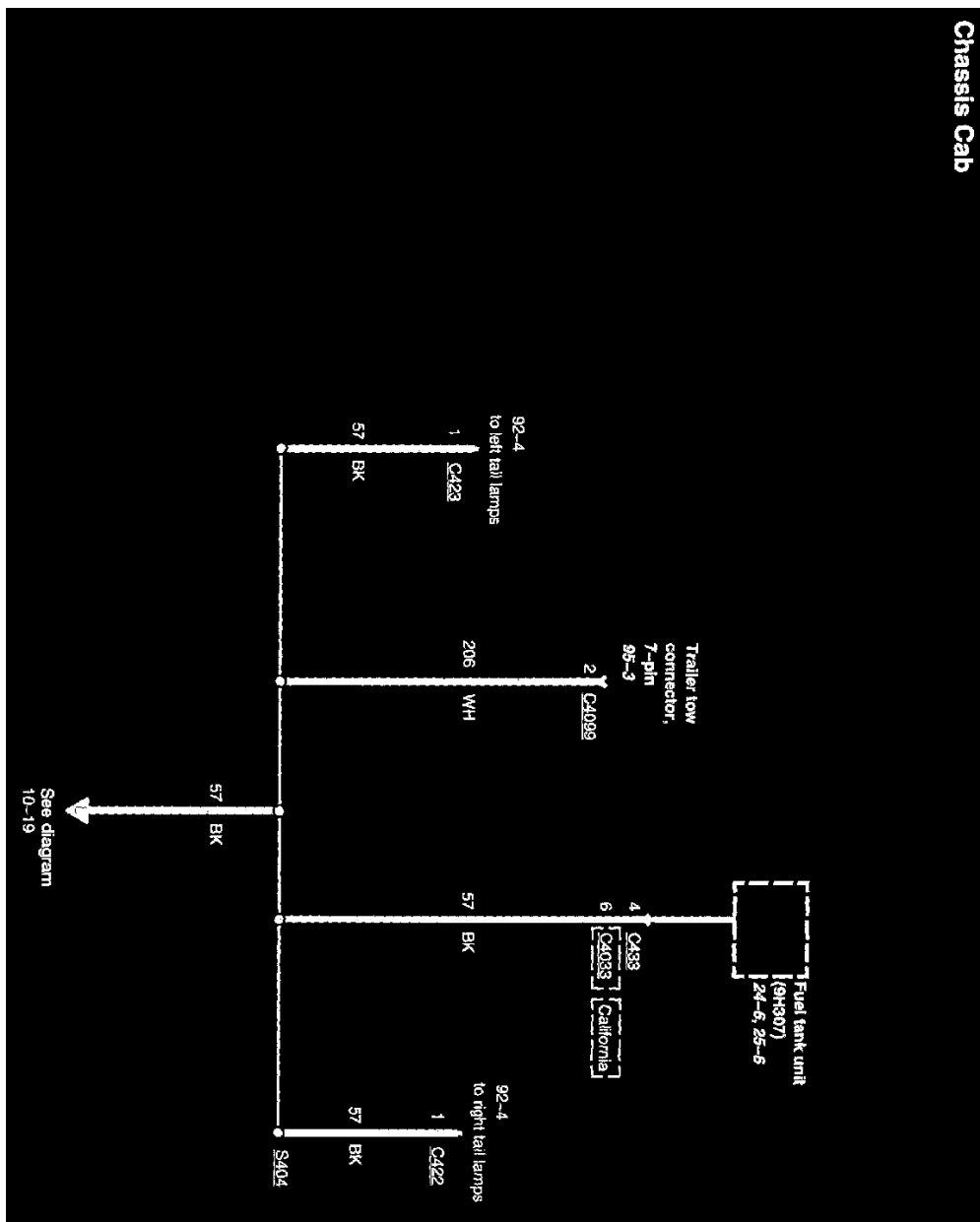




PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



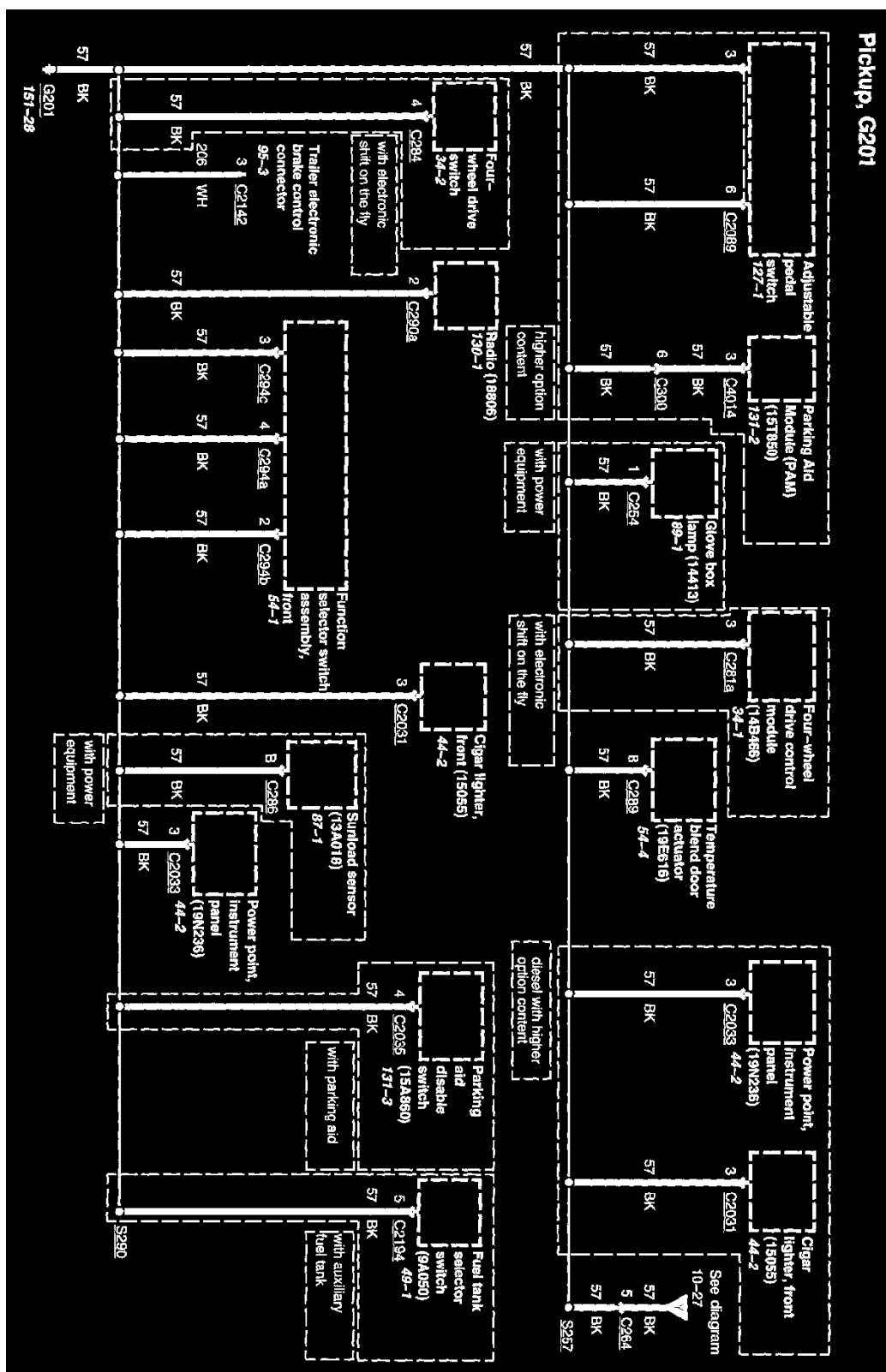
Chassis Cab

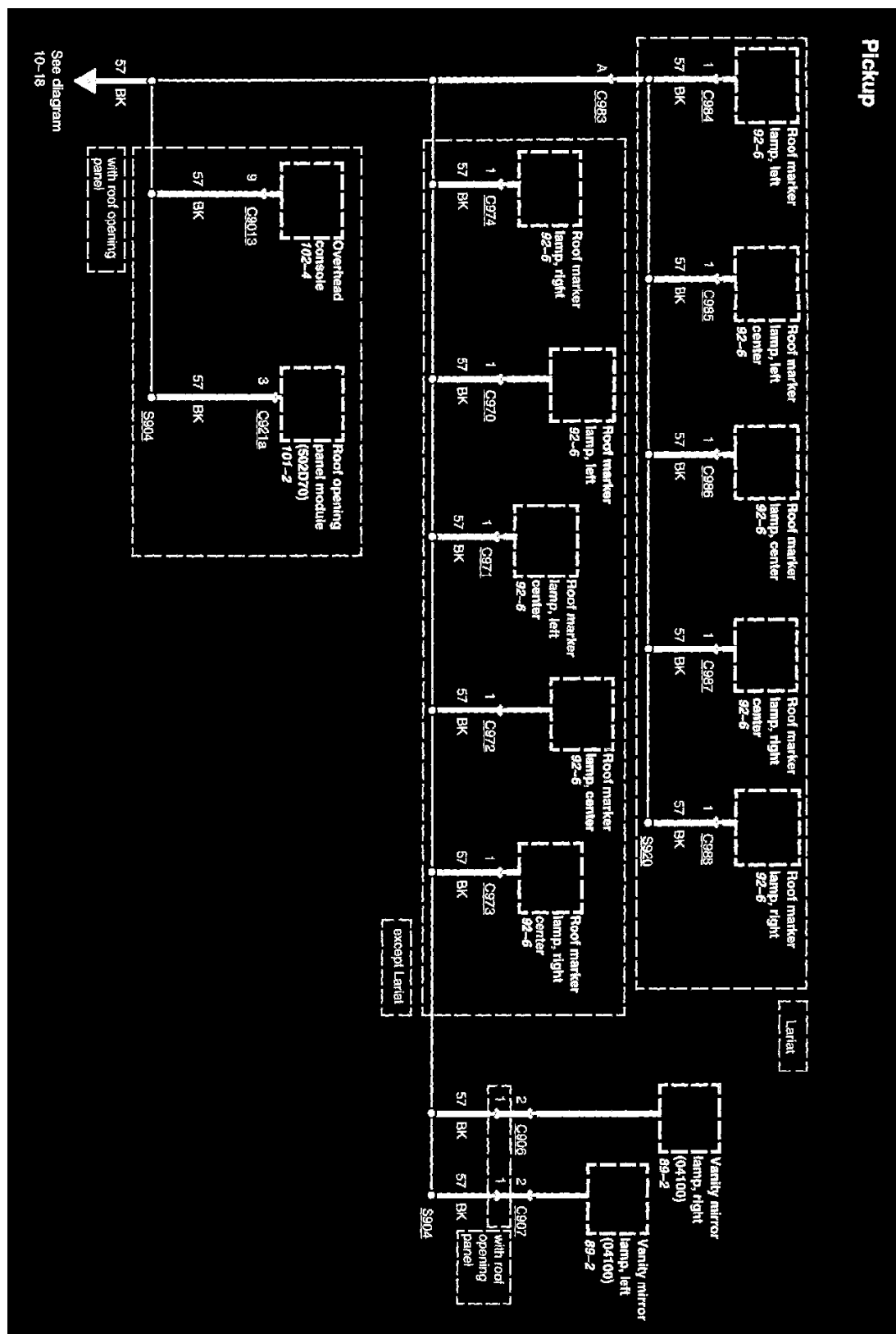


See diagram
10-19



PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





10-27

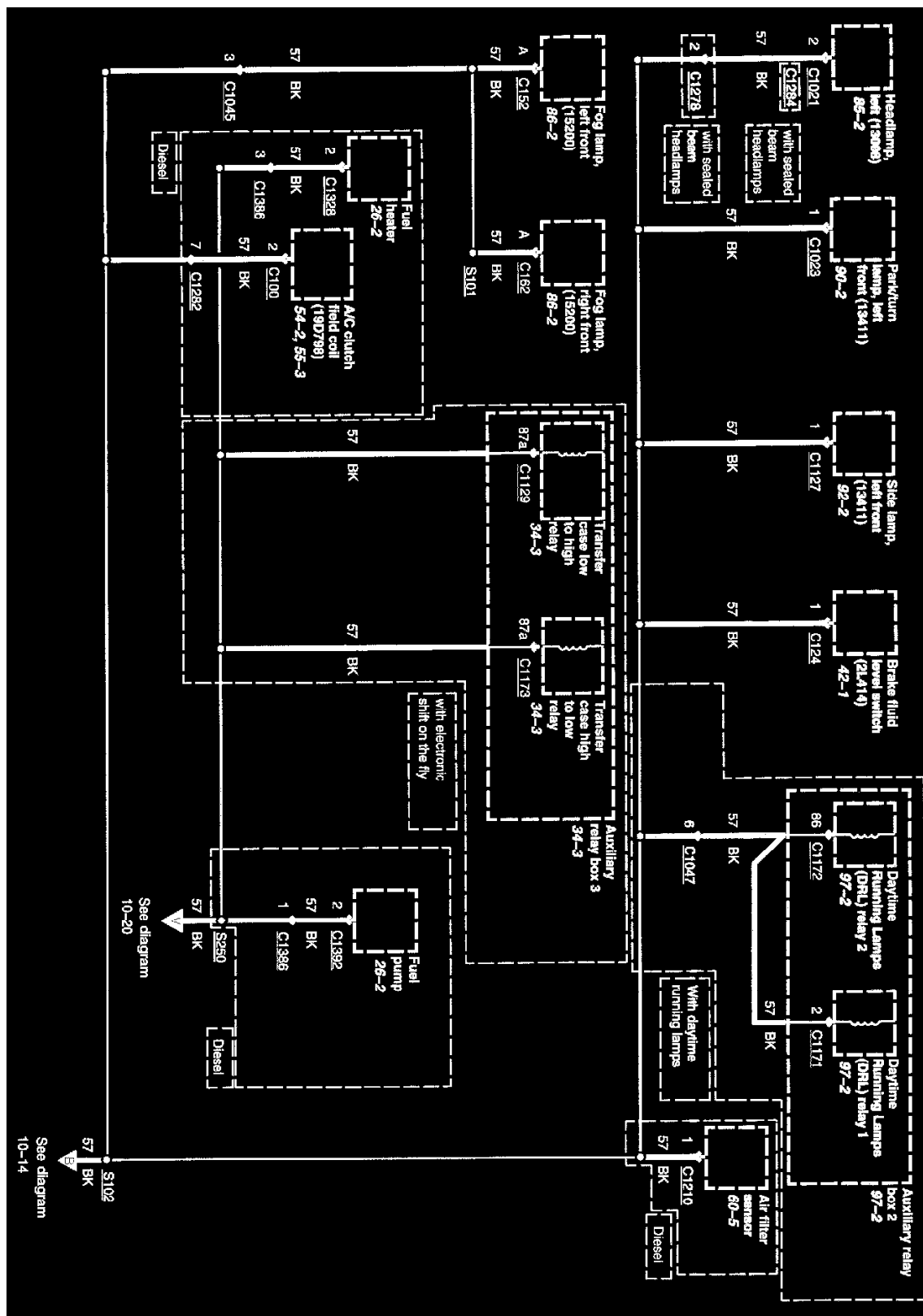
Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

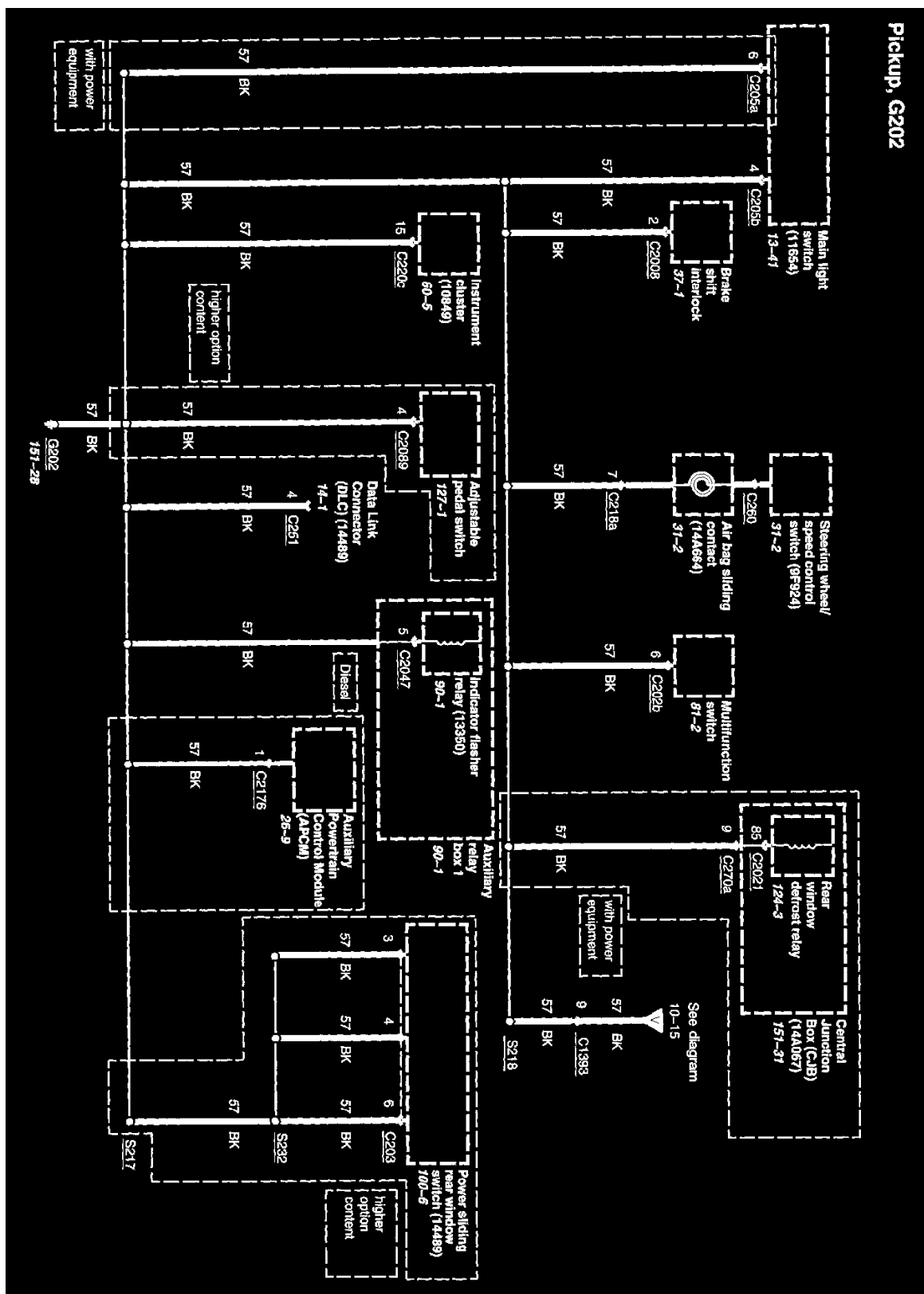
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

G202

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup





10-20

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

G203

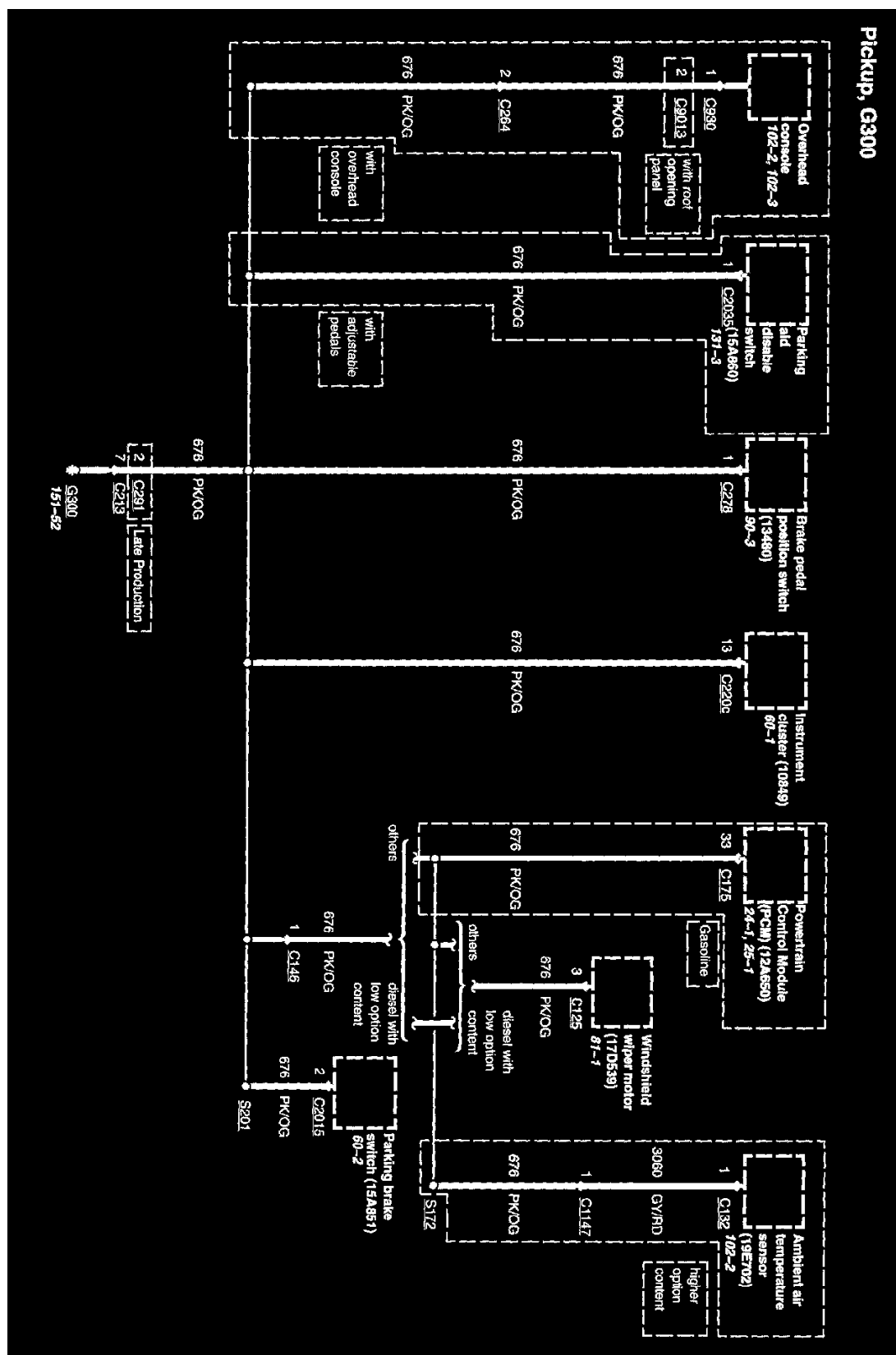
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



[illegible]



PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



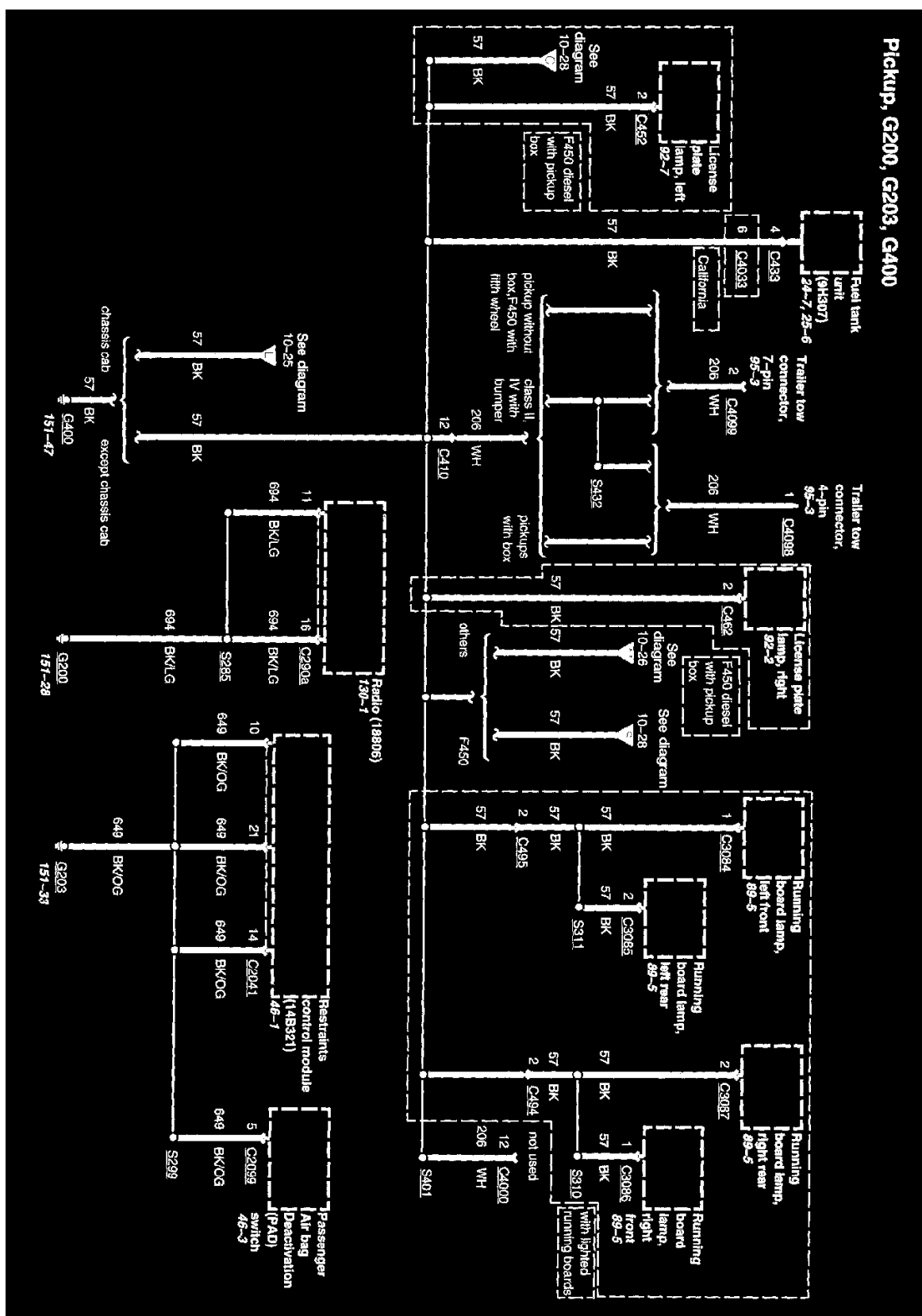
10-21

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

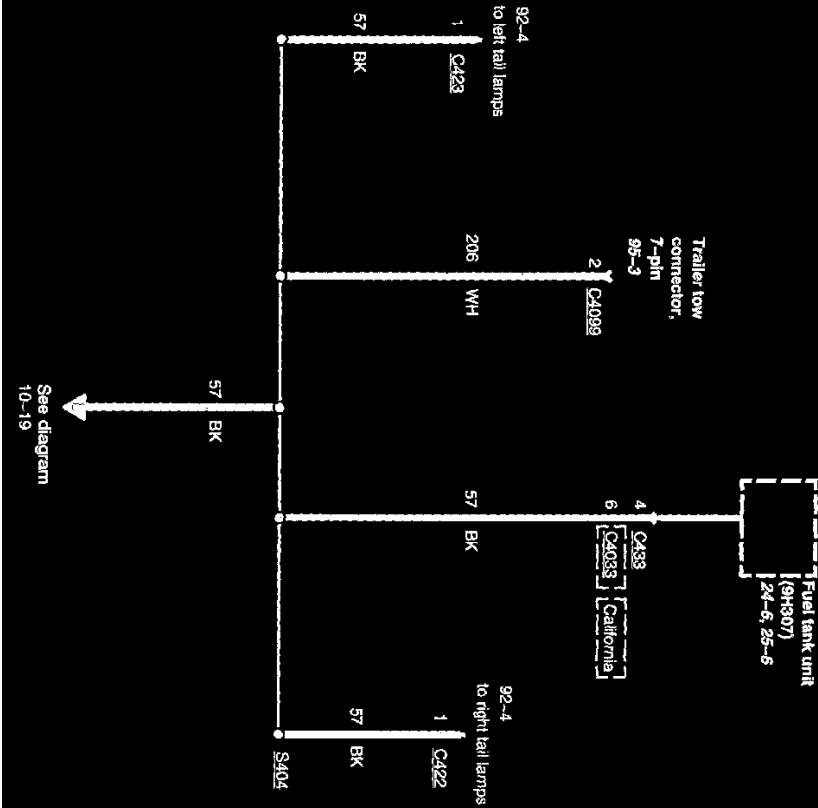
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

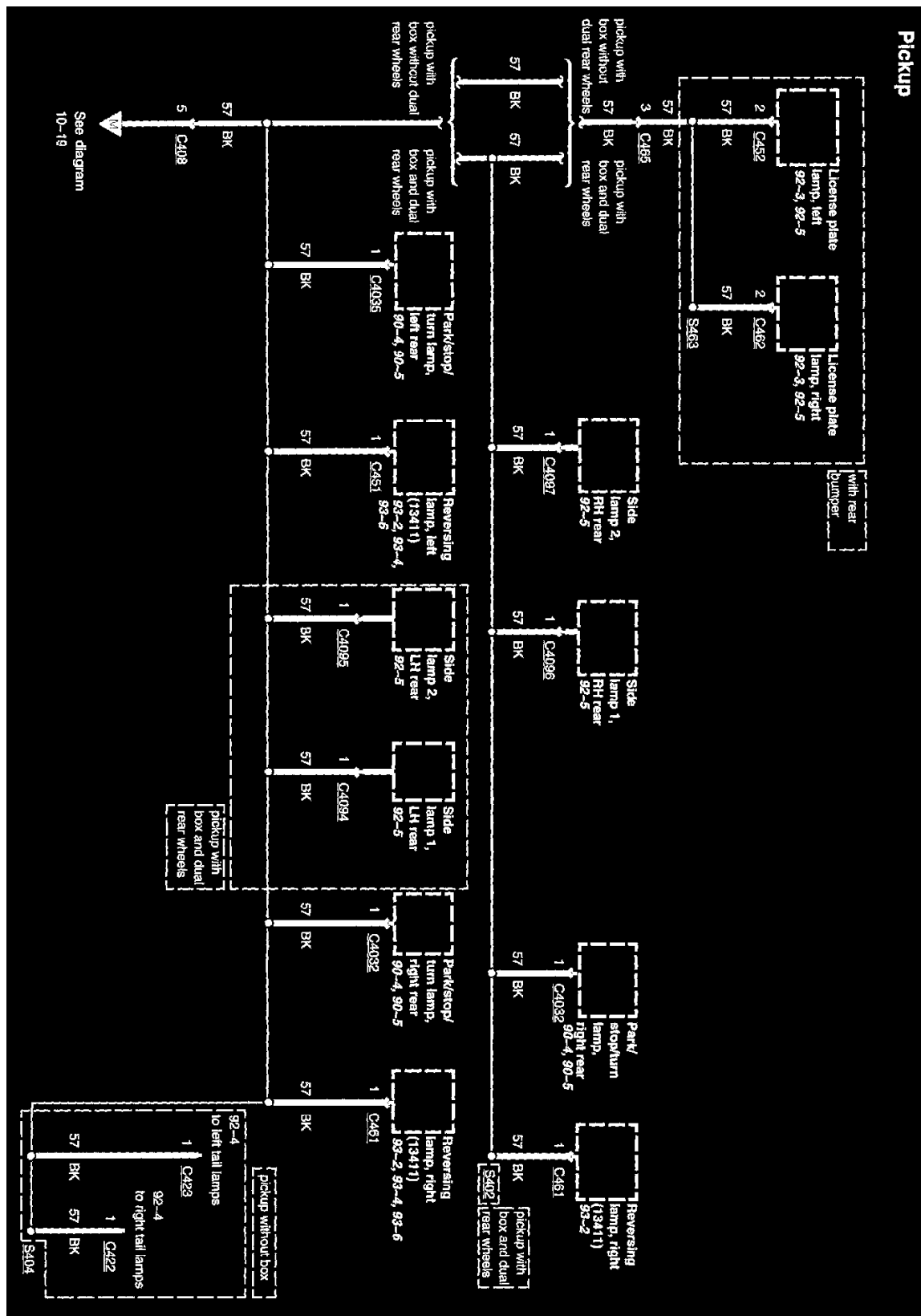
G400

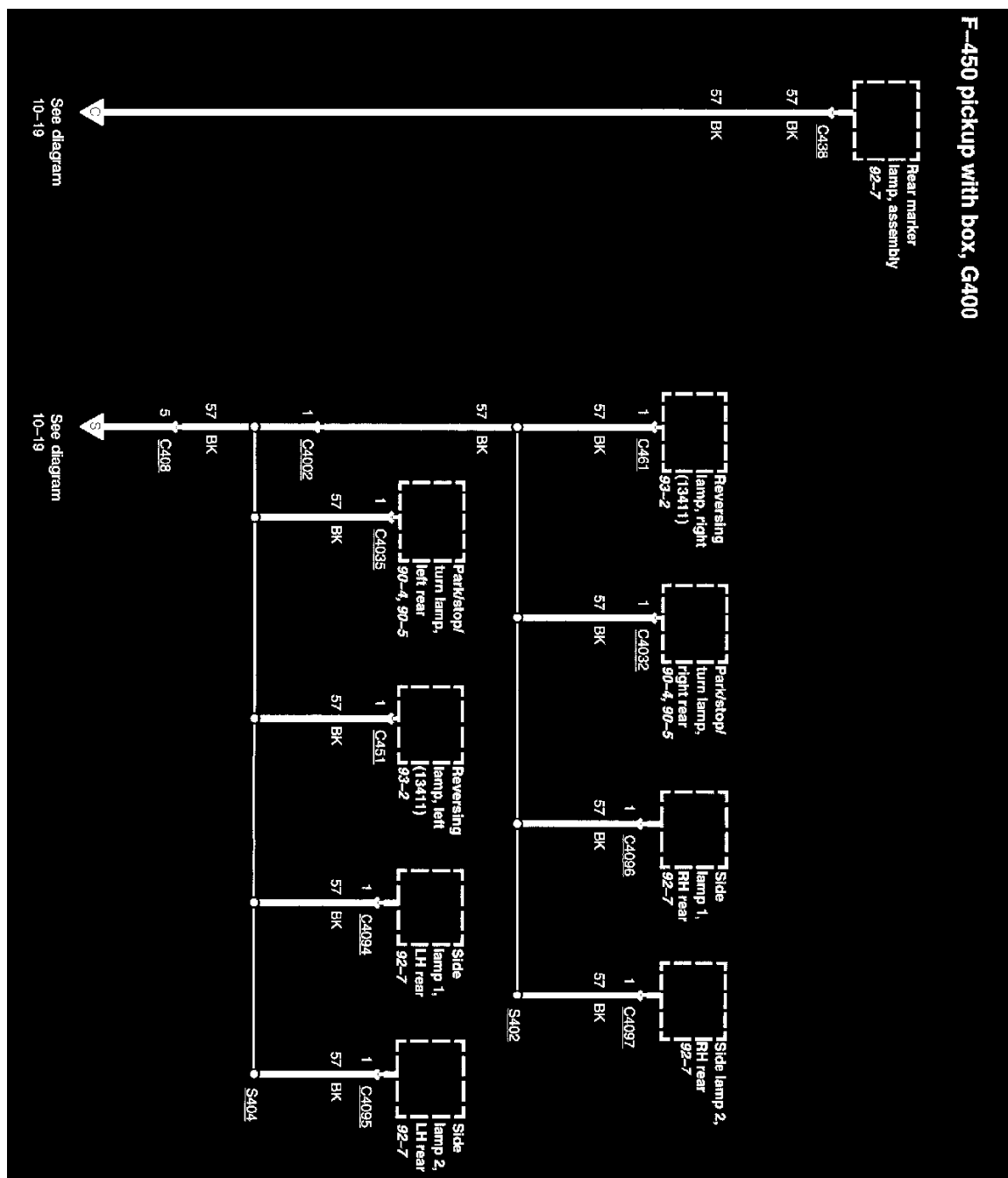
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



Chassis Cab







10-28

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

G900

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

[illegible]

Pickup

Diagram illustrating the wiring for a Pickup truck, showing power distribution to various components:

- Door ajar switch, passenger side rear (14018)**: Connected to 57 BK, 1 C6820 66-1.
- Without power equipment**: Connected to 57 BK.
- With power equipment**: Connected to 57 BK.
- Exterior rear view mirror, passenger side (17583)**: Connected to 57 BK, 5 C6801 124-2.
- Door ajar switch, passenger side front (14018)**: Connected to 57 BK, 2 C6802 66-1.
- Without power equipment**: Connected to 57 BK.
- With crew cab and with power equipment**: Connected to 57 BK, 10-22.
- See diagram 10-22**: Connected to 57 BK.
- Without remote keyless entry**: Connected to 57 BK, 4.
- Door lock switch, passenger side (14026)**: Connected to 57 BK, 1 C605 110-1, 110-2, 117-1.
- With remote keyless entry**: Connected to 57 BK, 1 C605 110-1, 110-2, 117-1.
- Without power equipment**: Connected to 57 BK, 1 C605 110-1, 110-2, 117-1.
- With power equipment**: Connected to 57 BK, 1 C605 110-1, 110-2, 117-1.
- Trailer tow relay, left**: Connected to 57 BK, 85 C1384 95-1.
- Trailer tow relay, right**: Connected to 57 BK, 85 C1383 96-1.
- Auxiliary relay box 5**: Connected to 57 BK.
- Trailer tow relay, left**: Connected to 57 BK, 2 C1188 85-2.
- Trailer tow relay, right**: Connected to 57 BK, 2 C1187 95-2.
- Auxiliary relay box 4**: Connected to 57 BK.
- Diesel**: Connected to 57 BK.
- Gasoline**: Connected to 57 BK.

See diagram 10-22 for additional details.



Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

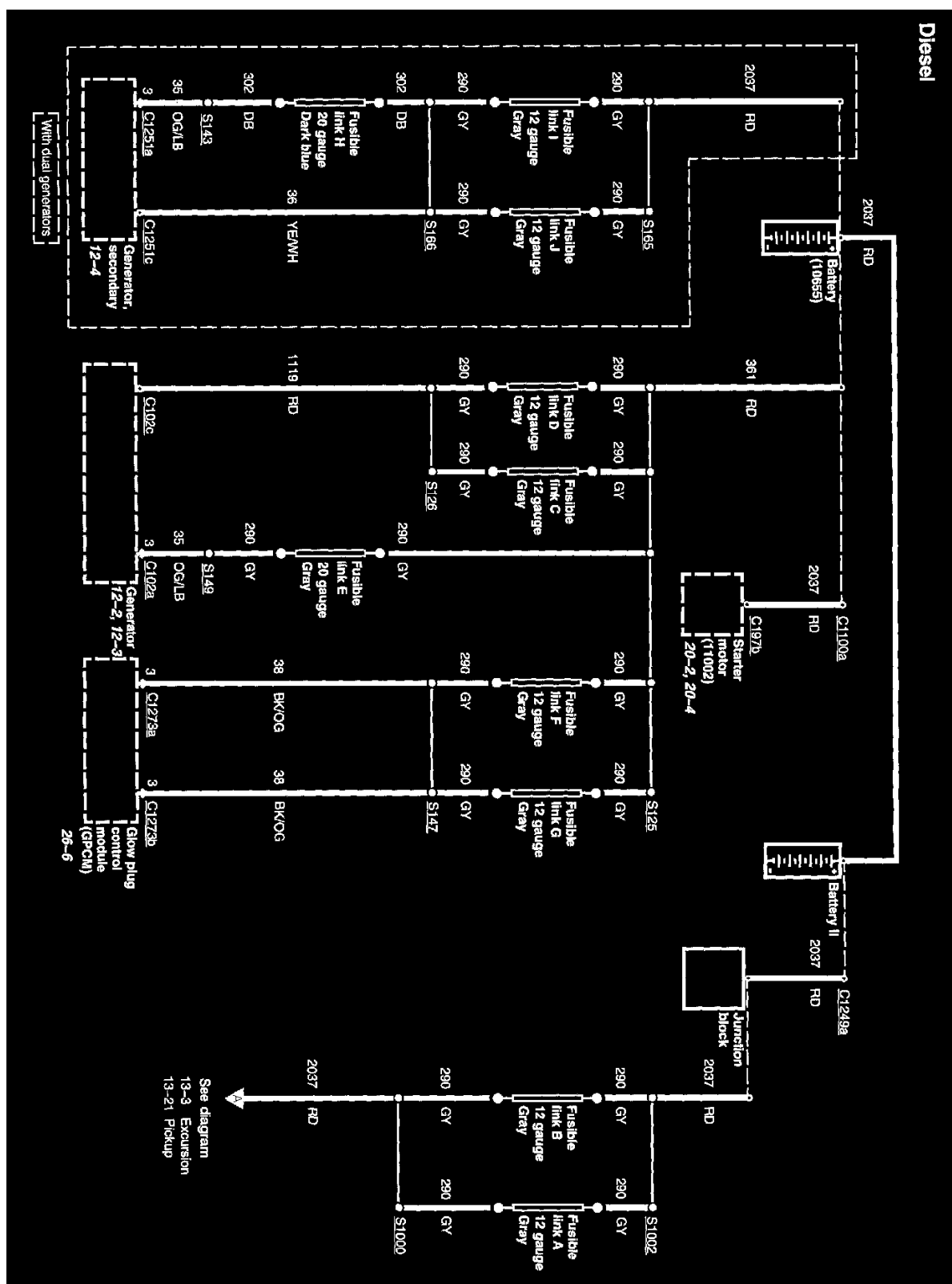
Battery	13-1, 13-2	F2.17	13-7, 13-25
Door lock switch, driver side	13-29	F2.18	13-11, 13-28
Door lock switch, passenger side	13-29	F2.19	13-7, 13-25
Electronic shift On the Fly (ESOF) solenoid	13-34	F2.20	13-7, 13-25
F1.1	13-13, 13-30	F2.21	13-11
F1.2	13-13, 13-30	F2.22	13-38, 13-39
F2.1	13-3, 13-21	F2.23	13-14, 13-31
F2.2	13-3	F2.24	13-19, 13-36
F2.3	13-3	F2.25	13-19, 13-36
F2.4	13-3, 13-21	F2.26	13-15, 13-32
F2.5	13-3	F2.27	13-16, 13-33
F2.6	13-5, 13-23	F2.28	13-19, 13-36
F2.7	13-8, 13-9, 13-26	F2.29	13-16, 13-33
F2.8	13-4, 13-22	F2.30	13-10, 13-27
F2.9	13-4, 13-22	F2.31	13-14, 13-31
F2.10	13-3, 13-21	F2.32	13-14, 13-31
F2.11	13-3, 13-21	F2.33	13-19, 13-36
F2.12	13-5, 13-23	F2.34	13-11, 13-28
F2.13	13-7, 13-25	F2.35	13-12, 13-29
F2.14	13-12, 13-29	F2.36	13-12, 13-29
F2.15	13-7	F2.37	13-4, 13-22
F2.16	13-5	F2.38	13-6, 13-24

F2.39	13-6, 13-24	F2.114	13-5, 13-23
F2.40	13-6, 13-24	F2.115	13-4, 13-22
F2.41	13-12, 13-29	F2.116	13-13, 13-30
F2.42	13-6, 13-24	F2.601	13-6, 13-24
F2.43	13-20, 13-37	F2.602	13-5, 13-23
F2.44	13-20	Fusible link A	13-1, 13-2
F2.45	13-20, 13-37	Fusible link B	13-1, 13-2
F2.46	13-8, 13-9, 13-26	Fusible link C	13-1, 13-2
F2.47	13-8, 13-9, 13-26	Fusible link D	13-1, 13-2
F2.48	13-19	Fusible link E	13-1, 13-2
F2.101	13-12, 13-29	Fusible link F	13-2
F2.102	13-12, 13-29	Fusible link G	13-2
F2.103	13-13, 13-30	Fusible link H	13-2
F2.104	13-4, 13-22	Fusible link I	13-2
F2.105	13-4, 13-22	Fusible link J	13-2
F2.106	13-12, 13-29	Horn relay	13-4
F2.107	13-6, 13-24	Ignition Switch	13-13, 13-30
F2.108	13-11	Ignition transformer capacitors	13-15, 13-32
F2.109	13-12, 13-29	Junction block	13-1, 13-2
F2.110	13-13, 13-30	Main light switch	13-41
F2.111	13-11, 13-28	Microprocessor	13-41
F2.112	13-12, 13-29	Vehicle Security Module (VSM)	13-29
F2.113	13-4, 13-22		

F2.39-Ve

13-2

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



13-2

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-21

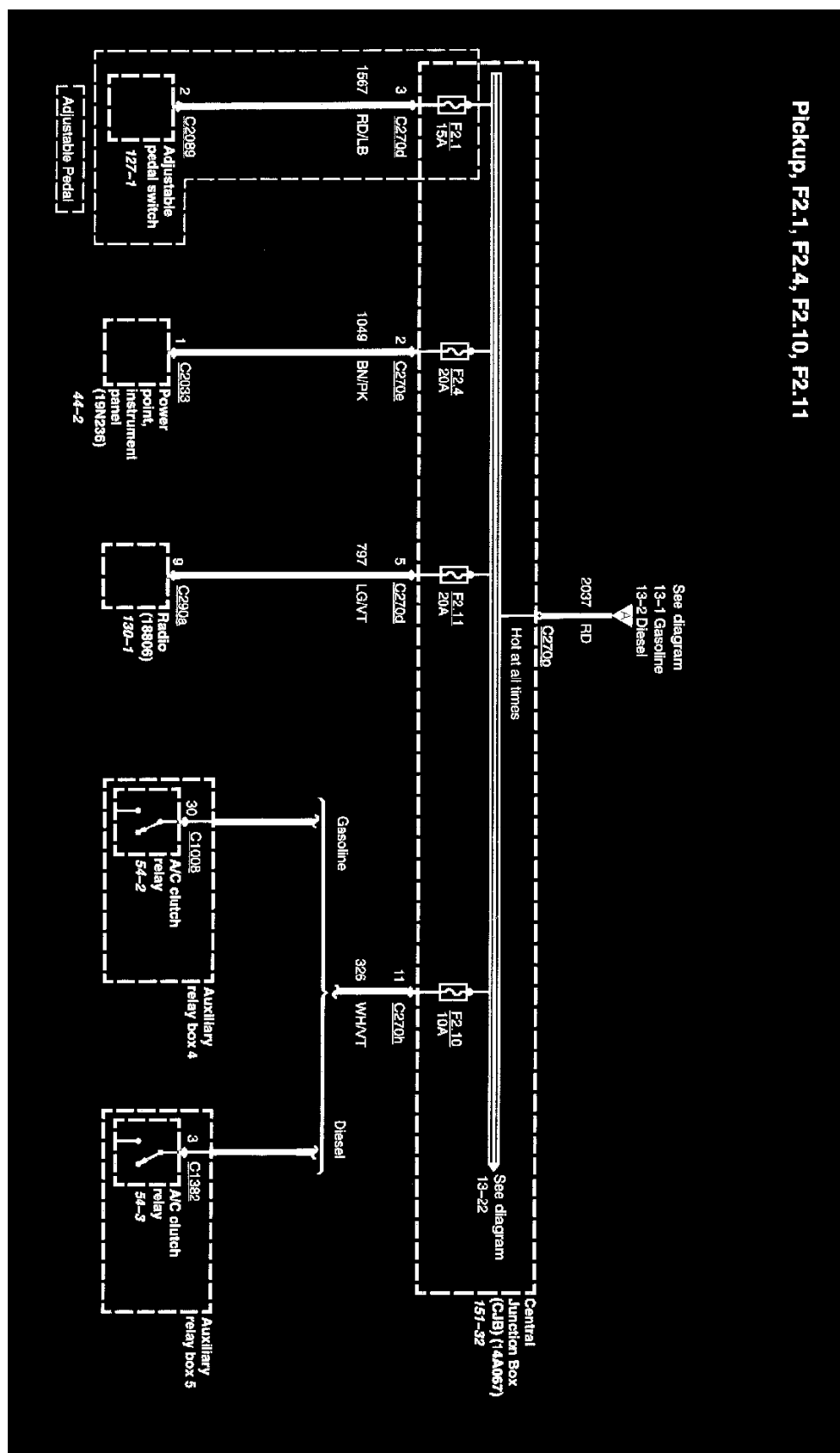
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

13-21

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do

not apply to the vehicle model selected.



13-21

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-22

Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-2

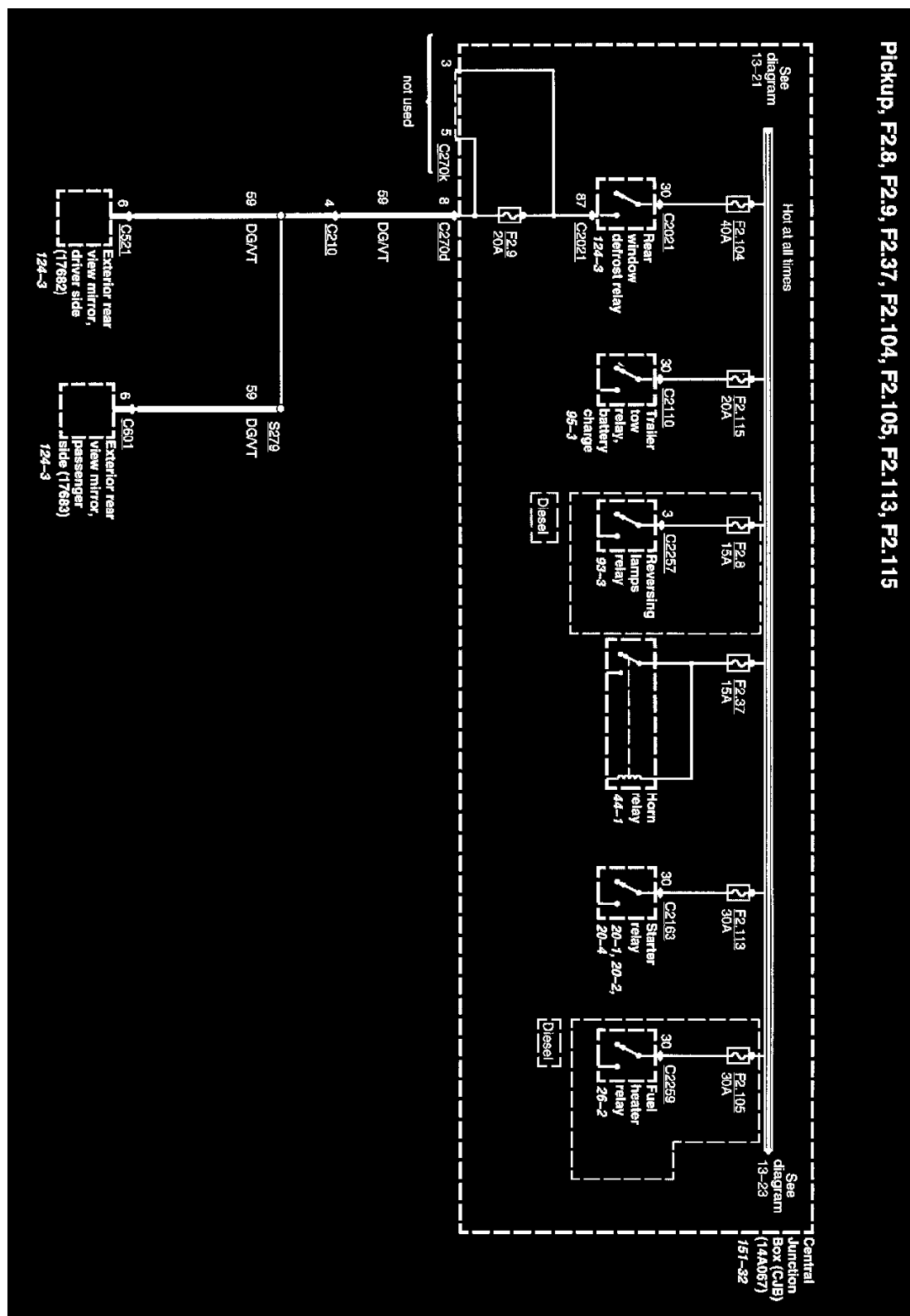
Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See:

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.

See: Components/Component Location Views

13-22

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



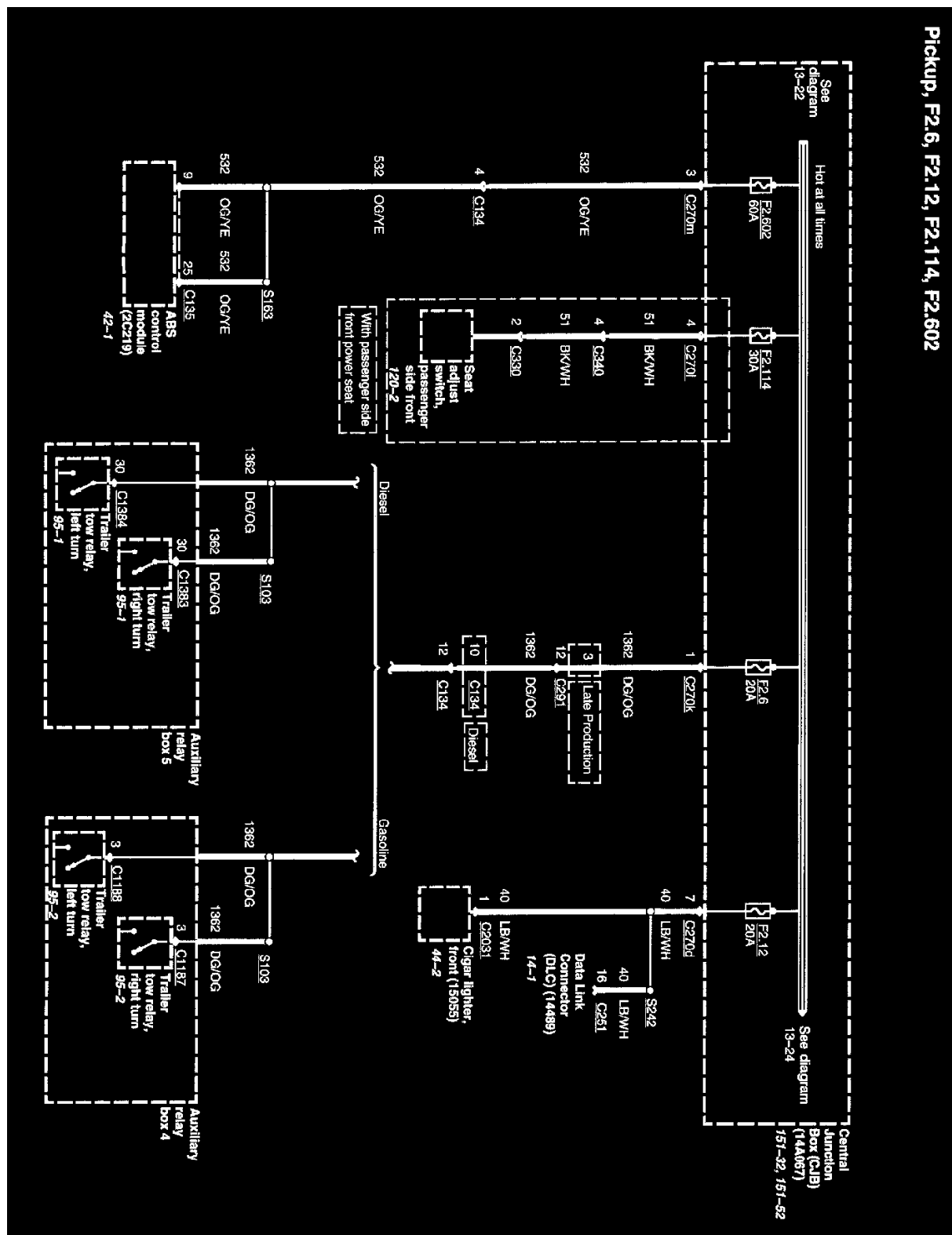
Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-21

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

13-23

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



13-23

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-24

Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-22

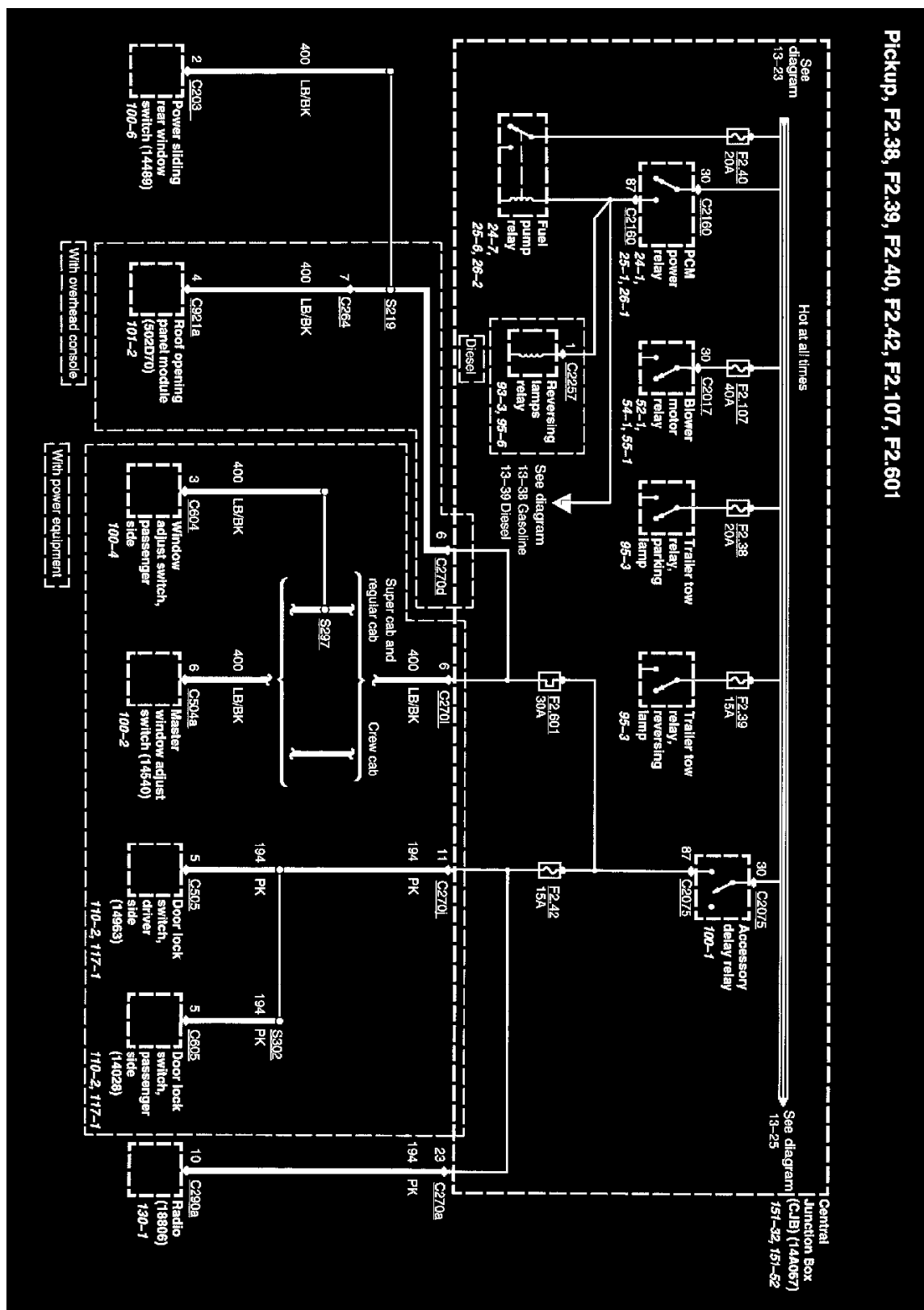
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

13-24

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup, F2.38, F2.39, F2.40, F2.42, F2.107, F2.601



13-24

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-25

Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-23

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

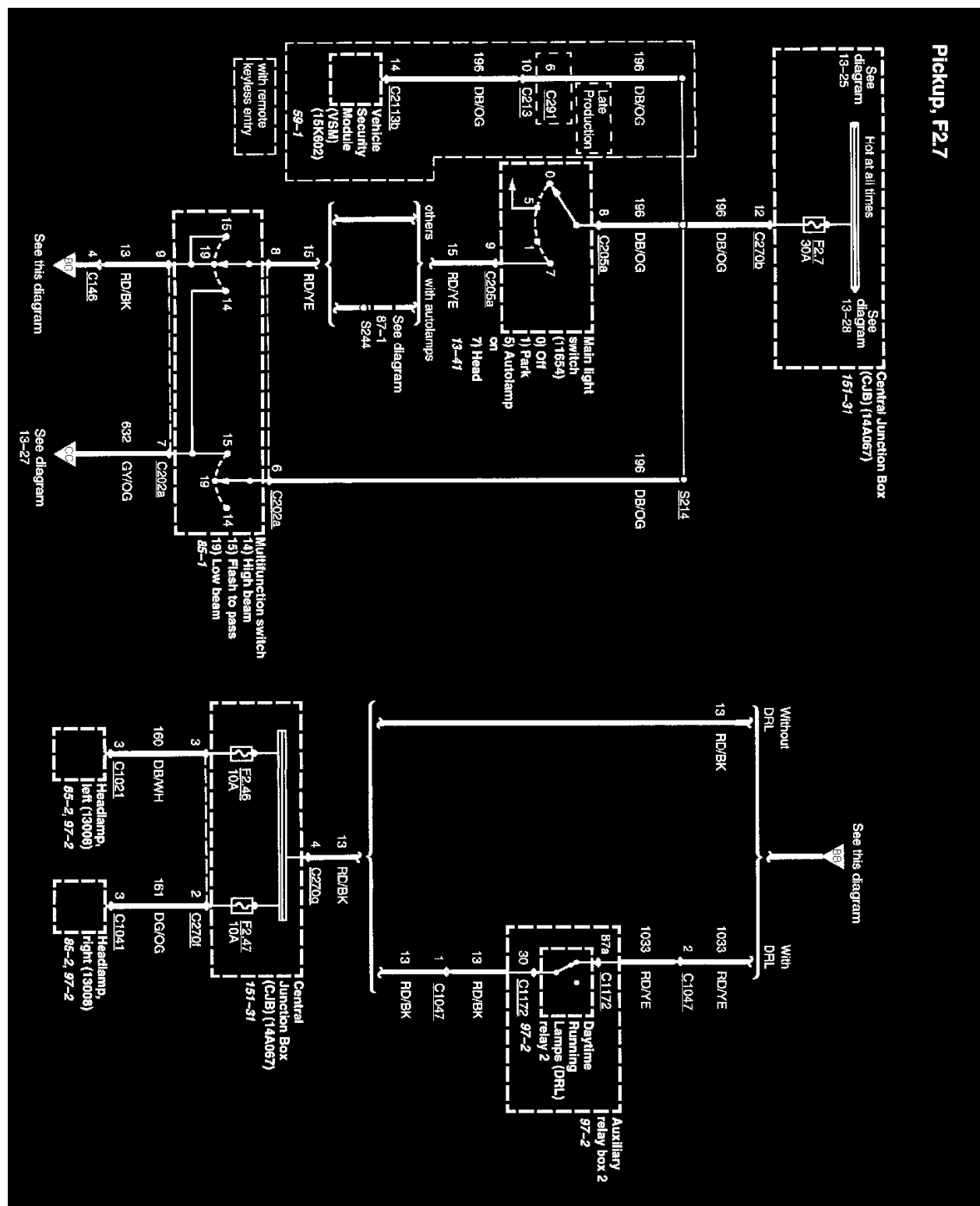


Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

13-26

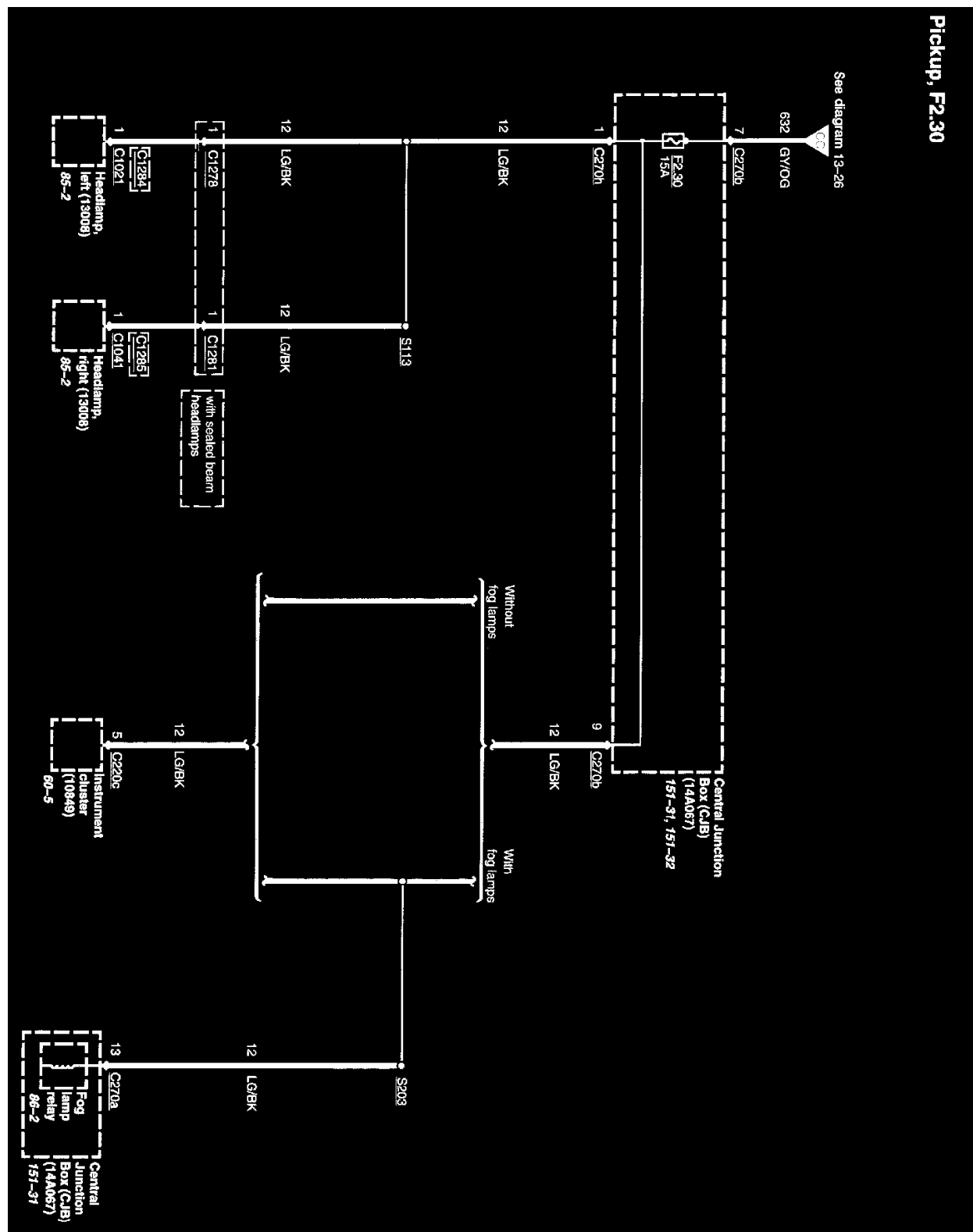
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



Diagrams: Other diagrams referred to by number (See Diagram ###, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

13-27

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



13-27

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-28

Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-26

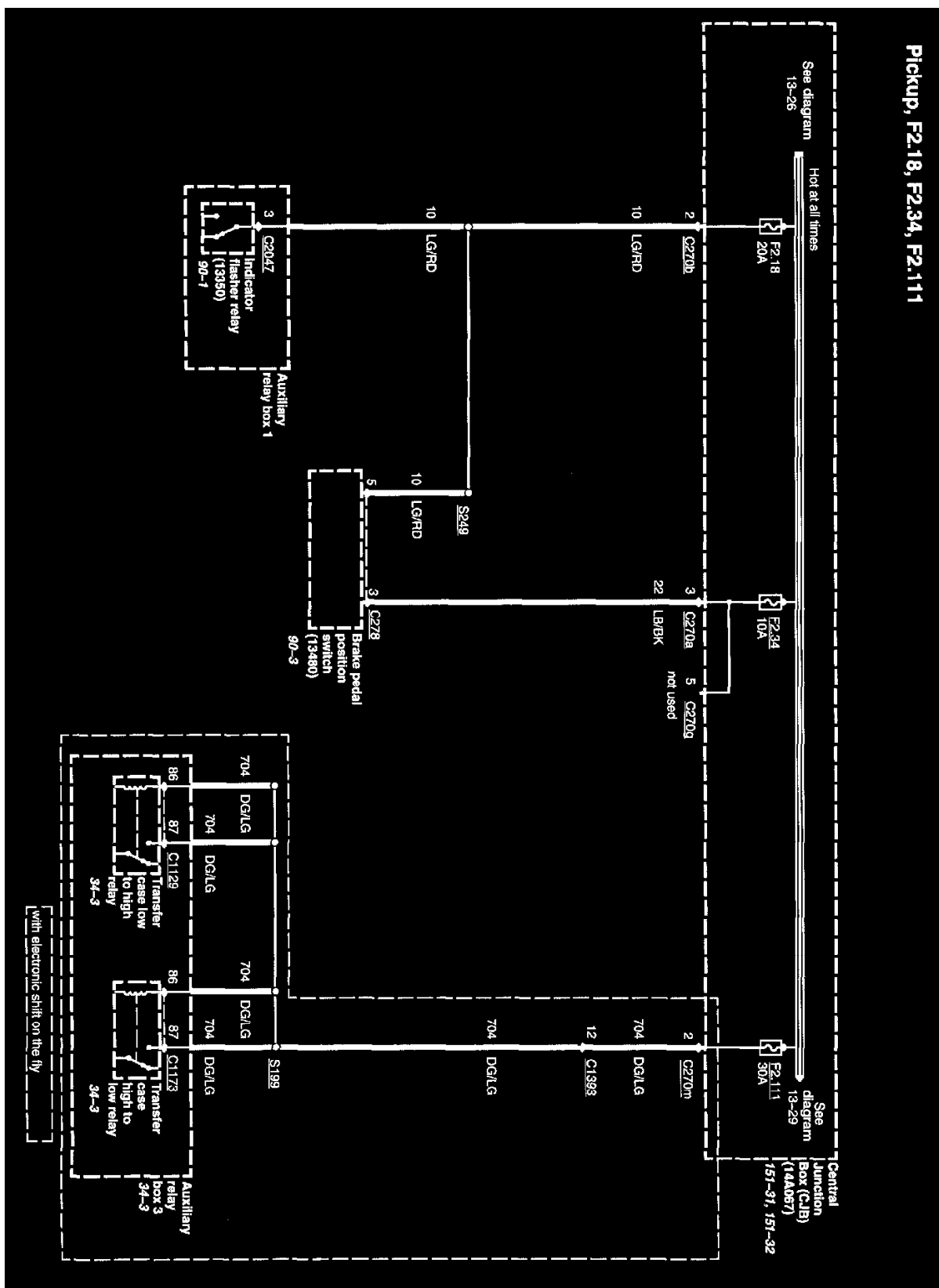
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

13-28

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup, F2.18, F2.34, F2.111



13-28

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-29

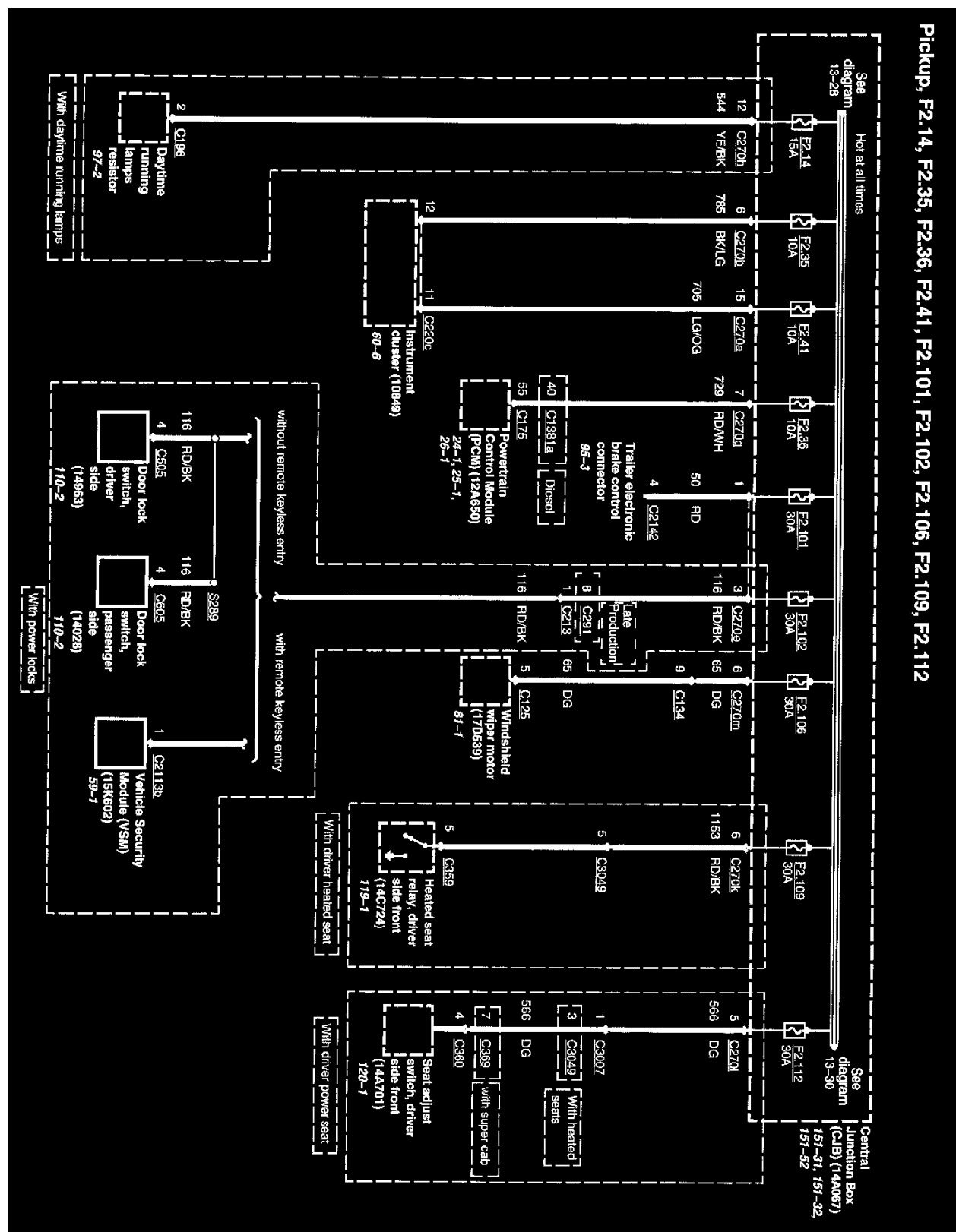
Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-27

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.

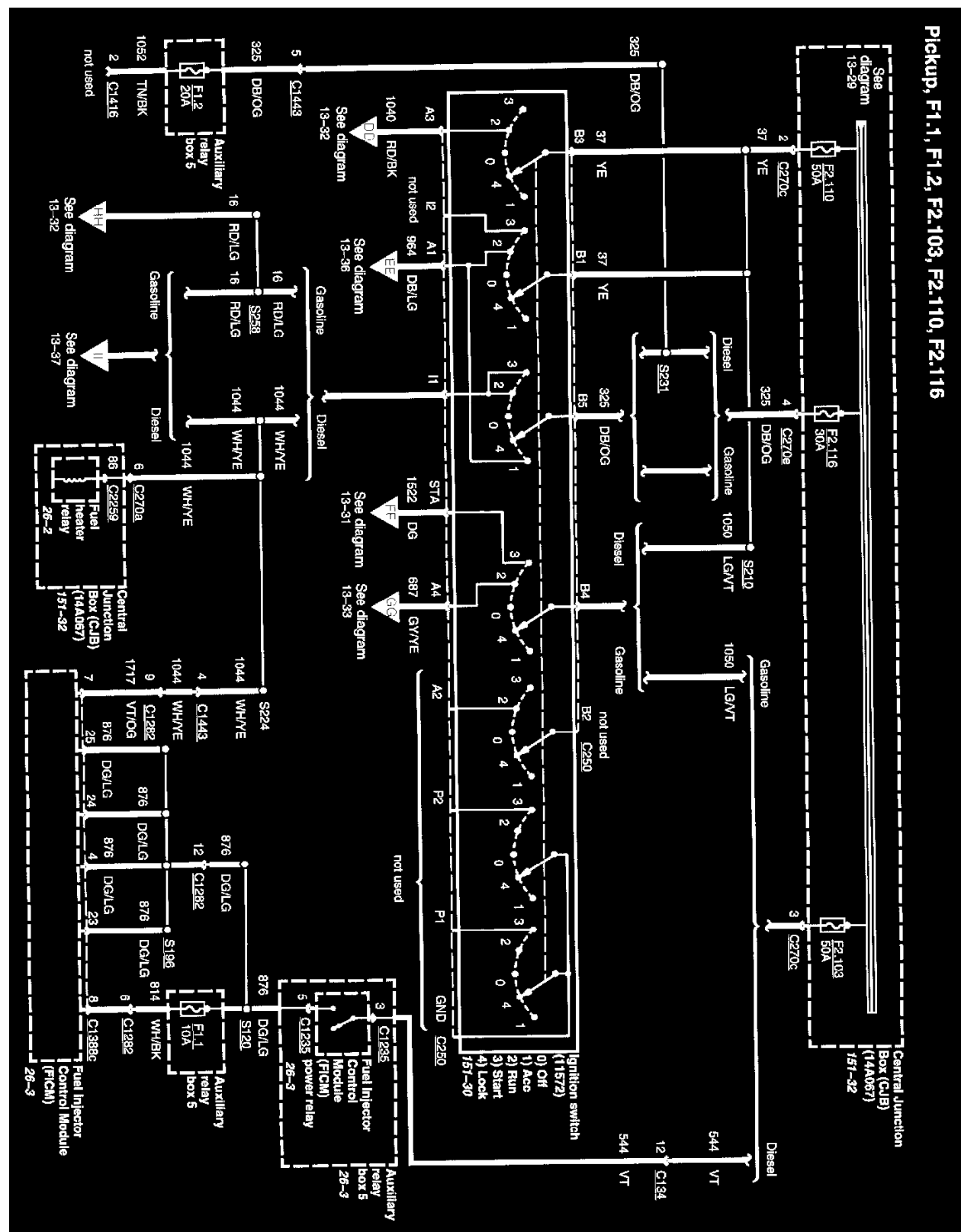
13-29

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



13-30

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-31

Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-29

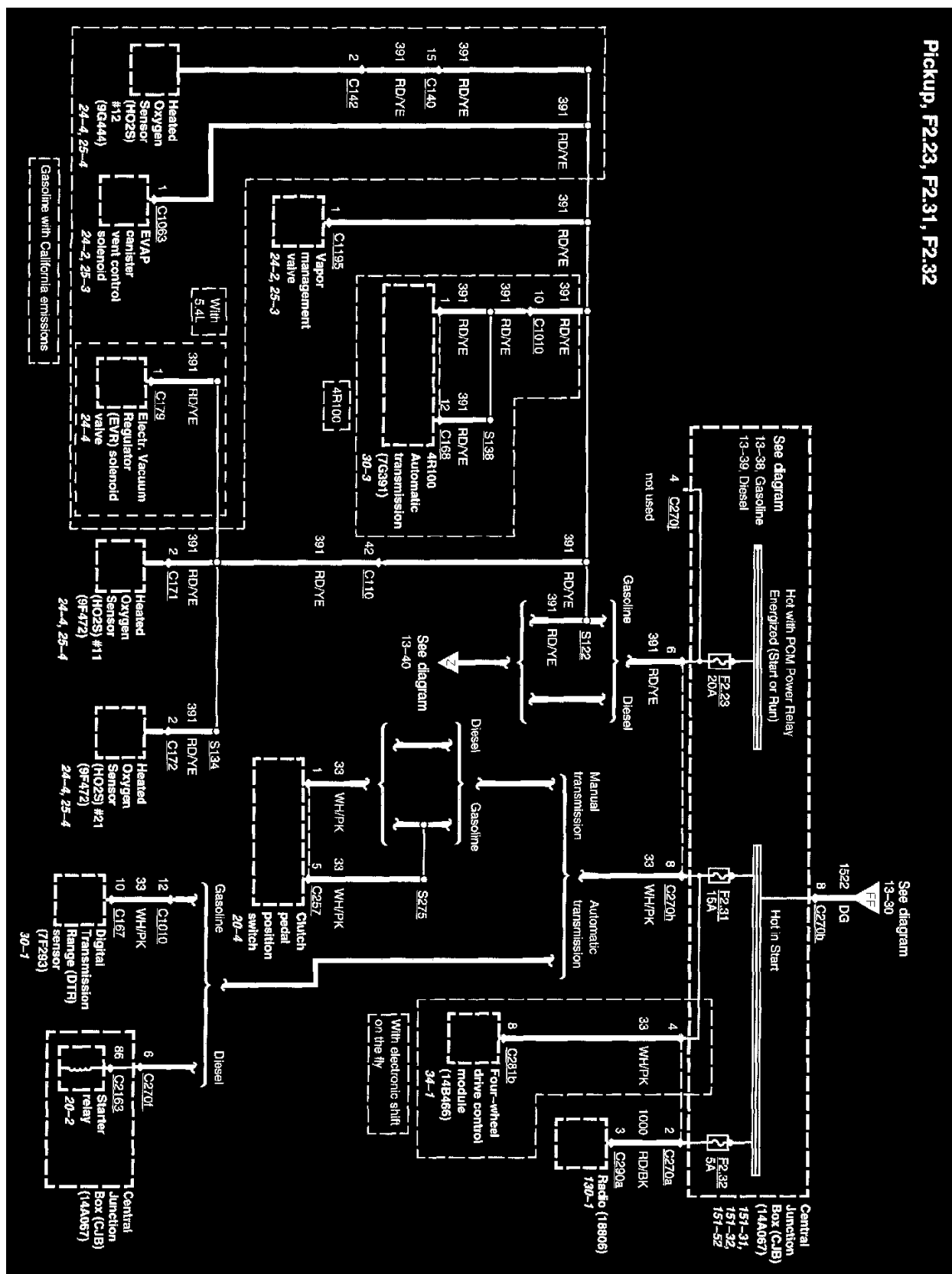
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

13-31

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup, F2.23, F2.31, F2.32



13-31

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-32

Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-30

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

13-32

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-33

Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-31

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

13-33

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

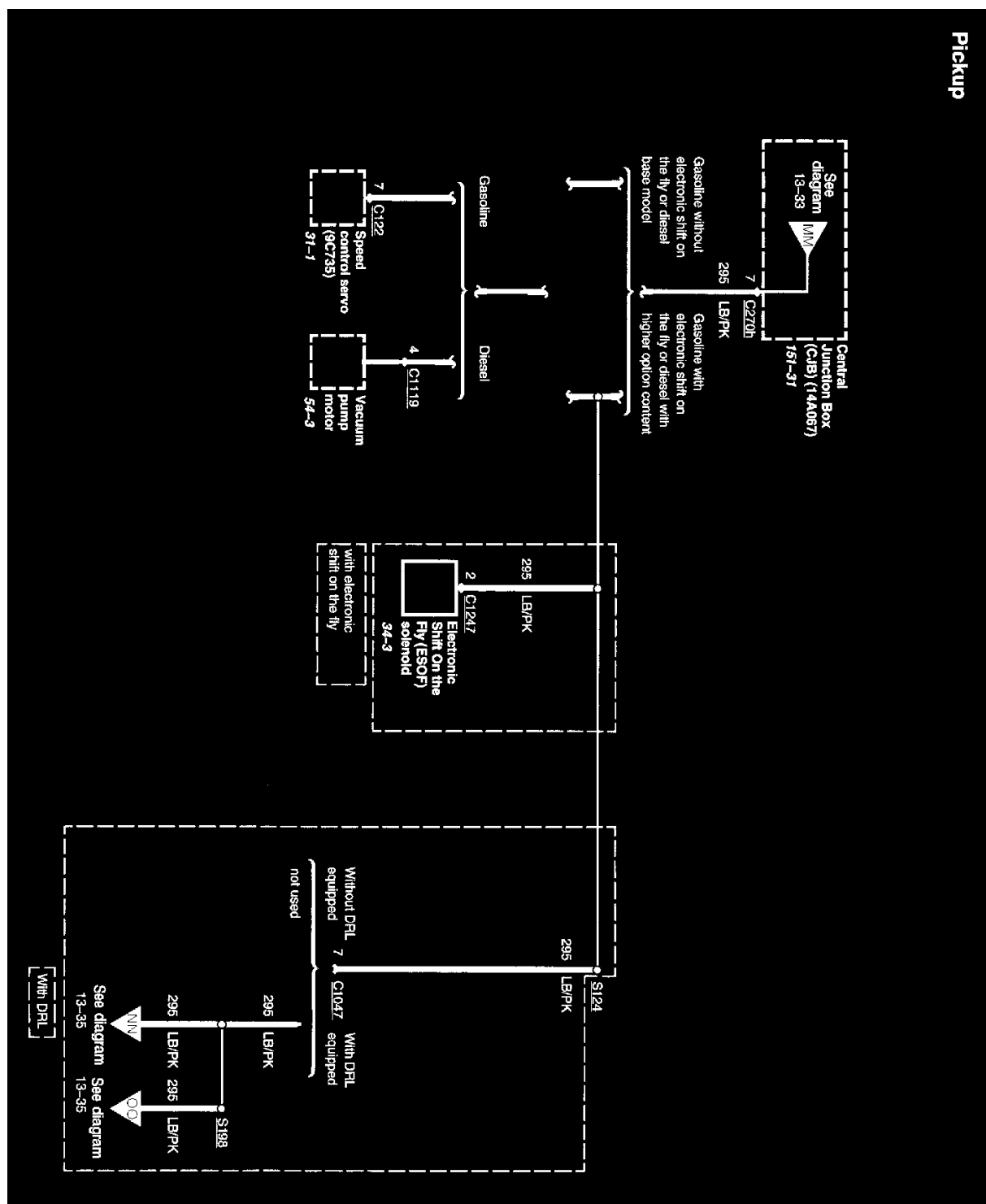
See diagram
13-30



Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.
See: Components/Component Location Views

13-34

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



13-34

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-35

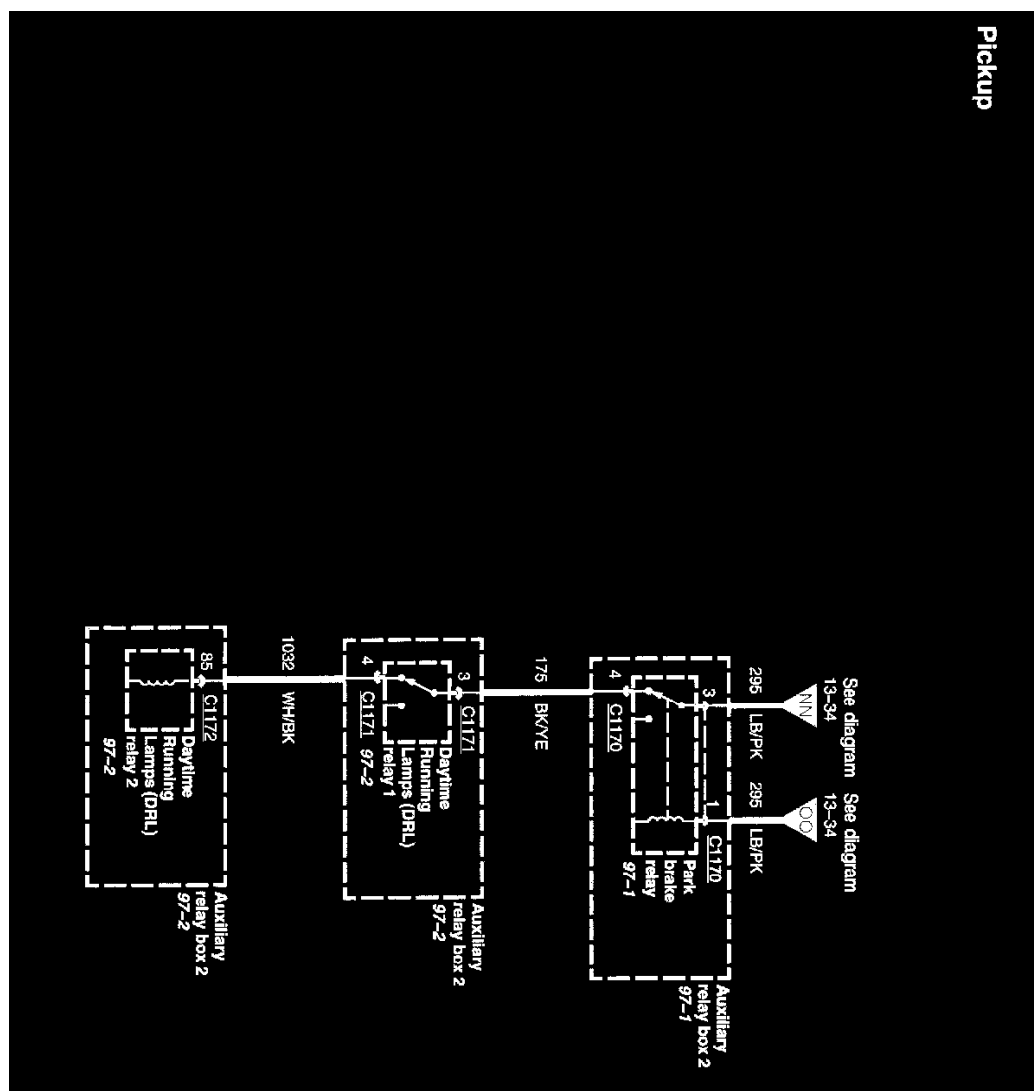
Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-33

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

13-35

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

**13-35**

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-36

Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-34

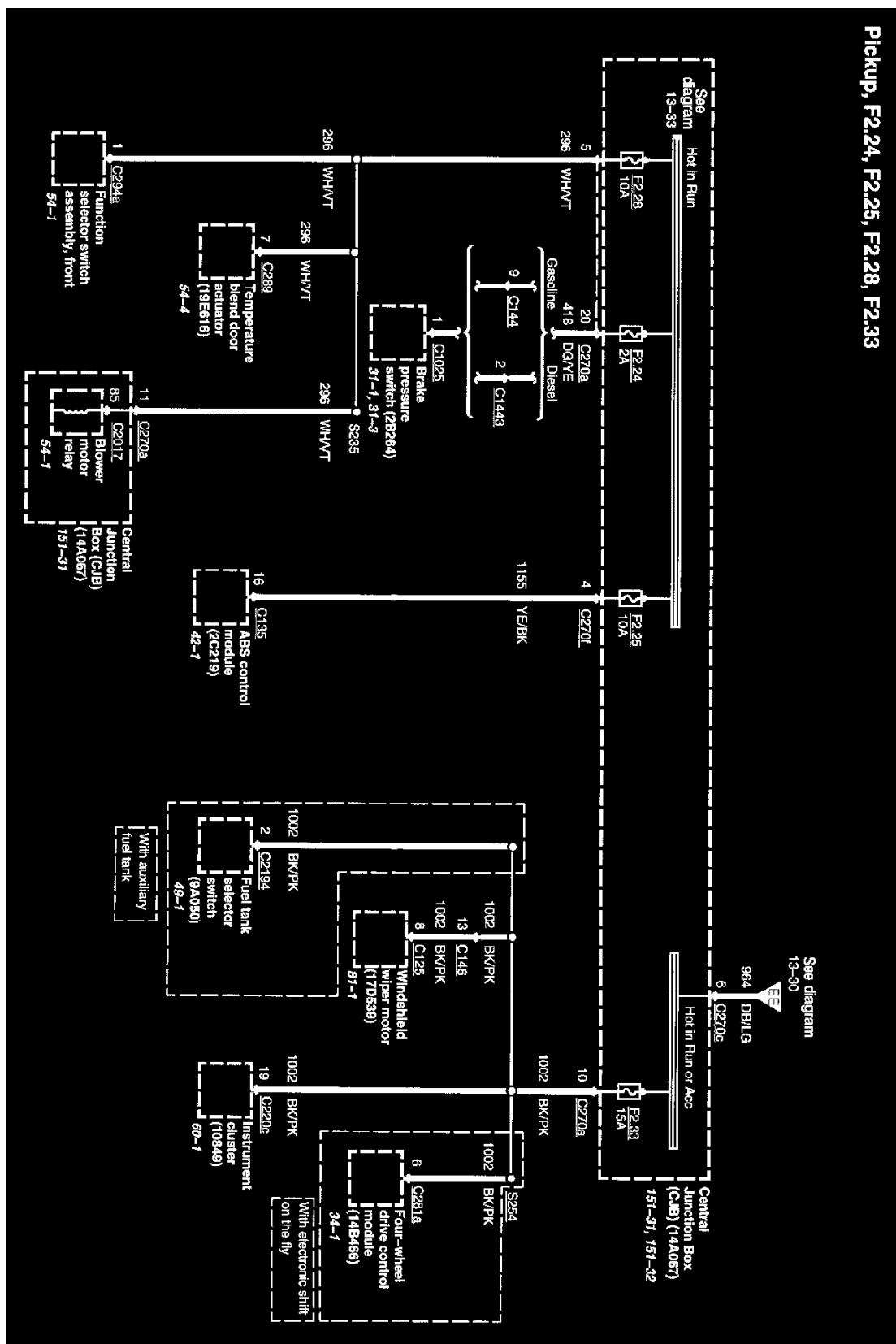
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

13-36

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup, F2.24, F2.25, F2.28, F2.33



13-36

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-37

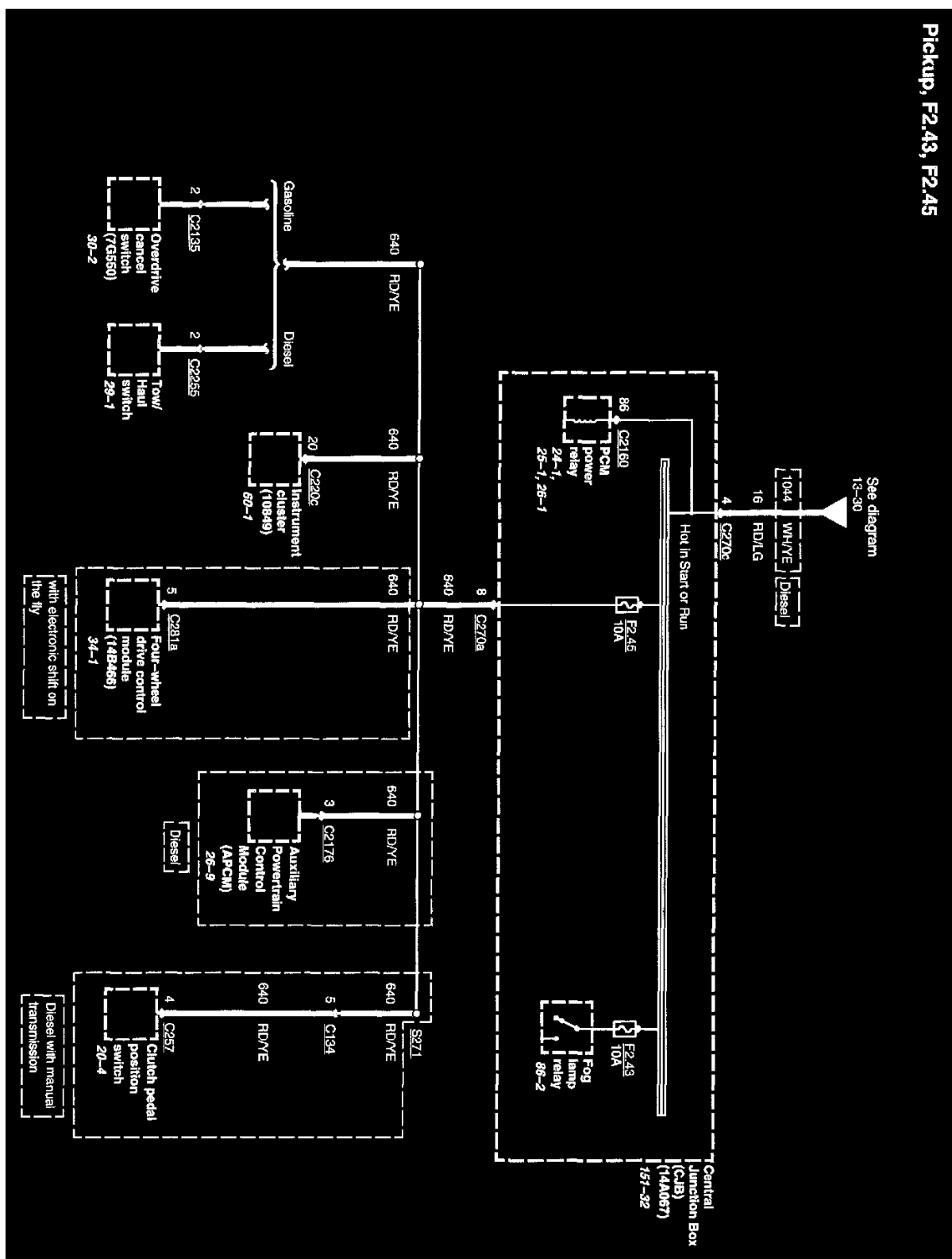
Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-35

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.

13-37

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



13-37

Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-36

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See:

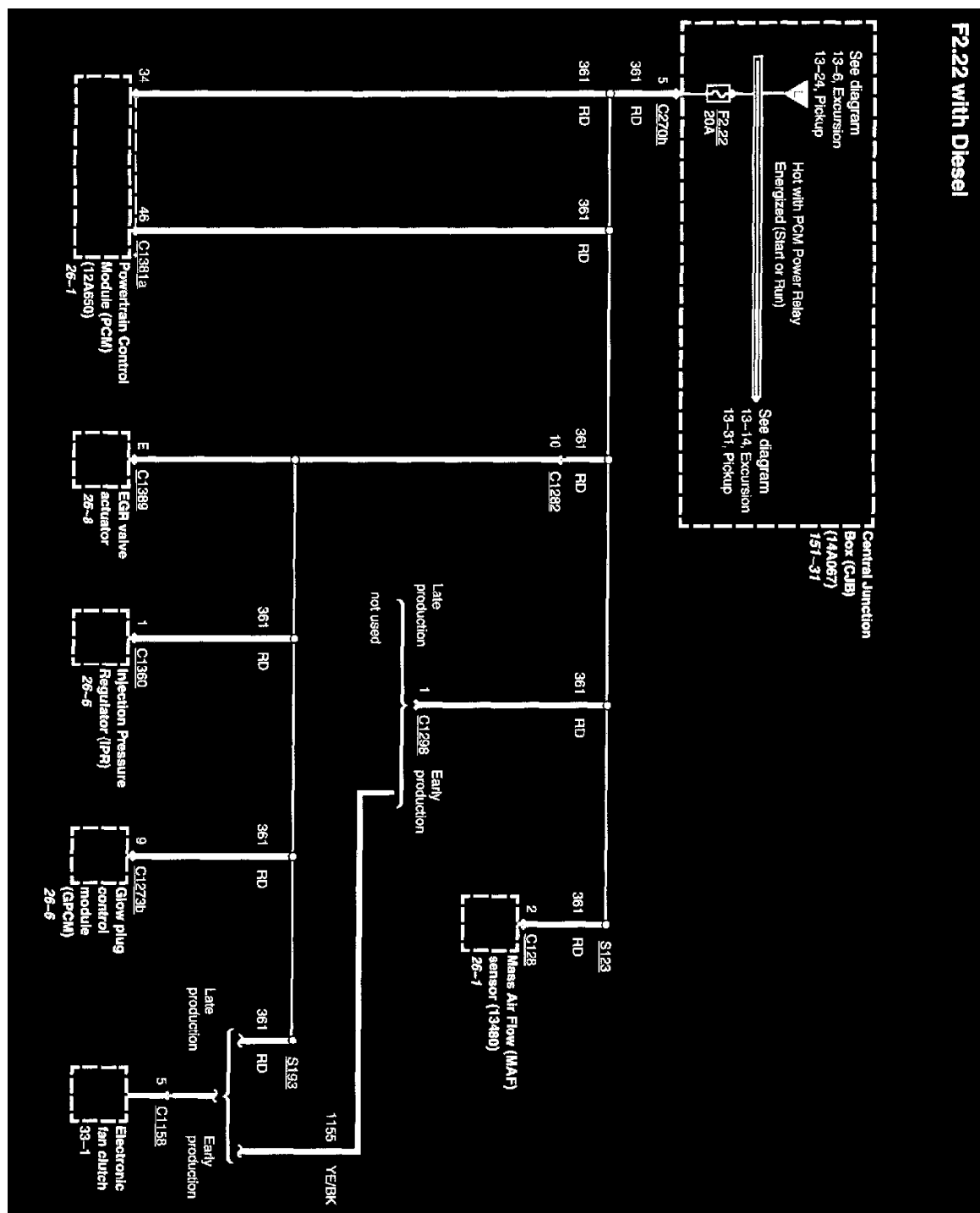
Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.

See: Components/Component Location Views

13-39

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

**13-39**

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-40

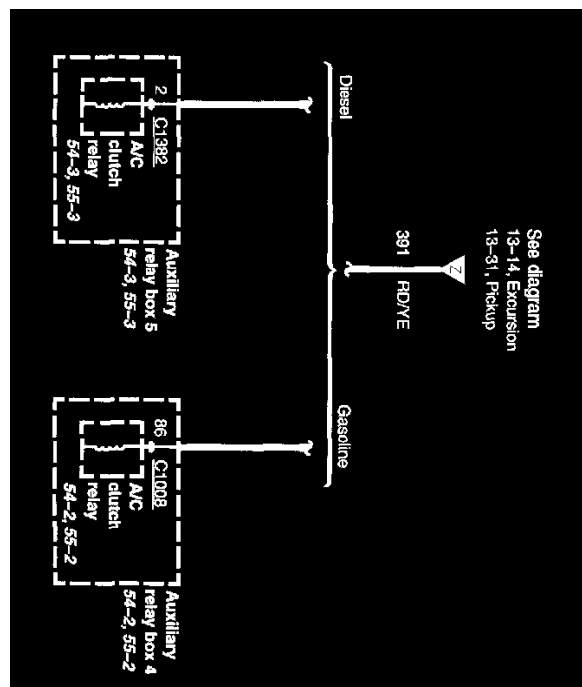
Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-37

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.
See: Components/Component Location Views

13-40

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



13-40

Next Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-41

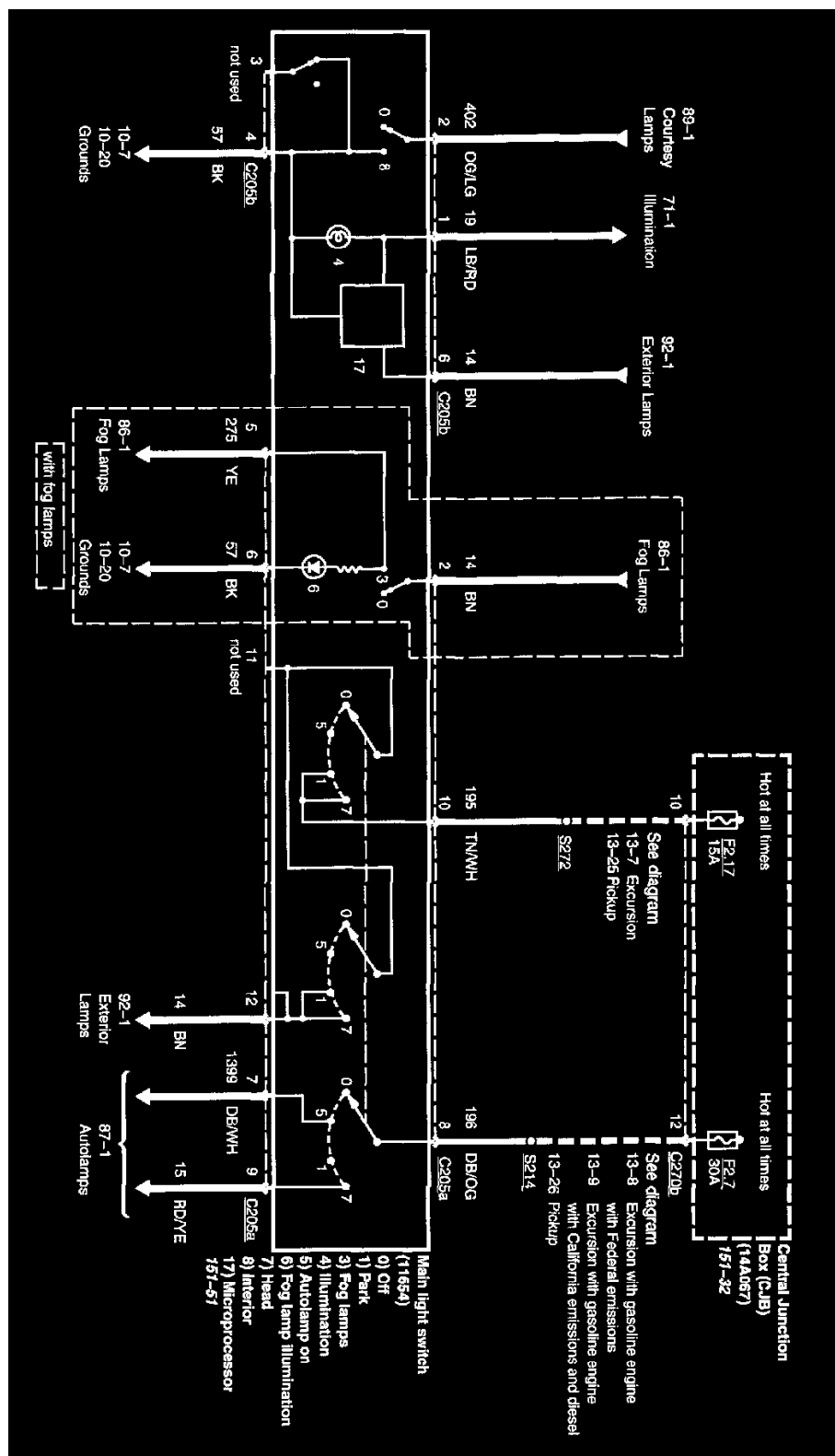
Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-39

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.
See: Components/Component Location Views

13-41

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



13-41

Previous Diagram See: Electrical Diagrams/Power and Ground Distribution/Power Distribution Diagrams/13-40

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Air Bag Systems

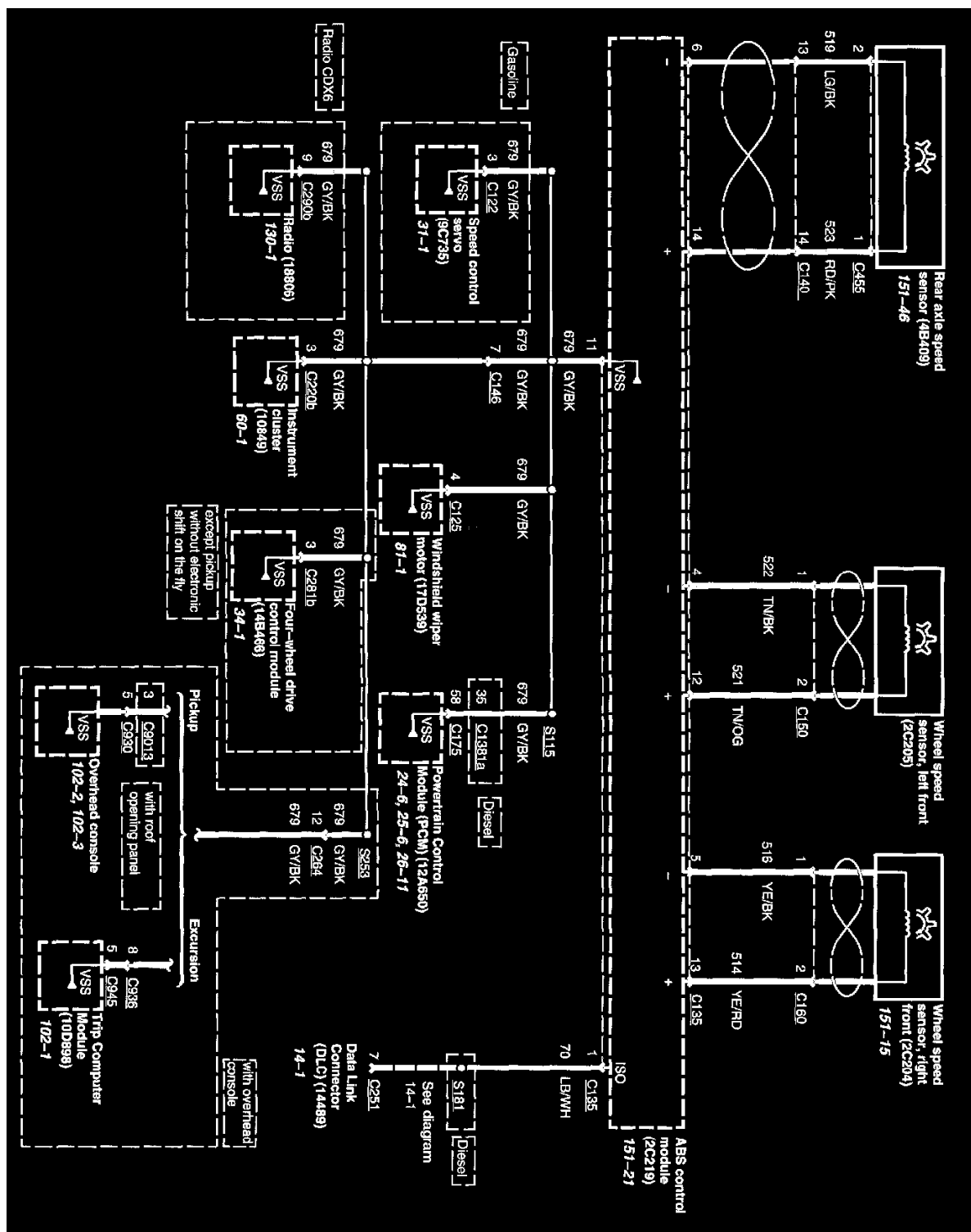
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





42-2

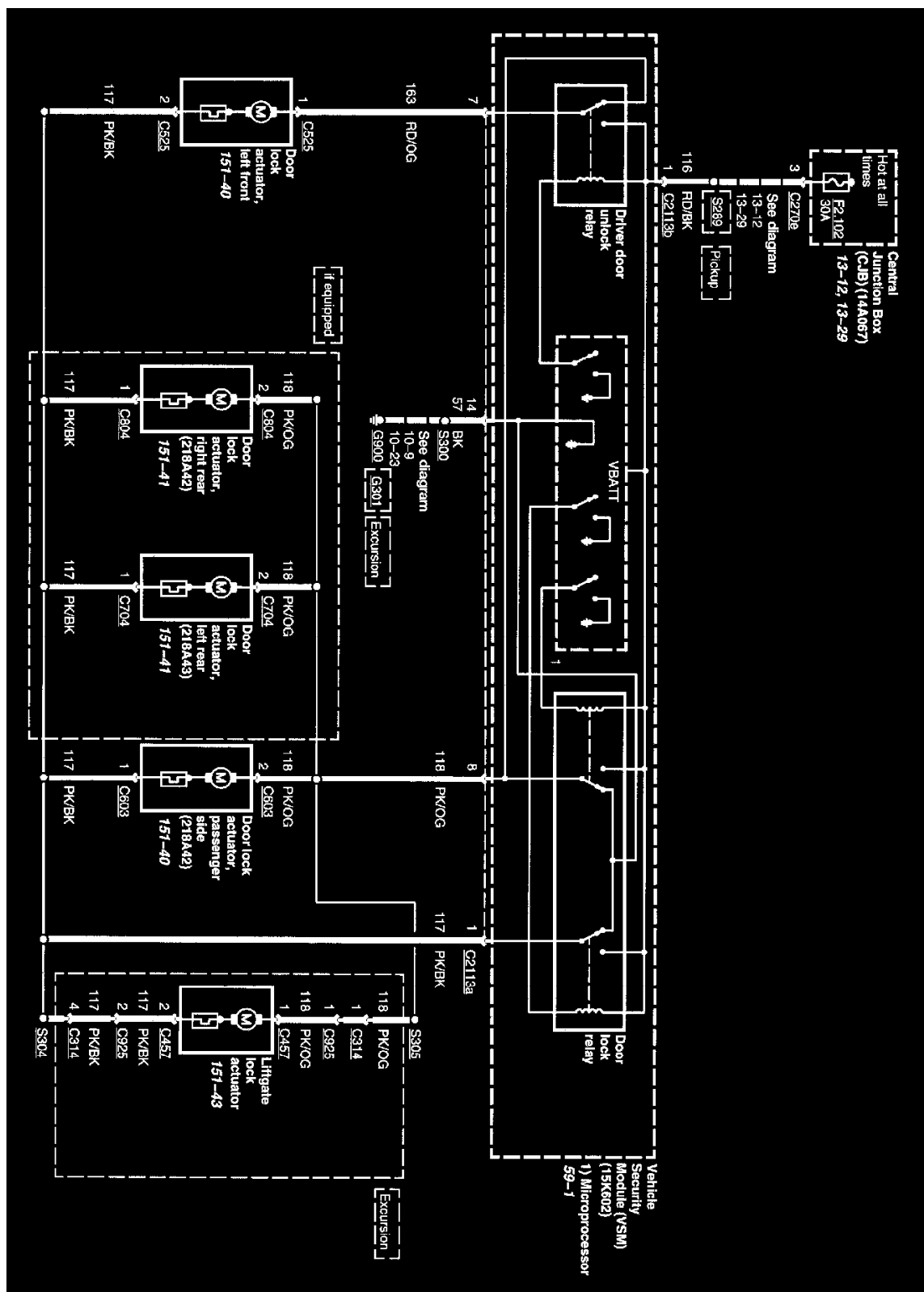
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

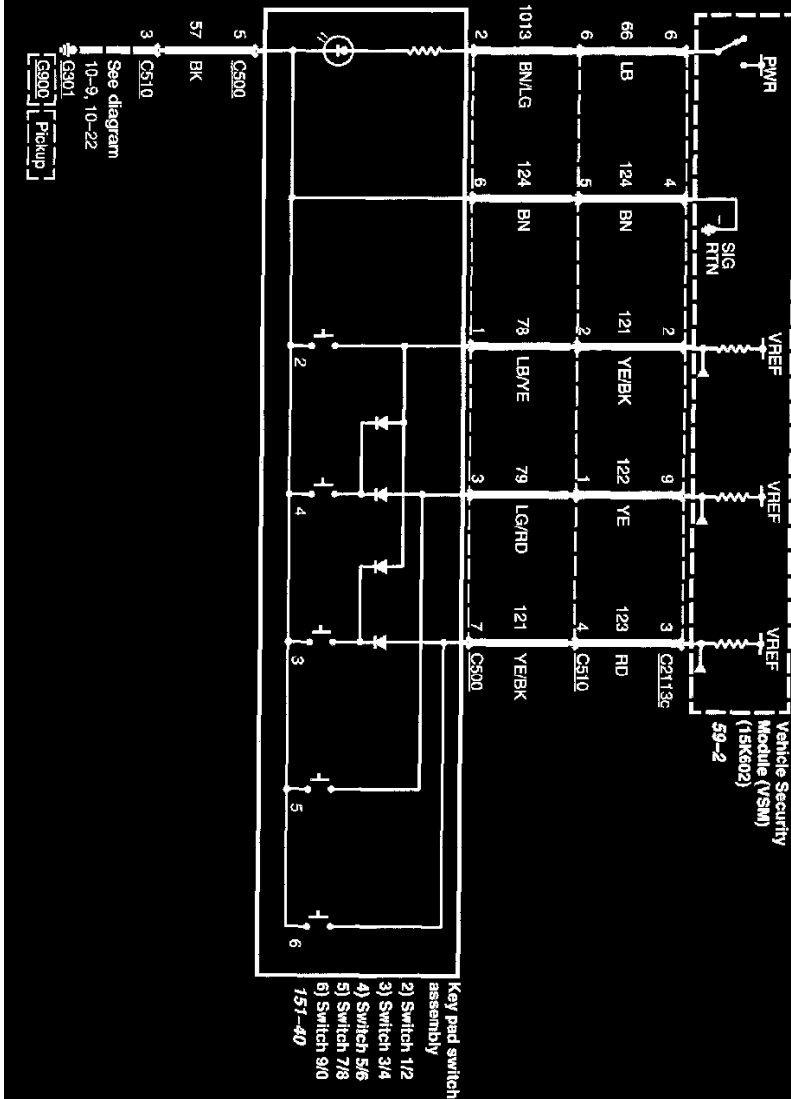
Antitheft and Alarm Systems

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





Except Early Production Pickup



117-3

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

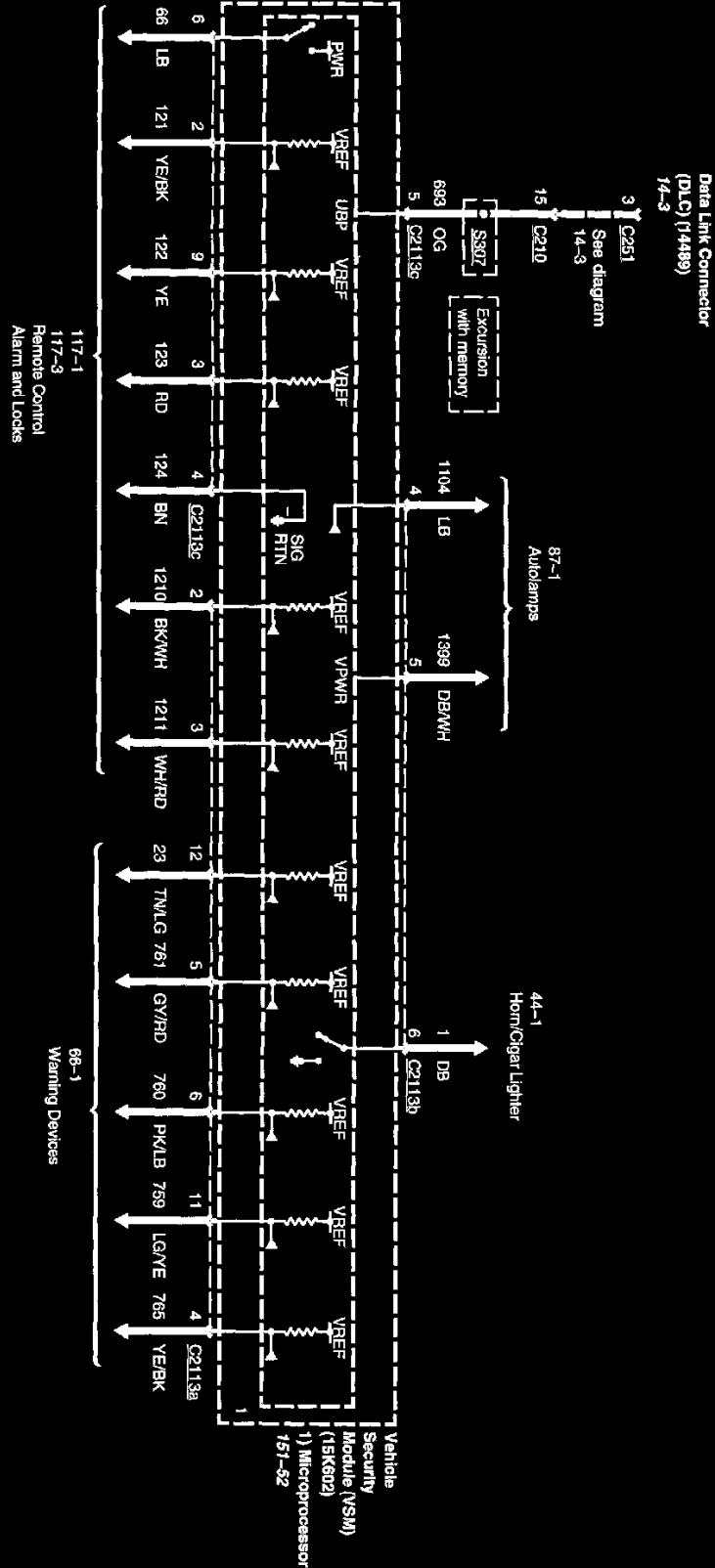
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Body Control Systems

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

[illegible]

Except Pickup without Remote Keyless Entry



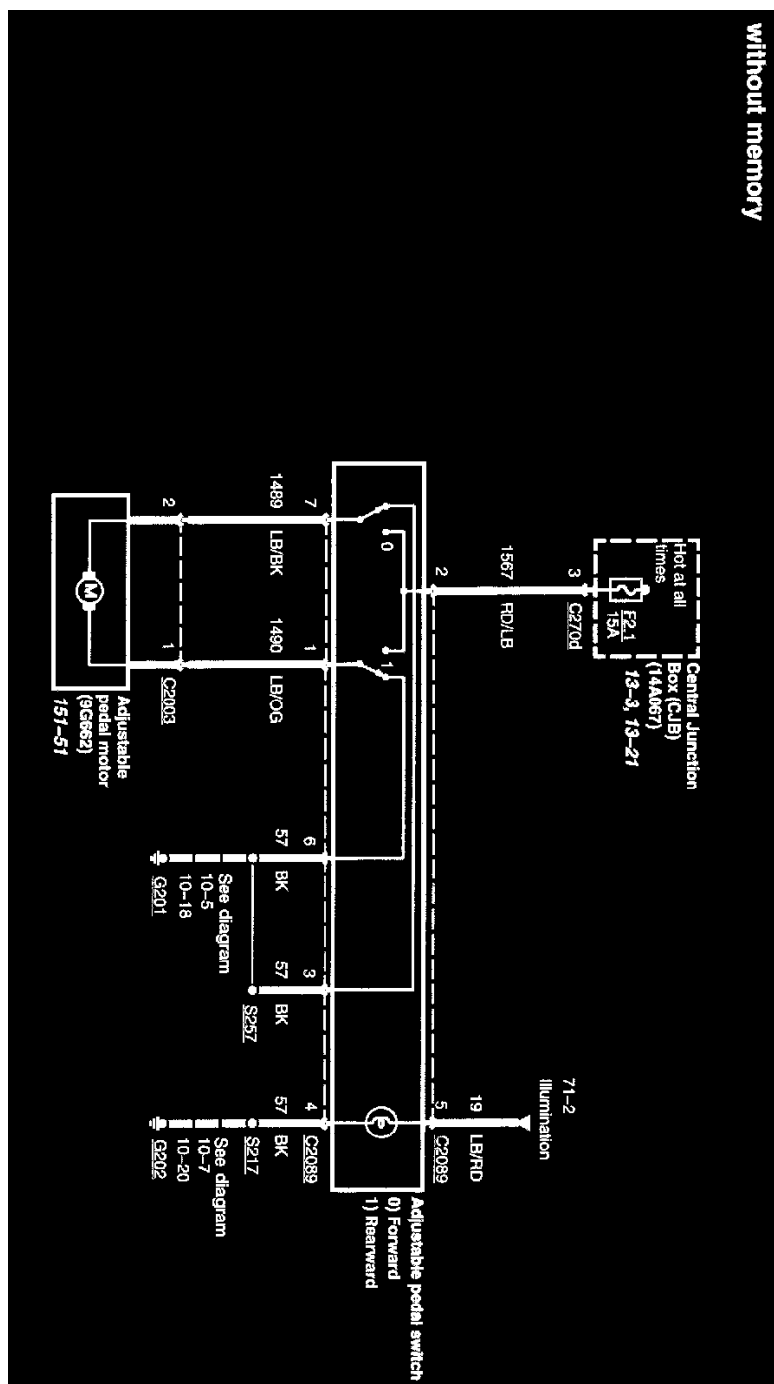
59-2

Diagrams: Other diagrams referred to by number (See Diagram #-#-, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Brake Pedal Assy
ADJUSTABLE PEDAL

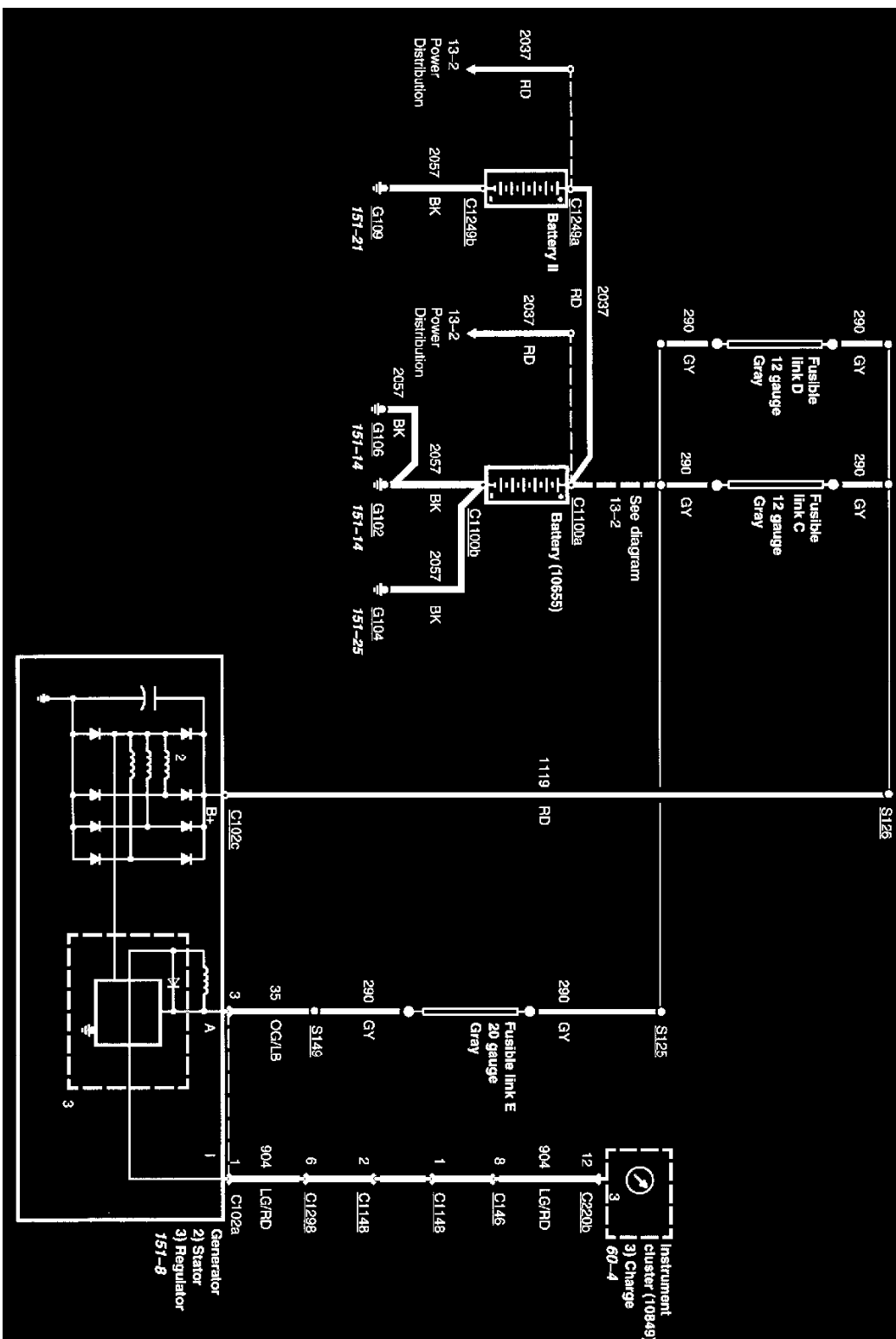
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



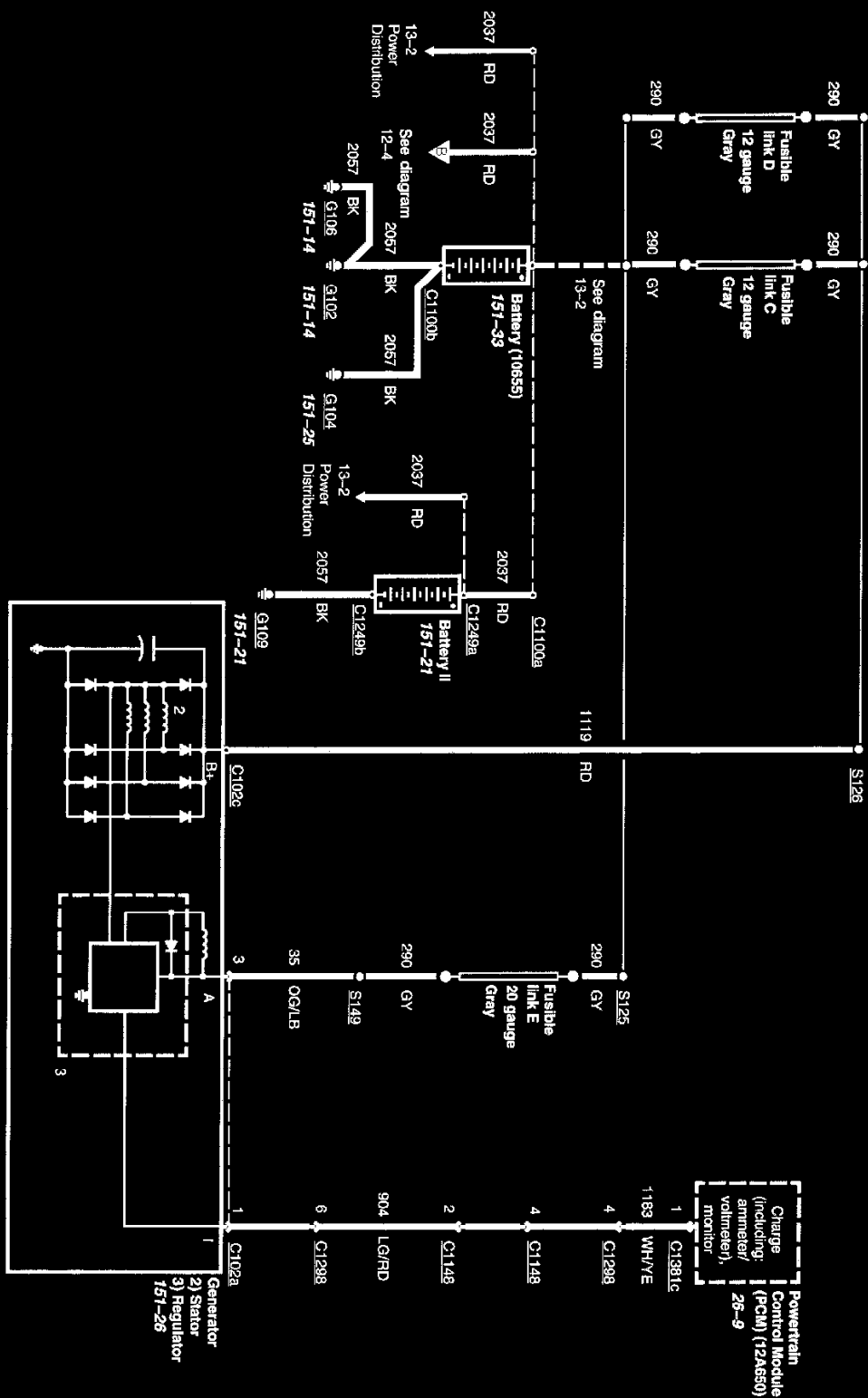


PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

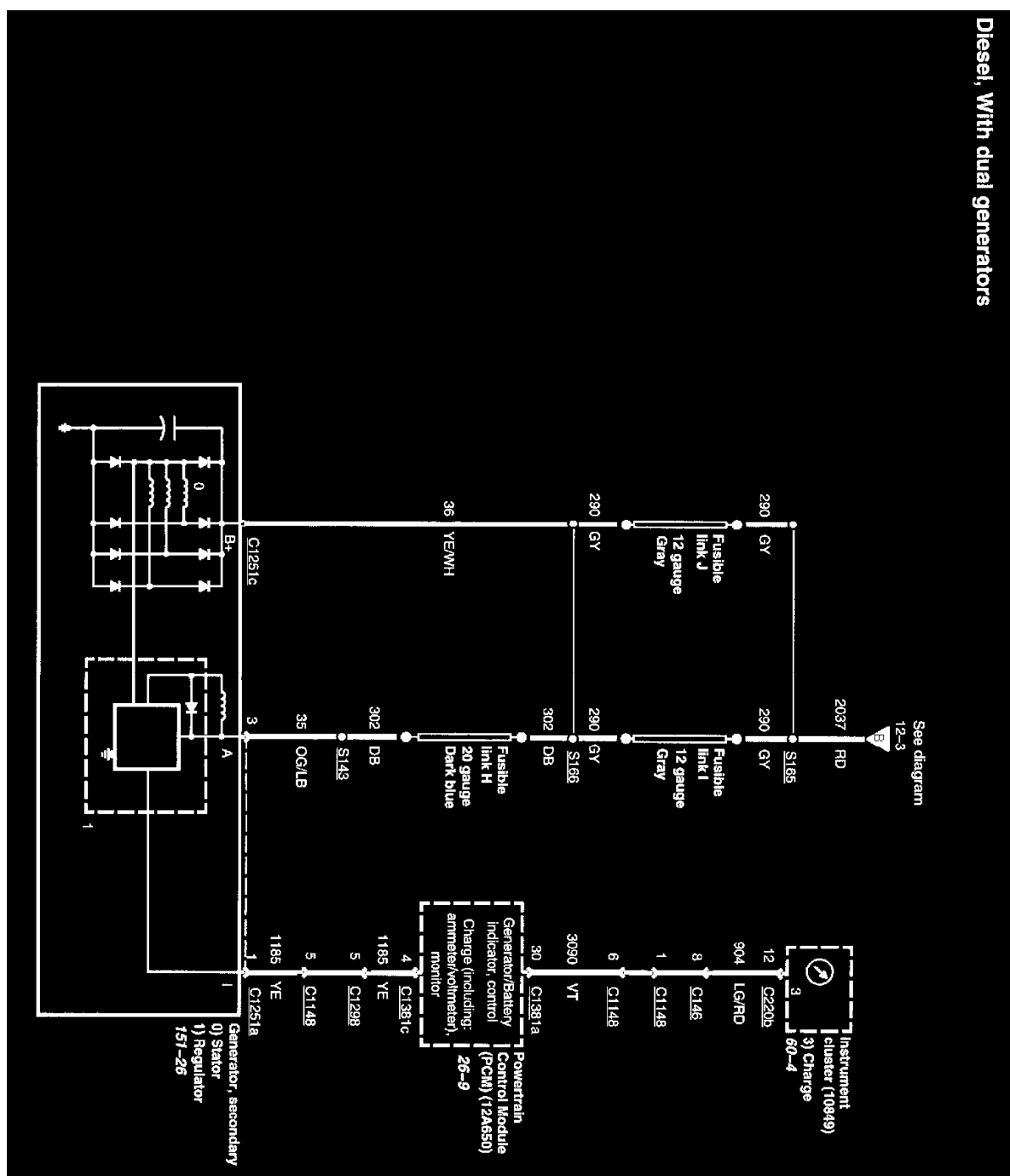
Diesel with single generator



Diesel, With dual generators



Diesel, With dual generators



12-4

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

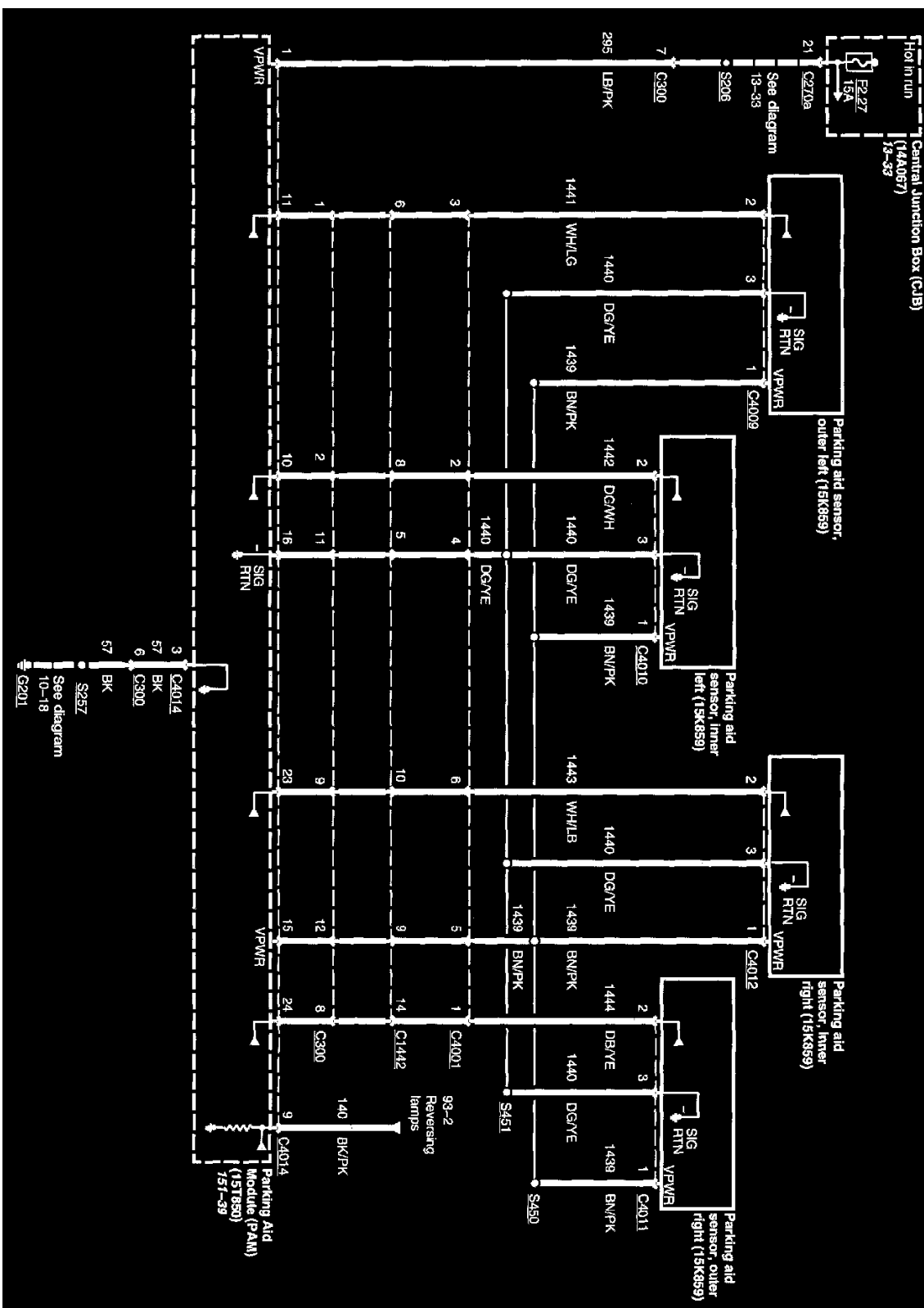
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Collision Avoidance and Parking Assist Systems

PARKING AID

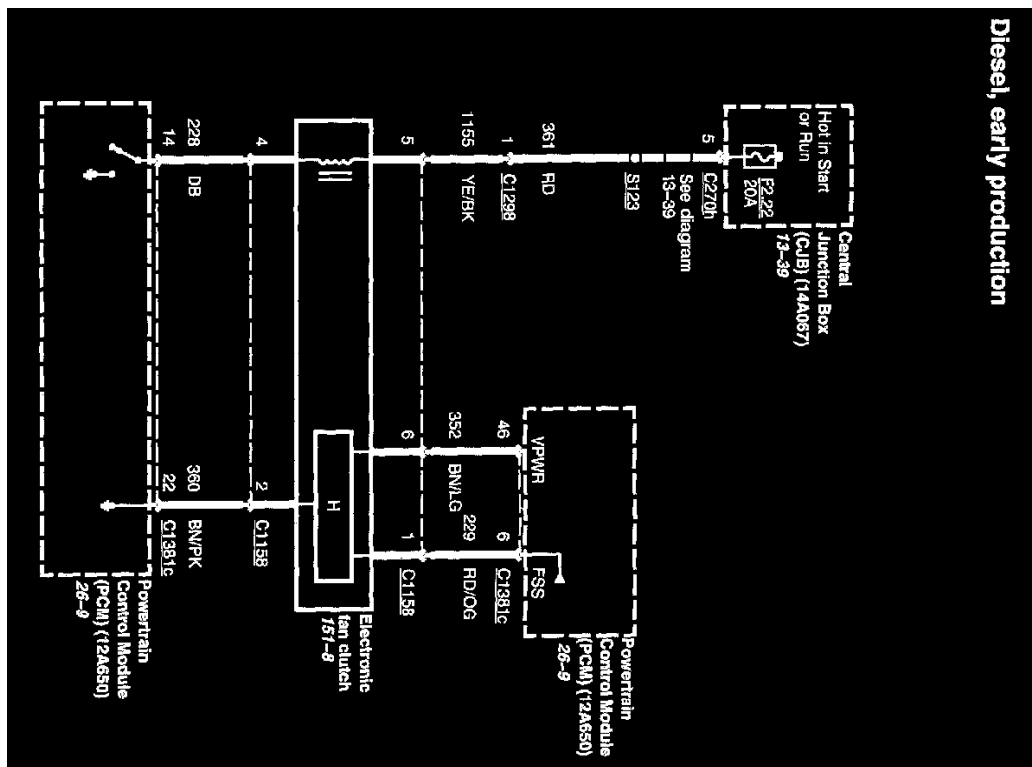
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup

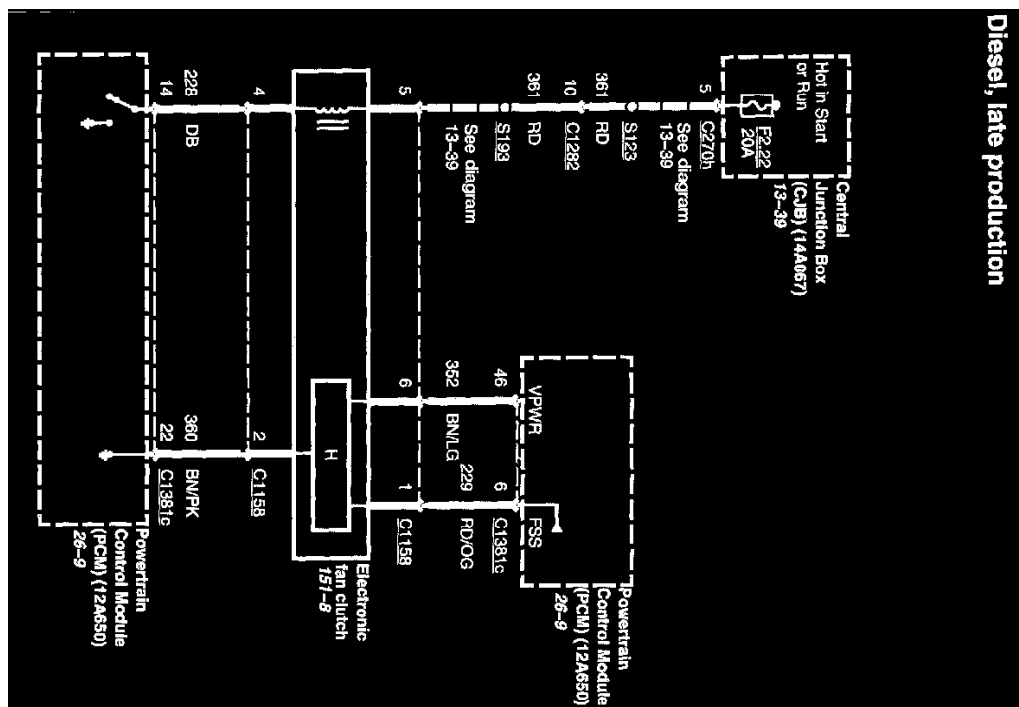




PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



33-1



33-1

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Cruise Control

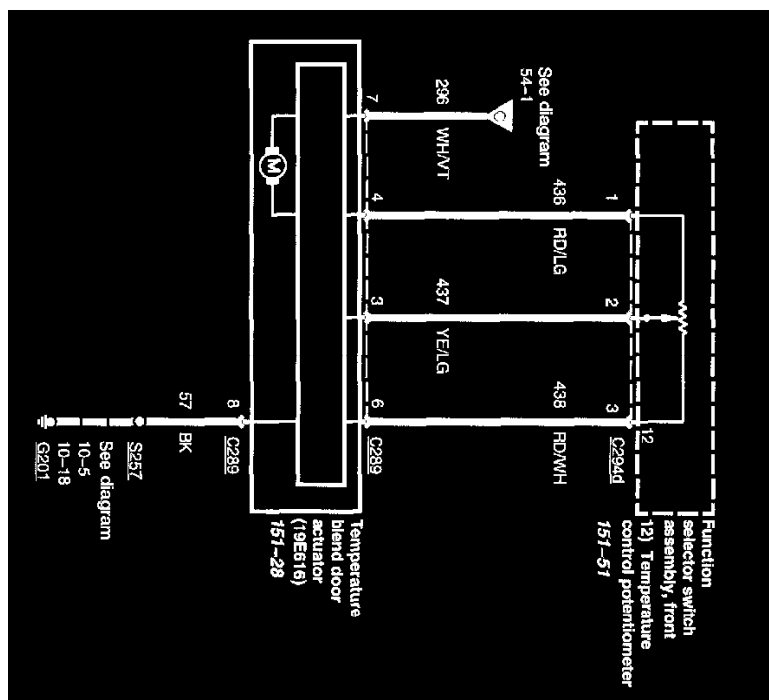
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



[illegible]



54-4

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

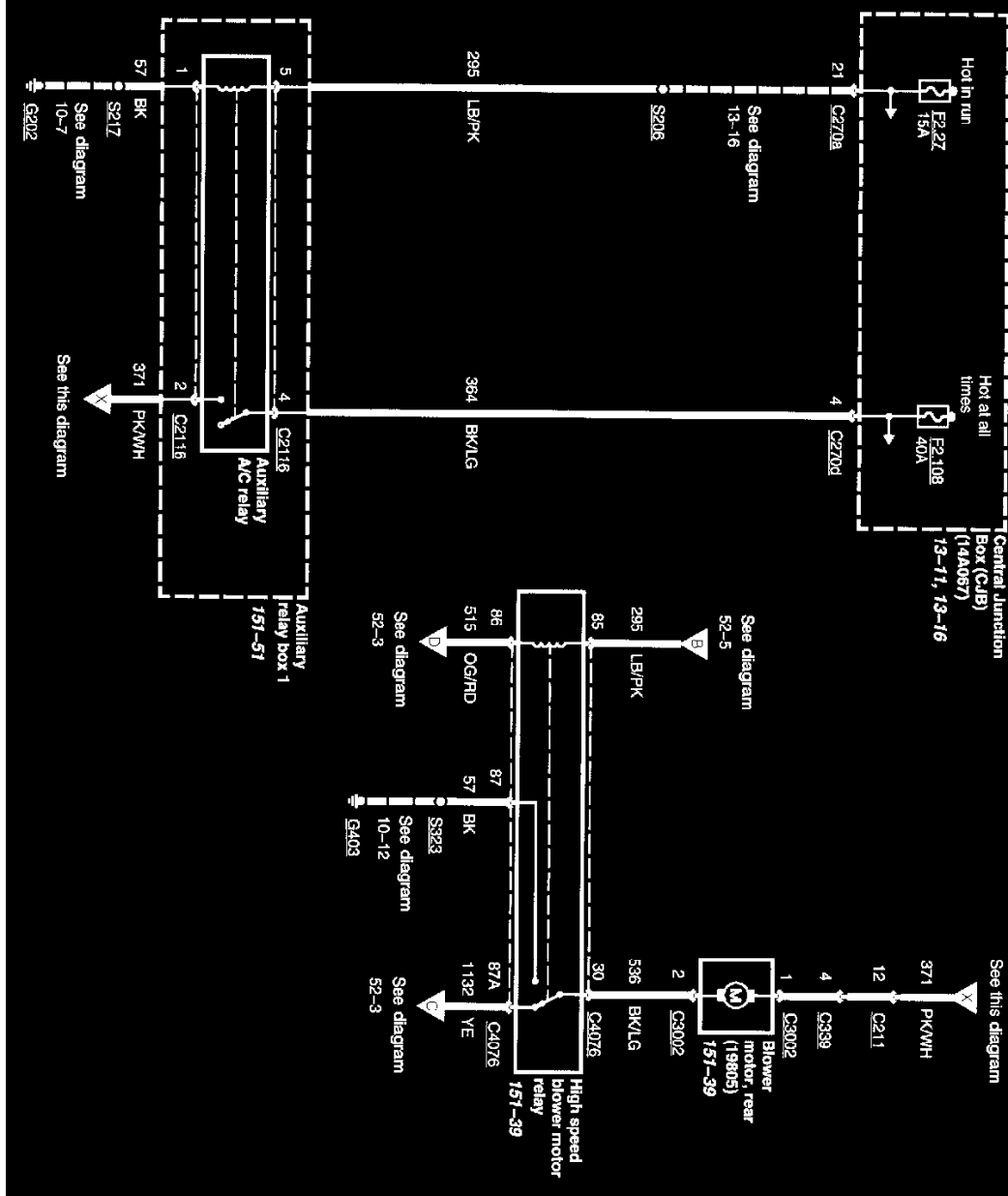
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

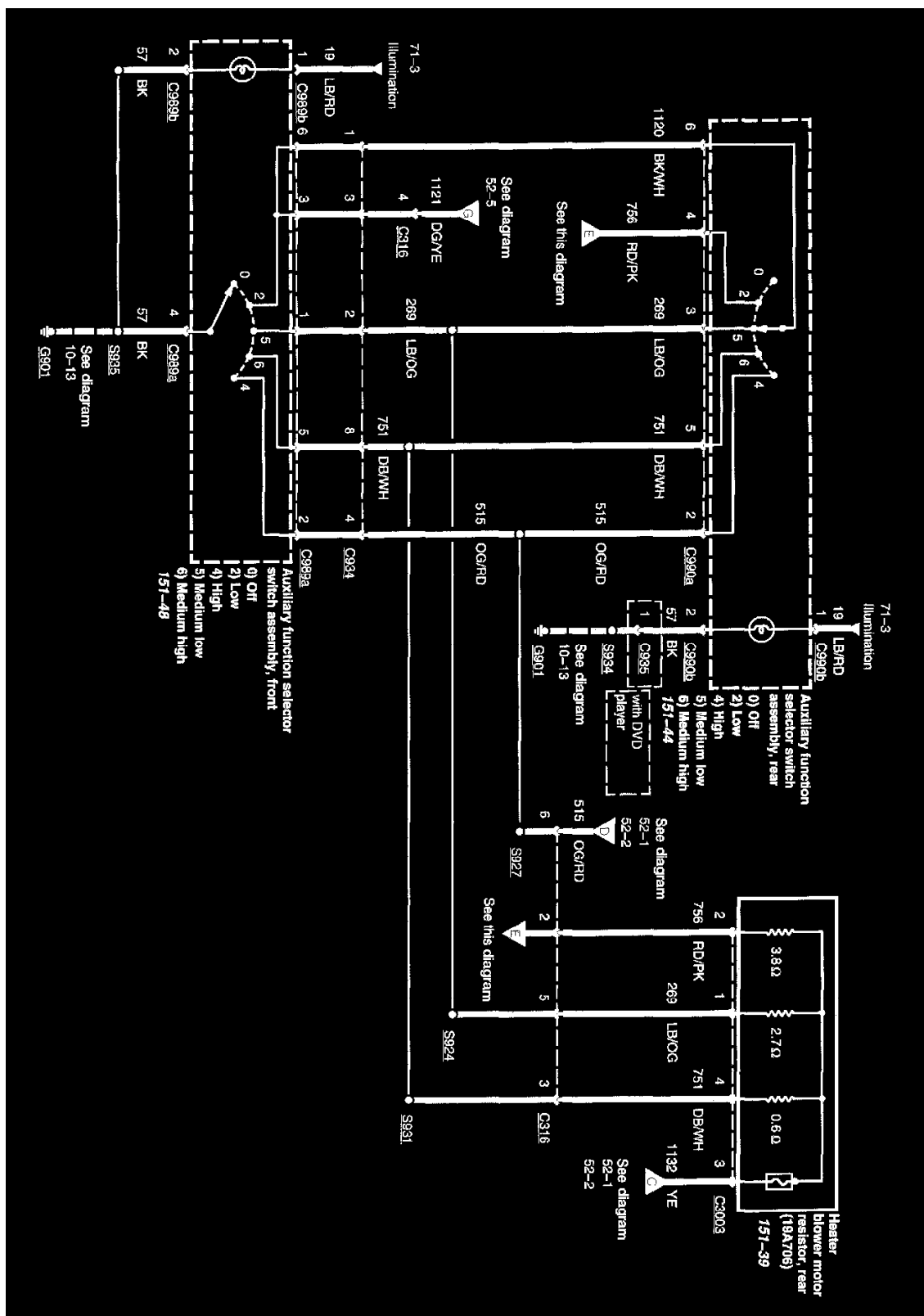
Auxiliary Air Conditioner/Heater

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

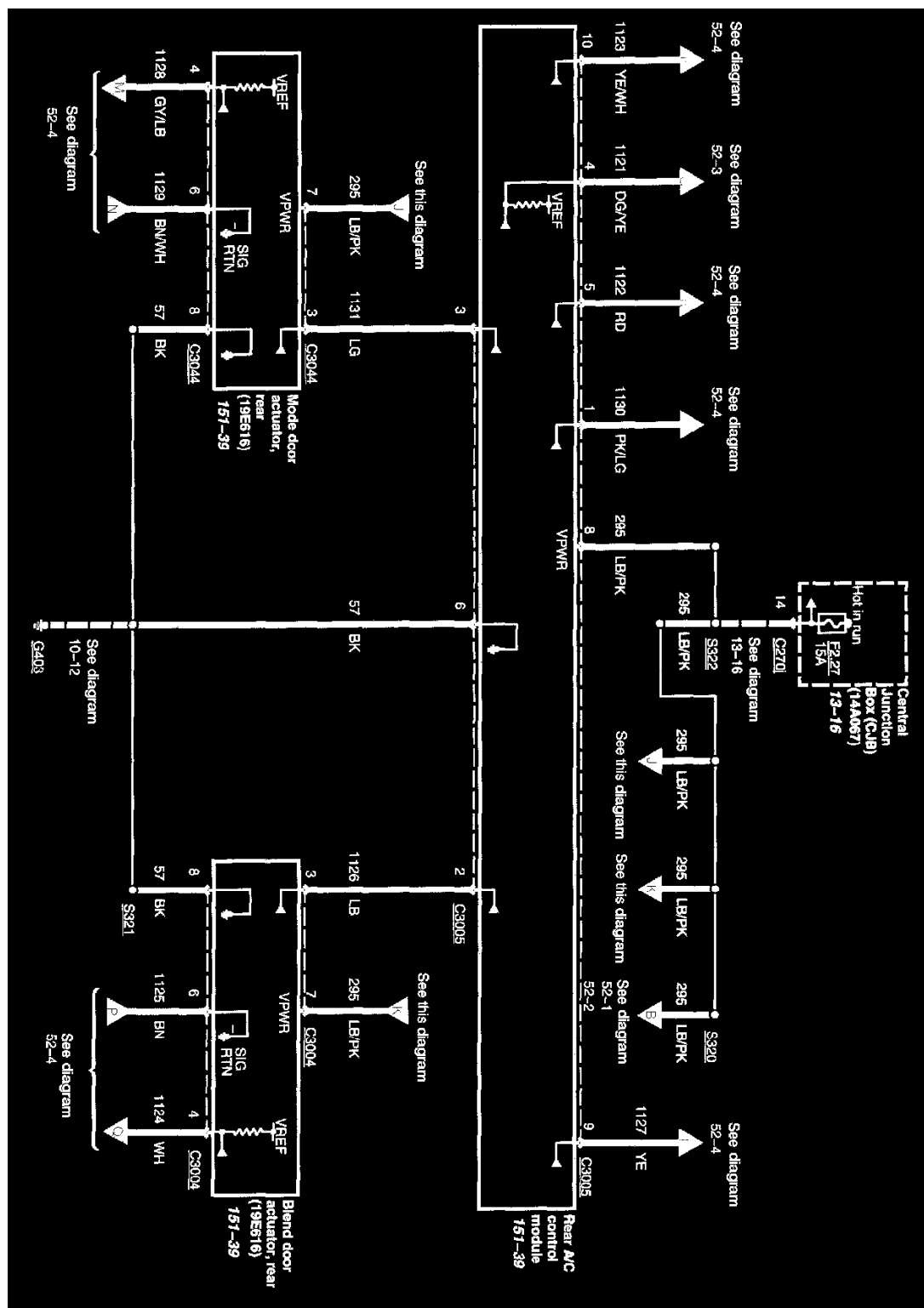
52-1

with EATC









52-5

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

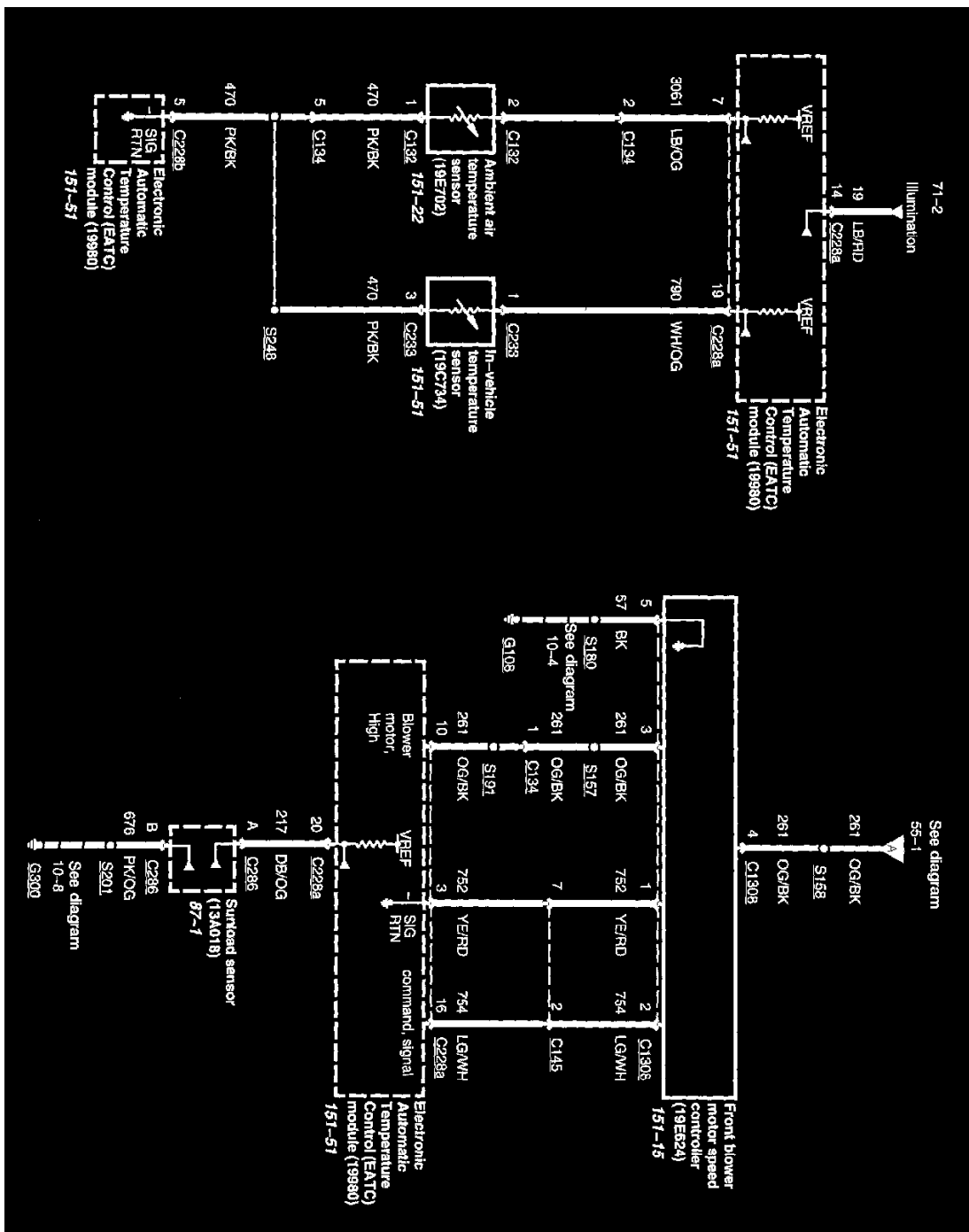
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Electronic Automatic Temperature Control

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



55-3





Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

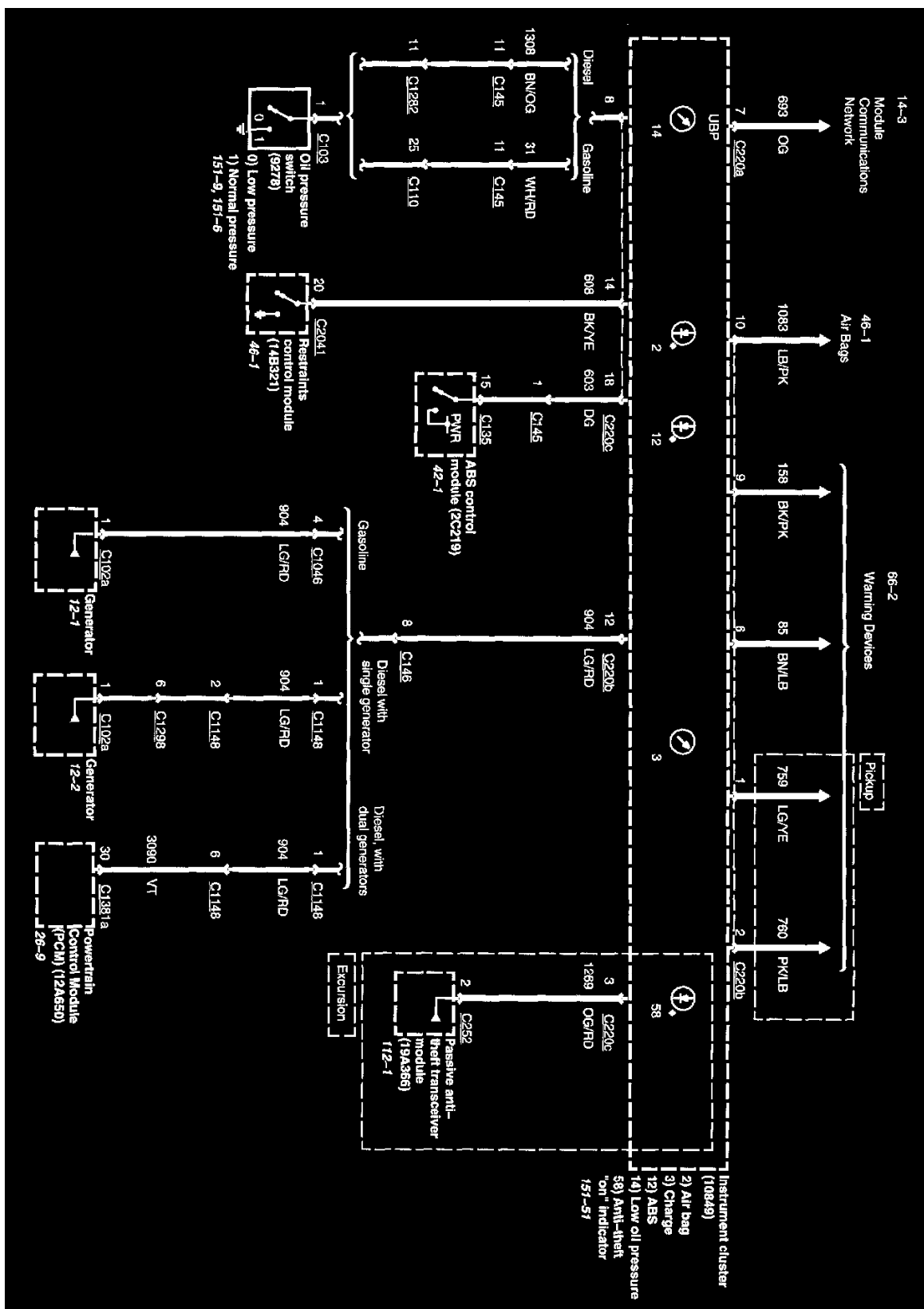
Instrument Cluster

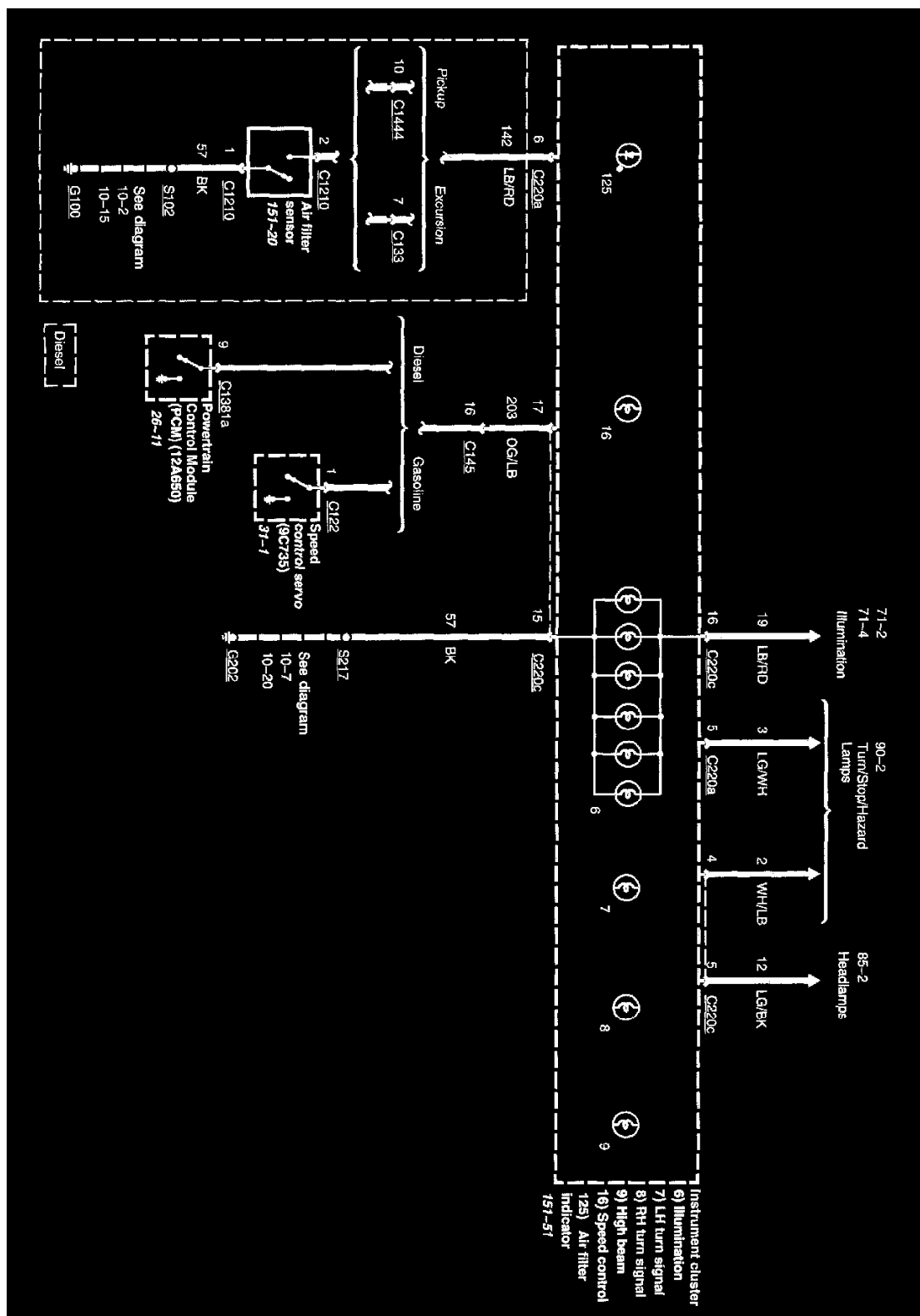
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

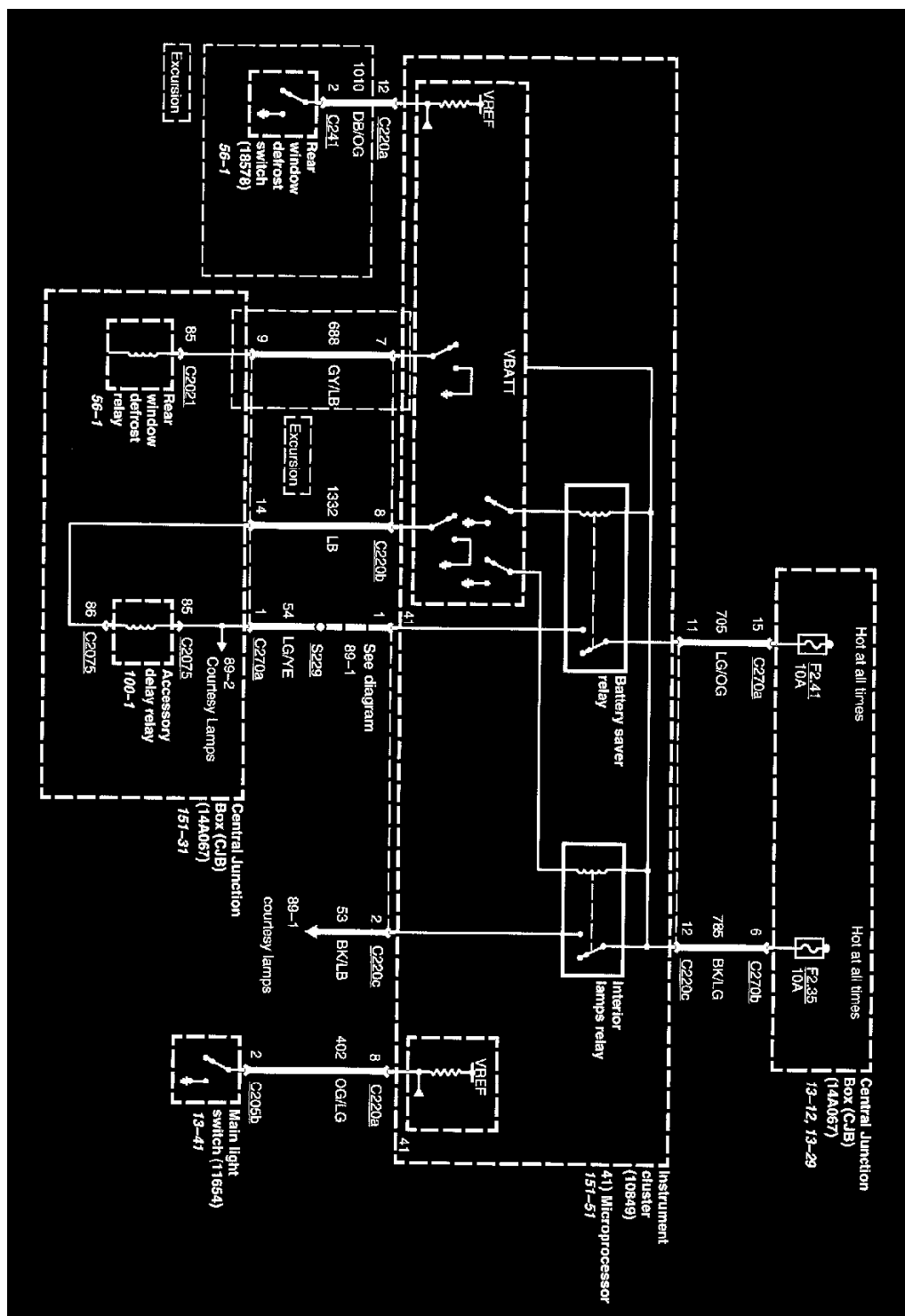












60-6

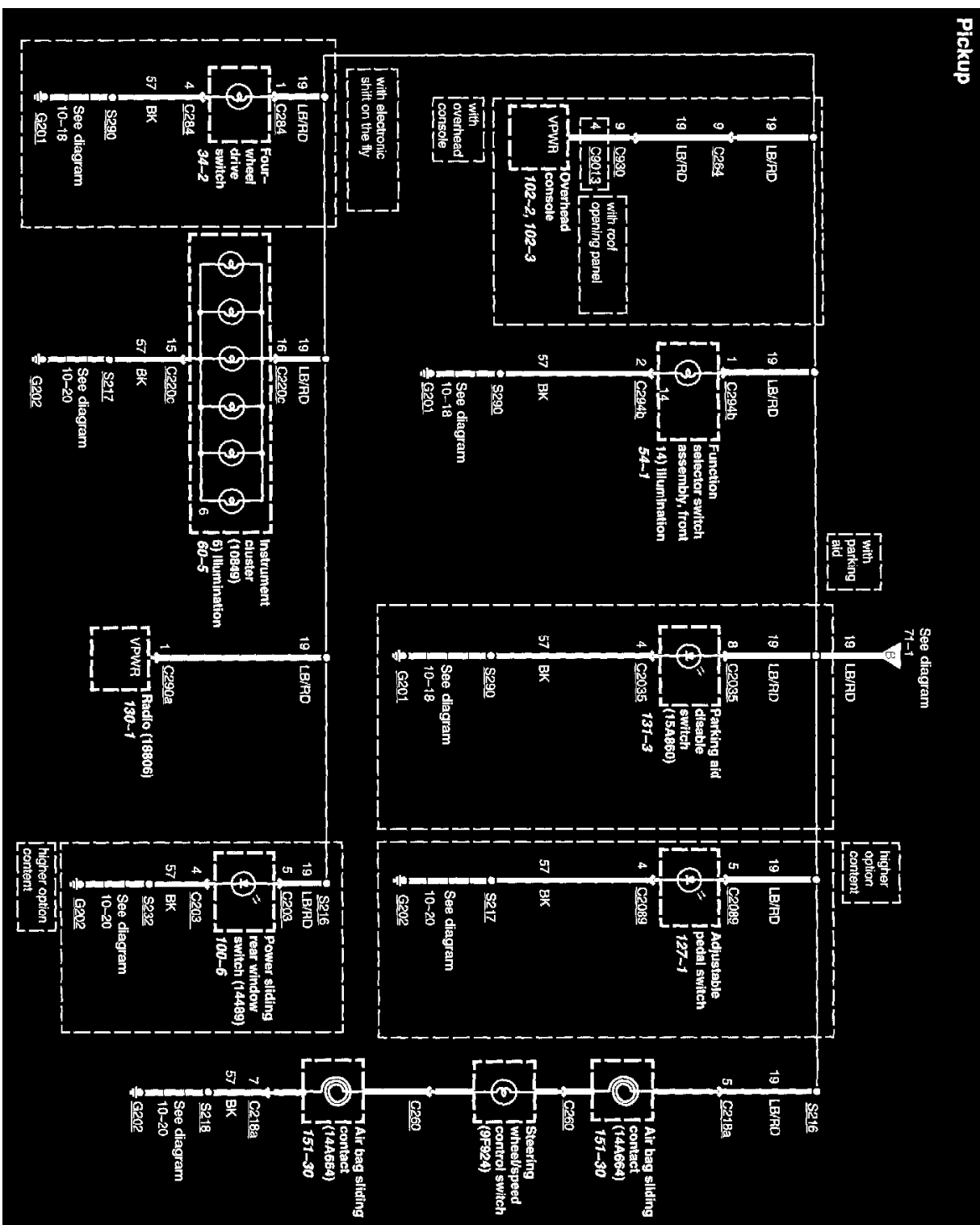
Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Instrument Illumination

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





71-4

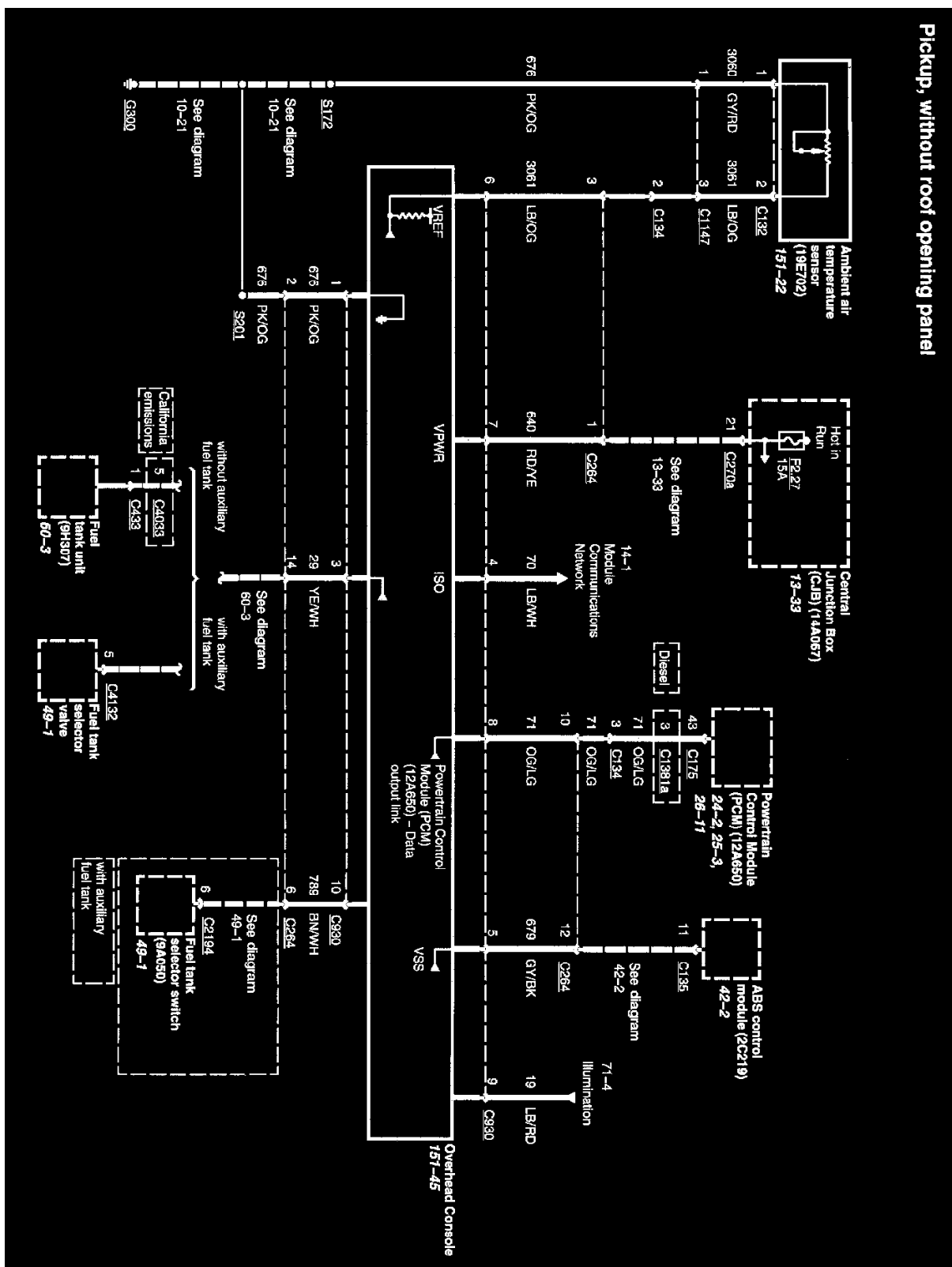
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

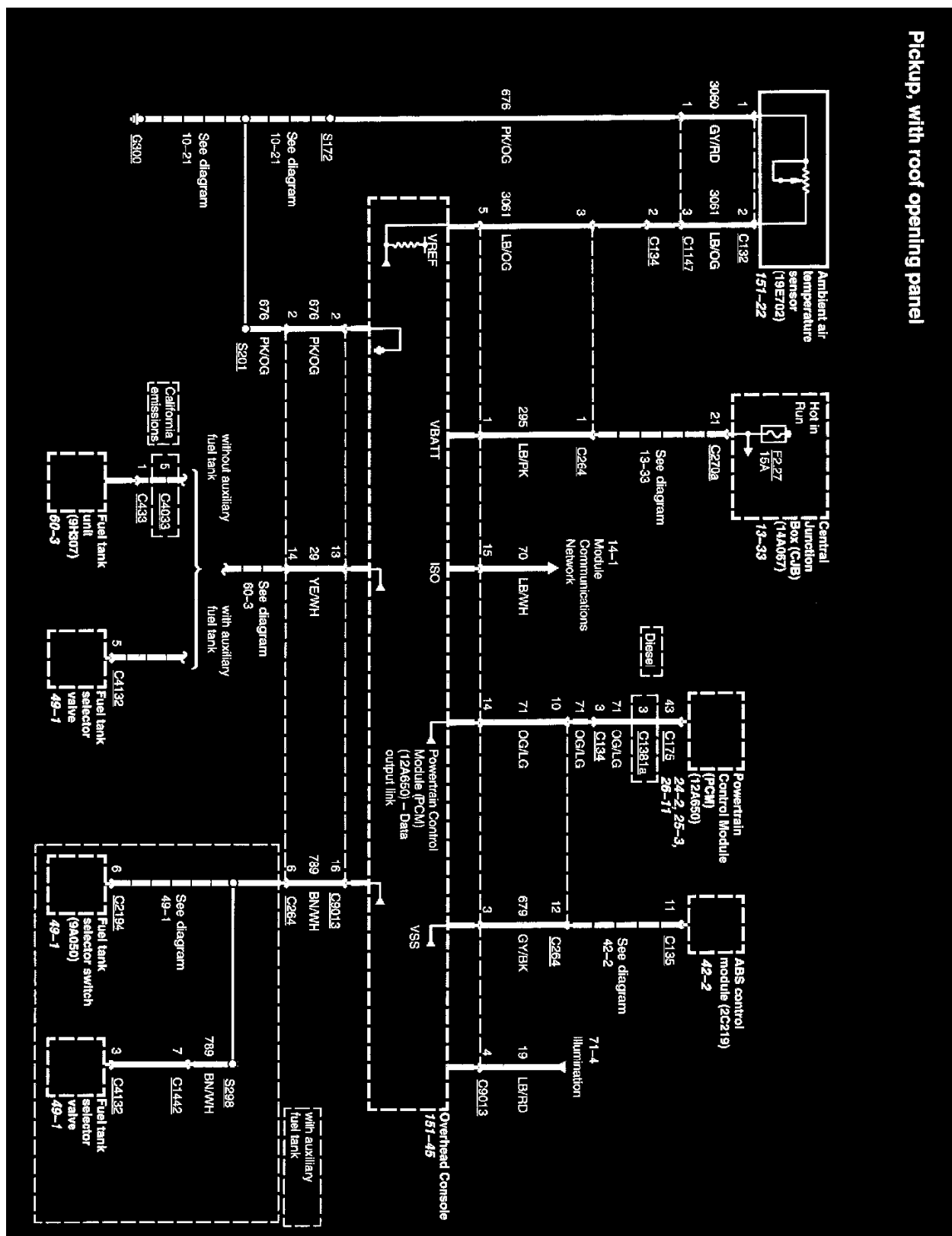
Overhead Console

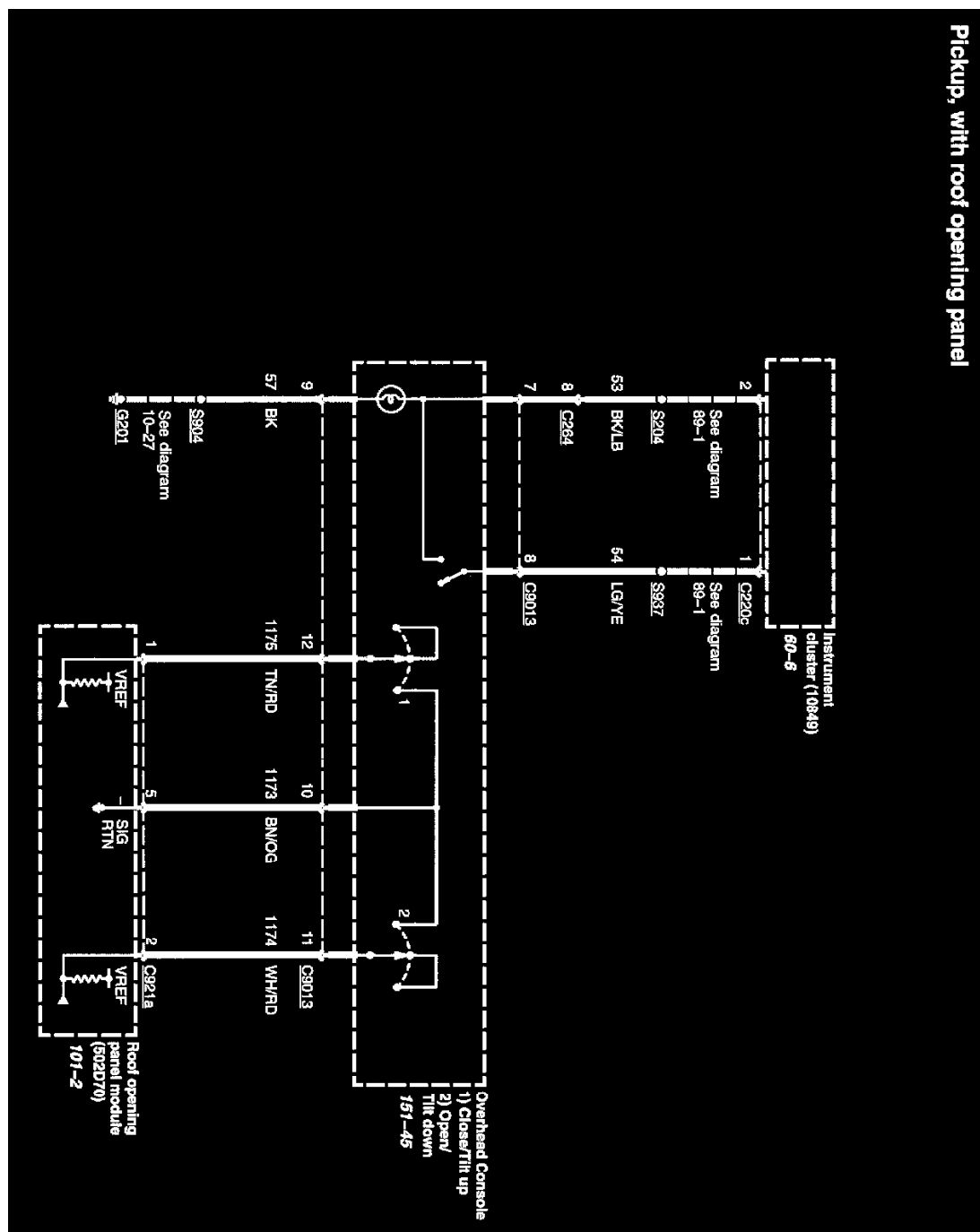
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup, without roof opening panel



Pickup, with roof opening panel





102-4

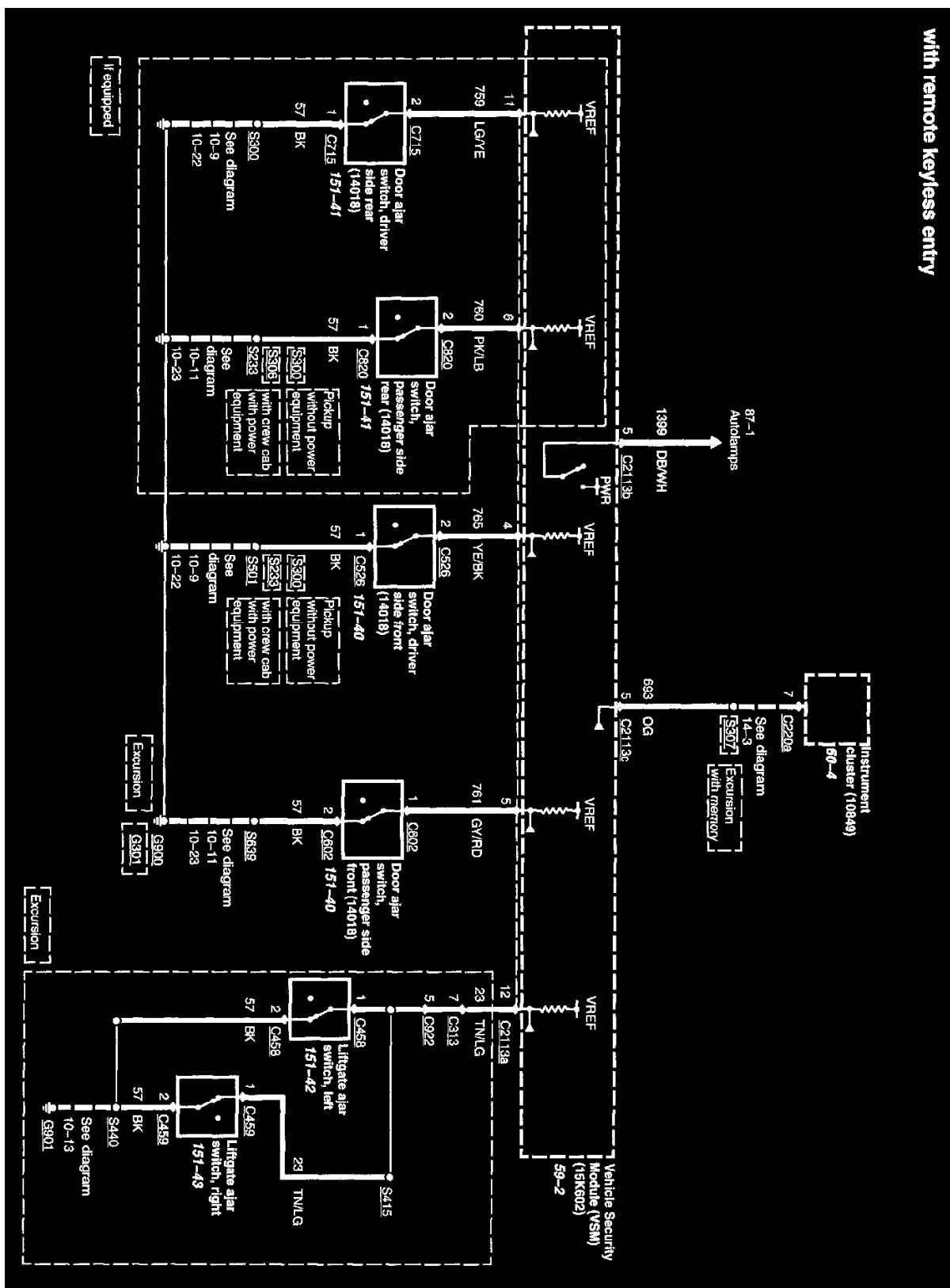
Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Warning Devices

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

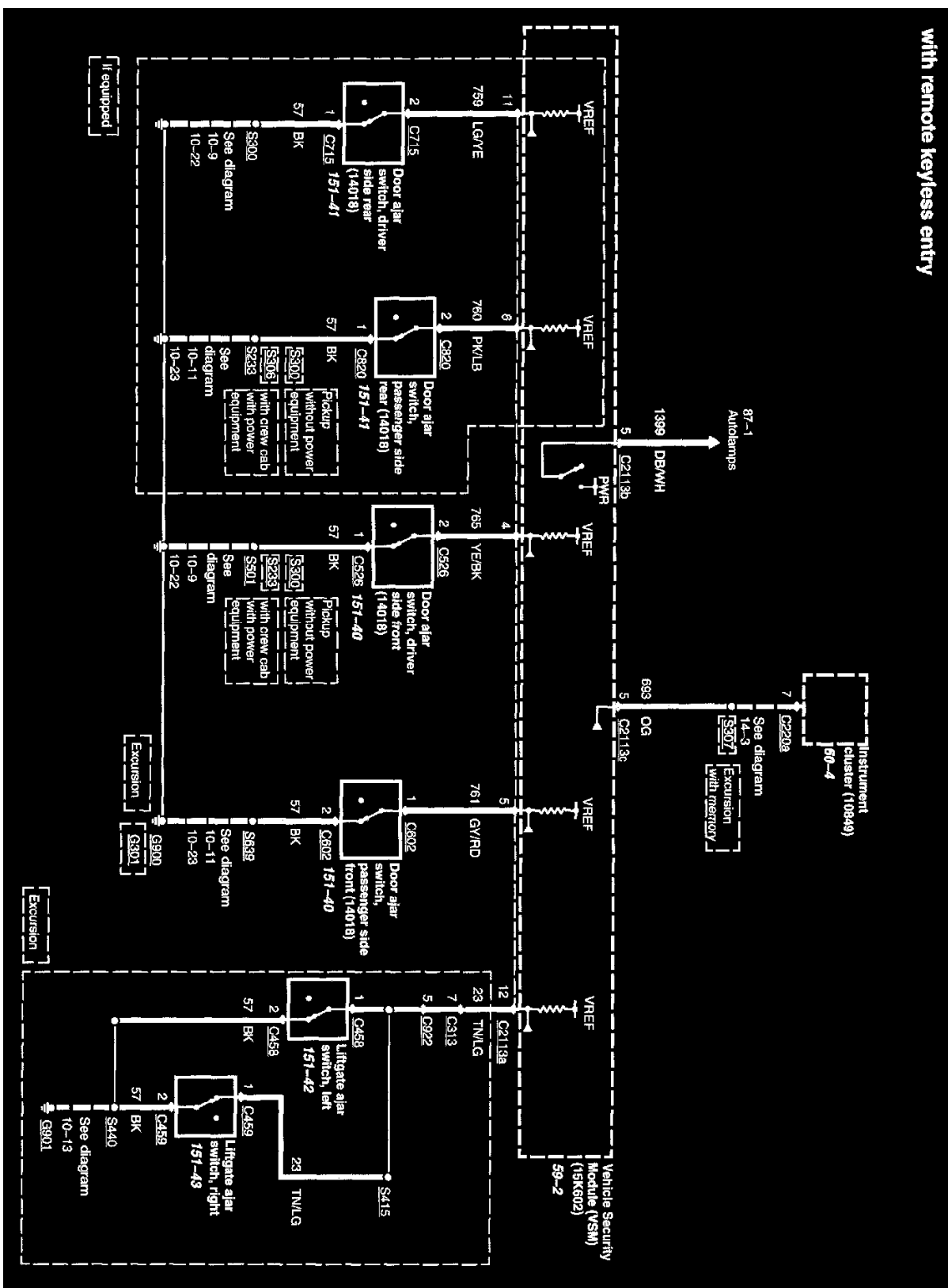
with remote keyless entry





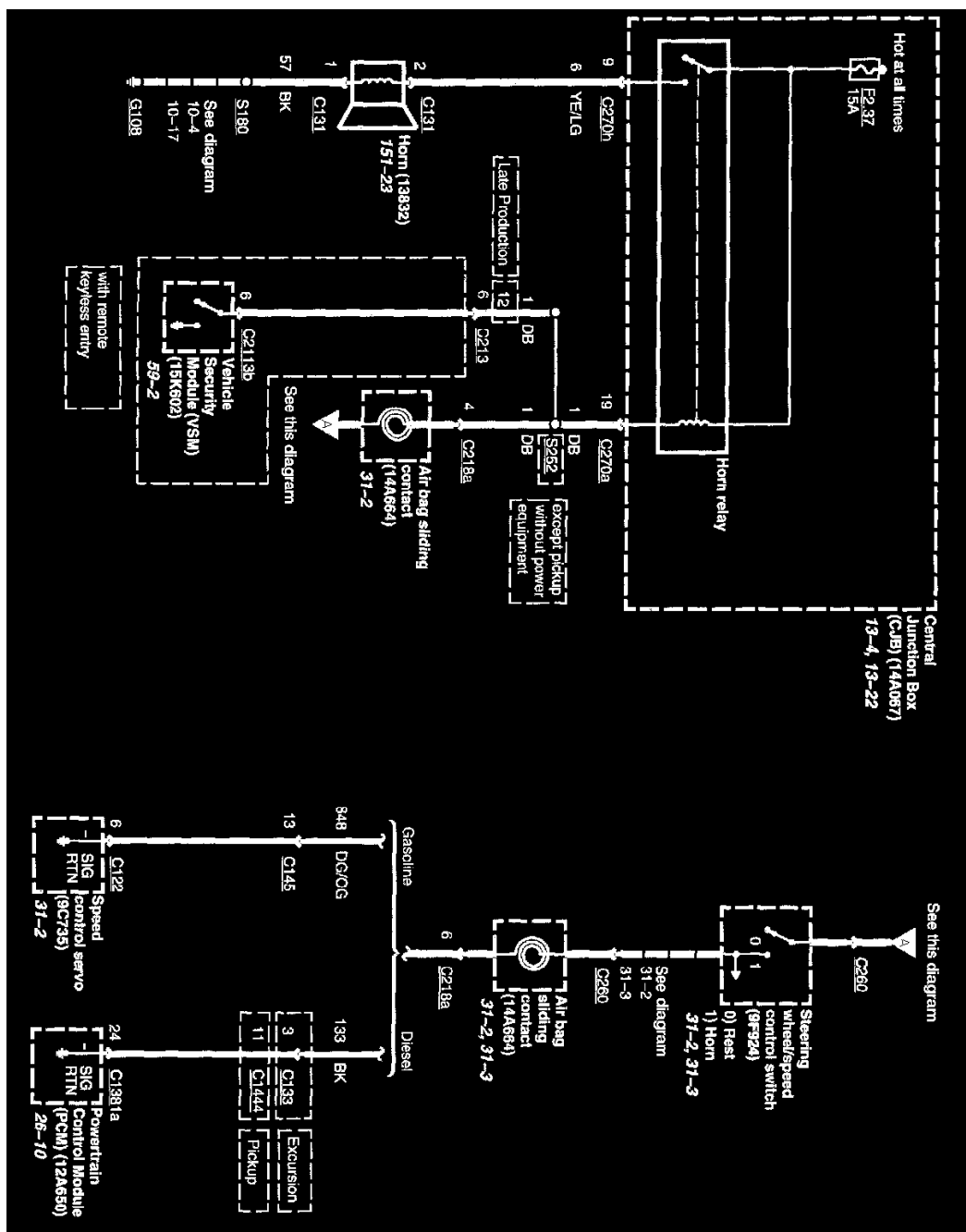
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

with remote keyless entry





PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup, Diesel only

Hot in Run
Box (C18)
(14A067)
E233
13-36
13A

Central Junction

Overhead console
102-2, 102-3

See diagram
13-36

See diagram
1002 BK/PK

789 BNWH

16 C980
C9013
with roof
opening panel

6 C264

789 BNWH

See diagram
49-2

789 BNWH

7 C298

3 BNWH

2 RD

789 RD

6 C2194

57 BK

S290

See diagram
10-18

G201

See diagram
49-2

29 YE/WH

5 C4132

Fuel tank
selector valve

6 C4132

675 YELB

2 C433

Fuel
sender,
primary
151-46

4 C3095

673 DBYE

2 C3095

Fuel
sender,
secondary

4 C3095

396 BK/OG

4 C433

396 BK/OG

S400

11 C1442

See diagram
49-2

Pickup, Diesel only

See diagram
49-1

396 BK/OG
See diagram
49-1

11 789 EN/WH
See diagram
49-1

29 YEMH
See diagram
49-1

1 C1442
See diagram
49-1

60-3
See diagram

S208

C220a

Instrument cluster (10849)

SIG
RTN

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Keyless Entry

REMOTE CONTROL ALARM AND LOCKS

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





INSTRUMENT ILLUMINATION

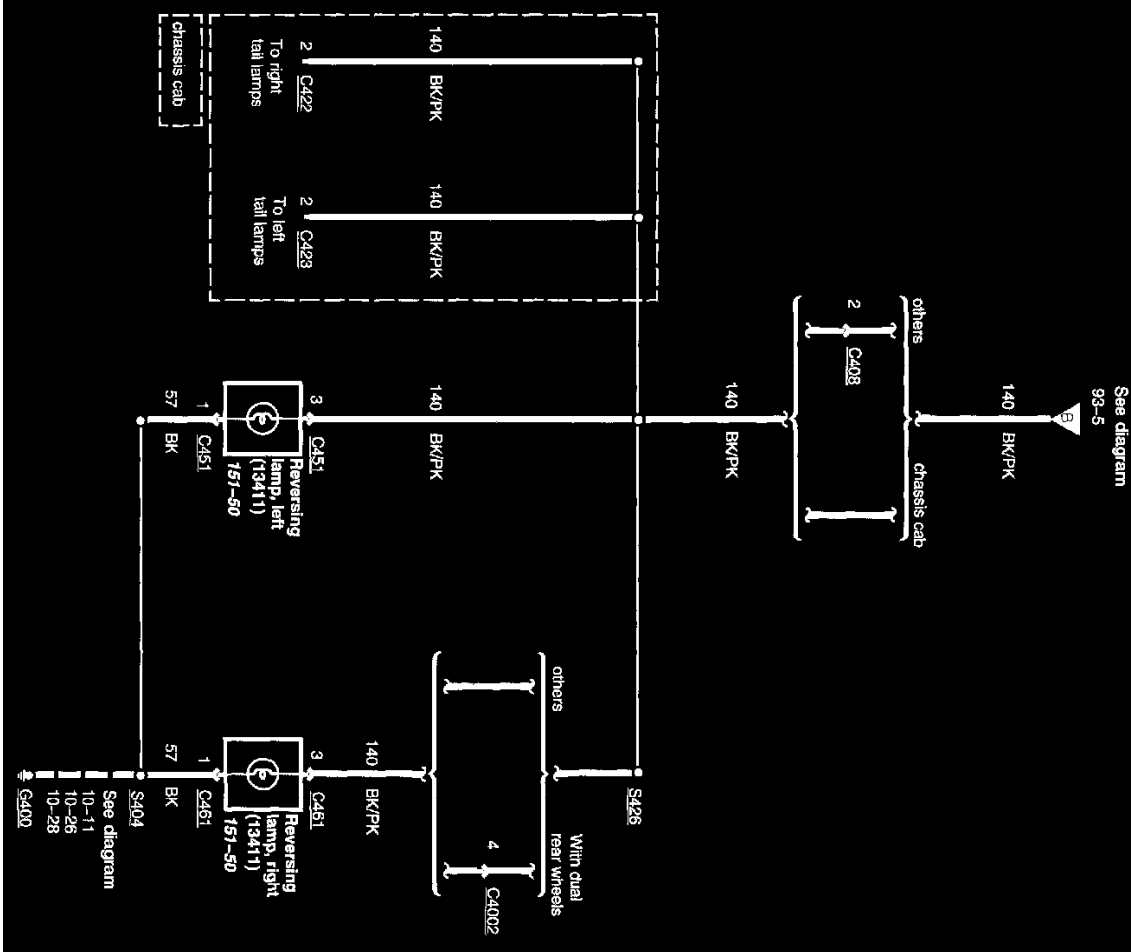
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do





PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

[illegible]



93-6

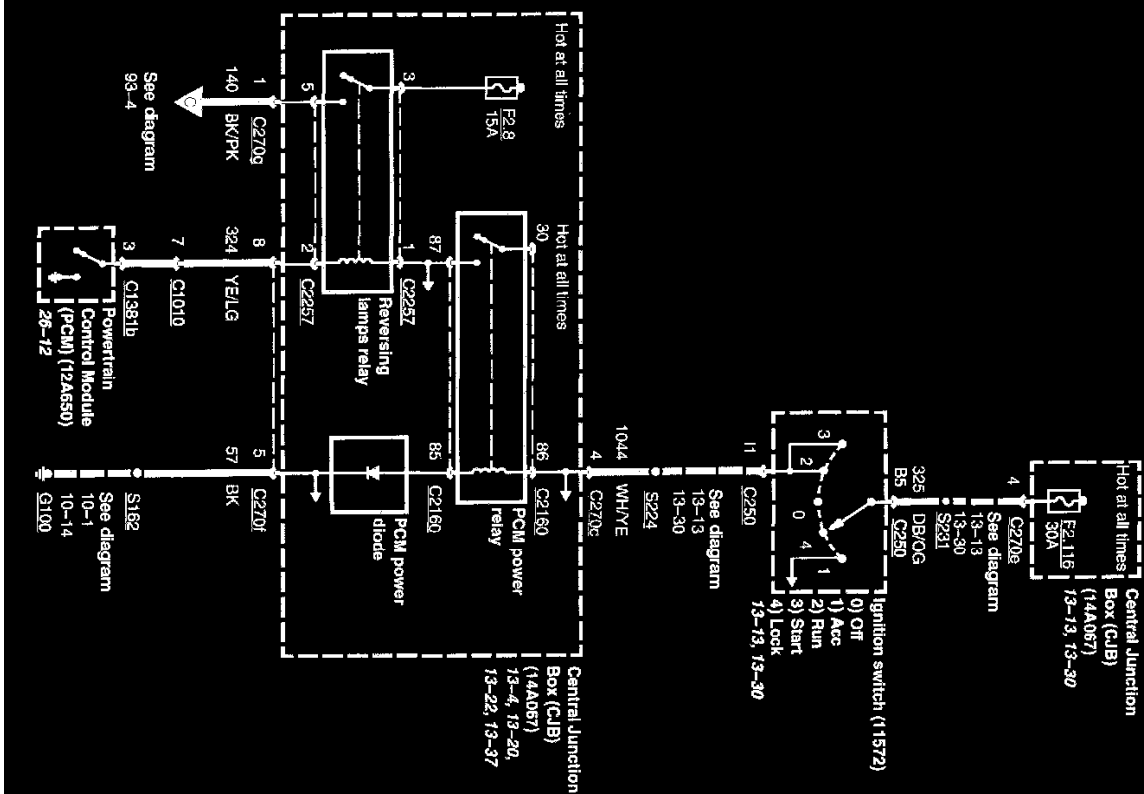
Diagrams: Other diagrams referred to by number (See Diagram #-#-, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Automatic Transmission

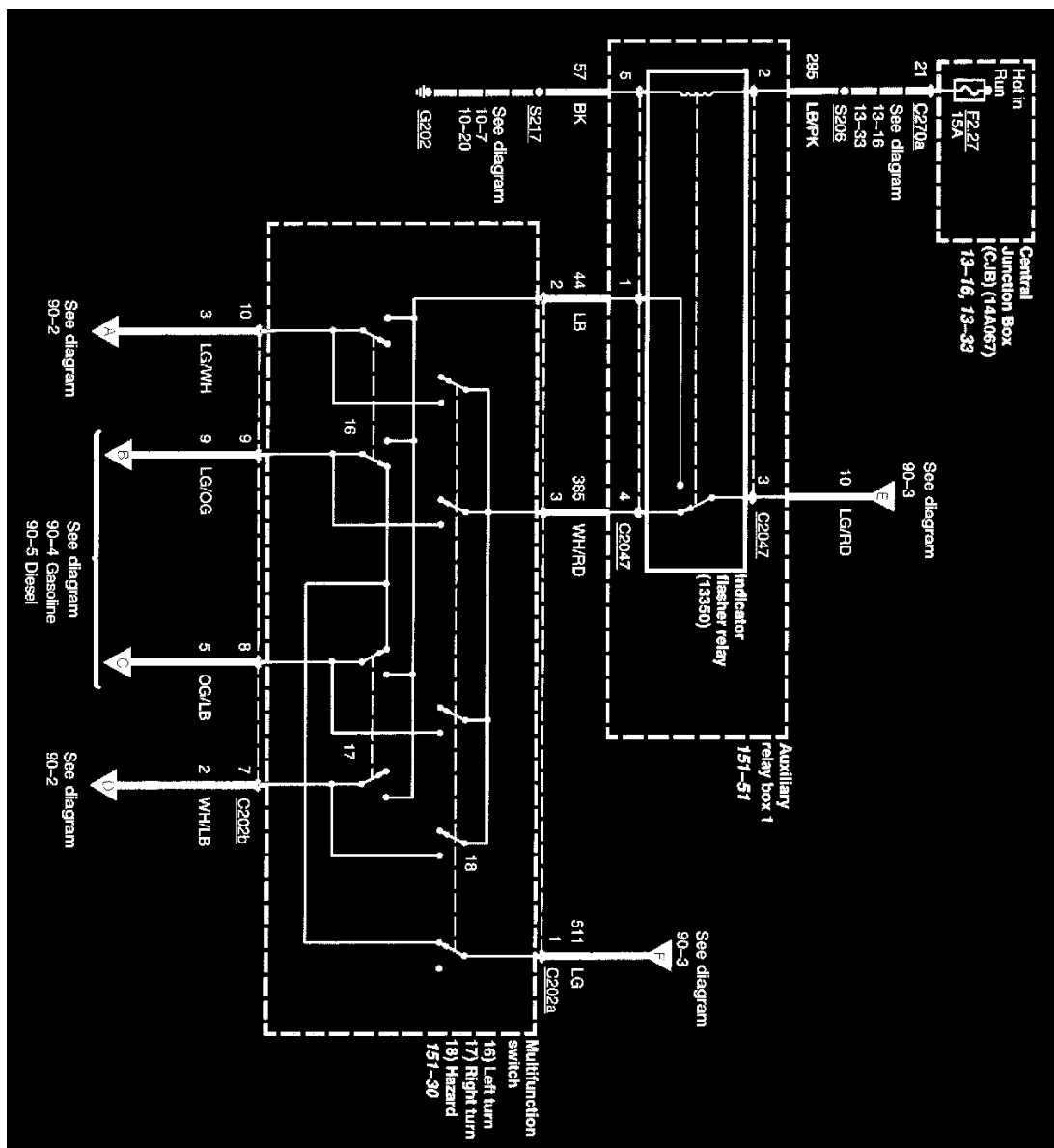
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

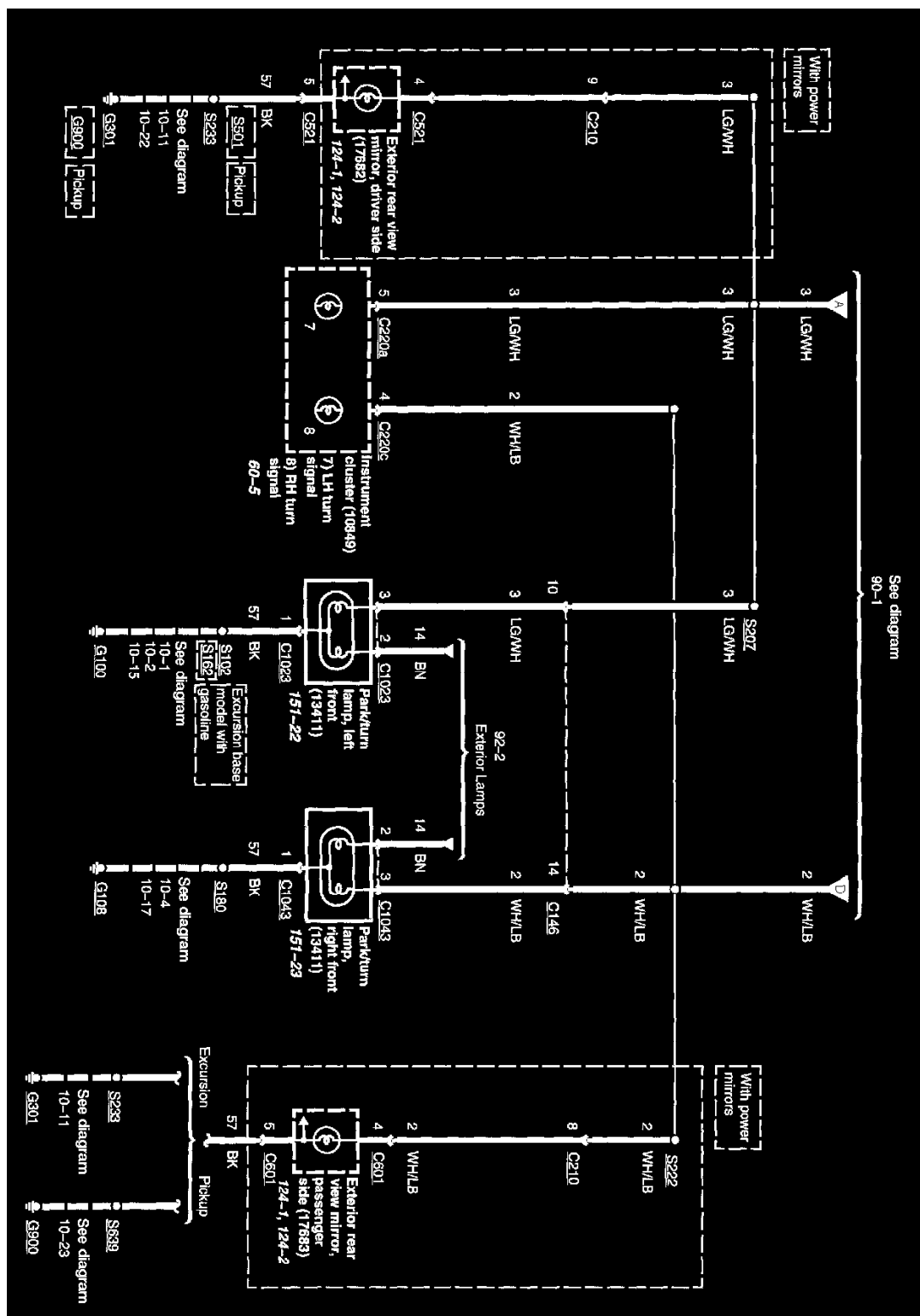
Diesel, with Automatic Transmission





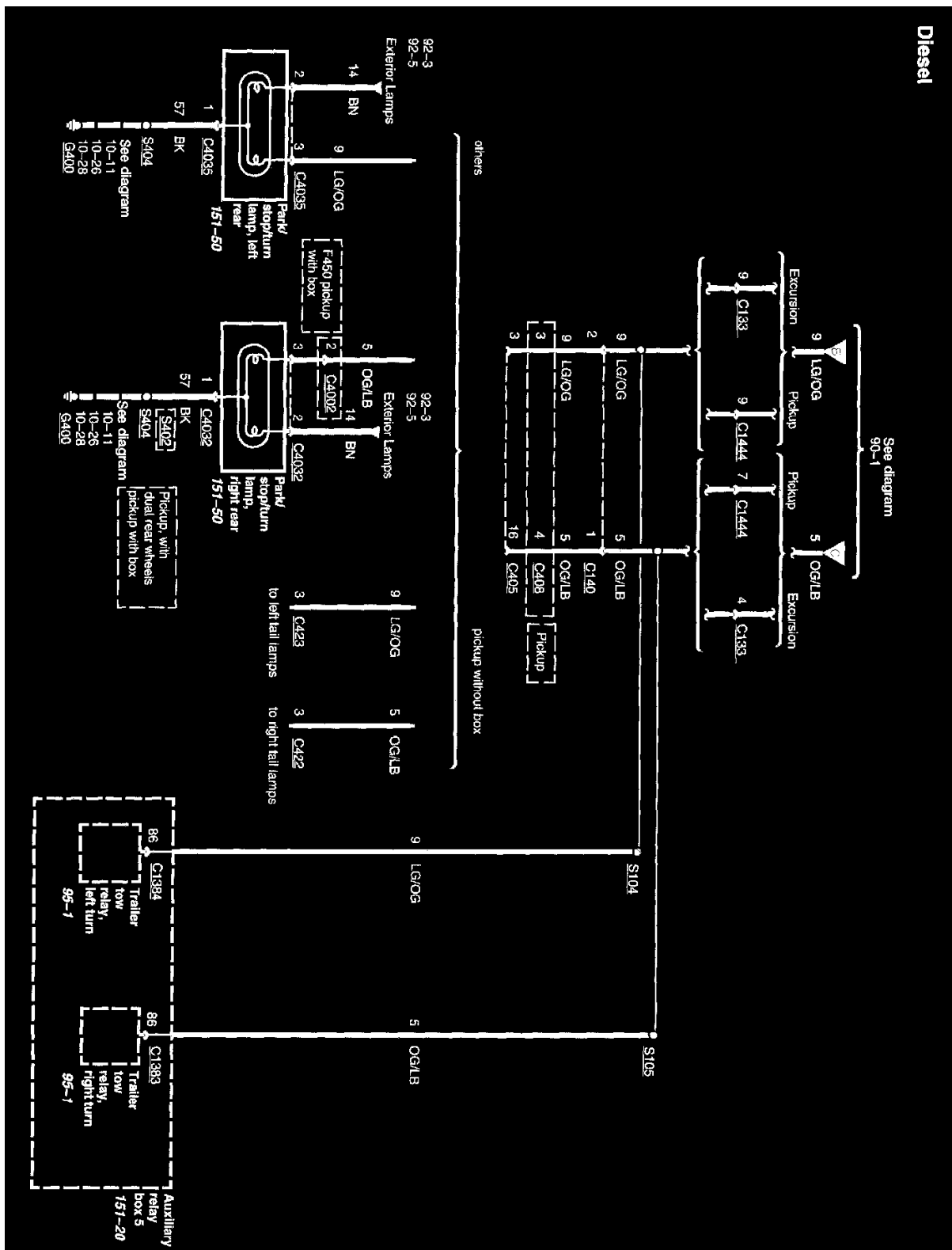
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



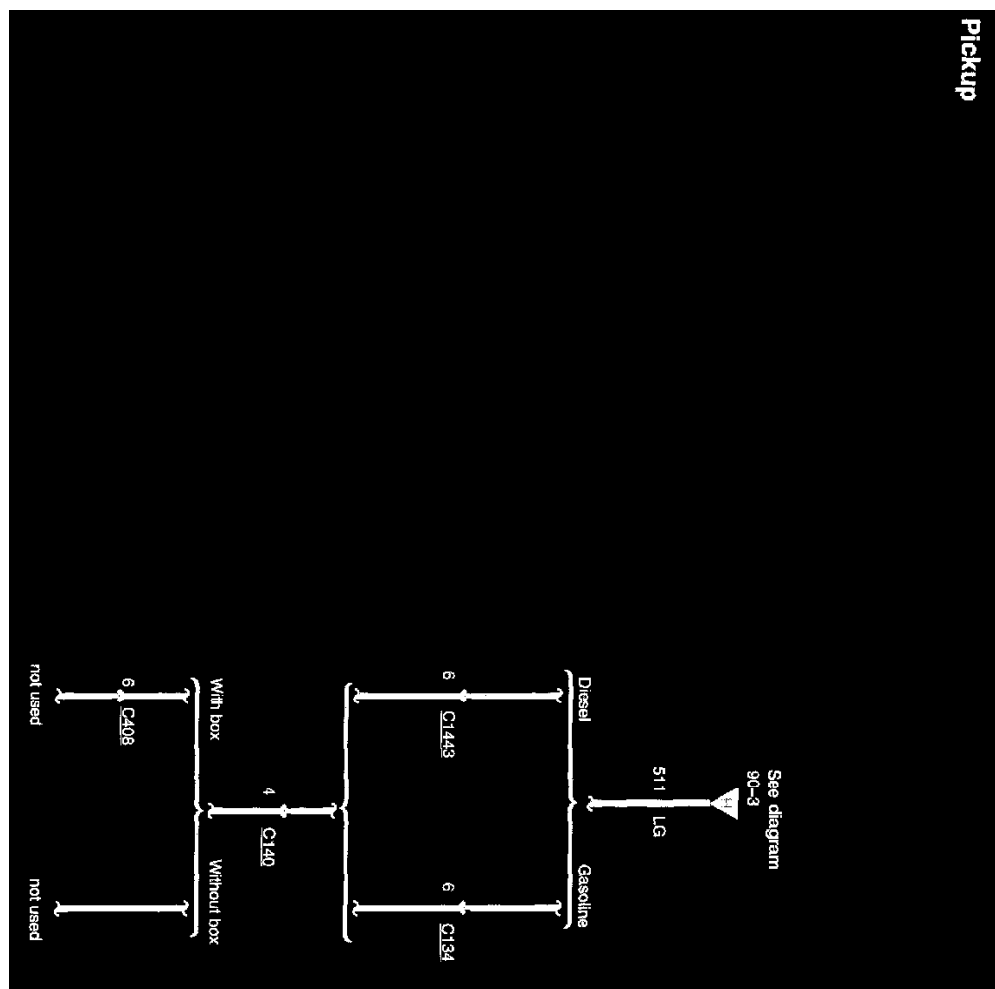




Diesel







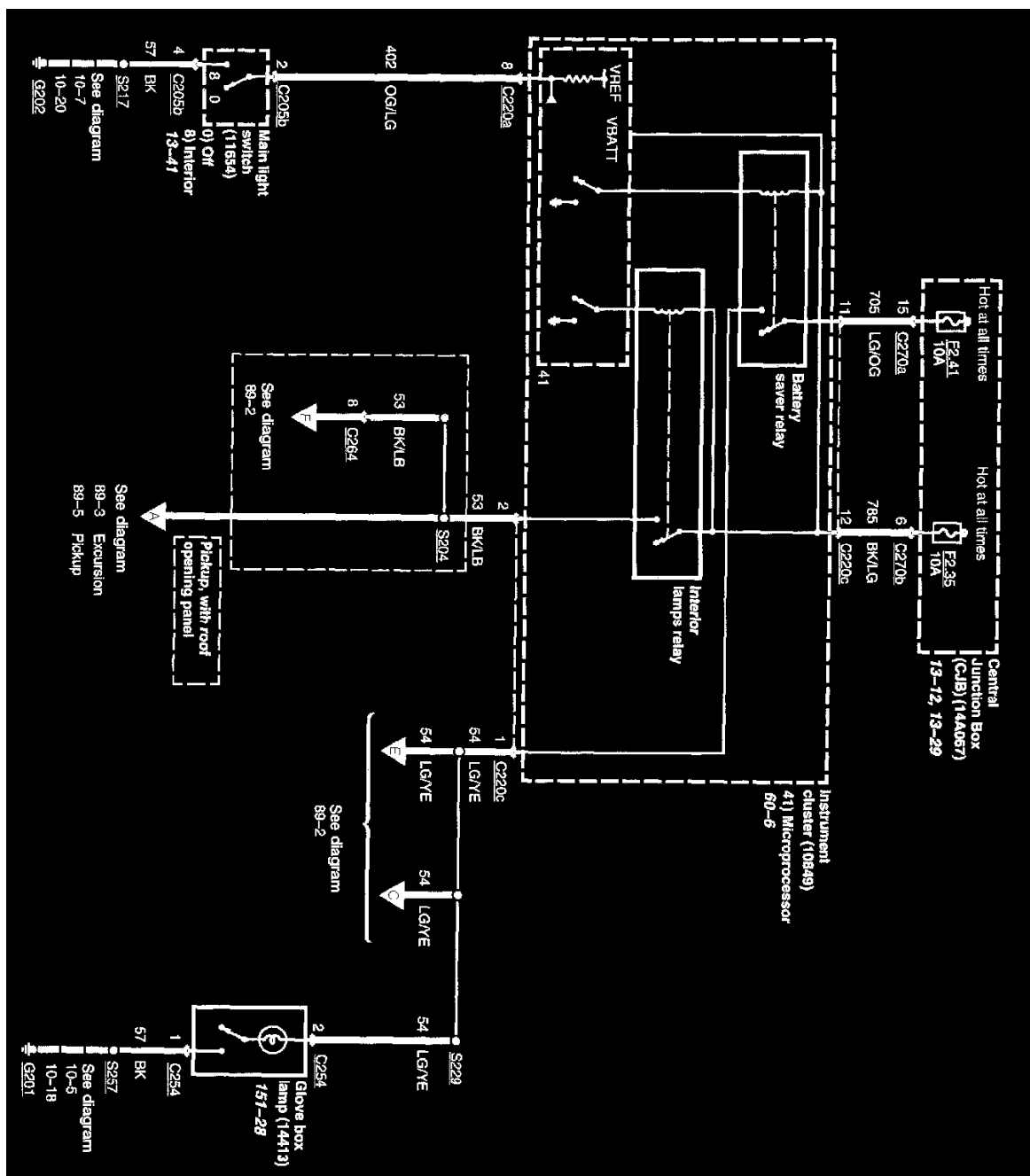
90-7

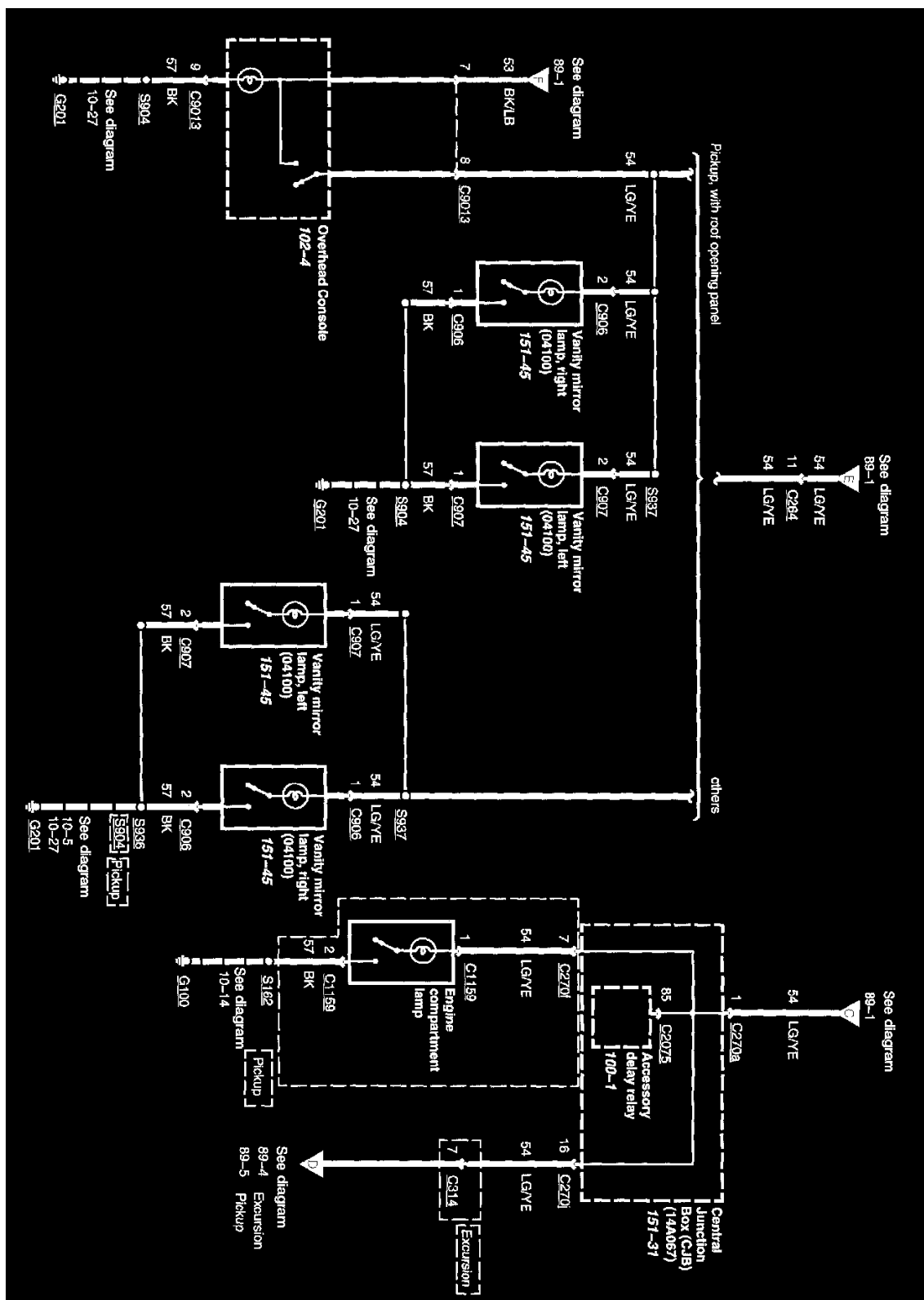
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

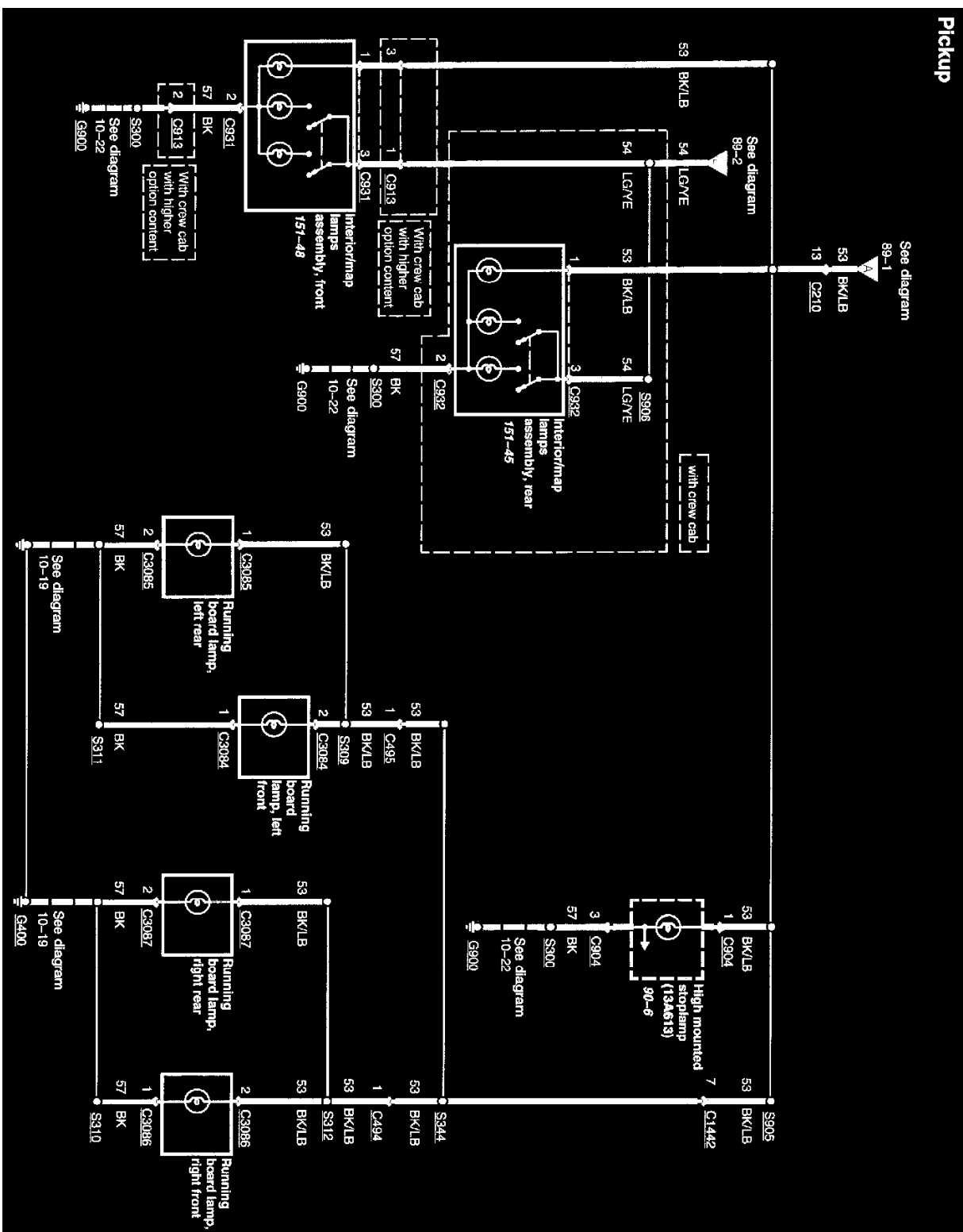
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Courtesy Lamp

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.







89-5

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Daytime Running Lamp

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PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

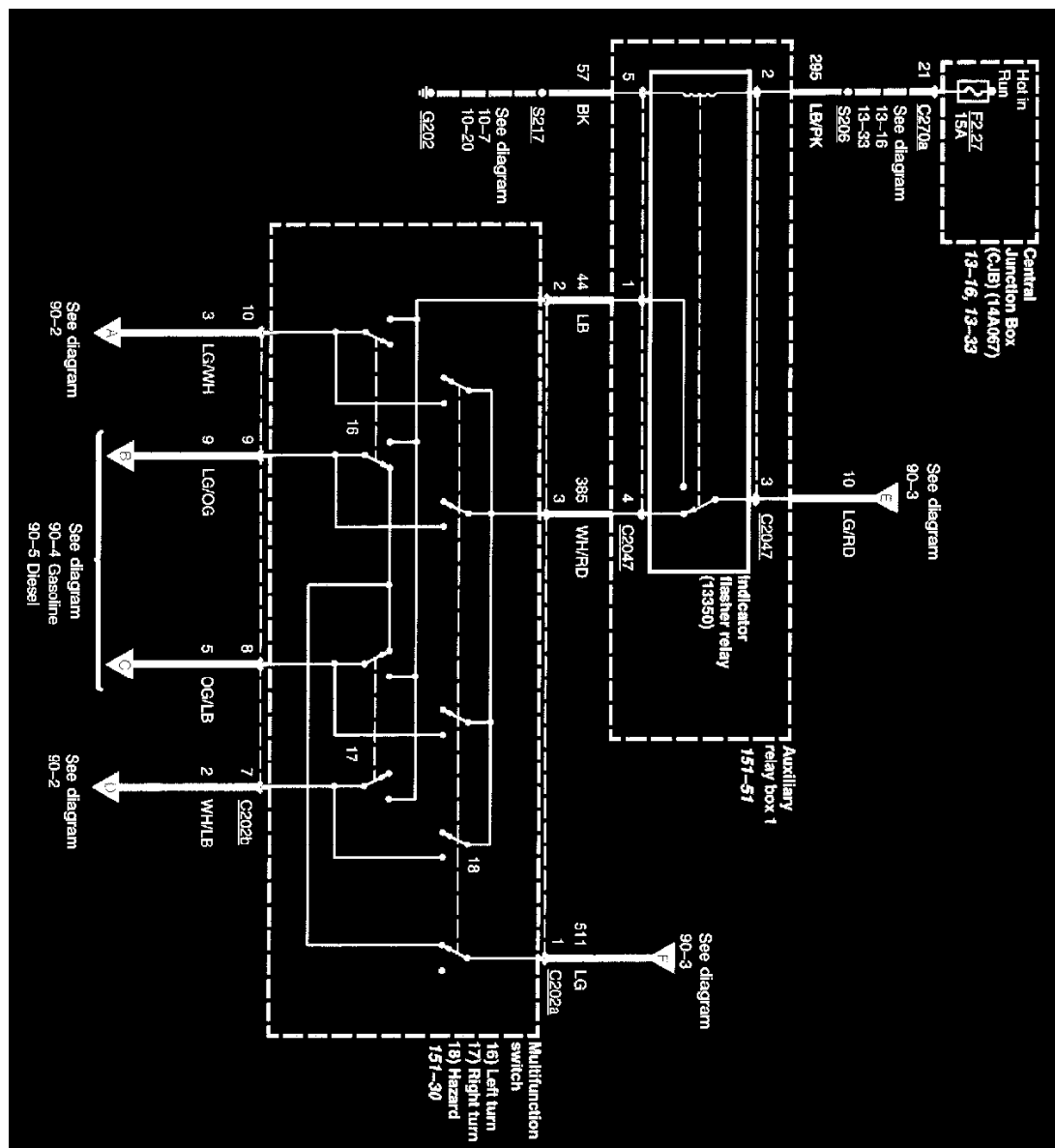


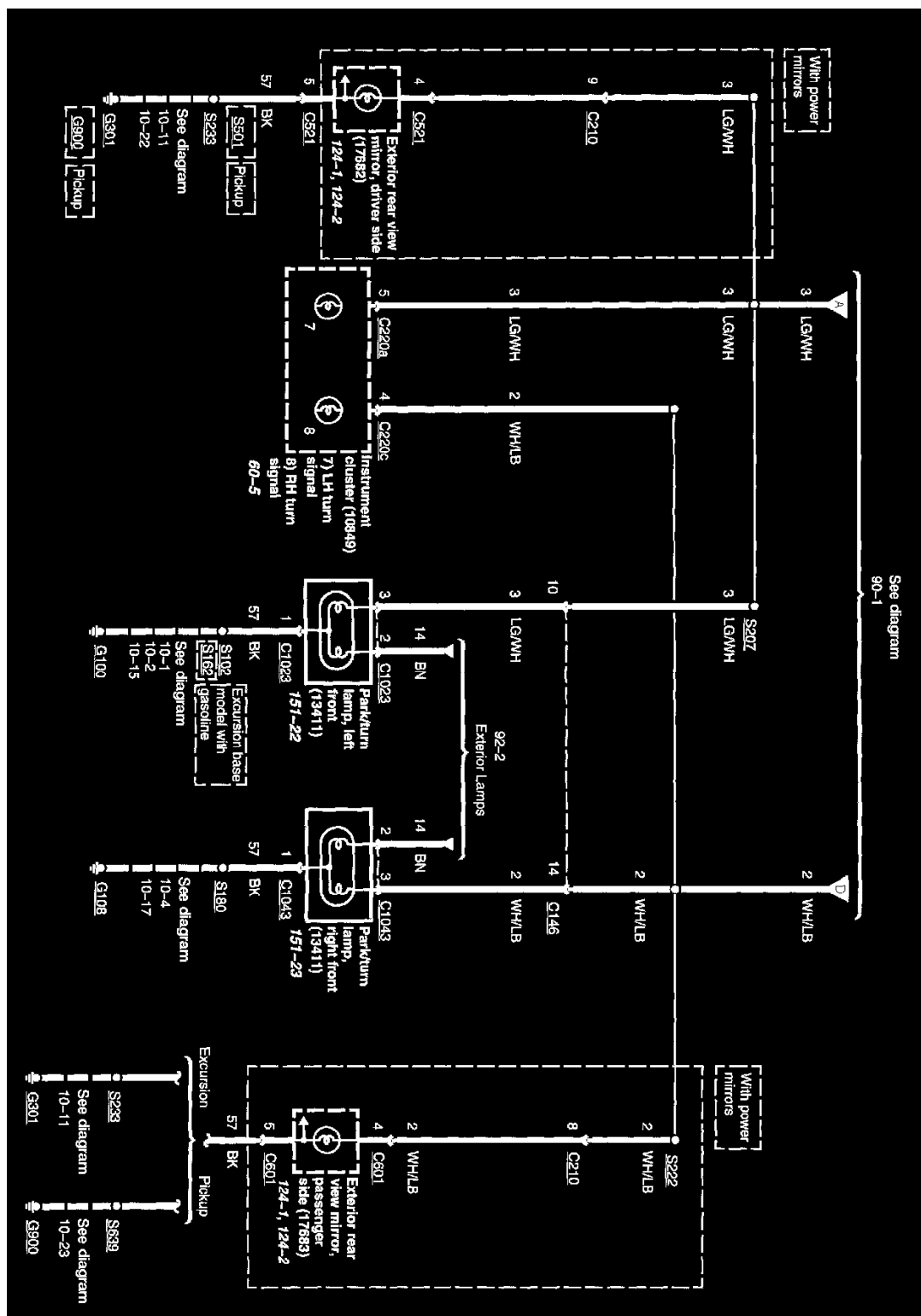
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.

See: Components/Component Location Views

Hazard Warning Lamps

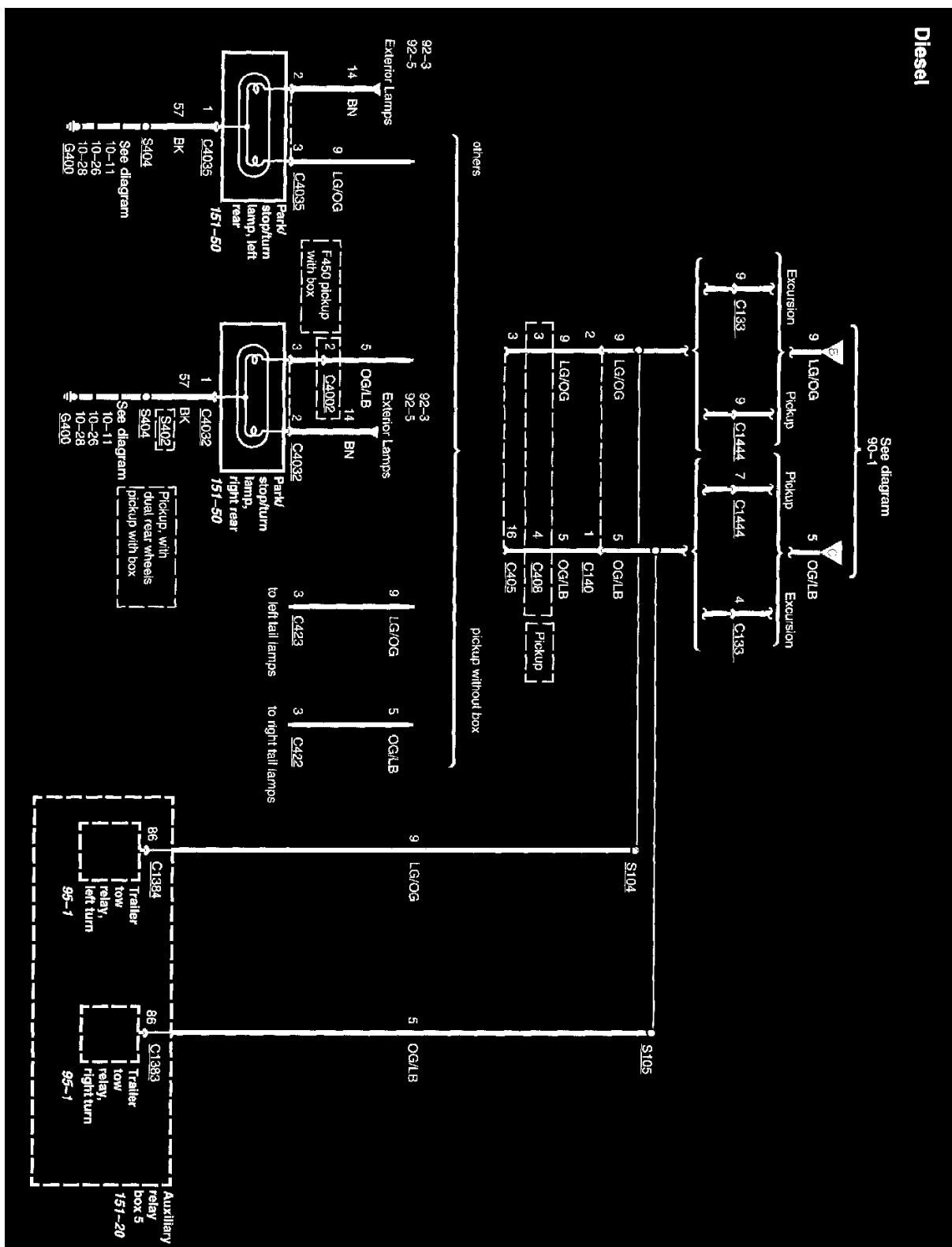
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

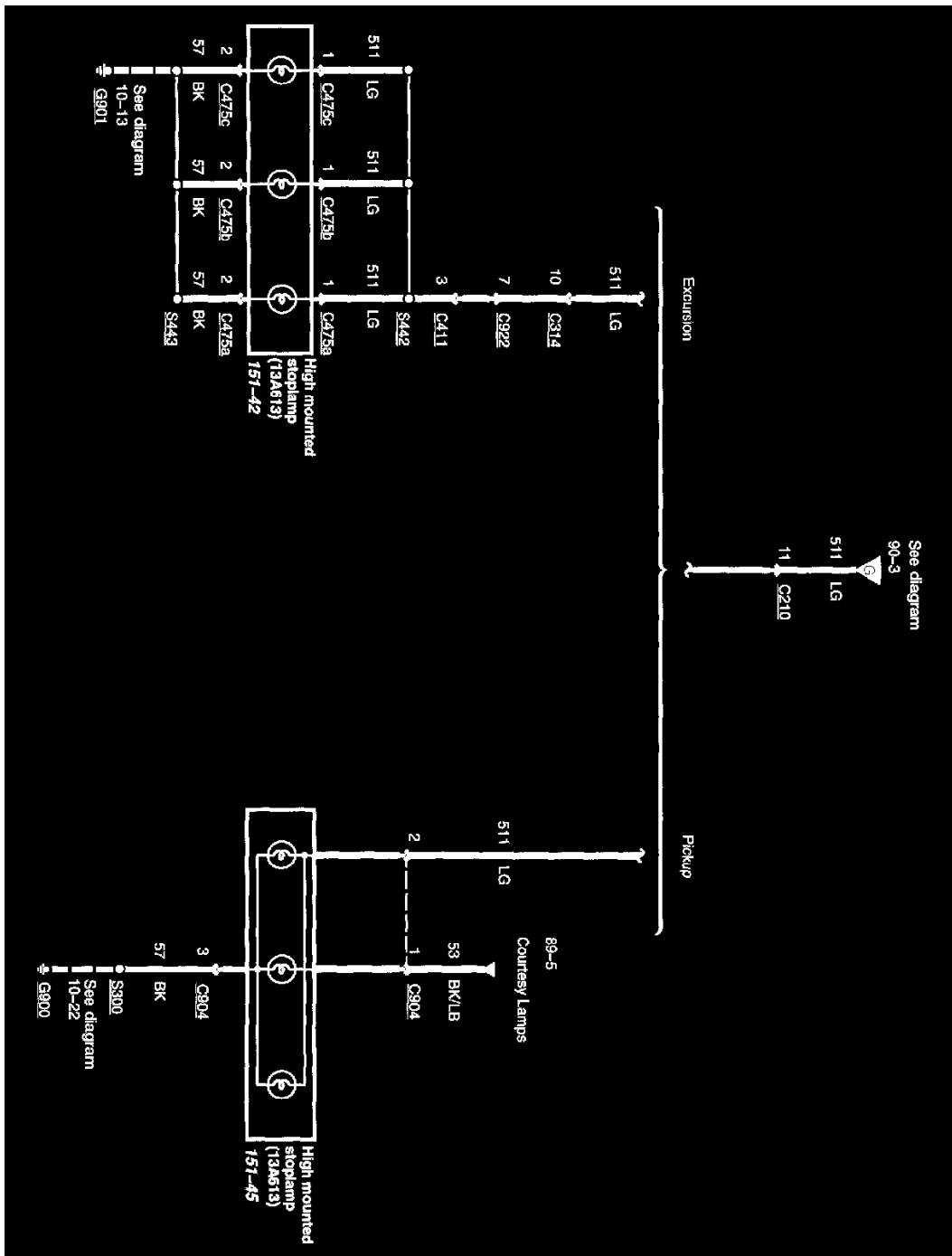


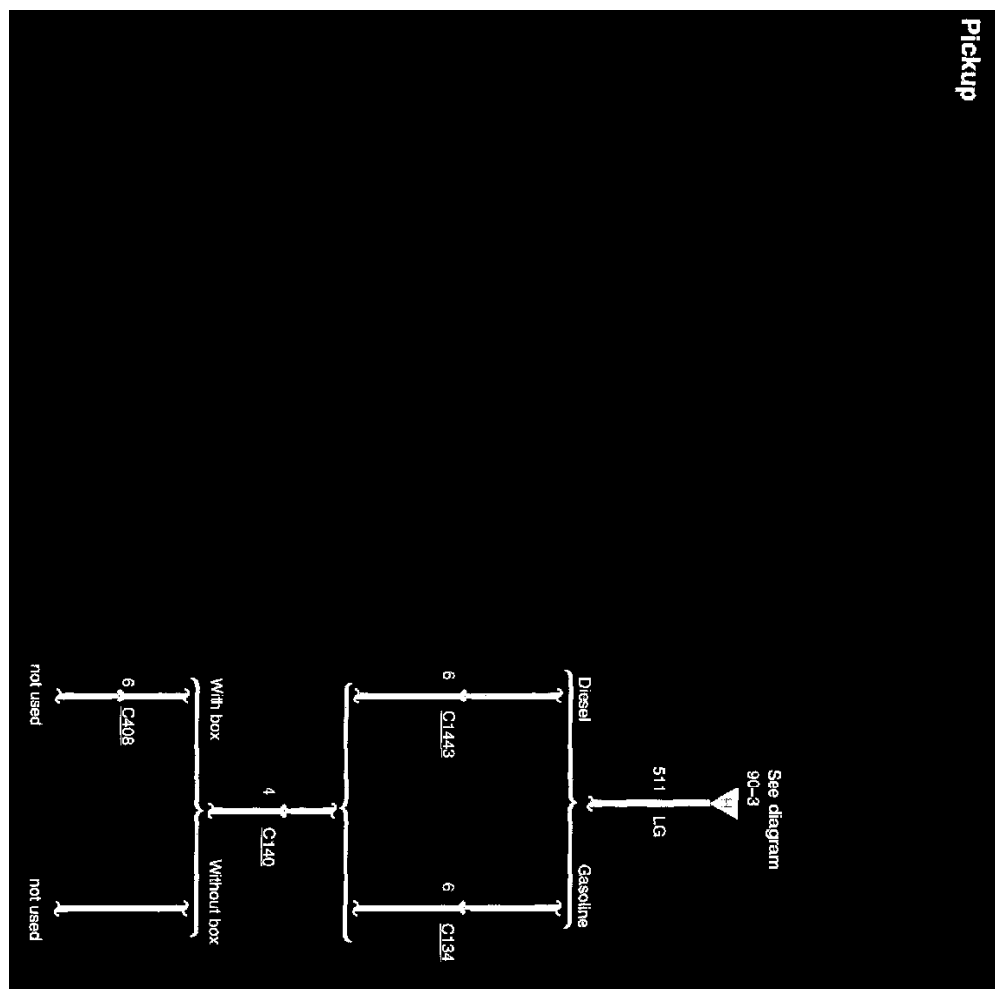




Diesel







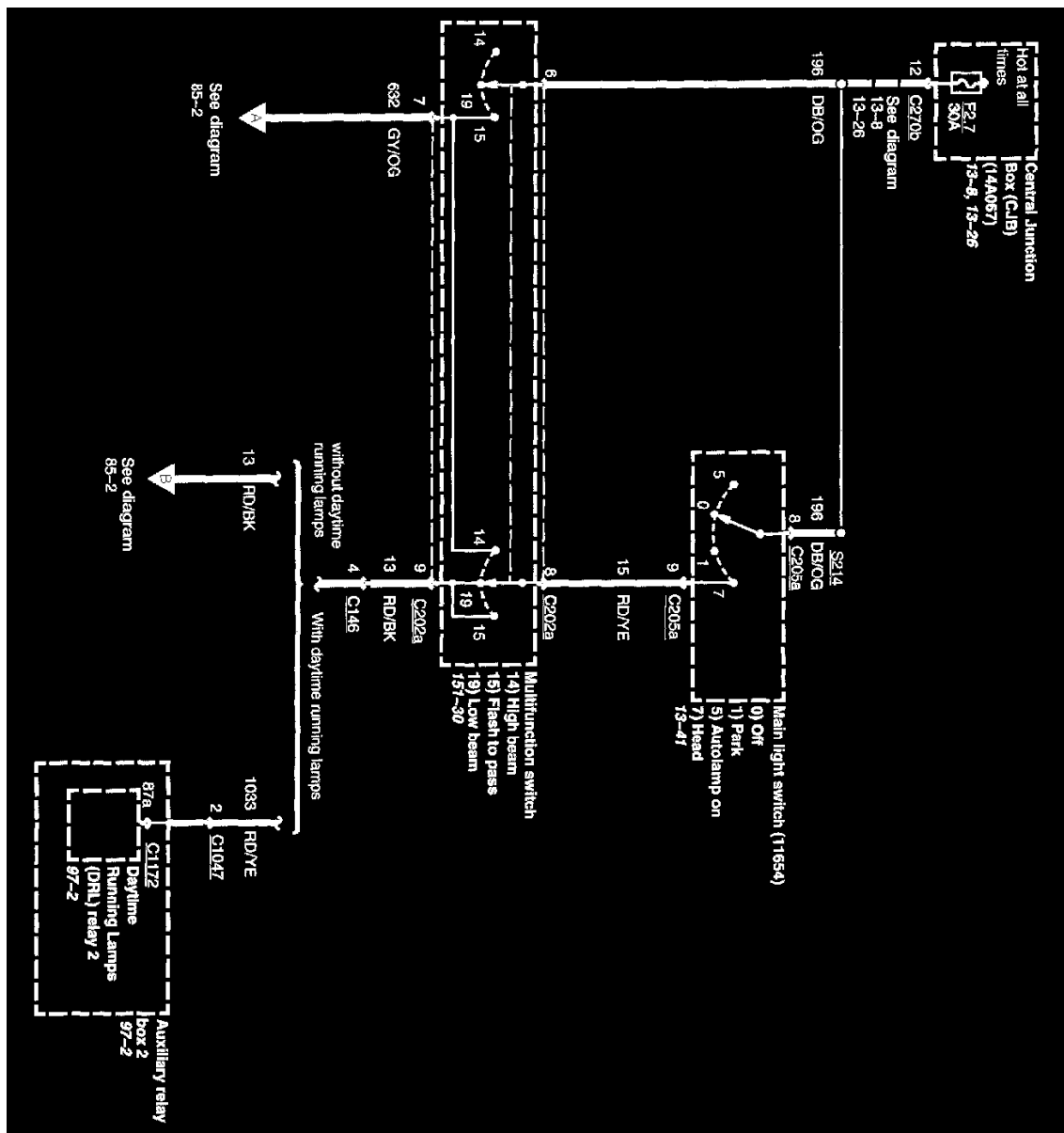
90-7

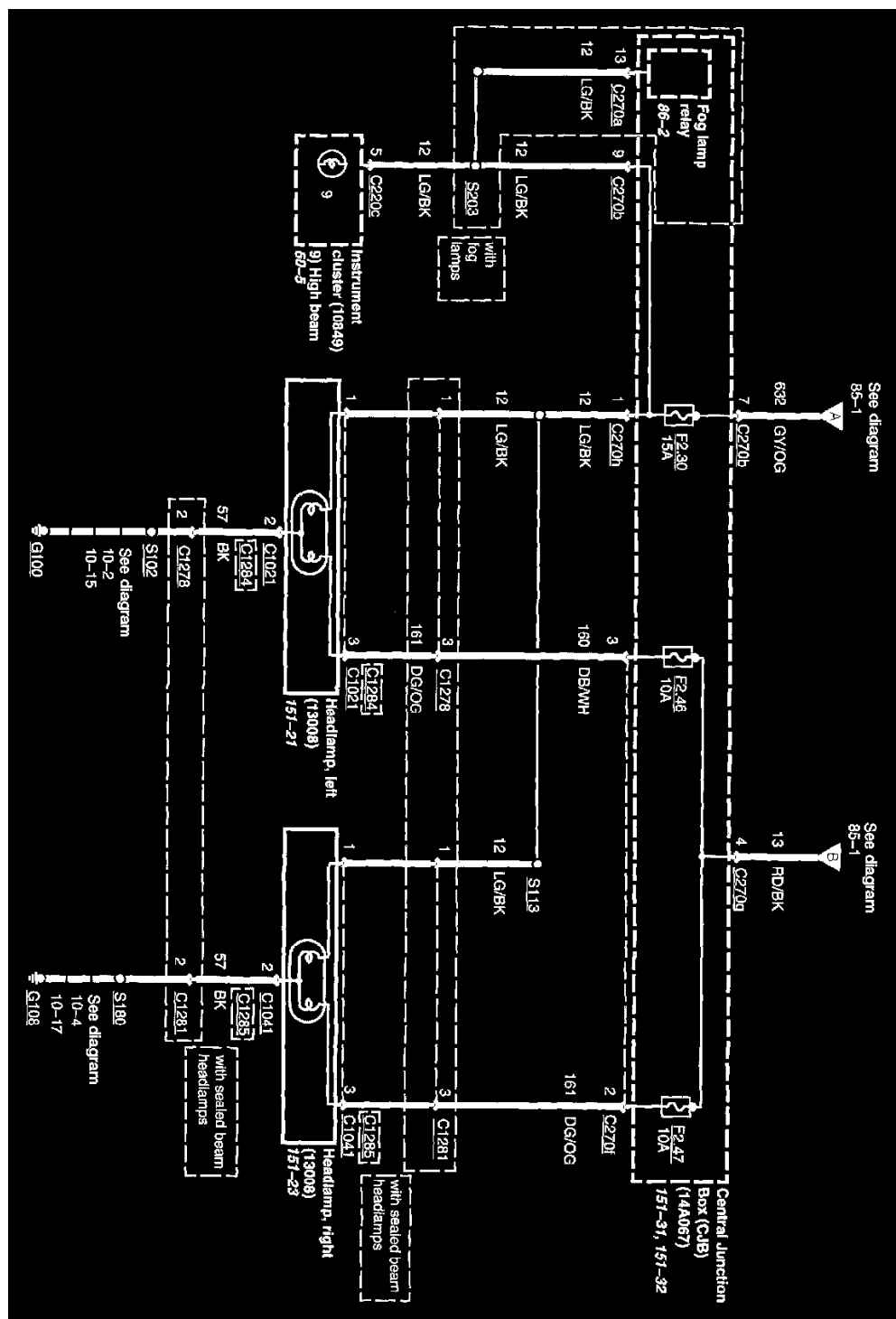
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Headlamps

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





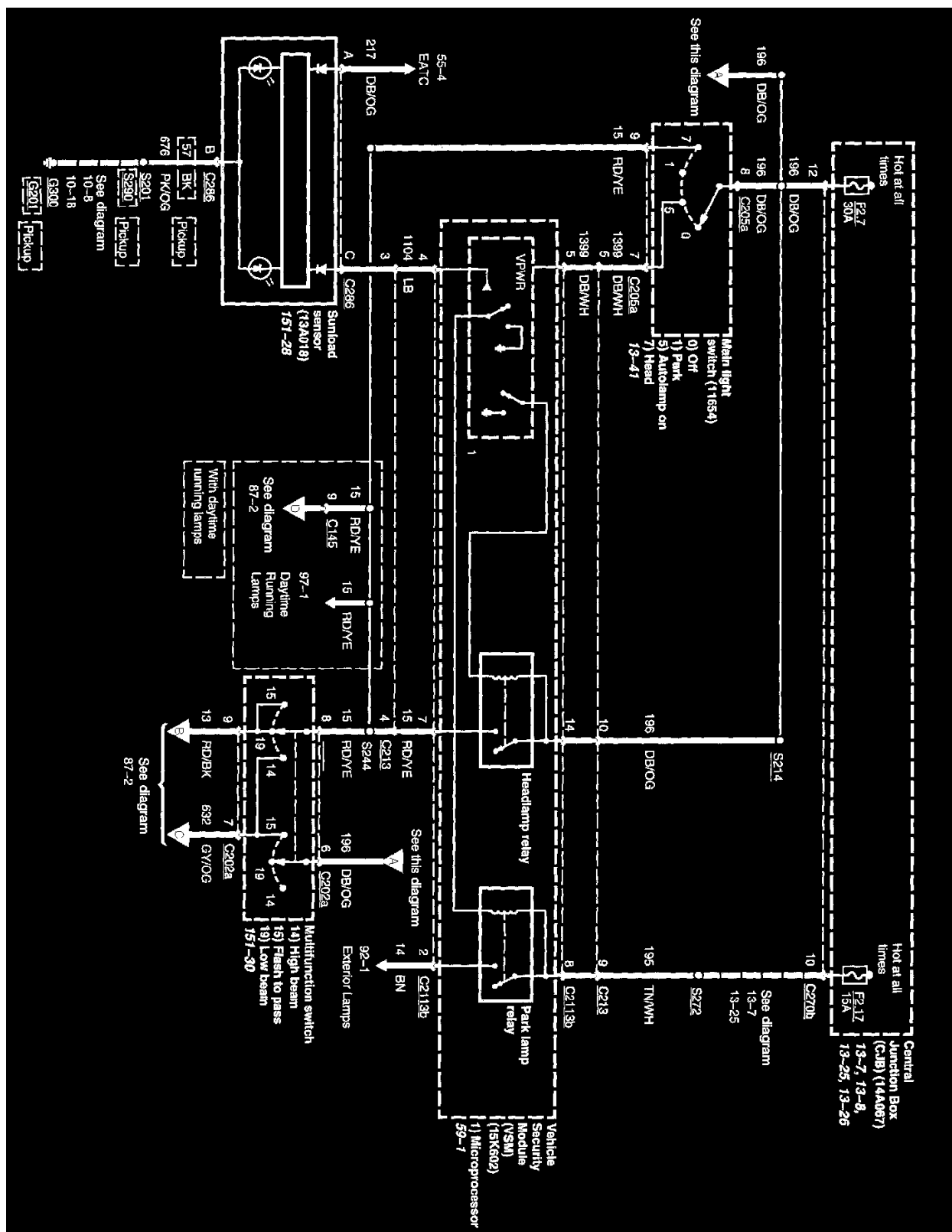
85-2

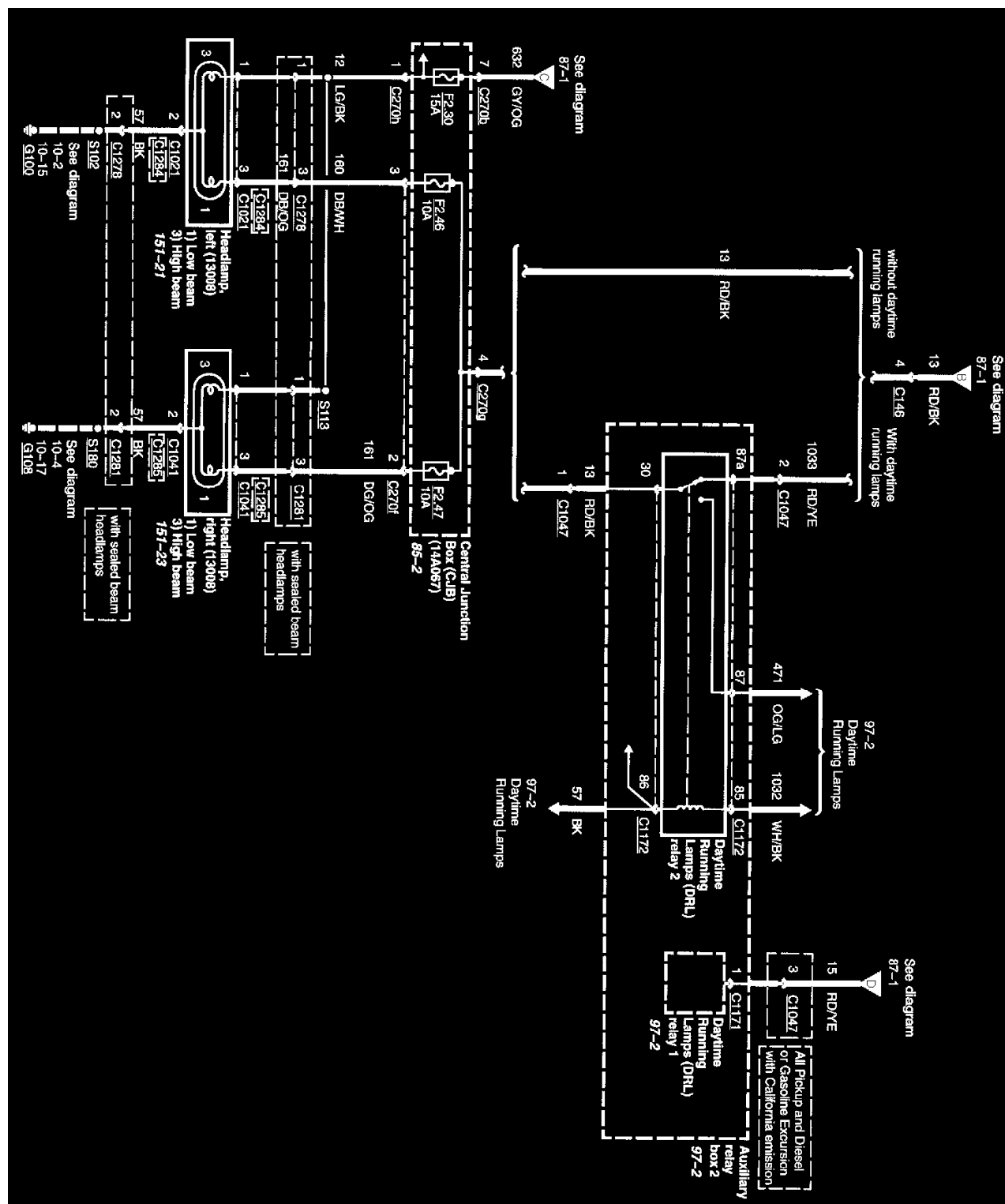
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Autolamps

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





87-2

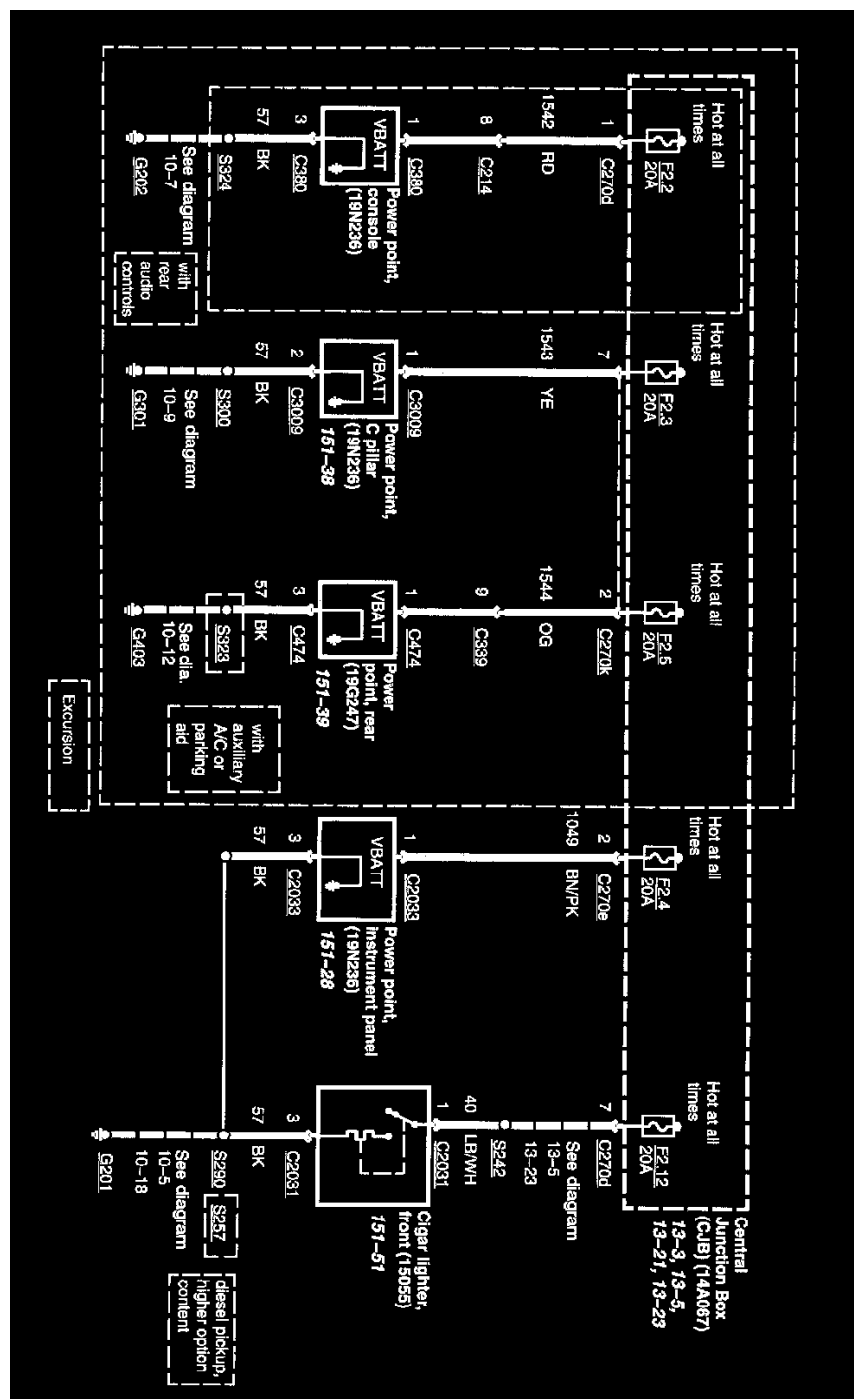
Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Horn

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





44-2

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

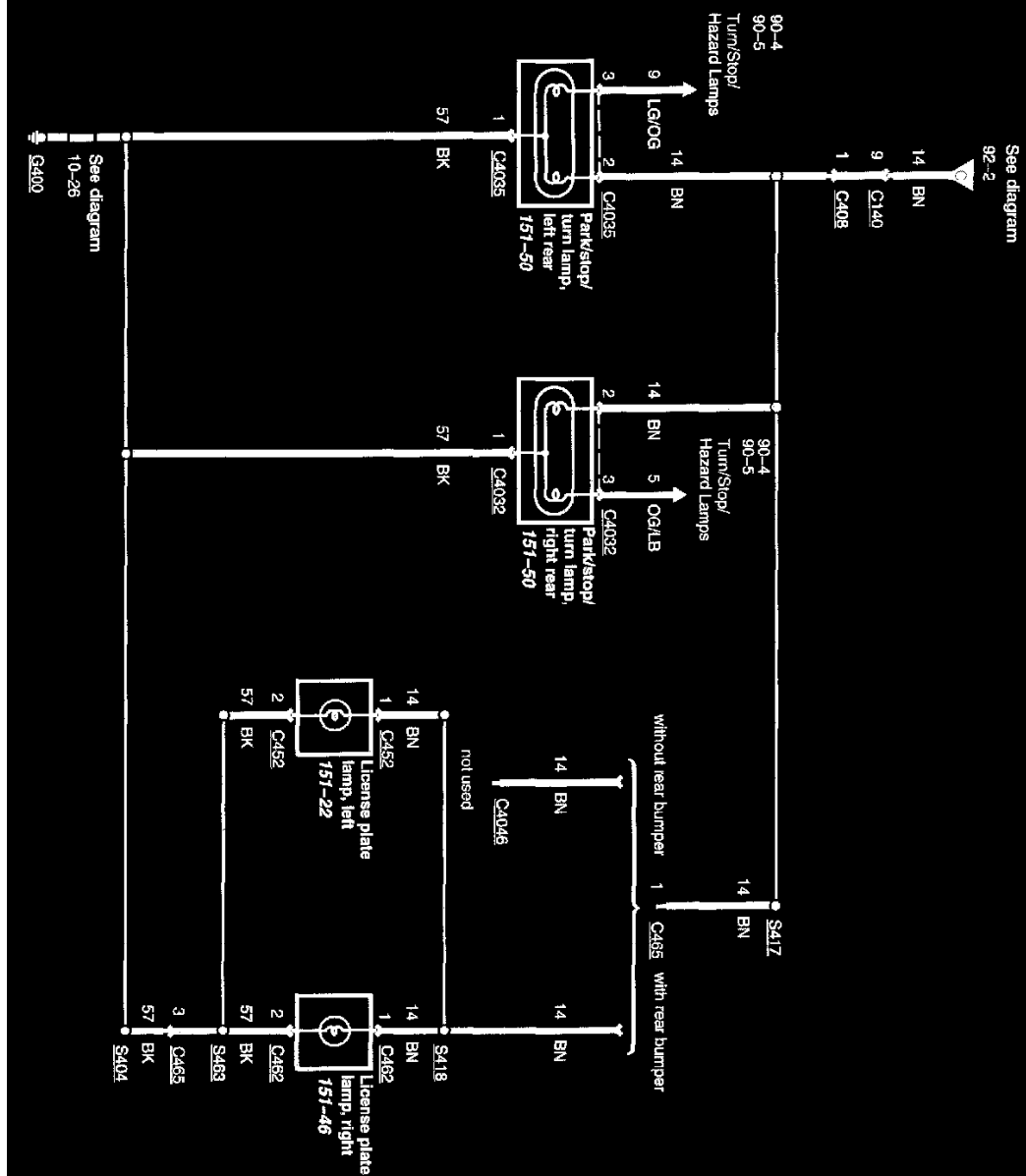
License Plate Lamp

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

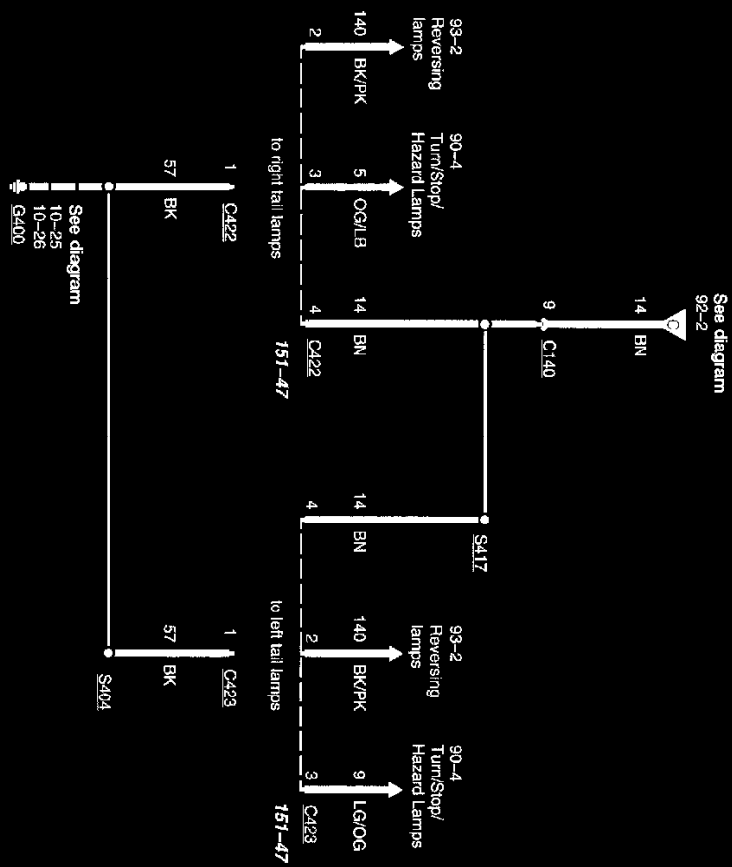




Pickup, without dual rear wheels



pickup without box

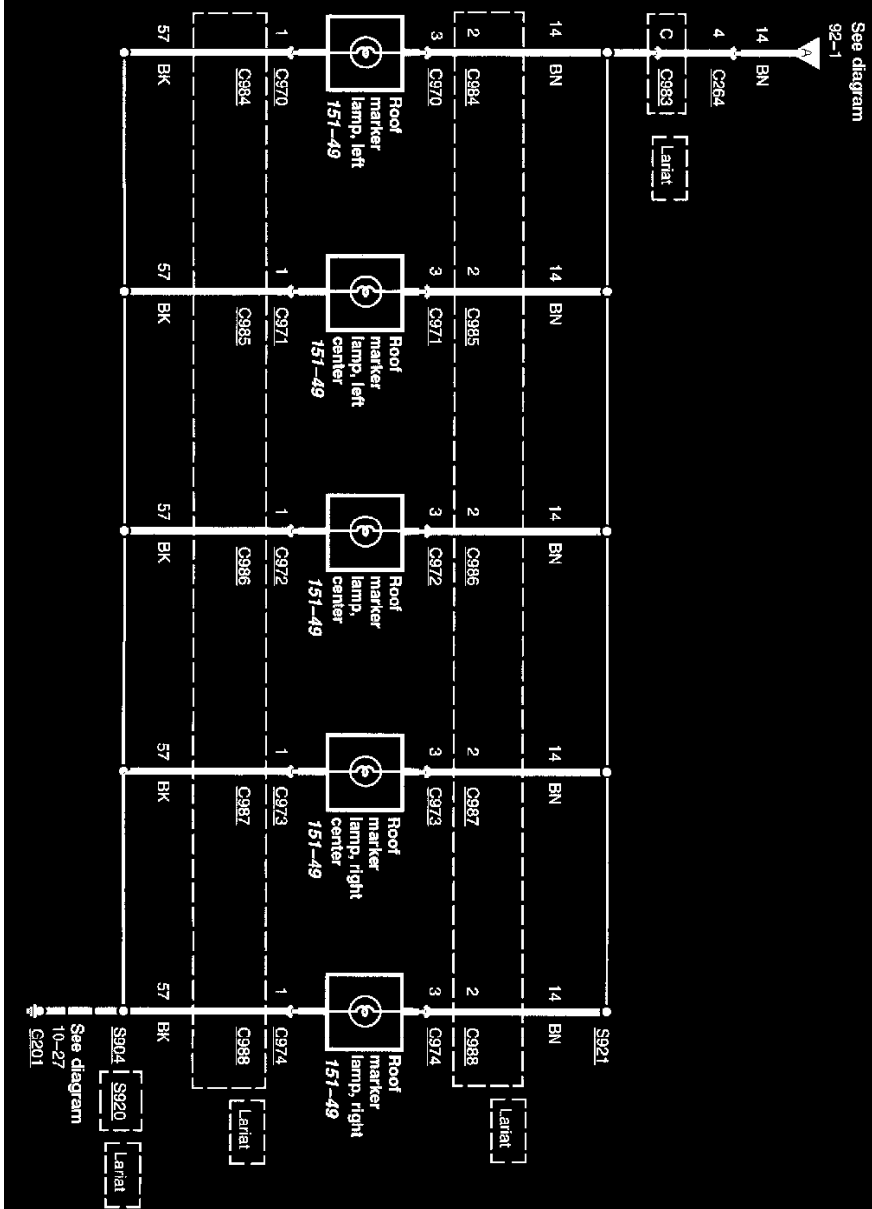


92-4

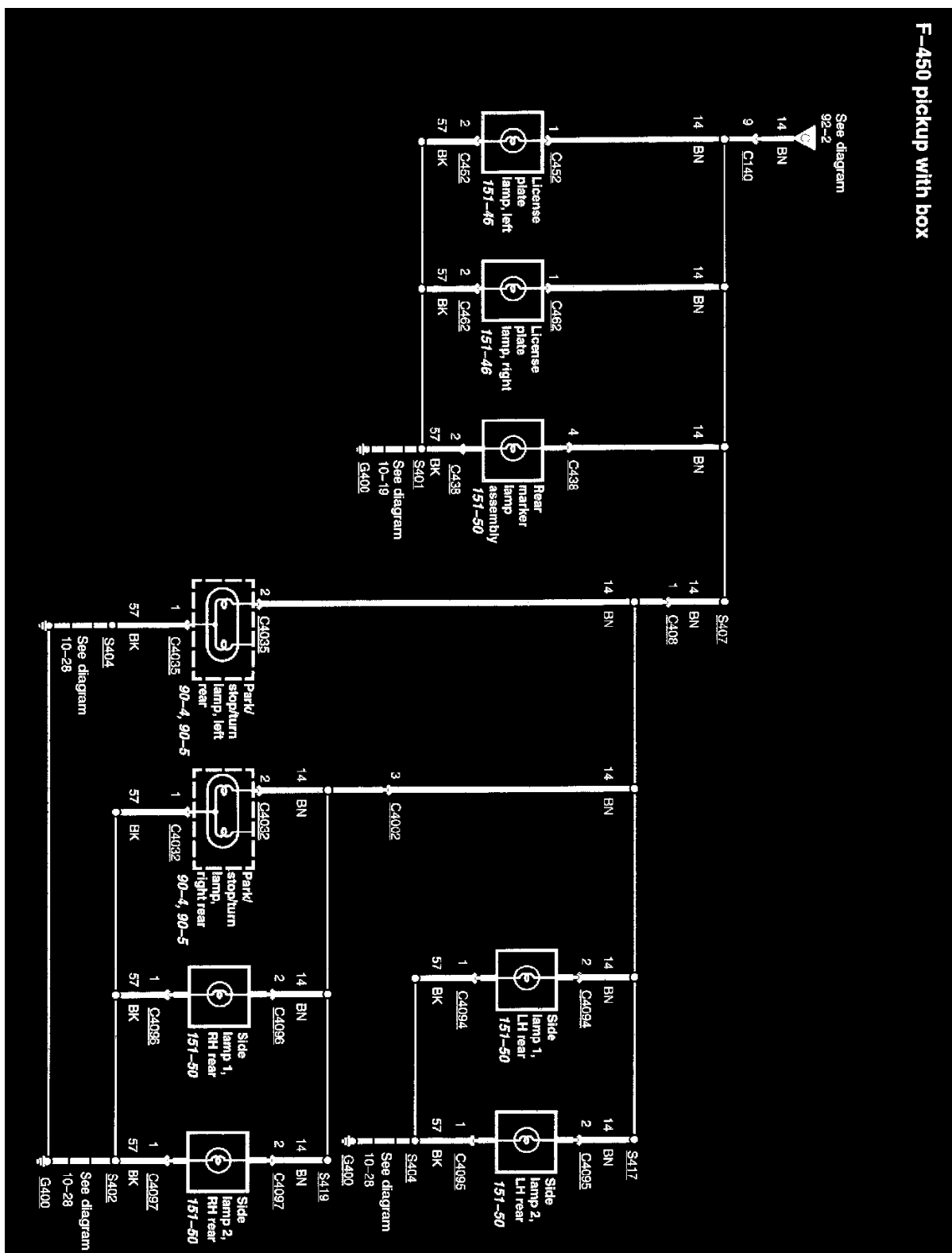
See diagram
92-2



Pickup



F-450 pickup with box



92-7

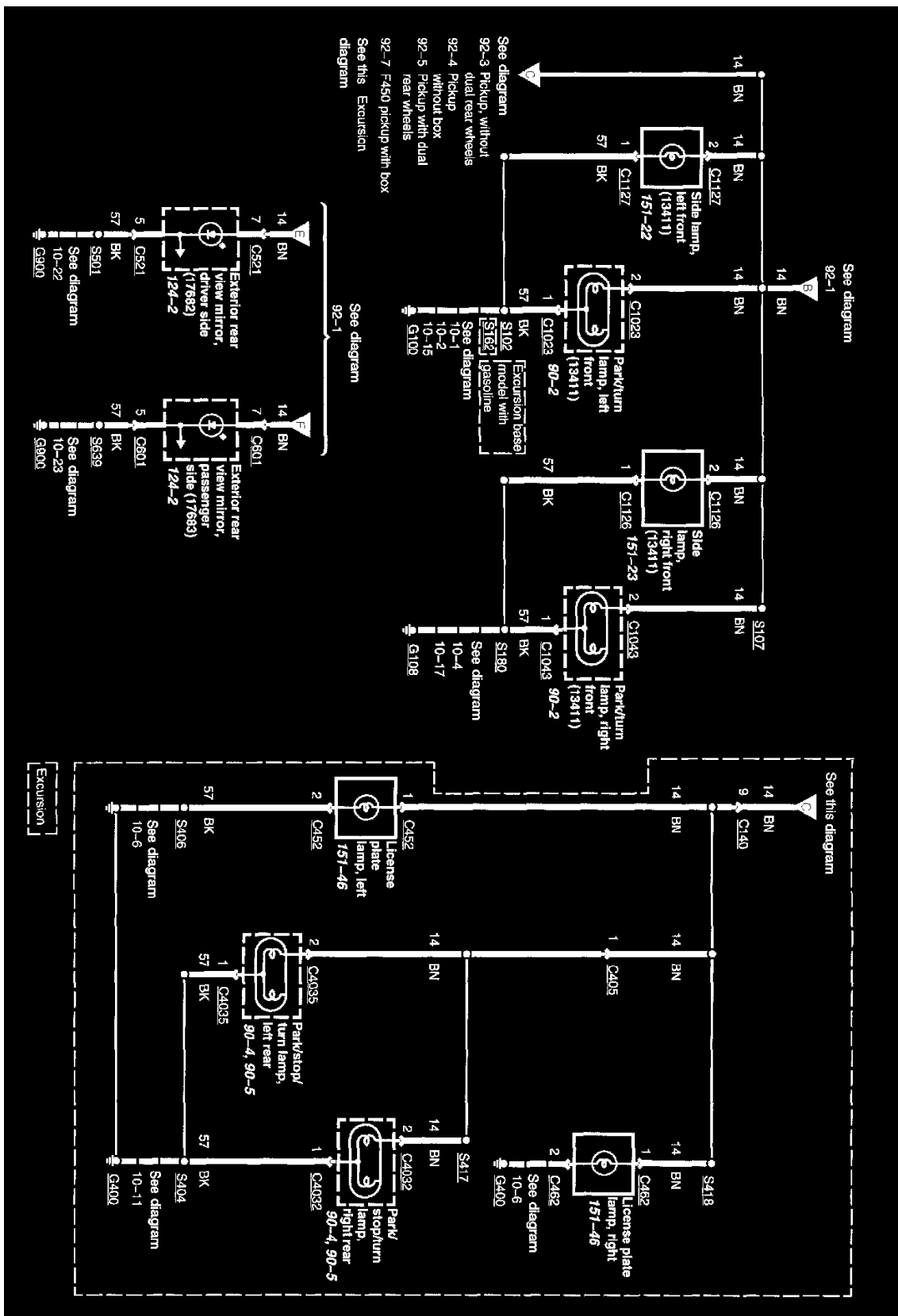
Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Marker Lamp

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





Pickup, without dual rear wheels

See diagram 92-2

14 BN
9 C140
1 C408

90-4
90-5
Turn/Stop/
Hazard Lamps

9 LG/OG
14 BN
3 C4035

1 C4035

Part/stop/
turn lamp,
left rear
151-50

14 BN
5 OG/LB
3 C4032

2 C4032

Part/stop/
turn lamp,
right rear
151-50

14 BN
1 C452

License plate
lamp, left
151-22

57 BK
2 C452

14 BN
1 C462

License plate
lamp, right
151-46

57 BK
2 C462

14 BN
3 C465

57 BK
1 C466

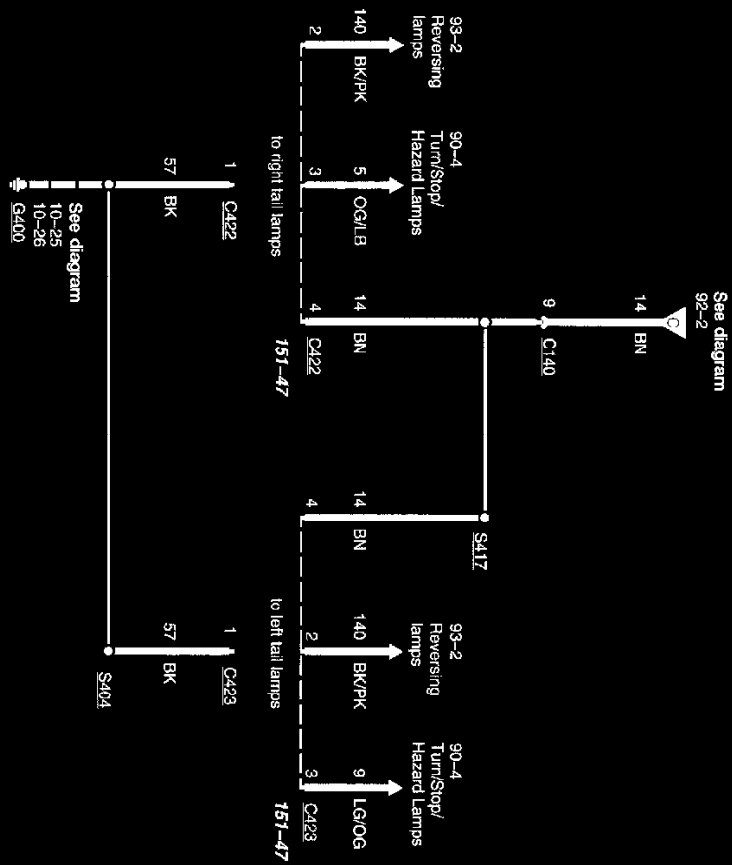
without rear bumper 14 BN
1 C4046

with rear bumper 14 BN
1 C4045

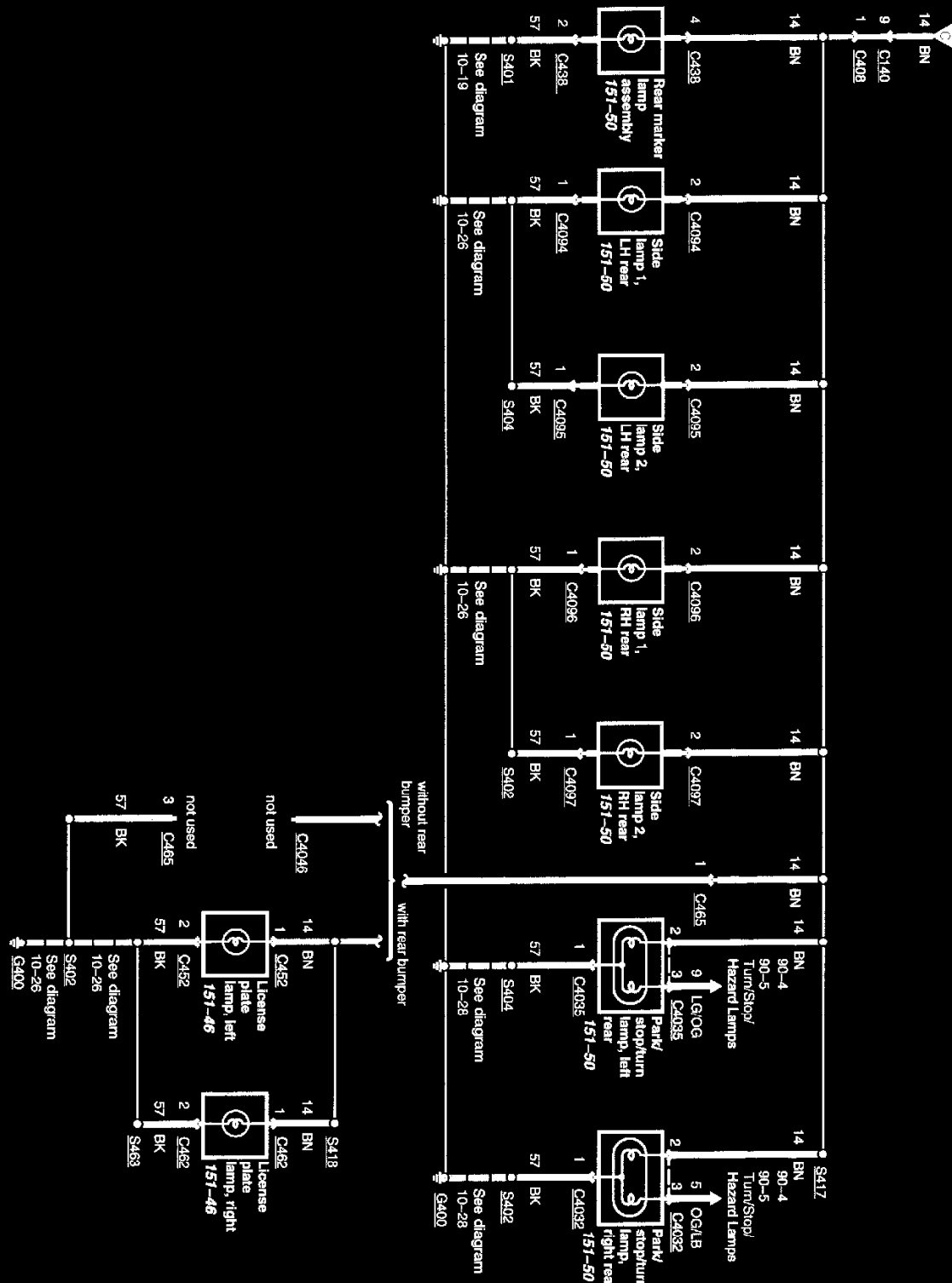
14 BN
1 C417

10-26
See diagram
G400

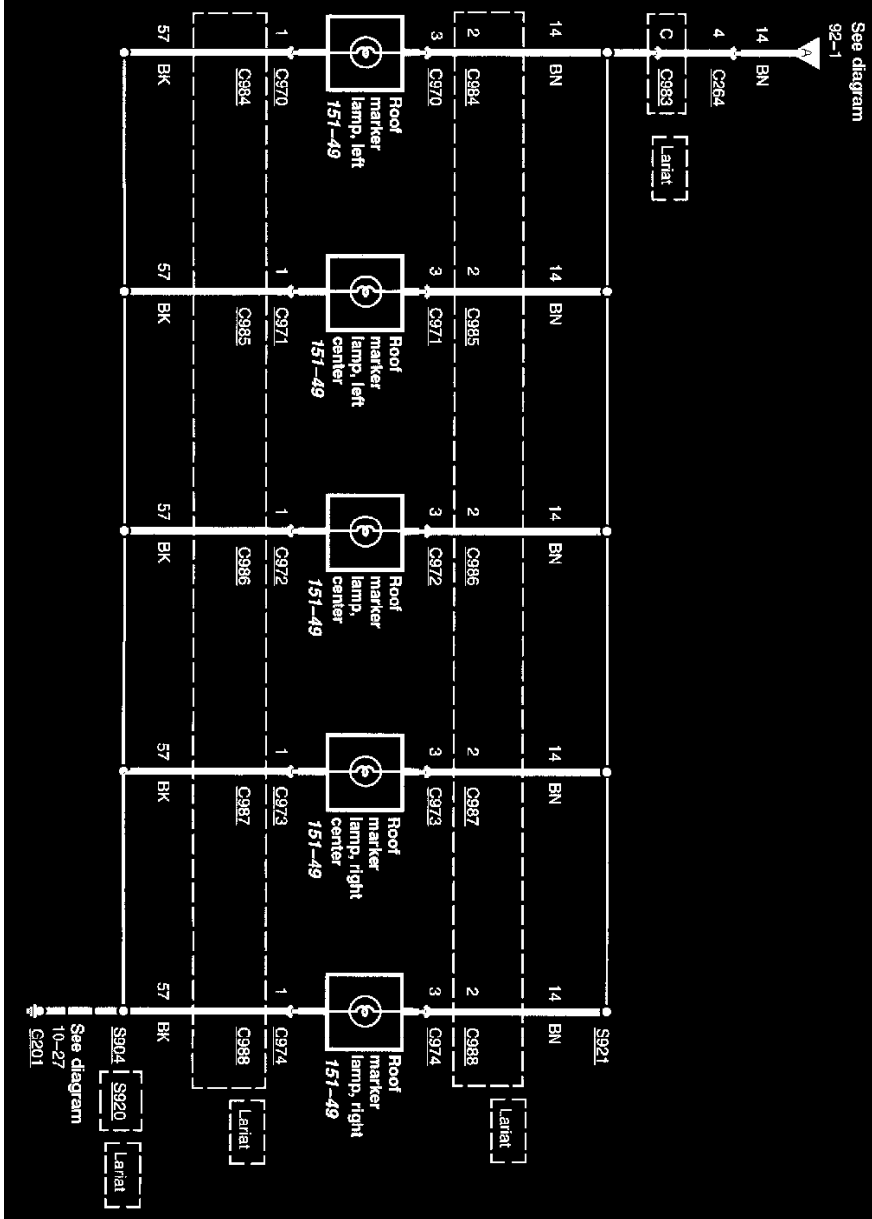
pickup without box



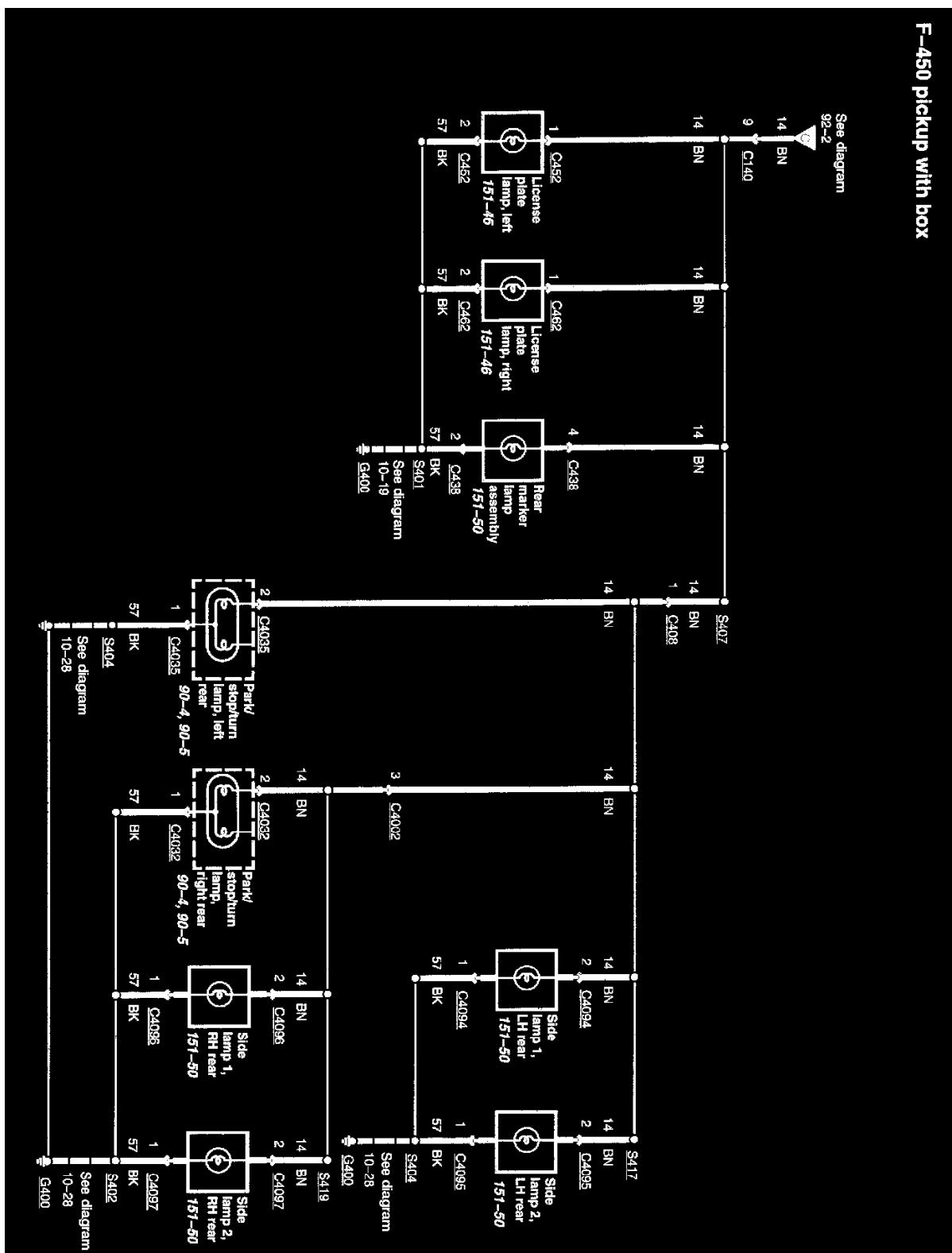
92-4

Pickup, with dual rear wheelsSee diagram
92-2

Pickup



F-450 pickup with box



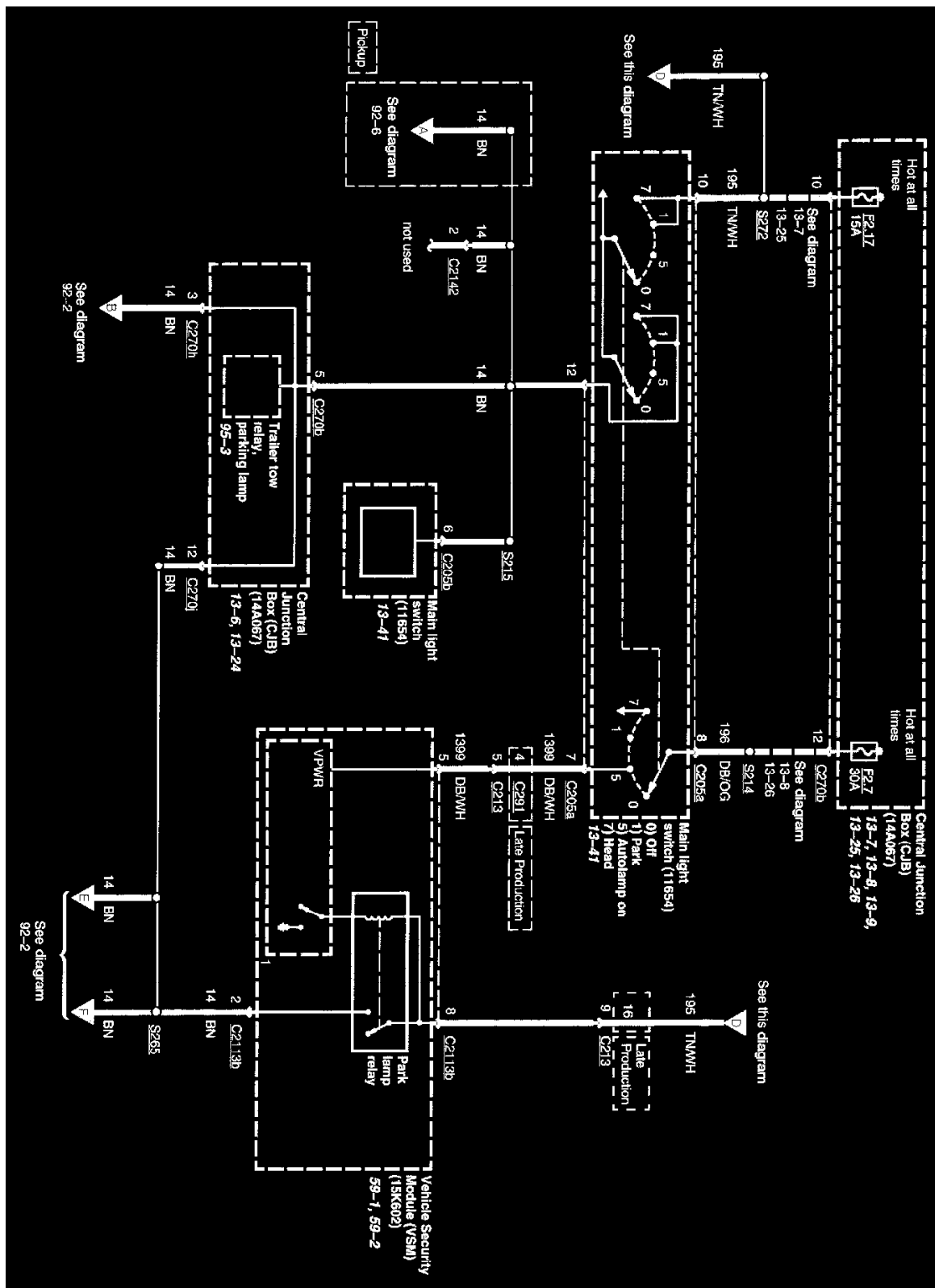
92-7

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

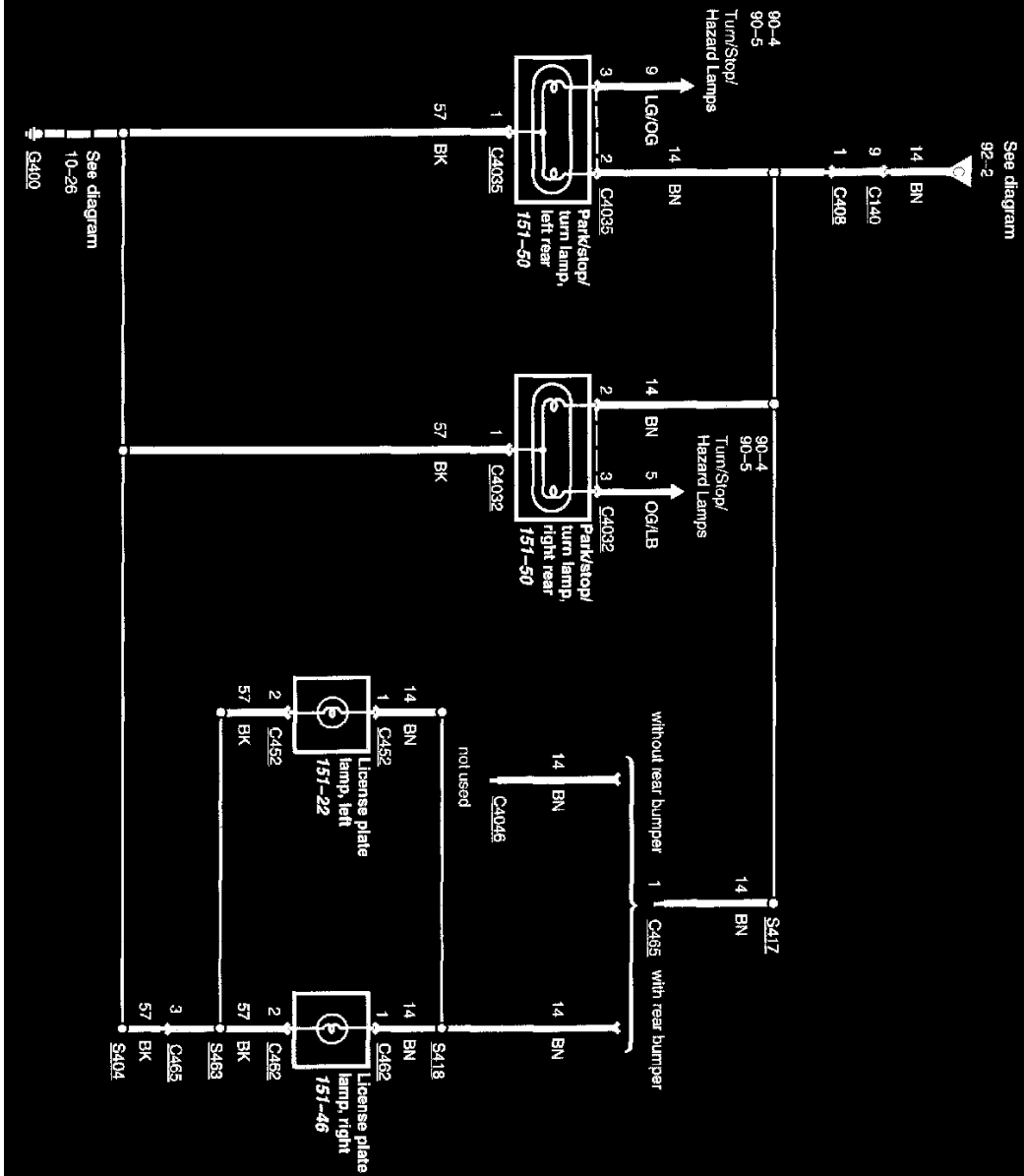
Parking Lamp

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

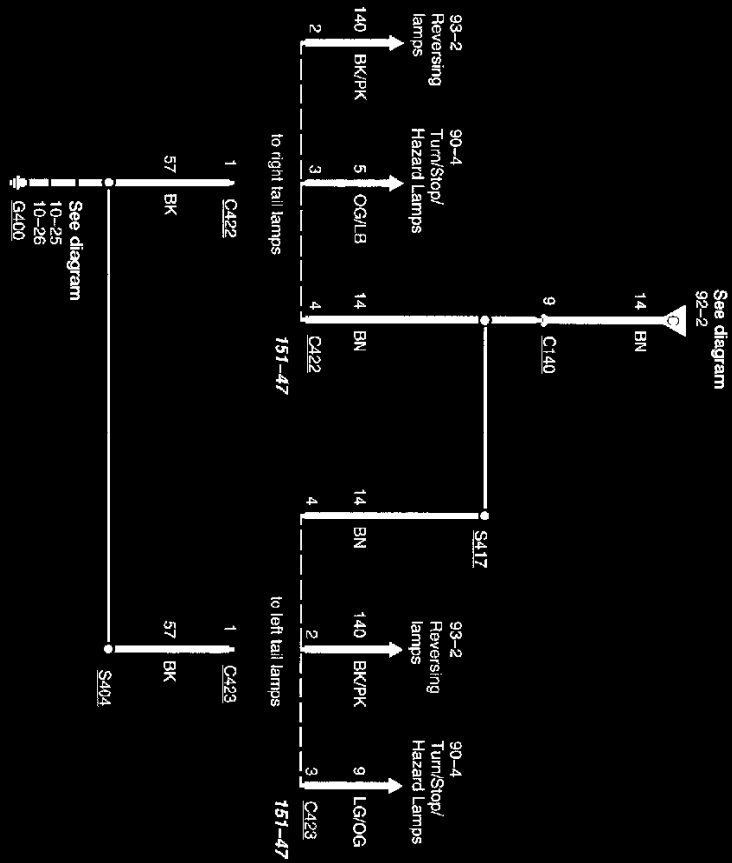


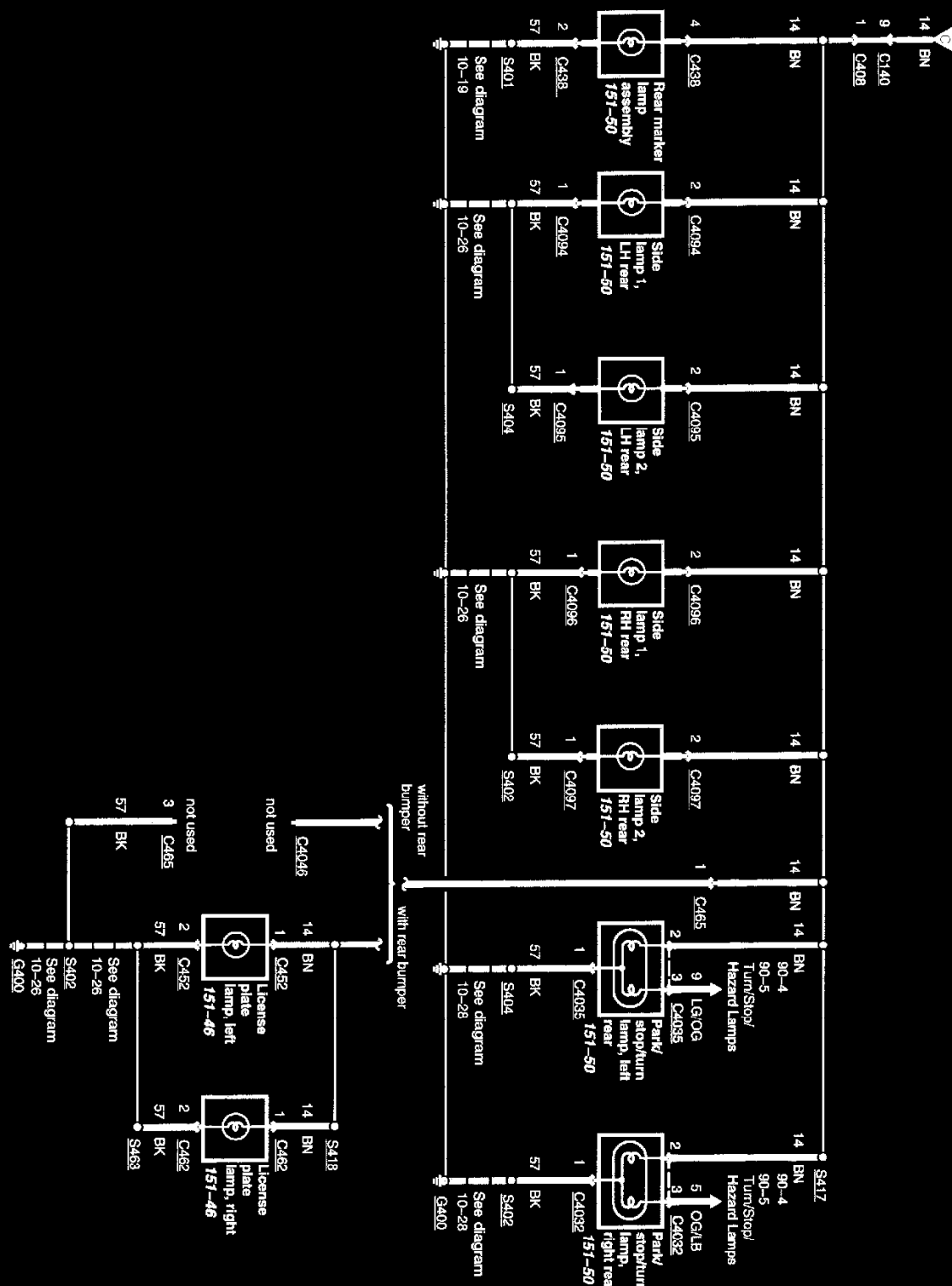


Pickup, without dual rear wheels

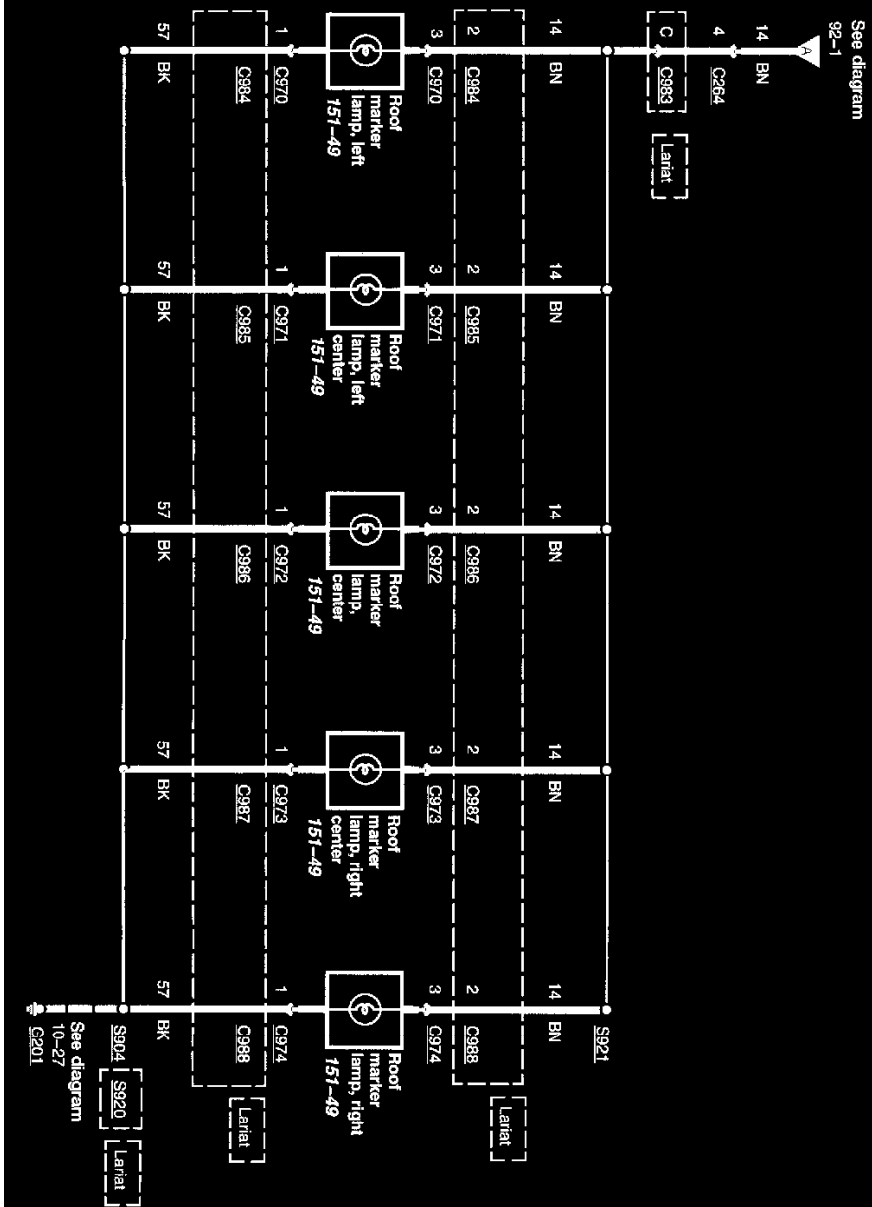


pickup without box

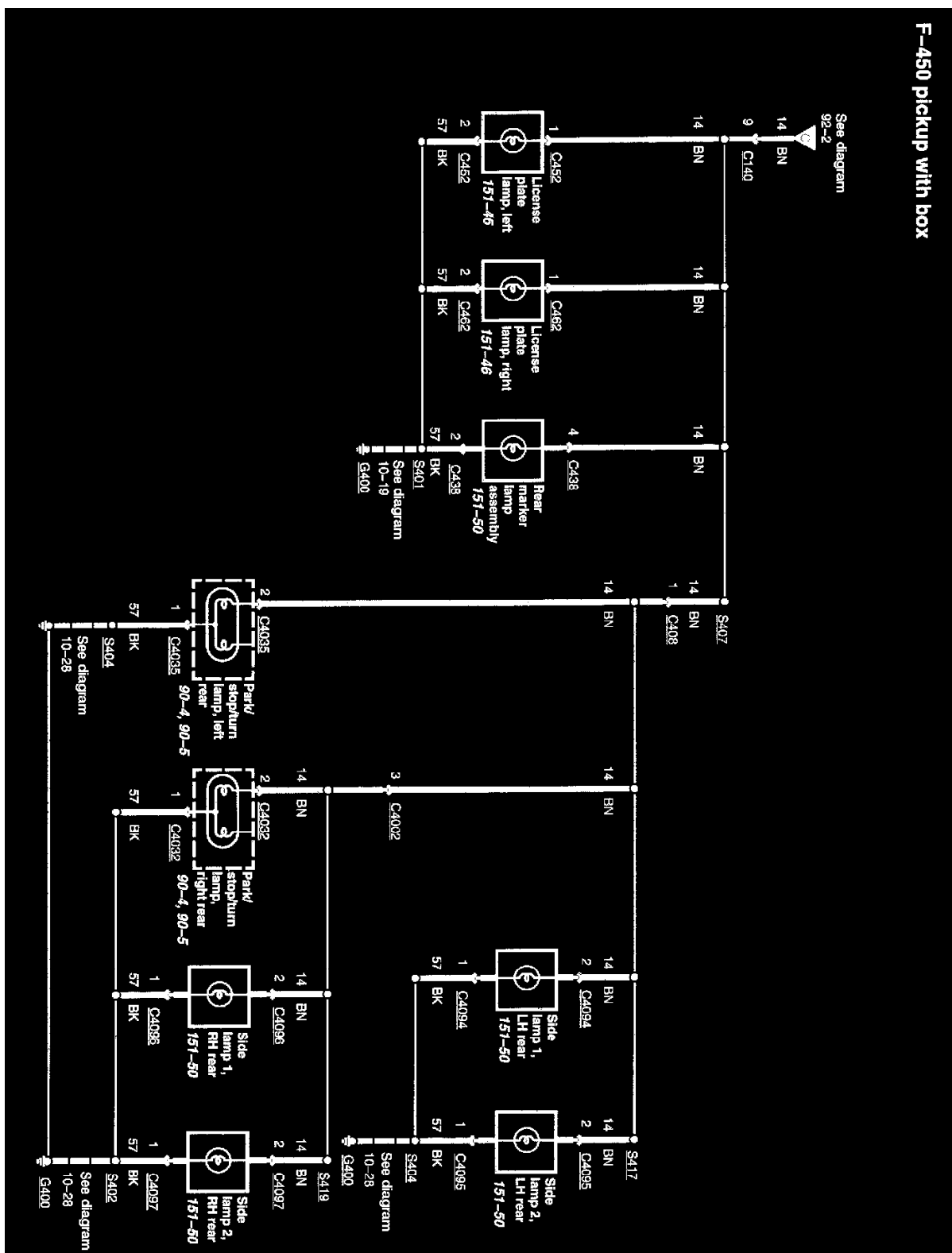


Pickup, with dual rear wheelsSee diagram
92-2

Pickup



F-450 pickup with box



92-7

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

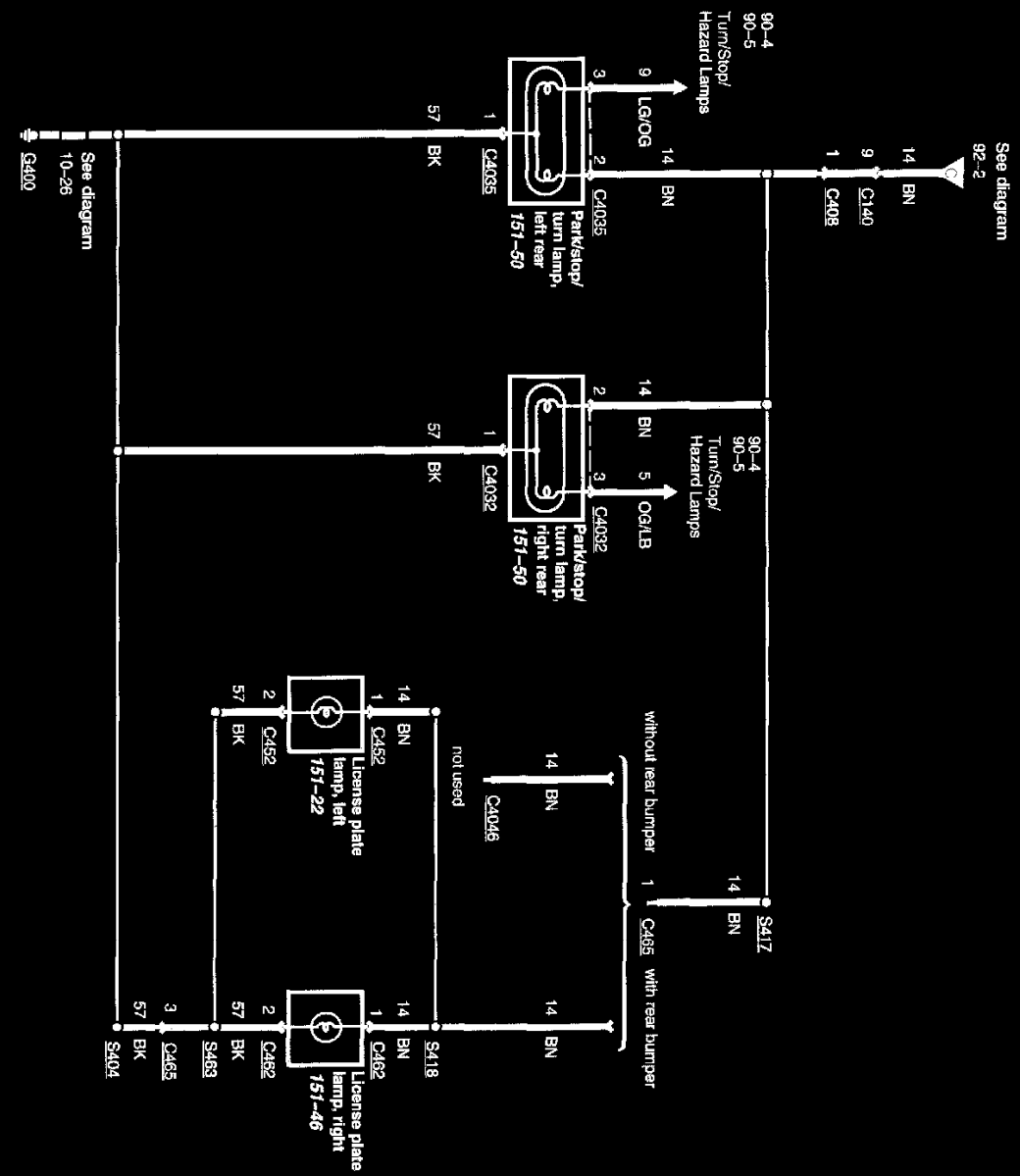
Tail Lamp

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

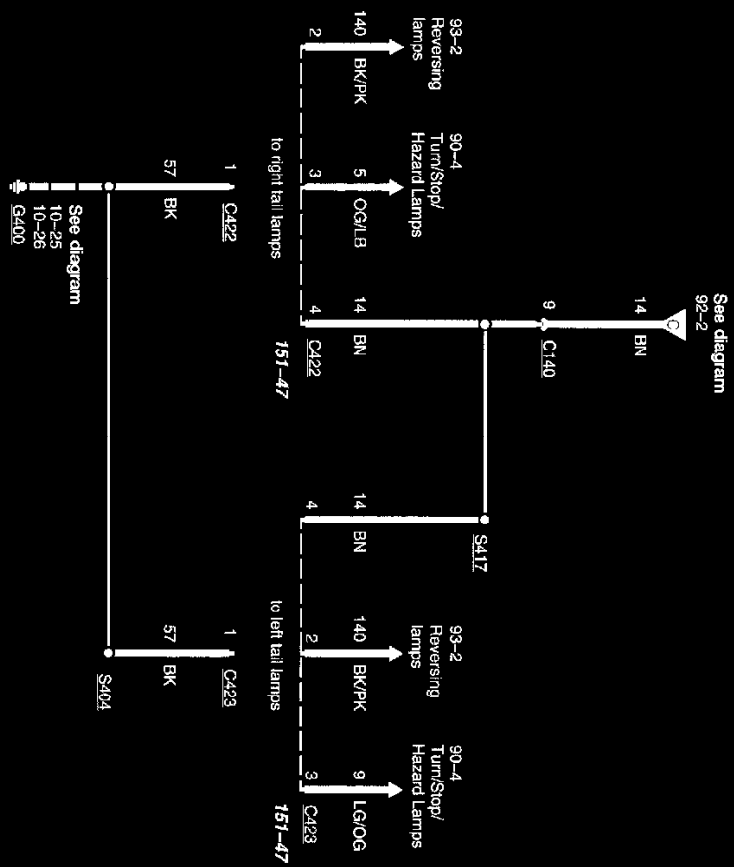




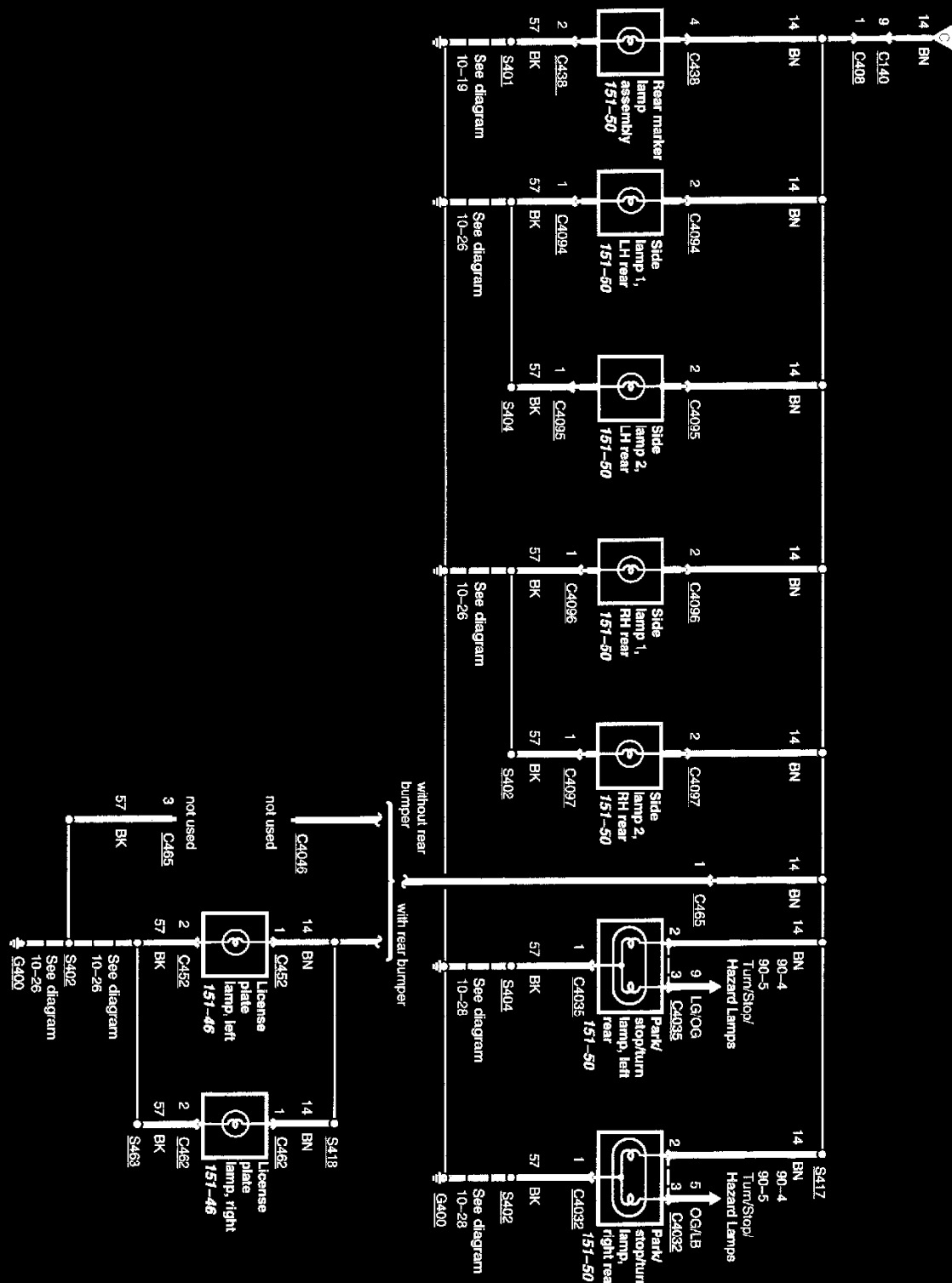
Pickup, without dual rear wheels



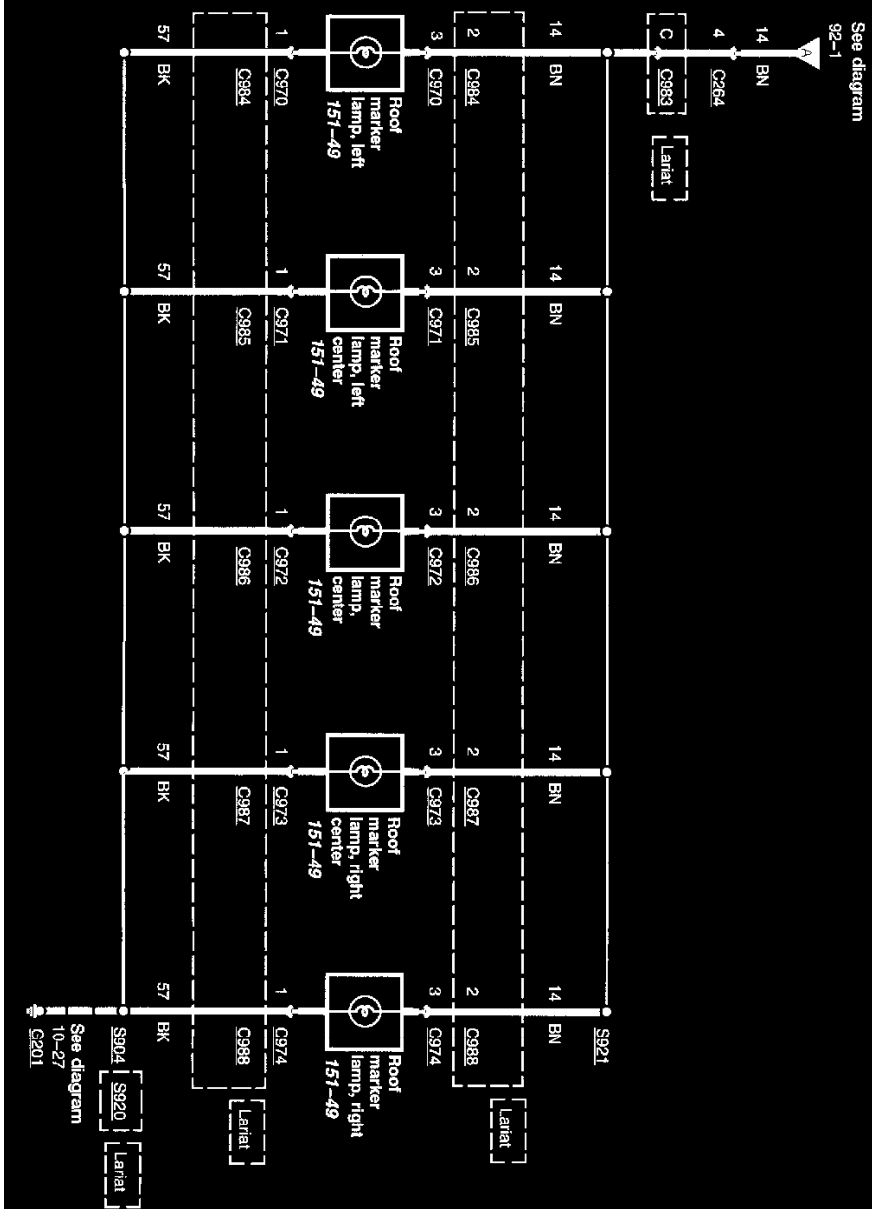
pickup without box



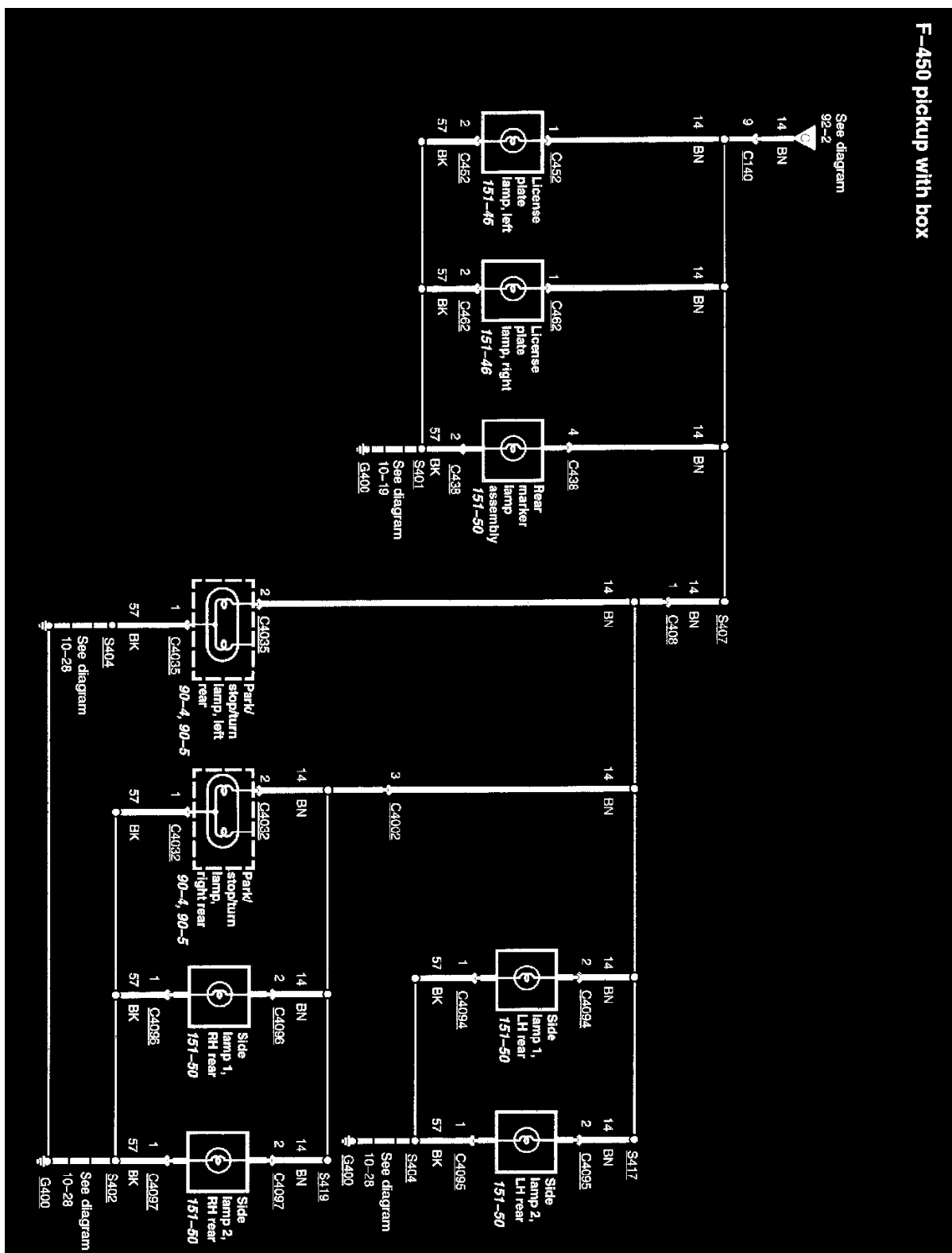
92-4

Pickup, with dual rear wheelsSee diagram
92-2

Pickup



F-450 pickup with box



92-7

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

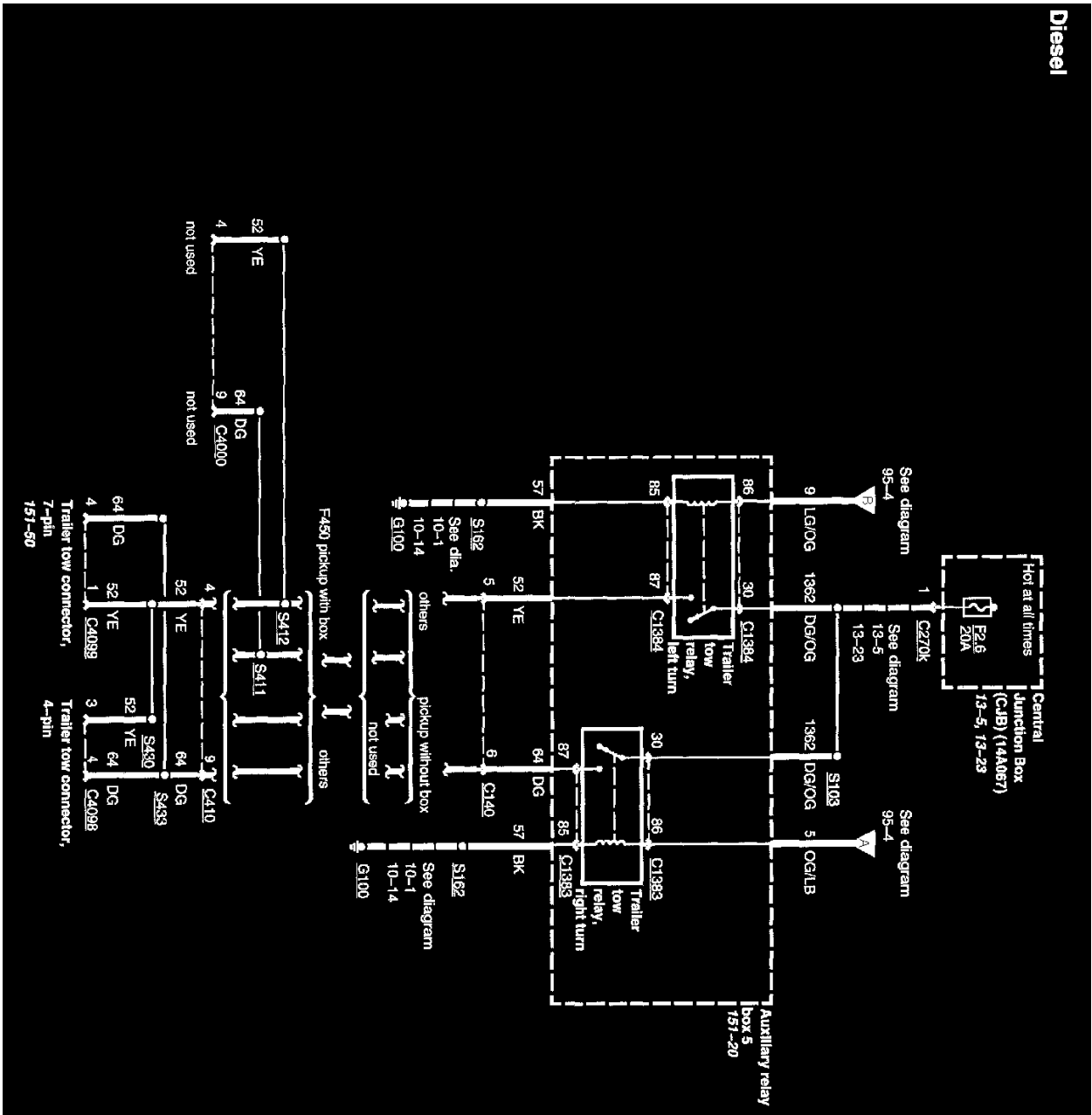
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Trailer Lamps

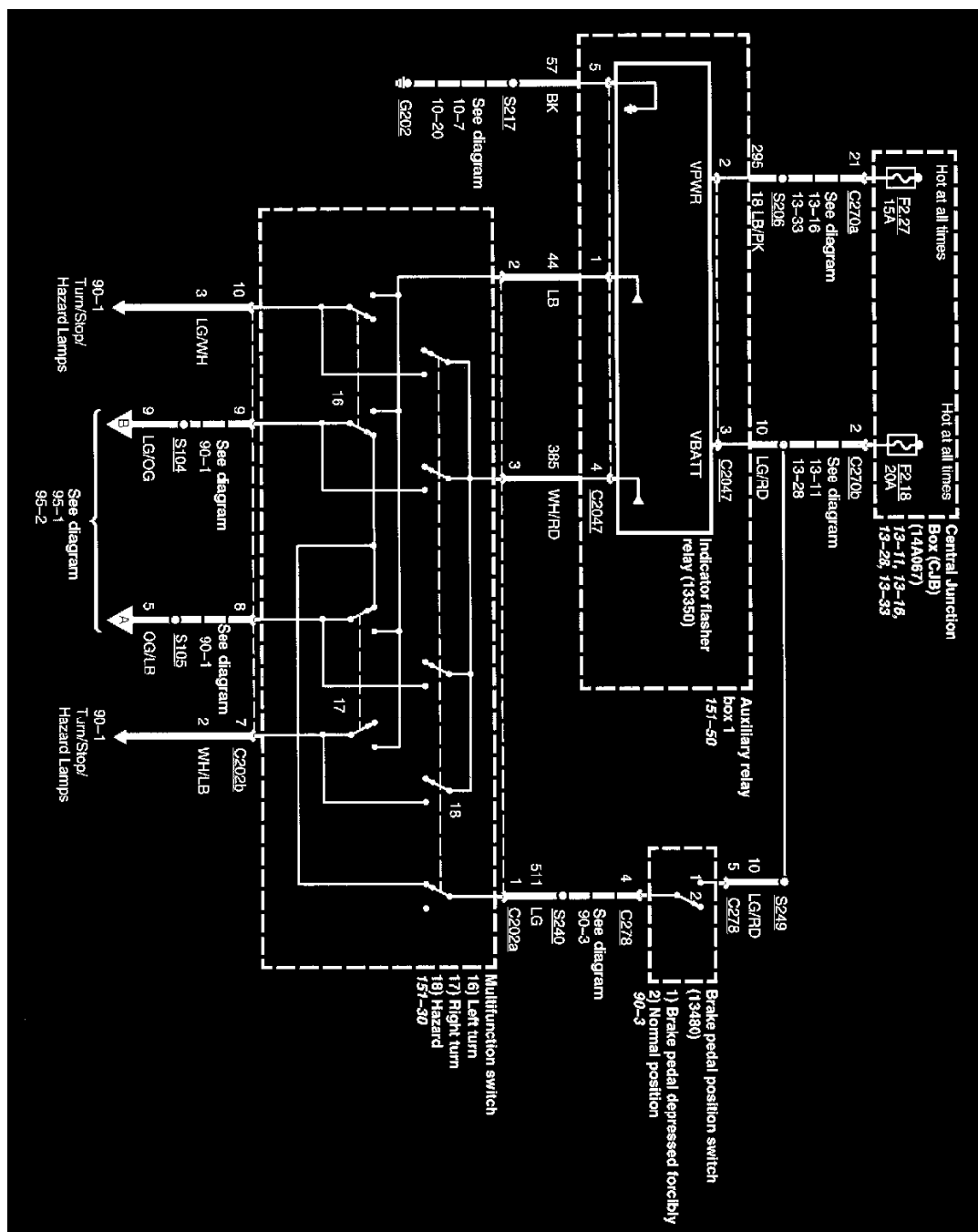
TRAILER/CAMPER ADAPTER

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Diesel

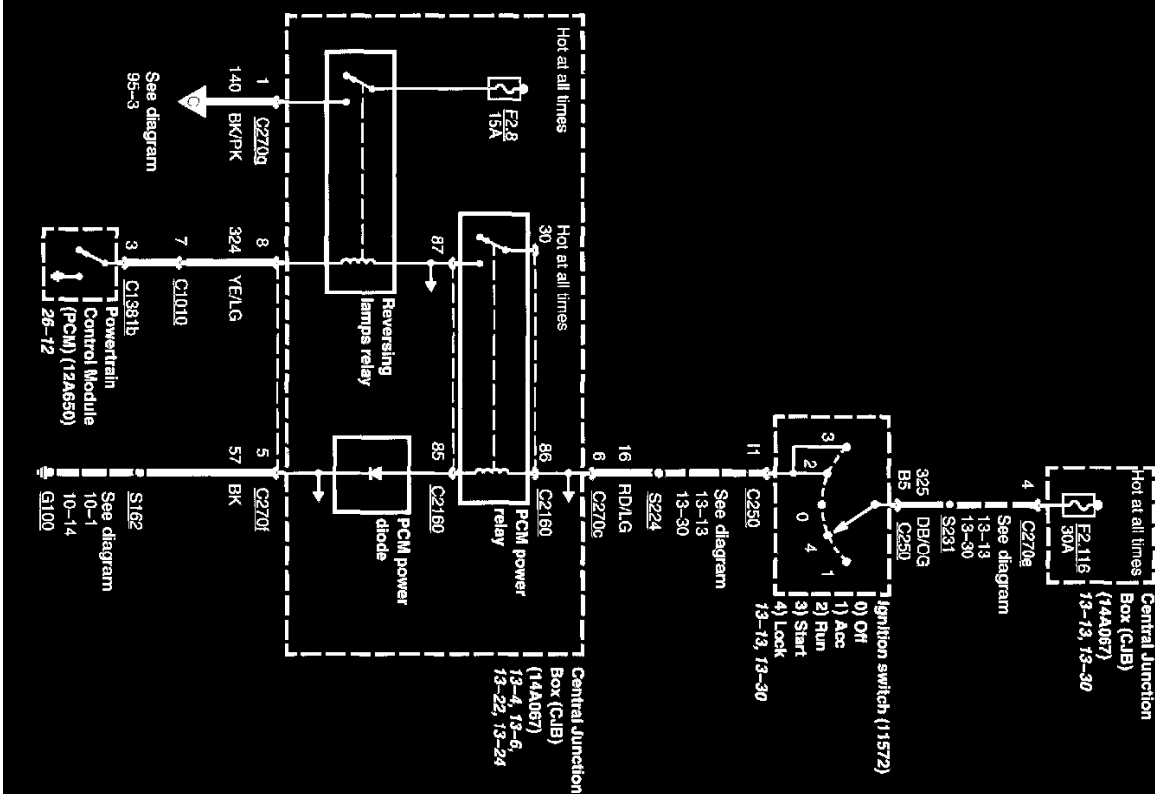








TorqShift



95-6

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Turn Signals

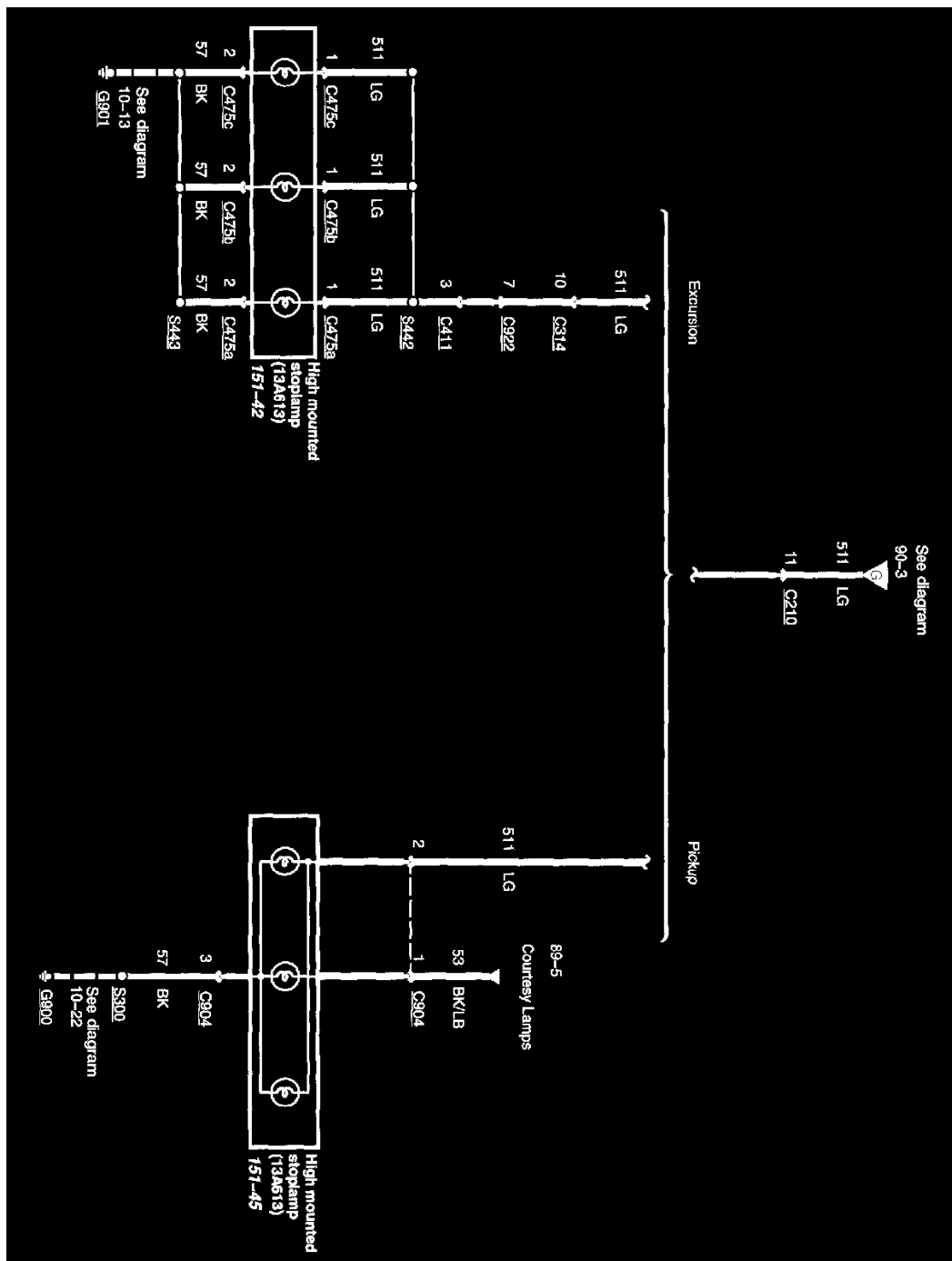
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

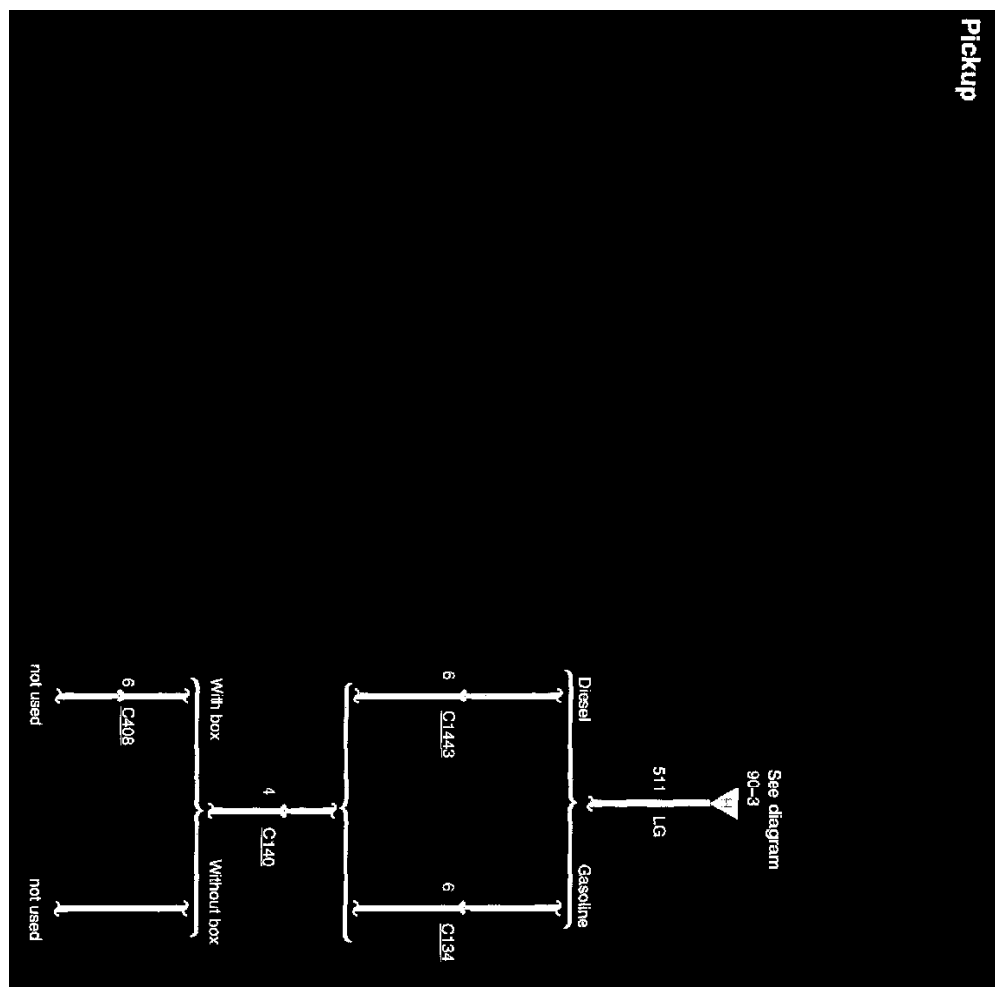






[illegible]





90-7

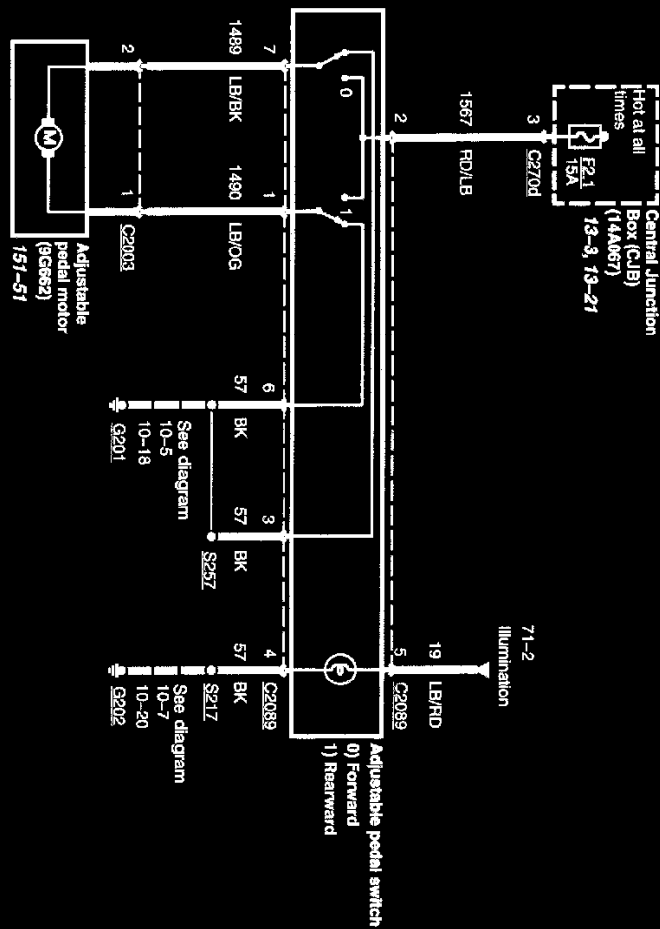
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

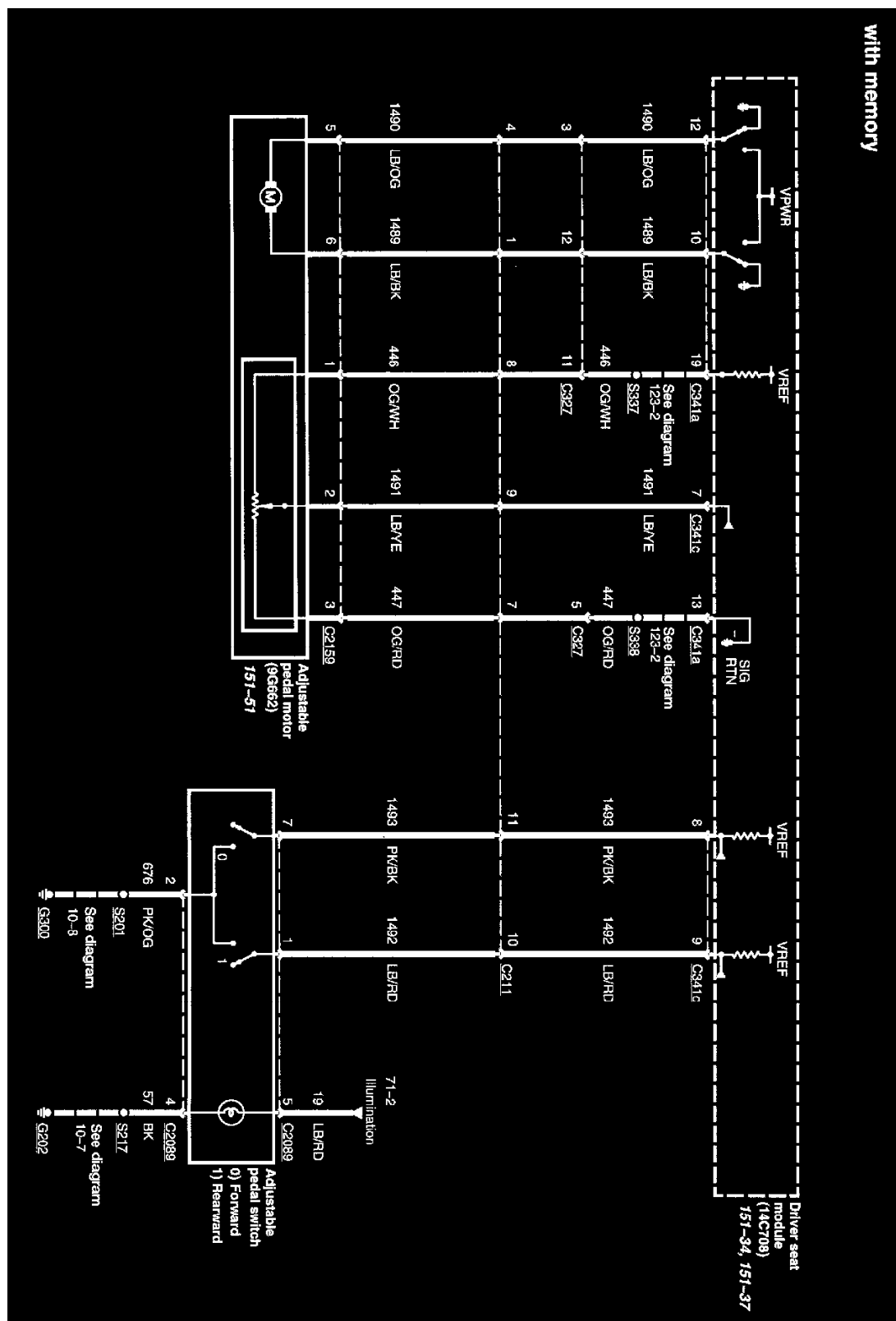
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Adjustable Pedal

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

without memory





127-2

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

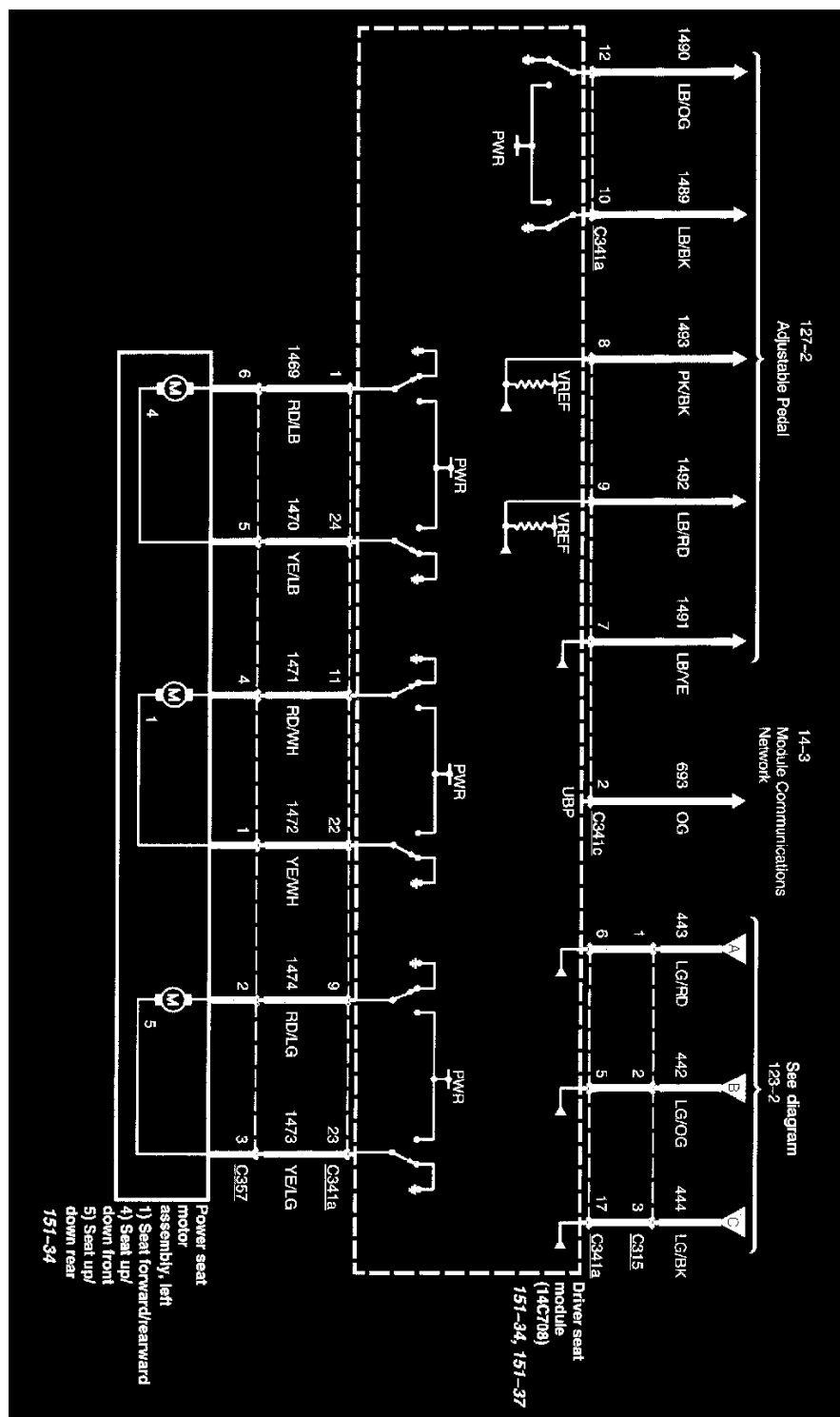
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Memory Seats

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.







123-3

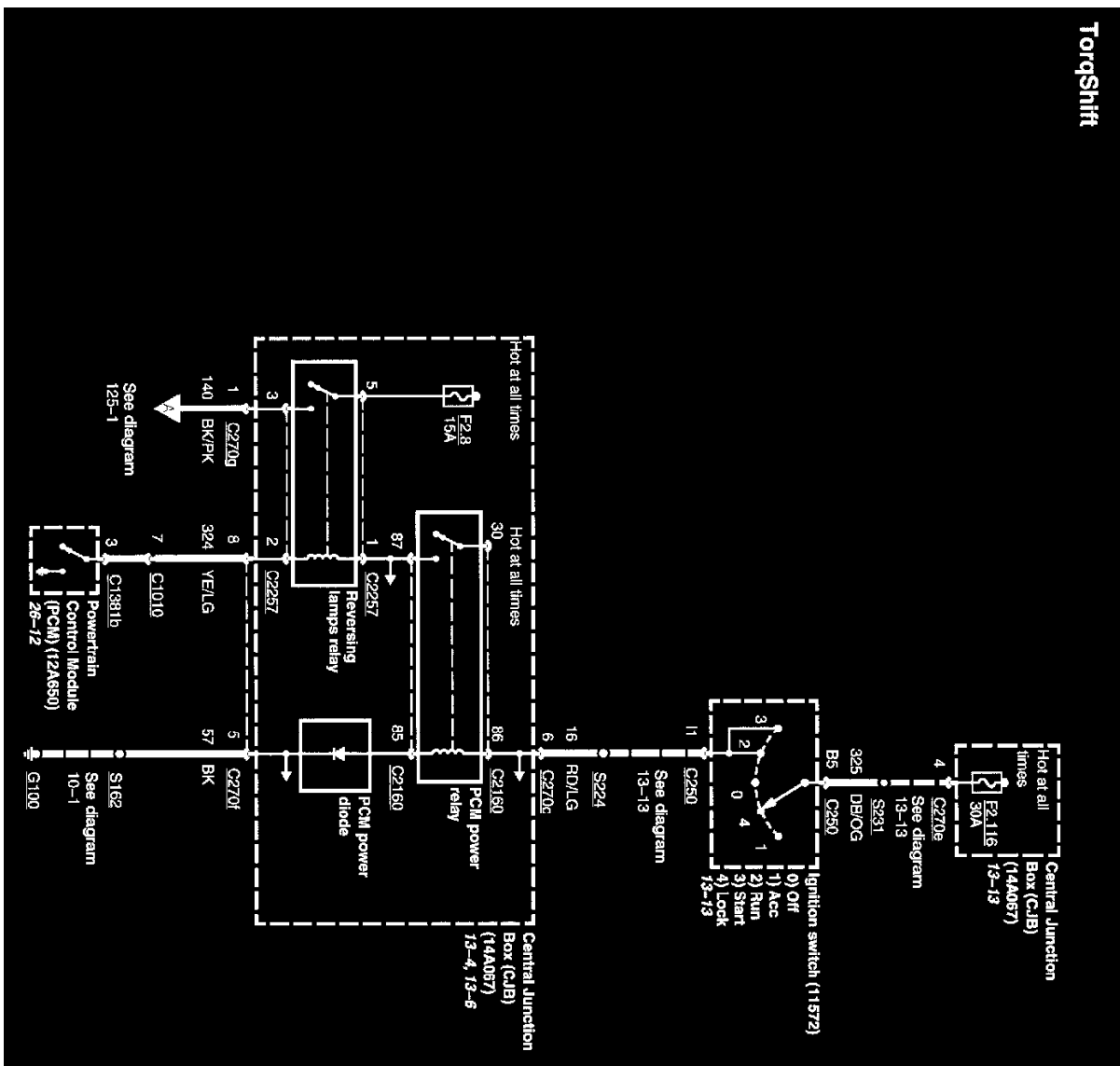
Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Electronic Day/Night Mirror

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





125-2

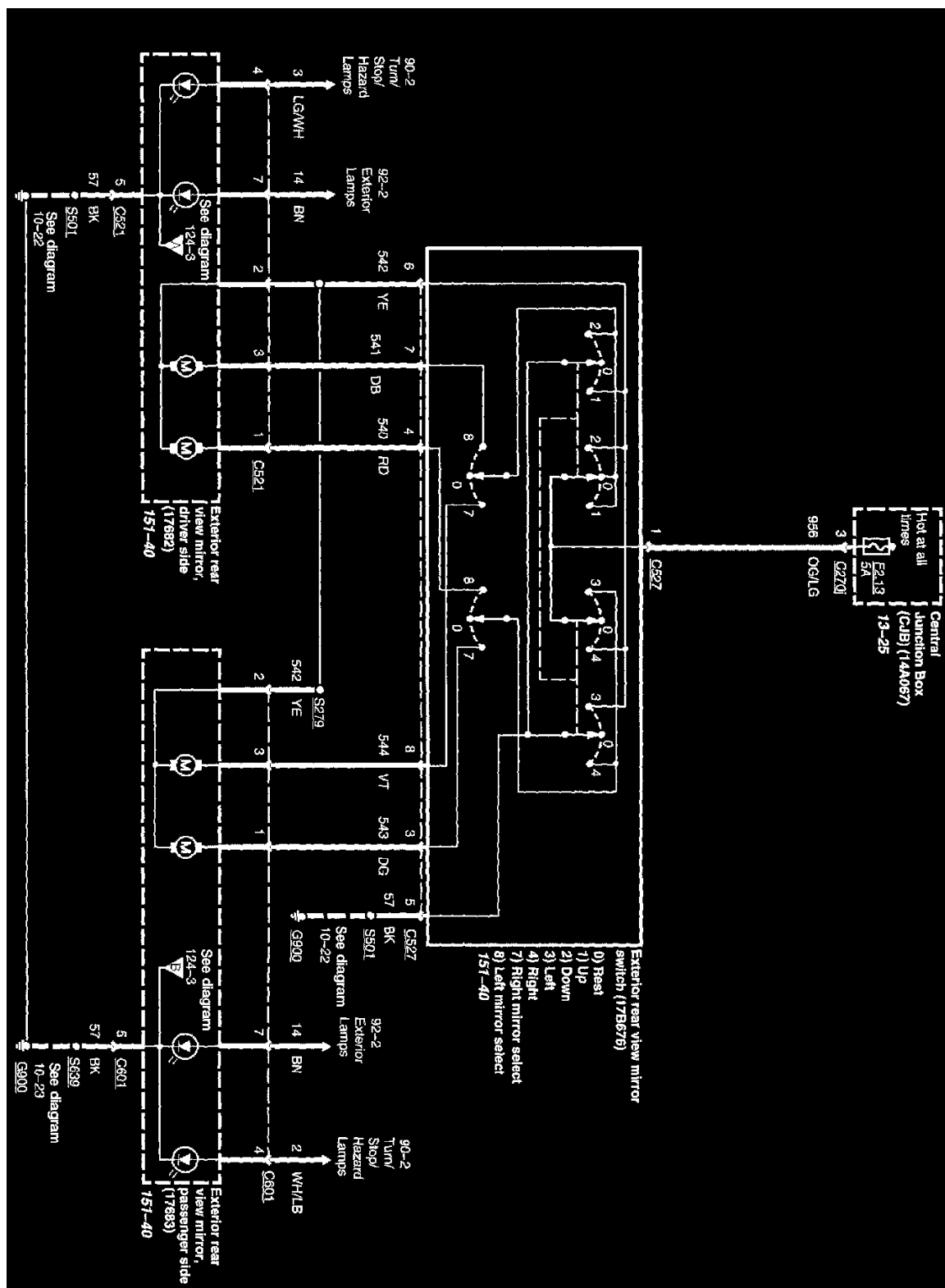
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

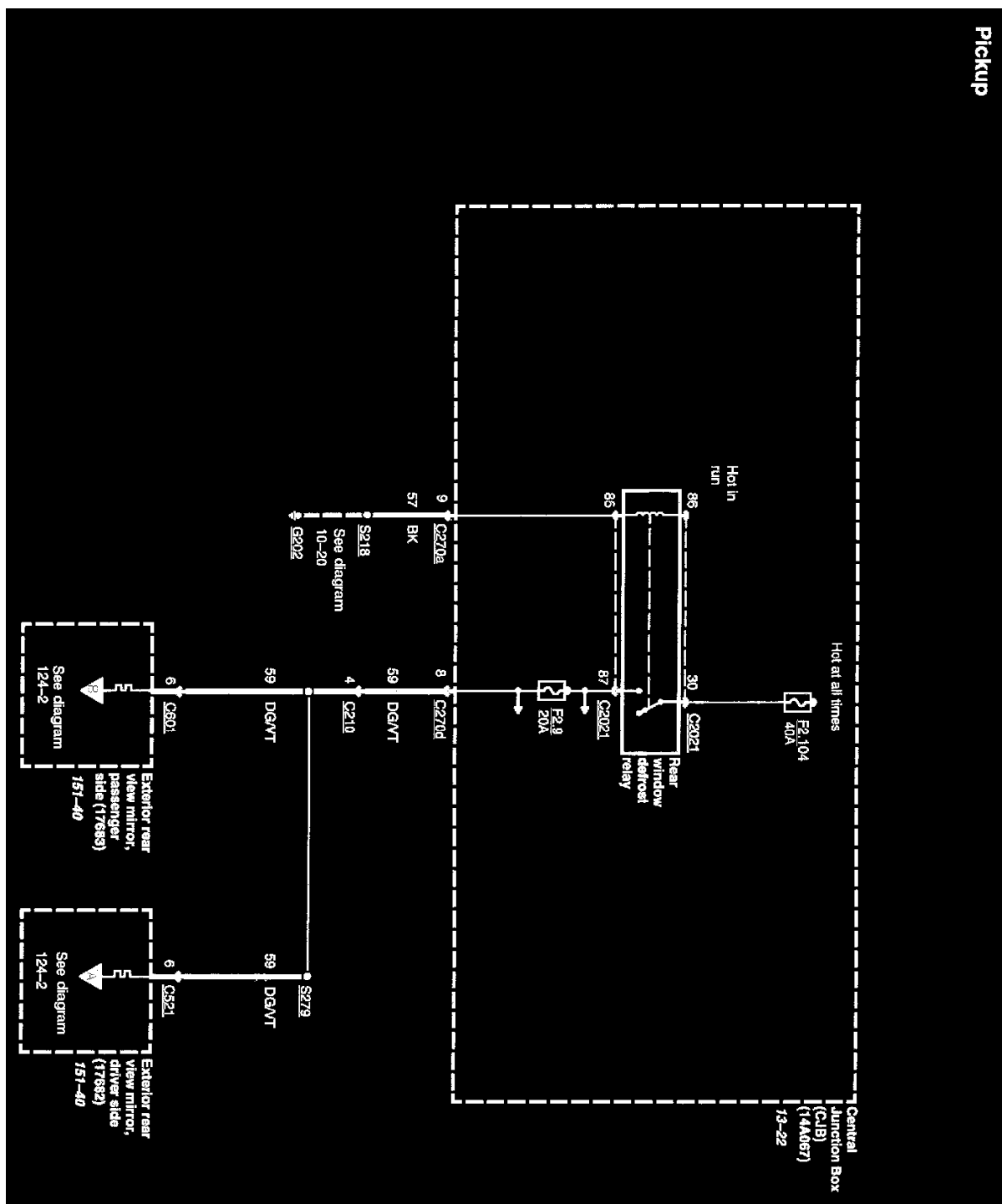
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Power Mirrors

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup





124-3

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Power Door Locks

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



[illegible]

110-3

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.
See: Components/Component Location Views

Accelerator pedal position sensor	26-7	Glow plug bank, right	26-6
Auxiliary Powertrain Control Module (APCM)	26-9	Glow Plug Control Module (GPCM)	26-6
Barometric Absolute Pressure (BAP) sensor	26-7	Inertia Fuel Shutoff (IFS) switch	26-2
Battery	26-6	Injection Control Pressure (ICP) sensor	26-8
Brake pressure switch	26-2	Injection Pressure Regulator (IPR)	26-6
Camshaft position sensor	26-10	Intermediate shaft speed sensor	26-12
Crankshaft position sensor	26-10	Manifold Absolute Pressure (MAP) sensor	26-7
EGR valve actuator	26-8	Manifold Air Temperature (MAT) sensor	26-8
Electronic Throttle Control (ETC) module	26-10	Mass Air Flow (MAF) sensor	26-1
Engine Coolant Temperature (ECT) sensor	26-8	Output Shaft Speed (OSS) sensor	26-12
Engine Oil Temperature (EOT) sensor	26-8	Parking Brake Switch	26-11
Exhaust Back Pressure (EBP) sensor	26-8	PCM power diode	26-1
Fuel heater	26-2	PCM power relay	26-1
Fuel heater relay	26-2	Speed sensor assembly	26-12
Fuel Inecotrs	26-4, 26-5	Throttle Position Sensor (TPS)	26-8
Fuel Injector Control Module (FICM) power relay	26-3	Turbine shaft speed sensor	26-12
Fuel pump	26-2	Variable geometric turbo actuator	26-10
Fuel pump relay	26-2	Water-in-fuel sensor	26-2
Glow plug bank, left	26-6		

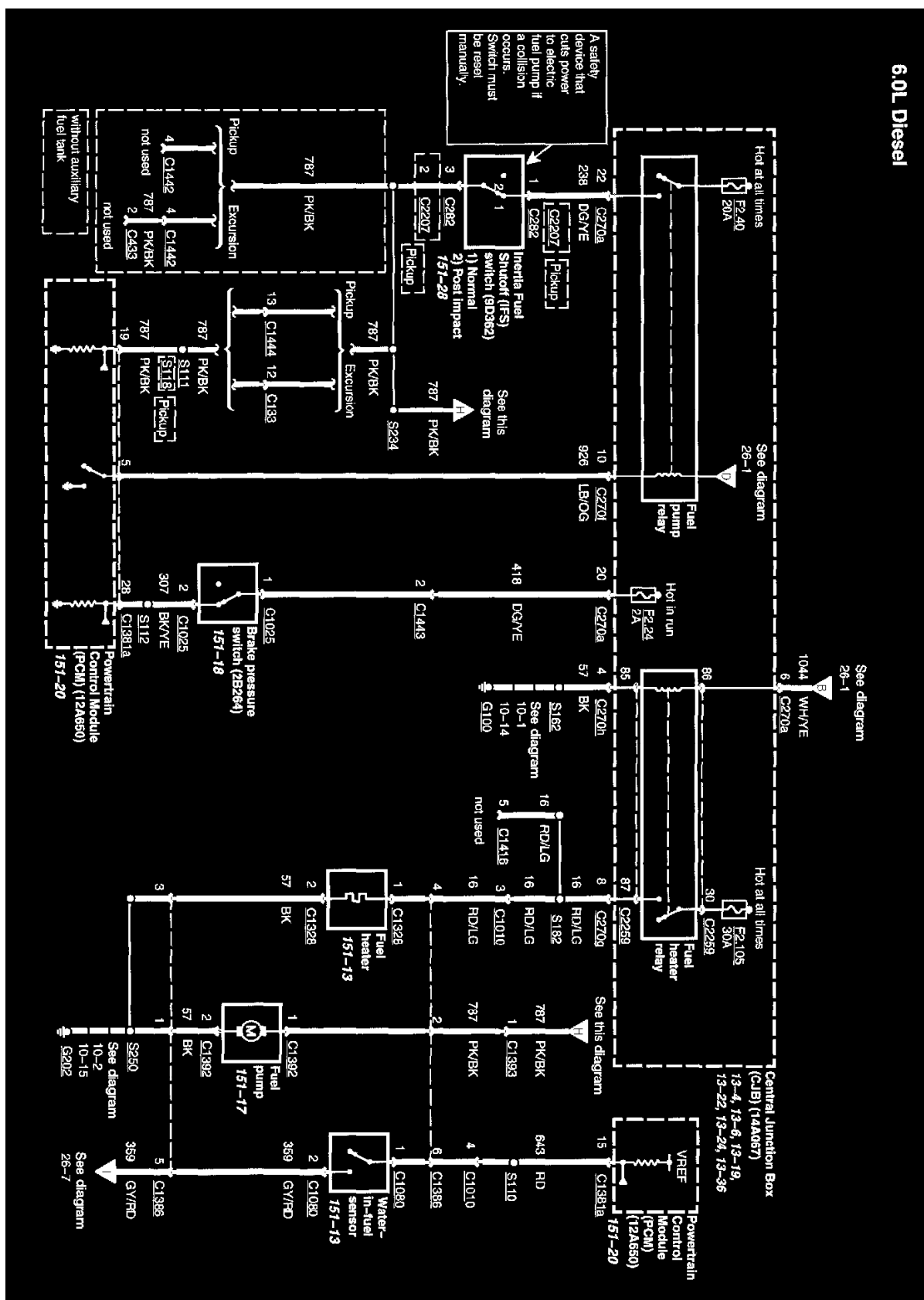
26-1

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do

6.0L Diesel



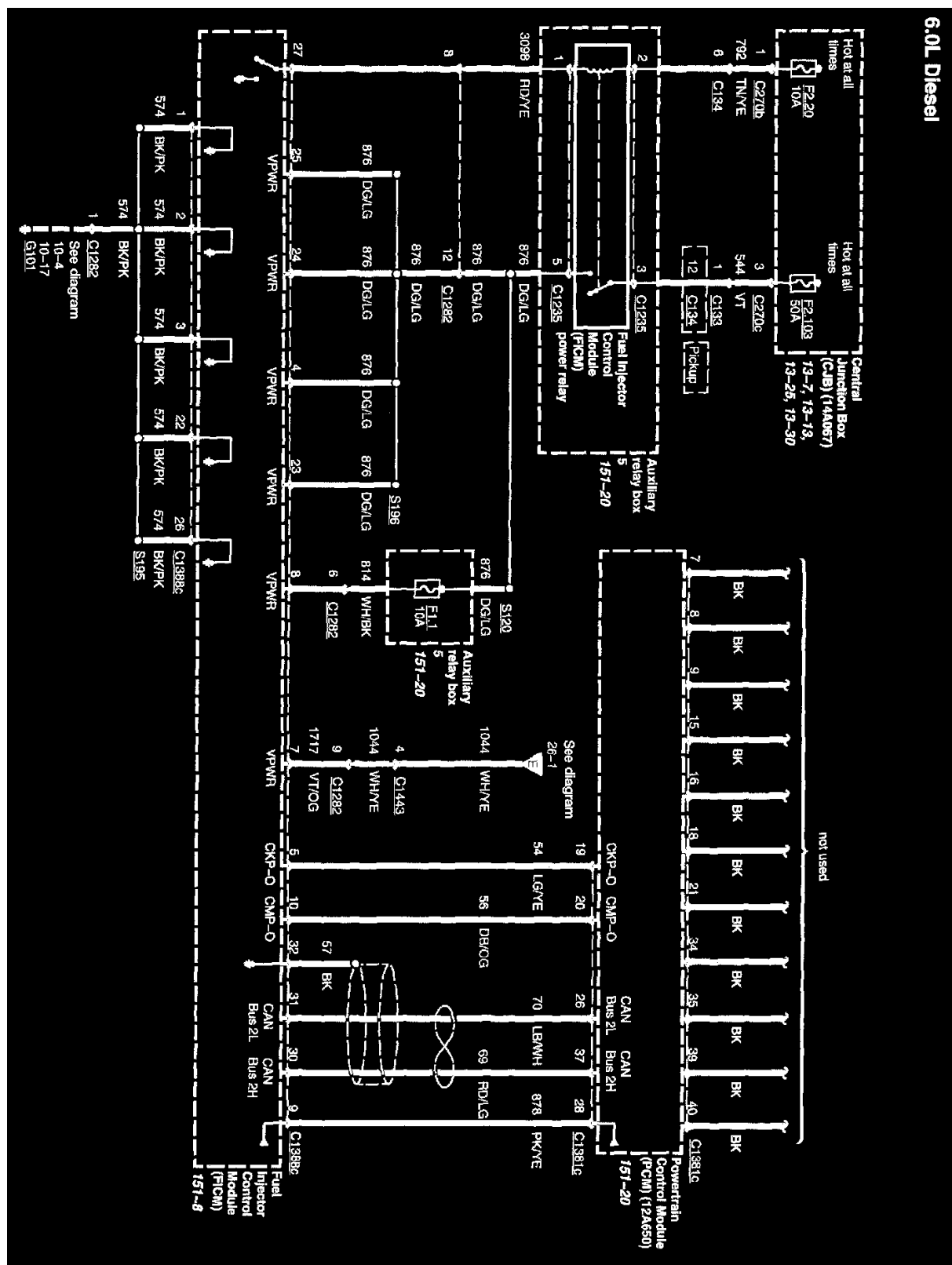
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See:

Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.
See: Components/Component Location Views

26-3

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



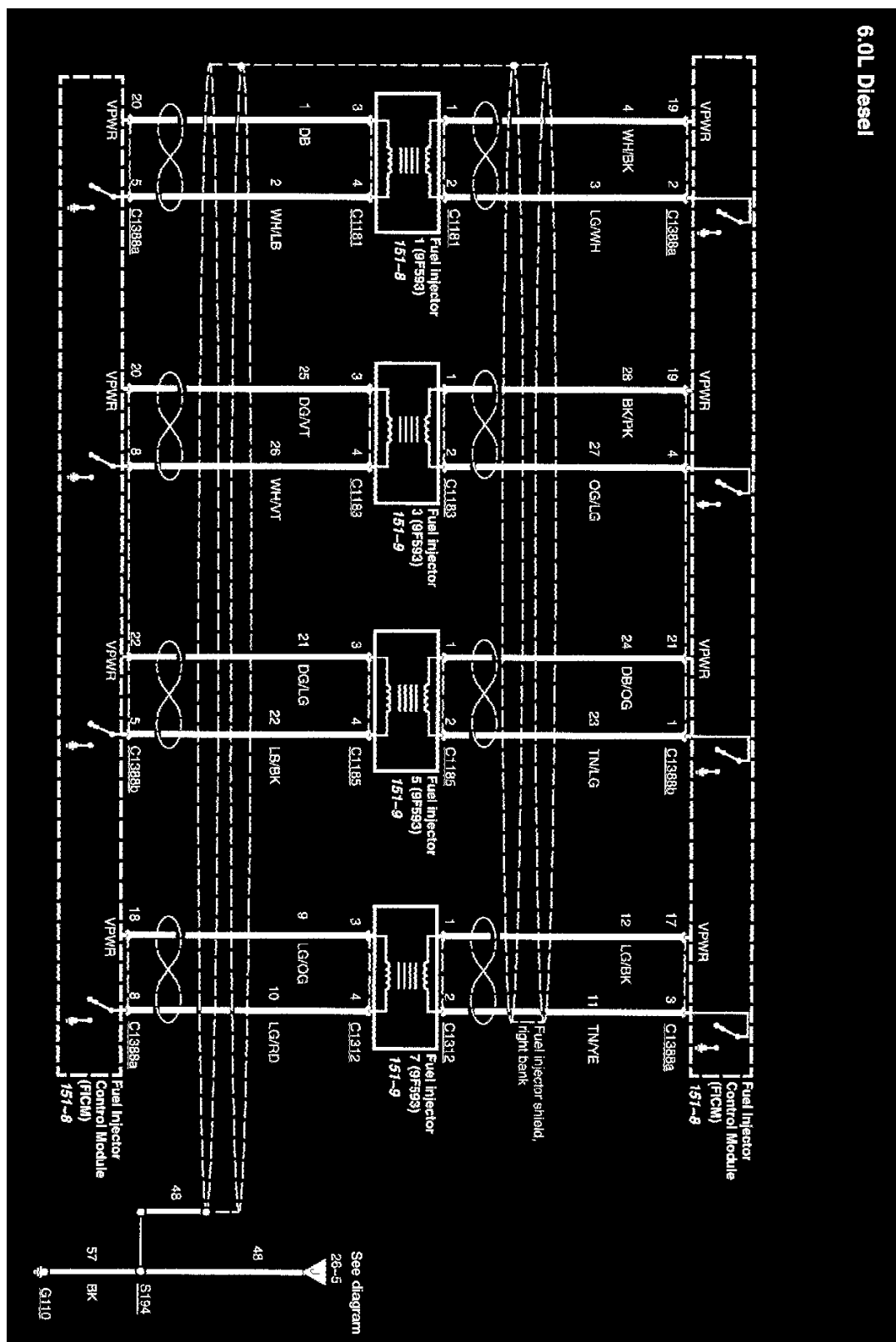
Previous Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-2

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

26-4

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



26-4

Next Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-5

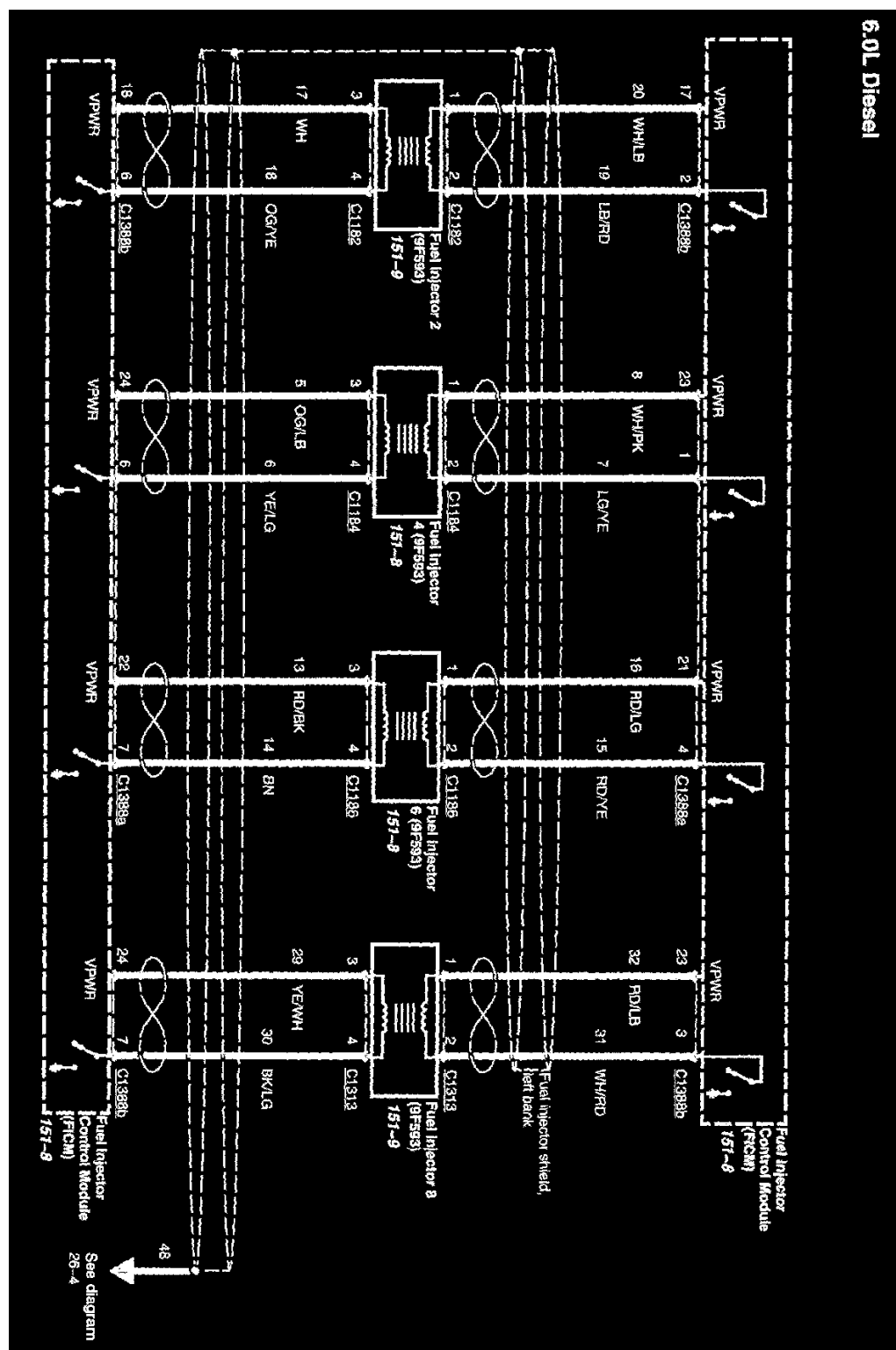
Previous Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-3

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

26-5

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



26-5

Next Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-6

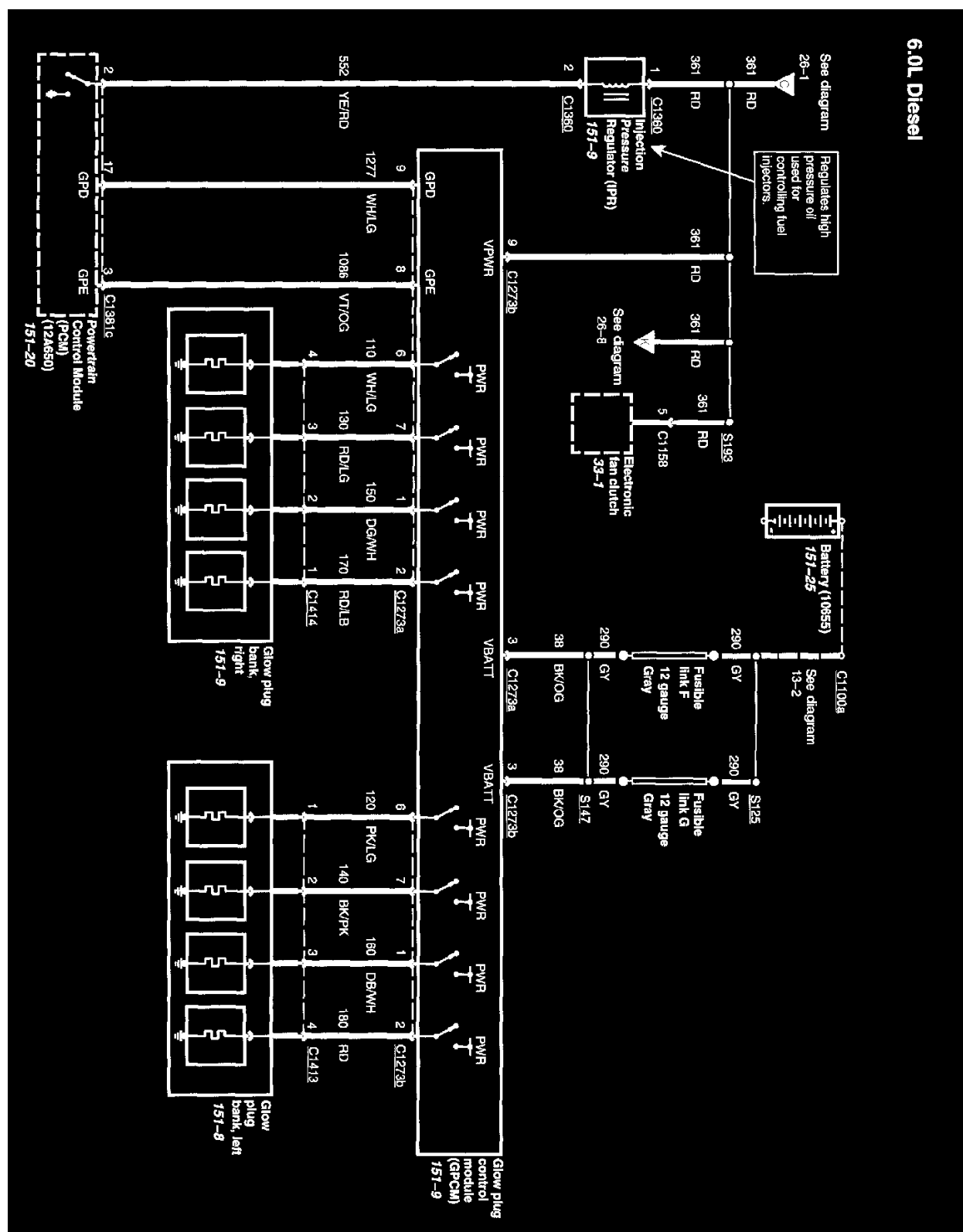
Previous Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-4

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

See: Components/Component Location Views

26-6

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



Previous Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-5

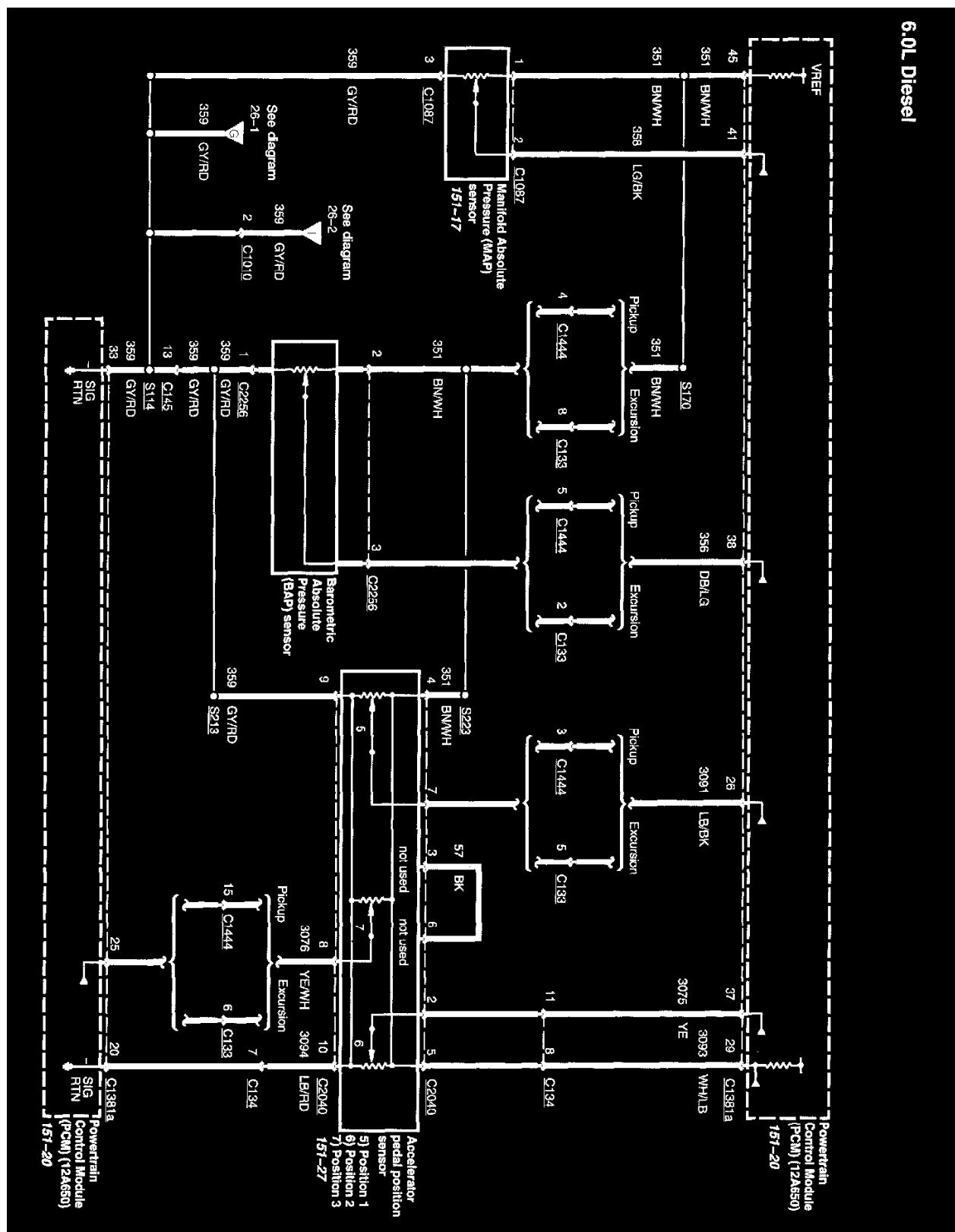
Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

26-7

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

6.0L Diesel



26-7

Next Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-8

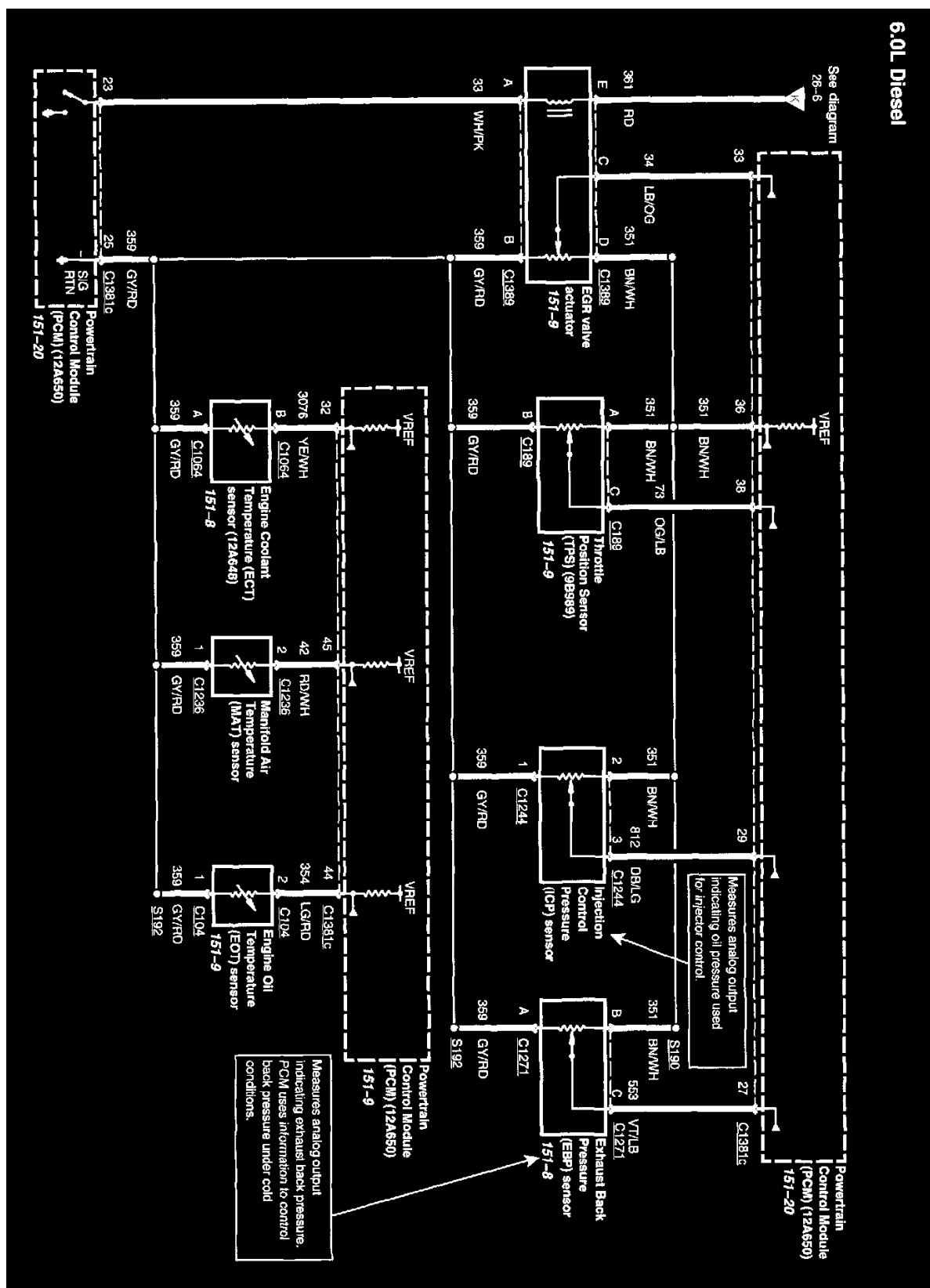
Previous Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-6

Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

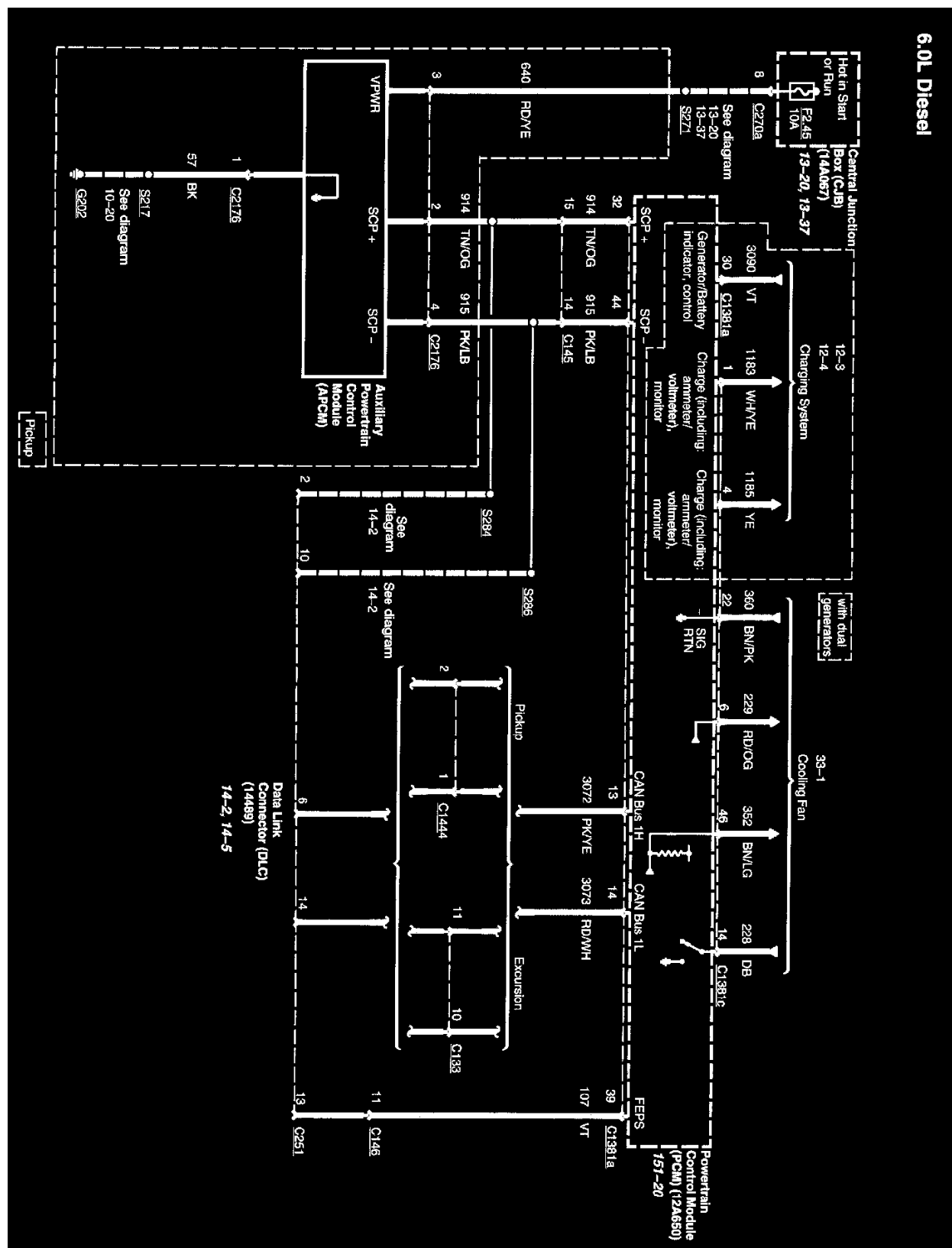
26-8

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.
See: Components/Component Location Views

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



26-9

Next Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-10

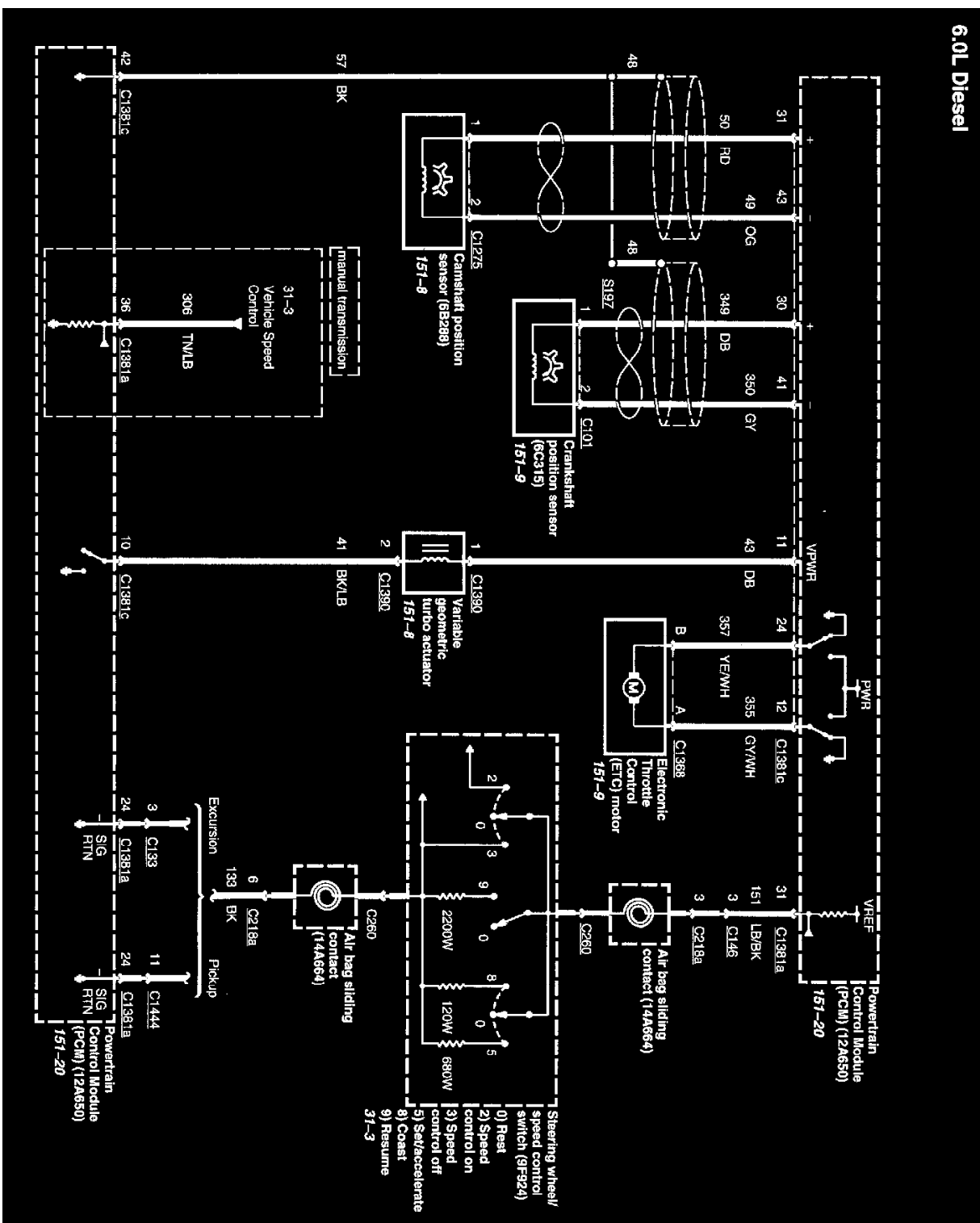
Previous Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-8

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

26-10

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



26-10

Next Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-11

Previous Diagram See: Electrical Diagrams/Powertrain Management/System Diagram/26-9

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

26-11

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



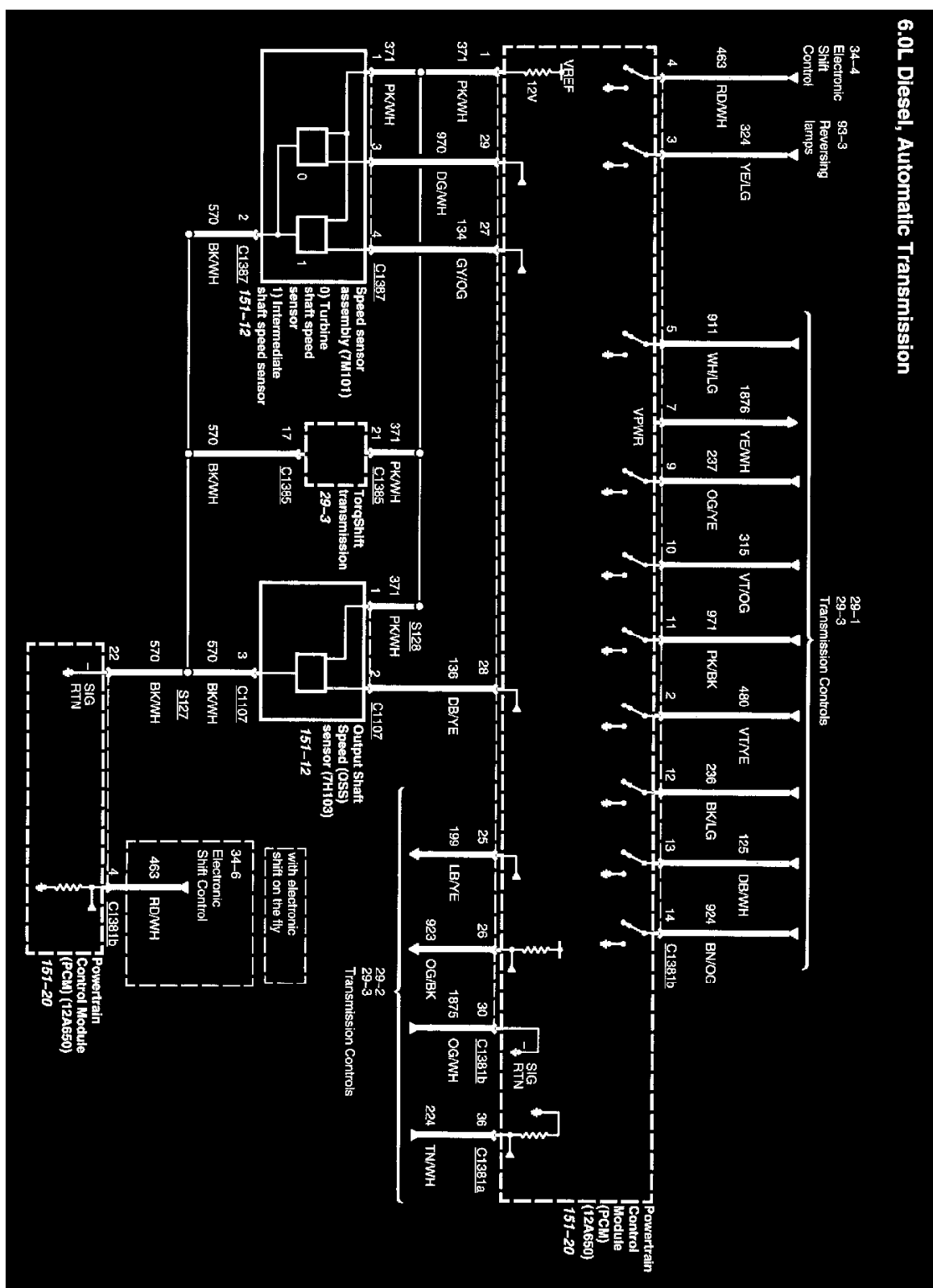
Diagrams: Other diagrams referred to by number (See Diagram ###, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.

See: Components/Component Location Views

26-12

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



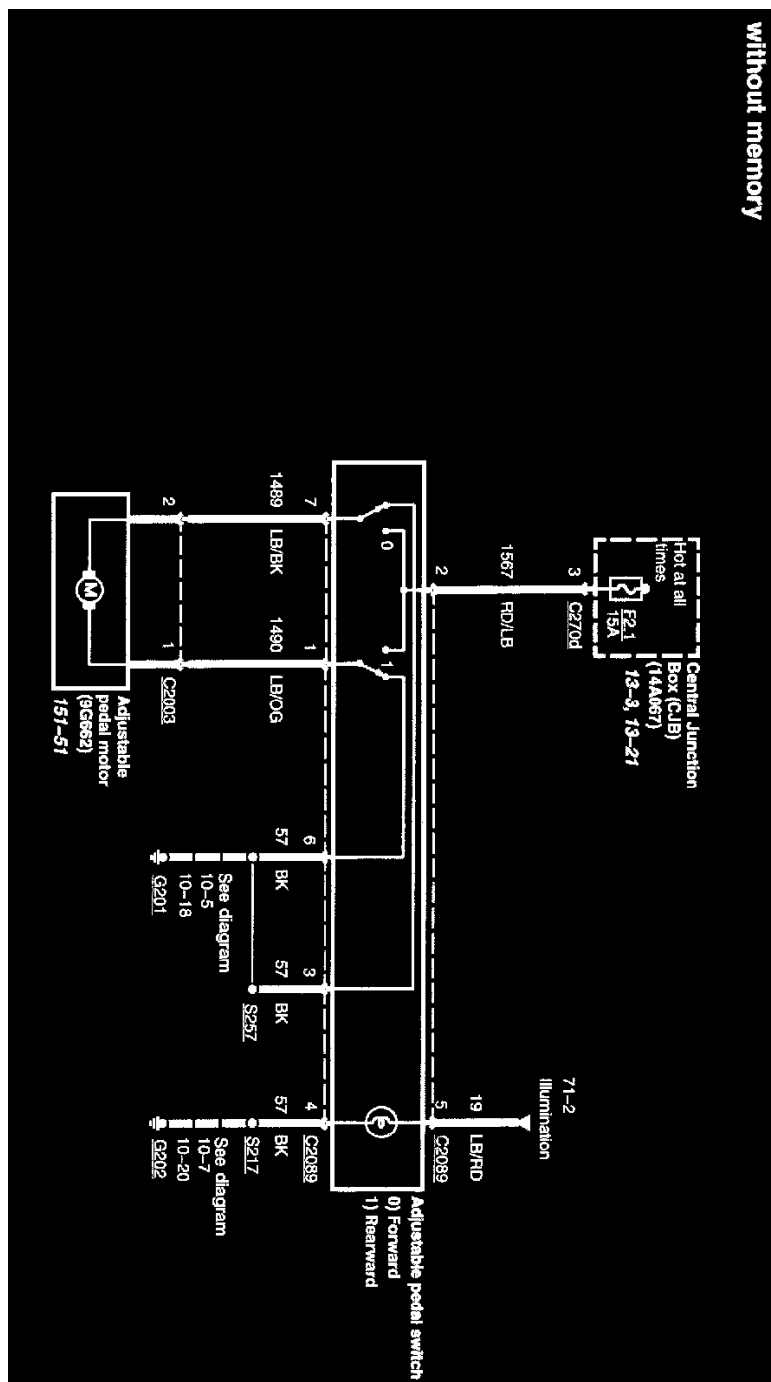
Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Accelerator Pedal

ADJUSTABLE PEDAL

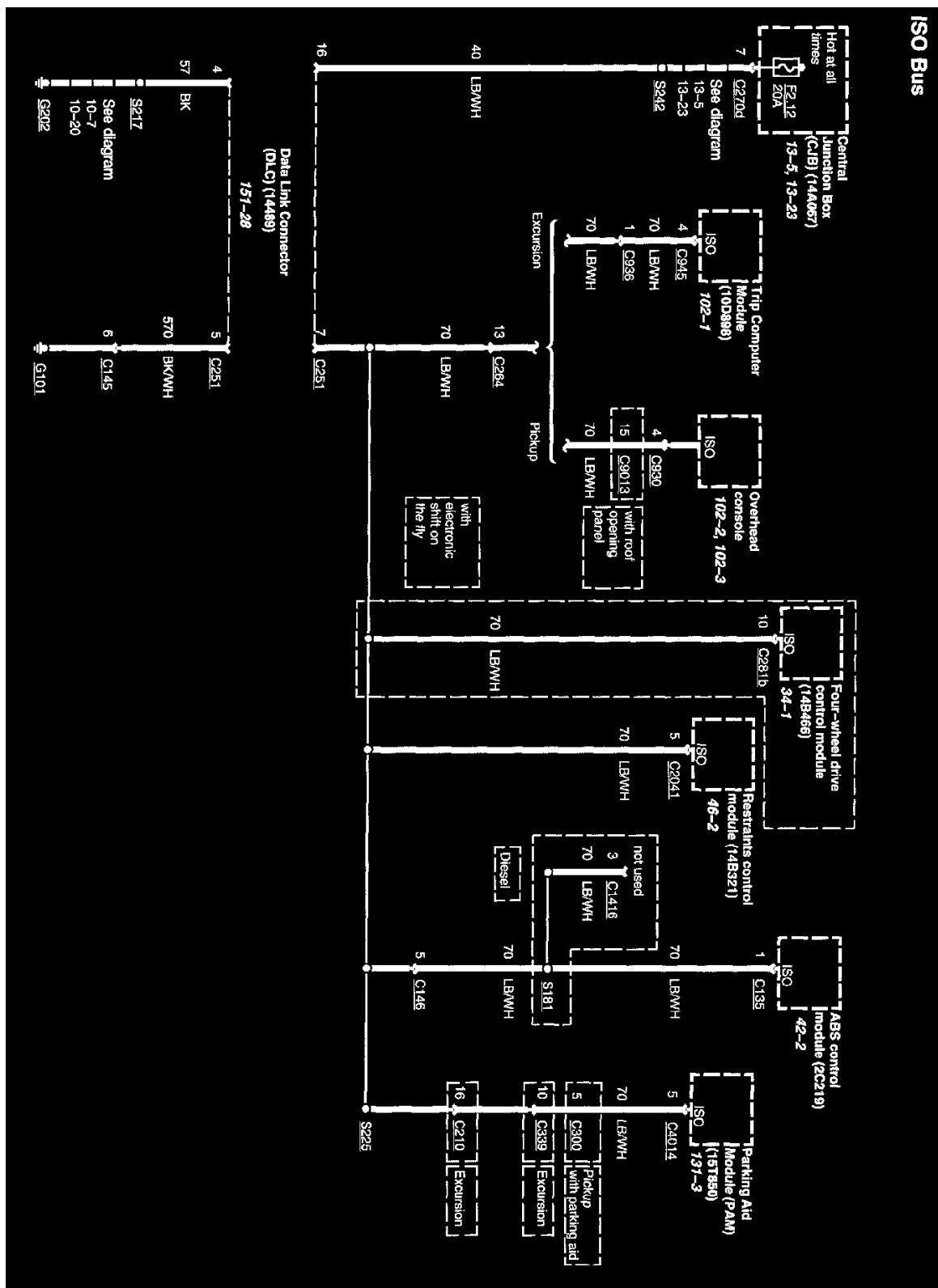
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

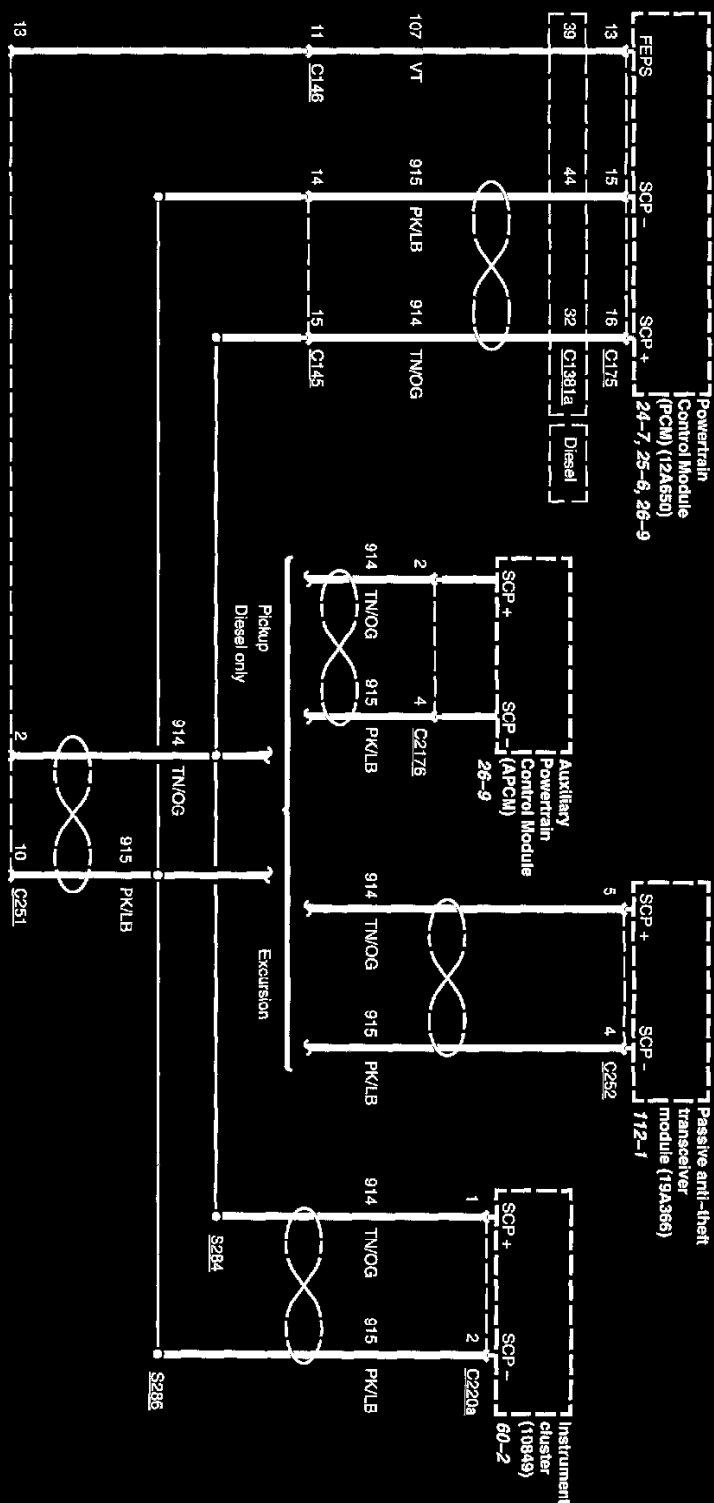




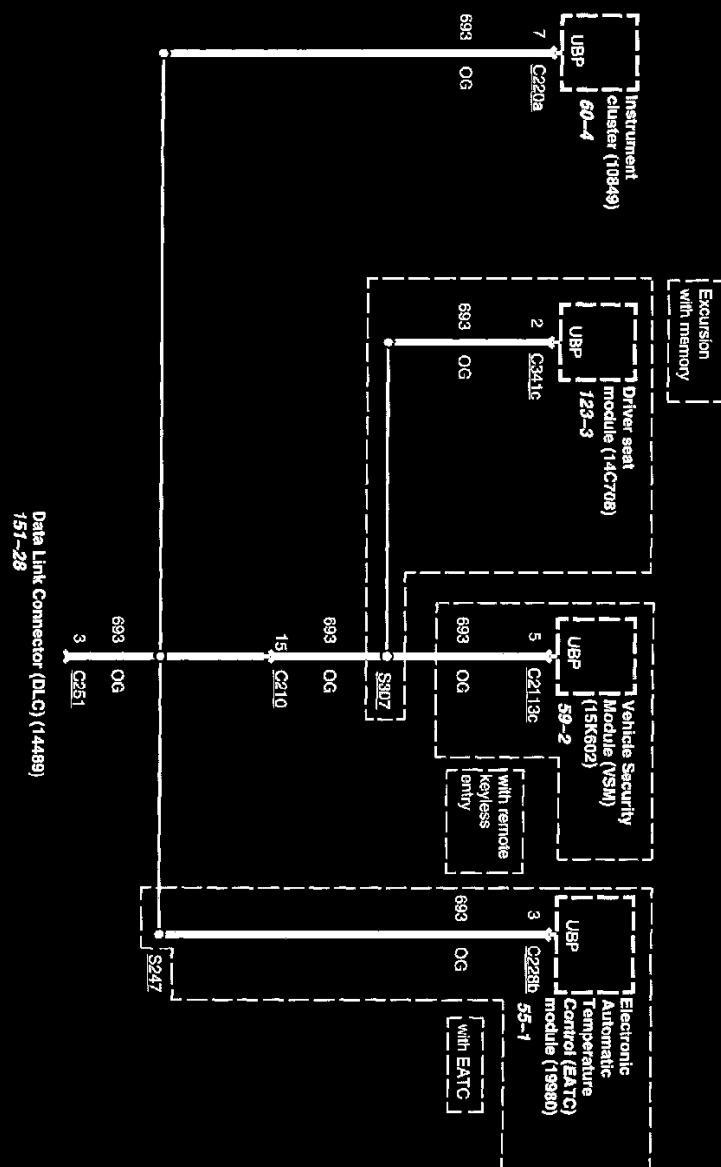
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

ISO Bus

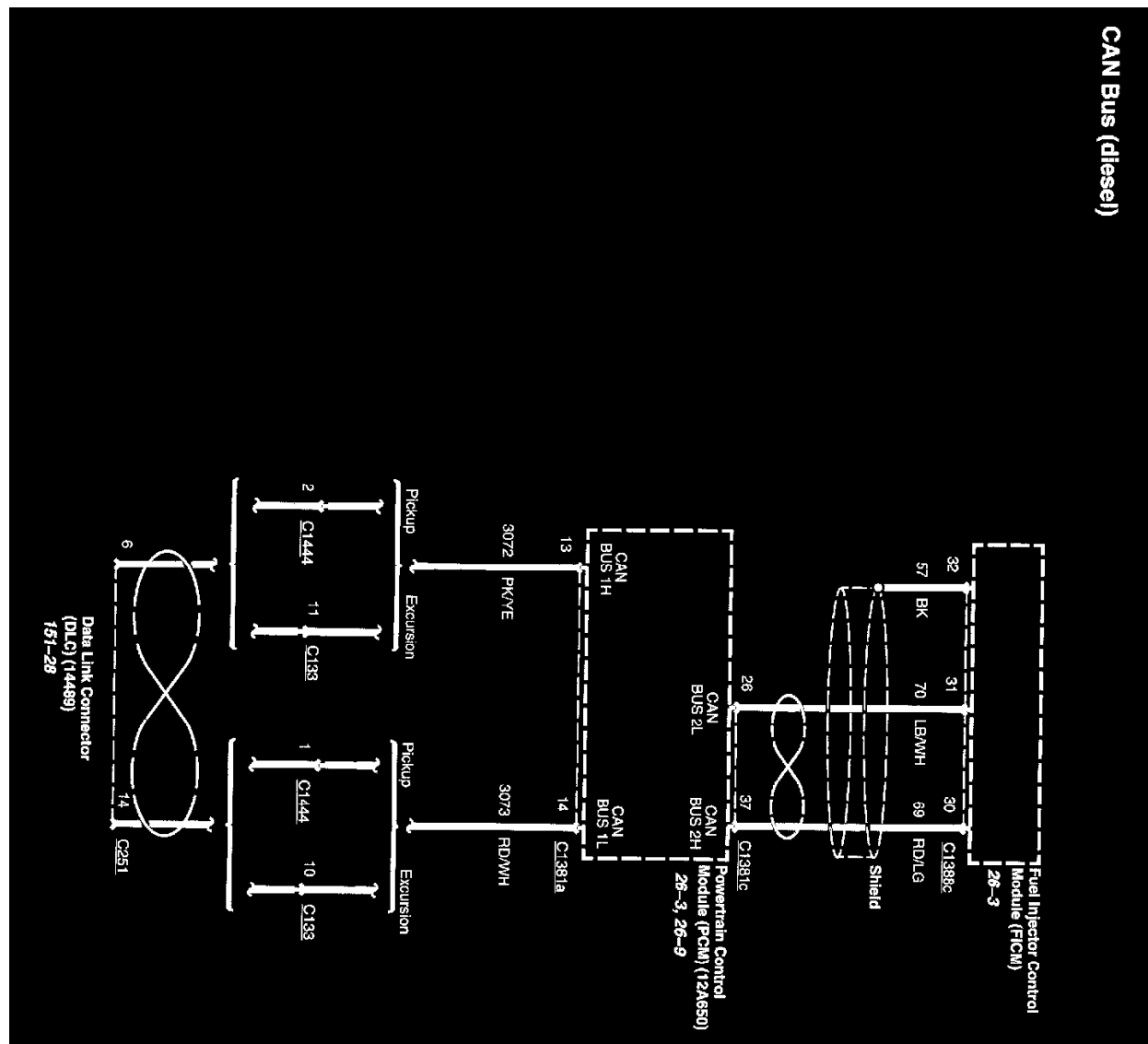




UBP Bus



CAN Bus (diesel)



14-5

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

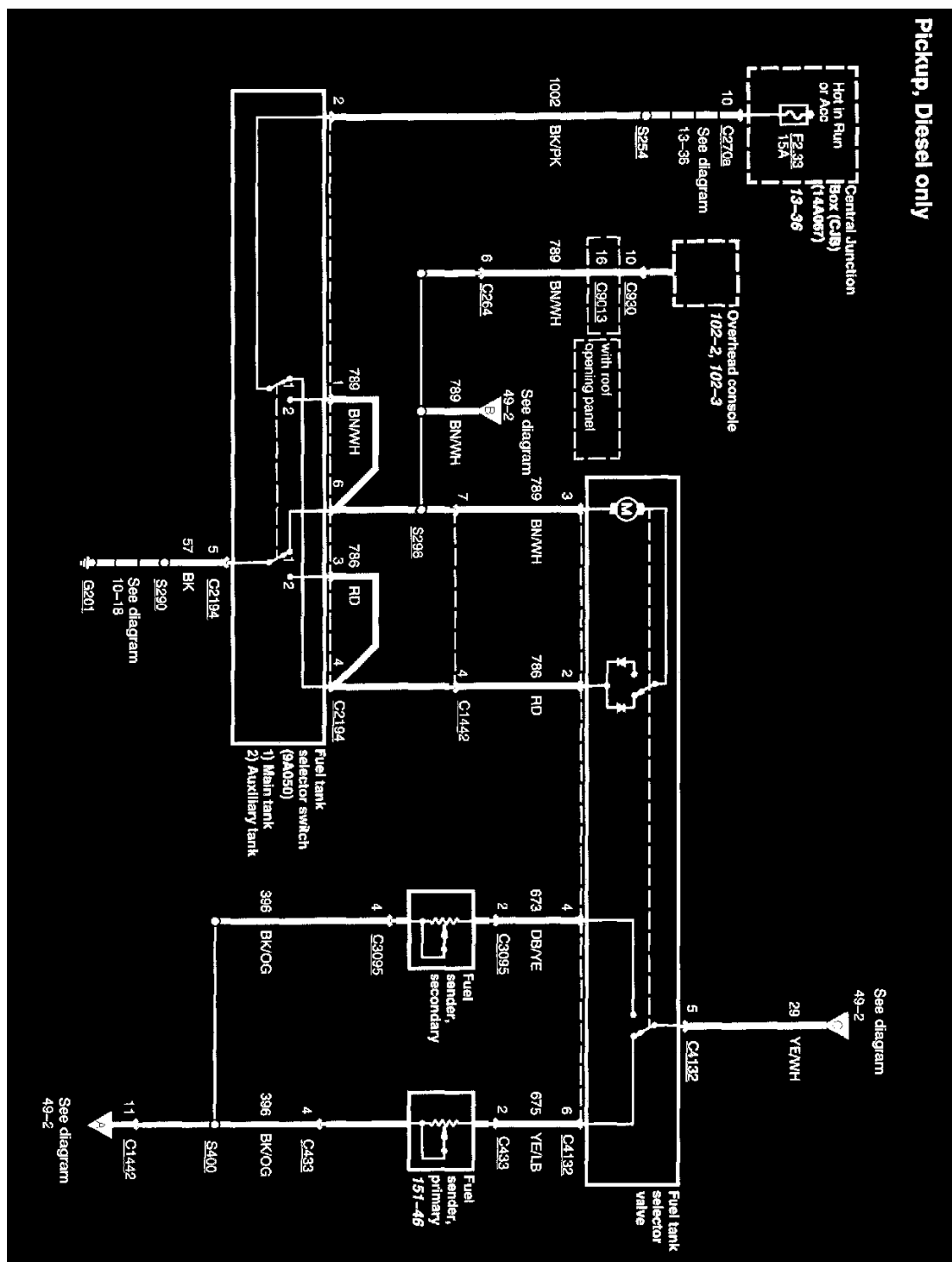
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

System Diagram

FUEL TANK SELECTOR

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup, Diesel only



[illegible]

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.
See: Components/Component Location Views

FUEL TANK SELECTOR

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

[illegible]

Pickup, Diesel only

The diagram shows the wiring for the Instrument cluster (10849). It includes connections to:

- BK/OG (396)
- ENMWH (789)
- YEMH (29)
- C1442 (1)
- SIG RTN (-)
- C220a (4)
- C220a (3)
- S208 (29)
- C1442 (1)

Refer to the diagram 49-1 for more details.

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

FUEL TANK SELECTOR

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Pickup, Diesel only

Hot in Run
Box (C18)
(14A067)
E233
13-36
13A

Central Junction

Overhead console
102-2, 102-3

See diagram
13-36

See diagram
1002 BK/PK

789 BNWH

16 C980
C9013
with roof
opening panel

6 C264

789 BNWH

See diagram
49-2

789 BNWH

7 789 BNWH

3 BNWH

2 RD

4 RD

2 C1442

4 C2194

789 BNWH

6 RD

3 RD

4 RD

2 C2194

Fuel tank
selector switch
(9A050)
1) Main tank
2) Auxiliary tank

57 BK
S290
See diagram
10-18
G201

See diagram
49-2

29 YEWB

5 C4132

Fuel tank
selector
valve

4 673 DBVE
2 C3095

Fuel
sender,
secondary

4 C3095

396 BK/OG

4 675 YELB
2 C433

Fuel
sender,
primary
151-46

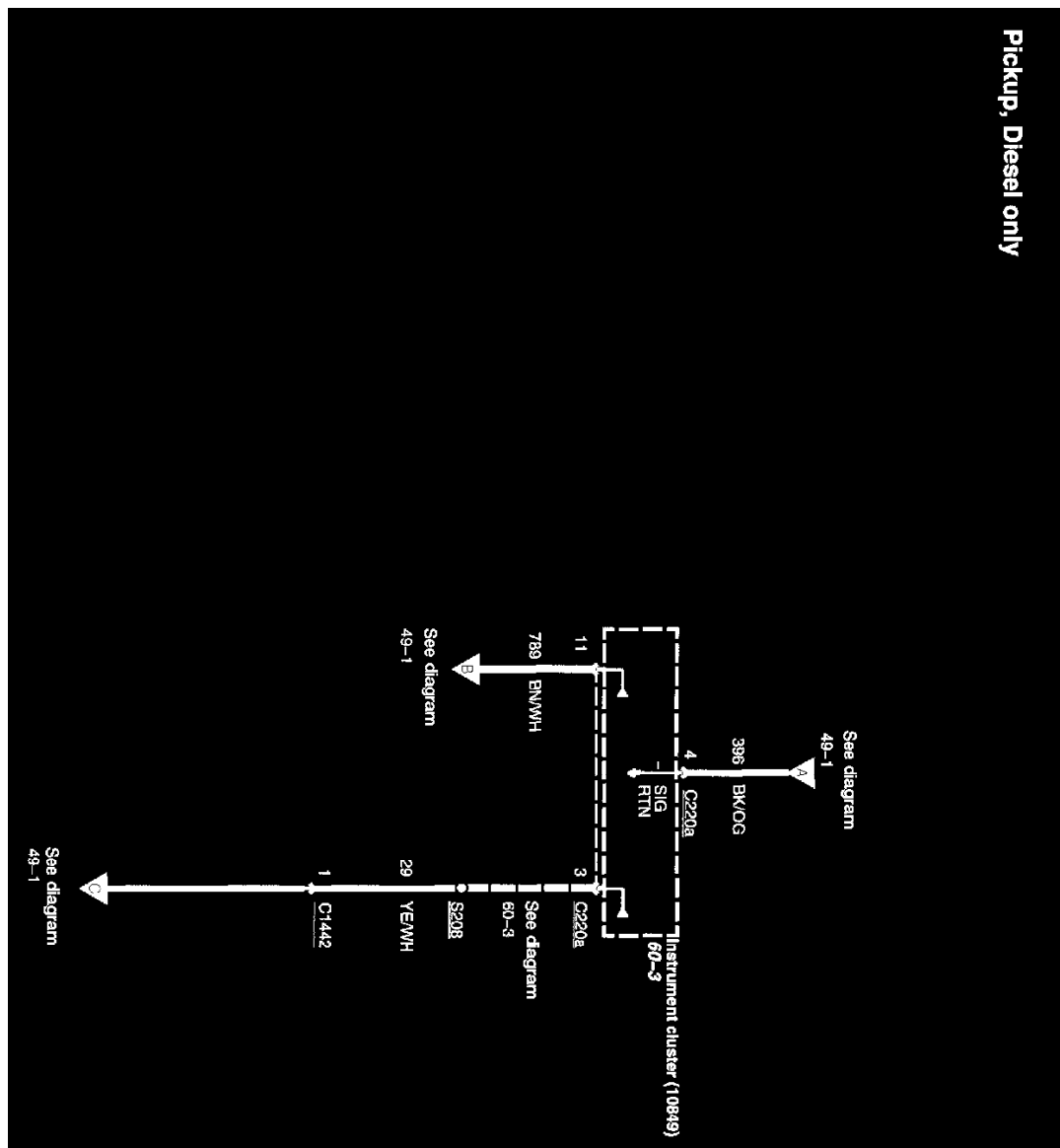
4 C433

396 BK/OG

5400

11 C1442
See diagram
49-2

Pickup, Diesel only



49-2

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

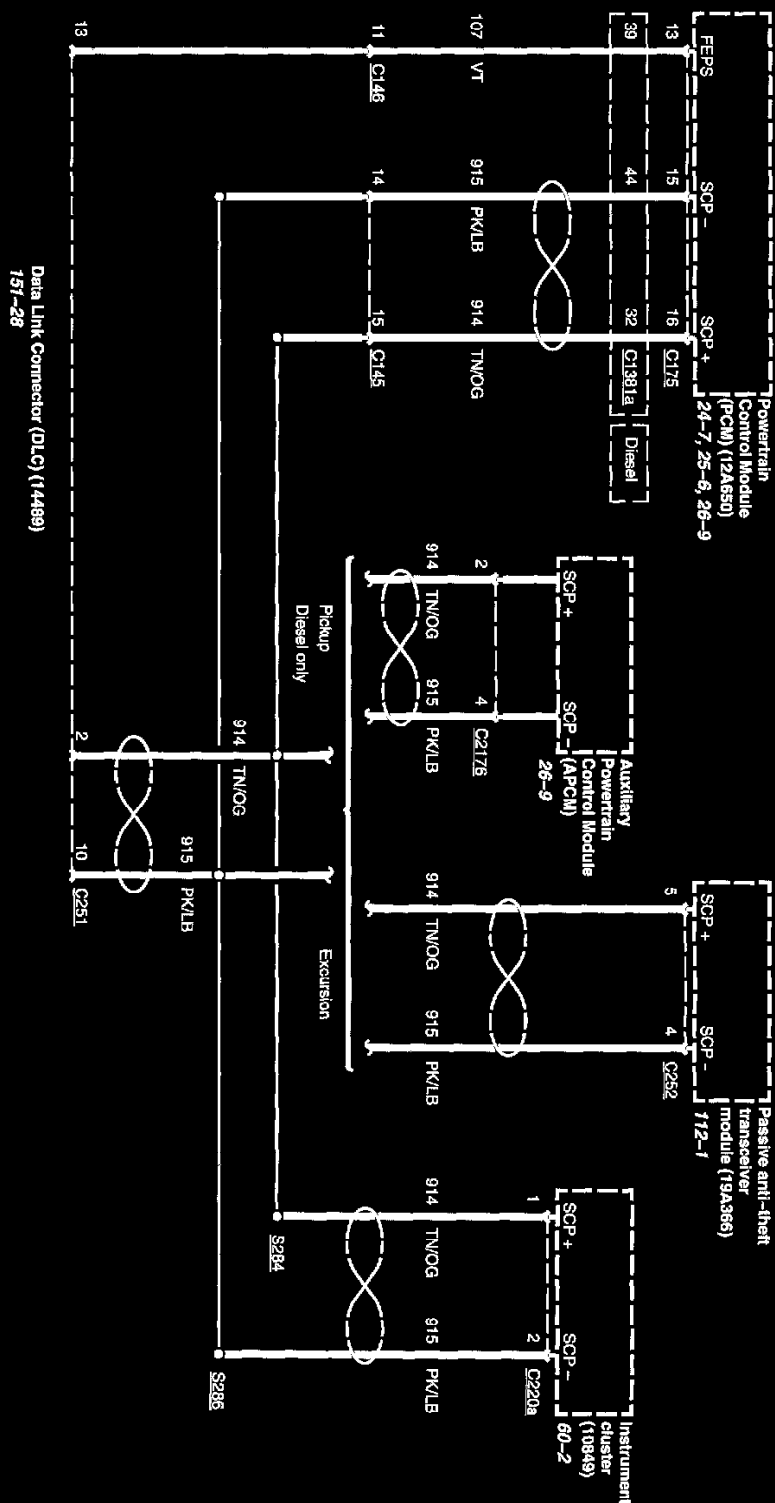
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Information Bus

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

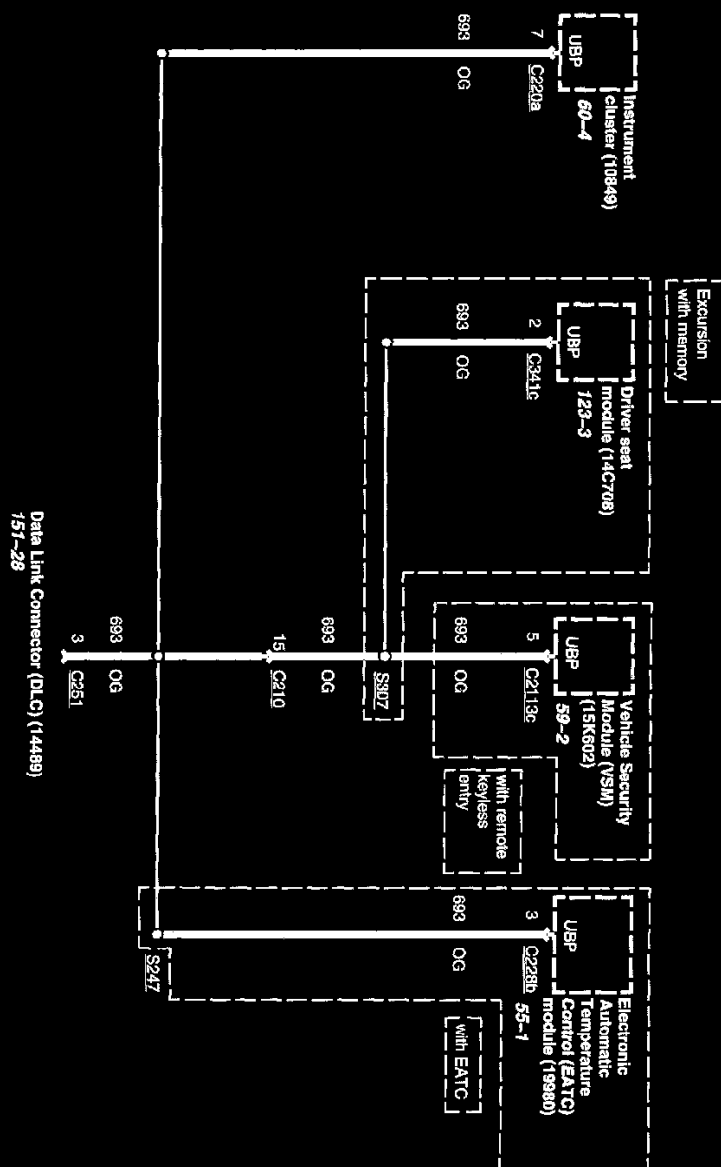
14-1

SCP Bus



Data Link Connector (DLC) (14489)
151-28

UBP Bus



CAN Bus (diesel)

Fuel Injector Control Module (FICM) 28-3

32 BK 31 LB/MH 30 RD/LG 57 Shield

C1388c

28 CAN BUS 2L 37 CAN BUS 1L 26 CAN BUS 1H

Powertrain Control Module (PCM) (12A650) 28-3, 26-9

C1381c

3072 PK/V/E 3073 RD/MH

CAN BUS 1H CAN BUS 2L CAN BUS 1L

Pickup Excursion Pickup Excursion

2 C1444 11 C133 1 C1444 10 C133

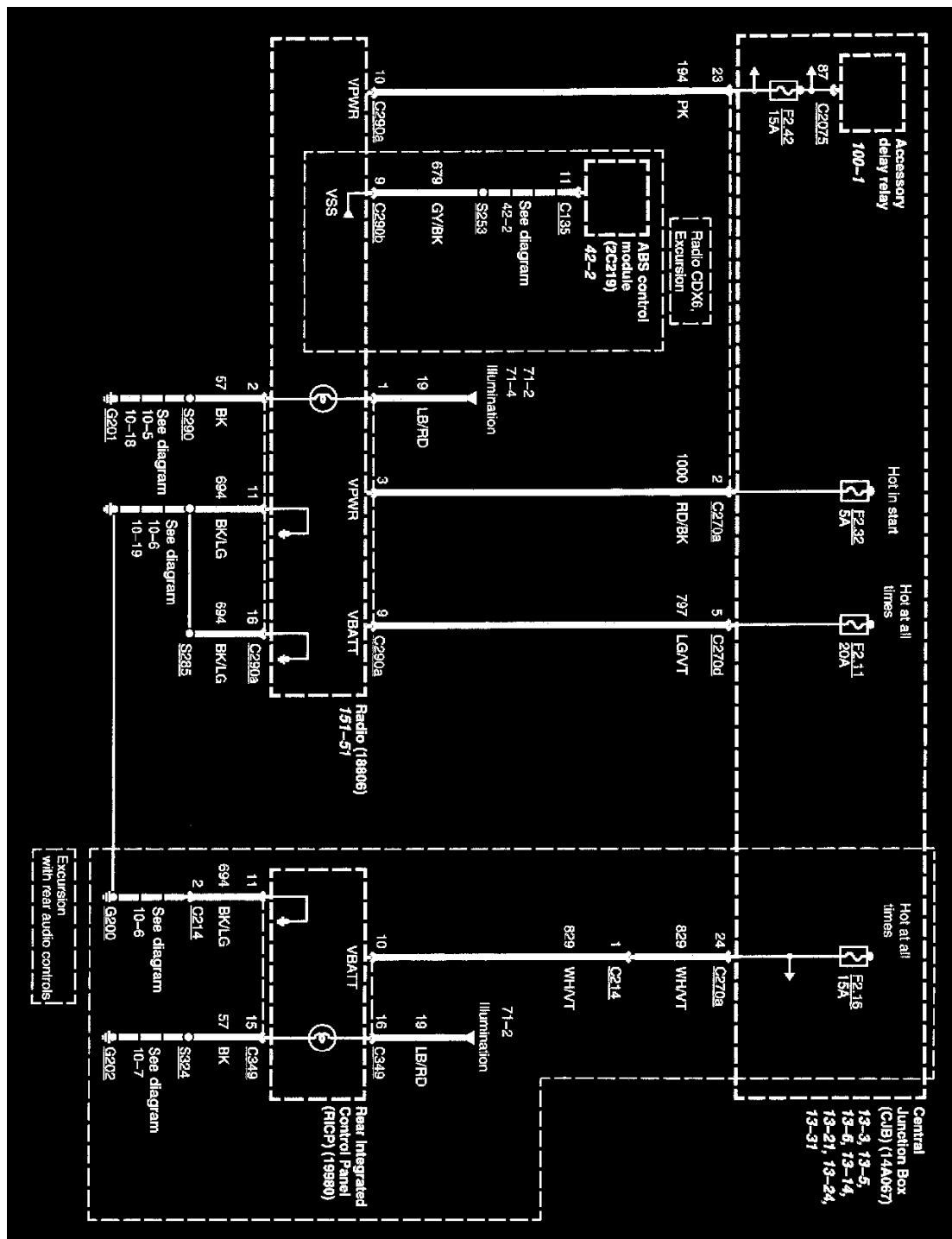
6 14 C251

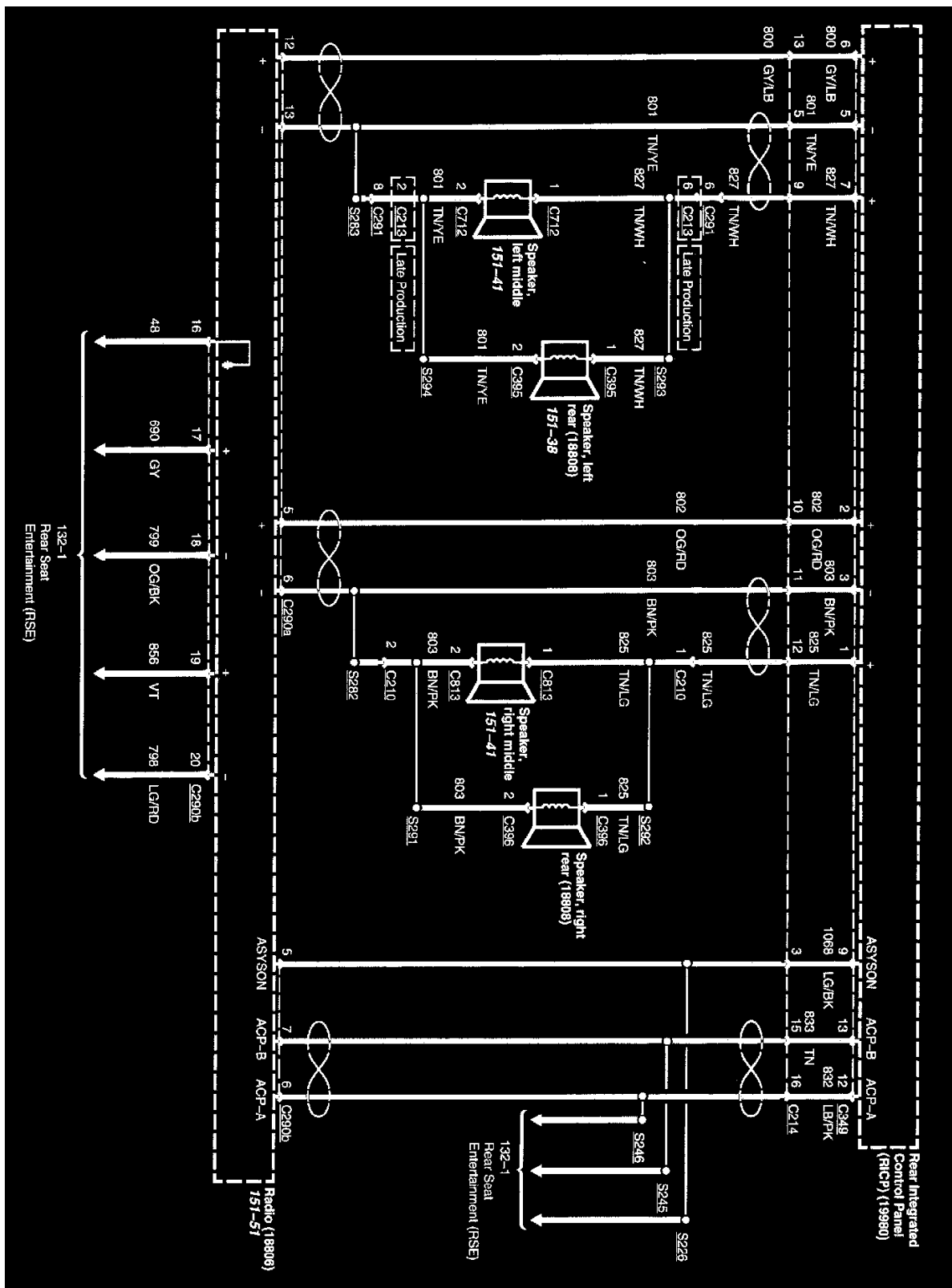
Data Link Connector (DLC) (14459) 151-28

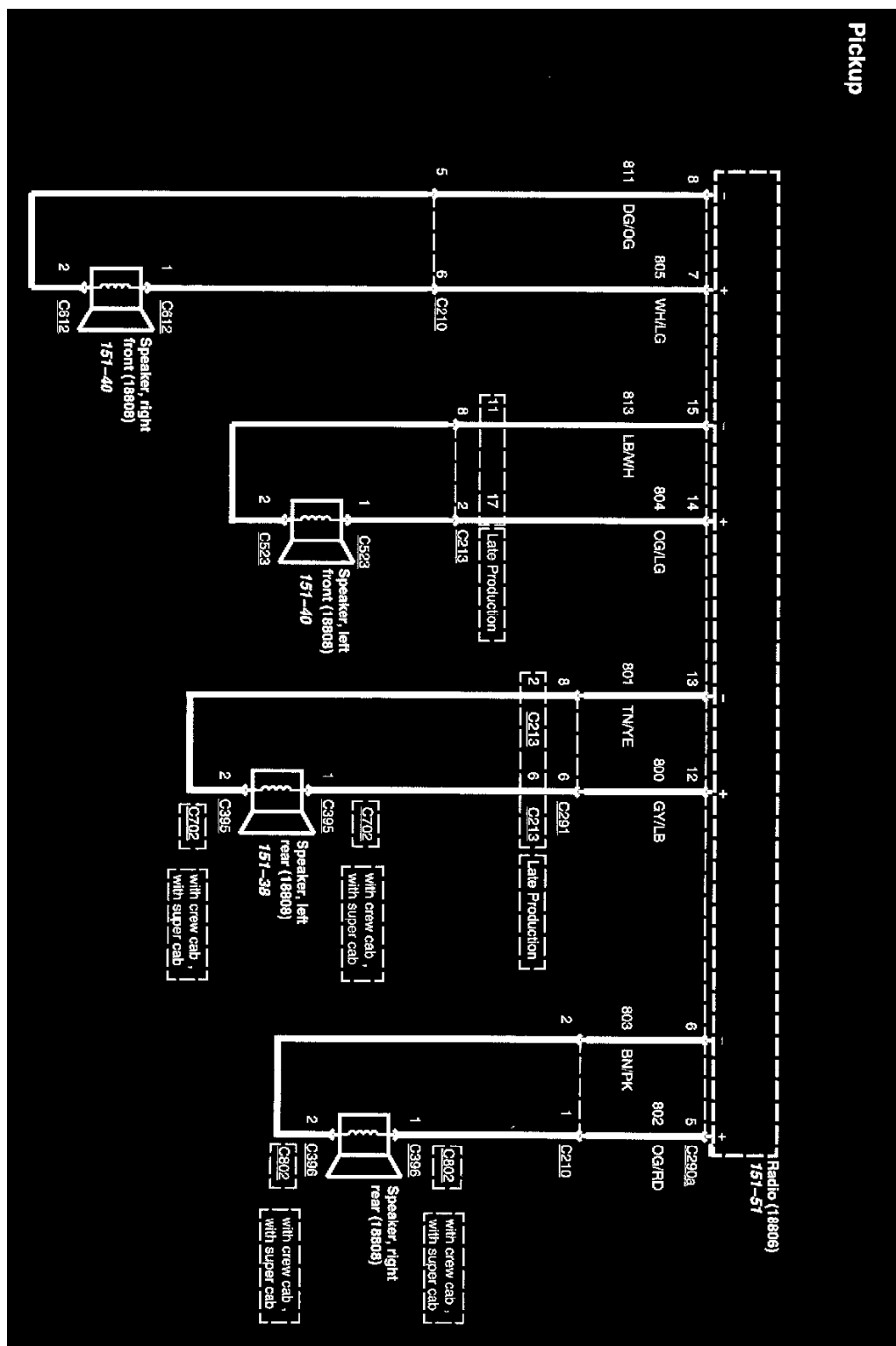
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Radio, Stereo, and Compact Disc

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.







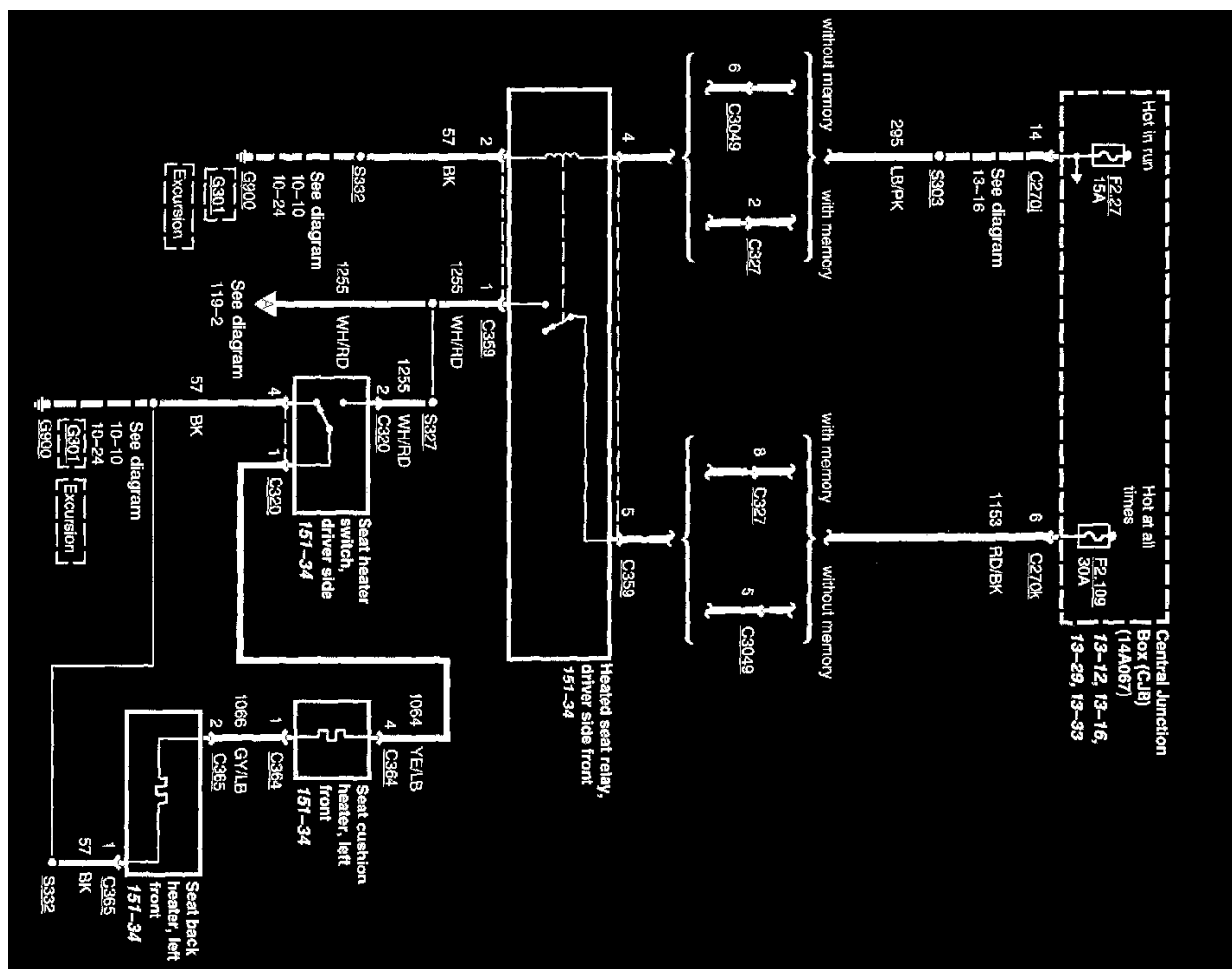
130-4

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

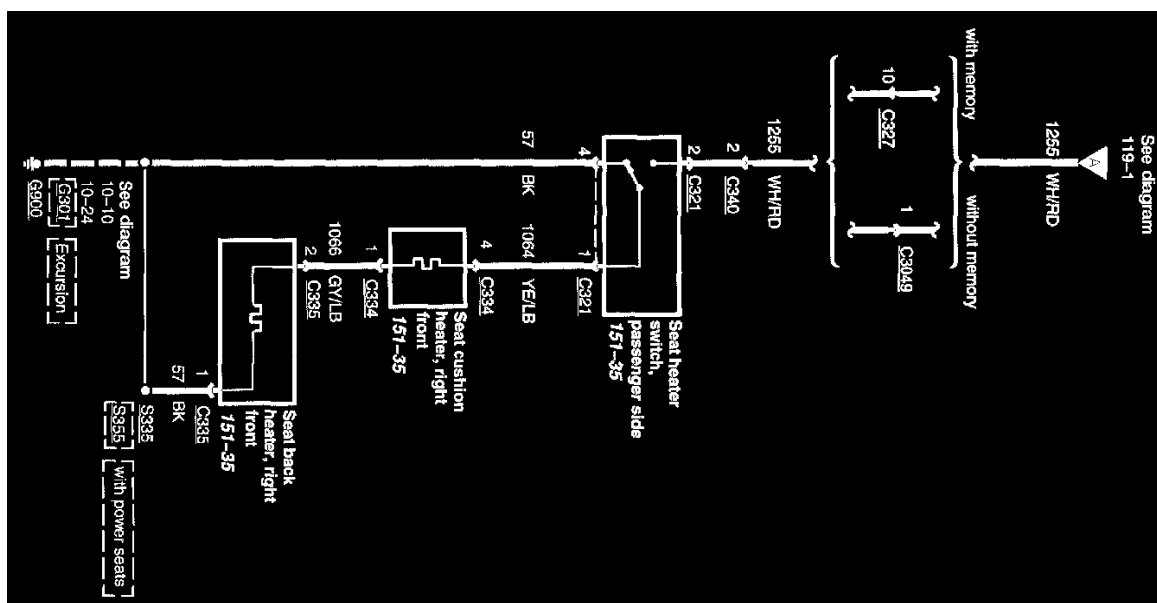
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Climate Controlled Seats

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



119-1



119-2

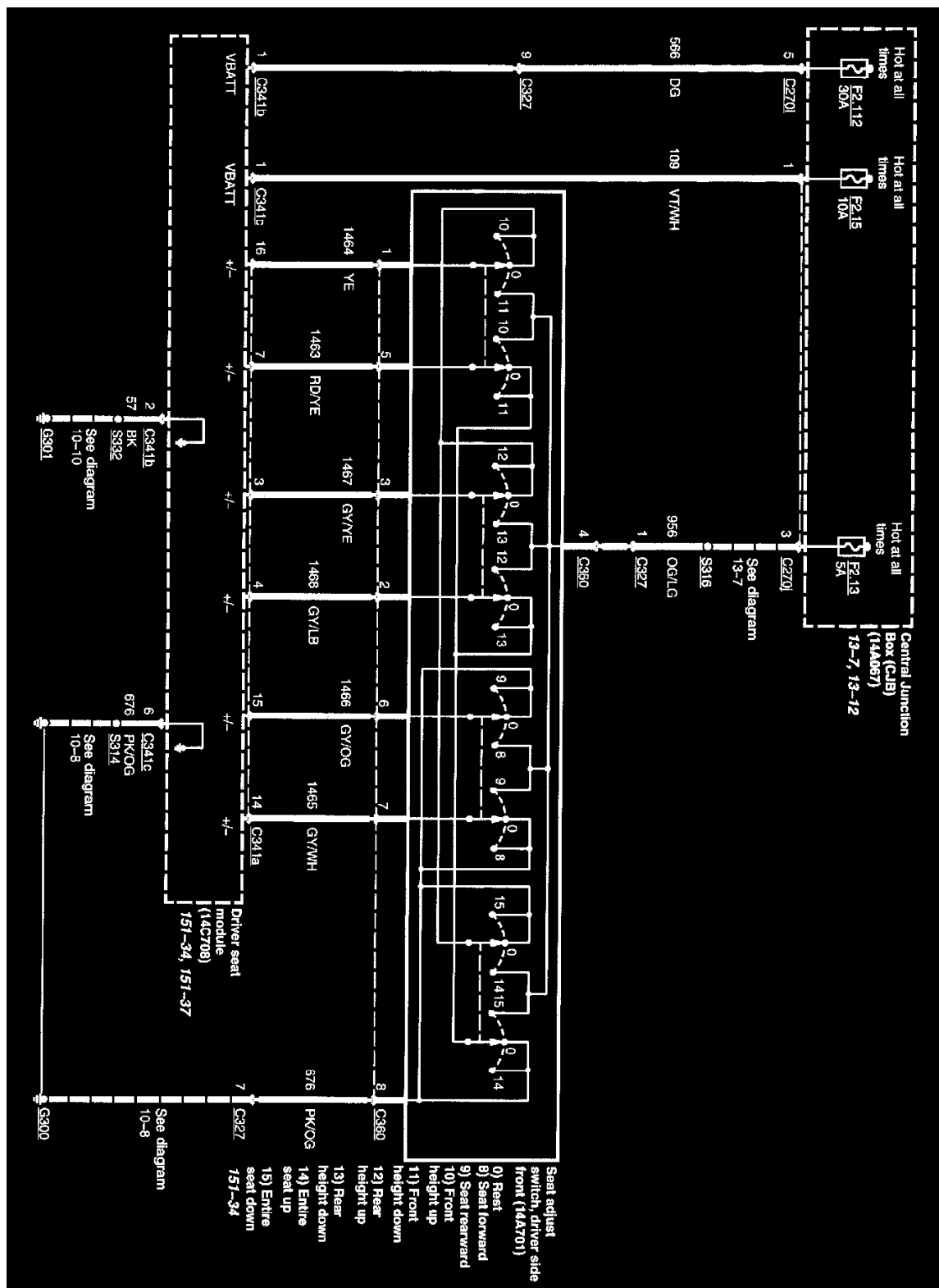
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

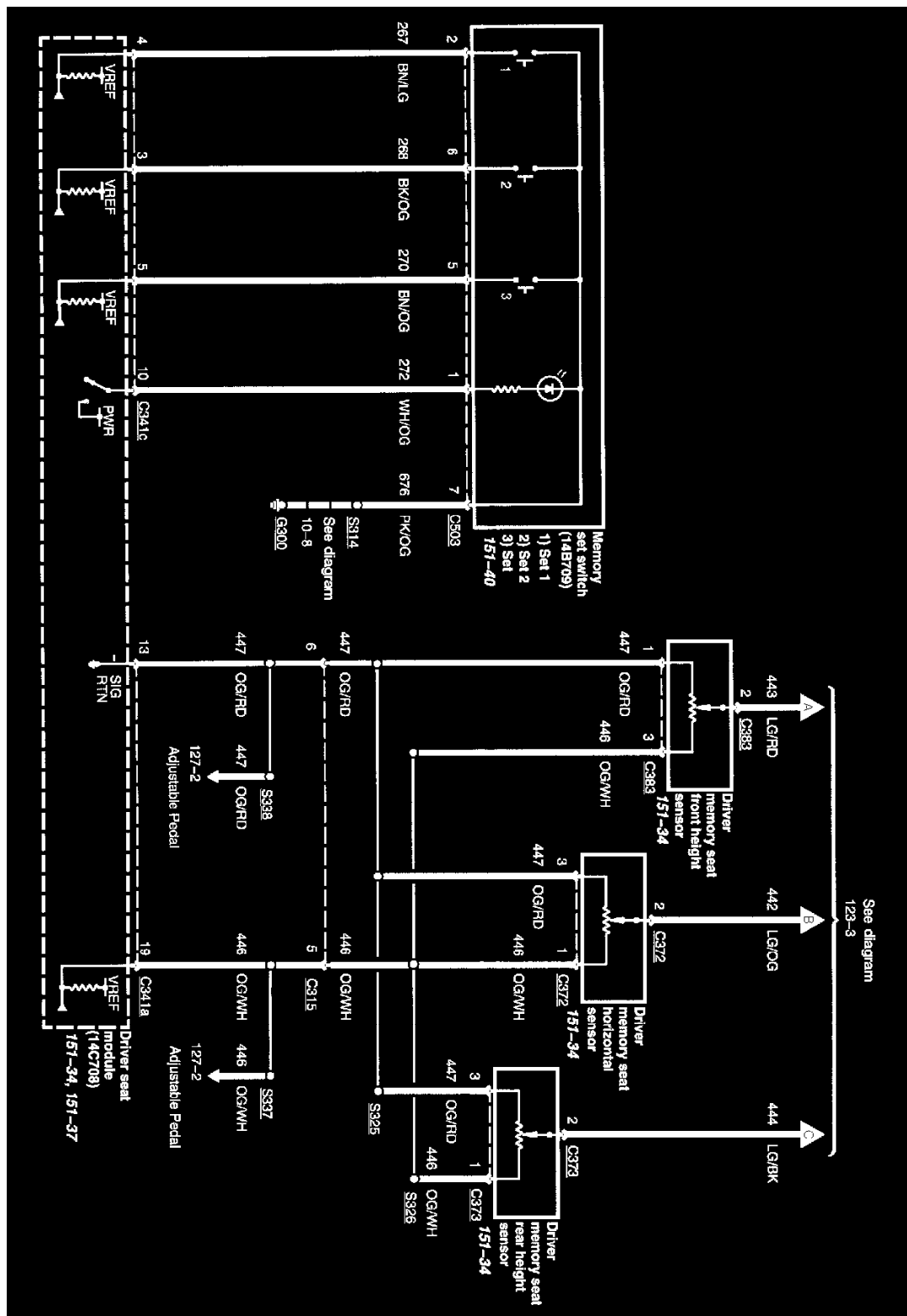
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Memory Seats

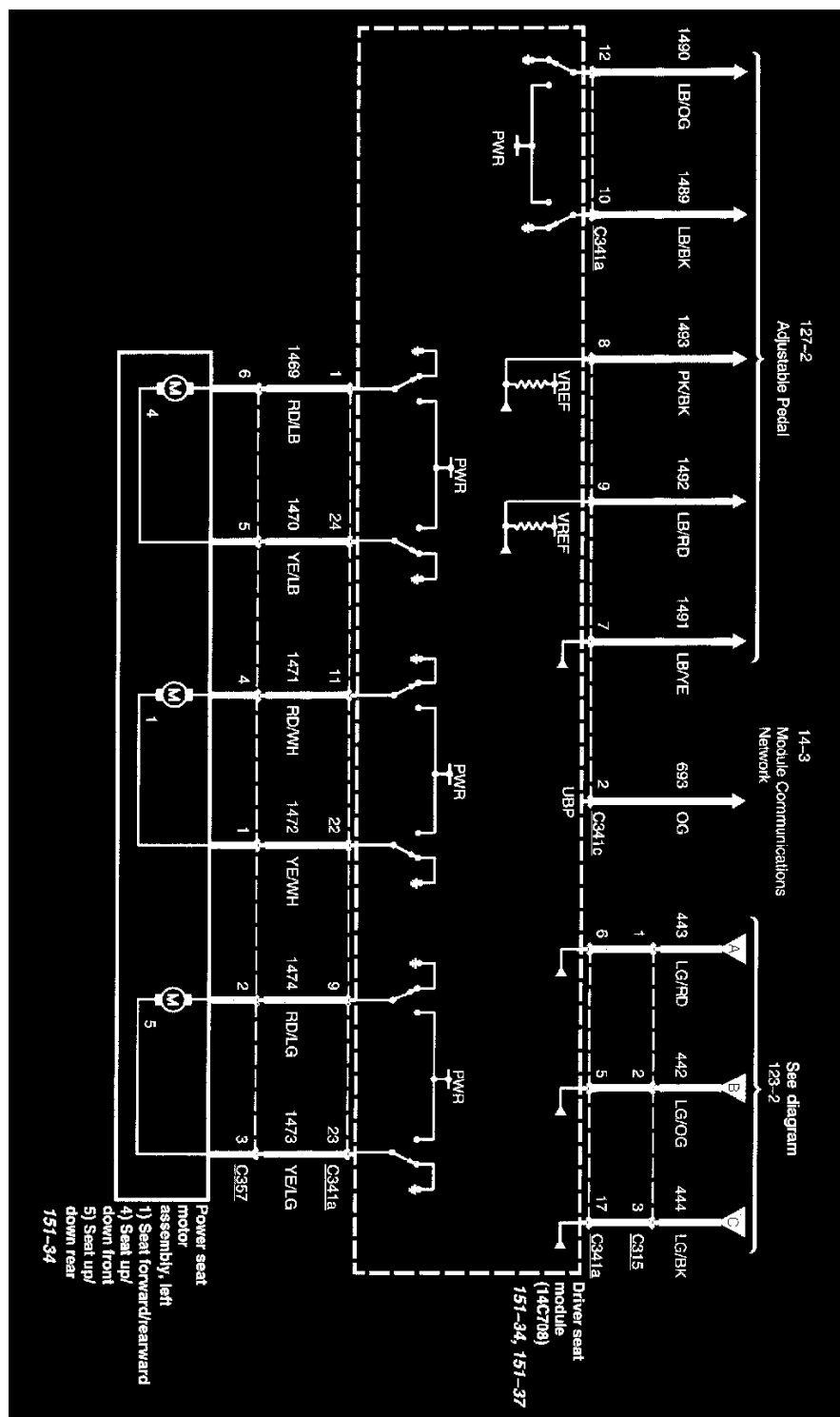
PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do

not apply to the vehicle model selected.





123-2



123-3

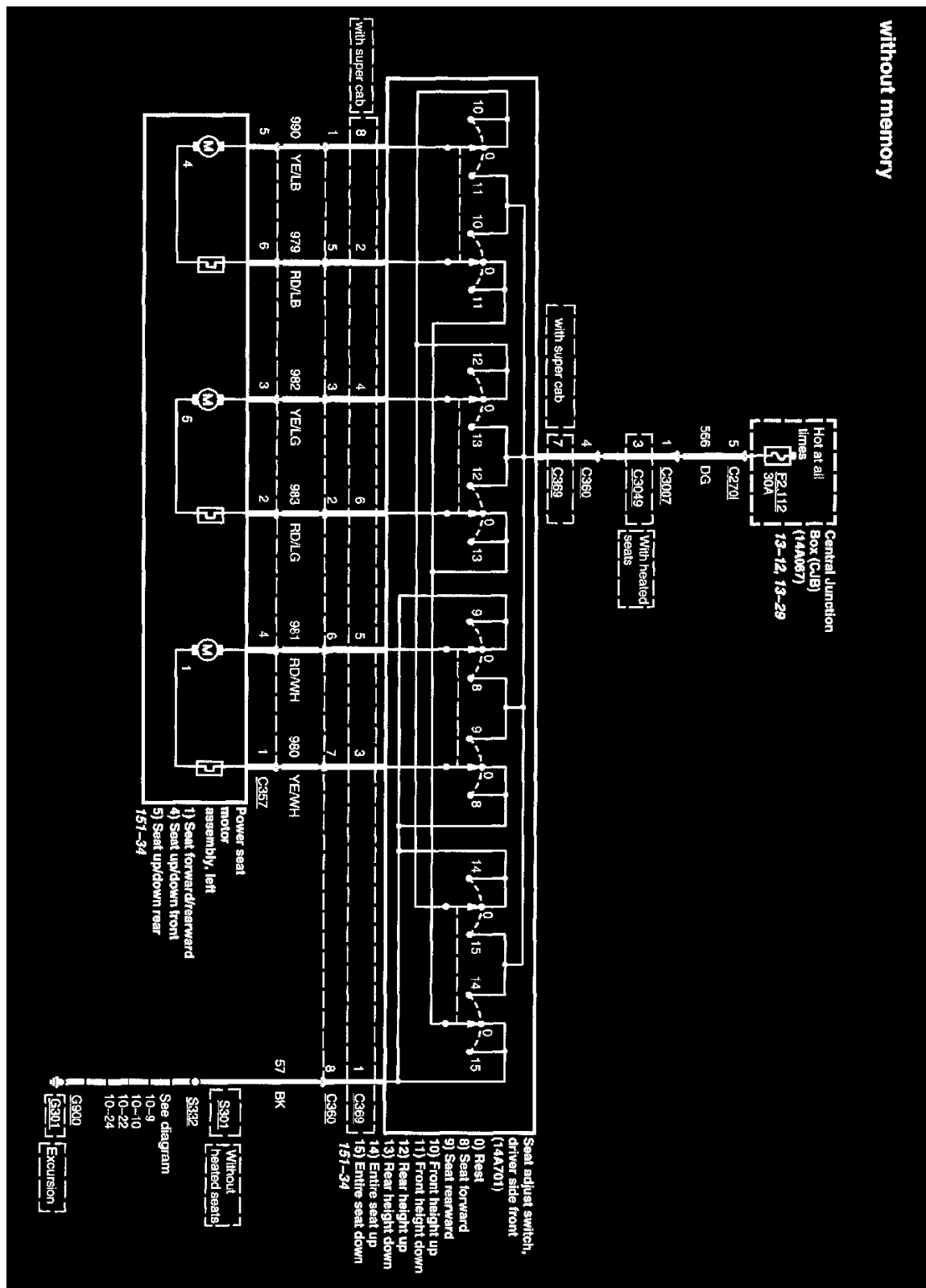
Diagrams: Other diagrams referred to by number (See Diagram #-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Power Seats

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

without memory



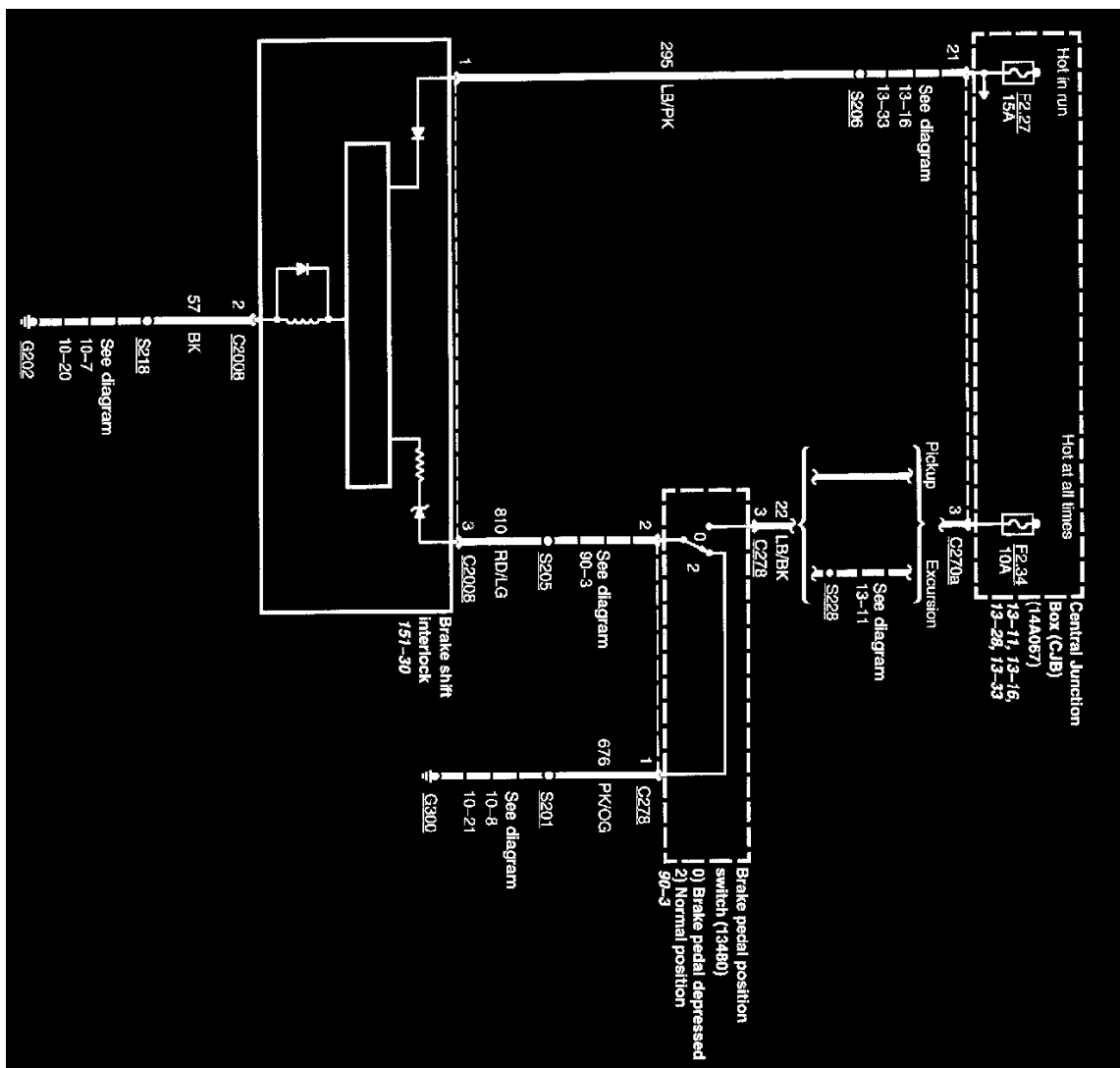


PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do

not apply to the vehicle model selected.



37-1

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Automatic Transmission

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

Diesel, with Automatic Transmission

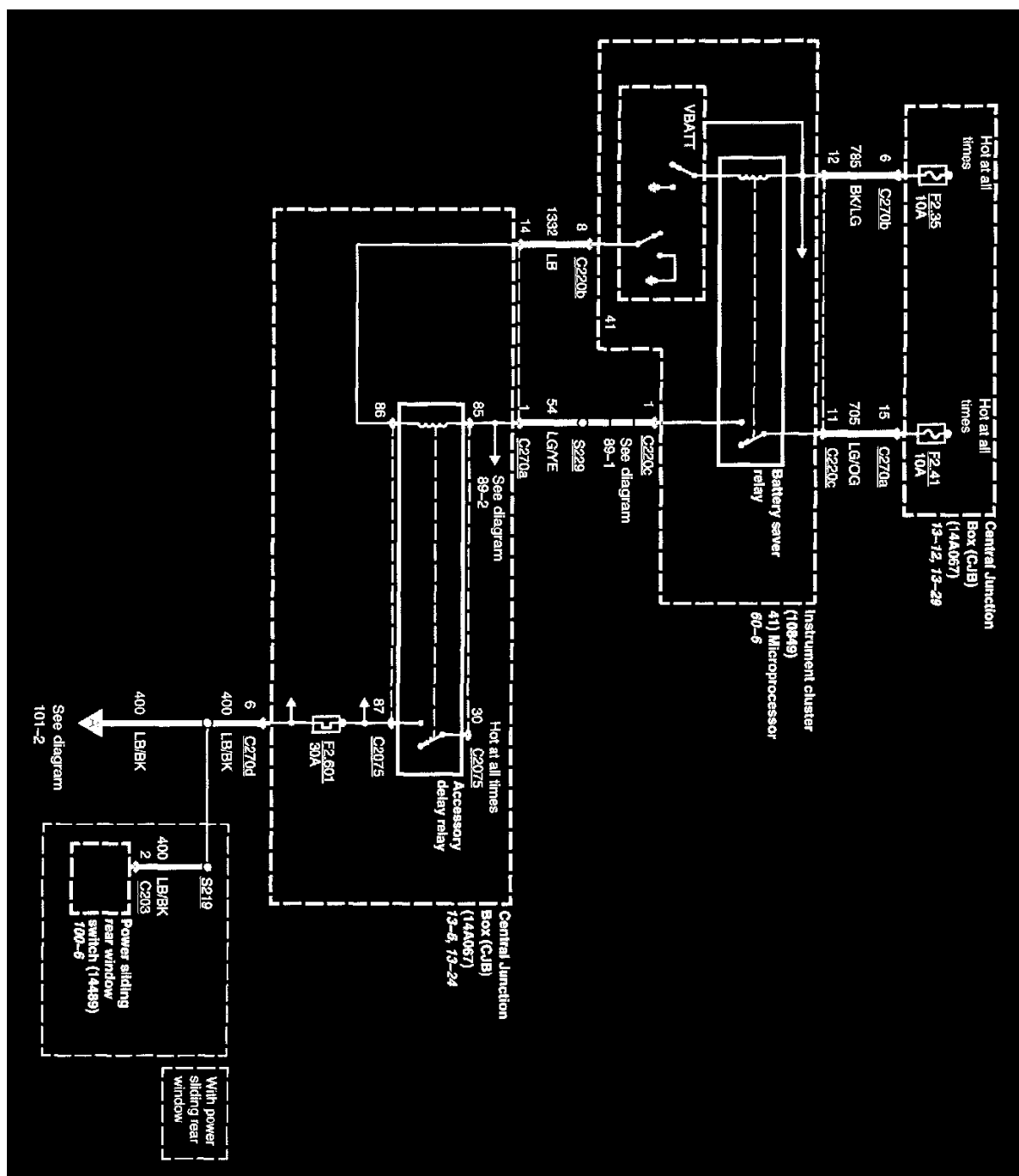
Diagrams: Other diagrams referred to by number (See Diagram ###, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

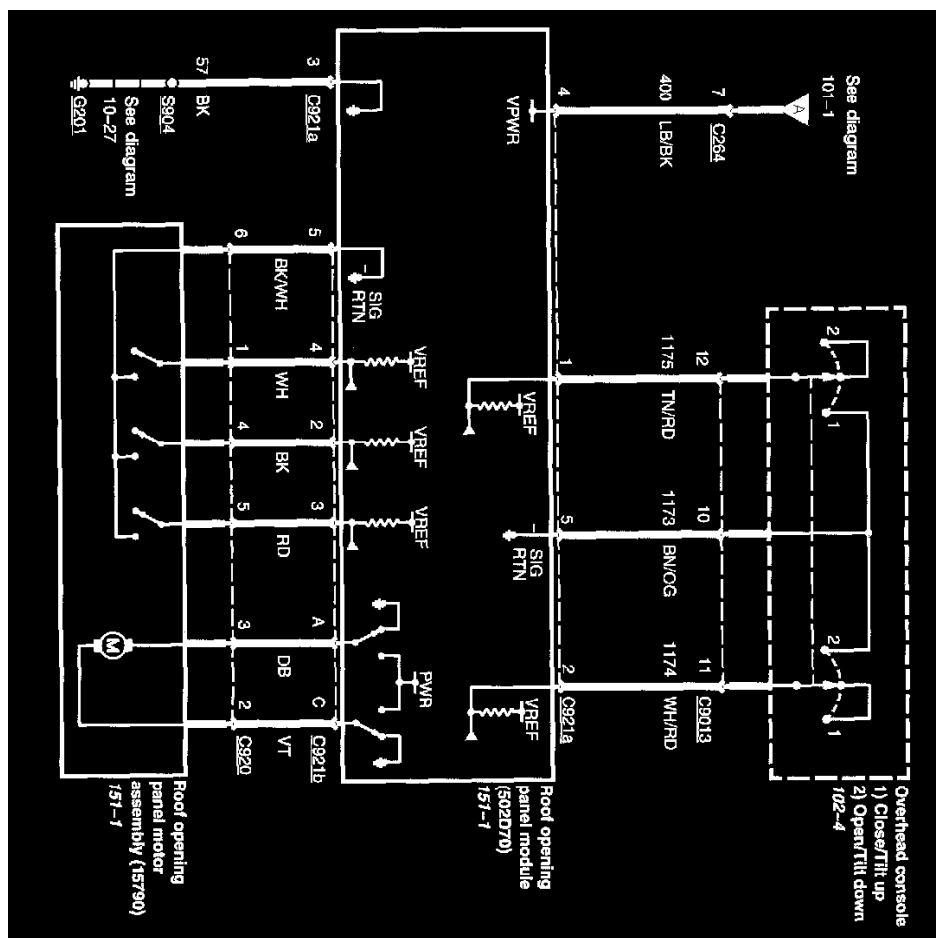
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

20-4

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





101-2

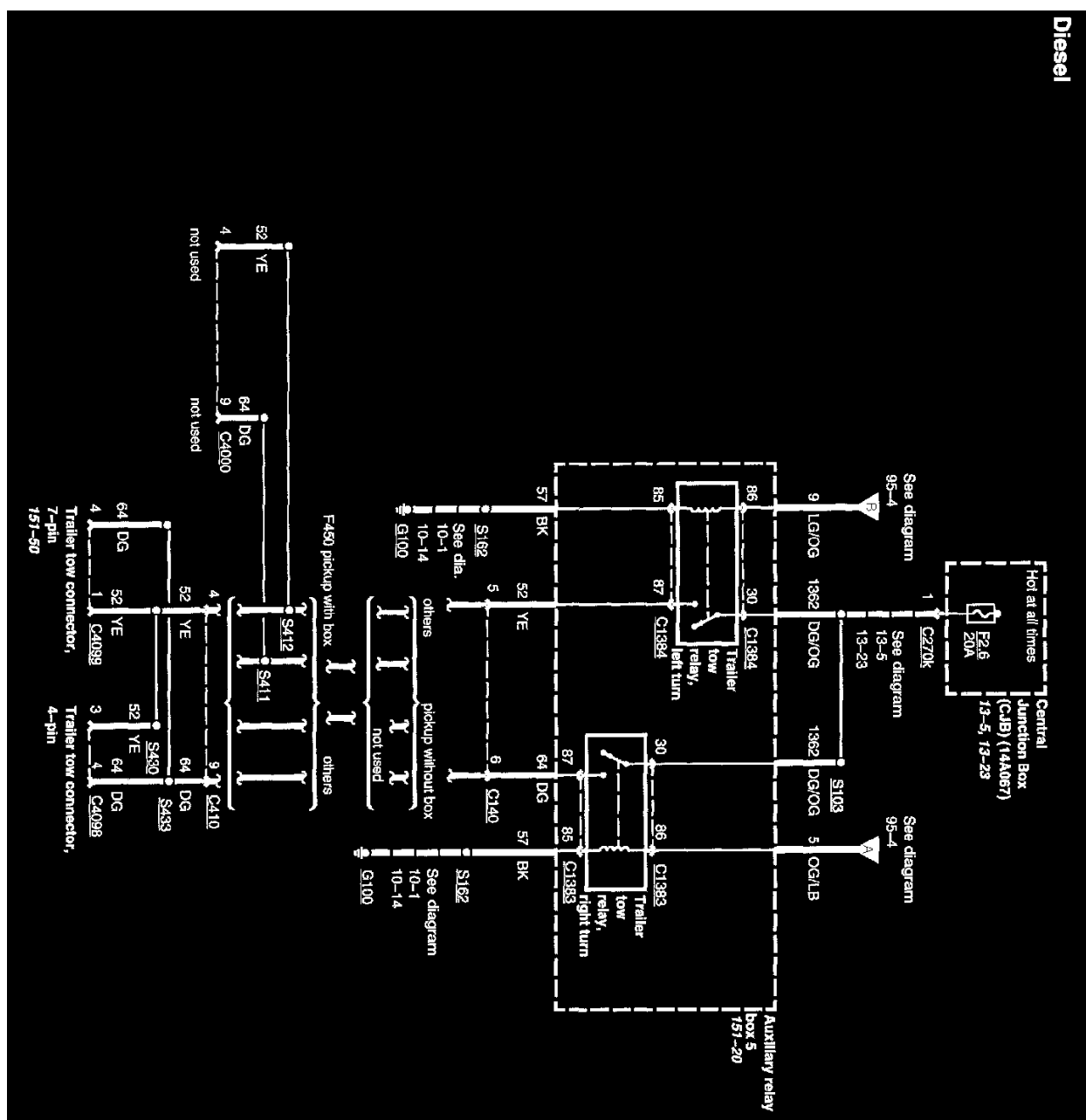
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

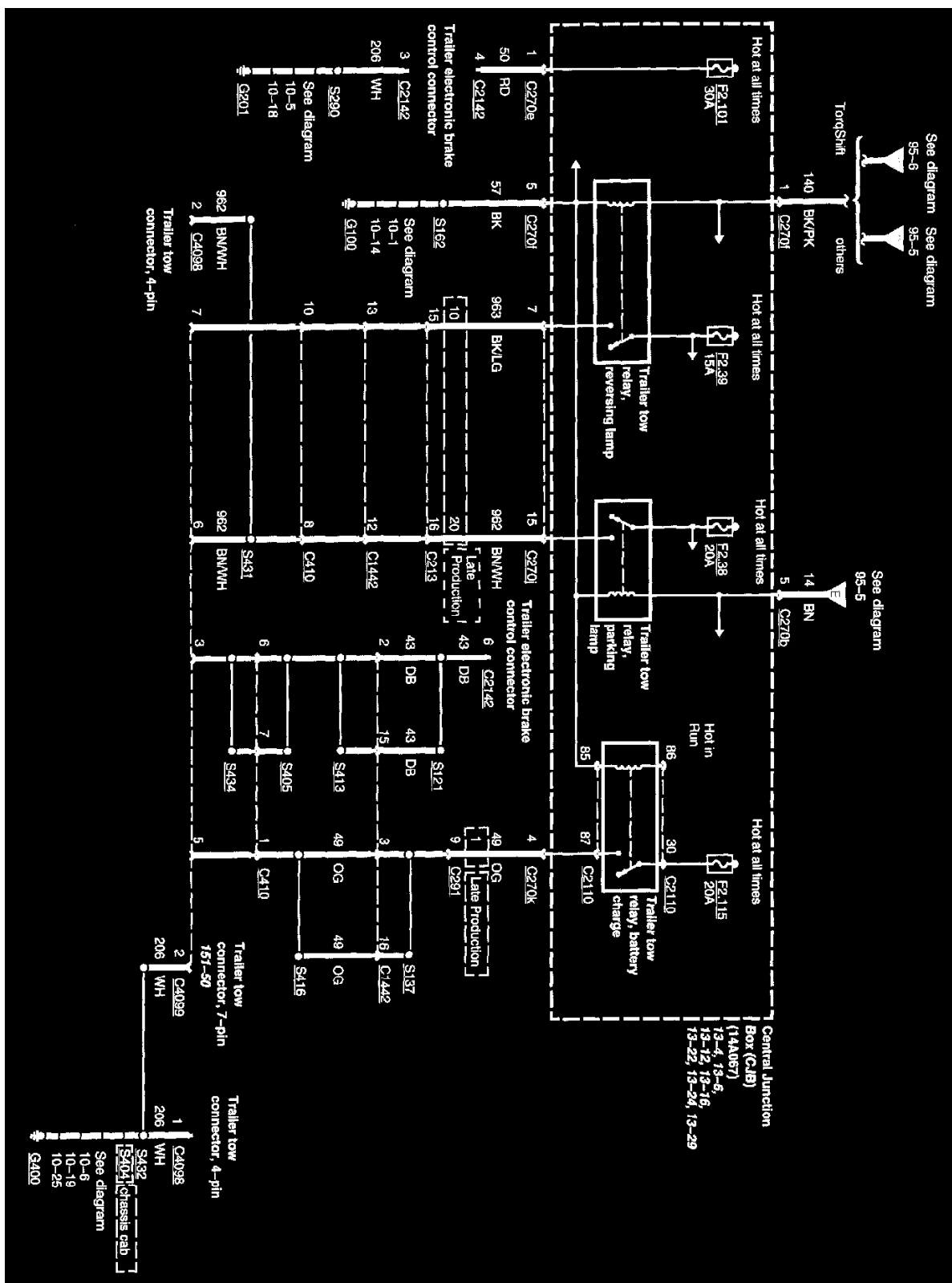
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Trailer Connector

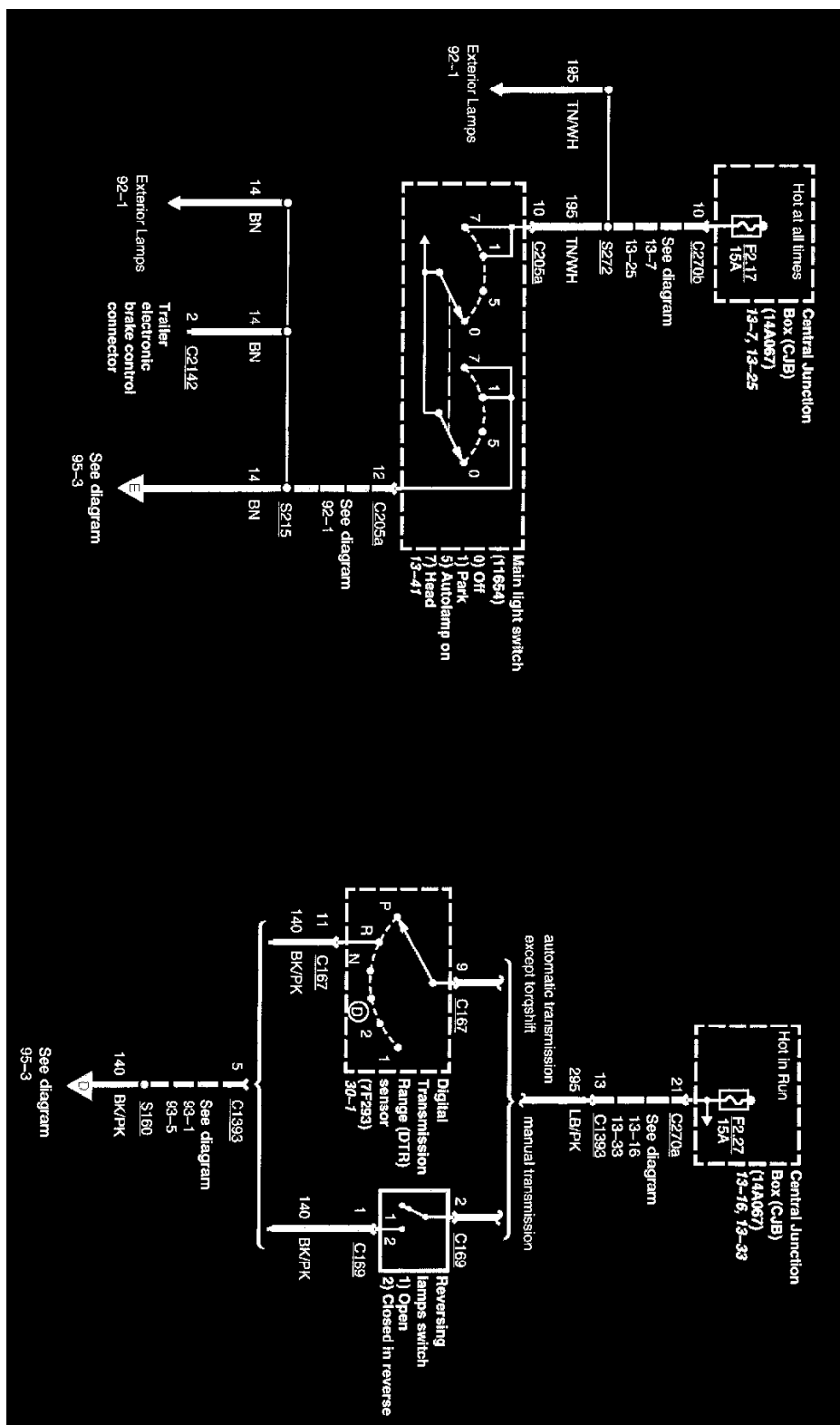
TRAILER/CAMPER ADAPTER

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

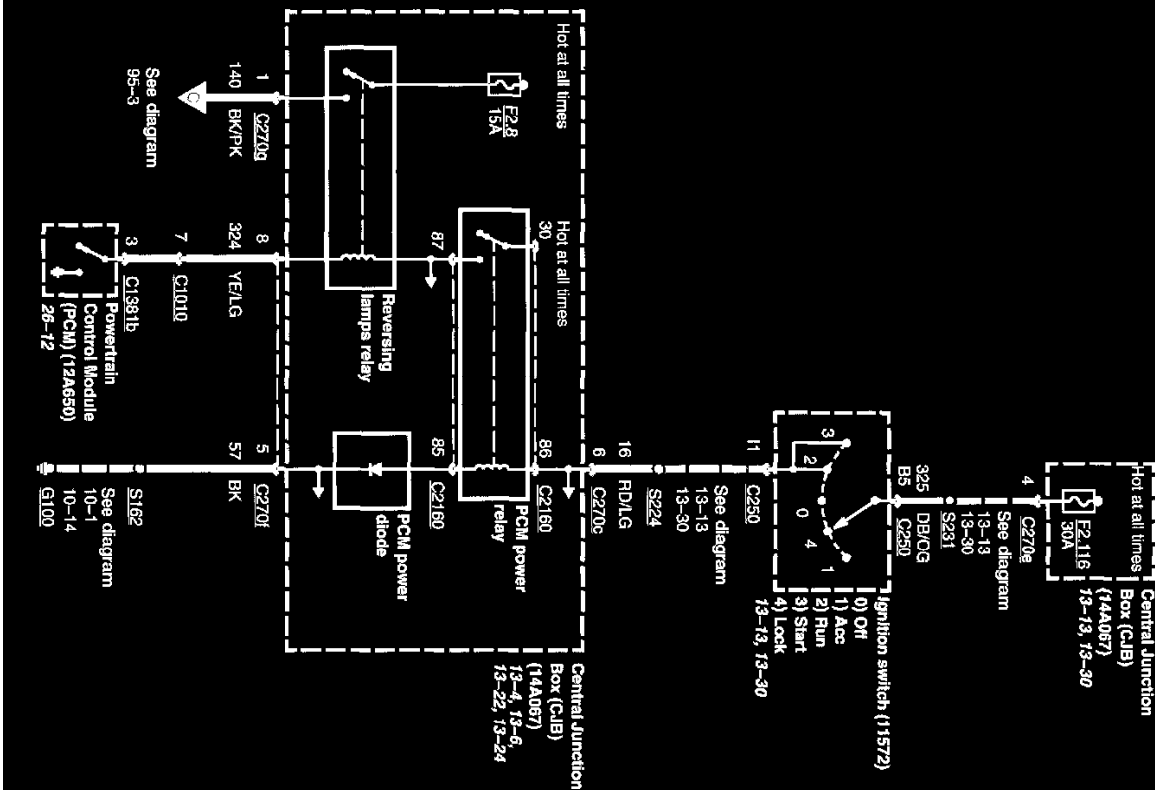








TorqShift



95-6

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

29-1

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

The Tow/Haul switch is a momentary contact switch located on the end of the shift lever. This switch provides a signal to the PCM when pressed, resulting in a change in shift and TCC scheduling. When the switch has been pressed, the Transmission Control Indicator Lamp (TCIL) located on the left side of the IP will illuminate "Tow/Haul ON." When the switch is pressed again, Tow/Haul will be deactivated and lamp will turn off.



PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do

TorqShift

Powertrain Control Module (PCM) (12A650)

26-12

VREF 12V

VREF 12V

VREF 12V

VREF 12V

VREF 12V

VREF 5V

925 WH/YE

966 LB/PK

535 LB/RD

912 WH/RD

539 PK/LB

923 OG/BK

17

18

19

20

21

26

C1381b

14

16

9

11

13

18

C1385

22

1875 OG/WH

30

C1381b

SIG RTN (12A650)

26-12

TorqShift transmission control

8) Transmission Fluid Temperature (TFT) sensor (7H141)

9) Pressure Switch A (PS-A) (7E440)

10) Pressure Switch B (PS-B) (7E440)

11) Pressure Switch C (PS-C) (7E440)

12) Pressure Switch D (PS-D) (7E440)

13) Pressure Switch E (PS-E) (7E440)

Each of the five Shift Solenoid Pressure Control (SSPC) solenoids has a corresponding Pressure Switch (PS), which is normally closed. The PS is designed to open when the SSPC pressure exceeds 276 kPa (40 psi). The current delivered through the switches is controlled by the PCM.

The PCM monitors the voltage drop across a temperature sensitive thermistor to determine Transmission Fluid Temperature (TFT). TFT information is used to determine cold and hot temperature shift schedules and TCC scheduling.

The operation of the transmission is controlled by the Powertrain Control Module (PCM). Many input sensors provide information to the PCM. The PCM then controls the actuators, which determine transmission operation.

29-3

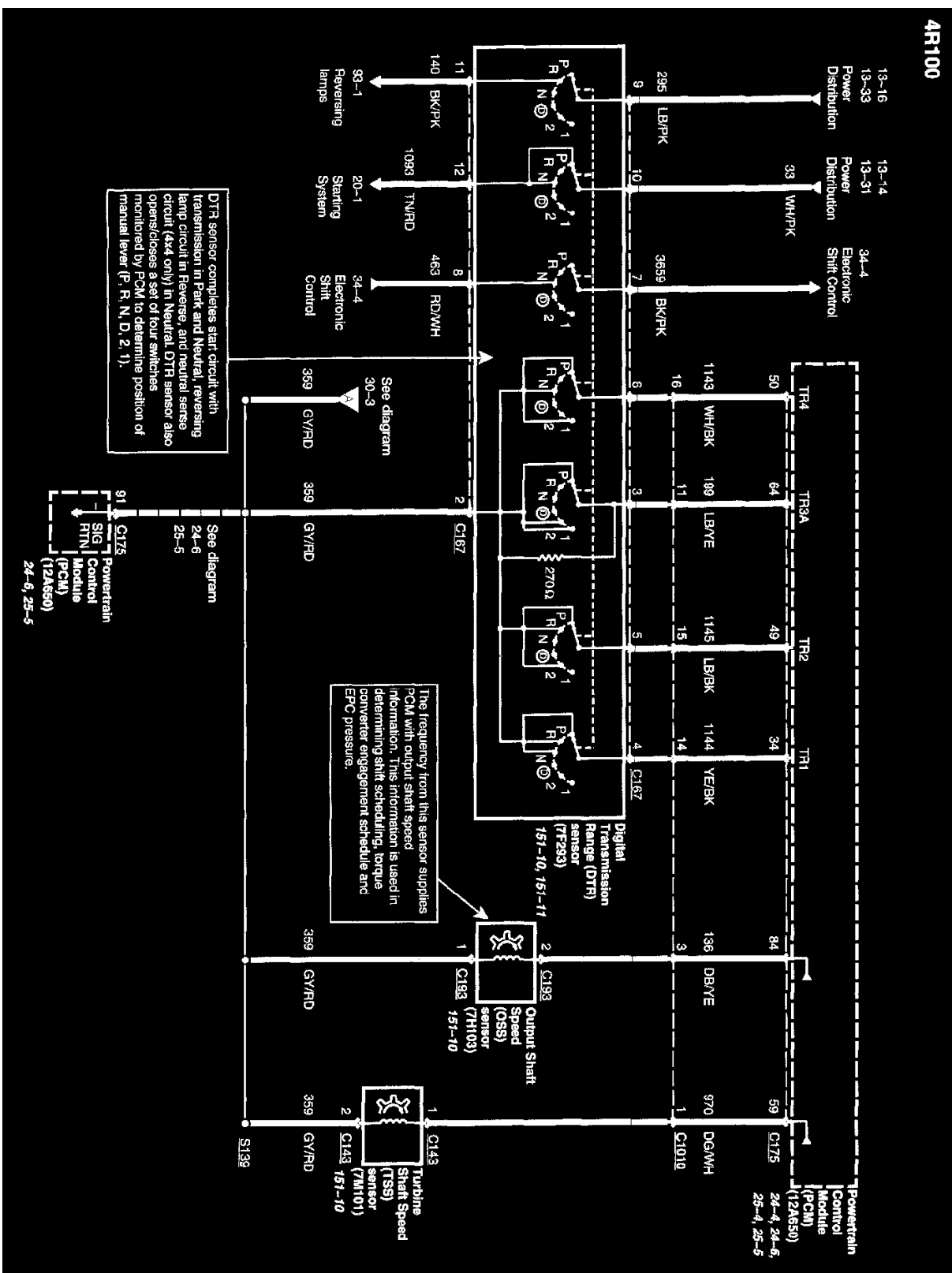
Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.
See: Components/Component Location Views

Intermediate shaft speed sensor	29-1
Output Shaft Speed (OSS) sensor	29-1
Pressure Control (PC-A) solenoid	29-3
Pressure Switch A (PS-A)	29-2
Pressure Switch B (PS-B)	29-2
Pressure Switch C (PS-C)	29-2
Pressure Switch D (PS-D)	29-2
Pressure Switch E (PS-E)	29-2
Shift Solenoid Pressure Control A (SSPC-A)	29-3
Shift Solenoid Pressure Control B (SSPC-B)	29-3
Shift Solenoid Pressure Control C (SSPC-C)	29-3
Shift Solenoid Pressure Control D (SSPC-D)	29-3
Shift Solenoid Pressure Control E (SSPC-E)	29-3
Speed sensor assembly	29-1
Torque Converter Clutch (TCC) solenoid	29-3
Tow/Haul switch	29-1
Transmission Fluid Temperature (TFT) sensor	29-2
Transmission Range Sensor Assembly (TR-P)	29-3
Turbine shaft speed sensor	29-1

4R100 transmission	30-3
Coast clutch solenoid	30-3
Digital Transmission Range (DTR) sensor	30-1
Electronic Pressure Control (EPC) solenoid	30-3
Output Shaft Speed (OSS) sensor	30-1
Overdrive cancel switch	30-2
Shif solenoid A	30-3
Shift solenoid B	30-3
Torque Converter Clutch (TCC) solenoid	30-3
Transmission Fluid Temperature (TFT) sensor	30-3
Turbine Shaft Speed (TSS) sensor	30-1

30-1

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.



30-1

Next Diagram See: Electrical Diagrams/Transmission Control Systems/4R100/30-2

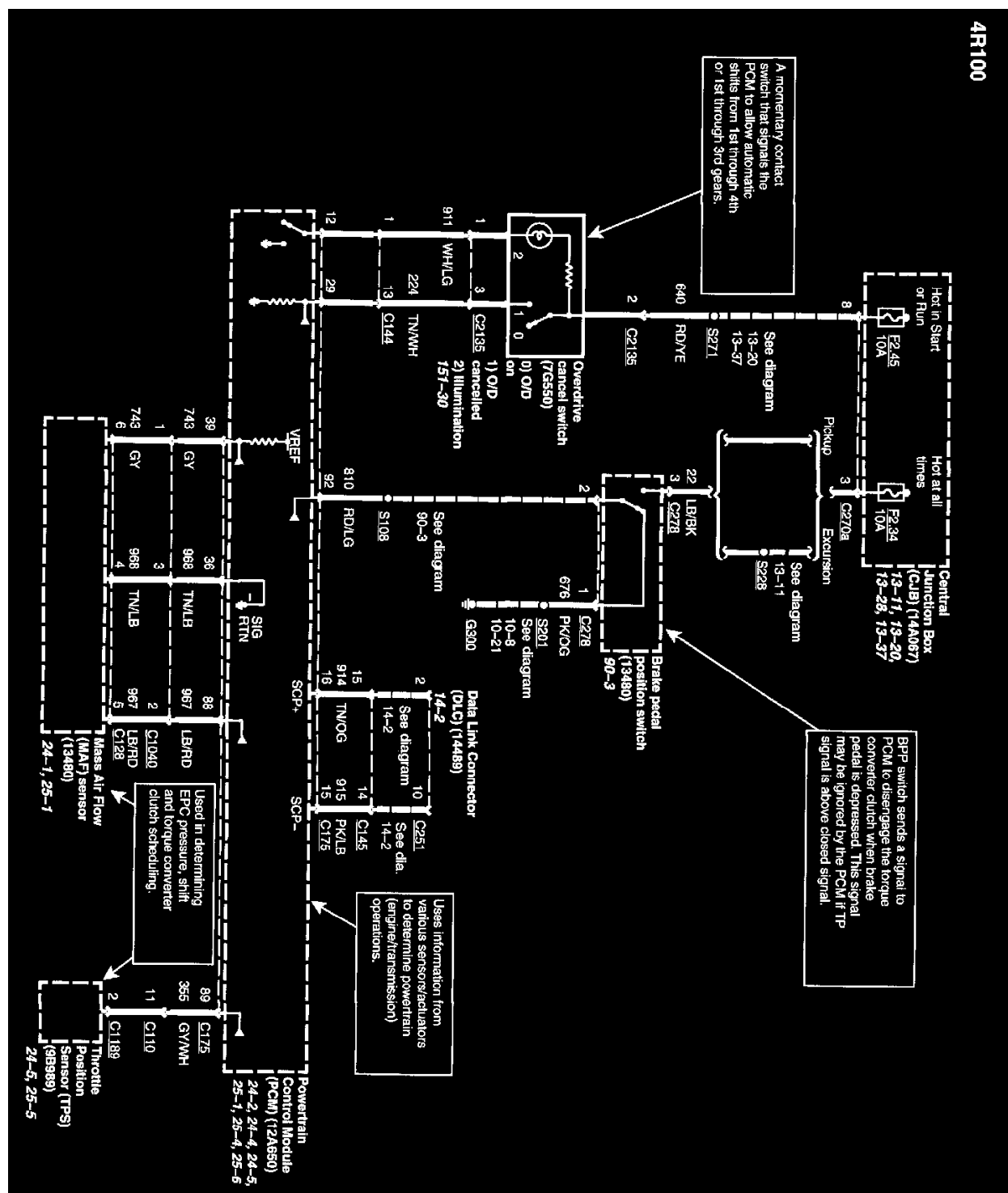
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

30-2

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do

4R100



PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do

Powertrain Control Module (PCM) (12A650)

The PCM monitors the voltage drop across a temperature sensitive thermistor. The PCM uses this information to determine transmission fluid temperature for adjustment of shift schedules and torque converter clutch engagement schedules. Also used to adjust EPC pressure for temperature.

Shift solenoids provide gear selection of first through fourth by controlling pressure to shift valves.

Central Junction Box (CJB) (14A067)

Hot In Start or Run
E2.23
20A
See dia 13-14, 13-31

Solenoid controls apply and release pressure to torque converter clutch control valve.

This solenoid controls the apply and release of the coast clutch.

4R100 transmission (7G391)

- 1) Transmission Fluid Temperature (TFT) sensor
- 2) Torque Converter Clutch (TCC) solenoid
- 3) Coast clutch solenoid
- 4) Electronic Pressure Control (EPC) solenoid
- 5) Shift solenoid A
- 6) Shift solenoid B

Powertrain Control Module (PCM) (12A650)

24-4, 25-4

The diagram shows the following components and their connections:

- Powertrain Control Module (PCM) (12A650):**
 - VREF to C175
 - OG/BK to 923
 - C1010 to 391
 - RD/YE to 391
 - GY/RD to 8
 - WH/YE to 925
 - VT/OG to 315
 - VT/YE to 480
 - BN/OG to 924
 - C175 to 81
 - C1010 to 20
- Central Junction Box (CJB) (14A067):**
 - E2.23 (20A) to 6
 - See dia 13-14, 13-31
- Transmission Solenoids/Sensors:**
 - 1) TFT sensor: connected to PCM via C1010 (391).
 - 2) TCC solenoid: connected to PCM via RD/YE (391).
 - 3) Coast clutch solenoid: connected to PCM via BN/OG (924).
 - 4) EPC solenoid: connected to PCM via VT/YE (480).
 - 5) Shift solenoid A: connected to PCM via VT/OG (315).
 - 6) Shift solenoid B: connected to PCM via WH/YE (925).

Previous Diagram See: Electrical Diagrams/Transmission Control Systems/4R100/30-2

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.
See: Components/Component Location Views

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.

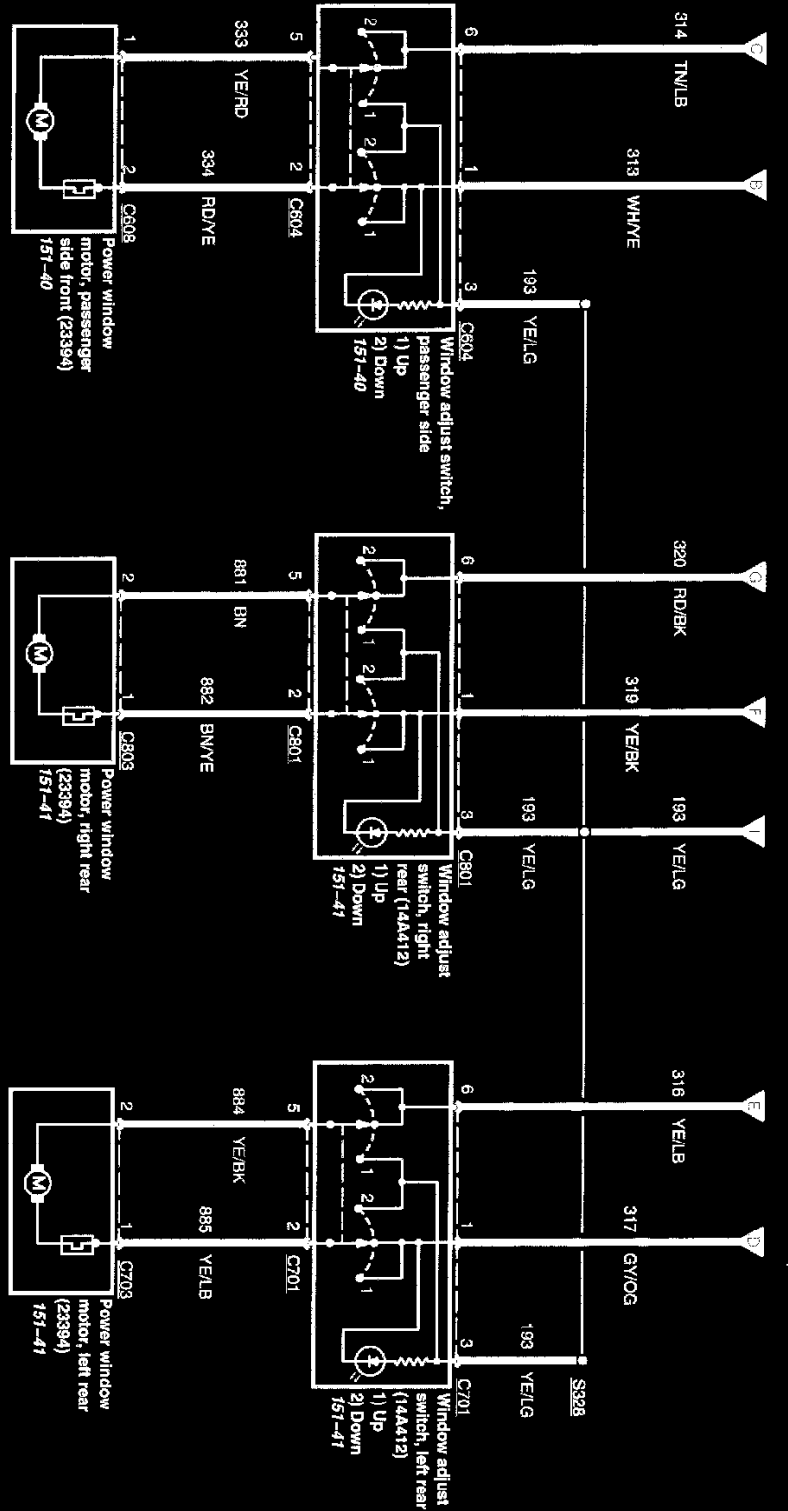


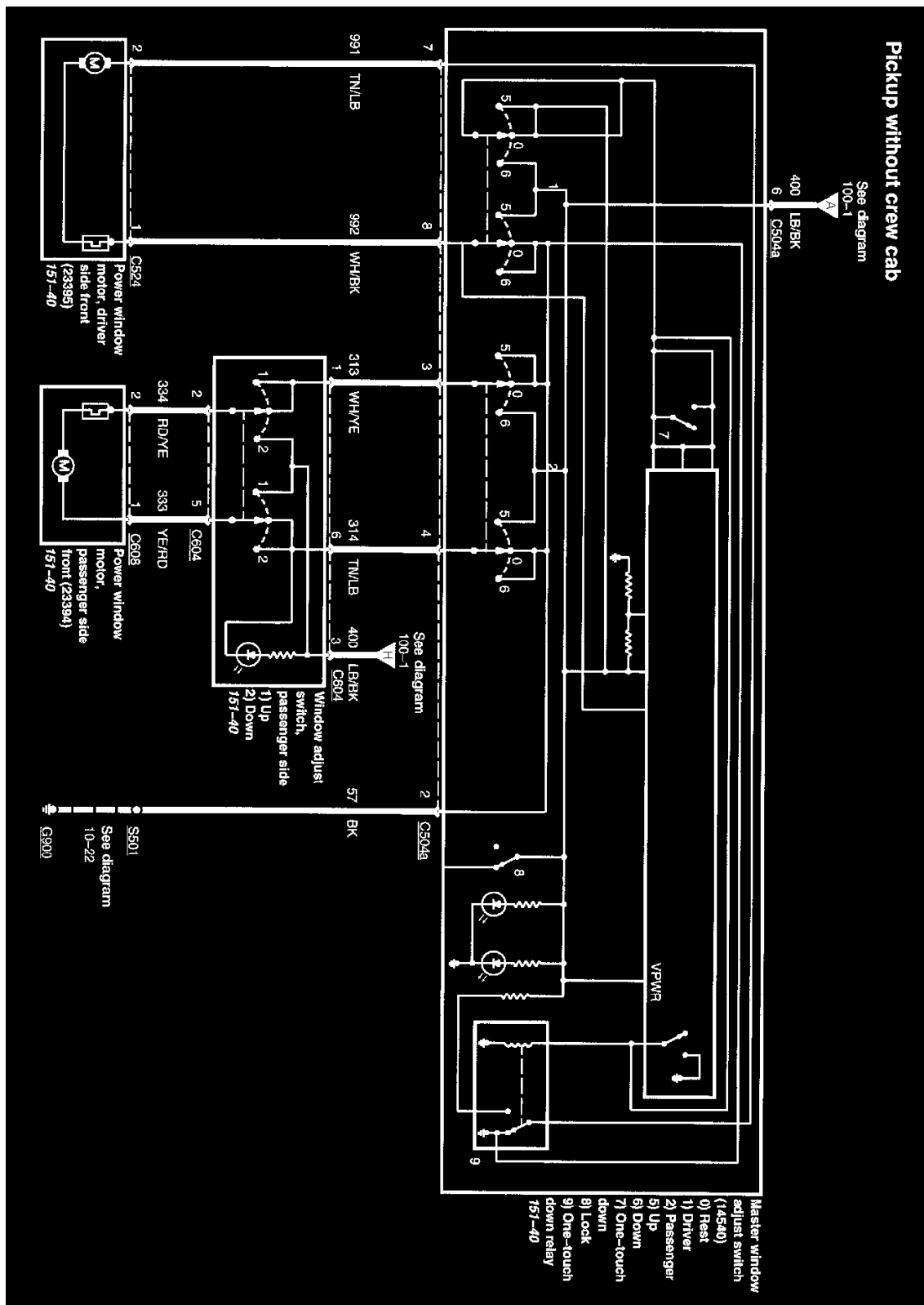
See diagram
100-1



Excursion, Pickup with crew cab

See diagram
100-2



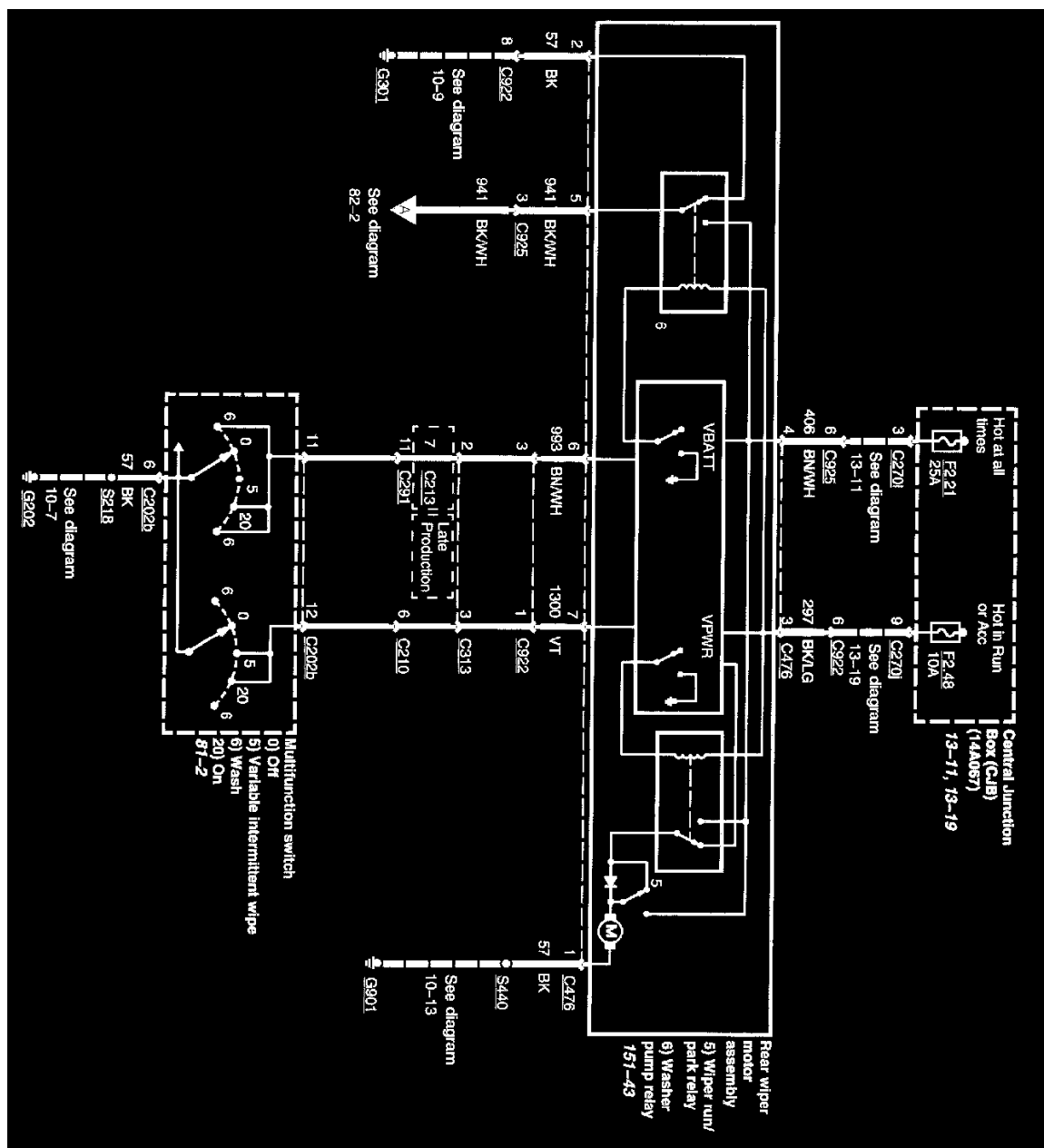


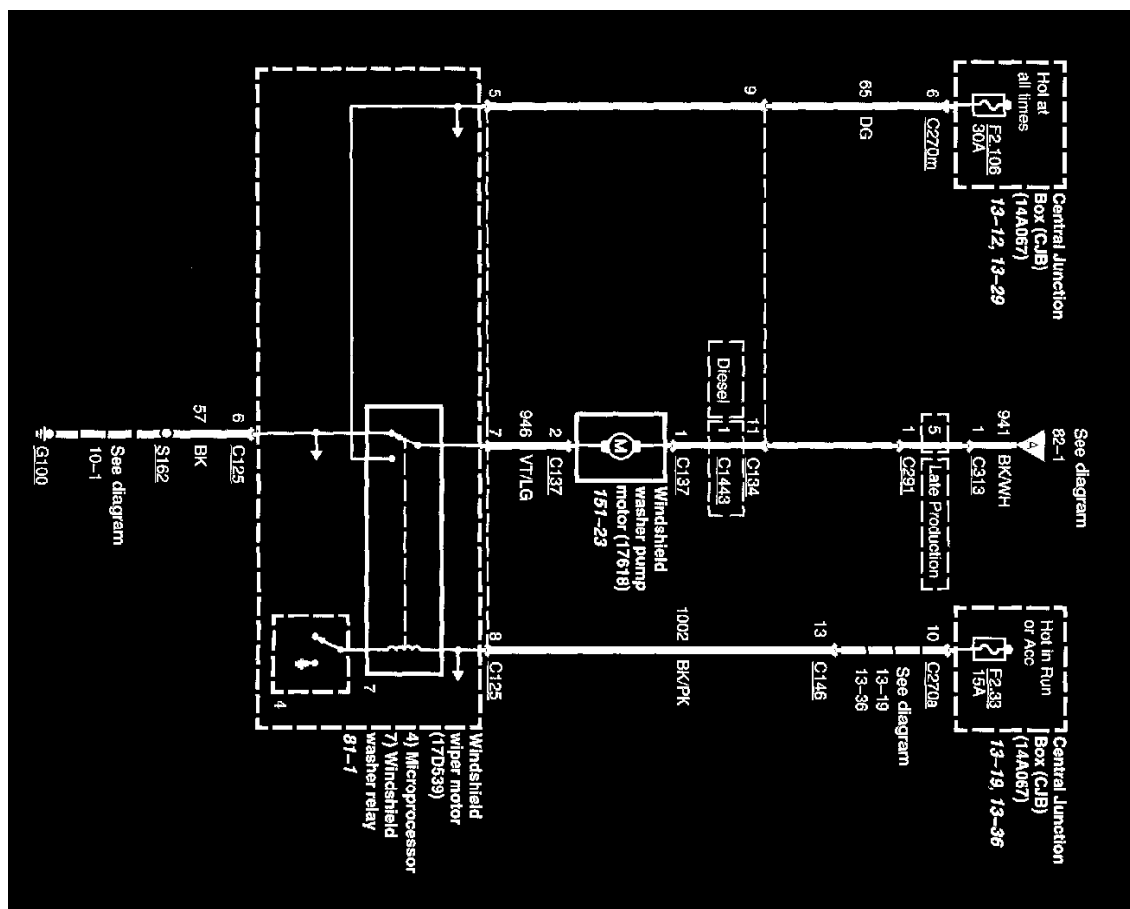
Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**.
See: Components/Component Location Views

Liftgate Wiper/Washer

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.





82-2

Diagrams: Other diagrams referred to by number (See Diagram ##-#, etc.) within these diagrams can be found at **Diagrams By Number**. See: Electrical Diagrams/Diagrams By Number

Locations: Location Views (reference numbers starting with 151-) referred to within these diagrams can be found at **Component Location Views**. See: Components/Component Location Views

Windshield Wiper/Washer

PLEASE NOTE: Some diagrams may appear to be missing because of gaps in the number sequences. These "gaps" are actually for diagrams that do not apply to the vehicle model selected.







Body Cutaway View

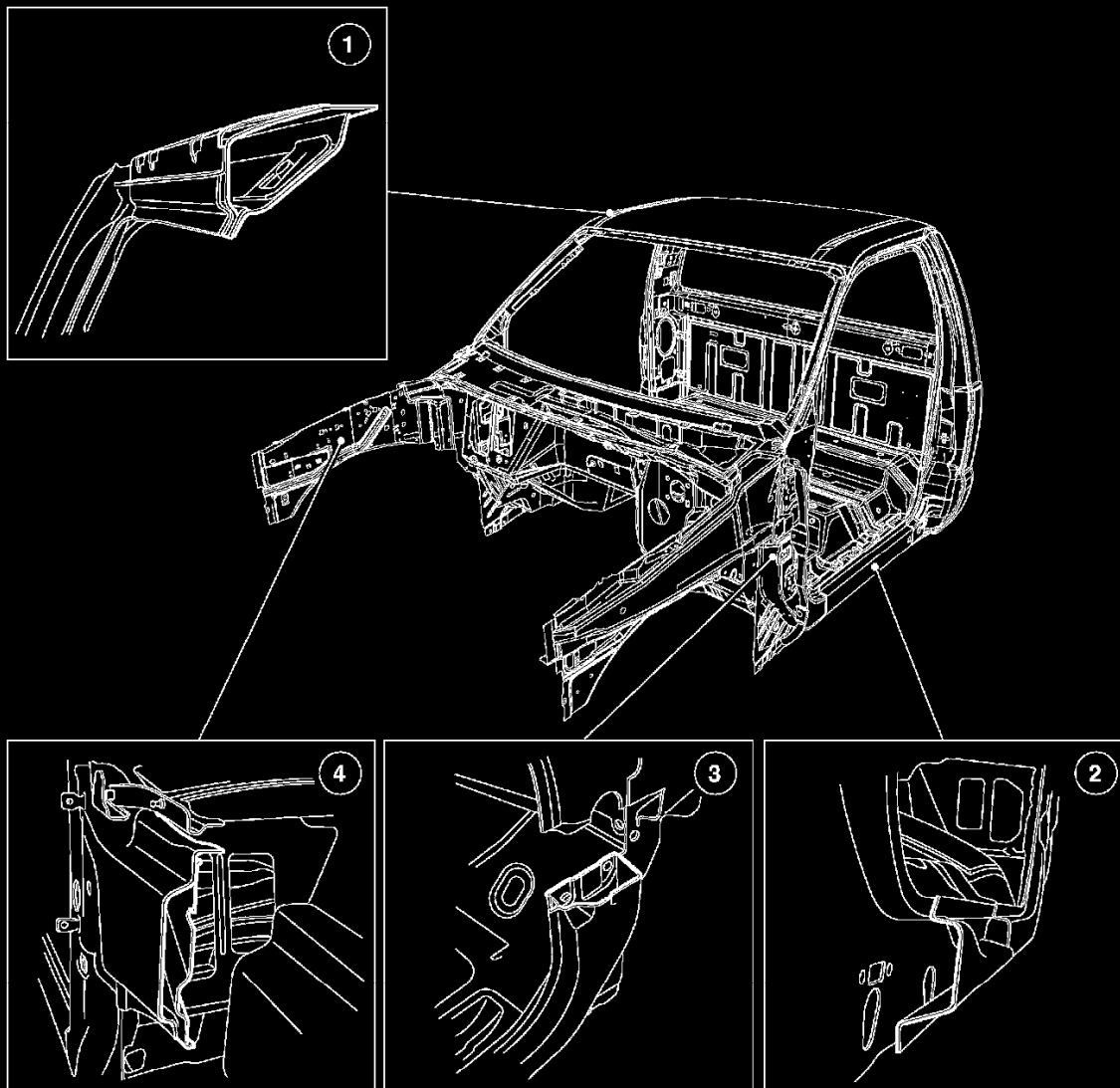
Cutaway View — Front Structure

⚠ CAUTION: Do not heat high-strength steel to straighten.

NOTE: Install a new part if the part has sustained damage resulting in a kink or tear.

NOTE: Cutaway view is accurate in highlighted area. View is intended as a guideline only.

NOTE: Cutaway view does not indicate recommended sectioning area.



A0073028

Item	Description
1	Roof side rail reinforcement cutaway view
2	Body rocker panel cutaway view
3	Front body pillar cutaway view
4	Inner fender reinforcement cutaway view

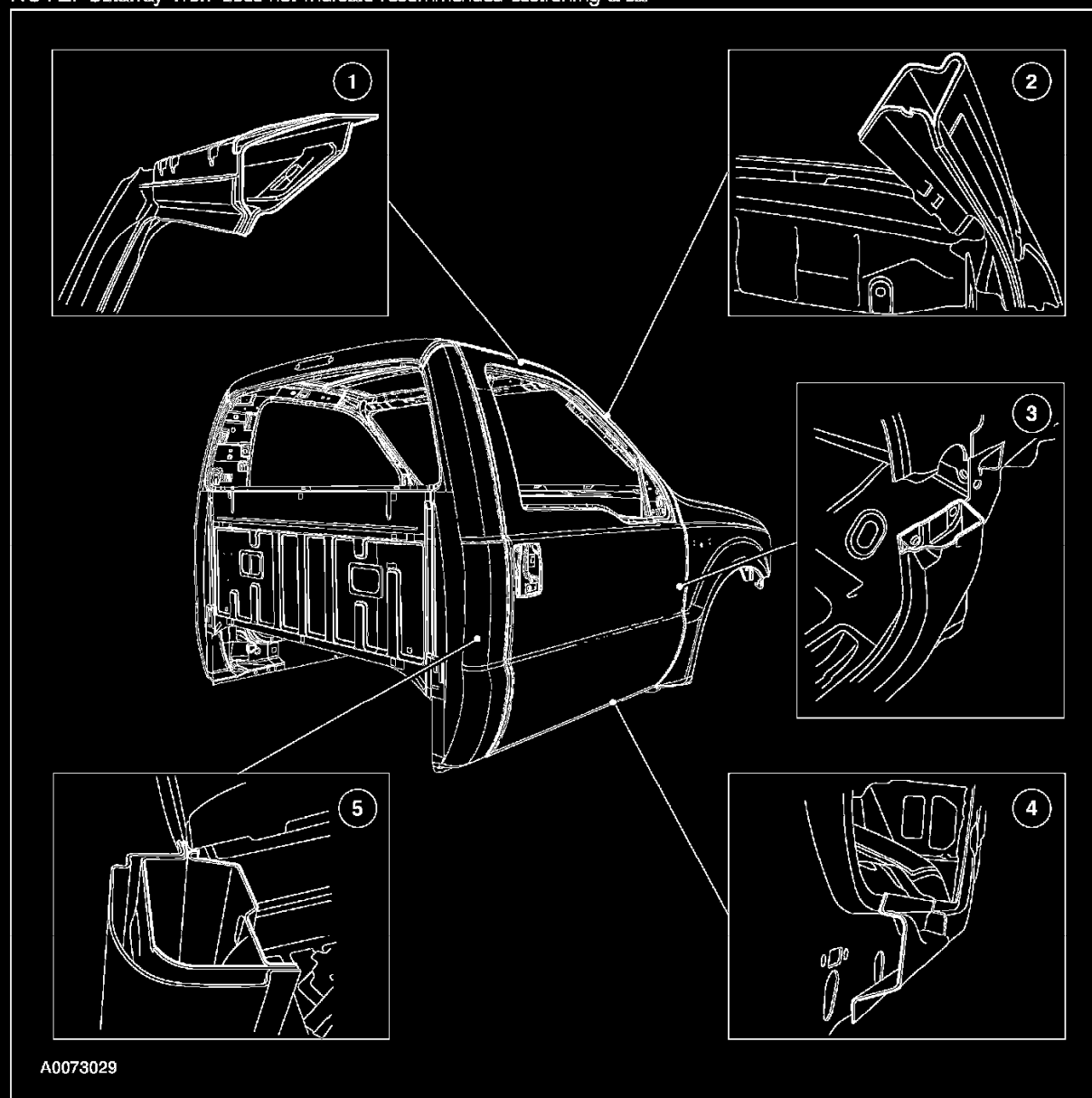
Cutaway View — Regular Cab

⚠ CAUTION: Do not heat high-strength steel to straighten.

NOTE: Install a new part if the part has sustained damage resulting in a kink or tear.

NOTE: Cutaway view is accurate in highlighted area. View is intended as a guideline only.

NOTE: Cutaway view does not indicate recommended sectioning area.



Item	Description
1	Roof line cutaway view
2	Front body pillar reinforcement cutaway view

Item	Description
3	Front body pillar cutaway view
4	Body rocker panel cutaway view
5	Rear cab corner panel cutaway view

Cutaway View - Regular Cab

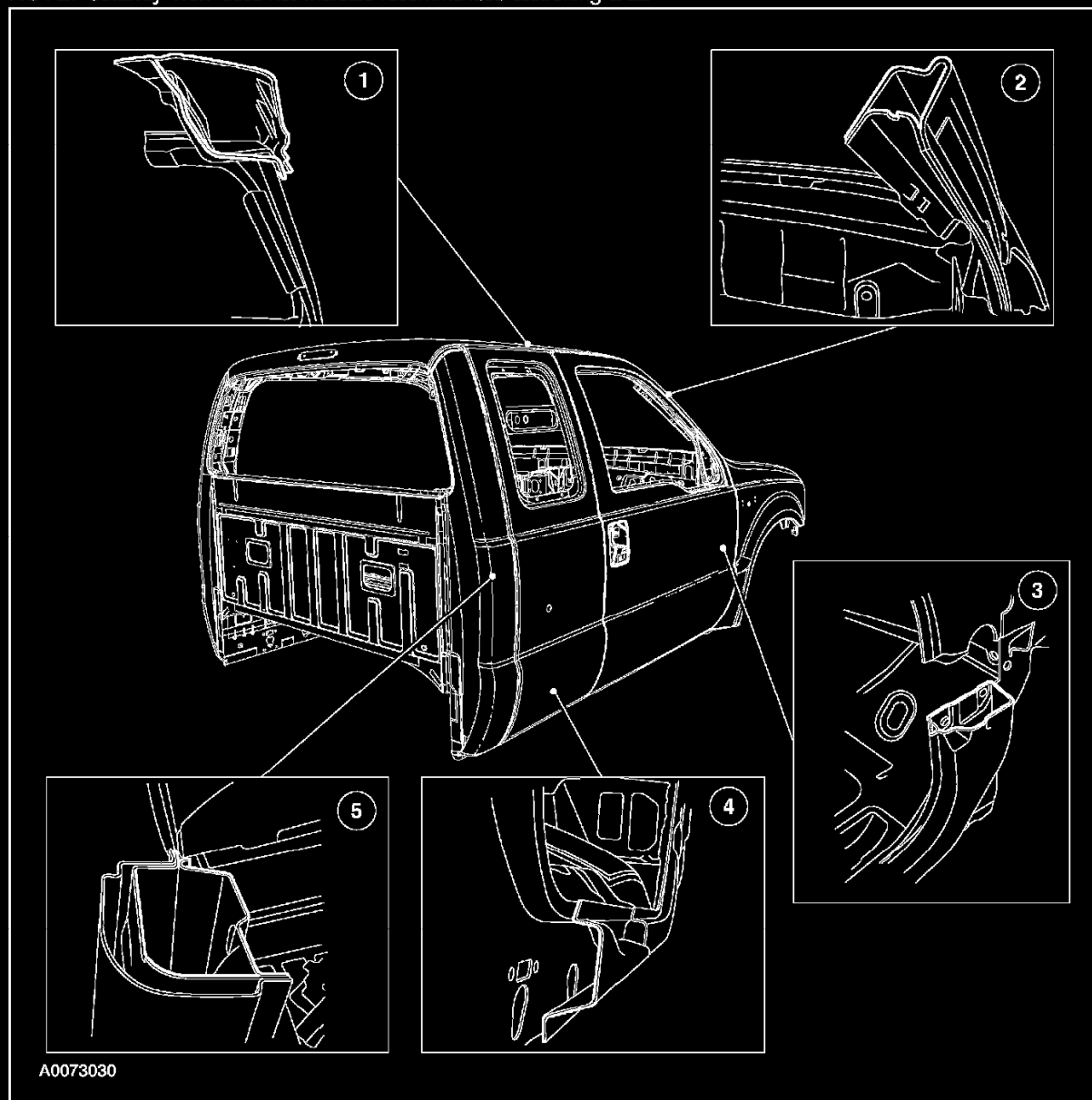
Cutaway View — SuperCab

⚠ CAUTION: Do not heat high-strength steel to straighten.

NOTE: Install a new part if the part has sustained damage resulting in a kink or tear.

NOTE: Cutaway view is accurate in highlighted area. View is intended as a guideline only.

NOTE: Cutaway view does not indicate recommended sectioning area.

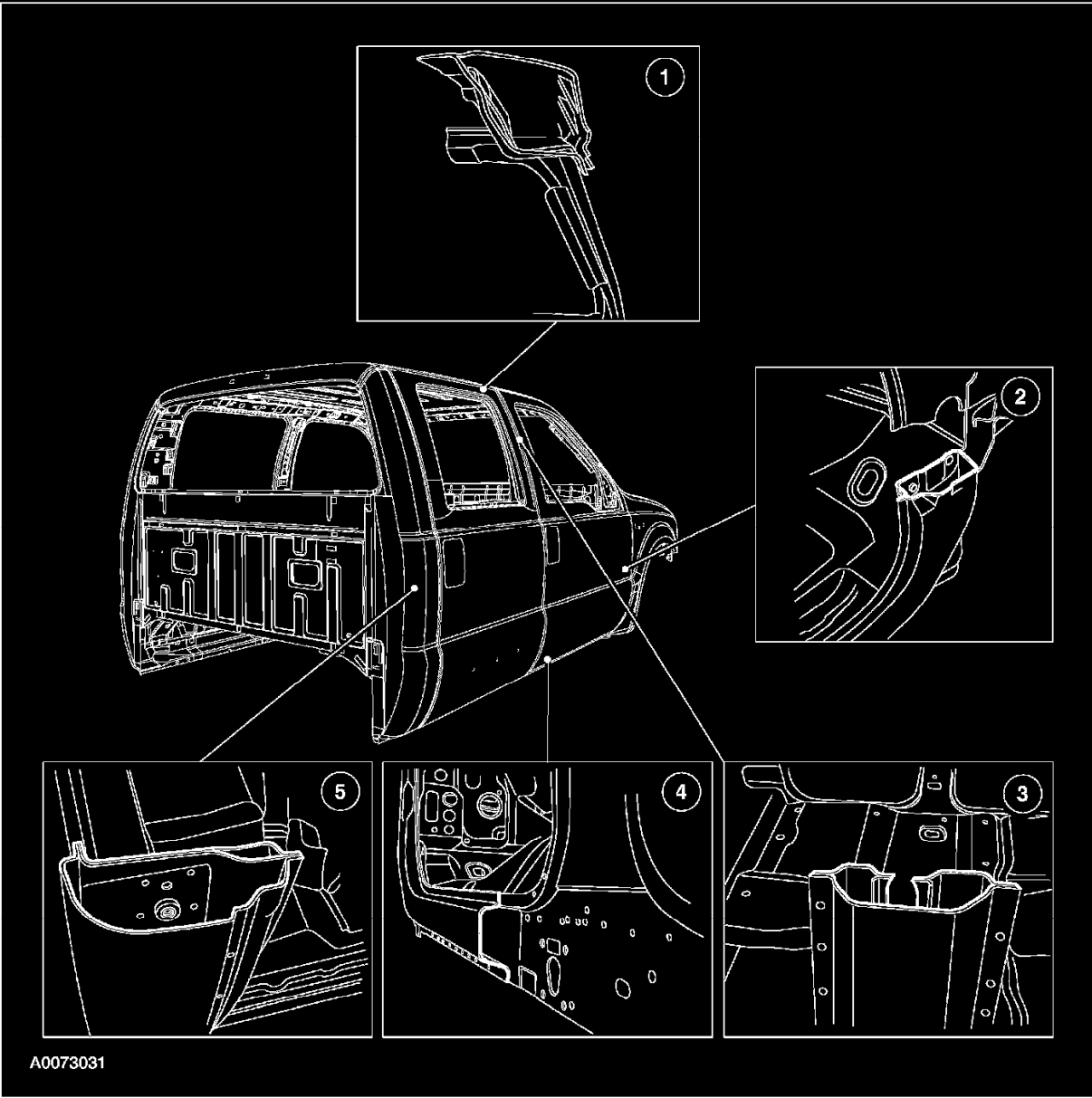


Item	Description
1	Roof rail reinforcement cutaway view
2	Front body pillar upper reinforcement cutaway view
3	Front body pillar cutaway view

Item	Description
4	Body rocker panel cutaway view
5	Rear cab corner panel cutaway view

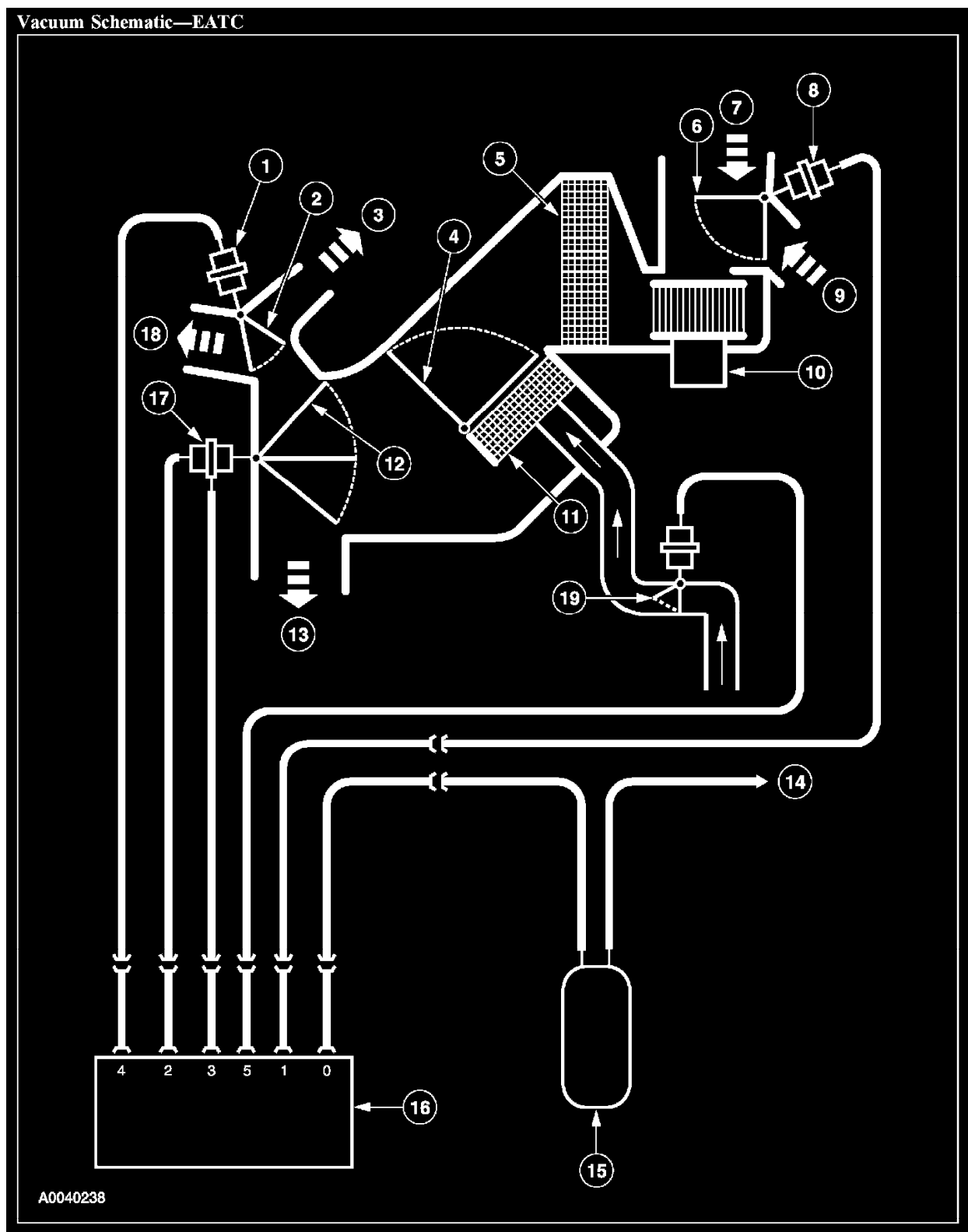
Cutaway View — Crew Cab

⚠ CAUTION: Do not heat high-strength steel to straighten.
 NOTE: Install a new part if the part has sustained damage resulting in a kink or tear.
 NOTE: Cutaway view is accurate in highlighted area. View is intended as a guideline only.
 NOTE: Cutaway view does not indicate recommended sectioning area.



Item	Description
1	Roof rail reinforcement cutaway view
2	Front body pillar cutaway view
3	Center body pillar cutaway view

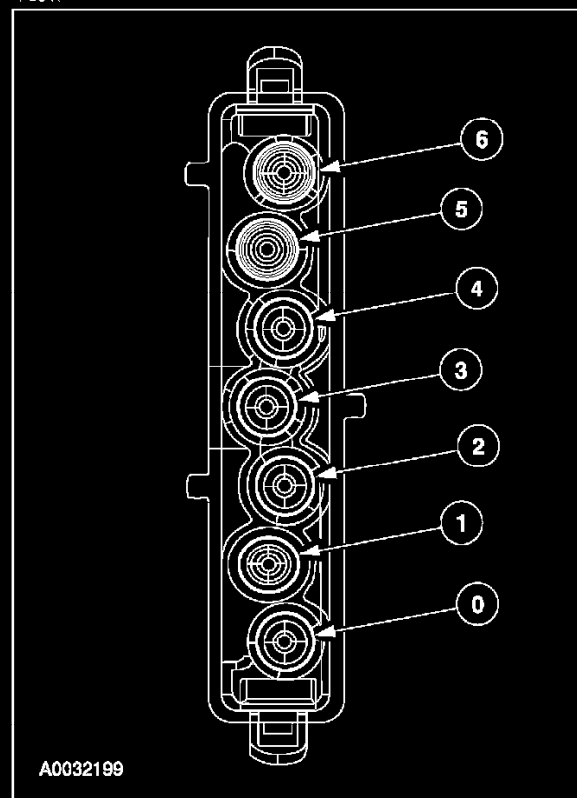
Item	Description
4	Body rocker panel cutaway view
5	Rear cab corner panel cutaway view



Vacuum Schematic - EATC, Part 1

Item	Description
1	Vacuum Control Motor — Panel/Defrost Door
2	Panel/Defrost Door (Full Vacuum Position)
3	Defrost Air Flow
4	Temperature Blend Door (Full Heat Position)
5	A/C Evaporator Core
6	Air Inlet Duct Door (Full Vacuum Position)
7	Outside Air Inlet
8	Vacuum Control Motor — Air Inlet Duct Door
9	Recirculated Air Inlet
10	Blower Motor
11	Heater Core
12	Panel/Floor Door (Full Vacuum Position)
13	Floor Air Flow
14	Vacuum Source
15	A/C Vacuum Reservoir Tank and Bracket
16	ATC Solenoid and Manifold
17	Vacuum Control Motor — Floor/Panel Door
18	Panel Vent Air Flow
19	Heater Control Valve

Vacuum Schematic - EATC, Part 2

ATC Solenoid and Manifold Vacuum Connector End View

Port	Hose Color	Function
0	Black	Vacuum Source
1	White	Air Inlet Duct Door
2	Yellow	Panel/Floor Door
3	Blue	Panel/Floor Door
4	Red	Panel/Defrost Door
5	Gray	Heater Control Valve
6	—	Not used

ATC Solenoid And Manifold Vacuum Connector End View

Vacuum Application Chart — EATC

Port	Color	Function	Manual Override Buttons					
			OFF	PANEL	PNL/FLR	FLR	FLR/DEF	DEF
0	Black	Vacuum Source	V	V	V	V	V	V
1	White	Air Inlet ^a	V	—	—	—	—	NV
2	Yellow	Panel/Floor	V	NV	NV	V	NV	NV
3	Blue	Panel/Floor	V	NV	V	V	V	NV
4	Red	Panel/Defrost	NV	V	V	NV	NV	NV
5	Gray	Heater Control Valve ^b	V	—	—	—	—	—

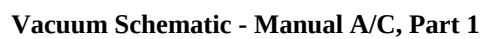
a The EATC system may be manually set to enable or disable the recirculation of cabin air by pressing the RECIRCULATION manual override button in all manual override modes except DEFROST.

b The automatic temper control solenoid and manifold will supply vacuum and close the heater control valve depending on the EATC module settings and ambient conditions in any setting except OFF.

V = Vacuum

NV= No Vacuum

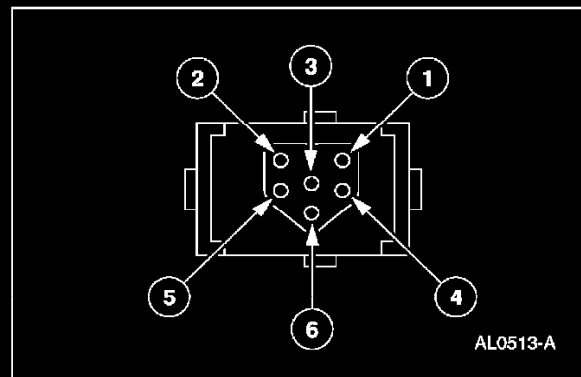
Vacuum Application Chart - EATC



Item	Description
1	Vacuum Control Motor — Panel/Defrost Door
2	Panel/Defrost Door (Full Vacuum Position)
3	Defrost Air Flow
4	Temperature Blend Door (Full Heat Position)
5	A/C Evaporator Core
6	Air Inlet Duct Door (Full Vacuum Position)
7	Outside Air Inlet
8	Vacuum Control Motor — Air Inlet Door
9	Recirculated Air Inlet
10	Blower Motor
11	Heater Core
12	Panel/Floor Door (Full Vacuum Position)
13	Floor Air Flow
14	Vacuum Source
15	A/C Vacuum Reservoir Tank and Bracket
16	A/C-Heater Function Selector Switch
17	Vacuum Control Motor — Panel/Floor Door
18	Panel Vent Air Flow
19	Heater Control Valve

Vacuum Schematic - Manual A/C, Part 2

Function Selector Switch Vacuum Connector End View



Port	Hose Color	Function
1	White	Air Inlet Door
2	Yellow	Panel/Floor Door
3	Black	Vacuum Source
4	—	Not Used
5	Blue	Panel/Floor Door
6	Red	Panel/Defrost Door

Function Selector Switch Vacuum Connector End View

Vacuum Application Chart — Manual A/C

Switch Port	Color	Function	Function Selector Switch Position							
			MAX A/C	A/C	PANEL	OFF	PNL/ FLR	FLOOR	FLR/ DEF	DEF
1	White	Recirc/ Fresh and Heater Control Valve	V	NV	NV	V	NV	NV	NV	NV
2	Yellow	Panel/ Floor	NV	NV	NV	V	NV	V	NV	NV
3	Black	Vacuum Source	V	V	V	V	V	V	V	V
5	Blue	Panel/ Floor	NV	NV	NV	V	V	V	V	NV
6	Red	Panel/ Defrost	V	V	V	NV	V	NV	NV	NV

- V = Vacuum
- NV= No Vacuum

Vacuum Application Chart - Manual A/C**Component Location Index**

PLEASE NOTE: If a link on the Component Location Index to a view is not provided, that means that the Component and/or View in question does NOT apply to the vehicle model selected.

Components	
Location	View 151-*/coordinates
4R100 Transmission (7G391)	
vehicle underbody	11-A5
4x4 High/Low indicator switch	
on transfer case	10-C6
A/C clutch field coil - 6.0L	
engine front, on A/C compressor	9-E7
A/C clutch field coil - 5.4L	
engine front, on A/C compressor	4-C1
A/C clutch field coil - 6.8L	
engine front, on A/C compressor	6-D1
A/C clutch relay	
engine compartment, LH side, rear, in auxiliary relay box 5	20-A3
A/C clutch relay	
engine compartment, rear, in auxiliary relay box 4	16-A5
A/C Compressor clutch diode	
in Central Junction Box (CJB), (not serviceable)	31-E4
A/C compressor cycling switch (19E561)	
engine compartment, RH side	15-A7
A/C high pressure switch (19DE561)	
engine front, RH side - 5.4L	4-B1
A/C high pressure switch (19DE561)	
engine front, RH side - 6.0L	8-D1
A/C high pressure switch (19D594) - 6.8L	
engine front, RH side	6-D1
ABS control module (2C219)	
engine compartment, LH side	21-E6
Accelerator pedal position sensor	
on accelerator pedal support	27-E5
Accessory delay relay	
in Central Junction Box (CJB)	31-A2
Adjustable pedal motor (9G662)	
in LH front footwell, without memory	51-D5
Adjustable pedal motor (9G662)	
in LH front footwell with memory	51-D5
Adjustable pedal switch	
dash panel, LH side	28-D8
Air bag sliding contact (14A664)	
on steering column	30-E2
Air filter sensor	
engine compartment, LH side, on air cleaner housing	20-F6
Ambient air temperature sensor (19E702)	
engine compartment, front	22-D2
Auxiliary A/C relay	
behind dash panel, LH side, in auxiliary fuse and relay box 1	51-F6
Auxiliary function selector switch assembly, front	
roof, above front seats	48-E2
Auxiliary function selector switch assembly, rear	
roof, middle row of seats	44-A3
Auxiliary Powertrain Control Module (APCM)	
behind dash panel, LH side, near steering column	28-A7
Auxiliary relay box 1	
dash panel, behind glove box	51-F6
Auxiliary relay box 2	
engine compartment, LH side	20-A5
Auxiliary relay box 3	
engine compartment, LH side, rear	16-A4
Auxiliary relay box 4	
engine compartment, LH side, rear	16-A5
Auxiliary relay box 5	
engine compartment, LH side, rear	20-A3
Barometric Absolute Pressure (BAP) sensor	
behind dash panel, LH side, near steering column	30-F3
Battery (10655)	
engine compartment, RH side	25-B2
Battery II	
engine compartment, LH side	21-C6
Battery saver relay	
instrument cluster, (not serviceable)	
Blend door actuator, rear (19E616)	
Vehicle interior, RH side, after C-pillar	39-E4
Blower motor, rear (18456)	
Vehicle interior, RH side, after C-pillar	39-B7

Components	View 151-*/coordinates
Location	
Blower motor relay	
in Central Junction Box (CJB)	31-A2
Brake fluid level switch (2L414)	
engine compartment, rear, LH side	18-A4
Brake pedal position switch (13480)	
on brake pedal support	51-D6
Brake pressure switch (2B264)	
engine compartment, LH side – rear	18-E2
Brake shift interlock	
on steering column	30-E5
Camshaft position sensor (6B288)	
engine, front, on LH cylinder head – 5.4L	4-D7
Camshaft position sensor (6B288)	
engine, upper, on front of the LH cylinder head – 6.8L	6-E4
Camshaft position sensor (6B288)	
engine, LH side, bottom – 6.0L	8-F4
Cargo lamp	
rear window, top	42-B2
Central Junction Box (CJB) (14A067)	
under dash panel, LH side	31-E5
Cigar lighter, front (15055)	
dash panel, center, bottom	51-E4
Clutch pedal position switch	
on clutch pedal support	52-C2
Coil On Plug (COP) 1 (12029)	
engine, top RH side – 5.4L	3-D8
Coil On Plug (COP) 1 (12029)	
engine, top RH side – 6.8L	5-B7
Coil On Plug (COP) 2 (12029)	
engine, top RH side – 5.4L	3-E7
Coil On Plug (COP) 2 (12029)	
engine, top RH side – 6.8L	5-A6
Coil On Plug (COP) 3 (12029)	
engine, top RH side – 5.4L	3-E6
Coil On Plug (COP) 3 (12029)	
engine, top RH side – 6.8L	5-B2
Coil On Plug (COP) 4 (12029)	
engine, top RH side – 5.4L	3-F5
Coil On Plug (COP) 4 (12029)	
engine, top RH side – 6.8L	5-B2
Coil On Plug (COP) 5 (12029)	
engine, top LH side – 5.4L	2-E3
Coil On Plug (COP) 5 (12029)	
engine, top LH side – 6.8L	5-C2
Coil On Plug (COP) 6 (12029)	
engine, top LH side – 5.4L	2-E5
Coil On Plug (COP) 6 (12029)	
engine, top LH side – 6.8L	6-C2
Coil On Plug (COP) 7 (12029)	
engine, top LH side – 5.4L	2-E6
Coil On Plug (COP) 7 (12029)	
engine, top LH side – 6.8L	6-B4
Coil On Plug (COP) 8 (12029)	
engine, top RH side – 5.4L	2-E6
Coil On Plug (COP) 8 (12029)	
engine, top RH side – 6.8L	6-A4
Coil On Plug (COP) 9 (12029)	
engine, top LH side	6-A6
Coil On Plug (COP) 10 (12029)	
engine, top LH side	6-A7
Crankshaft position sensor (6C315)	
engine, front, behind crankshaft pulley – 5.4L	4-E2
Crankshaft position sensor (6C315)	
engine, RH side below glow plug bank, right – 6.0L	9-E6
Crankshaft position sensor (6C315)	
engine, front behind crankshaft pulley – 6.8L	6-D2
Cylinder-head temperature sensor (6G004)	
engine, top left hand side – 5.4L	4-B2
Cylinder-head temperature sensor (6G004)	
engine, top, LH side – 6.8L	6-A2
Data Link Connector (DLC) (14489)	
under dash panel, LH side	28-E6
Daytime Running Lamps (DRL) relay 1	
engine compartment, rear, in auxiliary relay box 2	20-A5

Components	Location	View 151-*/coordinates
Daytime Running Lamps (DRL) relay 2	engine compartment, rear, in auxiliary relay box 2	20-A5
Daytime running lamps resistor	engine compartment, front, LH side	21-E7
Differential Pressure Feedback EGR (DPFBE) sensor (9J460)	engine, top RH side of throttle body	2-A5
Digital Transmission Range (DTR) sensor (7F293)	transmission, LH side	11-E5
Door ajar switch, driver side front (14018)	in driver door	40-D2
Door ajar switch, driver side rear (14018)	in LH rear door	41-C7
Door ajar switch, passenger side front (14018)	in passenger door	40-C2
Door ajar switch, passenger side rear (14018)	in RH rear door	41-C7
Door entry lamp, left front (13776)	in driver door	40-E2
Door entry lamp, right front (13776)	in passenger door	40-F2
Door lock actuator, left front	in driver door	40-C2
Door lock actuator, left rear (218A43)	in LH rear door	41-C7
Door lock actuator, passenger side (218A42)	in passenger door	40-B2
Door lock actuator, right rear (218A42)	in RH rear door	41-B7
Door lock relay	in Vehicle Security Module (VSM) (not serviceable) . .	52-E5
Door lock switch, driver side (14963)	in driver door, top	40-B3
Door lock switch, passenger side (14028)	in passenger door, top	40-A3
Driver air bag unit (78043B13)	on steering column	

Driver door unlock relay	in Vehicle Security Module (VSM) (not serviceable) . .	52-E5
Driver memory seat front height sensor	under driver seat	34-E2
Driver memory seat horizontal sensor	under driver seat	34-D6
Driver memory seat rear height sensor	under driver seat	34-A4
Driver safety belt retractor pretensioner	LH B-pillar	37-E6
Driver seat module (14C708) A	under driver seat	34-E3
Dual pressure switch (19D594)	engine, front, near bottom	9-D7
DVD player	in roof panel, middle row of seats	44-E4
EGR valve actuator	engine, top, near throttle body — 6.0L	9-A6
Electr. Vacuum Regulator (EVR) solenoid valve	engine, top, rear	7-A3
Electrochromatic inside mirror unit (17700)	roof, front, center	44-E3
Electronic Automatic Temperature Control (EATC) module (19980)	dash panel, center	51-A2
Electronic fan clutch	engine, top, front	8-D1
Electronic Shift On the Fly (ESOF) solenoid	engine compartment, RH side	15-A2
Electronic Throttle Control (ETC) motor	engine, attached to throttle body	9-B7
Engine compartment lamp	engine compartment	50-A3
Engine Coolant Temperature (ECT) sensor (12A648)	engine, front, LH side, near thermostat housing	8-E2
Engine Oil Temperature (EOT) sensor	engine, top, on oil reservoir	9-C7
EVAP canister vent control solenoid	engine compartment, LH side, rear	18-A6

Components	
Location	View 151-*/coordinates
Exhaust Back Pressure (EBP) sensor engine, near camshaft pulley, RH side	8-E2
Exterior rear view mirror, driver side (17682)	40-C6
driver's door (exterior)	40-C6
Exterior rear view mirror, passenger side (17683)	40-C6
passenger's door (exterior)	40-C6
Exterior rear view mirror switch (17B676)	40-B7
in driver door, top	40-B7
F1.1	
in Auxiliary Relay Box 5	
F1.2	
in Central Junction Box (CJB)	
F2.1	
in Central Junction Box (CJB)	
F2.2	
in Central Junction Box (CJB)	
F2.3	
in Central Junction Box (CJB)	
F2.4	
in Central Junction Box (CJB)	
F2.5	
in Central Junction Box (CJB)	
F2.6	
in Central Junction Box (CJB)	
F2.7	
in Central Junction Box (CJB)	
F2.8	
in Central Junction Box (CJB)	
F2.9	
in Central Junction Box (CJB)	
F2.10	
in Central Junction Box (CJB)	
F2.11	
in Central Junction Box (CJB)	
F2.12	
in Central Junction Box (CJB)	
F2.13	
in Central Junction Box (CJB)	
F2.14	
in Central Junction Box (CJB)	
F2.15	
in Central Junction Box (CJB)	
F2.16	
in Central Junction Box (CJB)	
F2.17	
in Central Junction Box (CJB)	
F2.18	
in Central Junction Box (CJB)	
F2.19	
in Central Junction Box (CJB)	
F2.20	
in Central Junction Box (CJB)	
F2.21	
in Central Junction Box (CJB)	
F2.22	
in Central Junction Box (CJB)	
F2.23	
in Central Junction Box (CJB)	
F2.24	
in Central Junction Box (CJB)	
F2.25	
in Central Junction Box (CJB)	
F2.26	
in Central Junction Box (CJB)	
F2.27	
in Central Junction Box (CJB)	
F2.28	
in Central Junction Box (CJB)	
F2.29	
in Central Junction Box (CJB)	
F2.30	
in Central Junction Box (CJB)	
F2.31	
in Central Junction Box (CJB)	
F2.32	
in Central Junction Box (CJB)	

Ex-F2.32

Components	View 151-*/coordinates
Location	
F2.33 in Central Junction Box (CJB)	F2.103 in Central Junction Box (CJB)
F2.34 in Central Junction Box (CJB)	F2.104 in Central Junction Box (CJB)
F2.35 in Central Junction Box (CJB)	F2.105 in Central Junction Box (CJB)
F2.36 in Central Junction Box (CJB)	F2.106 in Central Junction Box (CJB)
F2.37 in Central Junction Box (CJB)	F2.107 in Central Junction Box (CJB)
F2.38 in Central Junction Box (CJB)	F2.108 in Central Junction Box (CJB)
F2.39 in Central Junction Box (CJB)	F2.109 in Central Junction Box (CJB)
F2.40 in Central Junction Box (CJB)	F2.110 in Central Junction Box (CJB)
F2.41 in Central Junction Box (CJB)	F2.111 in Central Junction Box (CJB)
F2.42 in Central Junction Box (CJB)	F2.112 in Central Junction Box (CJB)
F2.43 in Central Junction Box (CJB)	F2.113 in Central Junction Box (CJB)
F2.44 in Central Junction Box (CJB)	F2.114 in Central Junction Box (CJB)
F2.45 in Central Junction Box (CJB)	F2.115 in Central Junction Box (CJB)
F2.46 in Central Junction Box (CJB)	F2.116 in Central Junction Box (CJB)
F2.47 in Central Junction Box (CJB)	F2.601 in Central Junction Box (CJB)
F2.48 in Central Junction Box (CJB)	F2.602 in Central Junction Box (CJB)
F2.101 in Central Junction Box (CJB)	Fog lamp, left front (15200) front of vehicle (exterior), LH side 24-B3
F2.102 in Central Junction Box (CJB)	Fog lamp, right front (15200) front of vehicle (exterior), front 24-B2
	Fog lamp relay in Central Junction Box (CJB), (not serviceable) 31-A2
	Four-wheel drive control module (14B466) under dash panel, RH side 28-C1

Components		View 151-*/coordinates
Location		
Four-wheel drive switch dash panel, LH side		51-E4
Front blower motor speed controller (19E624) engine compartment, RH side, rear		15-E5
Fuel heater engine, top, RH side		13-E5
Fuel heater relay in Central Junction Box (CJB)		31-A2
Fuel injector 1 (9F593) engine, top RH side - 5.4L		3-A6
Fuel injector 1 (9F593) engine, top RH side - 6.0L		8-C1
Fuel injector 1 (9F593) engine, top RH side - 6.8L		5-D7
Fuel injector 2 (9F593) engine, top RH side - 5.4L		3-A5
Fuel injector 2 (9F593) engine, top RH side - 6.0L		9-A5
Fuel injector 2 (9F593) engine, top RH side - 6.8L		5-D7
Fuel injector 3 (9F593) engine, top RH side - 5.4L		3-A2
Fuel injector 3 (9F593) engine, top RH side - 6.0L		9-F3
Fuel injector 3 (9F593) engine, top RH side - 6.8L		5-E6
Fuel injector 4 (9F593) engine, top RH side - 5.4L		3-B2
Fuel injector 4 (9F593) engine, top RH side - 6.0L		8-C7
Fuel injector 4 (9F593) engine, top RH side - 6.8L		5-E6
Fuel injector 5 (9F593) engine, top LH side - 5.4L		2-B2
Fuel injector 5 (9F593) engine, top RH side - 6.0L		9-E3
Fuel injector 5 (9F593) engine, top RH side - 6.8L		5-E5
Fuel injector 6 (9F593) engine, top LH side - 6.0L		8-A7
Fuel injector 6 (9F593) engine, top LH side - 6.8L		6-E5
Fuel injector 6 (9F593) engine, top LH side - 5.4L		2-A4
Fuel injector 7 (9F593) engine, top LH side - 5.4L		2-B6
Fuel injector 7 (9F593) engine, top RH side - 6.0L		9-E3
Fuel injector 7 (9F593) engine, top LH side - 6.8L		6-E6
Fuel injector 8 (9F593) engine, top LH side - 5.4L		2-B7
Fuel injector 8 (9F593) engine, top LH side - 6.0L		9-C2
Fuel injector 8 (9F593) engine, top LH side - 6.8L		6-E7
Fuel injector 9 (9F593) engine, top LH side		6-D7
Fuel injector 10 (9F593) engine, top LH side		6-B7
Fuel Injector Control Module (FICM) engine compartment, top, LH side		8-B7
Fuel Injection Control Module (FICM) power relay engine compartment, top, LH side		9-A3
Fuel Injector Control Module (FICM) power relay engine compartment, LH side, rear in auxiliary relay box 5		20-A3
Fuel pump relay in Central Junction Box (CJB), (not serviceable)		31-A2
Fuel pump vehicle underbody, LH side, near transmission		13-D7
Fuel sender, primary vehicle underbody, on fuel tank		50-B2
Fuel sender, secondary vehicle underbody, on fuel tank		50-F7

Components	
Location	View 151-*/coordinates
Fuel tank selector switch (9A050) behind dash panel, LH side	28-F7
Fuel tank selector valve	
vehicle rear end, LH side	50-C1
Fuel tank unit (9H307)	
vehicle underbody, LH side – pickup with federal emissions	46-D5
Fuel tank unit (9H307)	
vehicle underbody, LH side – Excursion, pickup with California emissions	46-D5
Function selector switch assembly, front in dash panel	51-B4
Fusible link A	
engine compartment, LH side, rear	
Fusible link B	
engine compartment, LH side, rear	
Fusible link C	
engine compartment, rear	
Fusible link D	
engine compartment, RH side	
Fusible link E	
engine compartment, RH side	
Fusible link F	
engine, top	
Fusible link G	
engine, top	
Fusible link H	
engine compartment, LH side, front	
Fusible link I	
engine compartment, LH side, front	
Fusible link J	
engine compartment, LH side, front	
Generator	
engine, upper front, – 6.8L	6-B2
Generator	
engine, upper front – 5.4L	4-A4
Generator	
engine, RH side, top – 6.0L	8-A4
Generator	
engine, RH side top – 6.0L with dual generators	26-A5
Generator, secondary	
engine, lower, front, RH side – 6.0L with dual generators	26-E3
Glove box lamp (14413)	
dash panel, behind glove box	28-B2
Glow plug bank, left	
engine, LH side, attached to cylinder head	9-E6
Glow plug bank, right	
engine, RH side, attached to cylinder head	8-D7
Glow plug control module (GPCM)	
engine, top, front	9-C7
Headlamp, left (13008)	
front of vehicle, LH side	21-A3
Headlamp, right (13008)	
front of vehicle, RH side	23-B3
Headlamp relay	
in Vehicle Security Module (VSM) (not serviceable)	52-E5
Heated Oxygen Sensor (HO2S) #11 (9F472) in exhaust system, RH side	7-D7
Heated Oxygen Sensor (HO2S) #12 (9G444) vehicle underbody, RH side, near transmission	10-B7
Heated Oxygen Sensor (HO2S) #21 (9F472) in exhaust system, LH side	7-E2
Heated seat relay, driver side front (14C724) under driver seat	34-F4
Heated positive crankcase ventilation (PCV) element engine, top, RH side	5-E8
Heater blower motor (19805)	
engine compartment, RH side	15-A5
Heater blower motor resistor, front (19A706) engine compartment, rear	15-E5
Heater blower motor resistor, rear (19A706)	
Vehicle interior, RH side, after C-pillar	39-B4
High mounted stoplamp (13A613) in liftgate, top – Excursion	42-D2

Components**Location****View 151-*/coordinates**

High mounted stoplamp (13A613) above rear window, exterior – Pickup	45-A5
High speed blower motor relay	
RH D-pillar	39-E5
Horn (13832) engine compartment, front, RH side	23-E4
Horn relay in Central Junction Box (CJB), (not serviceable)	31-A2
Idle Air Control (IAC) valve (9F715) engine, top, LH side – 5.4L	2-B3
Idle Air Control (IAC) valve (9F715) engine, top, behind throttle body – 6.8L	5-A4
Ignition switch (11572) on steering column	30-E6
Ignition transformer capacitor 1 engine, top – 5.4L	4-D7
Ignition transformer capacitor 1 engine, top – 6.8L	6-C1
Ignition transformer capacitor 2 (18801) engine, top – 5.4L	2-F3
Ignition transformer capacitor 2 engine, top, on front of the LH valve cover – 6.8L	6-C2
In-vehicle temperature sensor (19C734) behind dash panel, LH side, near steering column	51-E6
Indicator flasher relay (13350) behind dash panel, LH side, in auxiliary relay box 1	51-F6
Inertia Fuel Shutoff (IFS) switch (9D362) under dash panel, RH side	28-E4
Injection Control Pressure (ICP) sensor engine, top, rear	8-A7
Injection Pressure Regulator (IPR) engine, top, on oil pump	9-D2
Instrument cluster (10849) dash panel, LH side	51-A6
Interior/map lamps assembly, front in roof panel, front, center	45-A3

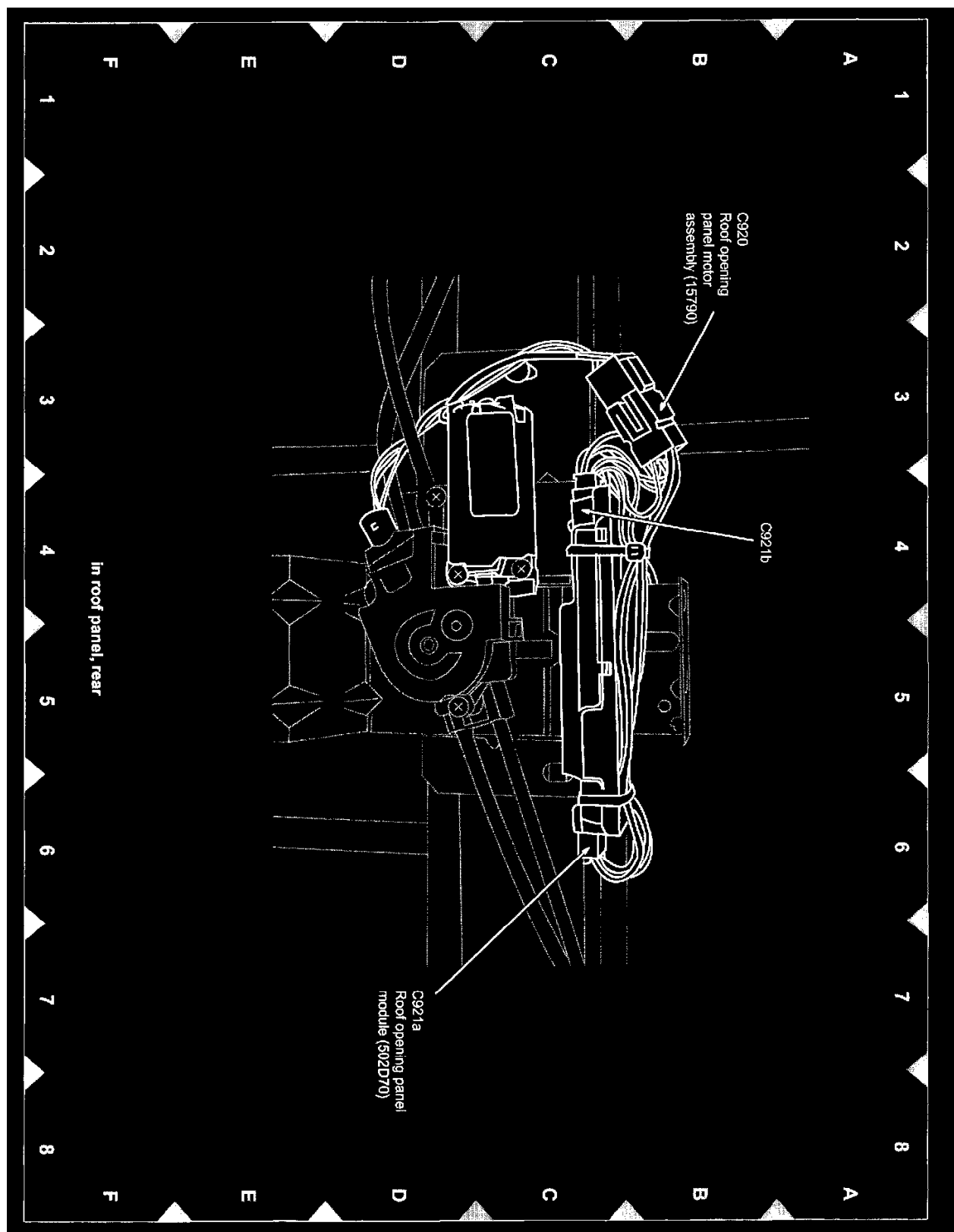
Interior/map lamps assembly, rear in roof panel, above rear seats	45-A6
Interior lamps relay instrument cluster, (not serviceable)	51-A6
Junction block engine compartment, LH side	
Key pad switch assembly in driver door	40-B2
Key warning switch (11A127) on steering column	
Knock sensor (12A699) engine, rear, RH cylinder head – 5.4L	3-D1
Knock sensor (12A699) engine, RH cylinder head – 6.8L	7-C7
License plate lamp, left vehicle rear end	46-E1
License plate lamp, right vehicle rear end	46-E2
Liftgate ajar switch, left in liftgate, LH side	42-D6
Liftgate ajar switch, right in liftgate, RH side	43-E2
Liftgate lock actuator in liftgate, LH side	43-D6
Main light switch (11654) dash panel, LH side, near steering column	51-C7
Manifold Absolute Pressure (MAP) sensor engine compartment, rear	17-E4
Manifold Air Temperature (MAT) sensor engine, LH side, in intake system	8-A6
Mass Air Flow (MAF) sensor (13480) engine compartment, in intake system	18-D6
Master window adjust switch (14540) in driver door, top	40-A4
Memory set switch (14B709) in driver door, top	40-A2
Mode door actuator, rear (19E616) Vehicle interior, RH side, after C-pillar	39-B3
Multifunction switch on steering column	30-B7

Components	View 151-*/coordinates
Location	
Oil pressure switch (9278)	4-F5
Oil pressure switch (9278) engine, LH side lower – 5.4L	
Oil pressure switch (9278) engine, LH side, lower – 6.8L	6-E4
Oil pressure switch (9278) engine, top, behind generator – 6.0L	9-B7
Output Shaft Speed (OSS) sensor (7M101) transmission, top, rear – gasoline	11-B6
Output Shaft Speed (OSS) sensor (7M101) transmission, rear – TorqShift – 6.0L	12-B3
Overdrive cancel switch (7G550) on steering column	30-A3
Overhead console roof, front, center, without roof opening	45-E3
Overhead console roof, front, center, with roof opening	45-F3
Park/stop/turn lamp, left rear vehicle rear end, LH side	50-E3
Park/stop/turn lamp, right rear vehicle rear end, RH side	50-C7
Park/turn lamp, left front (13411) front of vehicle, LH side	22-E3
Park/turn lamp, right front (13411) front of vehicle, RH side	23-E5
Park lamp relay in Vehicle Security Module (VSM) (not serviceable)	52-E6
Park brake relay engine compartment, rear, in auxiliary relay box 2	20-A5
Parking aid disable switch (15A860) dash panel, LH side	51-F5
Parking Aid Module (PAM) (15T850) RH A-pillar, behind trim panel – Pickup	33-A7
Parking Aid Module (PAM) (15T850) Vehicle interior, RH side, after C-pillar – Excursion	39-E6
Parking aid sensor, inner left (15K859) rear bumper, LH side	50-E6
Parking aid sensor, inner right (15K859) rear bumper, RH side	50-E7
Parking aid sensor, outer left (15K859) rear bumper, LH side	50-E5
Parking aid sensor, outer right (15K859) rear bumper, RH side	50-E8
Parking aid speaker RH A-pillar, behind trim panel – Pickup	33-A4
Parking aid speaker RH D-pillar – Excursion	39-A6
Parking brake switch (15A851) in footwell, driver side	27-B2
Passenger Air bag Deactivation (PAD) switch dash panel, center, bottom	51-E4
Passenger air bag module (1504A74) dash panel, RH side	28-B3
Passenger safety belt retractor pretensioner RH B-pillar	36-A3
Passive anti-theft transceiver behind dash panel, LH side, near steering column	30-C2
Passive anti-theft transceiver module (19A366) behind dash panel, LH side	51-A5
PCM power diode in Central Junction Box (CJB), (not serviceable)	52-E4
PCM power relay in Central Junction Box (CJB)	52-E4
Power point, console (19N236) center console, in rear	29-B7
Power point, C-pillar (19N236) LH side, after C-pillar	38-B2
Power point, instrument panel (19N236) dash panel, center, bottom	28-E4
Power point, rear (19G247) RH D-pillar	39-C7
Power seat motor assembly, left under driver seat	34-D2
Power seat motor assembly, right under passenger seat	35-E6
Powertrain Control Module (PCM) (12A650) engine compartment, left fender – 6.0L	20-A8

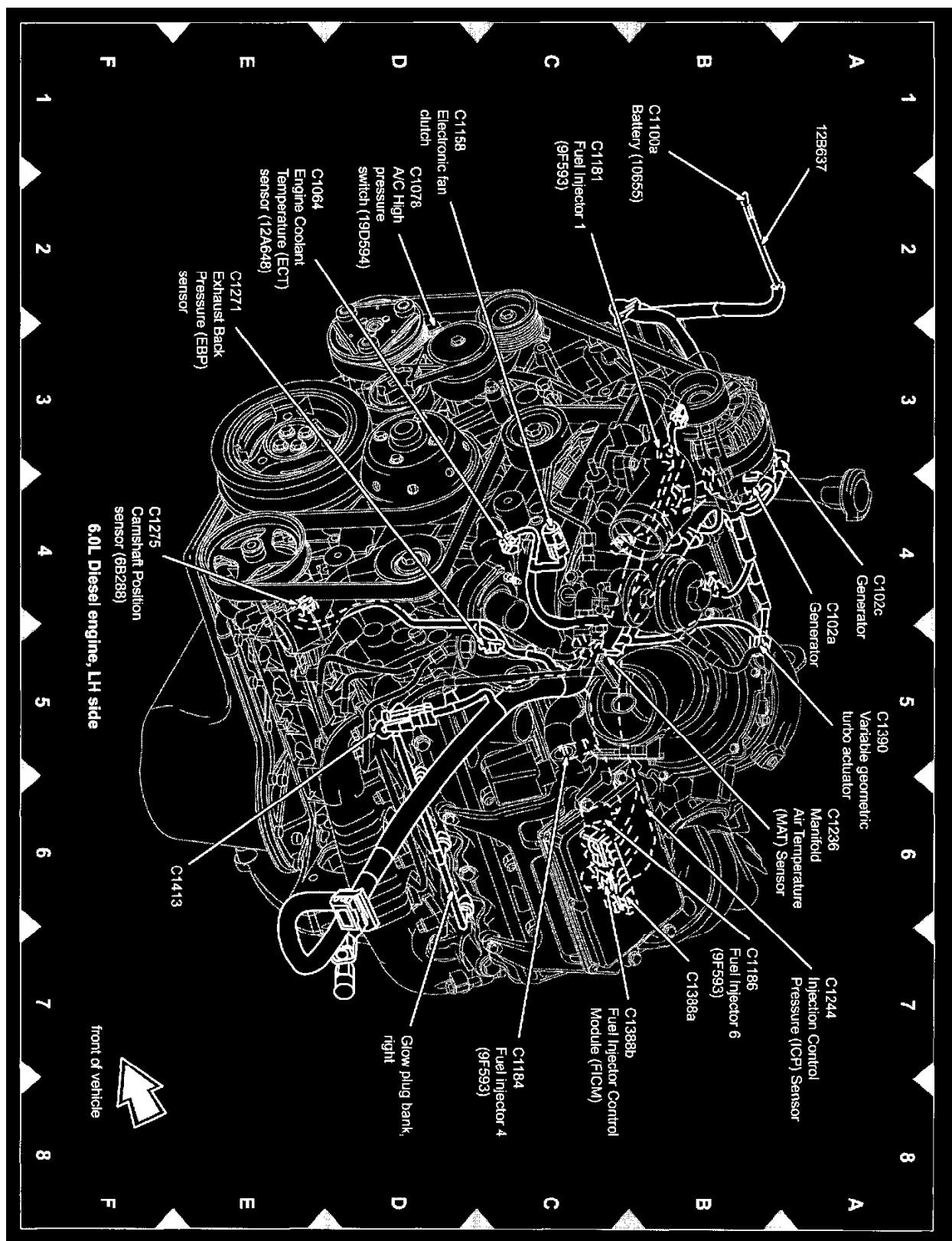
Components		View 151-*/coordinates	
Location			
Powertrain Control Module (PCM) (12A650)			
engine compartment, LH side, rear, gasoline	19-D2	Rear window defrost grid (18C618) (a)	43-C2
Power sliding rear window motor (14A464)		in rear window	
vehicle interior, rear	45-F6	Rear window defrost grid (b)	43-C2
Power sliding rear window switch		in rear window	42-D4
dash panel	28-D7	Rear window defrost relay	
Power vent window motor, left		in Central Junction Box (CJB)	31-A2
in roof panel, LH side, rear	44-A8	Rear window defrost switch (18578)	
Power vent window motor, right		dash panel, LH side	51-E5
in roof panel, RH side, rear	44-A6	Rear wiper motor assembly	
Power vent window switch, left		in liftgate, LH side	43-E4
in roof panel, front	48-E5	Remote solenoid assembly	
Power vent window switch, right		dash panel, behind A/C control	28-A7
roof, front	48-B4	Restraints control module (14B321)	
Power window motor, driver side front (23395)		behind dash panel, center	29-B2
in driver door	40-E4	Reversing lamp, left (13411)	
Power window motor, left rear (23394)		vehicle rear end, LH side	50-D6
in LH rear door	41-A2	Reversing lamp, right (13411)	
Power window motor, passenger side front (23394)		vehicle rear end, RH side	50-D8
in passenger door	40-E4	Reversing lamps relay	
Power window motor, right rear (23394)		in Central Junction Box (CJB)	31-A2
in RH rear door	41-B2	Reversing lamps switch	
Radio (18806)		manual transmission	10-A6
dash panel, center	51-D4	Roof marker lamp, center	
Rail lamp, LH side (13776)		roof, front	49-B4
in roof panel, LH side	44-A6	Roof marker lamp, left center	
Rail lamp, RH side (13776)		roof, front	49-B3
in roof panel, RH side	44-A4	Roof marker lamp, left	
Rear A/C control module		roof, front	49-A3
Vehicle interior, RH side, after C-pillar	39-B7	Roof marker lamp, right center	49-B5
Rear axle speed sensor (4B409)		roof, front	49-B5
on differential	46-E6	Roof marker lamp, right	
Rear Integrated Control Panel (RICP) (19980)		roof, front	49-B6
center console, in rear	29-F6	Roof opening panel module (502D70)	
Rear marker lamp assembly		in roof panel, above rear seats	1-D7
rear of vehicle	50-E7	Roof opening panel motor assembly (15790)	1-B2
		in roof panel, above rear seats	
		Running board lamp, left front	
		Vehicle exterior, LH side	50-D1
		Running board lamp, left rear	
		Vehicle exterior, LH side	50-E1

Components	View 151-*/coordinates
Location	
Running board lamp, right front	
Vehicle exterior, RH side	50-D1
Running board lamp, right rear	
Vehicle exterior, RH side	50-F1
Safety belt buckle switch (10B924)	
Seat belt buckle, driver side	34-C2
Seat adjust switch, driver side front (14A701)	
driver seat, LH side	34-D6
Seat adjust switch, passenger side front	
under passenger seat, RH side	35-E3
Seat back heater, left front	
driver seat	34-C6
Seat back heater, right front	
under passenger seat, LH side	35-B6
Seat cushion heater, left front	
driver seat	34-B5
Seat cushion heater, right front	
under passenger seat, LH side	35-A3
Seat heater switch, driver side	
driver seat, LH side	34-F6
Seat heater switch, passenger side	
under passenger seat, RH side	35-E4
Side lamp, left front (13411)	
front of vehicle, LH side	22-E6
Side lamp, right front (13411)	
front of vehicle, RH side	23-E3
Side lamp 1, LH rear	
Truck bed, left fender, front	50-D2
Side lamp 1, RH rear	
Truck bed, right fender, front	50-B6
Side lamp 2, LH rear	
Truck bed, left fender, rear	50-E3
Side lamp 2, RH rear	
Truck bed, right fender, rear	50-B7
Speaker, left front (18808)	
in driver door	40-E6
Speaker, left middle	
LH C-pillar	41-E7
Speaker, left rear (18808)	
LH C-pillar	38-C6
Speaker, right front (18808)	
in passenger door	40-E6
Speaker, right middle	
in RH rear door	41-D7
Speaker, right rear (18808)	
RH C-pillar	44-A2
Speaker, right rear (18808)	
in RH rear door	41-D7
Speed control servo (9C735)	
engine compartment, RH side	15-D4
Speed sensor assembly (7M101)	
transmission, rear	12-B2
Starter motor (11002)	
engine, bottom, RH side	14-A3
Starter relay	
in Central Junction Box (CJB)	52-E4
Steering wheel/speed control switch (9F924)	
in steering wheel	
Steering wheel radio switch	
in steering wheel	
Sunload sensor (19E663)	
dash panel, top	28-B4
Temperature blend door actuator (19E694)	
under dash panel, RH side	28-D3
Throttle Position Sensor (TPS) (9B989)	
throttle body LH side, 5.4L	4-A4
Throttle Position Sensor (TPS) (9B989)	
throttle body, LH side, 6.8L	6-A5
Throttle Position Sensor (TPS) (9B989)	
engine attached to throttle body	9-A5
TorqShift transmission	
vehicle underbody	12-D7
Tow/Haul switch	
on dash panel, LH side	
Trailer electronic brake control connector	
behind dash panel, center	28-E7

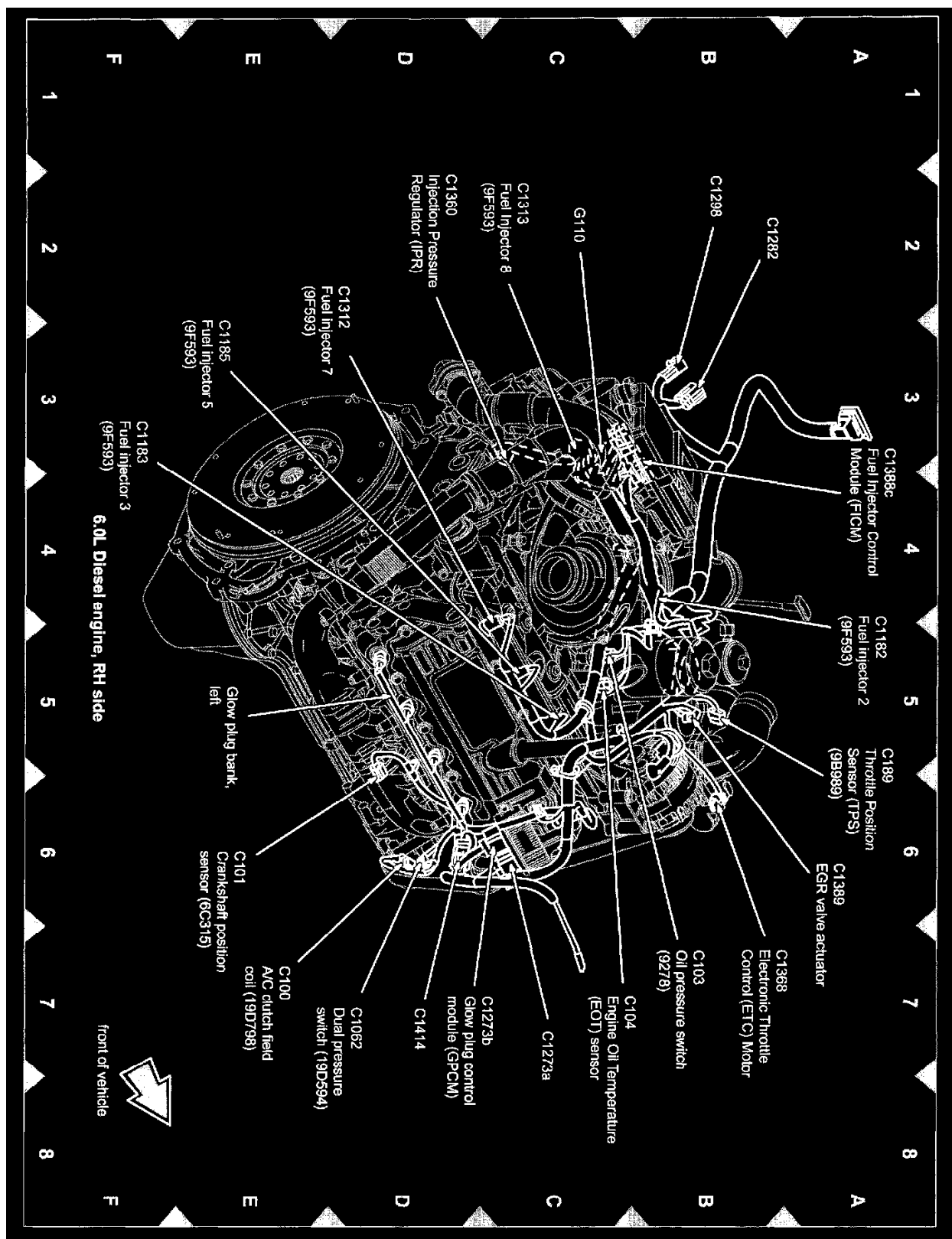
Components	
Location	View 151-*/coordinates
Trailer tow connector, 4-pin vehicle rear end	50-F6
Trailer tow connector, 7-pin vehicle rear end	50-F6
Trailer tow relay, battery charge in Central Junction Box (CJB)	31-A2
Trailer tow relay, left turn engine compartment, rear, in auxiliary box 5 - 6.0L	20-A3
Trailer tow relay, left turn engine compartment, rear, in auxiliary relay box 4 - gasoline	16-A5
Trailer tow relay, parking lamp in Central Junction Box (CJB), (not serviceable)	31-A2
Trailer tow relay, reversing lamp in Central Junction Box (CJB), (not serviceable)	31-A2
Trailer tow relay, right turn engine compartment, rear, in auxiliary relay box 5 - 6.0L	20-A3
Trailer tow relay, right turn engine compartment, rear, in auxiliary relay box 4 - gasoline	16-A5
Transfer case assembly on transfer case - gasoline	10-E7
Transfer case assembly on transfer case - TorqShift - 6.0L	12-B4
Transfer case high to low relay engine compartment, rear, in auxiliary relay box 3 - gasoline	19-A4
Transfer case high to low relay engine compartment, rear, in auxiliary relay box 3 - 6.0L	20-A4
Trip Computer Module (10D898) roof, front	48-D2
Turbine Shaft Speed (TSS) sensor (7M101) transmission, top	11-A3
Vacuum pump motor engine compartment, RH side	15-D3
Vanity mirror lamp, left (04100) roof, LH side	45-B4
Vanity mirror lamp, right (04100) roof, RH side	45-B3
Vapor management valve engine compartment, rear	17-E4
Variable geometric turbo actuator engine, top	8-A5
Vehicle Security Module (VSM) (15K602) under dash panel, LH side	52-D7
Water-in-fuel sensor vehicle underbody, LH side, near transmission - 6.0L	13-E7
Wheel speed sensor, left front (2C205) engine compartment, LH side	19-F3
Wheel speed sensor, right front (2C204) engine compartment, RH side	15-D7
Window adjust switch, left rear (14A412) in LH rear door, top	41-A7
Window adjust switch, passenger side in passenger door, top of door trim	40-B4
Window adjust switch, right rear (14A412) in RH rear door, top	41-A7
Windshield washer pump motor (17G18) engine compartment, RH side	23-B5
Windshield wiper motor (17D539) engine compartment, rear	17-B5



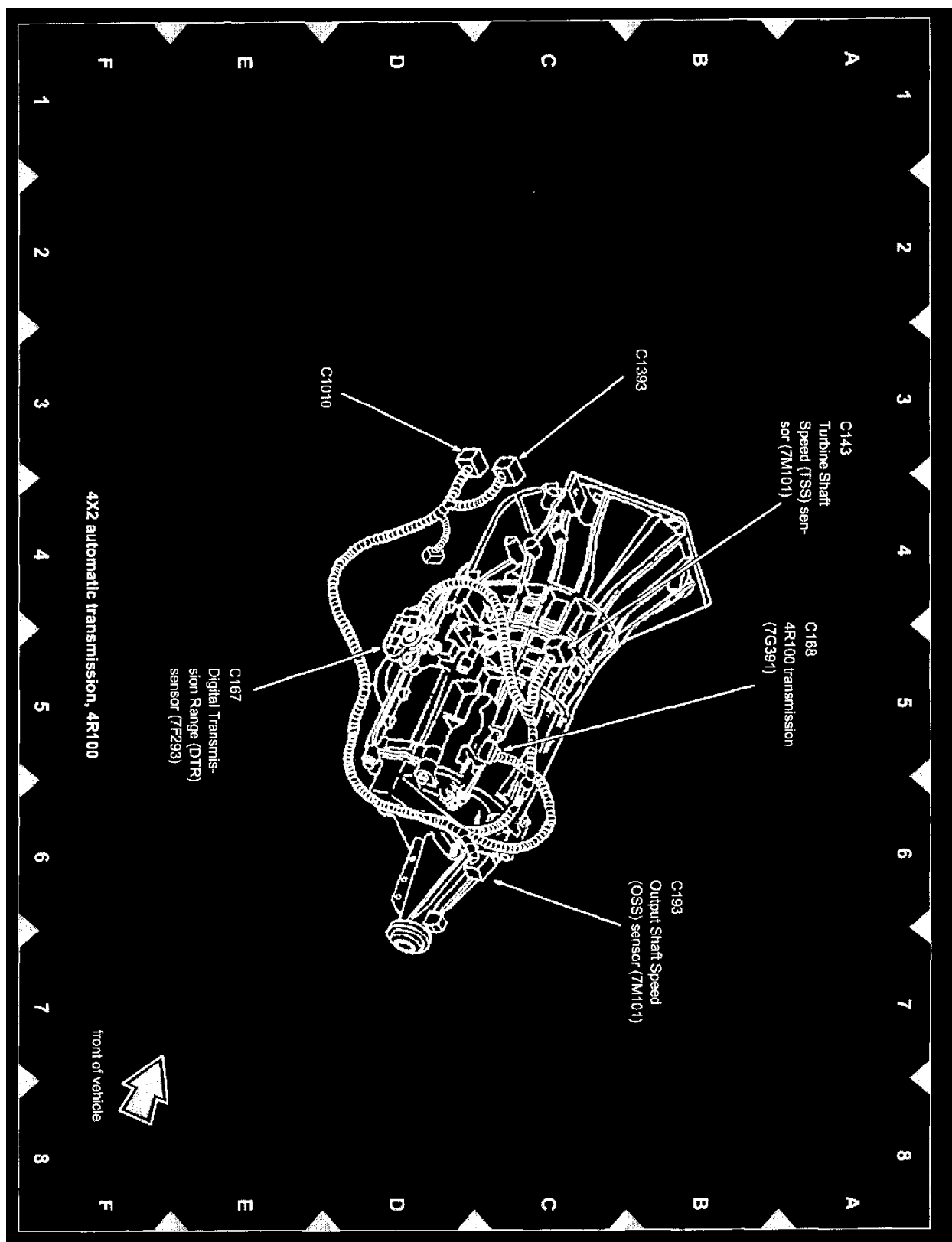
View 151-1



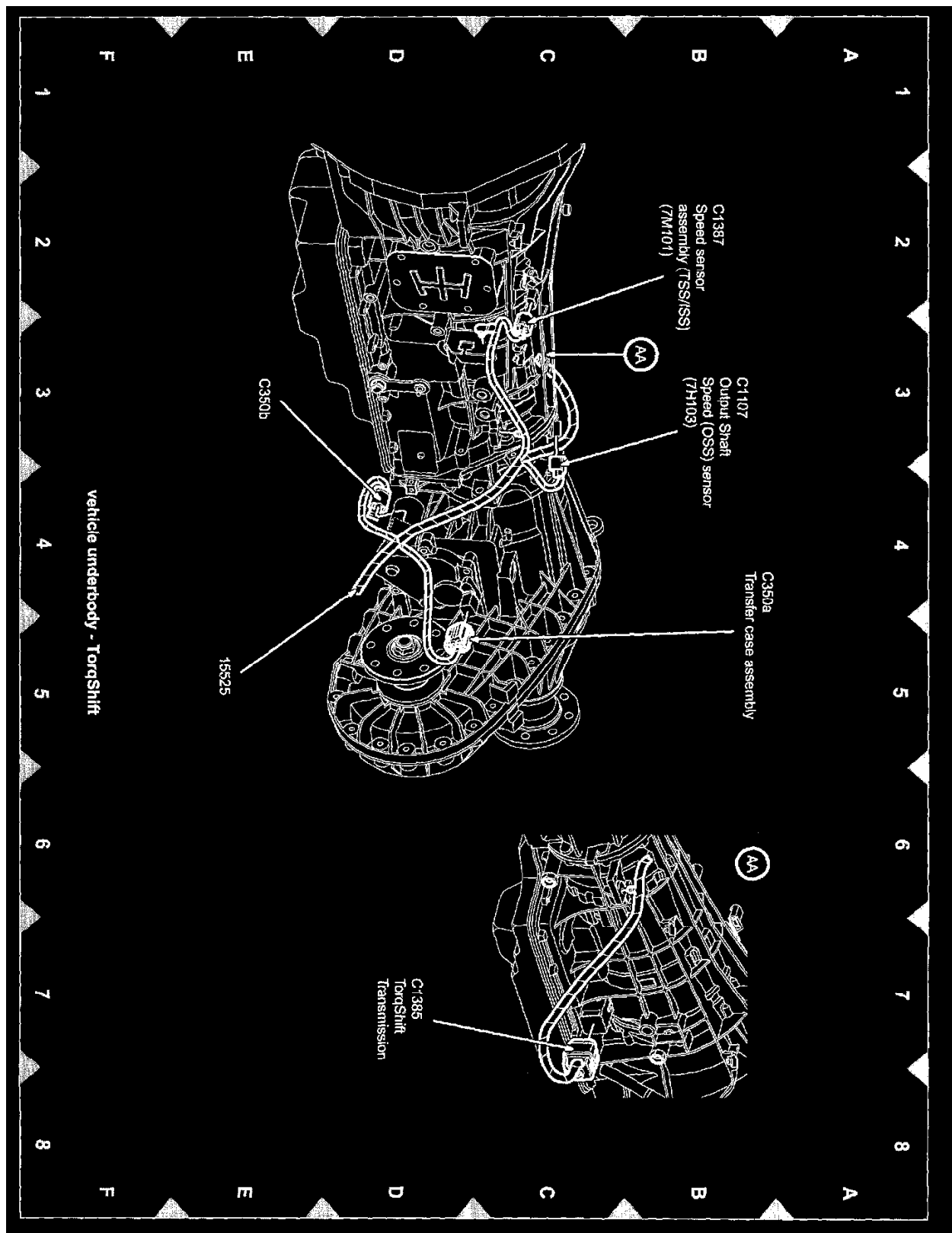
View 151-8



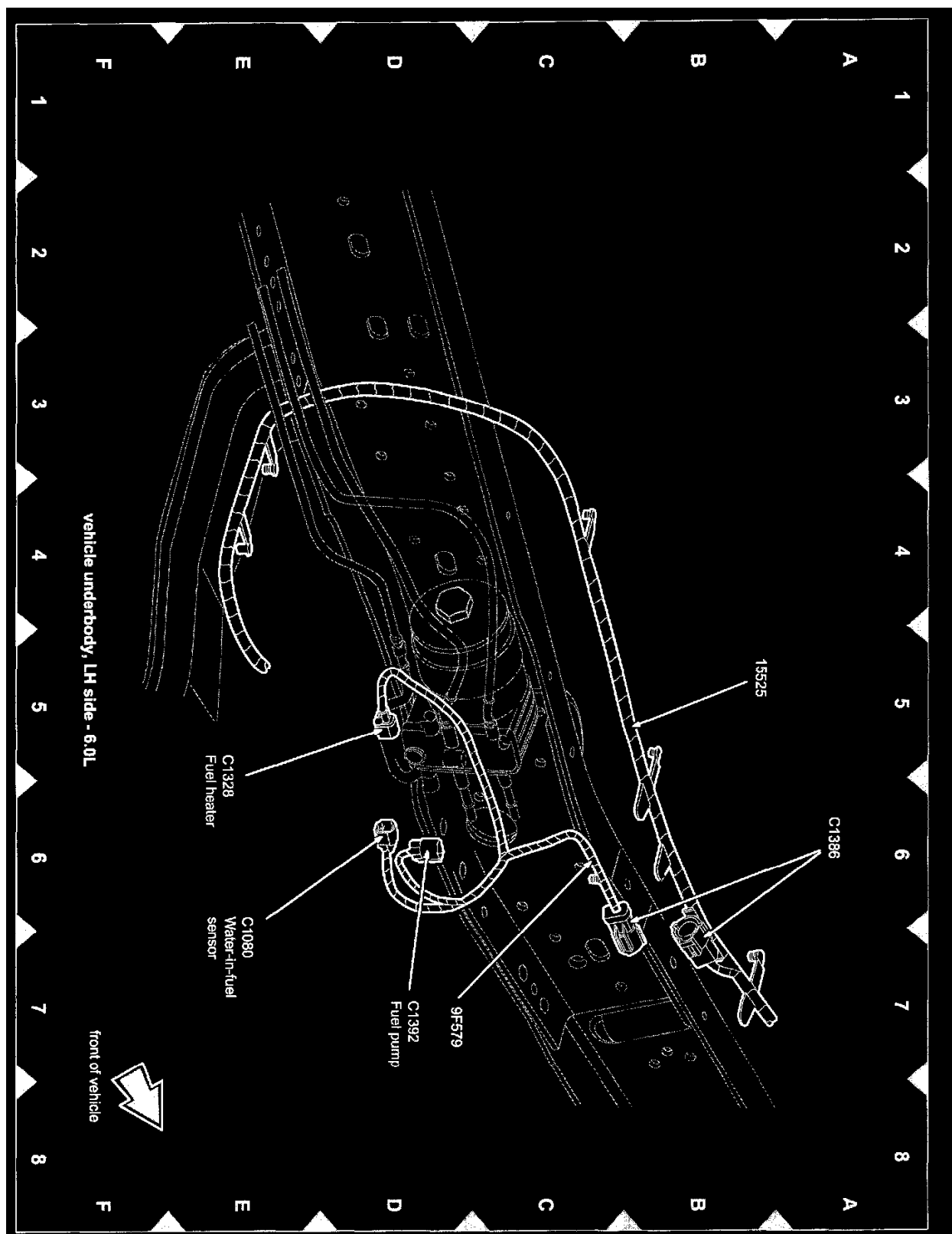
View 151-9



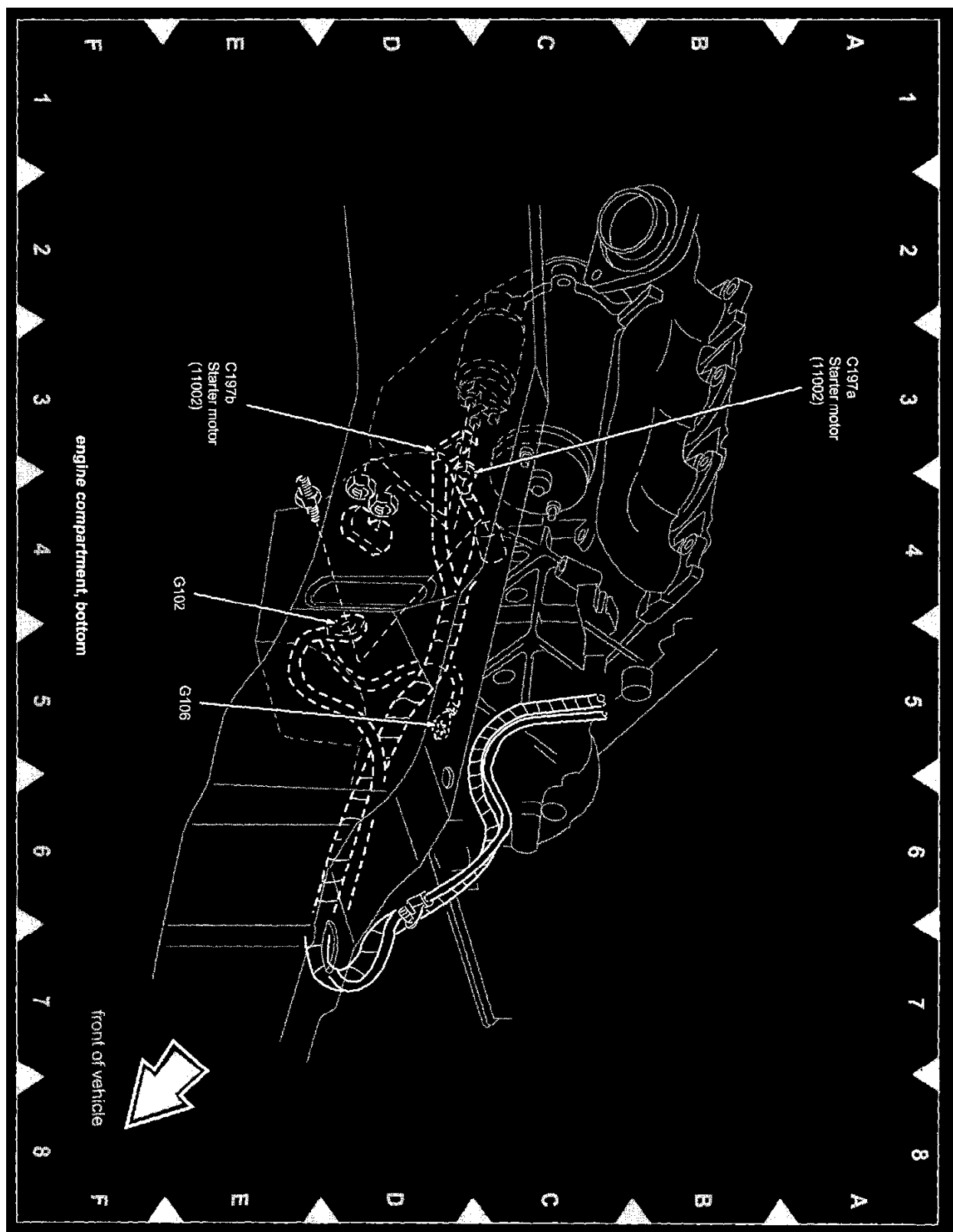
View 151-11



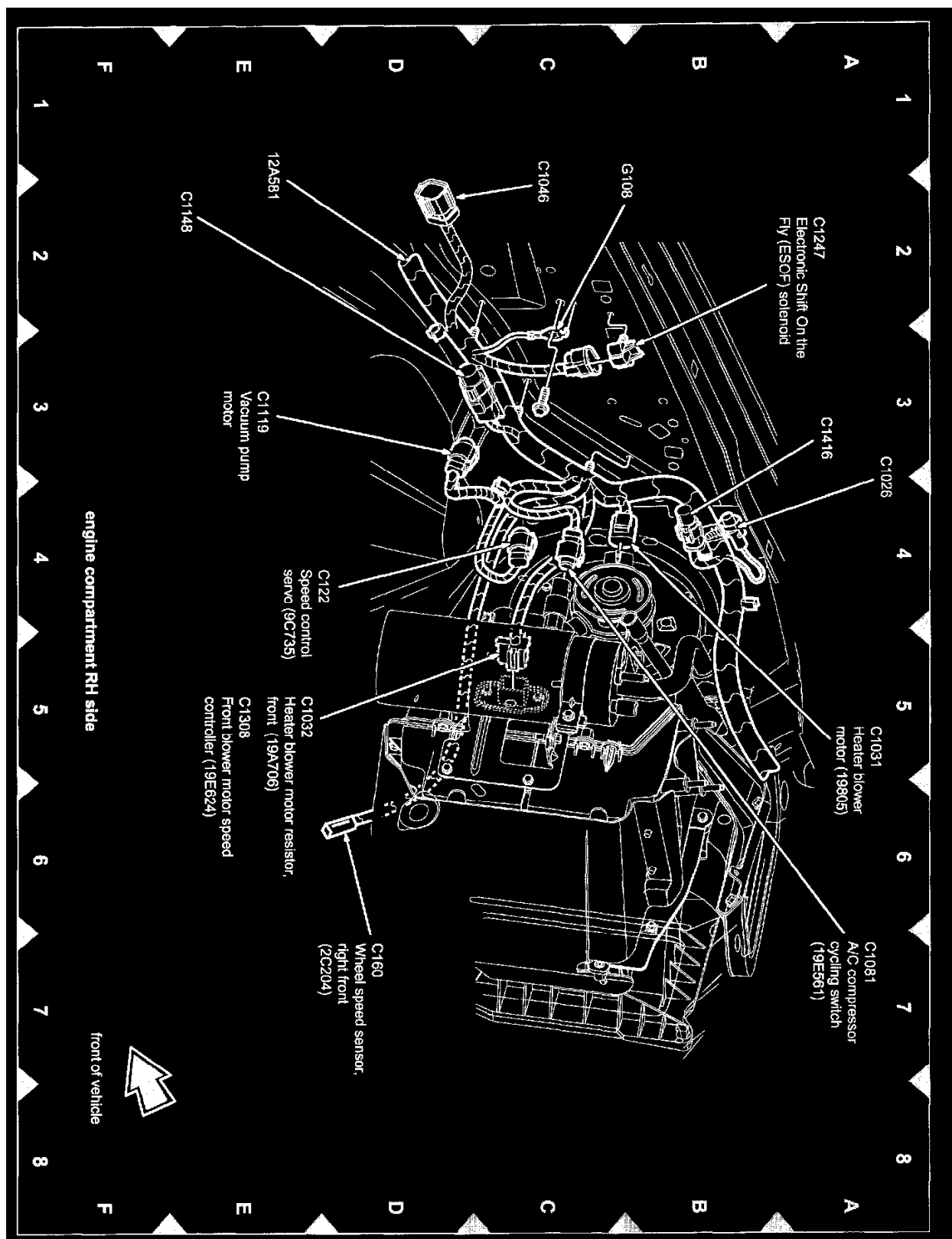
View 151-12



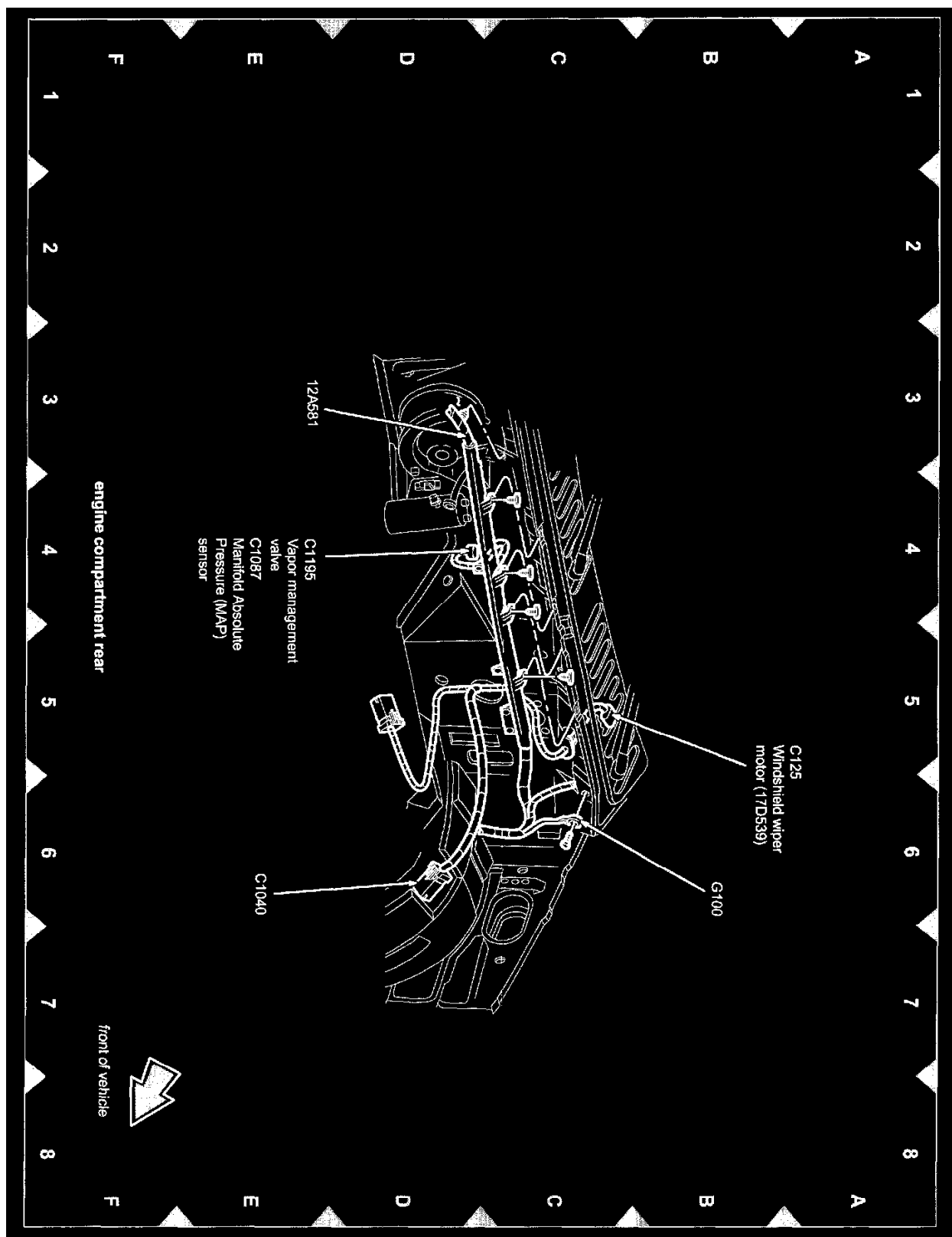
View 151-13



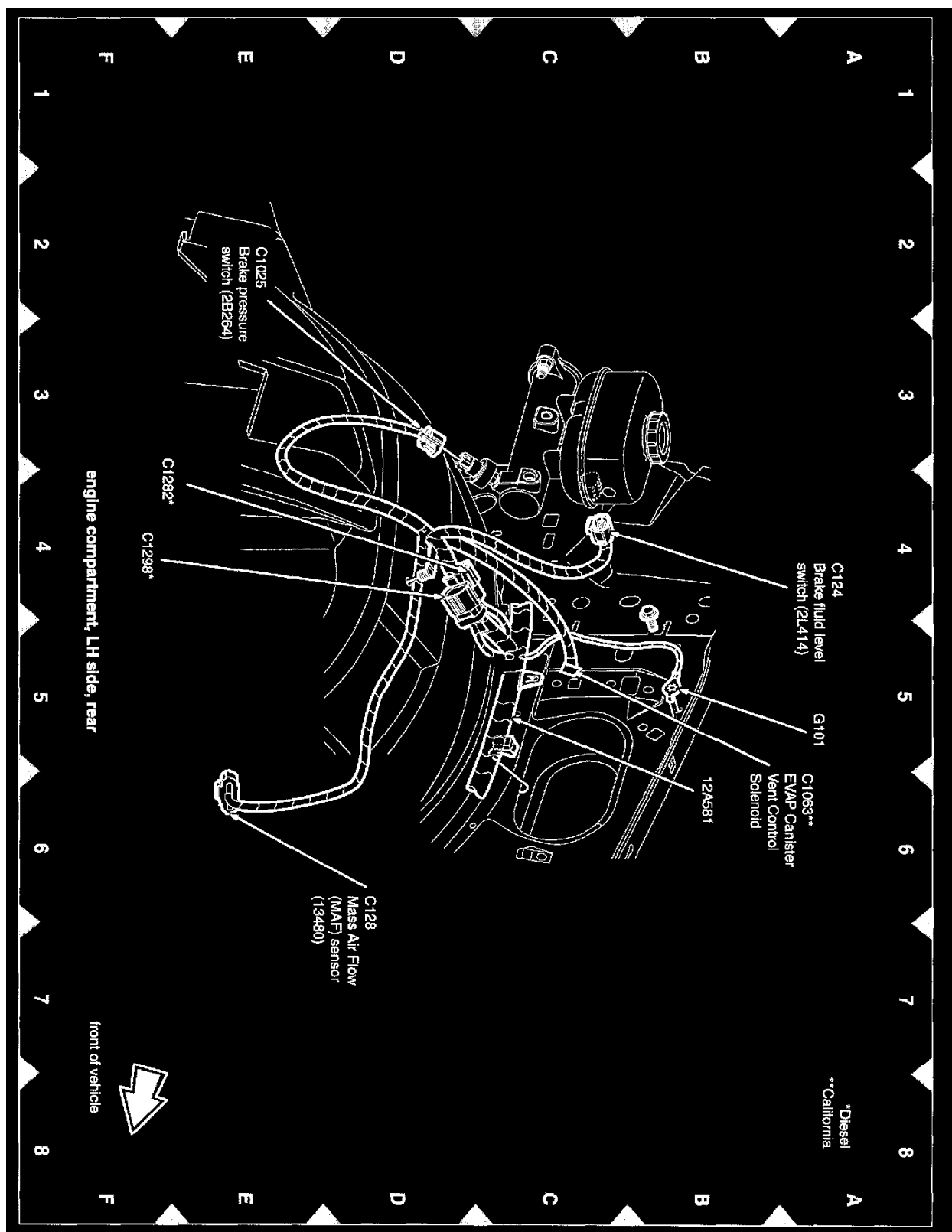
View 151-14



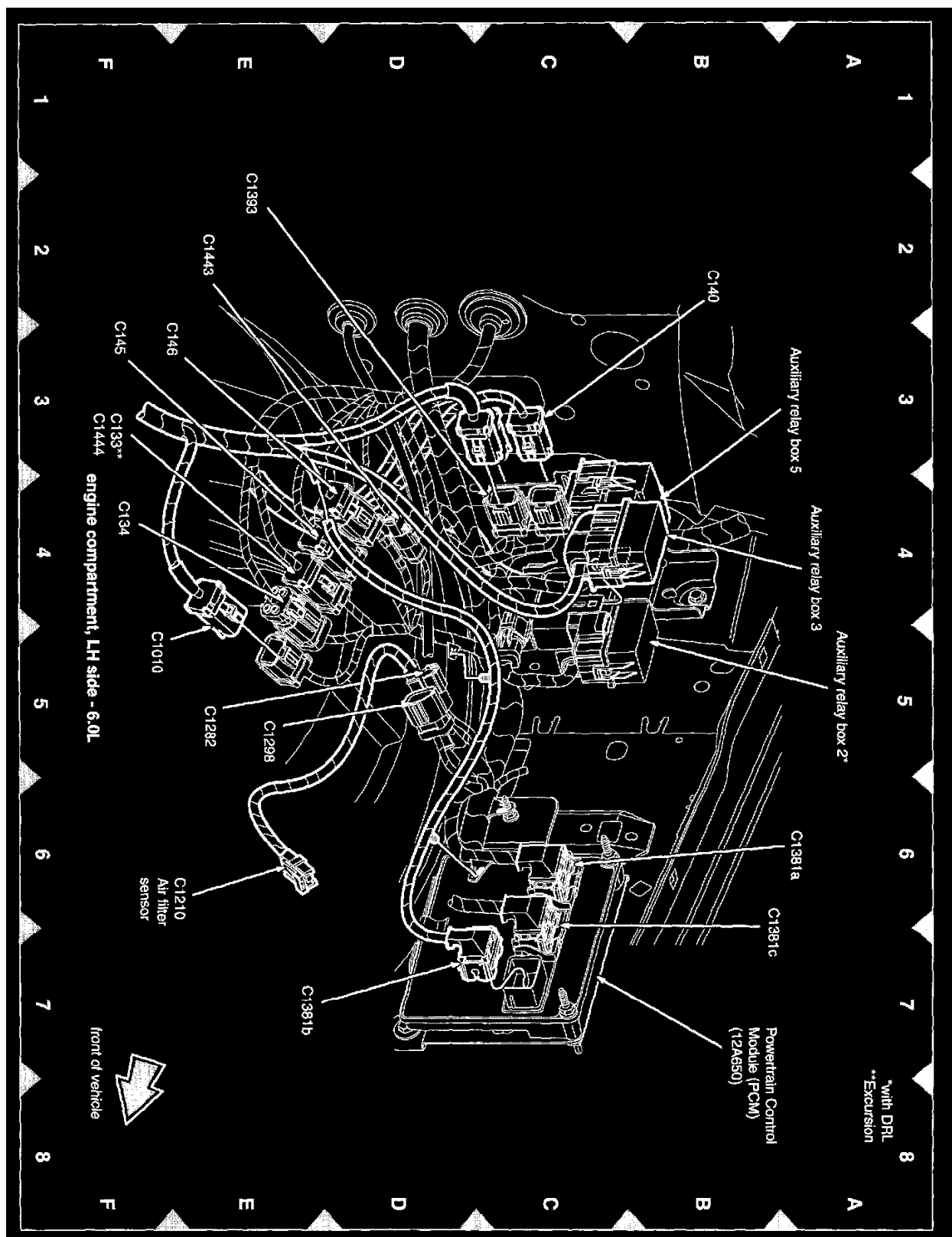
View 151-15



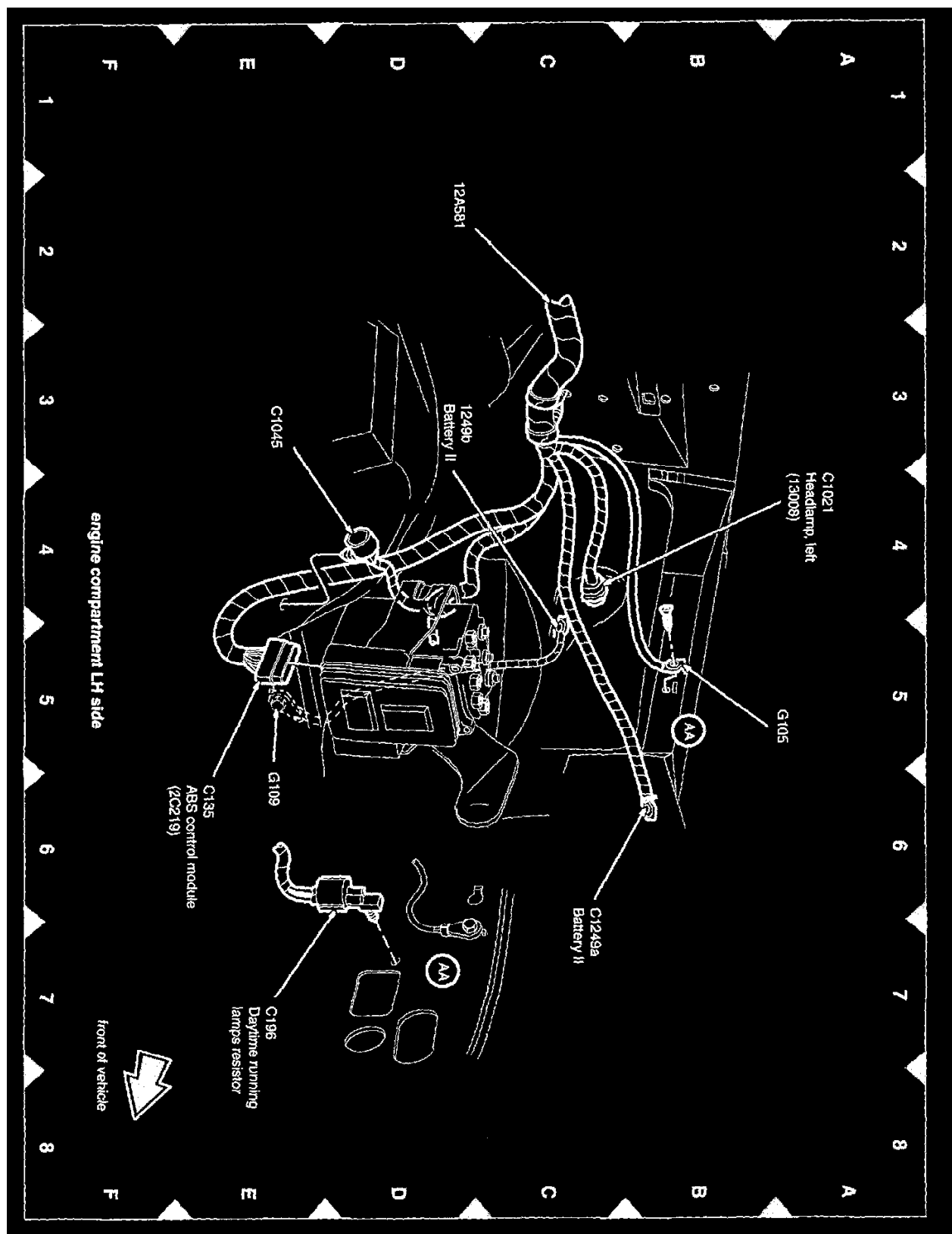
View 151-17



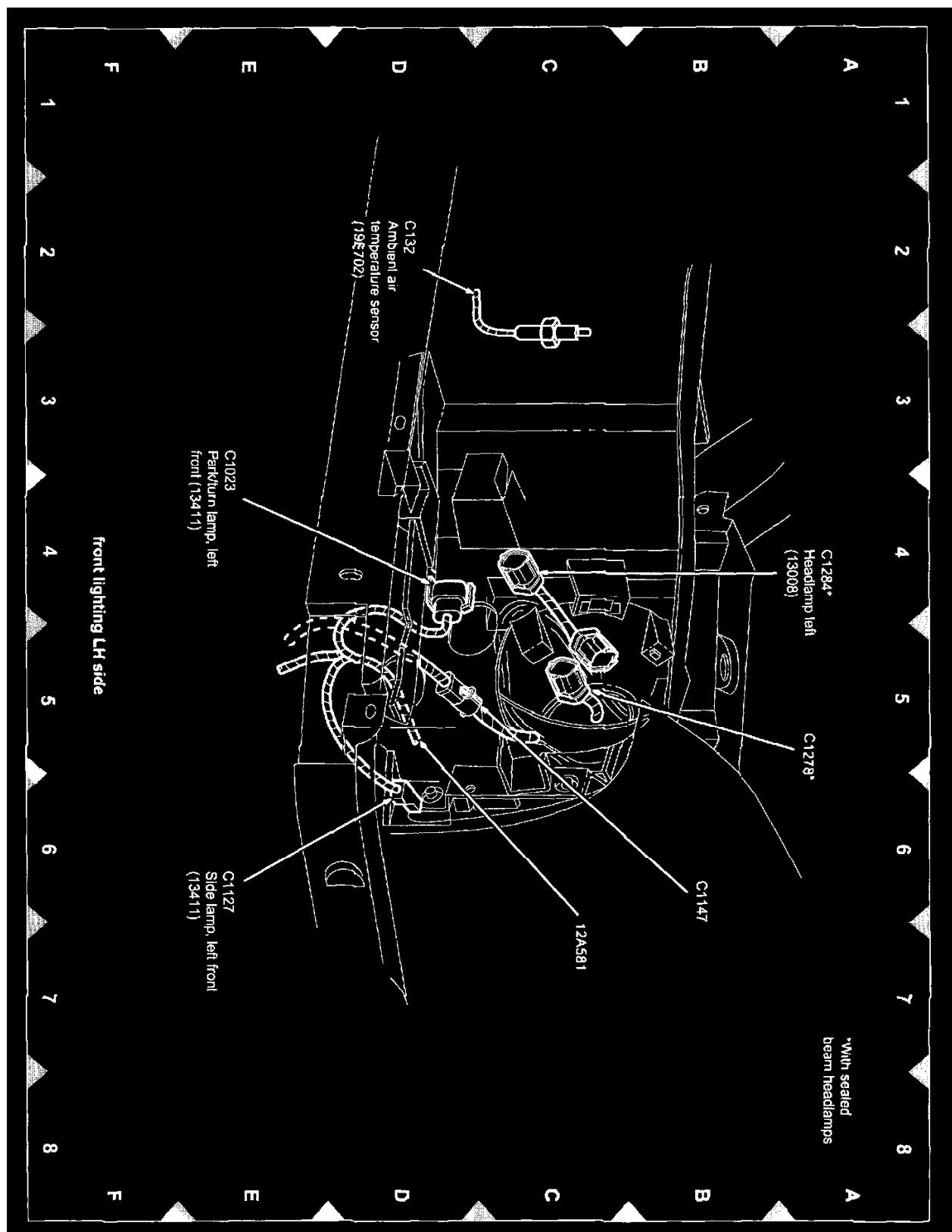
View 151-18



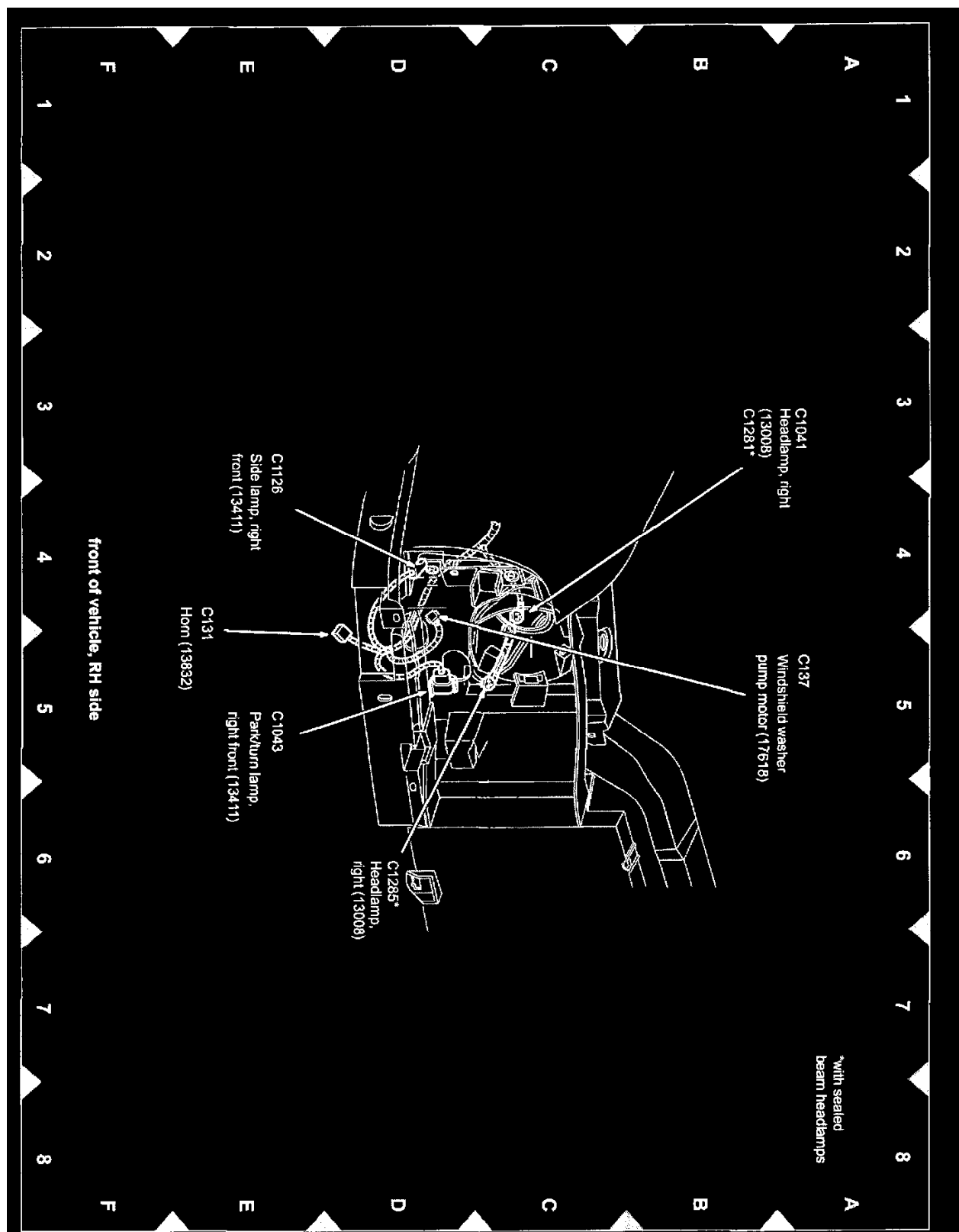
View 151-20



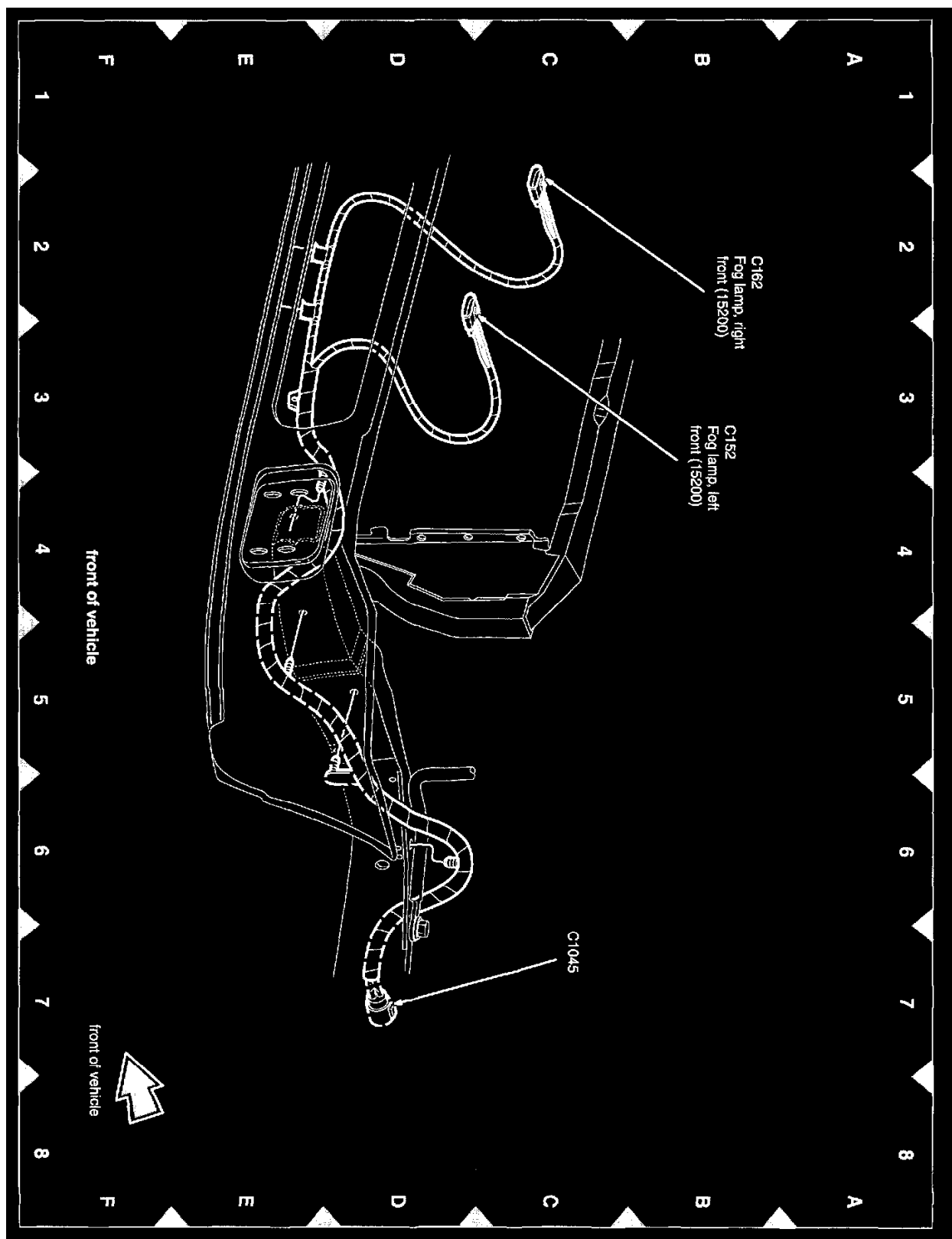
View 151-21



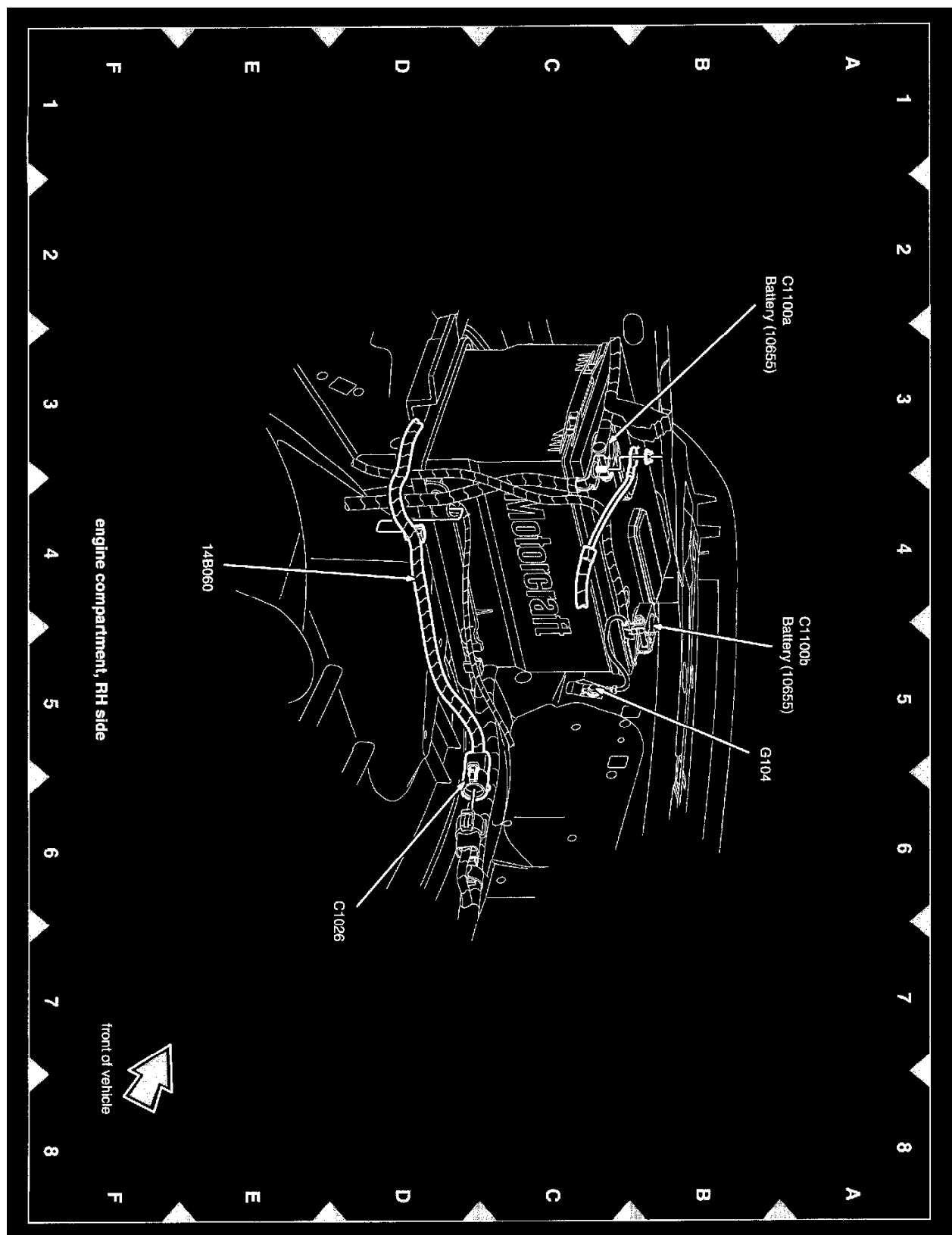
View 151-22



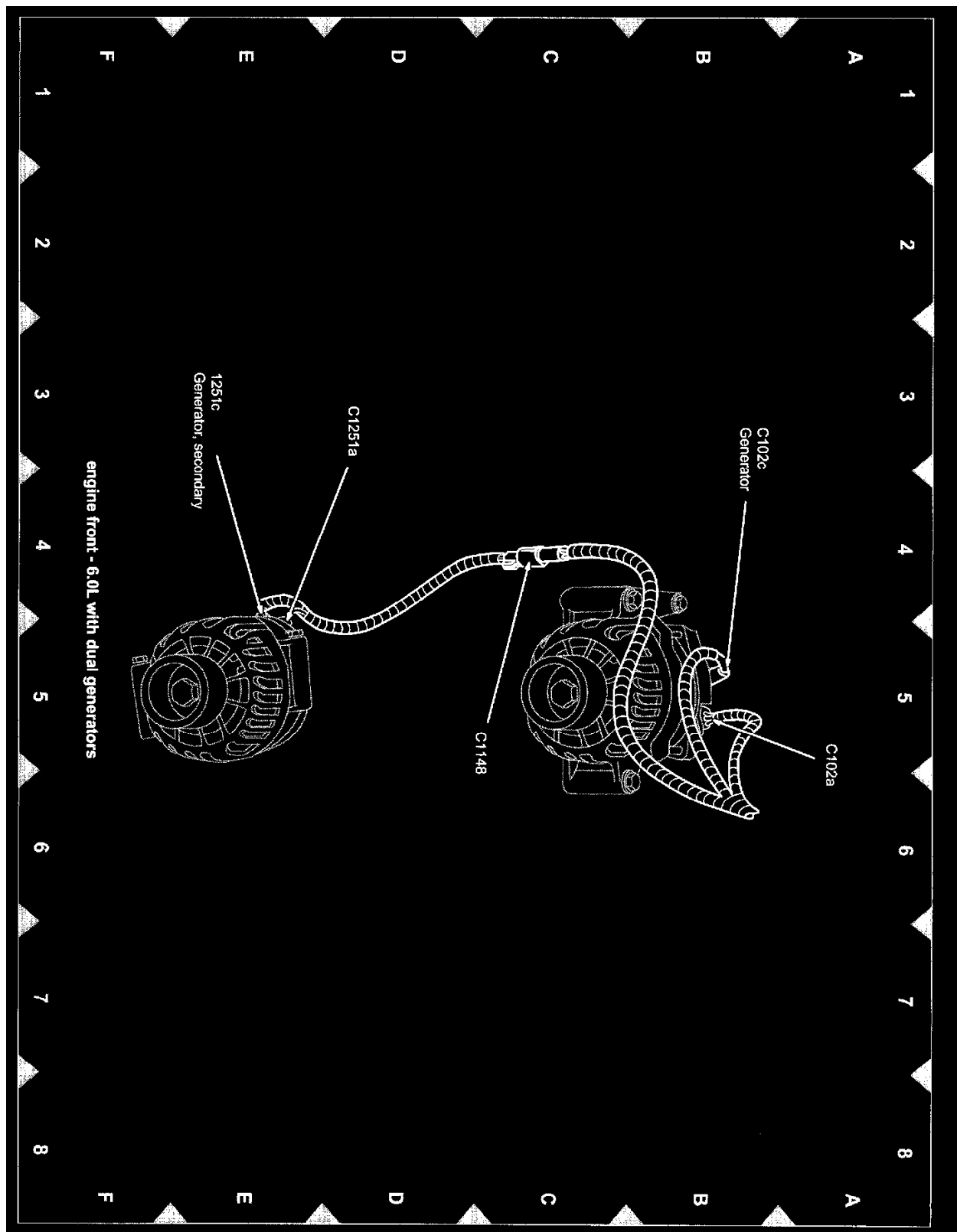
View 151-23



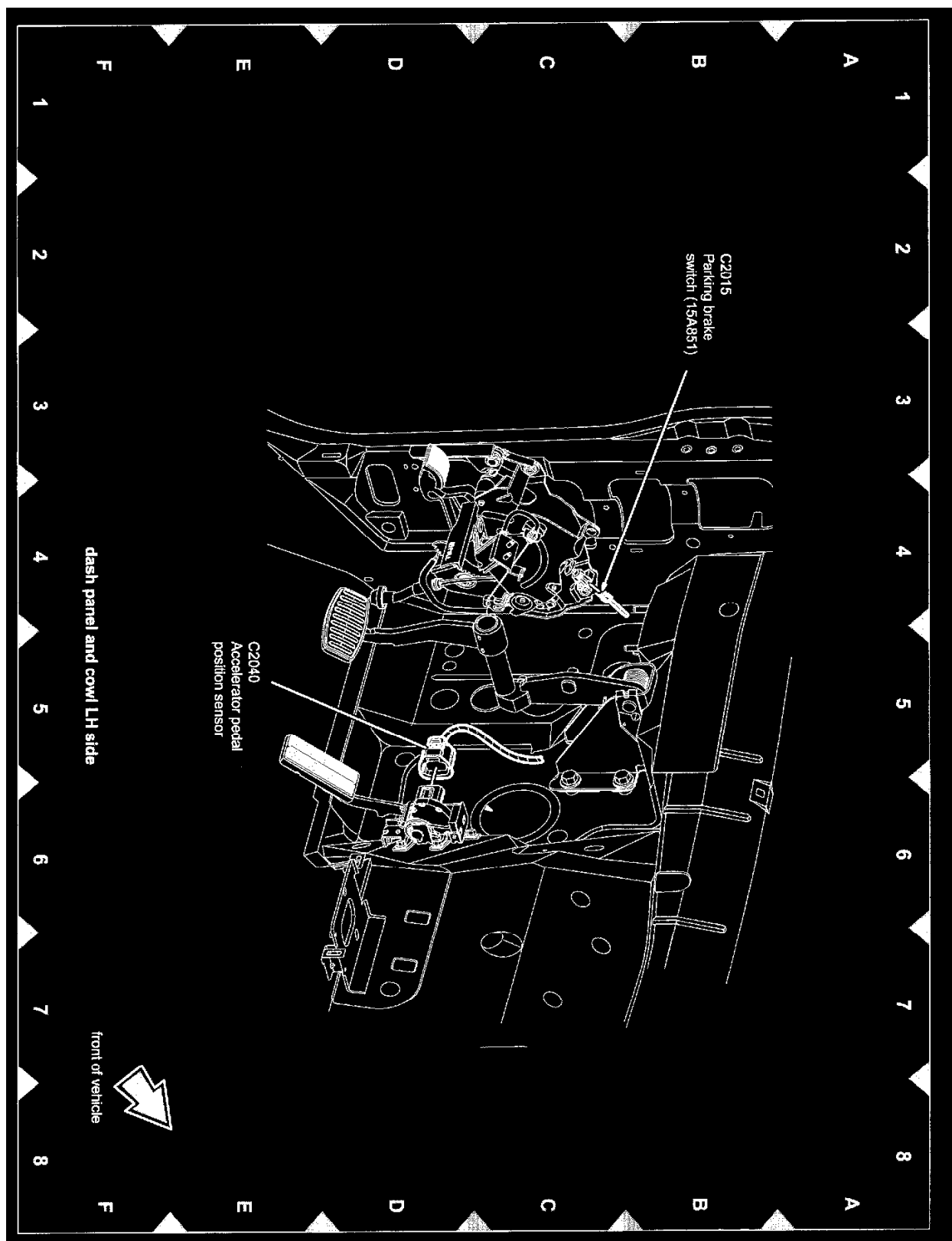
View 151-24



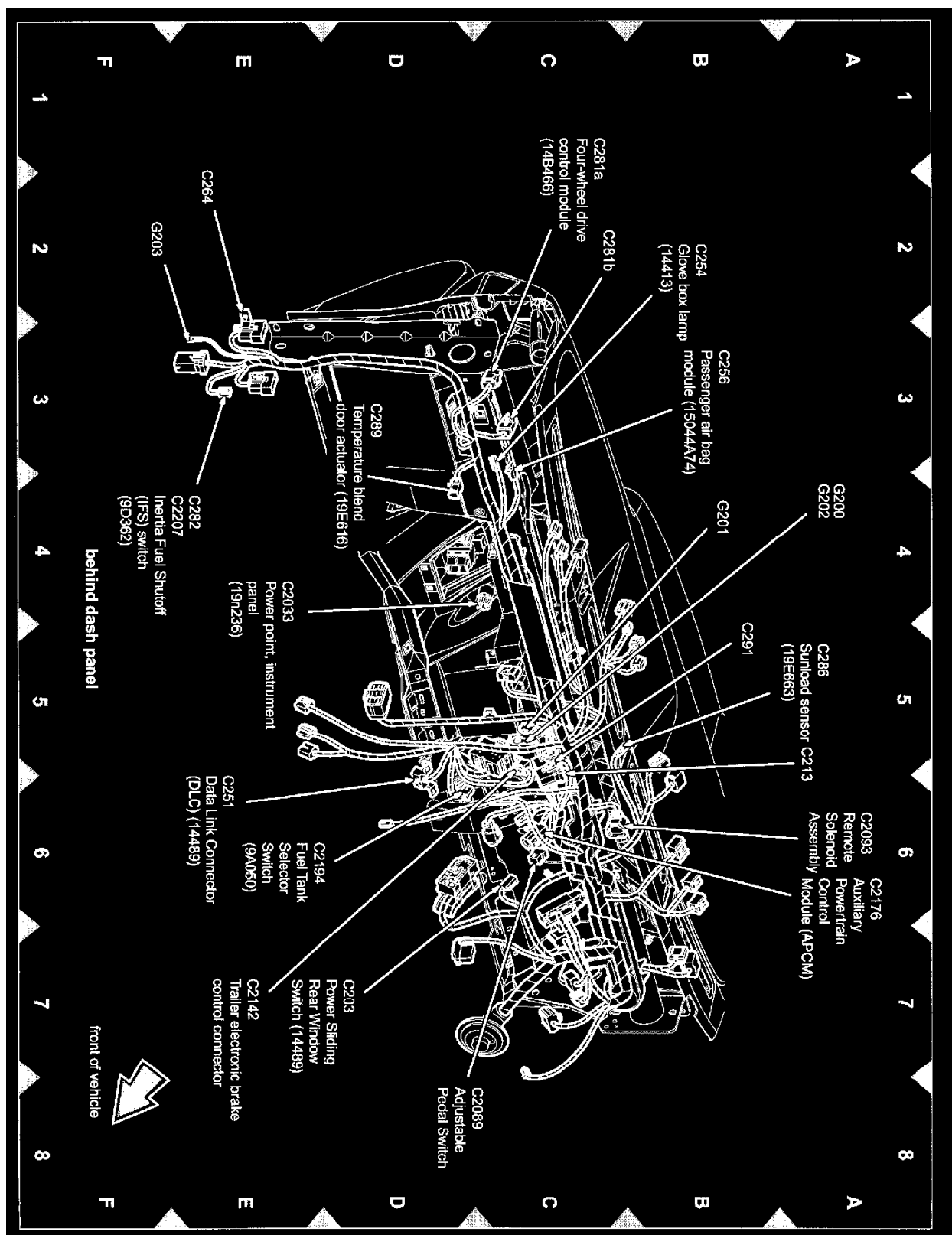
View 151-25



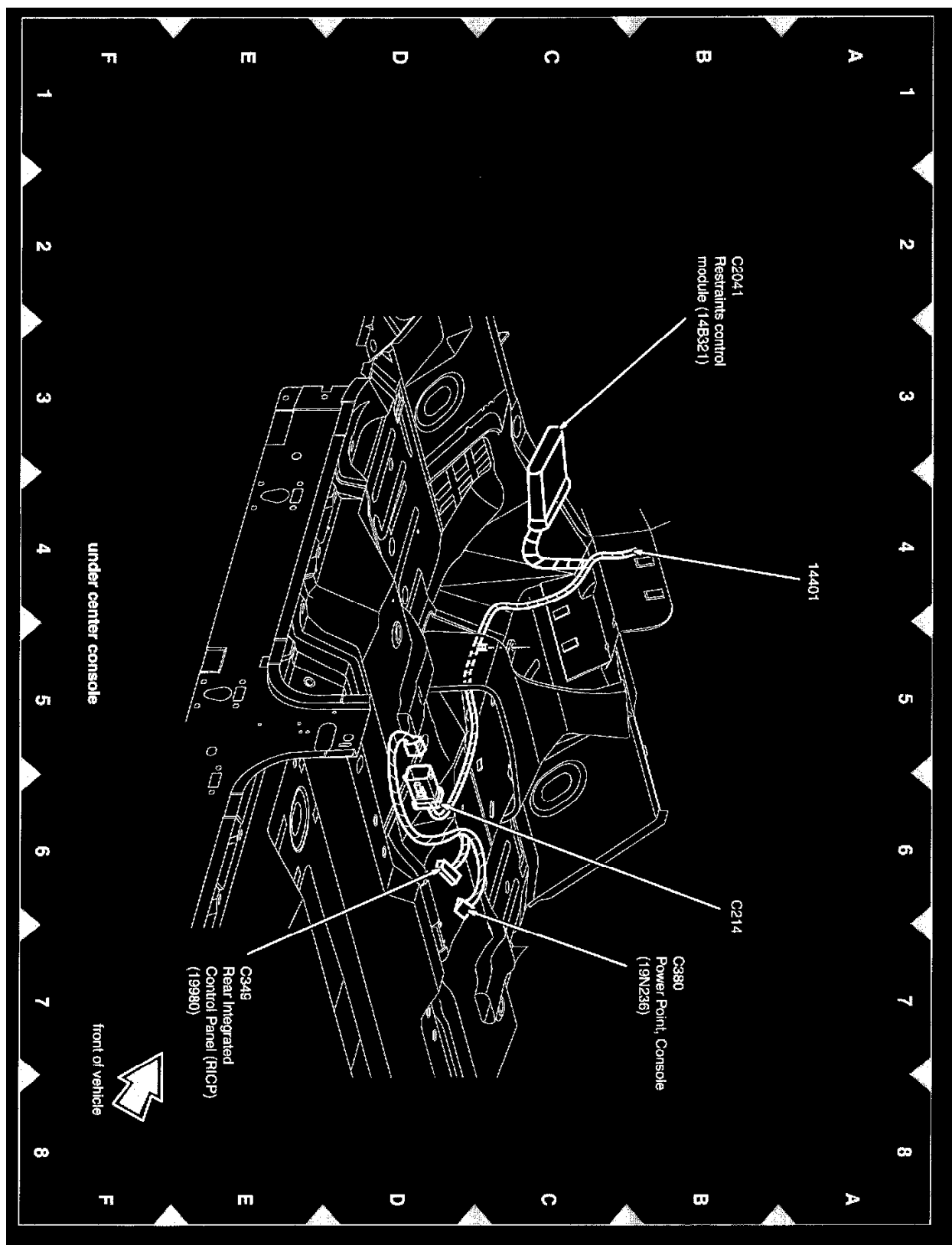
View 151-26



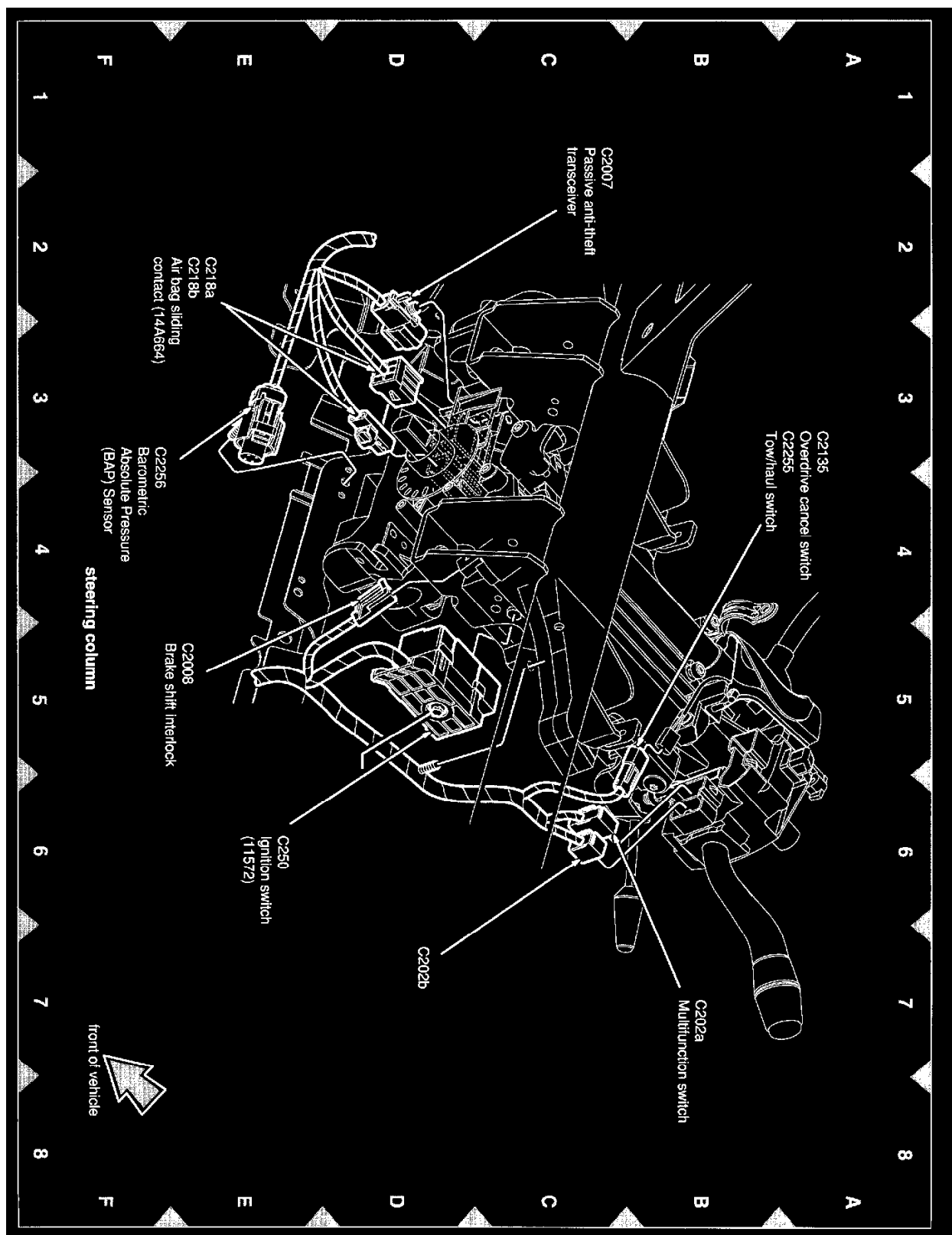
View 151-27



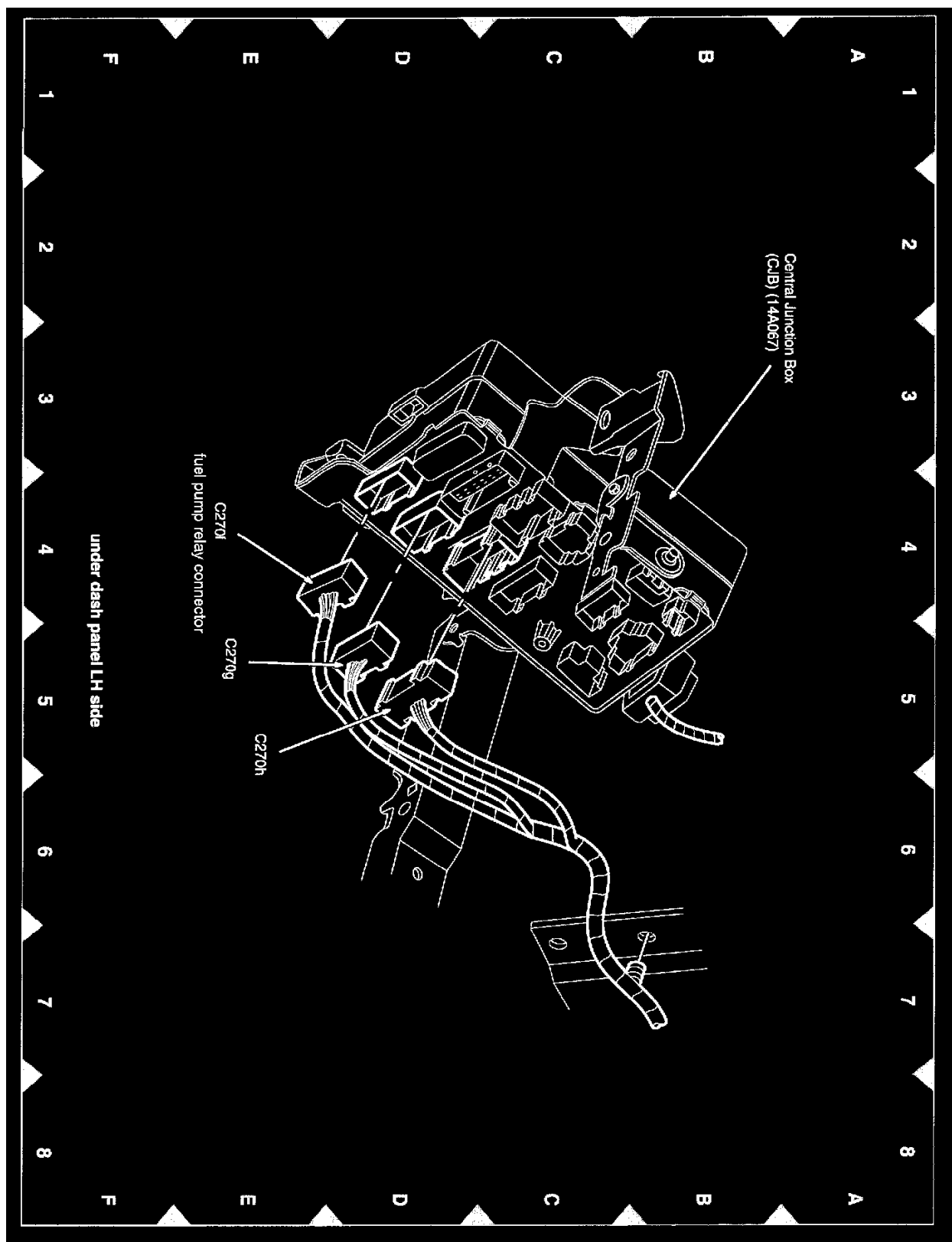
View 151-28



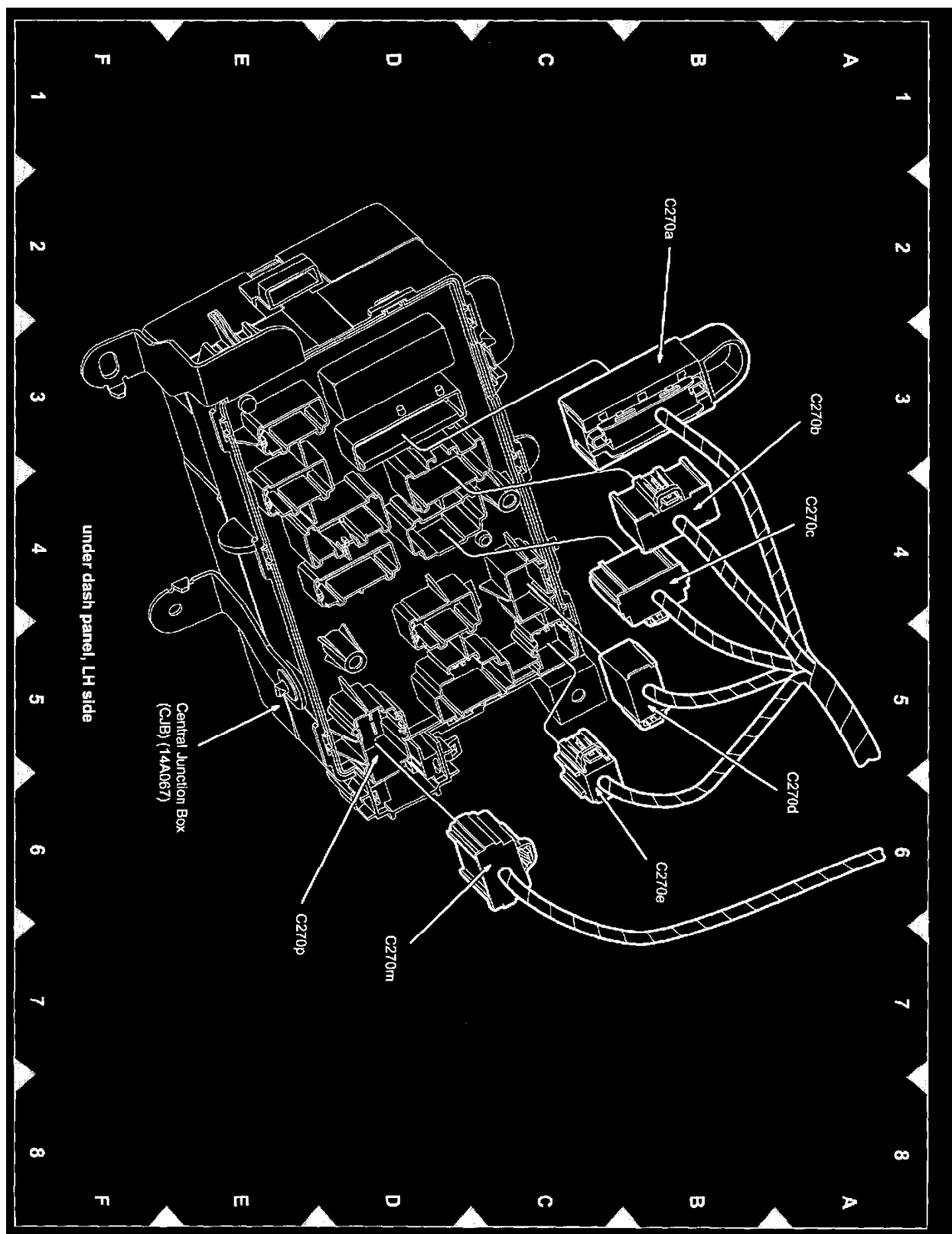
View 151-29



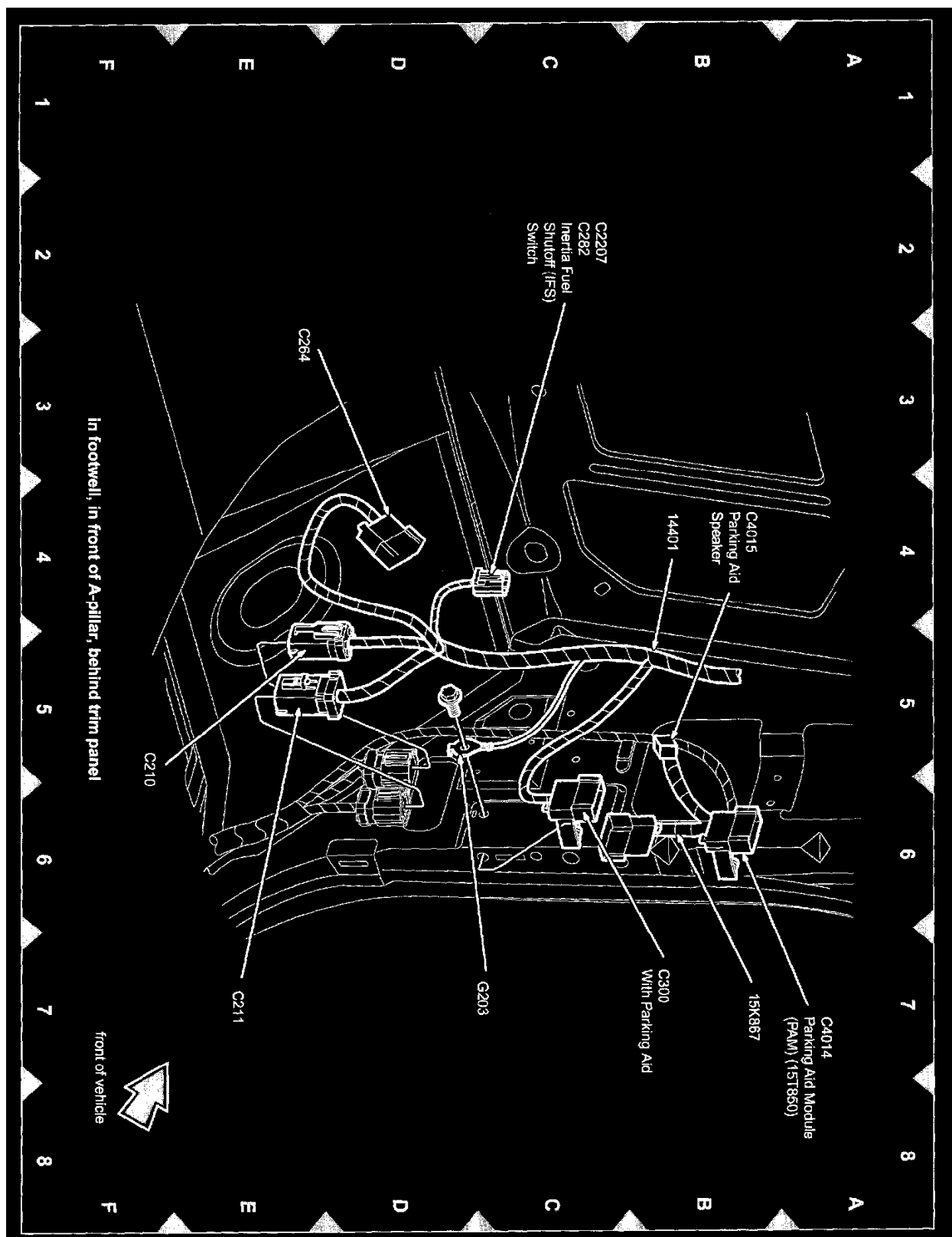
View 151-30



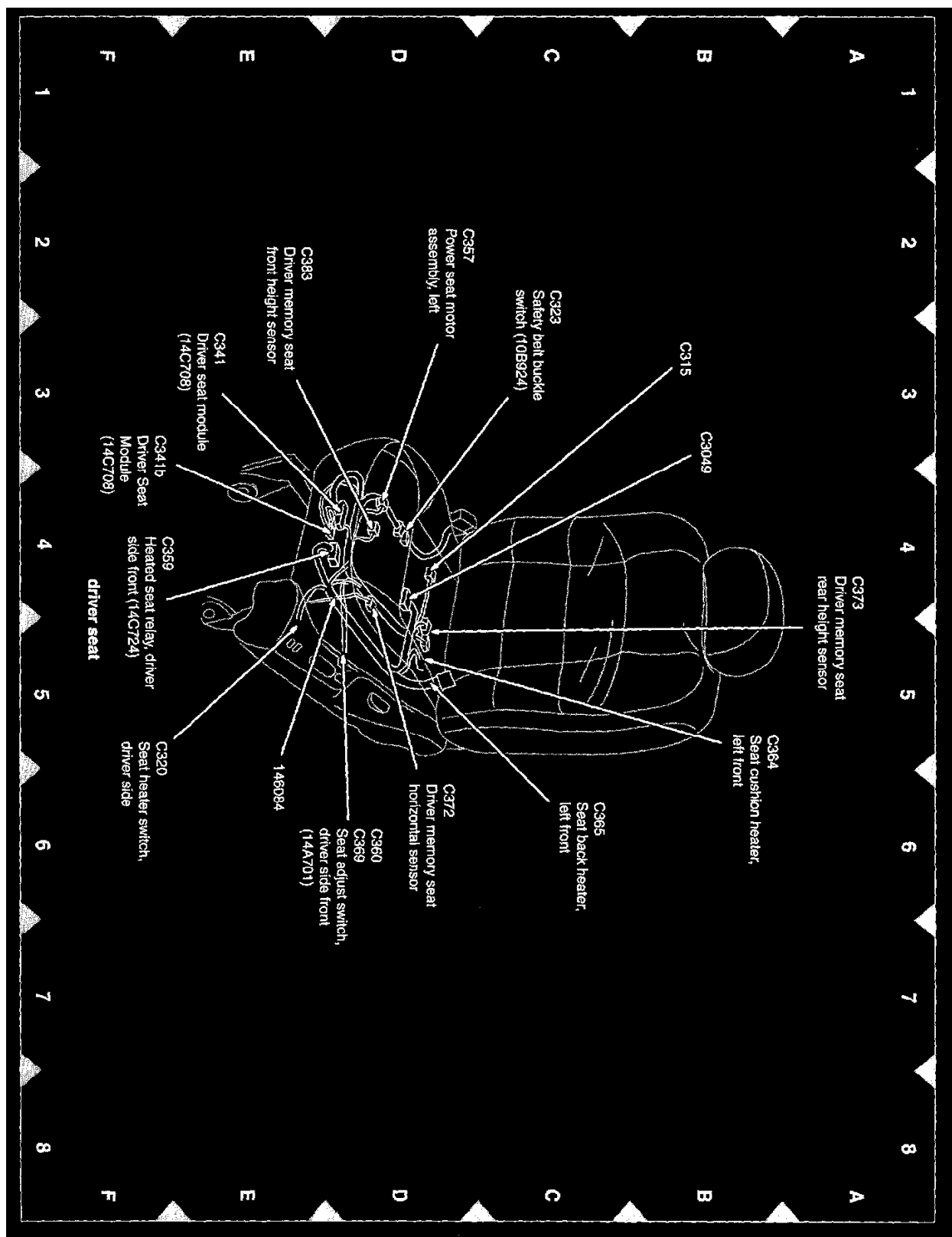
View 151-31



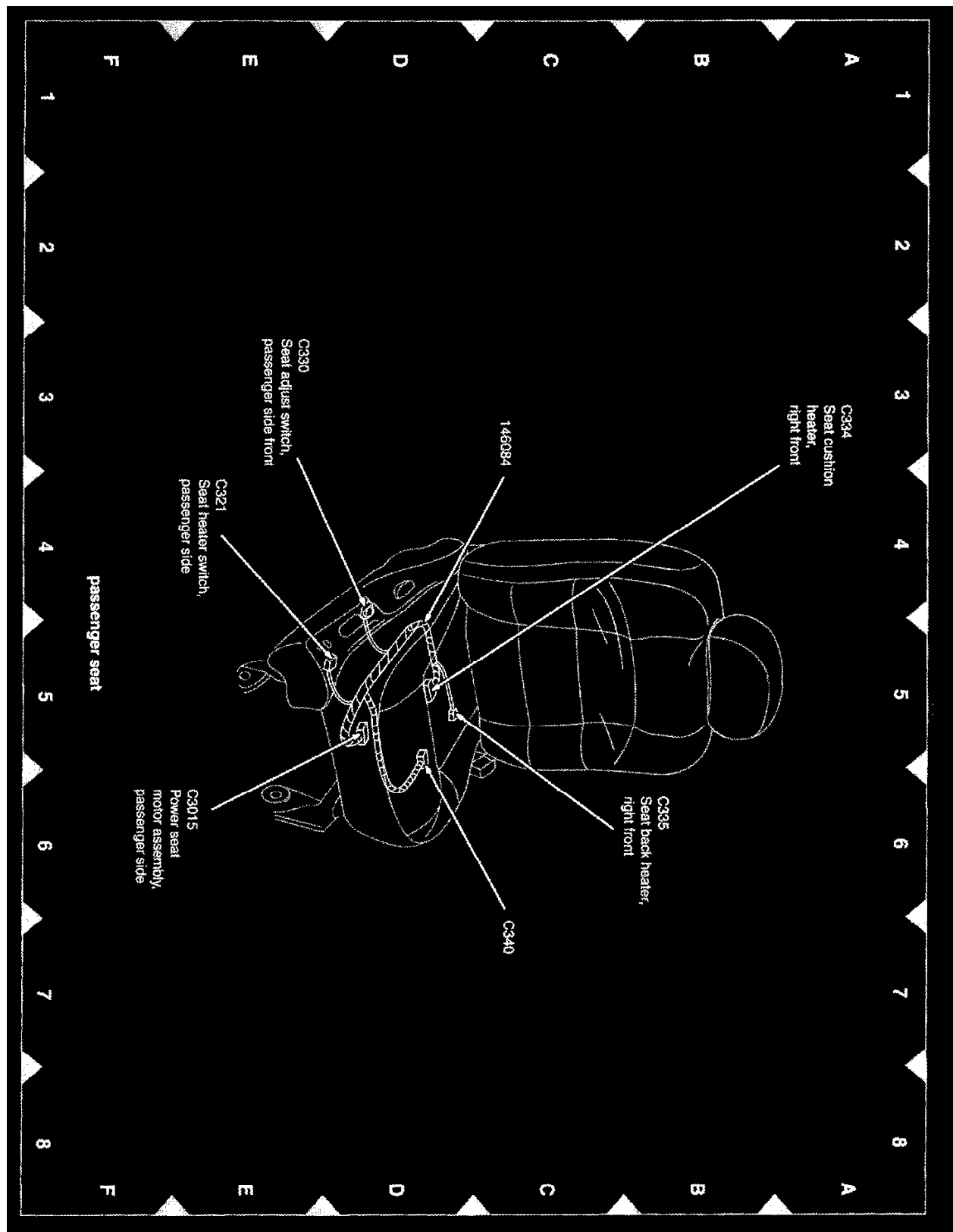
View 151-32



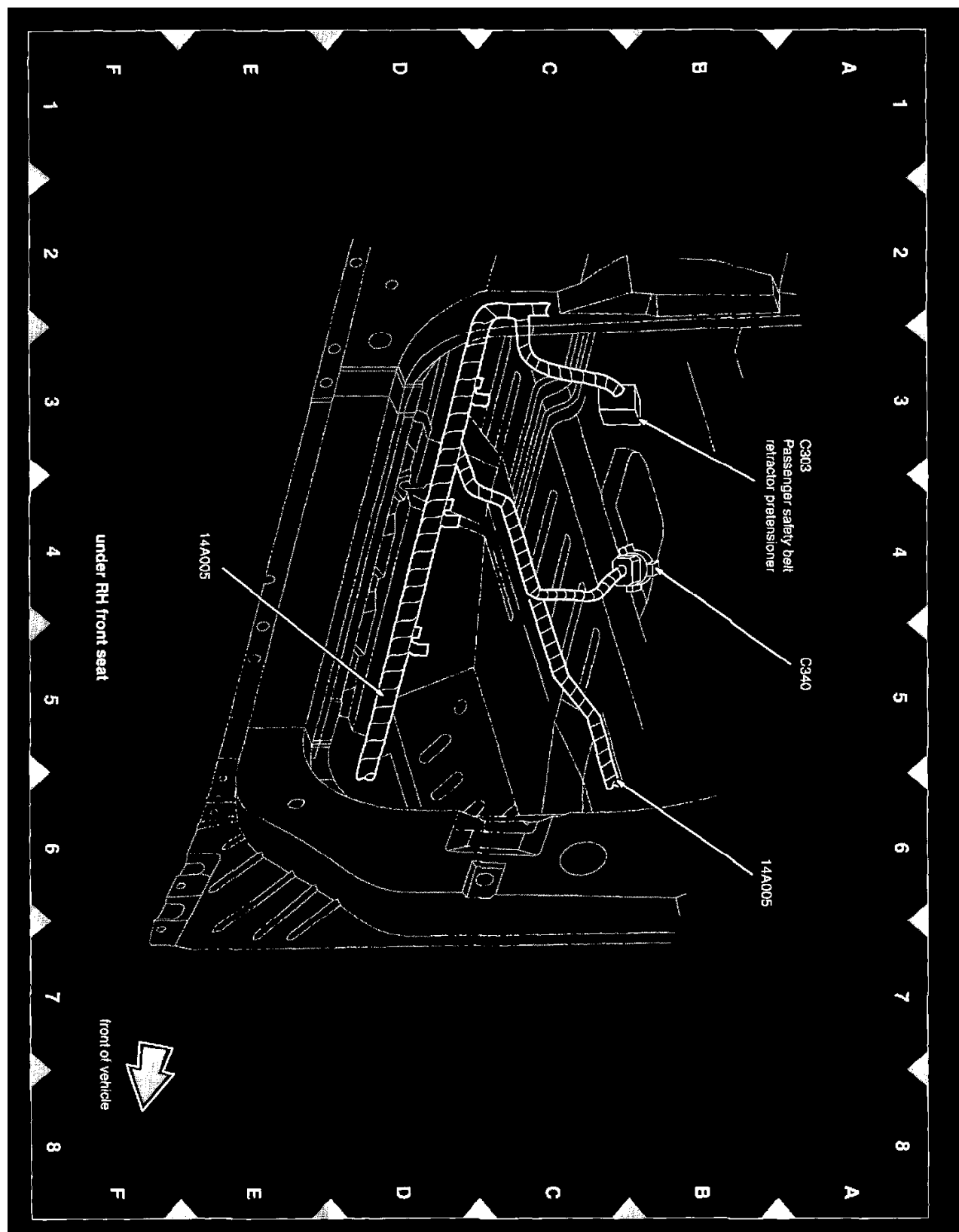
View 151-33



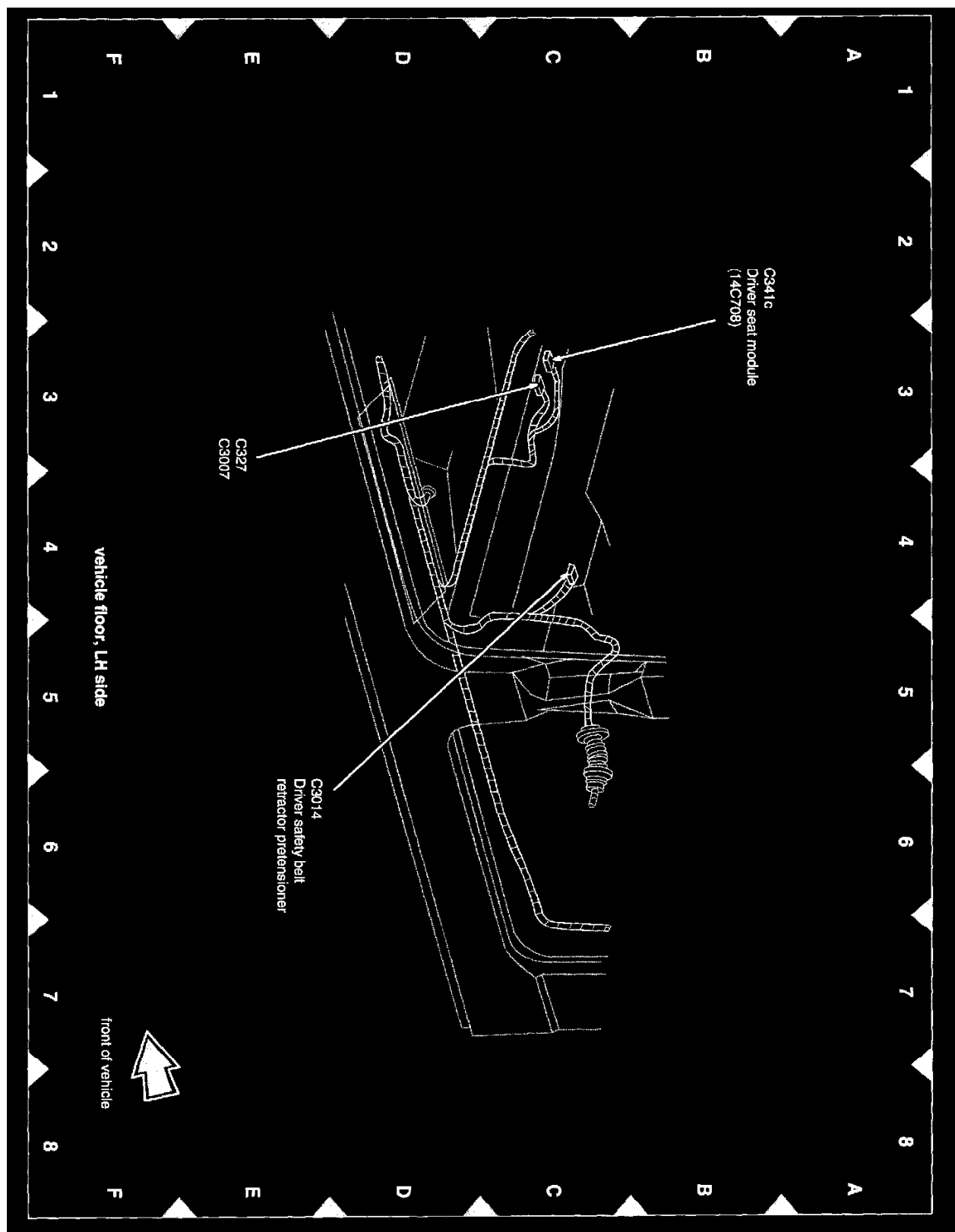
View 151-34



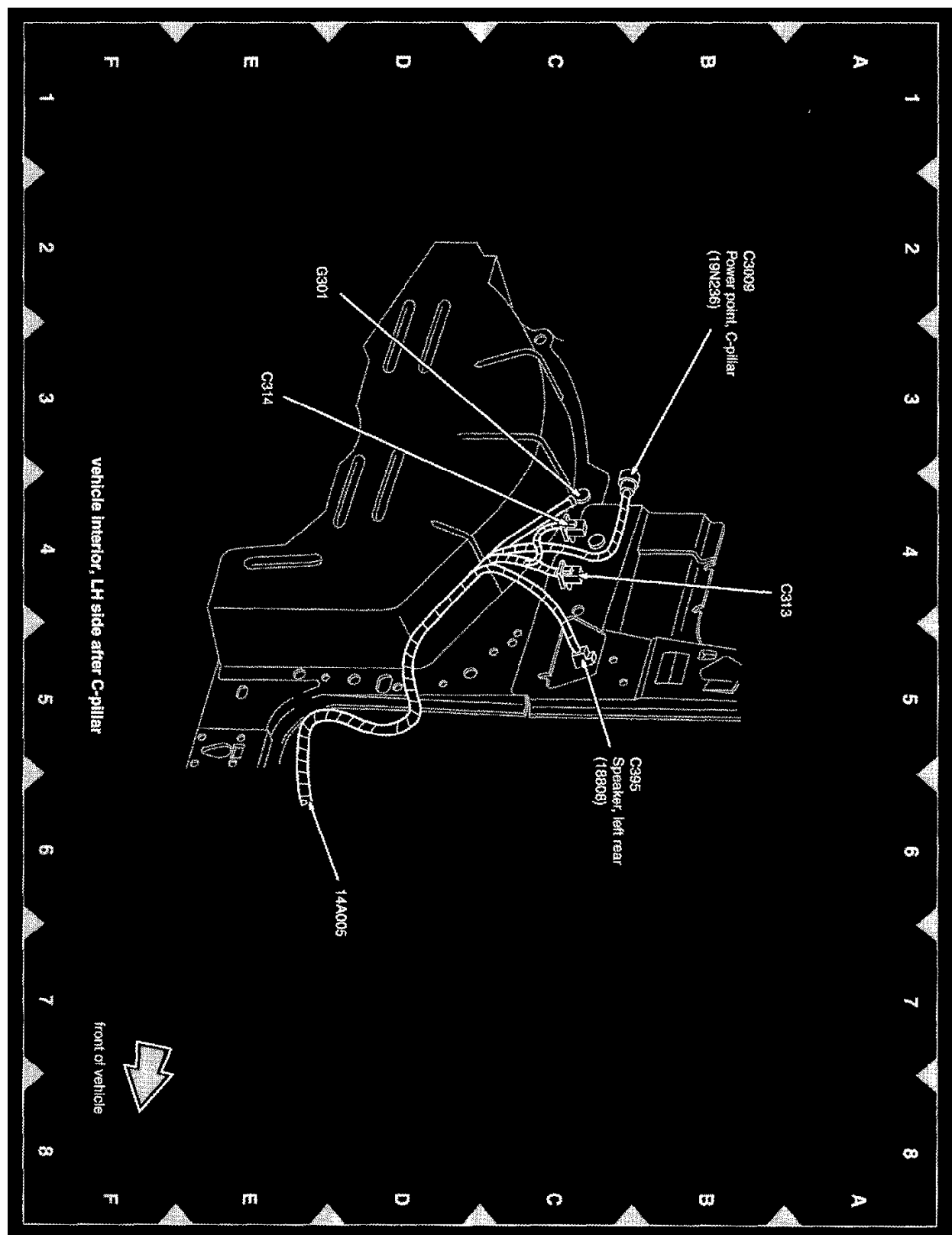
View 151-35



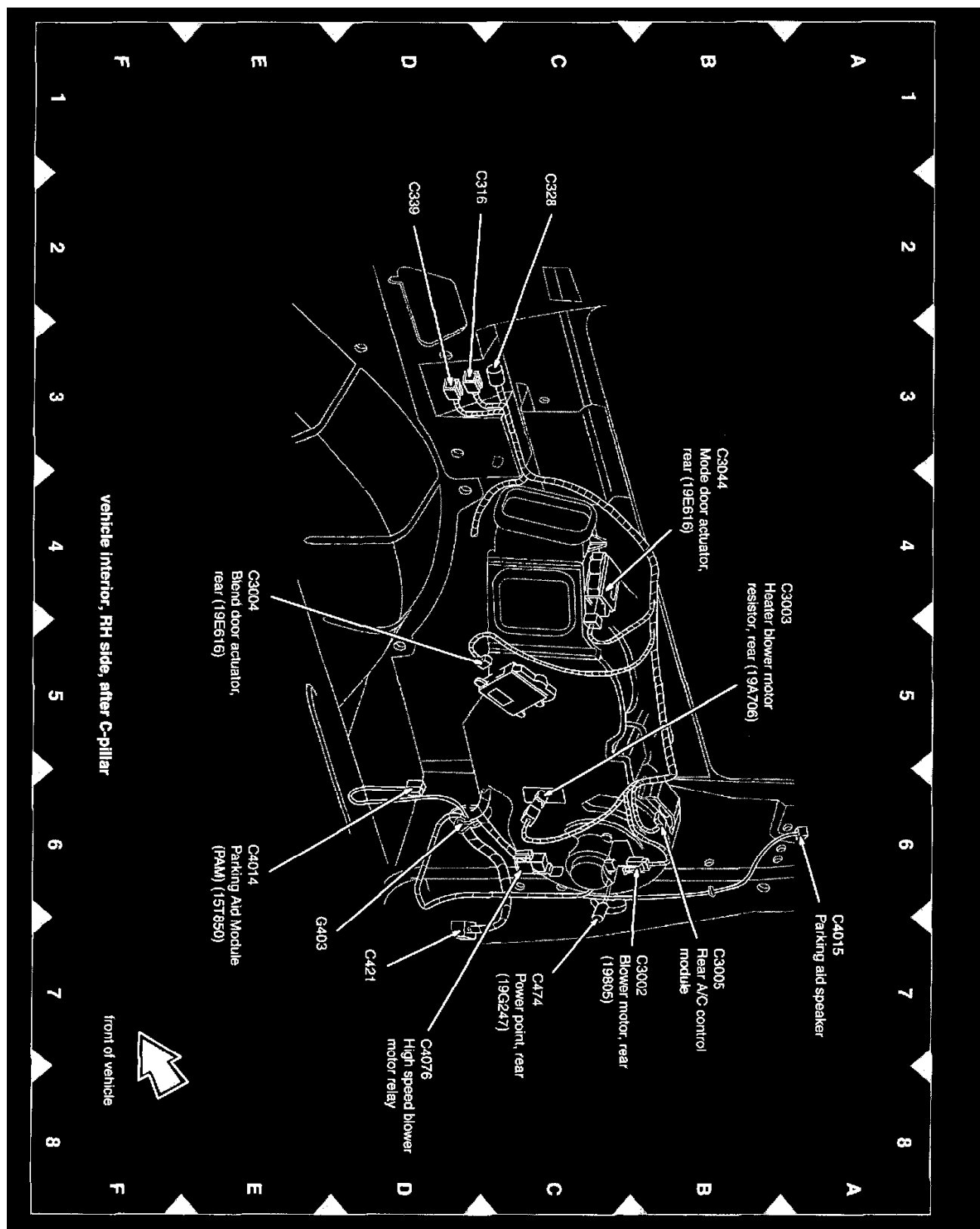
View 151-36



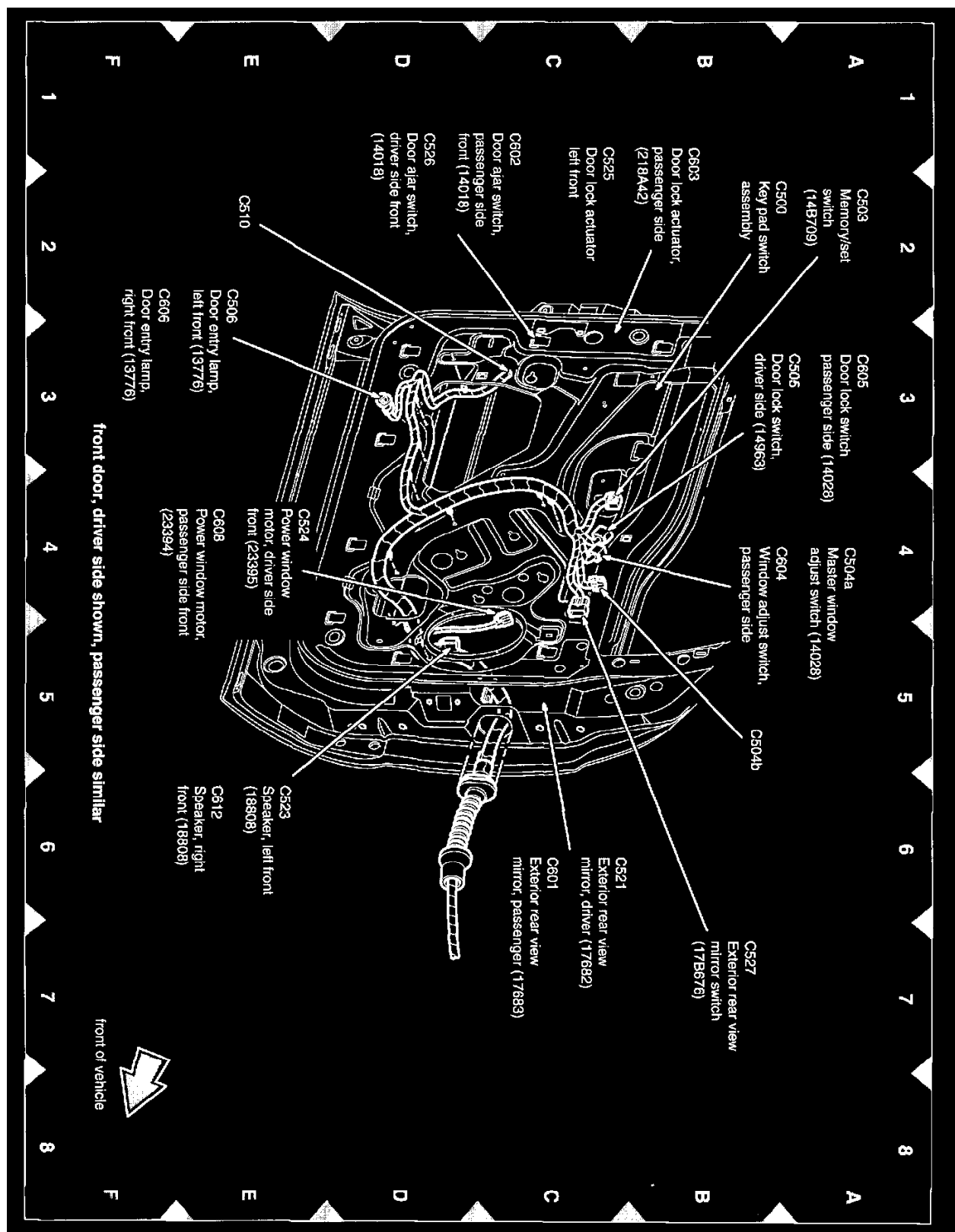
View 151-37



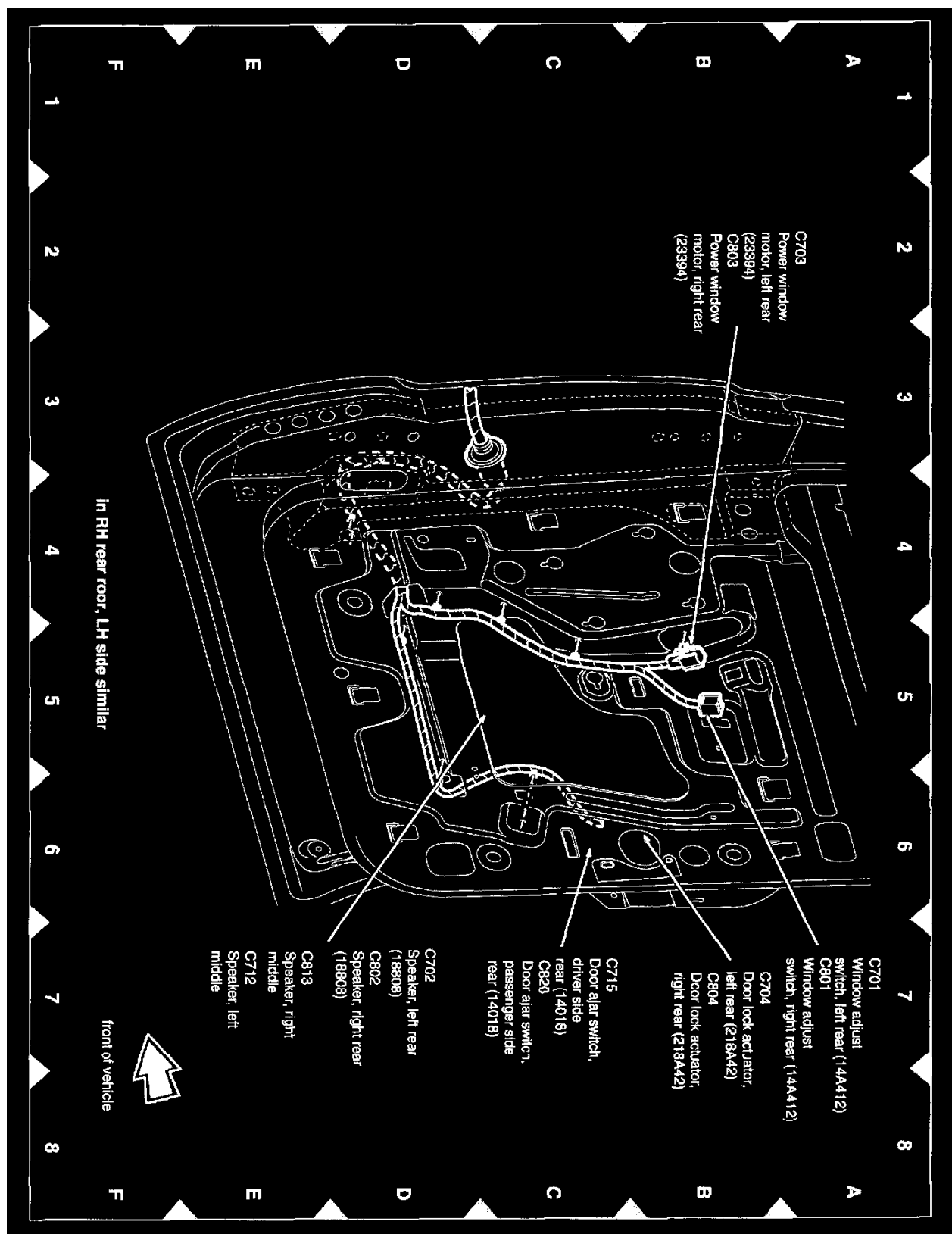
View 151-38



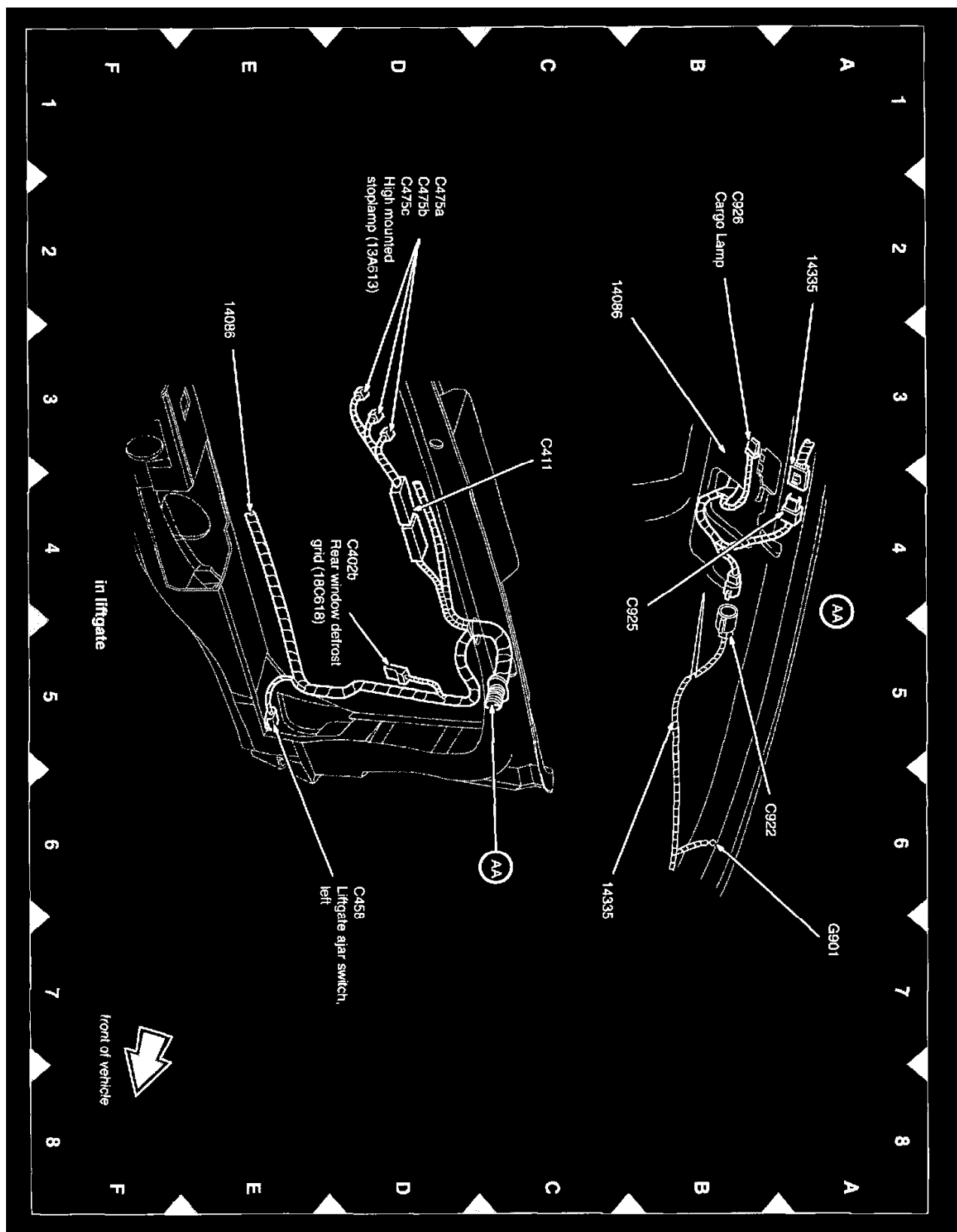
View 151-39



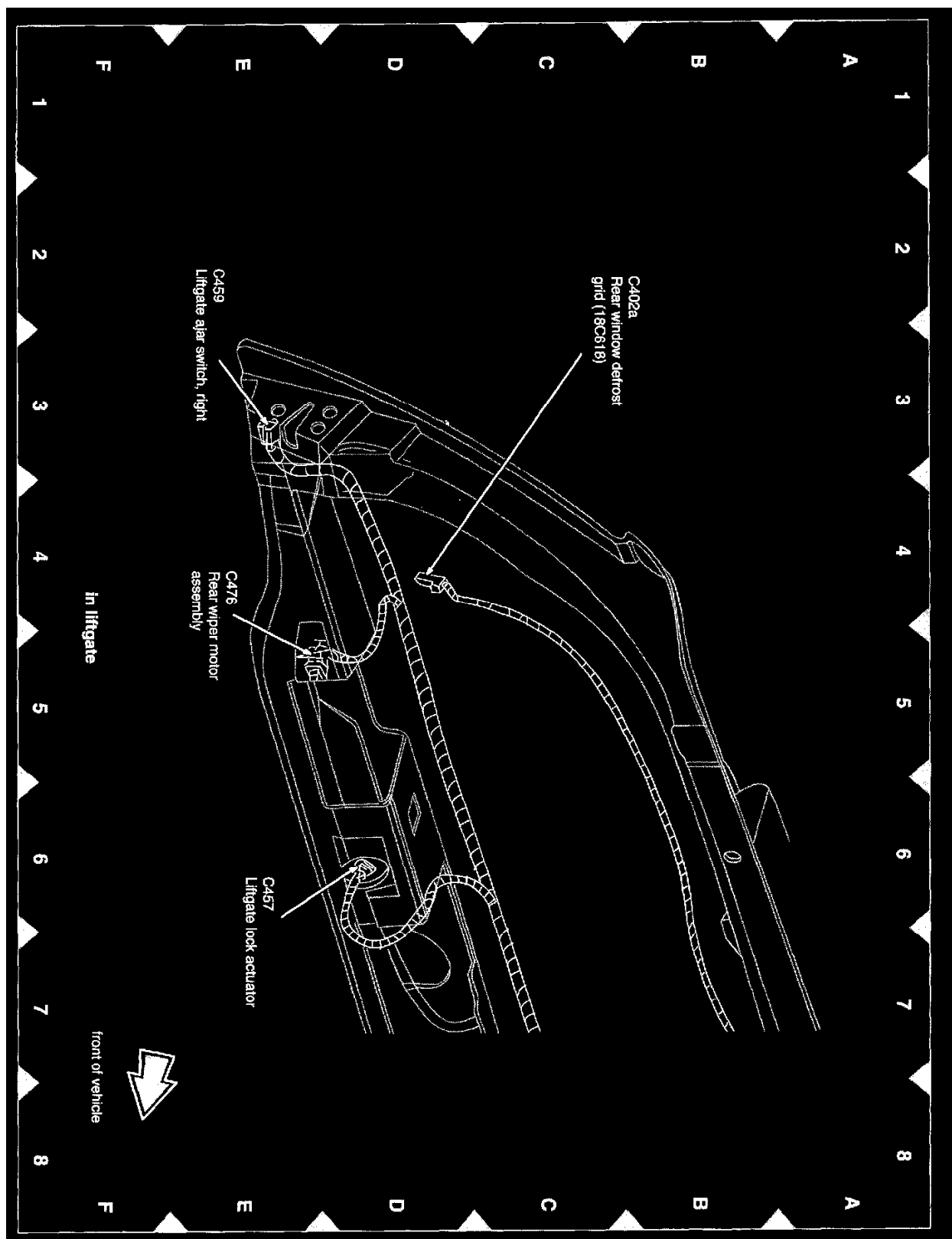
View 151-40



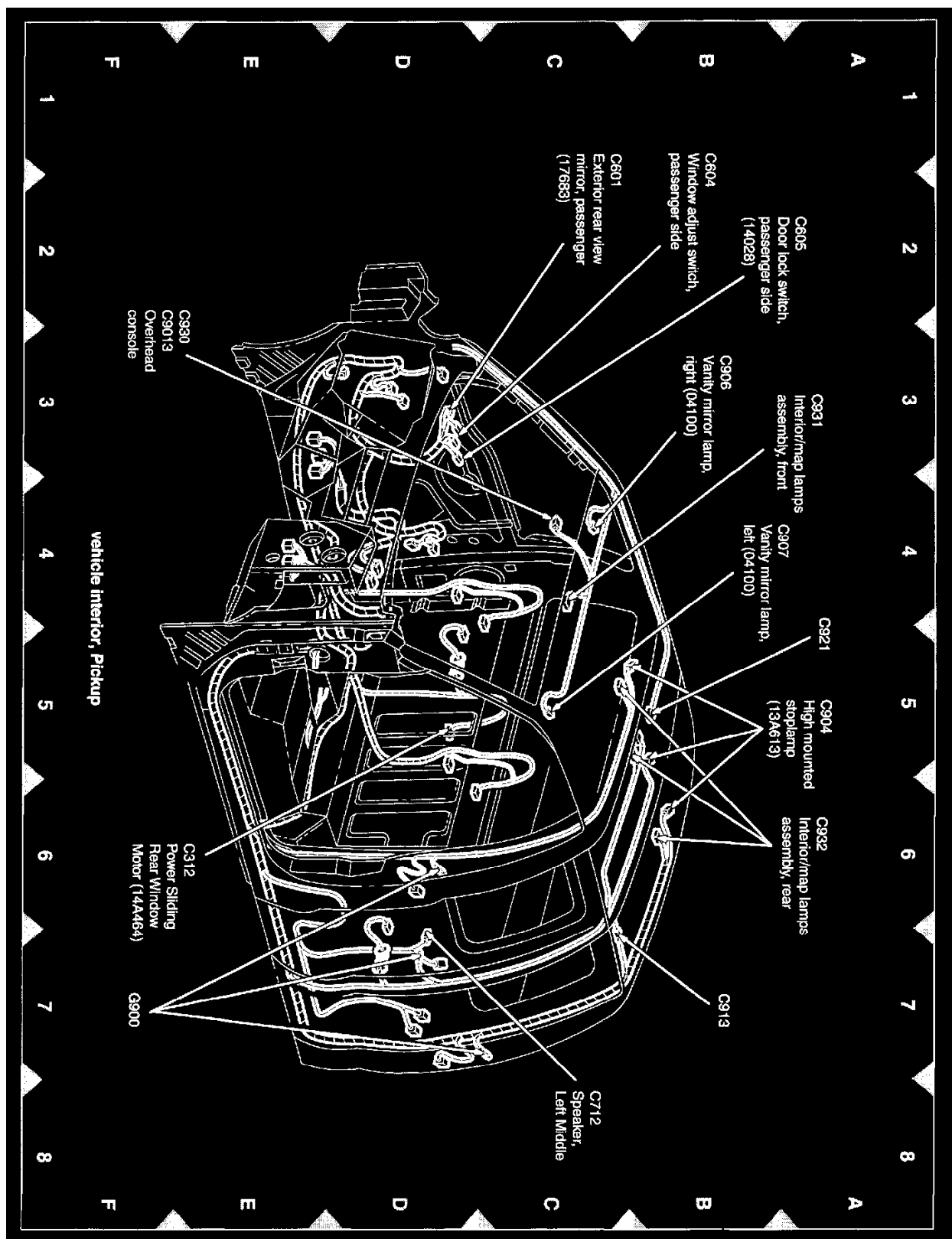
View 151-41



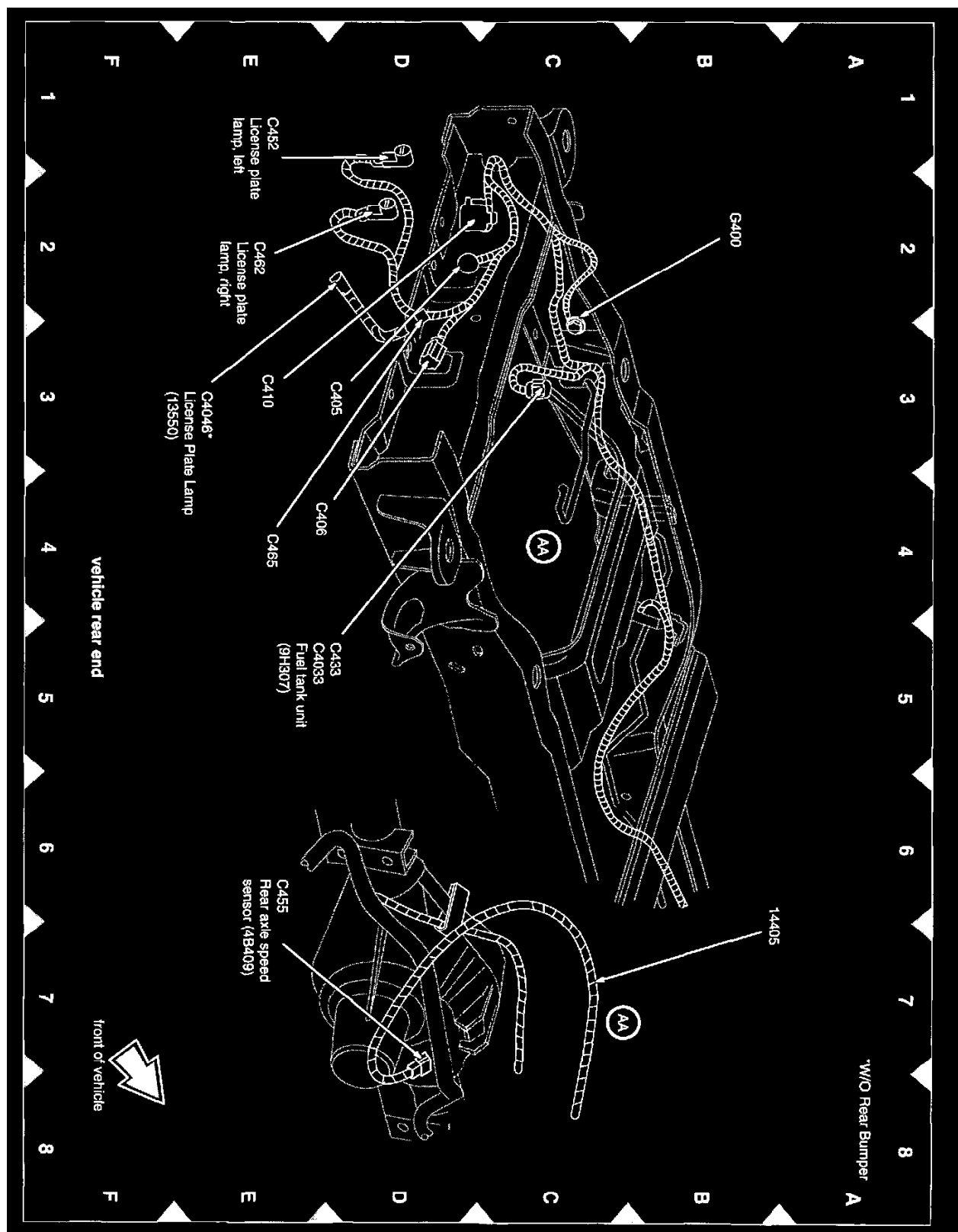
View 151-42



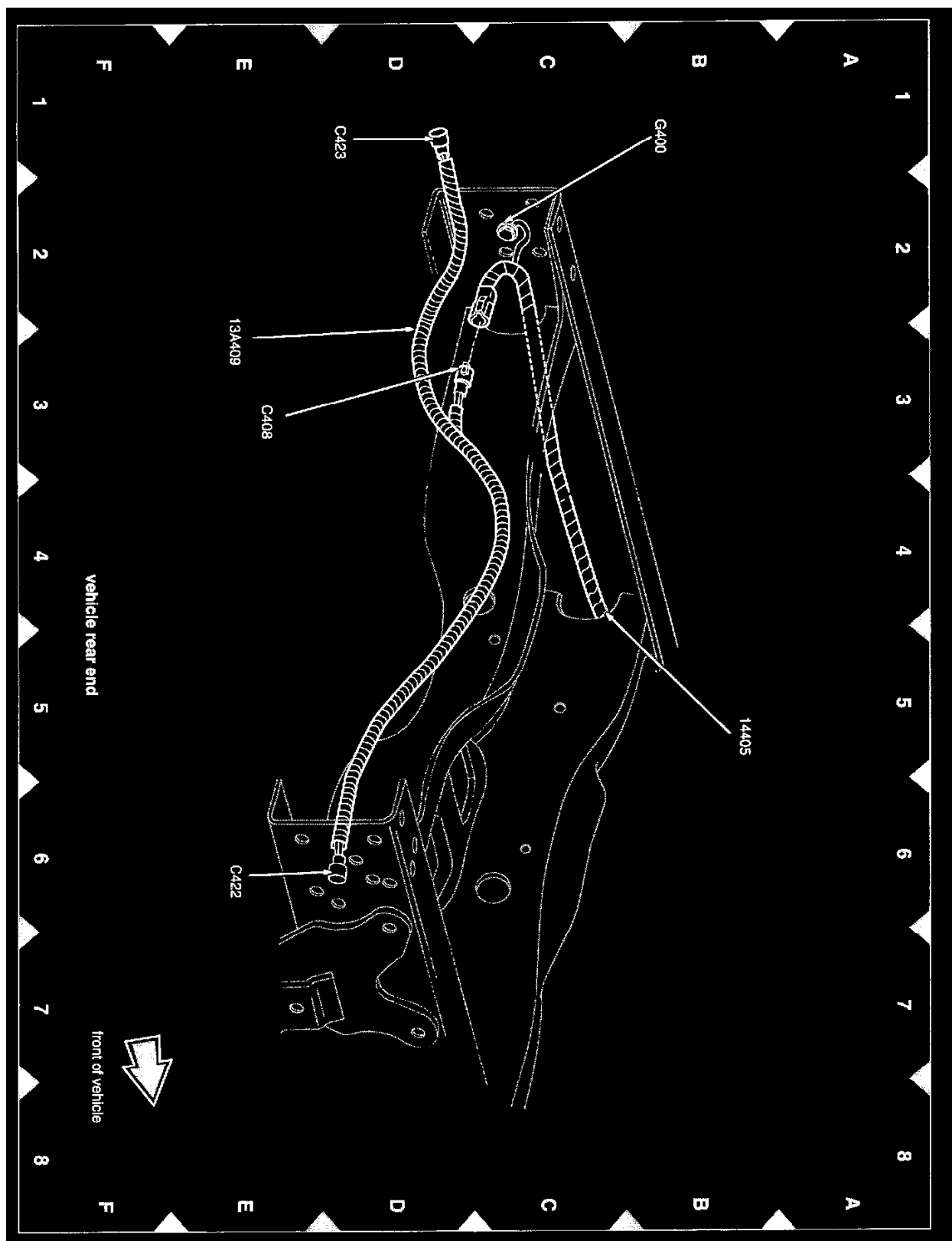
View 151-43



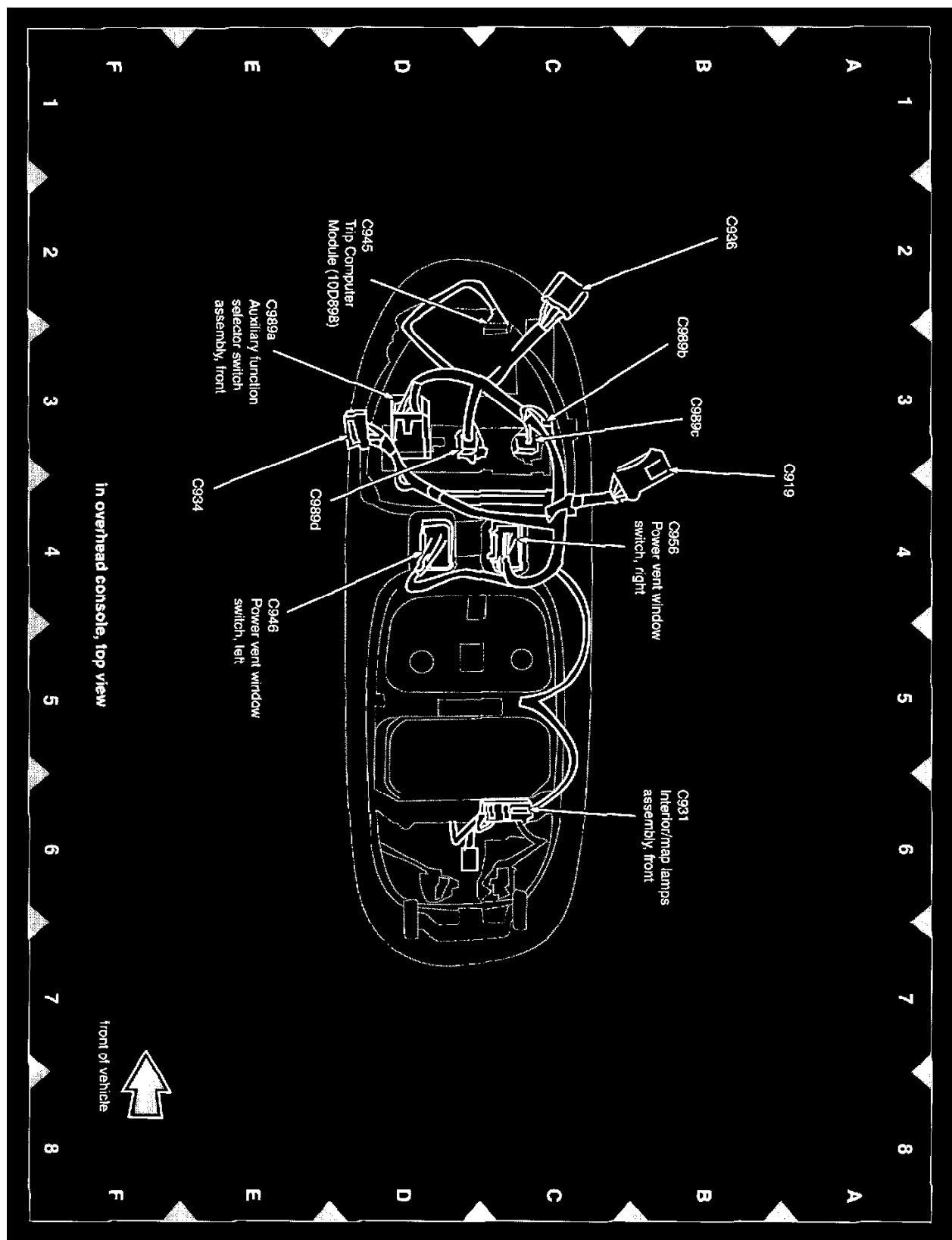
View 151-45



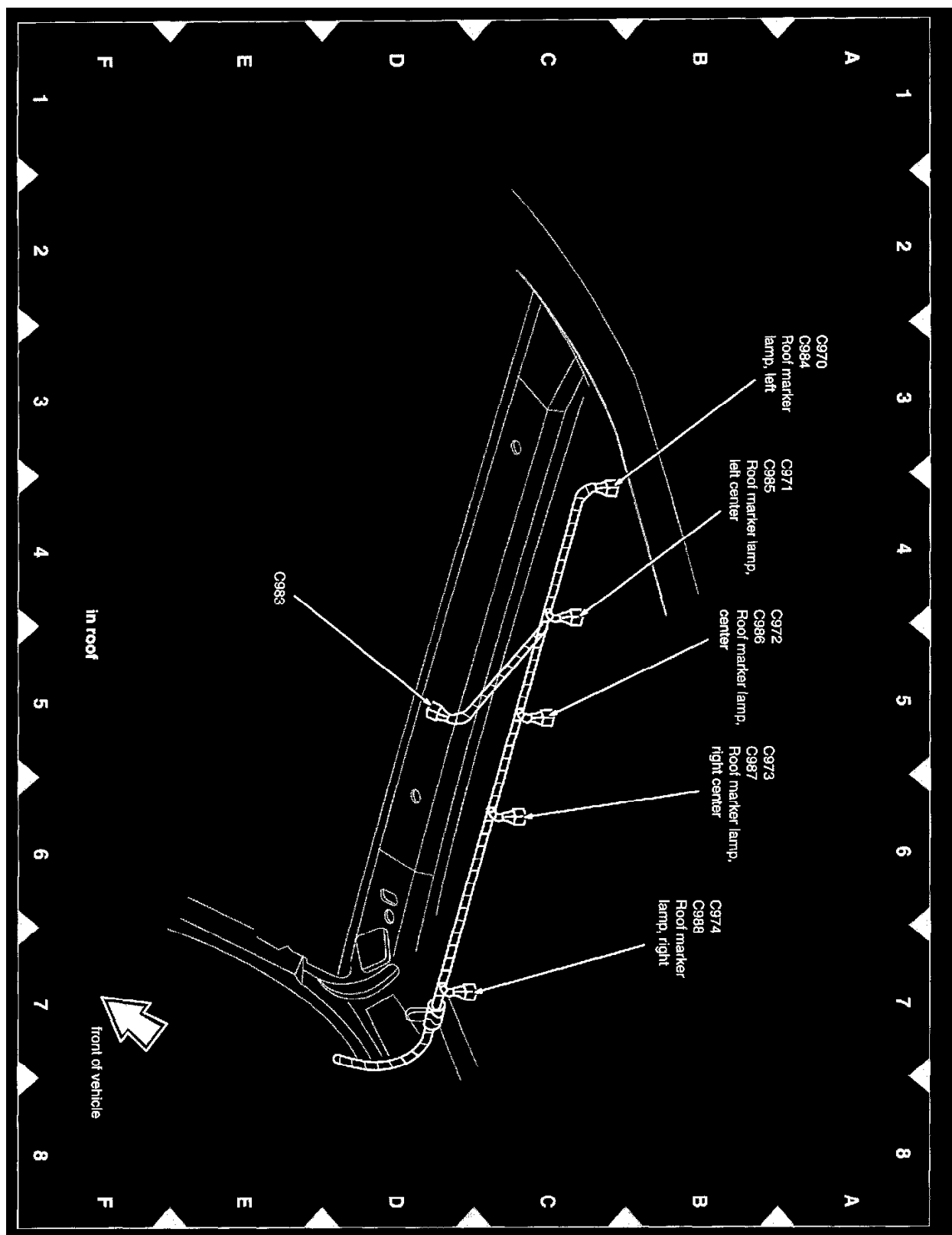
View 151-46



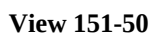
View 151-47

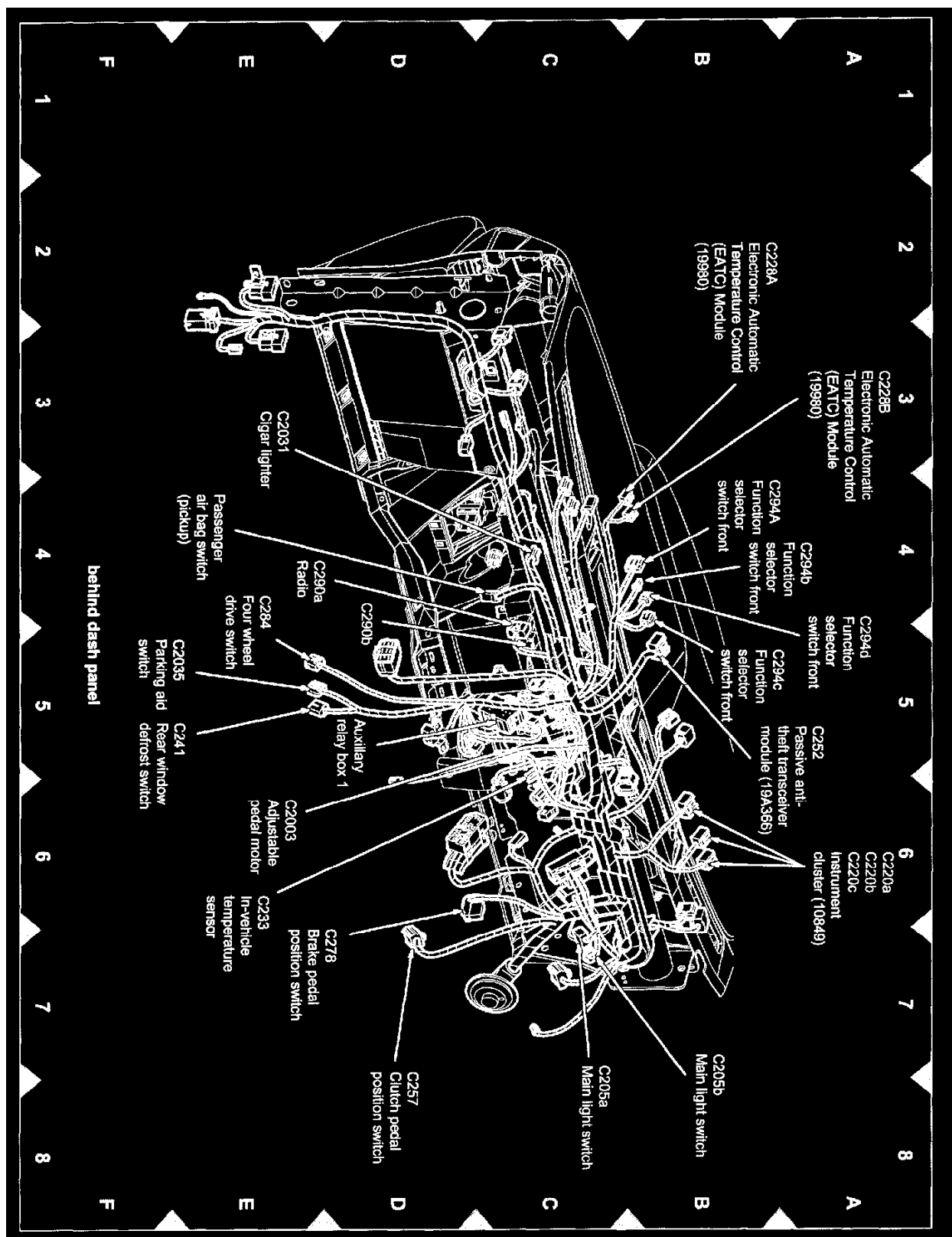


View 151-48

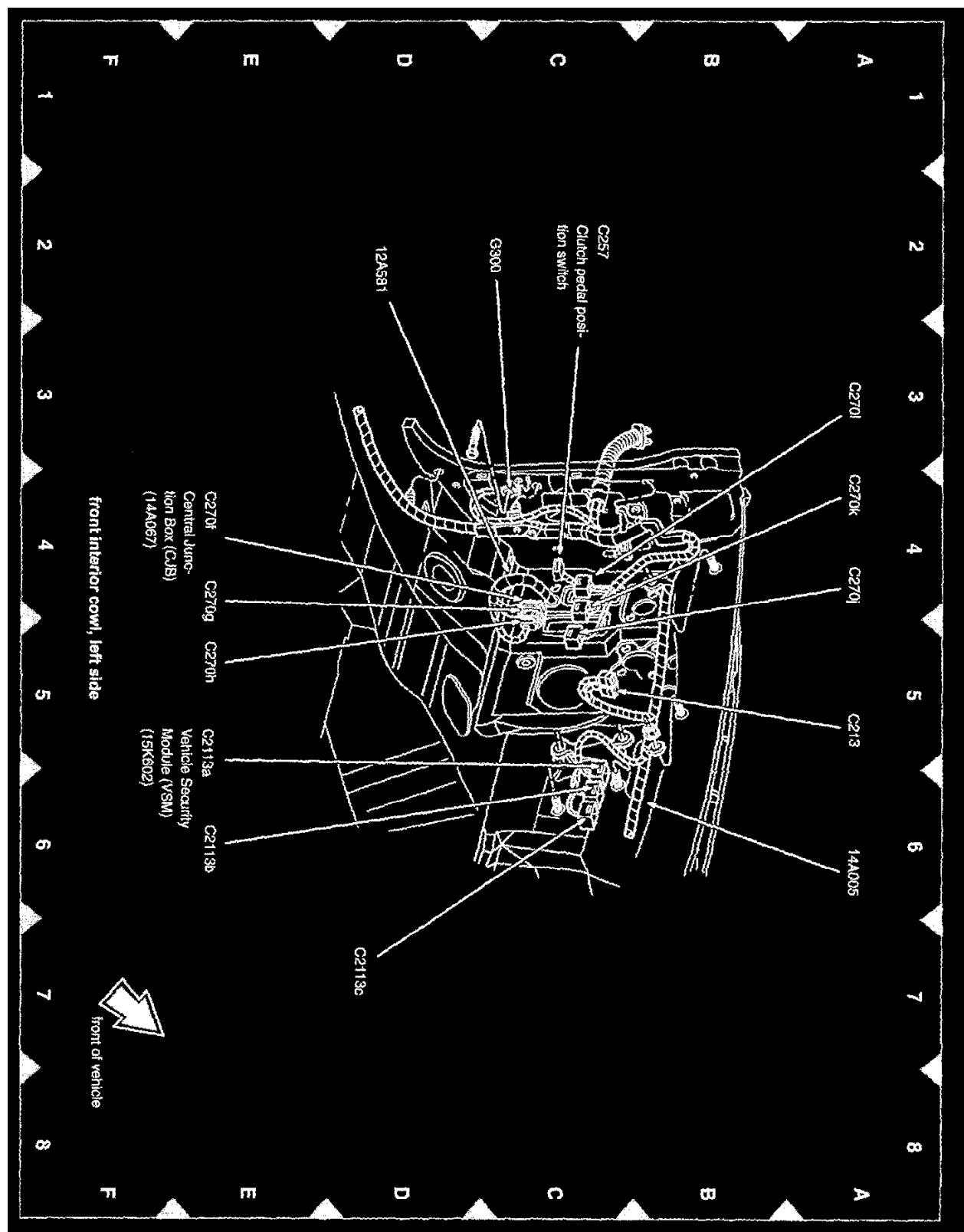


View 151-49





View 151-51



View 151-52

Connector Location Index

PLEASE NOTE: If a link on the Connector Location Index to a view is not provided, that means that the Connector and/or View in question does NOT apply to the vehicle model selected.

Connectors		View 151-*/coordinates			
	Location				
C100	engine, front, on A/C compressor - 5.4L	4 - C 1	C115	engine, LH cylinder head - 5.4L	2 - E 3
C100	engine, front - 6.0L	9 - E 7	C115	engine, LH cylinder head - 6.8L	5 - C 2
C100	engine, front - 6.8L	6 - D 1	C116	engine, LH cylinder head - 5.4L	2 - E 5
C101	engine, front - 5.4L	4 - E 2	C116	engine, LH cylinder head - 6.8L	6 - C 2
C101	engine, front - 6.0L	9 - E 6	C117	engine, LH cylinder head - 5.4L	2 - E 6
C101	engine, front - 6.8L	6 - D 2	C118	engine, LH cylinder head - 6.8L	6 - B 4
C102a	engine compartment, RH side - 5.4L	4 - B 3	C122	engine, LH cylinder head - 5.4L	2 - E 6
C102a	engine compartment, RH side - 6.0L	8 - A 4	C124	engine, LH cylinder head - 6.8L	6 - A 4
C102a	engine compartment, RH side - 6.0L w/dual generators	26 - A 5	C125	engine compartment, rear, LH side	15 - D 4
C102a	engine compartment, RH side - 6.8L	6 - B 2	C128	engine compartment, rear	18 - A 4
C102b	engine, front	6 - B 2	C131	engine compartment, in intake system	17 - B 5
C102c	engine compartment, RH side - 5.4L	4 - A 4	C132	engine compartment, front, RH side	18 - D 6
C102c	engine compartment, RH side - 6.0L	8 - A 4	C133	engine compartment, front	23 - E 4
C102c	engine compartment, RH side - 6.0L with dual generators	26 - B 3	C133	engine compartment, LH side, rear	22 - D 2
C102c	engine compartment, RH side - 6.8L	6 - B 2	C134	engine compartment, LH side, rear	20 - F 3
C103	engine, front - 5.4L	4 - F 5	C134	engine compartment, rear - gasoline	19 - E 5
C103	engine, front - 6.8L	6 - E 4	C134	engine compartment, rear - 6.0L	20 - F 4
C103	engine, front - 6.0L	9 - B 7	C135	engine compartment, rear	20 - F 4
C104	Engine Oil Temperature (EOT) sensor - 6.0L	9 - C 7	C137	engine compartment, LH side	21 - E 6
C106	engine, top, RH side	5 - E 8	C140	engine compartment, RH side	23 - B 5
C107	engine, RH cylinder head - 5.4L	4 - B 2	C142	engine compartment, LH side, rear	16 - B 2
C107	engine, RH cylinder head - 6.8L	6 - A 2	C143	engine compartment, LH side, rear	10 - B 7
C109	engine, LH cylinder head - 5.4L	3 - D 1	C143	vehicle underbody, RH side, near transmission	10 - B 7
C109	engine, LH cylinder head - 6.8L	7 - C 7	C144	transmission, top	11 - A 3
C110	engine compartment, LH side - 5.4L	4 - E 4	C145	engine compartment, LH side, rear	19 - E 5
C110	engine compartment, LH side - 6.8L	6 - E 3	C145	engine compartment, LH side, rear - gasoline	19 - E 5
C111	engine, RH cylinder head - 5.4L	3 - D 8	C146	engine compartment, LH side, rear - gasoline	20 - F 3
C111	engine, RH cylinder head - 6.8L	5 - B 7	C146	engine compartment, LH side, rear - 6.0L	19 - E 4
C112	engine, RH cylinder head - 5.4L	3 - E 7	C150	engine compartment, LH side	20 - E 3
C112	engine, RH cylinder head - 6.8L	5 - A 6	C152	engine compartment, LH side	19 - F 3
C113	engine, RH cylinder head - 5.4L	3 - E 6	C160	front of vehicle (exterior), LH side	24 - B 3
C113	engine, RH cylinder head - 6.8L	5 - B 2	C162	front of vehicle (exterior), RH side	15 - D 7
C114	engine, RH cylinder head - 5.4L	3 - F 5	C167	front of vehicle (exterior), front	24 - B 2
C114	engine, RH cylinder head - 6.8L	5 - B 2	C168	transmission, LH side	11 - E 5
			C169	transmission, LH side	11 - A 5
			C171	manual transmission	10 - A 6
			C172	in exhaust system, RH side	7 - D 7
			C174	in exhaust system, RH side	7 - E 2
			C175	engine, top - 5.4L	4 - D 7
			C179	engine, top - 6.0L	6 - C 1
				engine compartment, LH side, rear - gasoline	19 - D 2
				engine, top, rear	7 - A 3

Connectors		View 151-*/coordinates	
	Location		
CI180	engine, front - 5.4L	4 - D 7	C218b on steering column
CI180	engine, front - 6.8L	6 - E 4	C220a dash panel, LH side
CI181	engine, LH cylinder head - 5.4L	3 - A 6	C220b dash panel, LH side
CI181	engine, LH cylinder head - 6.8L	5 - D 7	C220c dash panel, LH side
CI182	engine, LH cylinder head - 5.4L	3 - A 5	C228a dash panel, center
CI182	engine, LH cylinder head - 6.8L	5 - D 7	C228b dash panel, center
CI183	engine, LH cylinder head - 5.4L	3 - A 2	C233 behind dash panel, LH side, near steering column
CI183	engine, LH cylinder head - 6.8L	5 - E 6	C241 dash panel, LH side
CI184	engine, LH cylinder head - 5.4L	3 - B 2	C250 on steering column
CI184	engine, LH cylinder head - 6.8L	5 - E 6	C251 under dash panel, LH side
CI185	engine, RH cylinder head - 5.4L	2 - B 2	C252 behind dash panel, LH side
CI185	engine, RH cylinder head - 6.8L	5 - E 5	C254 dash panel, behind glove box
CI186	engine, RH cylinder head - 5.4L	2 - A 4	C256 dash panel, RH side
CI186	engine, RH cylinder head - 6.8L	6 - E 5	C257 on clutch pedal support
CI187	engine, RH cylinder head - 5.4L	2 - B 6	C260 on steering column
CI187	engine, RH cylinder head - 6.8L	6 - E 6	C264 A-pillar, RH side
CI188	engine, RH cylinder head - 5.4L	2 - B 7	C270a under dash panel, LH side
CI188	engine, RH cylinder head - 6.8L	6 - E 7	C270b under dash panel, LH side
CI189	engine compartment, throttle body - 6.0L	9 - A 5	C270c under dash panel, LH side
CI193	transmission, rear - without four-wheel drive - gasoline	11 - B 6	C270d under dash panel, LH side
CI194	engine, top - 5.4L	2 - F 3	C270e under dash panel, LH side
CI194	engine, top - 6.8L	6 - C 2	C270f under dash panel, LH side
CI196	engine compartment, front, LH side	21 - E 7	C270g under dash panel, LH side
CI197a	engine, bottom, RH side	14 - A 3	C270h under dash panel, LH side
CI197b	engine, bottom, RH side	14 - E 3	C270i under dash panel, LH side
C202a	on steering column	30 - B 7	C270m under dash panel, LH side
C202b	on steering column	30 - D 7	C278 under dash panel, LH side
C203	dash panel, LH side	28 - D 7	C281a under dash panel, RH side
C203a	dash panel, LH side, near steering column	51 - C 7	C281b under dash panel, RH side
C205b	dash panel, LH side, near steering column	51 - B 7	C282 under dash panel, RH side
C210	under dash panel, RH side	33 - F 5	C284 dash panel, LH side
C211	under dash panel, RH side	33 - E 7	C286 dash panel, top
C213	under dash panel, LH side	28 - A 5	C289 under dash panel, RH side
C214	under dash panel, center	29 - B 6	C290a dash panel, center
C218a	on steering column	30 - E 2	C290b dash panel, center
			C291 under dash panel, LH side

Connectors		View 151-*/coordinates			
Location					
C294a	in dash panel	51 - B 4	C383	under driver seat	34 - E 2
C294b	in dash panel	51 - B 4	C395	LH C-pillar	38 - C 6
C294c	in dash panel	51 - B 5	C396	RH C-pillar	44 - A 2
C294d	in dash panel	51 - A 5	C402a	rear window, RH side	43 - C 2
C300	A-pillar, RH side	33 - B 7	C402b	rear window, LH side	42 - D 4
C303	RH B-pillar	36 - A 3	C405	vehicle underbody, LH side	46 - D 3
C312	vehicle interior, rear	45 - F 6	C406	vehicle underbody, rear, chassis crossmember	46 - D 4
C313	LH C-pillar	38 - B 4	C408	vehicle underbody, rear, chassis crossmember	47 - E 3
C314	LH C-pillar	38 - E 3	C410	vehicle rear end, LH side	46 - E 3
C315	under driver seat	34 - B 3	C411	in liftgate, top	42 - C 3
C316	RH C-pillar	39 - D 2	C421	vehicle underbody, RH side, rear	39 - D 7
C320	driver seat, LH side	34 - F 6	C422	main chassis side member, vehicle rear end, RH side	47 - B 7
C321	passenger seat, RH side	35 - E 4	C423	main chassis side member, vehicle rear end, LH side	47 - D 2
C323	seat belt buckle, driver side	34 - C 2	C431	vehicle underbody, LH side	44 - E 5
C327	under driver seat	37 - E 3	C432	vehicle underbody, RH side	44 - E 2
C328	RH C-pillar	39 - C 2	C433	vehicle underbody, LH side	46 - D 5
C330	passenger seat, RH side	35 - E 3	C438	vehicle rear end, center	50 - E 7
C334	passenger seat	35 - A 3	C451	vehicle rear end, LH side	50 - F 5
C335	passenger seat	35 - B 6	C452	vehicle rear end	46 - E 1
C339	RH C-pillar	39 - D 2	C455	on differential	46 - E 6
C340	under passenger seat	35 - C 6	C457	in liftgate, LH side	43 - E 6
C341a	under driver seat	34 - E 3	C458	in liftgate, LH side	42 - D 6
C341b	under driver seat	34 - F 3	C459	in liftgate, RH side	43 - E 2
C341c	under driver seat	37 - B 2	C461	vehicle rear end, RH side	50 - D 8
C349	center console, in rear	29 - F 6	C462	vehicle rear end	46 - E 2
C350a	on transfer case - 6.0L	12 - B 4	C465	vehicle underbody, LH side	46 - E 4
C350b	on transfer case - gasoline	10 - F 6	C474	RH D-pillar	39 - C 7
C357	under driver seat	34 - D 2	C475a	in liftgate, top - Excursion	42 - D 2
C359	under driver seat	34 - F 4	C475b	in liftgate, top - Excursion	42 - D 2
C360	driver seat, LH side	34 - D 6	C475c	in liftgate, top - Excursion	42 - D 2
C364	driver seat	34 - B 5	C476	in liftgate	43 - E 4
C365	driver seat	34 - C 6	C494	vehicle underbody, RH side	50 - B 6
C369	driver seat, LH side	34 - D 6	C495	vehicle underbody, LH side	50 - D 2
C372	under driver seat	34 - D 6	C500	in driver door	40 - B 2
C373	under driver seat	34 - A 4	C503	in driver door, top	40 - A 2
C380	center console, in rear	29 - B 7	C504a	in driver door, top	40 - A 4
			C504b	in driver door, top	40 - B 5
			C505	in driver door, top	40 - B 3

C294a-C505

Connectors		View 151-*/coordinates			
	Location				
C506	in driver door	40 - E 2	C921a	in roof panel, above rear seats	1 - D 7
C510	in driver door	40 - E 2	C921b	in roof panel, above rear seats	1 - B 4
C521	driver's door (exterior)	40 - C 6	C922	vehicle rear end, roof, RH side	42 - A 6
C523	in driver door	40 - E 6	C925	vehicle rear end, roof	42 - B 4
C524	in driver door	40 - E 4	C926	rear window, top	42 - B 2
C525	in driver door	40 - C 2	C930	roof, front, center	45 - E 3
C526	in driver door	40 - D 2	C931	in roof panel, front, center	45 - A 3
C527	in driver door, top	40 - B 7	C932	in roof panel, above rear seats	45 - A 6
C601	passenger door (exterior)	40 - C 6	C934	in roof panel, near air conditioning/heating control unit, front	48 - E 4
C602	in passenger door	40 - C 2	C935	roof, middle row of seats	44 - A 5
C603	in passenger door	40 - B 2	C936	in roof panel, front, center	48 - B 2
C604	in passenger door, top	40 - B 4	C941	in roof panel, LH side	44 - A 6
C605	in passenger door, top	40 - A 3	C942	in roof panel, RH side	44 - A 4
C606	in passenger door	40 - F 2	C945	roof, front	48 - D 2
C608	in passenger door	40 - E 4	C946	in roof panel, front	48 - E 5
C612	in passenger door	40 - E 6	C947	in roof panel, LH side, rear	44 - A 8
C701	in LH rear door, top	41 - A 7	C948	in roof panel, RH side, rear	44 - A 6
C702	in LH rear door	41 - D 7	C949	roof, middle row of seats	44 - E 4
C703	in LH rear door	41 - A 2	C956	roof, front	48 - B 4
C704	in LH rear door	41 - B 7	C970	roof, front - except Lariat	49 - A 3
C712	in LH rear door	41 - E 7	C971	roof, front - except Lariat	49 - B 3
C715	in LH rear door	41 - C 7	C972	roof, front - except Lariat	49 - B 4
C801	in RH rear door	41 - A 7	C973	roof, front - except Lariat	49 - B 5
C802	in RH rear door	41 - D 7	C974	roof, front - except Lariat	49 - B 6
C803	in RH rear door	41 - B 2	C983	in roof panel, front	49 - E 4
C804	in RH rear door	41 - B 7	C984	roof, front - Lariat	49 - A 3
C813	in RH rear door	41 - E 7	C985	roof, front - Lariat	49 - B 3
C820	in RH rear door	41 - C 7	C986	roof, front - Lariat	49 - B 4
C904	rear window, top - Pickup	45 - A 5	C987	roof, front - Lariat	49 - B 5
C906	roof, RH side, front	45 - B 3	C988	roof, front - Lariat	49 - B 6
C907	roof, LH side, front	45 - B 4	C989a	in roof panel, above front seats	48 - E 2
C911	roof, front, center	44 - B 2	C989b	roof, above front seats	48 - B 2
C913	LH C-pillar	45 - B 7	C989c	roof, above front seats	48 - B 3
C919	in roof panel, near air conditioning/heating control unit, front	48 - A 3	C989d	roof, above front seats	48 - E 4
C920	in roof panel, above rear seats	1 - B 2	C990a	roof, middle row of seats	44 - A 3
			C990b	roof, middle row of seats	44 - A 3
			C990c	roof, middle row of seats	44 - A 3
			C990d	roof, middle row of seats	44 - A 3
			C991	in roof panel, front	44 - B 3

C506-C991

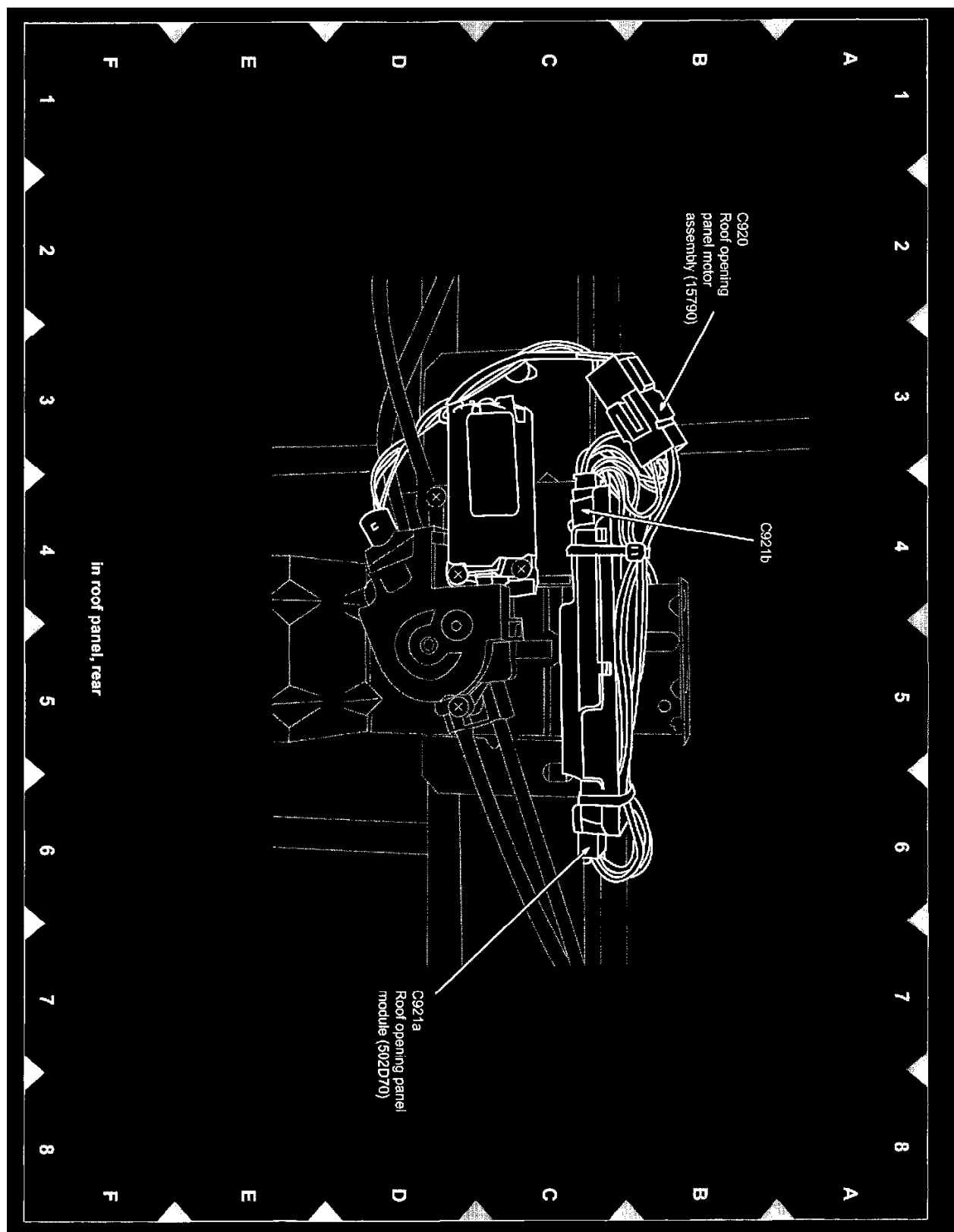
Connectors					
Location	View 151-*/coordinates				
C1008	engine compartment, rear, in auxiliary fuse and relay box	16 - A 5	C1129	engine compartment, in Auxiliary Junction Box (AJB) 3, underhood - gasoline	19 - A 4
C1010	engine compartment, rear, LH side	20 - E 5	C1129	engine compartment, in Auxiliary Junction Box (AJB) 3, underhood - 6.0L	20 - A 4
C1021	Front of vehicle, LH side	21 - A 3	C1147	Front of vehicle, LH side	22 - B 6
C1023	Front of vehicle, LH side	22 - E 3	C1148	engine compartment, RH side	15 - E 2
C1025	engine compartment, LH side, rear	18 - E 2	C1158	engine, front	8 - D 1
C1026	engine compartment, right fender	15 - A 3	C1159	in hood	50 - A 3
C1031	engine compartment, RH side, rear	15 - A 5	C1170	engine compartment, rear, in auxiliary fuse and relay box 2	20 - A 5
C1032	engine compartment, RH side, rear	15 - E 5	C1171	engine compartment, rear, in auxiliary fuse and relay box 2	20 - A 5
C1033	engine compartment, LH side - 5.4L	4 - E 4	C1172	engine compartment, rear, in auxiliary fuse and relay box 2	20 - A 5
C1033	engine compartment, LH side - 6.8L	6 - E 2	C1173	engine compartment, in Auxiliary Junction Box (AJB) 3, underhood - gasoline	19 - A 4
C1040	engine compartment, rear, LH side	17 - E 6	C1173	engine compartment, in Auxiliary Junction Box (AJB) 3, underhood - 6.0L	20 - A 4
C1041	front of vehicle, RH side	23 - B 3	C1177	on transfer case	10 - C 6
C1043	front of vehicle, RH side	23 - E 5	C1181	engine, top, RH side - 6.0L	8 - C 1
C1045	engine compartment, rear	21 - E 3	C1182	engine, top, LH side - 6.0L	9 - A 5
C1046	engine compartment, RH side	15 - C 1	C1183	engine, top, RH side - 6.0L	9 - F 3
C1047	engine compartment, front	16 - D 6	C1184	engine, top, LH side - 6.0L	8 - C 7
C1062	engine, front, near bottom	9 - D 7	C1185	engine, top, RH side - 6.0L	9 - E 3
C1063	engine compartment, LH side, rear	18 - A 6	C1186	engine, top, LH side - 6.0L	8 - A 7
C1064	engine, front, LH side, near thermostat housing - 6.0L	8 - E 2	C1187	engine compartment, rear, in auxiliary fuse and relay box 4	16 - A 5
C1066	engine, top, RH side - 5.4L	2 - B 3	C1188	engine compartment, rear, in auxiliary fuse and relay box 4	16 - A 5
C1066	engine, top, RH side - 6.8L	5 - A 4	C1189	throttle body - 5.4L	4 - A 4
C1068	engine, top, RH side - 5.4L	4 - A 6	C1189	throttle body - 6.8L	6 - A 5
C1078	engine front, RH side - 5.4L	4 - B 1	C1195	engine compartment, rear	17 - E 4
C1078	engine front, RH side - 6.8L	6 - D 2	C1204	engine, LH cylinder head	6 - D 7
C1080	engine, top, RH side	13 - E 7	C1205	engine, LH cylinder head	6 - B 7
C1081	engine compartment, RH side	15 - A 7	C1206	engine, LH cylinder head	6 - A 6
C1087	engine compartment, rear	17 - E 4	C1207	engine, LH cylinder head	6 - B 7
C1100a	engine compartment, RH side	25 - B 2	C1210	engine compartment, LH side, on air cleaner housing	20 - F 6
C1100b	engine compartment, RH side	25 - A 5	C1221	engine, top	2 - E 4
C1107	transmission, rear	12 - B 3			
C1119	engine compartment, RH side	15 - E 3			
C1126	front of vehicle, RH side	23 - E 3			
C1127	Front of vehicle, LH side	22 - E 6			

Connectors		View 151-*/coordinates	
	Location		
C1235	engine compartment, LH side, rear – in auxiliary relay box 5	20 – A 3	C1388c engine compartment, top, LH side – 6.0L
C1236	engine, LH side	8 – A 6	C1389 engine, top, near throttle body – 6.0L
C1244	engine top, rear	8 – A 7	C1390 engine, top – 6.0L
C1247	engine compartment, RH side	15 – A 2	C1392 vehicle underbody, near transmission
C1249a	engine compartment, LH side	21 – C 6	C1393 engine compartment, LH side, rear
C1249b	engine compartment, LH side	21 – D 2	C1413 engine, front, LH side – 6.0L
C1251a	engine, front, RH side – 6.0L	26 – D 3	C1414 engine, front, RH side – 6.0L
C1251c	engine, front, RH side – 6.0L	26 – E 3	C1442 engine compartment, right fender
C1271	engine, near camshaft pulley, RH side	8 – E 2	C1443 engine compartment, LH side, rear
C1273a	engine, top, front	9 – C 7	C1444 engine compartment, LH side, rear
C1273b	engine, top, front	9 – C 7	C2003 in LH front footwell
C1275	engine, LH side, bottom – 6.0L	8 – F 4	C2007 behind dash panel, LH side, near steering column
C1278	front of vehicle, LH side	22 – A 5	C2008 on steering column
C1281	front of vehicle, RH side	23 – B 3	C2015 in footwell, driver side
C1282	engine compartment, LH side, rear – 6.0L	9 – B 2	C2017 in Central Junction Box (CJB)
C1284	front of vehicle, LH side	22 – A 4	C2021 in Central Junction Box (CJB)
C1285	front of vehicle, RH side	23 – E 7	C2031 dash panel, center, bottom
C1298	engine compartment, LH side, rear – 6.0L	20 – E 5	C2033 dash panel, center, bottom
C1308	engine compartment, RH side	15 – E 5	C2035 dash panel, LH side
C1312	engine, top, RH side – 6.0L	9 – E 3	C2040 on accelerator pedal support
C1313	engine, top, LH side – 6.0L	9 – C 2	C2041 behind dash panel, center
C1328	engine, top – 6.0L	13 – E 5	C2047 behind dash panel, LH side, in auxiliary fuse and relay box 1
C1360	engine, top, on oil pump	9 – D 2	C2075 in Central Junction Box (CJB)
C1368	engine compartment, throttle body – 6.0L	9 – B 7	C2089 dash panel, LH side
C1381a	engine compartment, left fender – 6.0L	20 – A 5	C2093 dash panel, behind A/C control
C1381b	engine compartment, left fender – 6.0L	20 – E 7	C2099 dash panel, center, bottom
C1381c	engine compartment, left fender – 6.0L	20 – A 6	C2110 in Central Junction Box (CJB)
C1382	engine compartment, LH side, rear – 6.0L	20 – A 3	C2113a under dash panel, LH side
C1383	engine compartment, LH side, rear – 6.0L	20 – A 3	C2113b under dash panel, LH side
C1384	engine compartment, LH side, rear – 6.0L	20 – A 3	C2113c under dash panel, LH side
C1385	vehicle underbody – 6.0L	12 – D 7	C2116 behind dash panel, LH side, in auxiliary fuse and relay box 1
C1386	vehicle underbody, LH side, near transmission	13 – A 6	C2135 on steering column
C1387	transmission, rear	12 – B 2	C2142 behind dash panel, LH side
C1388a	engine compartment, top, LH side – 6.0L	8 – B 7	C2159 under dash panel, driver side, on accelerator pedal support – with memory
C1388b	engine compartment, top, LH side – 6.0L	8 – B 7	C2160 in Central Junction Box (CJB)

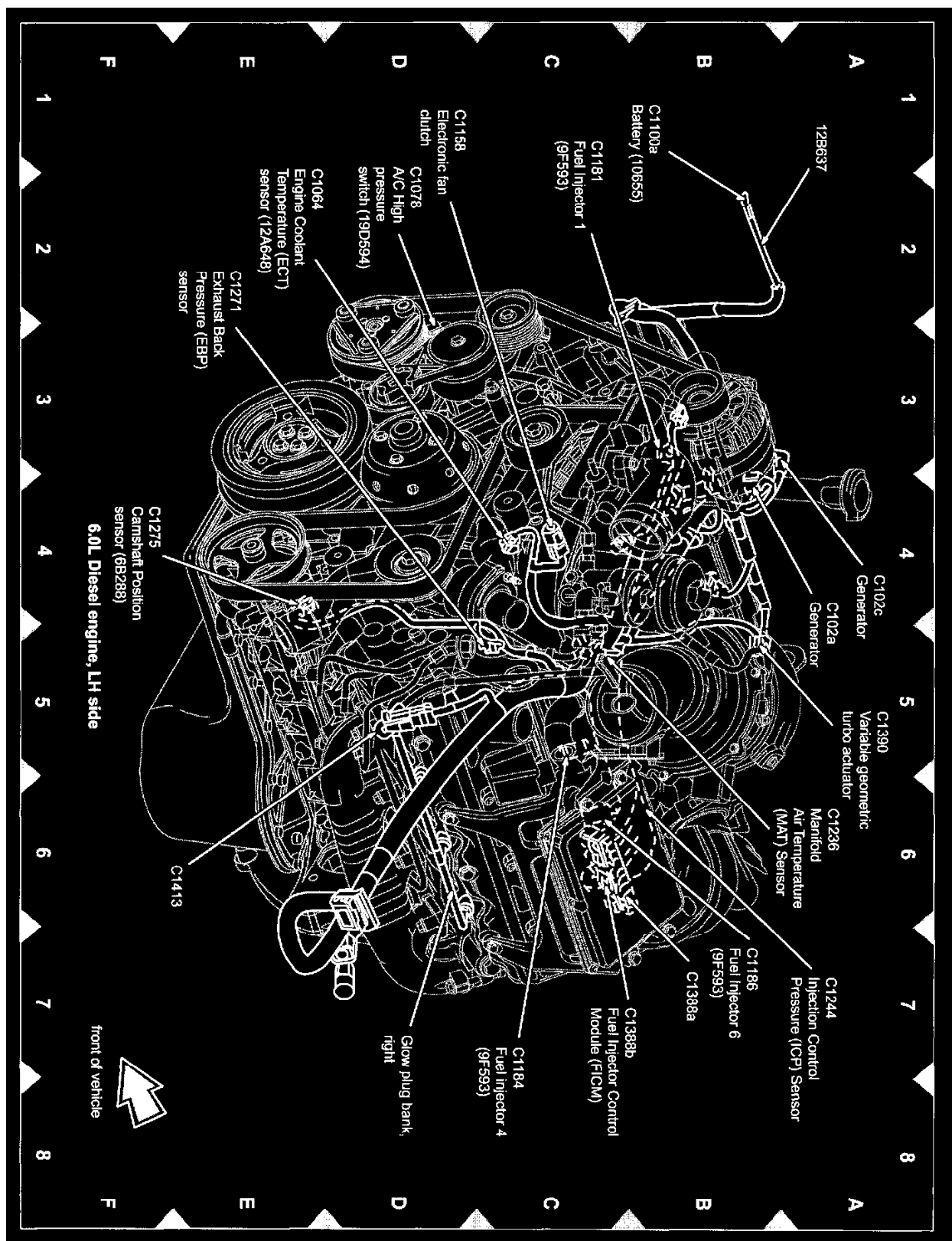
Connectors	Location	View 151-*/coordinates
C2163	in Central Junction Box (CJB)	52 - E 4
C2176	behind dash panel, LH side, near steering column	28 - A 7
C2194	behind dash panel, LH side	28 - F 7
C2207	under dash panel, RH side - Pickup	28 - F 4
C2255	on dash panel, LH side - 6.0L	
C2256	behind dash panel, LH side, near steering column	30 - F 3
C2257	in Central Junction Box (CJB)	31 - A 2
C2259	in Central Junction Box (CJB)	31 - A 2
C3002	Vehicle interior, RH side, after C-pillar	39 - B 7
C3003	Vehicle interior, RH side, after C-pillar	39 - B 4
C3004	Vehicle interior, RH side, after C-pillar	39 - E 4
C3005	Vehicle interior, RH side, after C-pillar	39 - B 7
C3007	upper driver seat	37 - E 3
C3009	LH side, after C-pillar	38 - B 2
C3014	LH B-pillar	37 - E 6
C3015	under passenger seat	35 - E 6
C3044	Vehicle interior, RH side, after C-pillar	39 - B 3
C3049	under driver seat	34 - B 3
C3084	Vehicle exterior, LH side	50 - D 1
C3085	Vehicle exterior, LH side	50 - E 1
C3086	Vehicle exterior, RH side	50 - D 1
C3087	Vehicle exterior, RH side	50 - F 1
C3094	Vehicle underbody, on fuel tank	50 - B 2
C3095	Vehicle underbody, on fuel tank	50 - F 7
C4000	Vehicle underbody, rear, chassis crossmember	50 - E 3
C4001	Truck bed	50 - F 4
C4002	Vehicle rear end	50 - B 8
C4009	rear bumper, LH side	50 - E 5
C4010	rear bumper, LH side	50 - E 6
C4011	rear bumper, RH side	50 - E 8
C4012	rear bumper, RH side	50 - E 7
C4014	RH A-pillar, behind trim panel - Pickup	33 - A 7
C4014	Vehicle interior, RH side, after C-pillar - Excursion	39 - E 6

C4015	RH A-pillar, behind trim panel - Pickup	33 - A 4
C4015	RH D-pillar - Excursion	39 - A 6
C4032	Vehicle rear end, RH side	50 - C 8
C4033	Vehicle underbody, LH side - California	46 - D 5
C4035	Vehicle rear end, LH side	50 - E 4
C4046	Vehicle rear end	46 - F 3
C4076	RH D-pillar	39 - E 5
C4094	Truck bed, left fender, front	50 - D 2
C4095	Truck bed, left fender, rear	50 - E 3
C4096	Truck bed, right fender, front	50 - B 6
C4097	Truck bed, right fender, rear	50 - B 7
C4098	Vehicle rear end	50 - F 6
C4099	Vehicle rear end	50 - F 6
C4132	Vehicle rear end, LH side	50 - B 1
C9013	in roof panel, front	45 - F 3

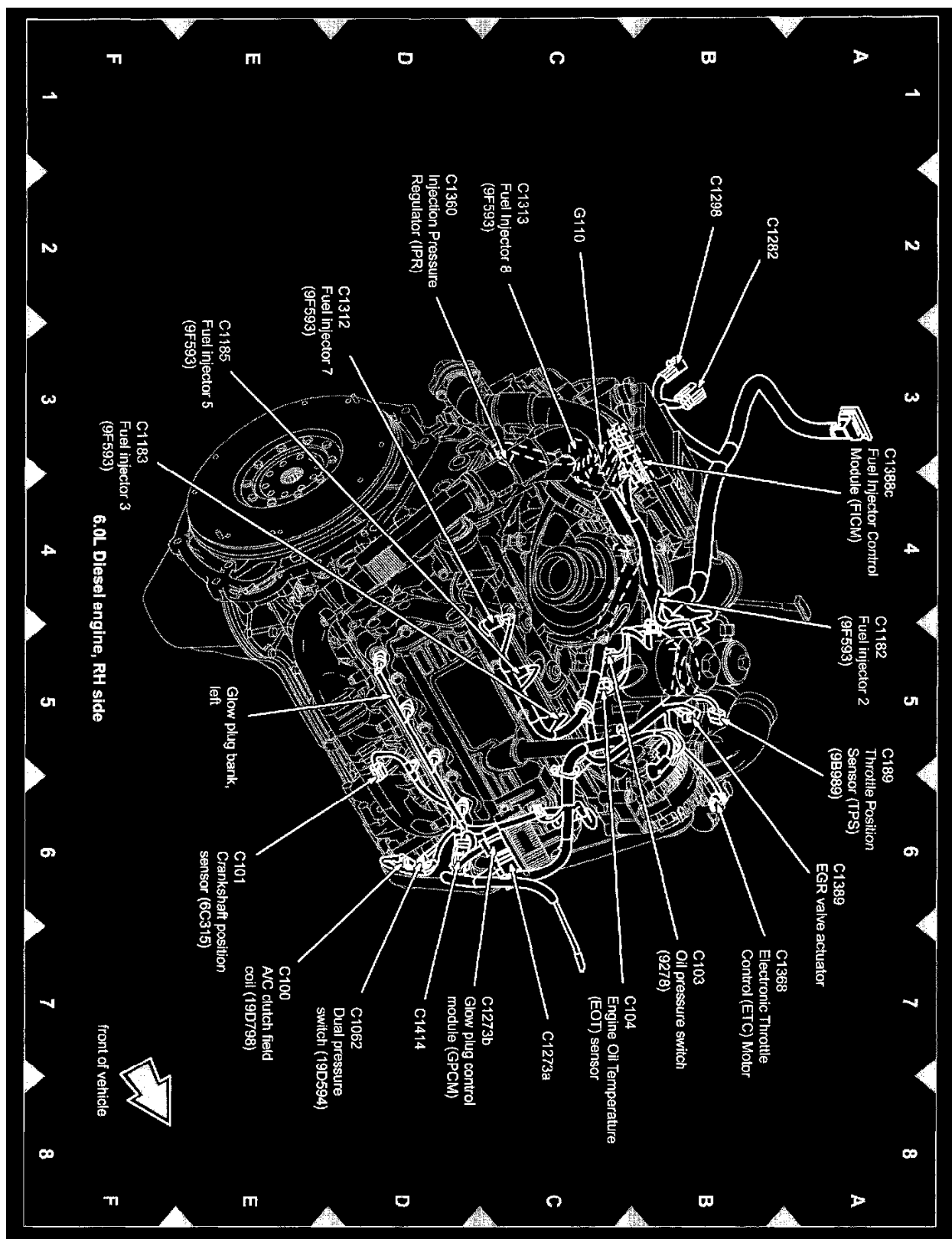
C2163-C9013



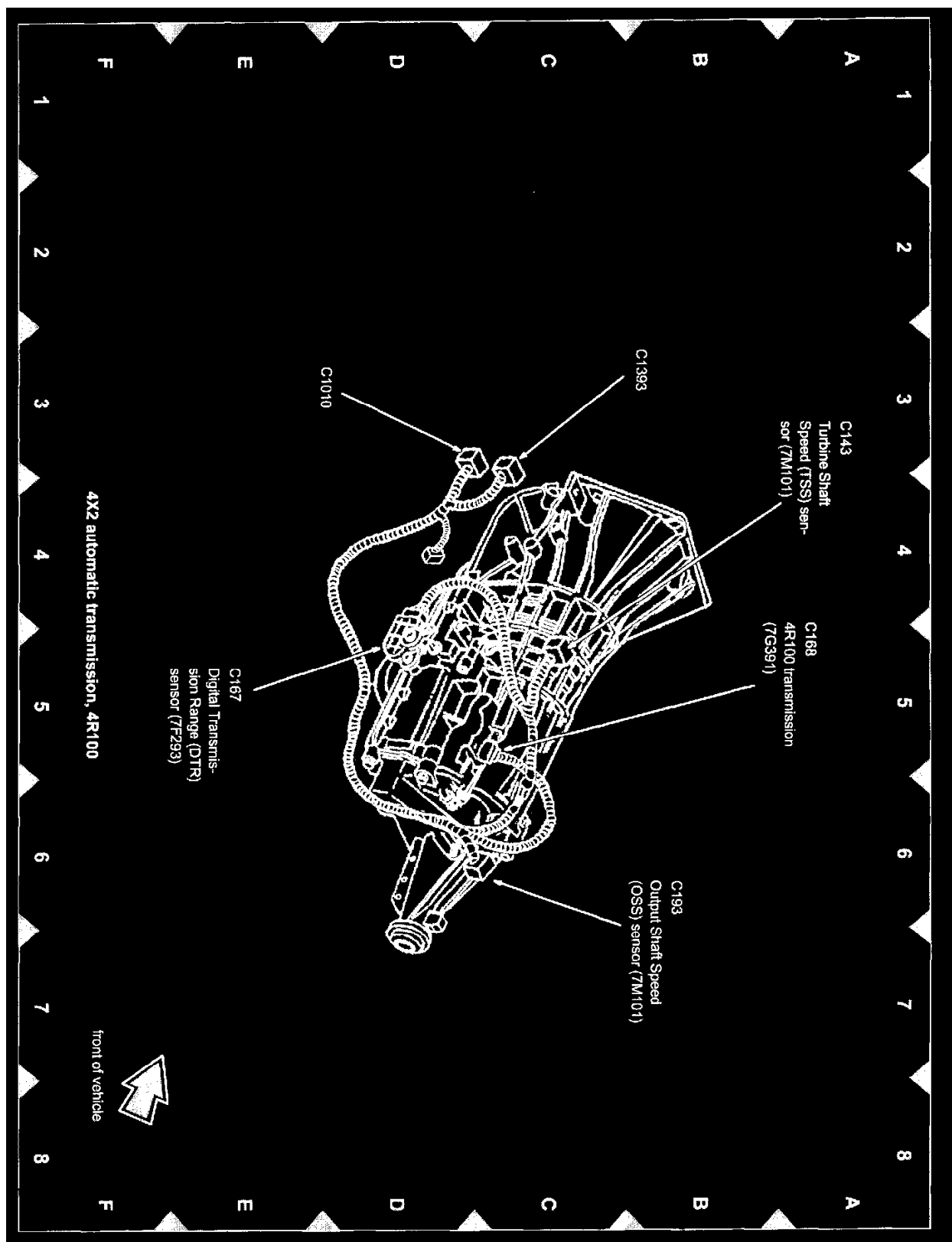
View 151-1



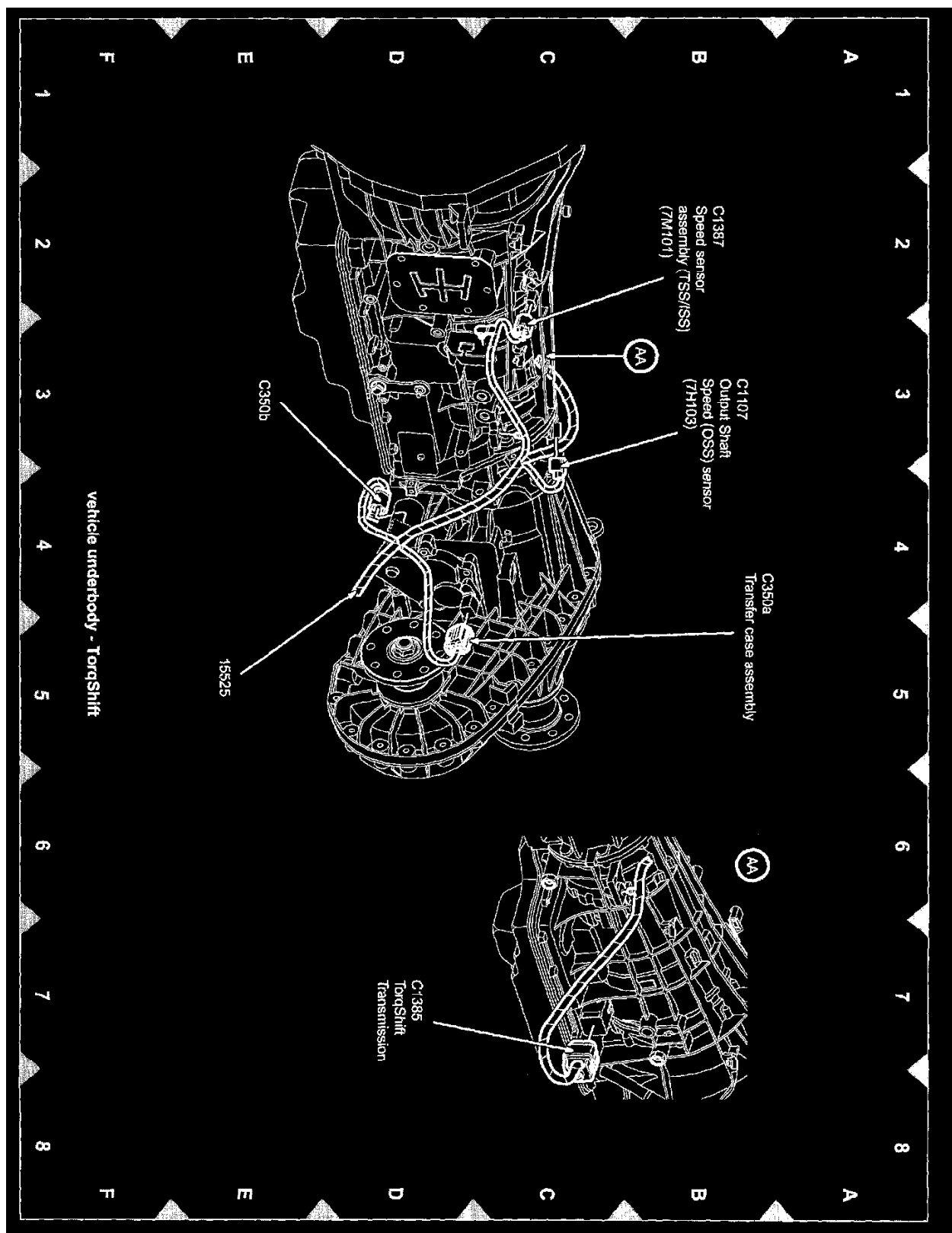
View 151-8



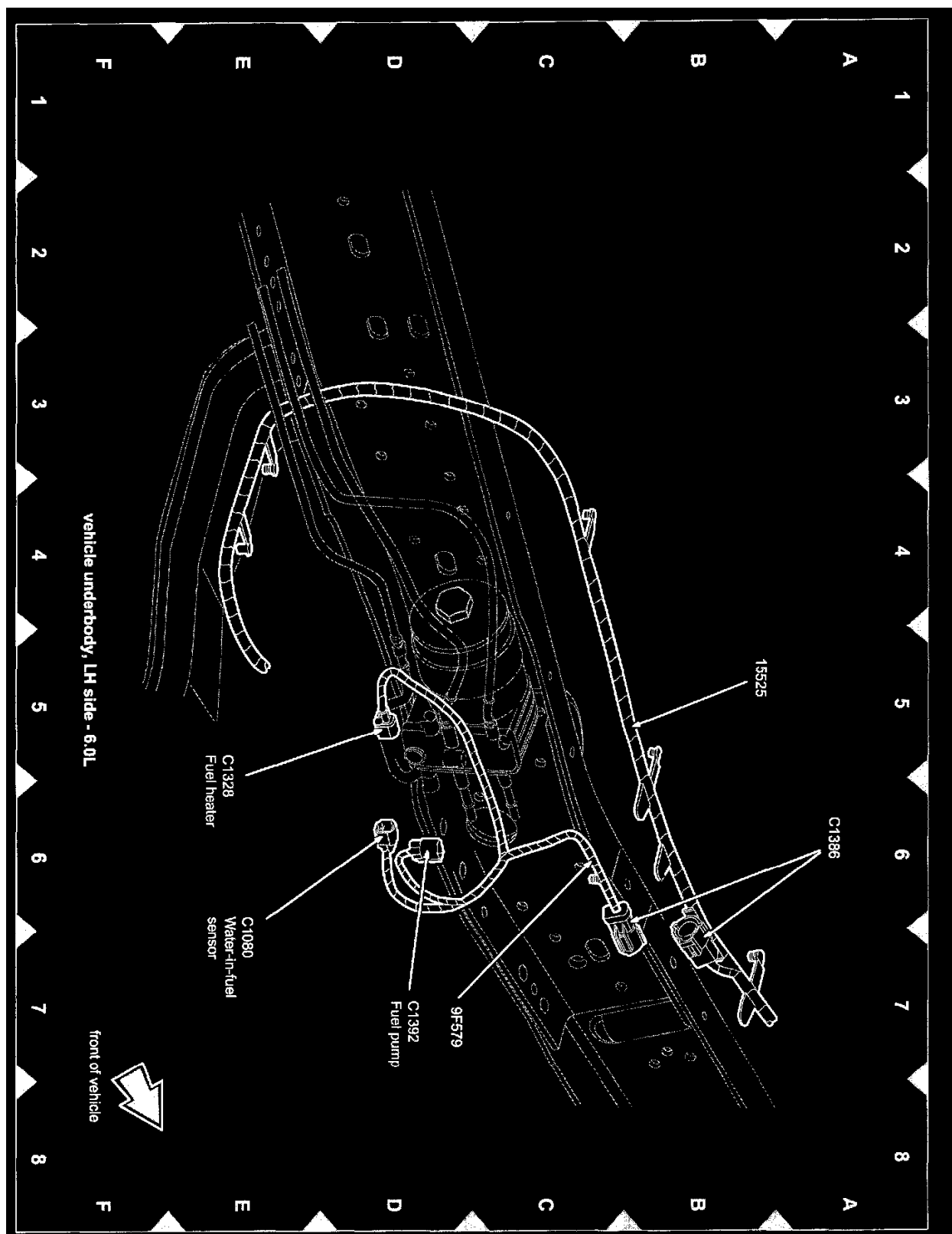
View 151-9



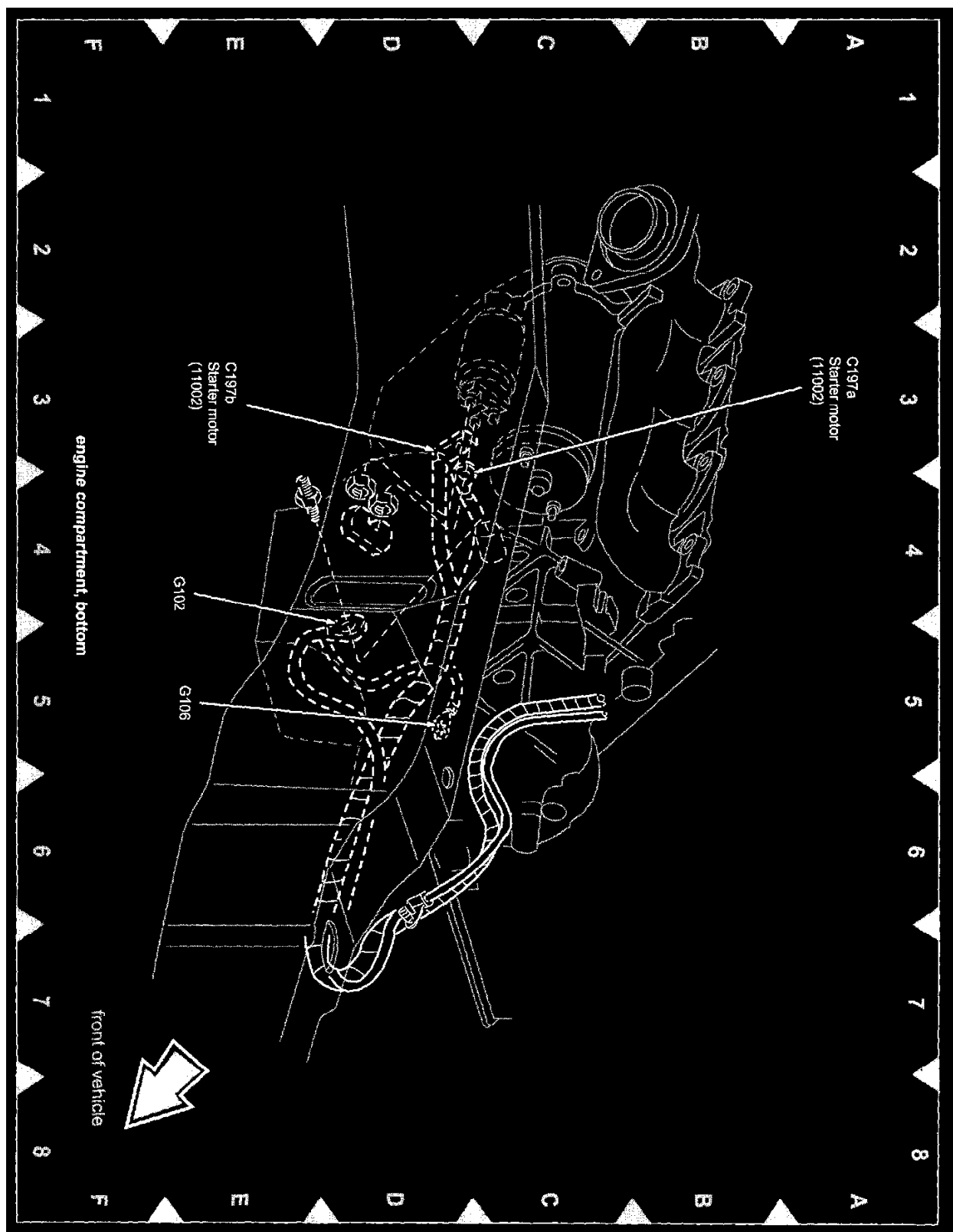
View 151-11



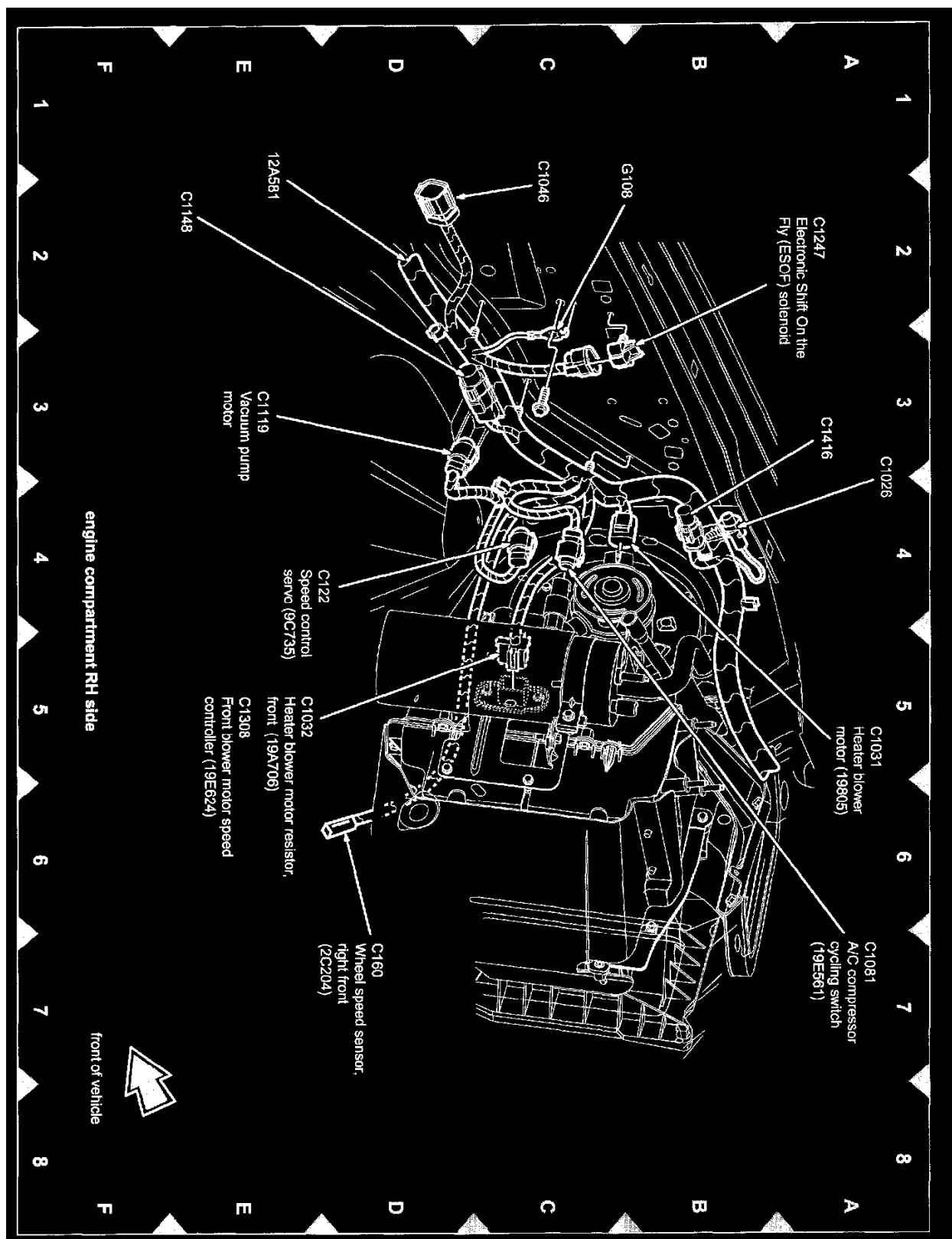
View 151-12



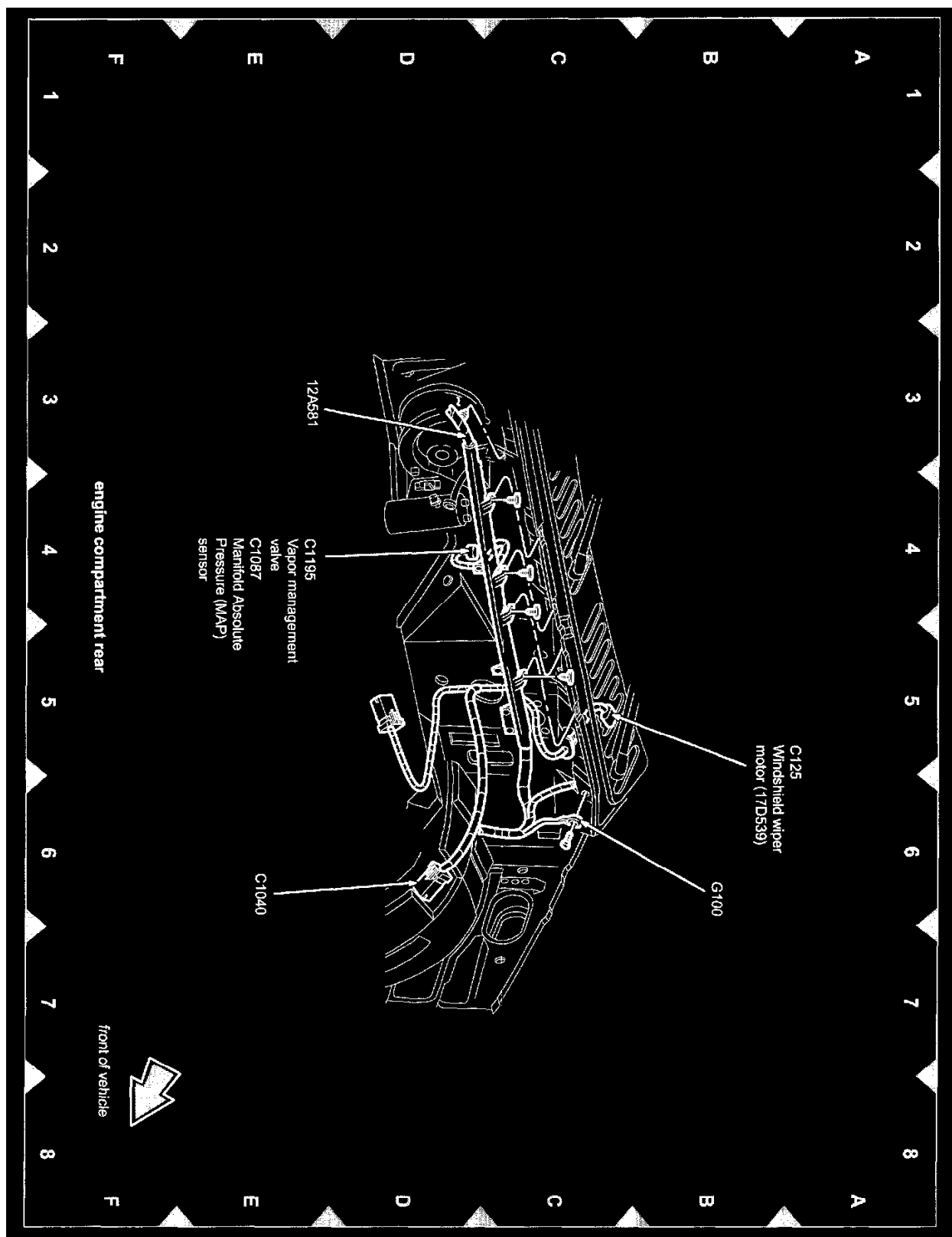
View 151-13



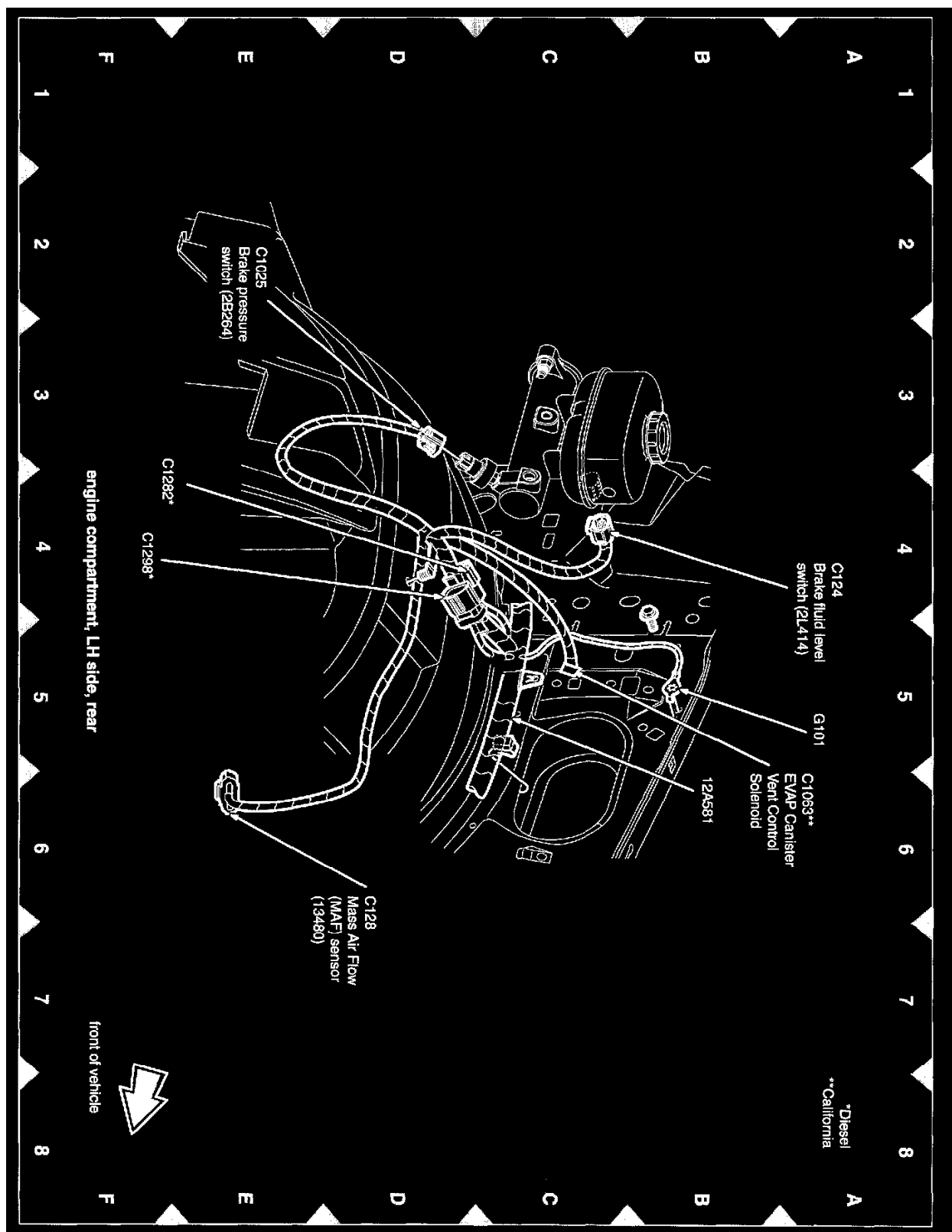
View 151-14



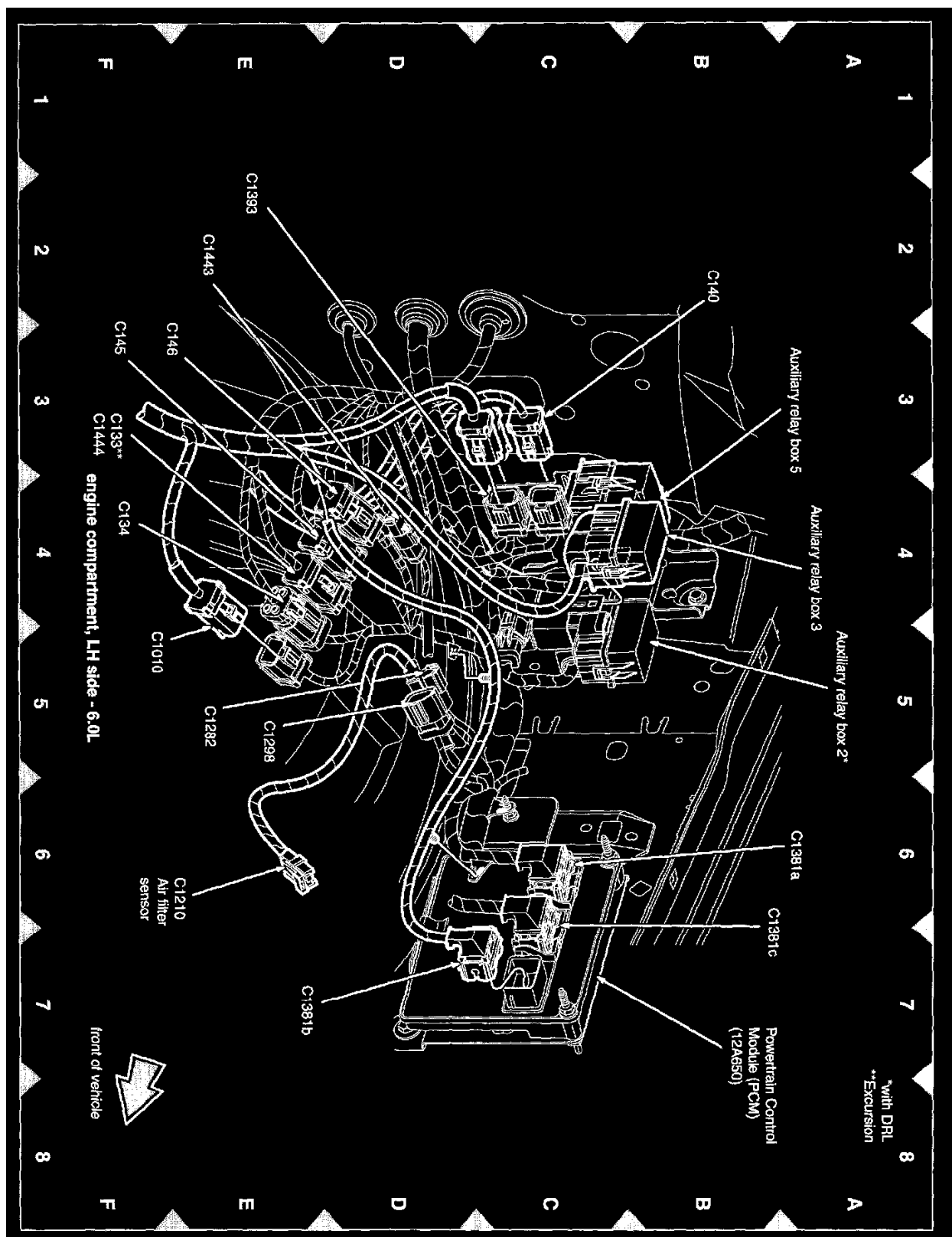
View 151-15



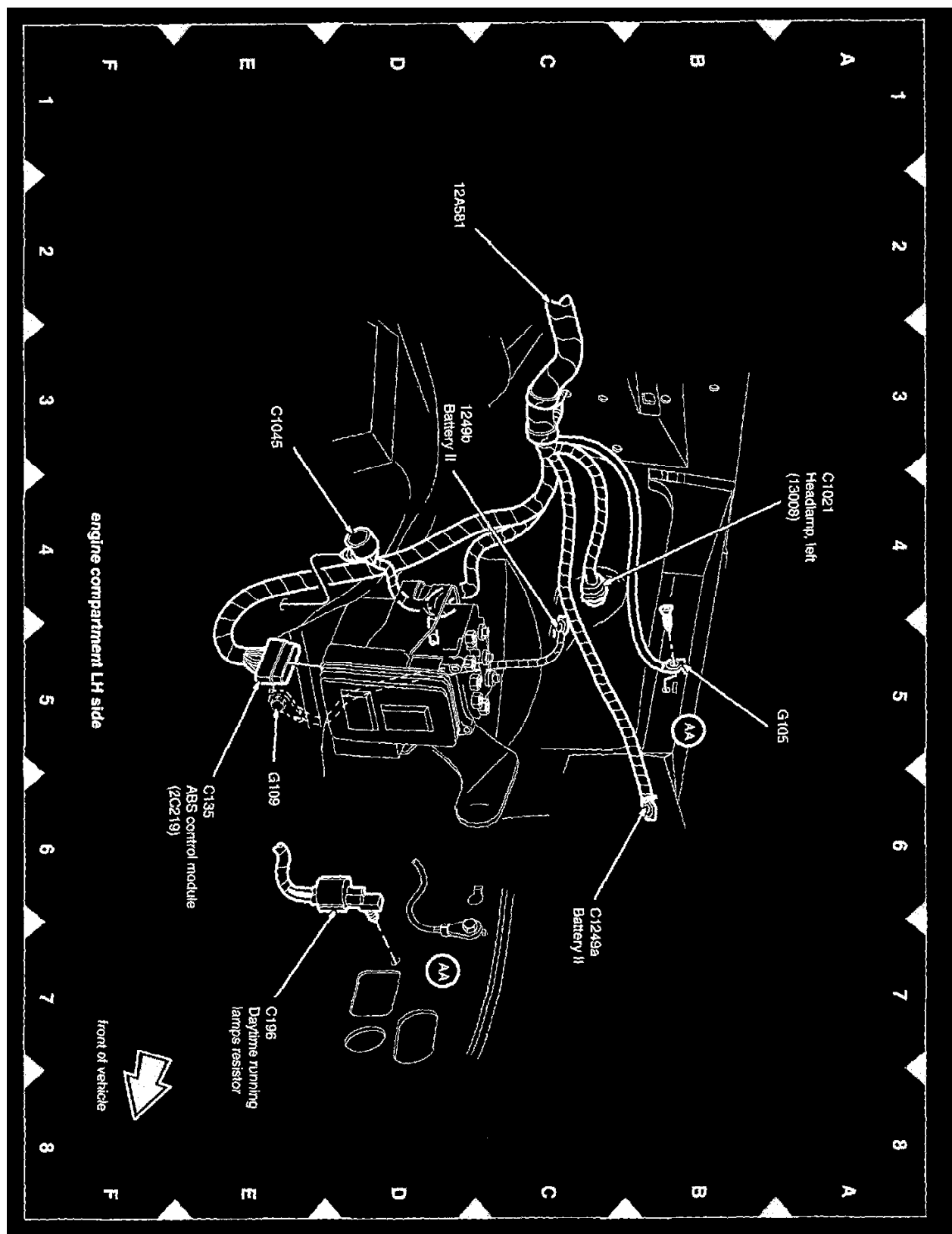
View 151-17



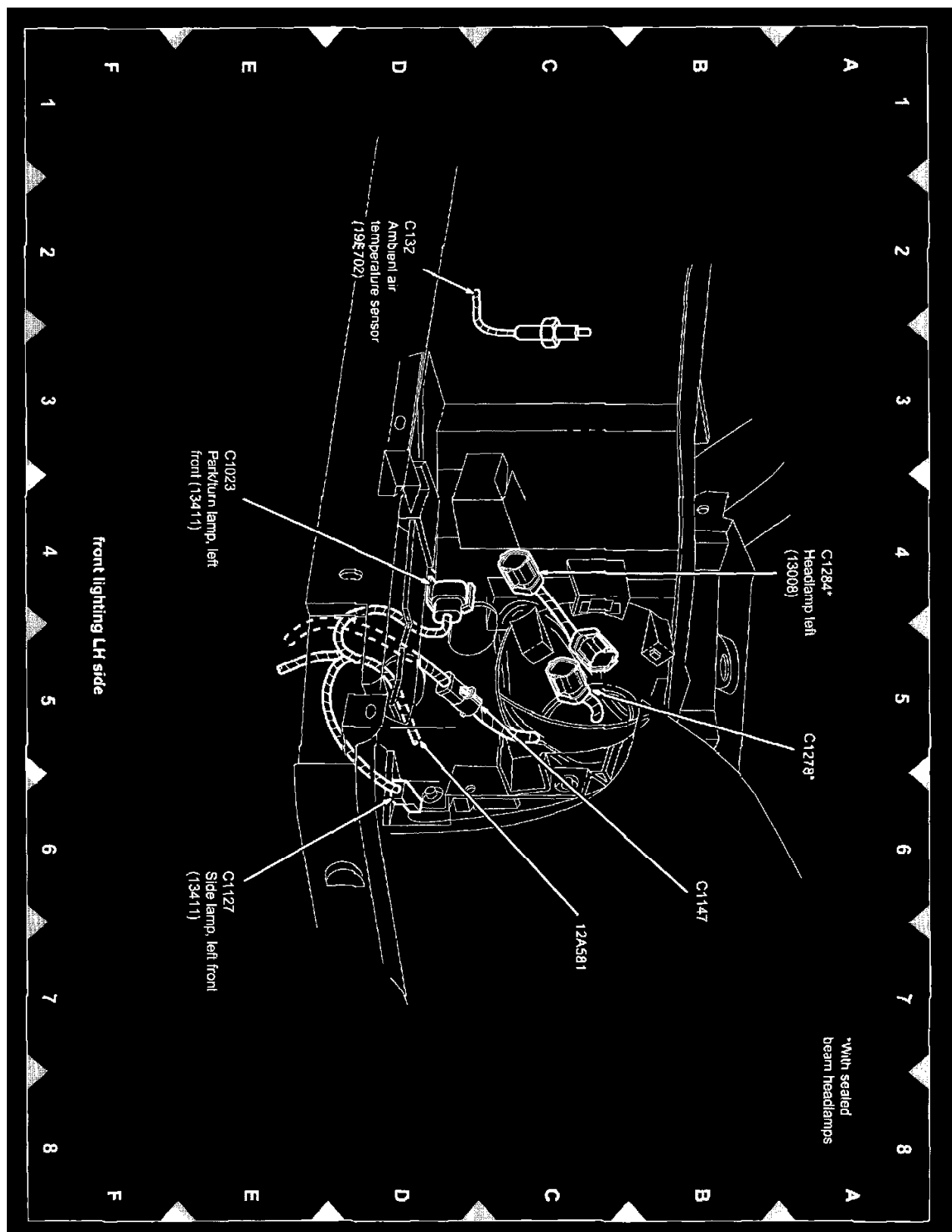
View 151-18



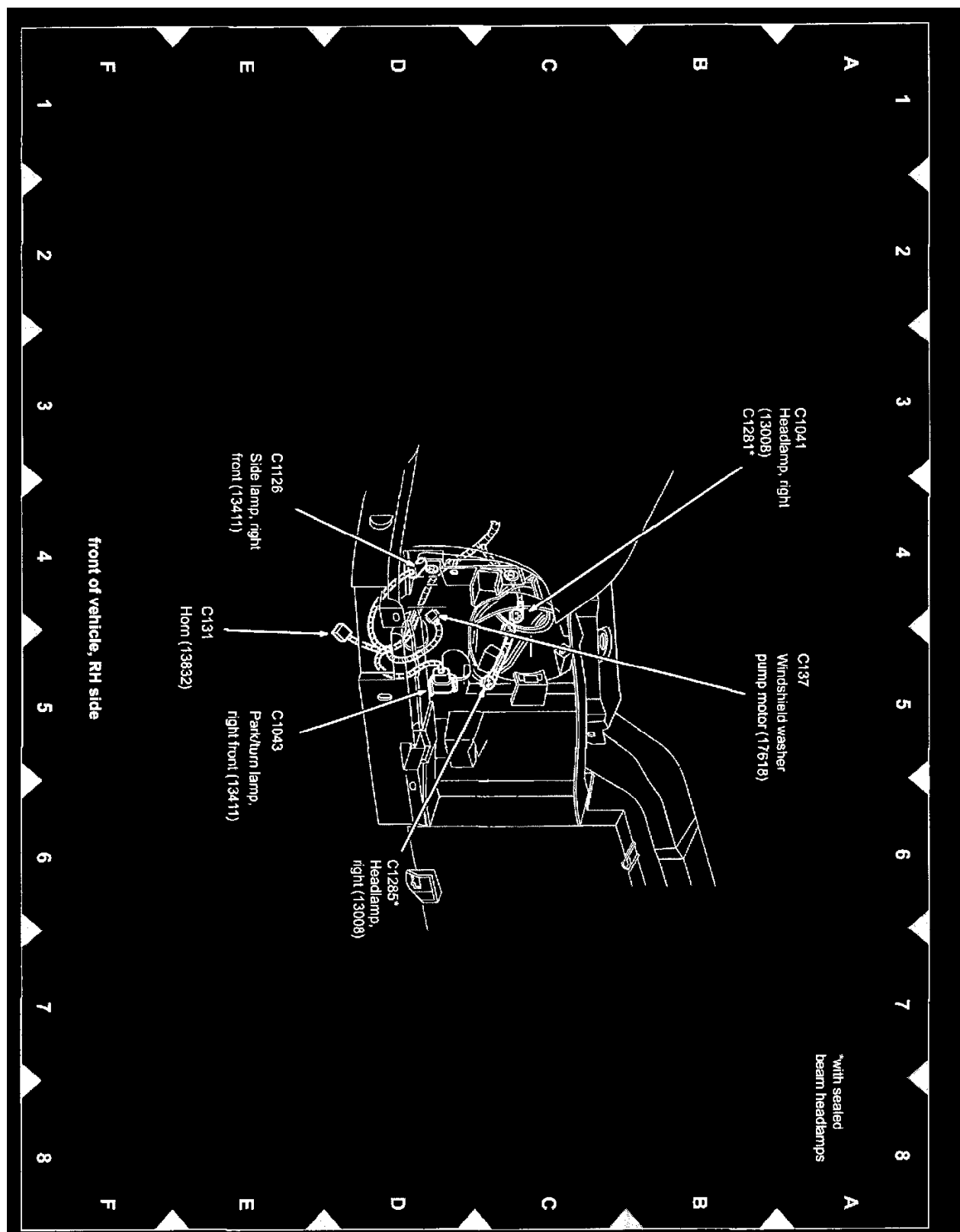
View 151-20



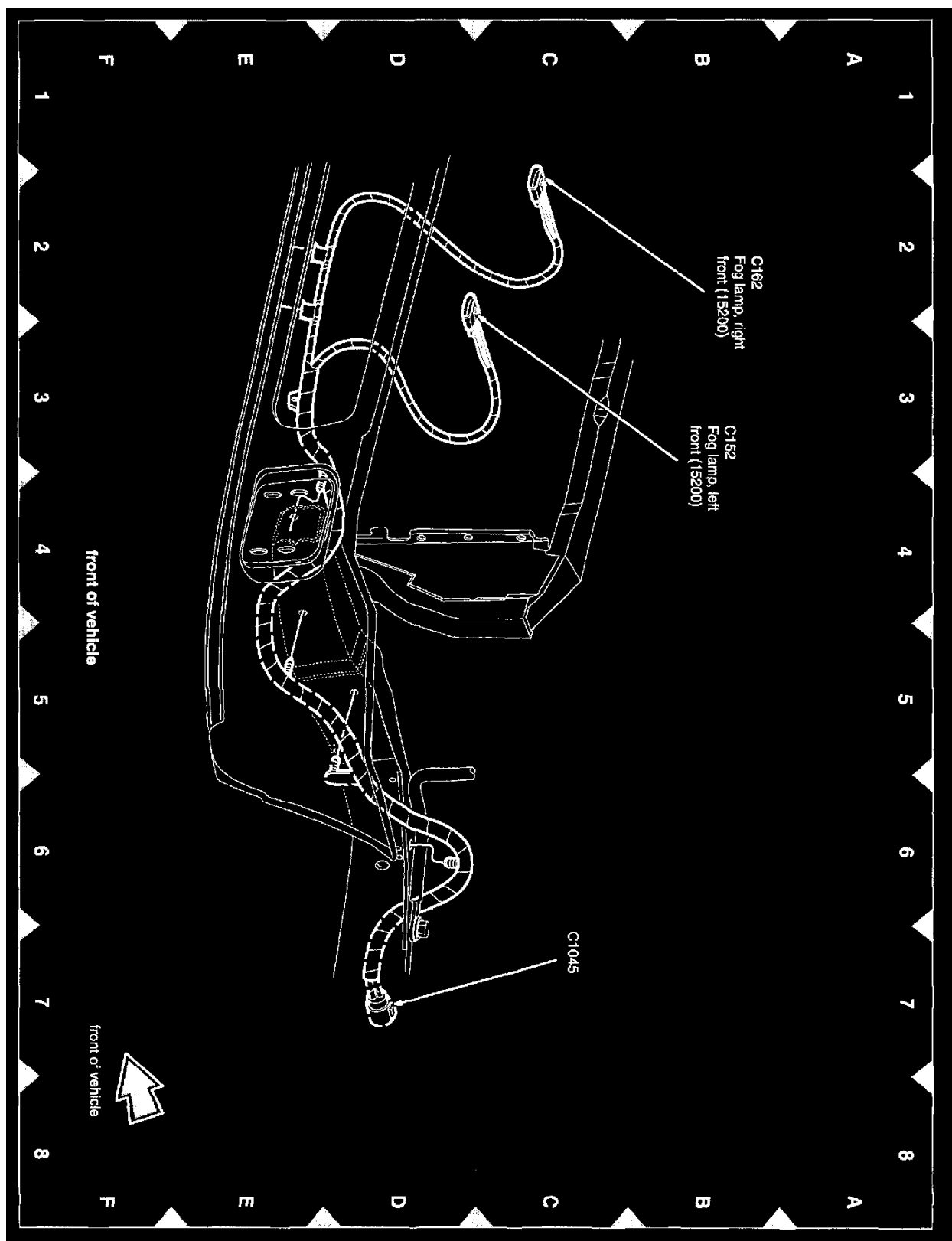
View 151-21



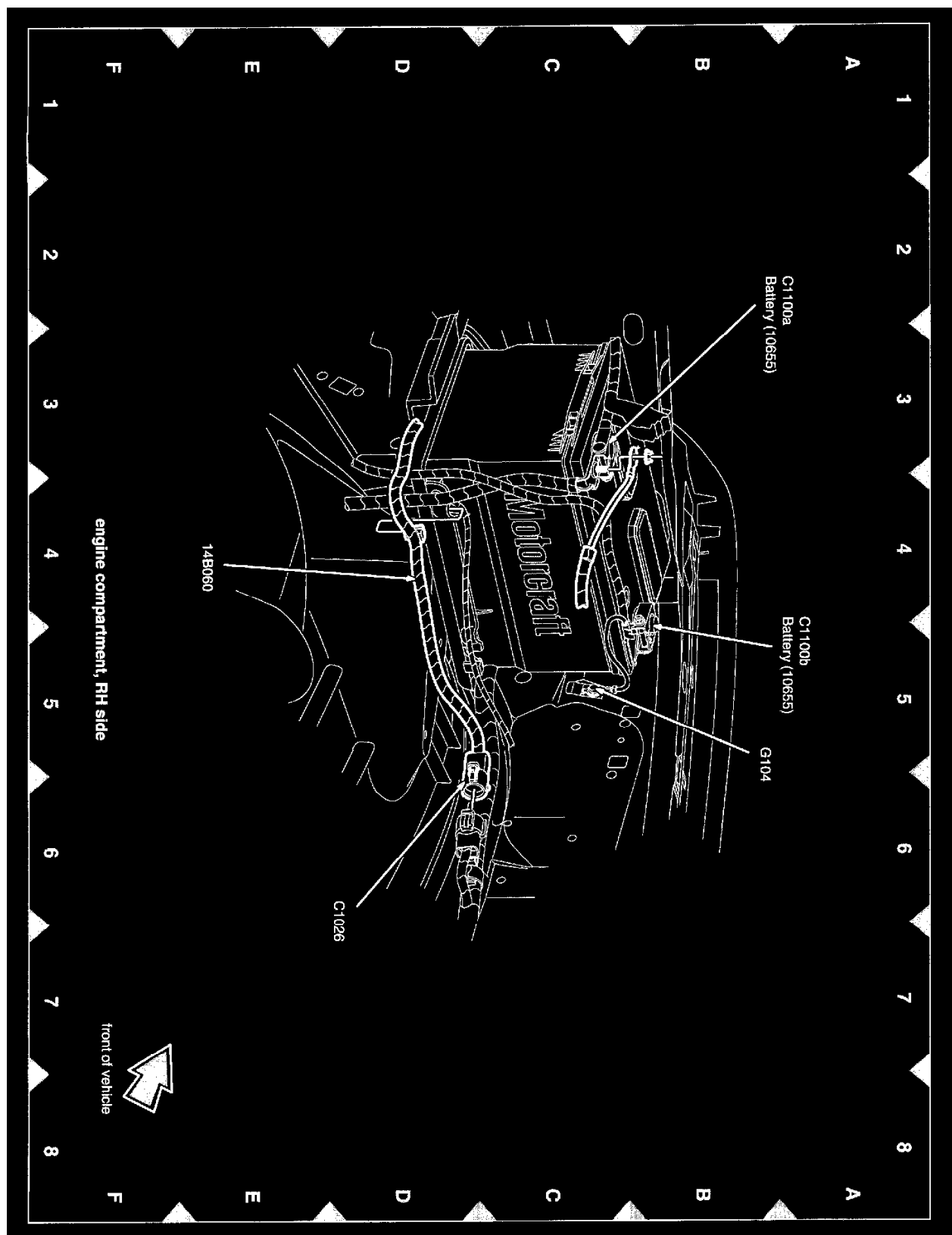
View 151-22



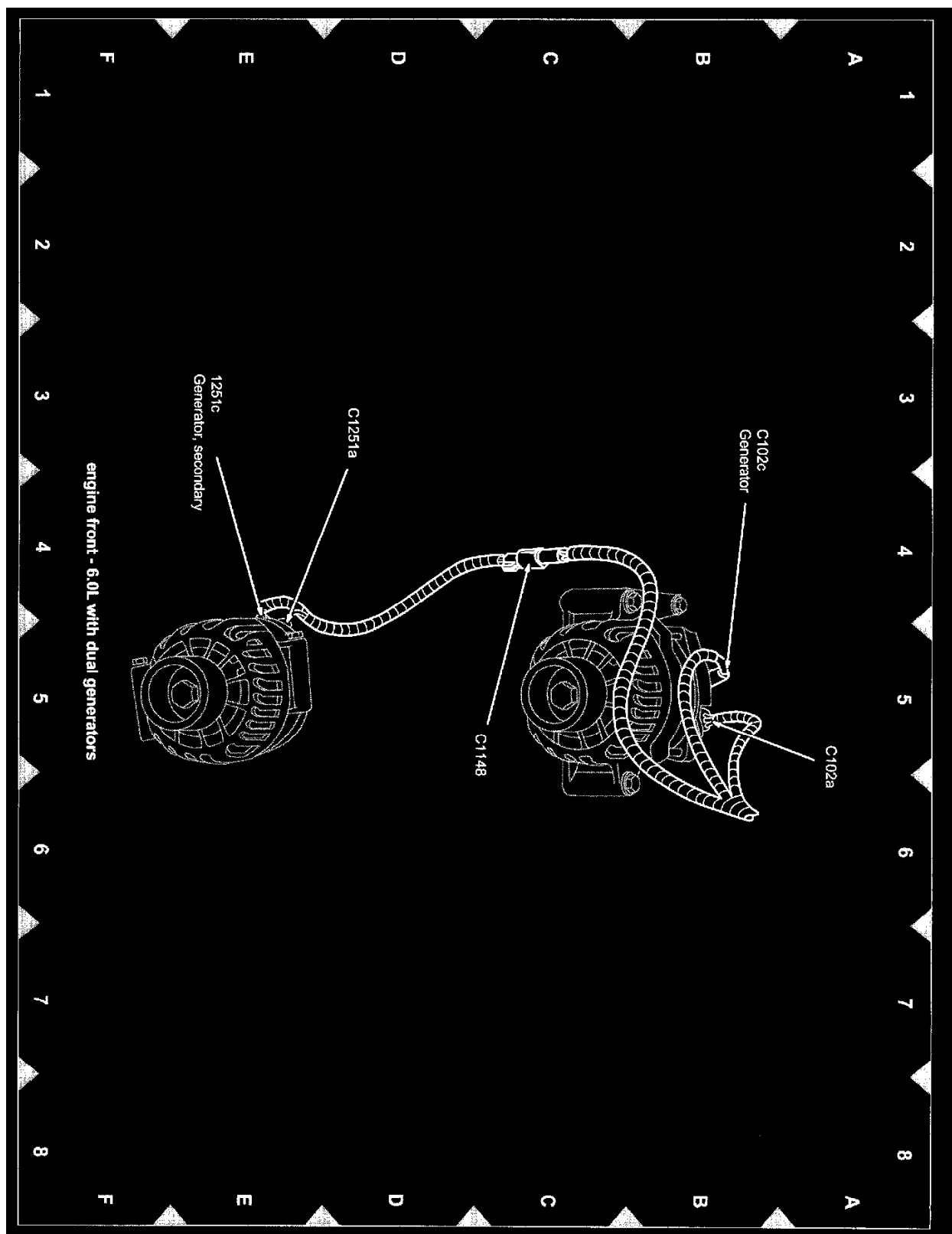
View 151-23



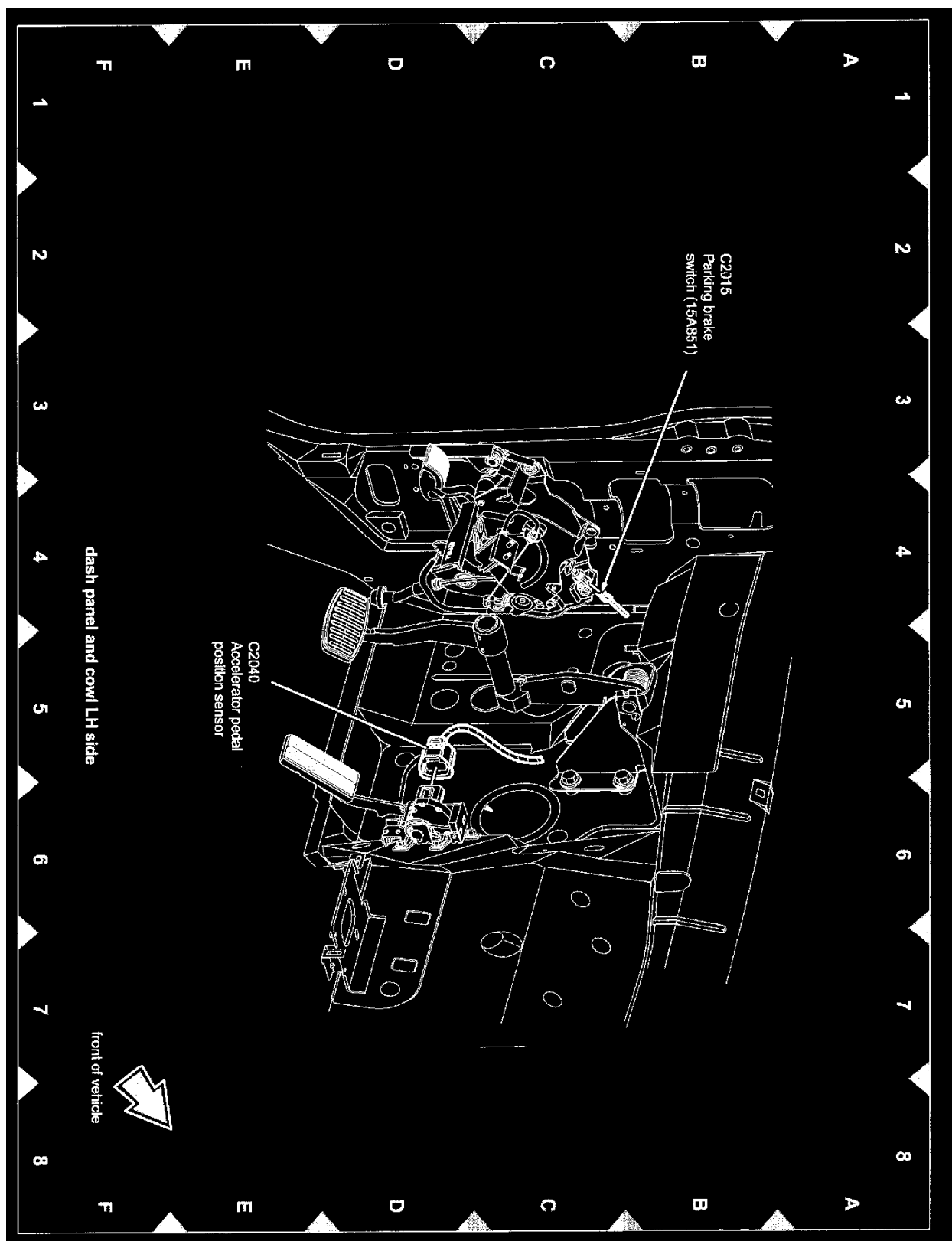
View 151-24



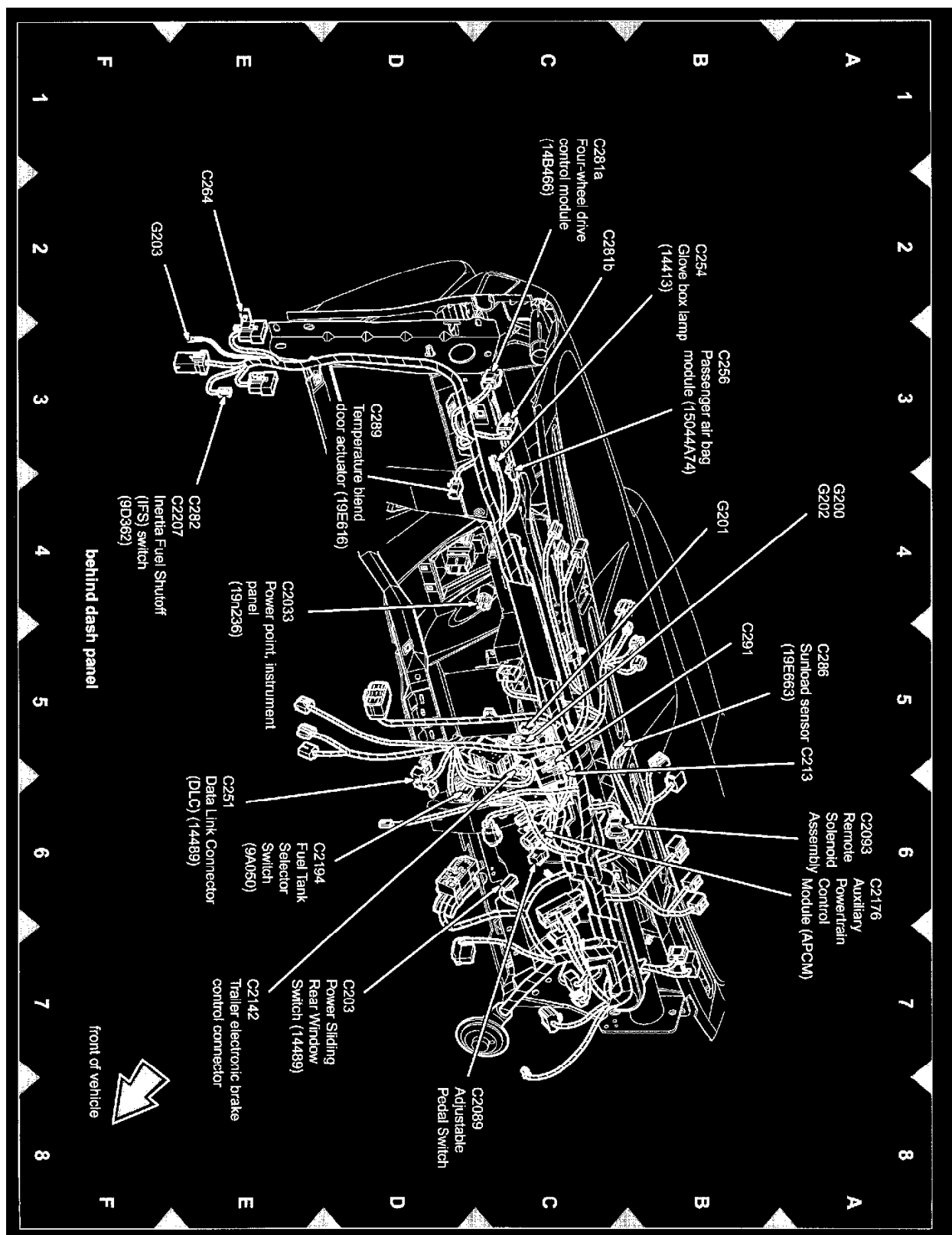
View 151-25



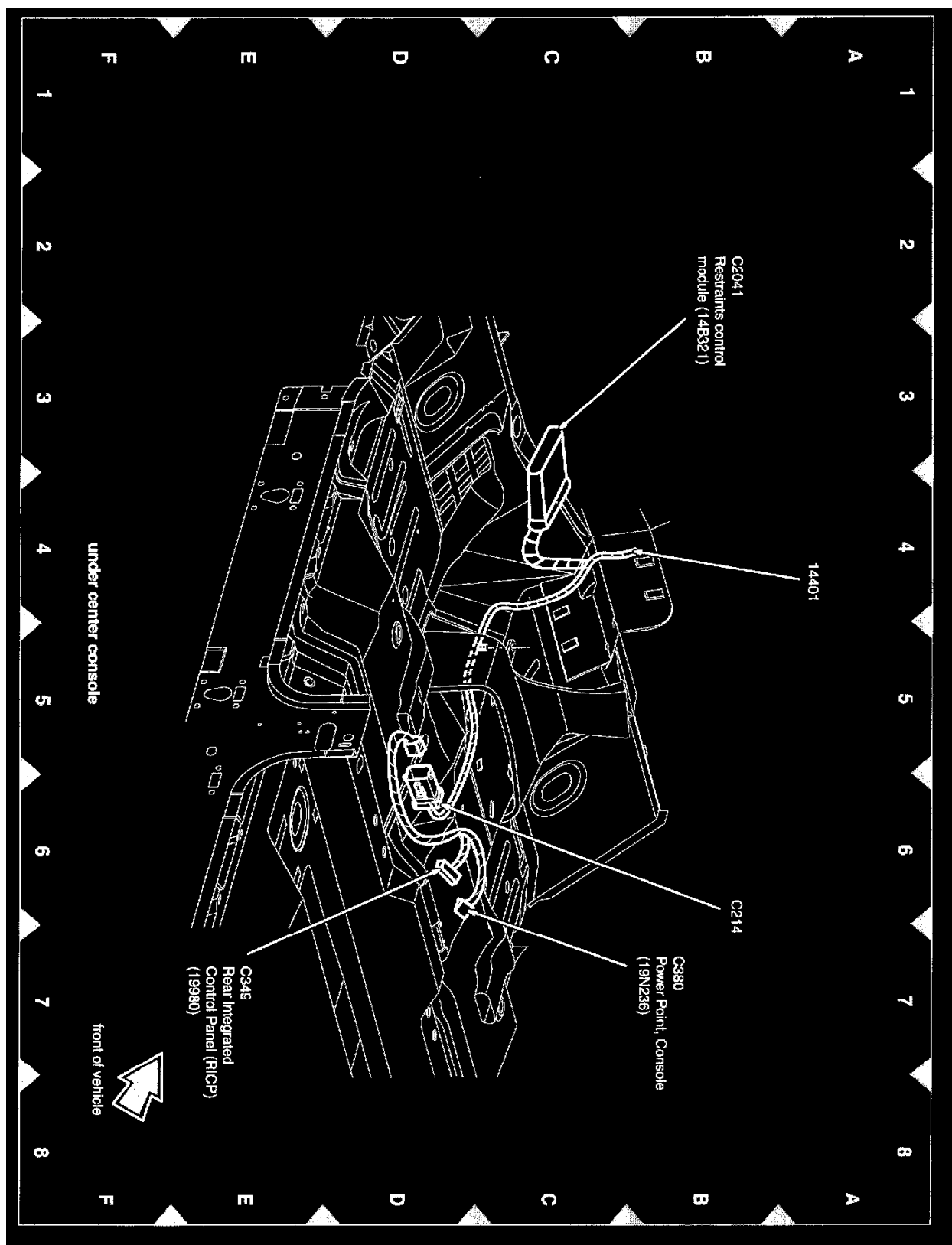
View 151-26



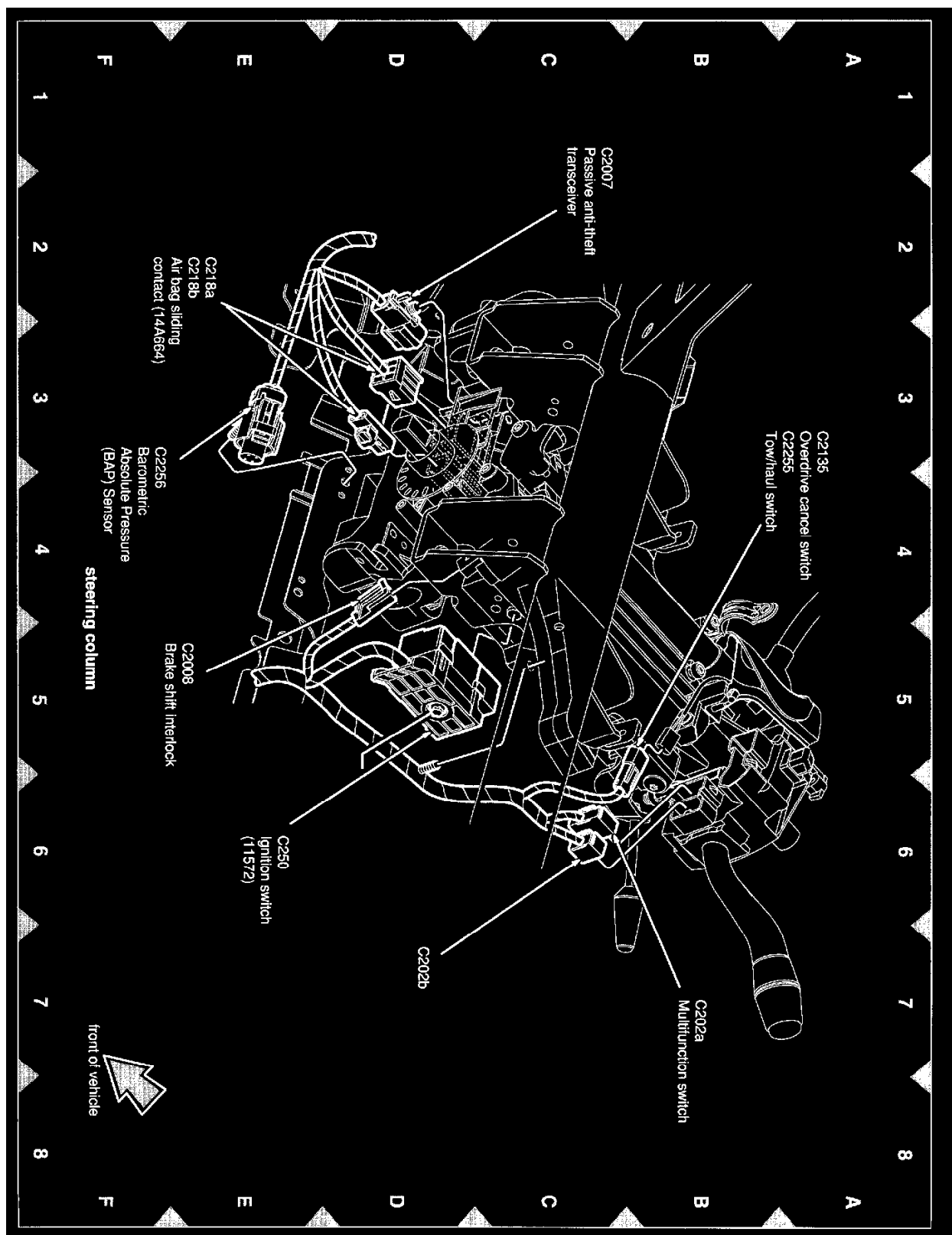
View 151-27



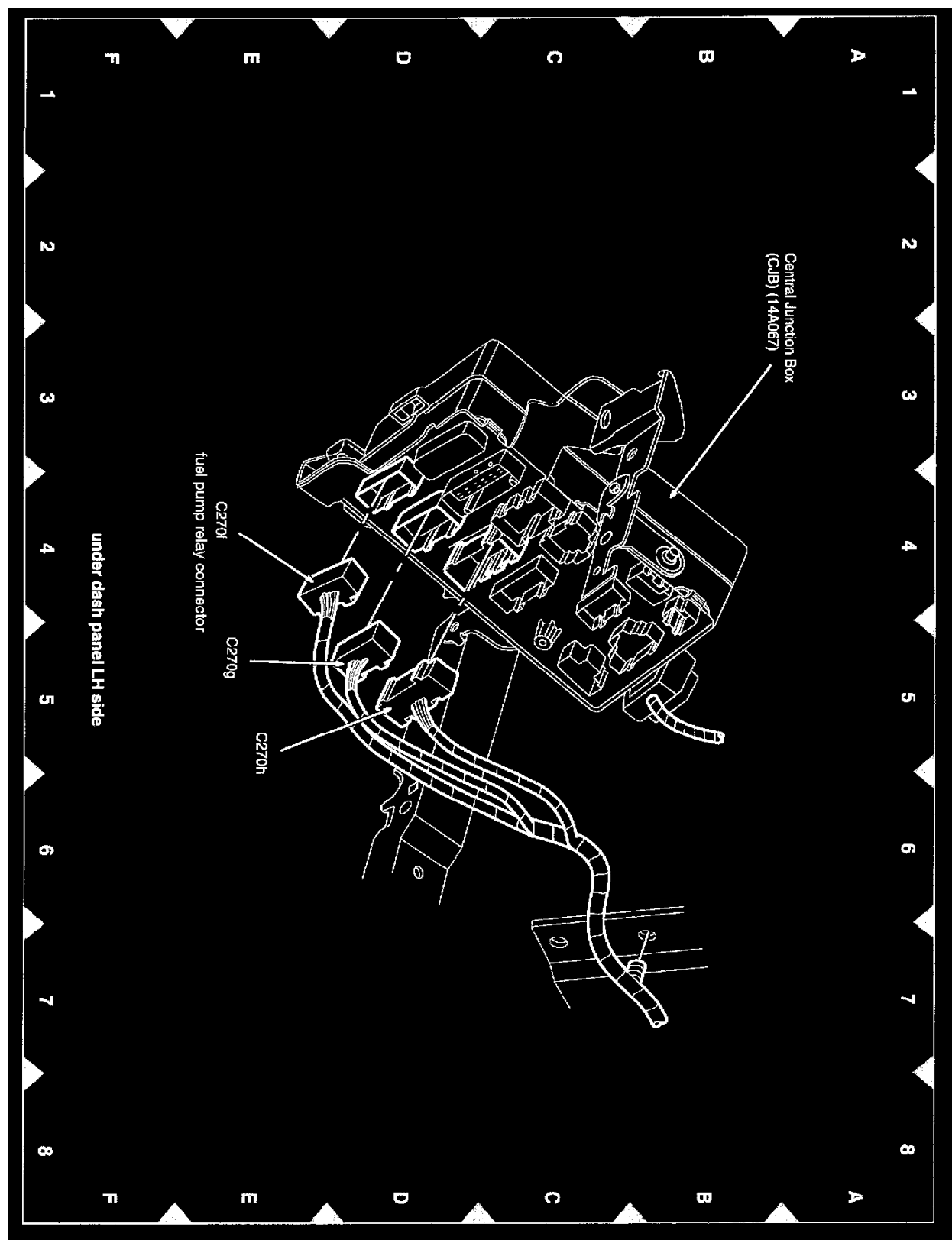
View 151-28



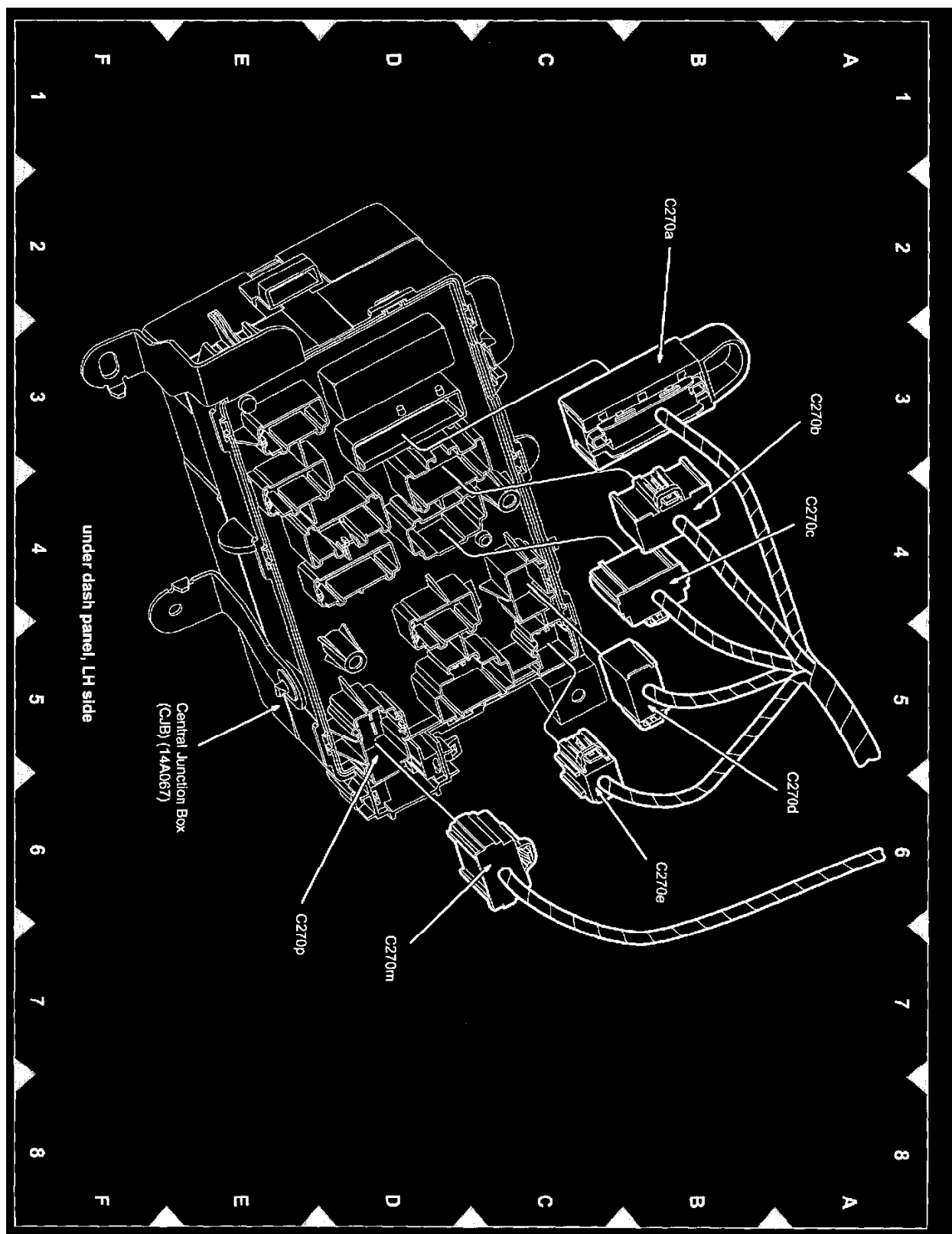
View 151-29



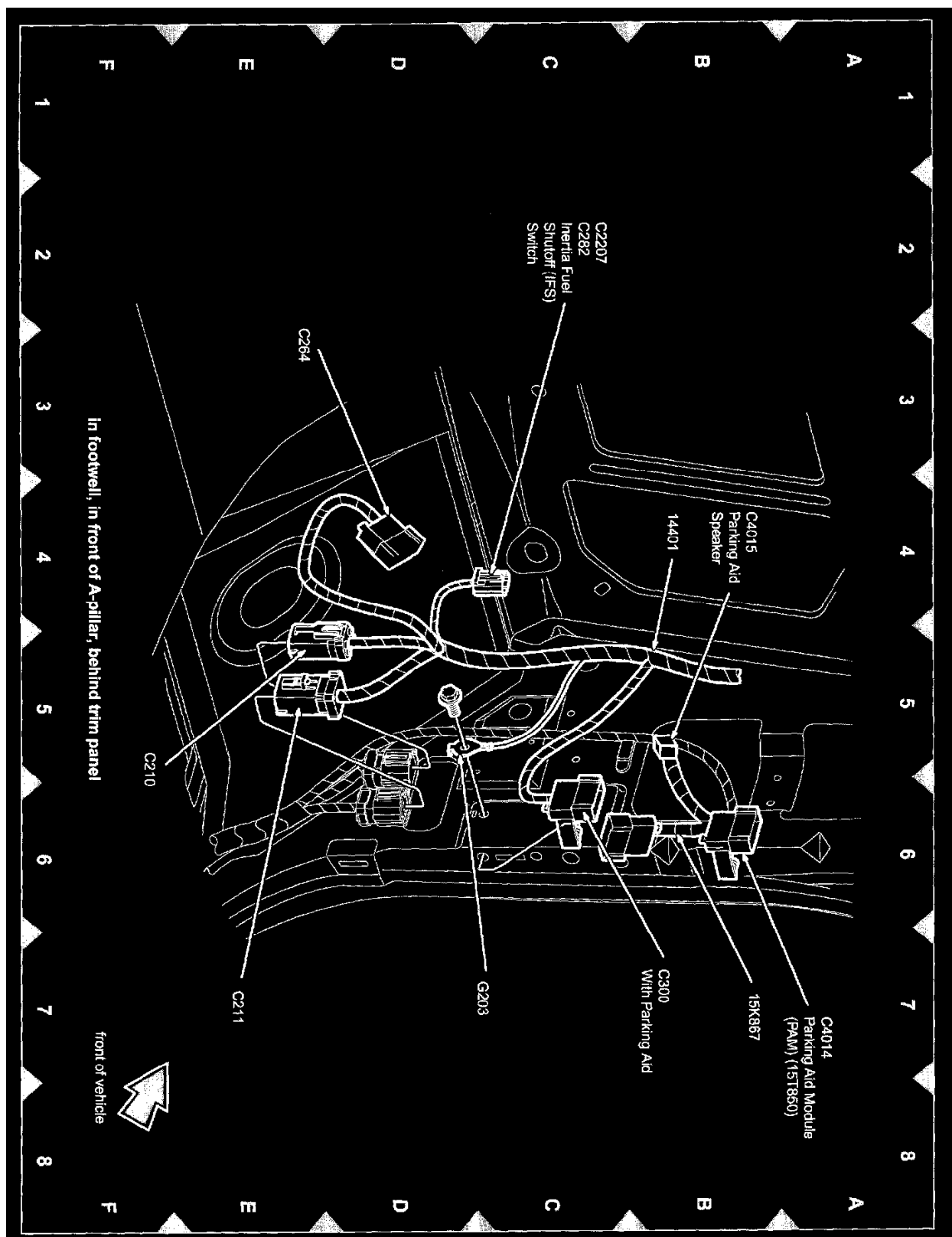
View 151-30



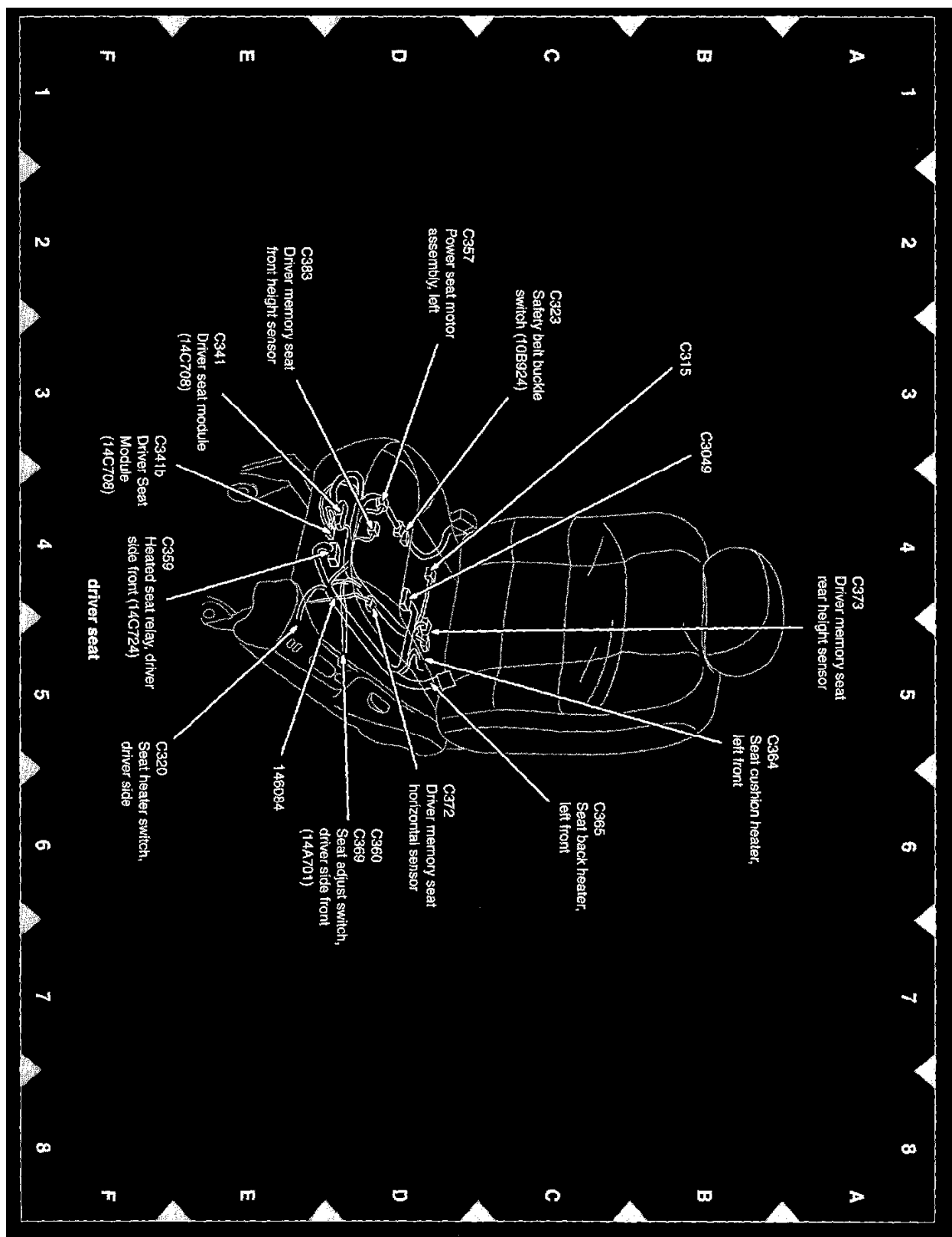
View 151-31



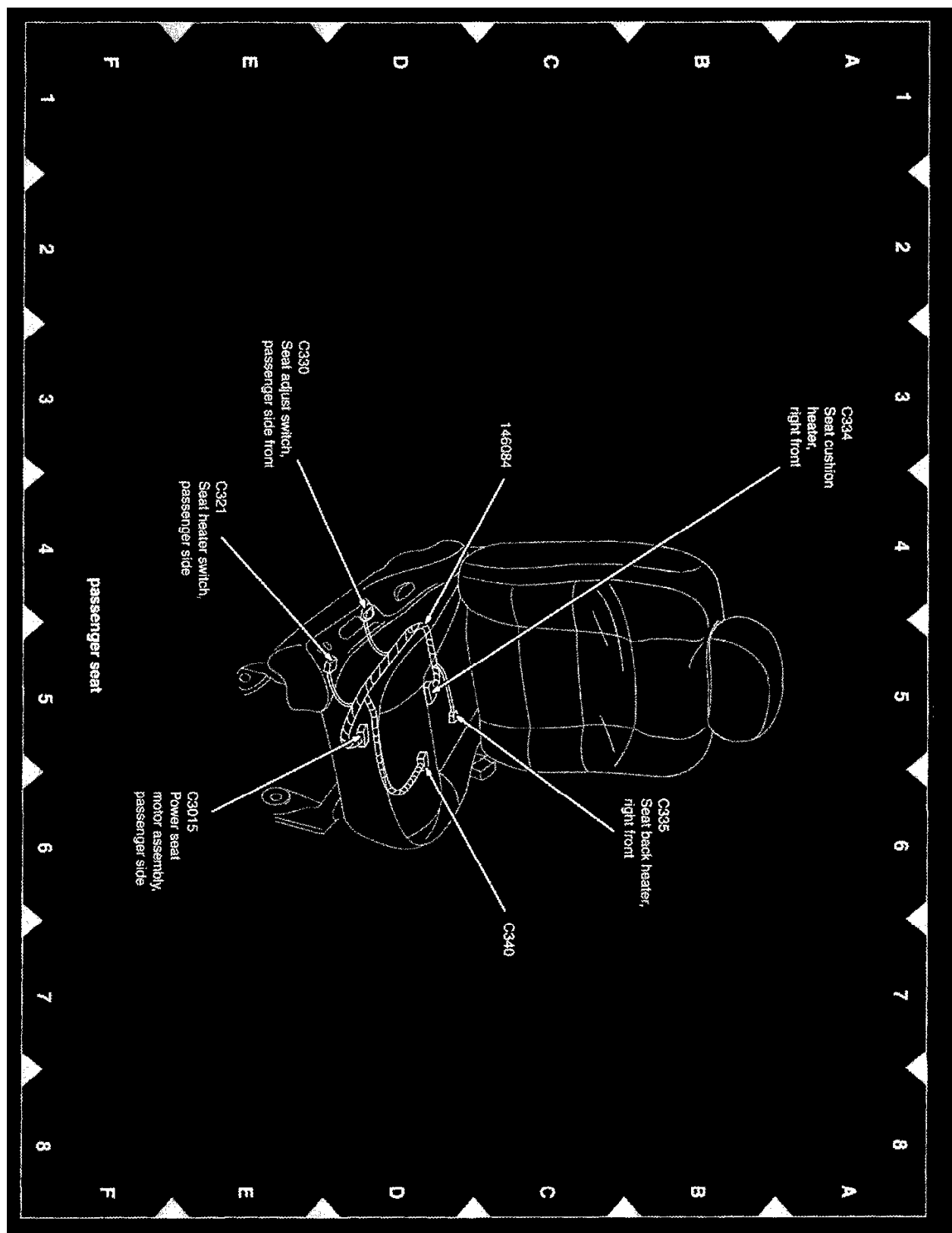
View 151-32



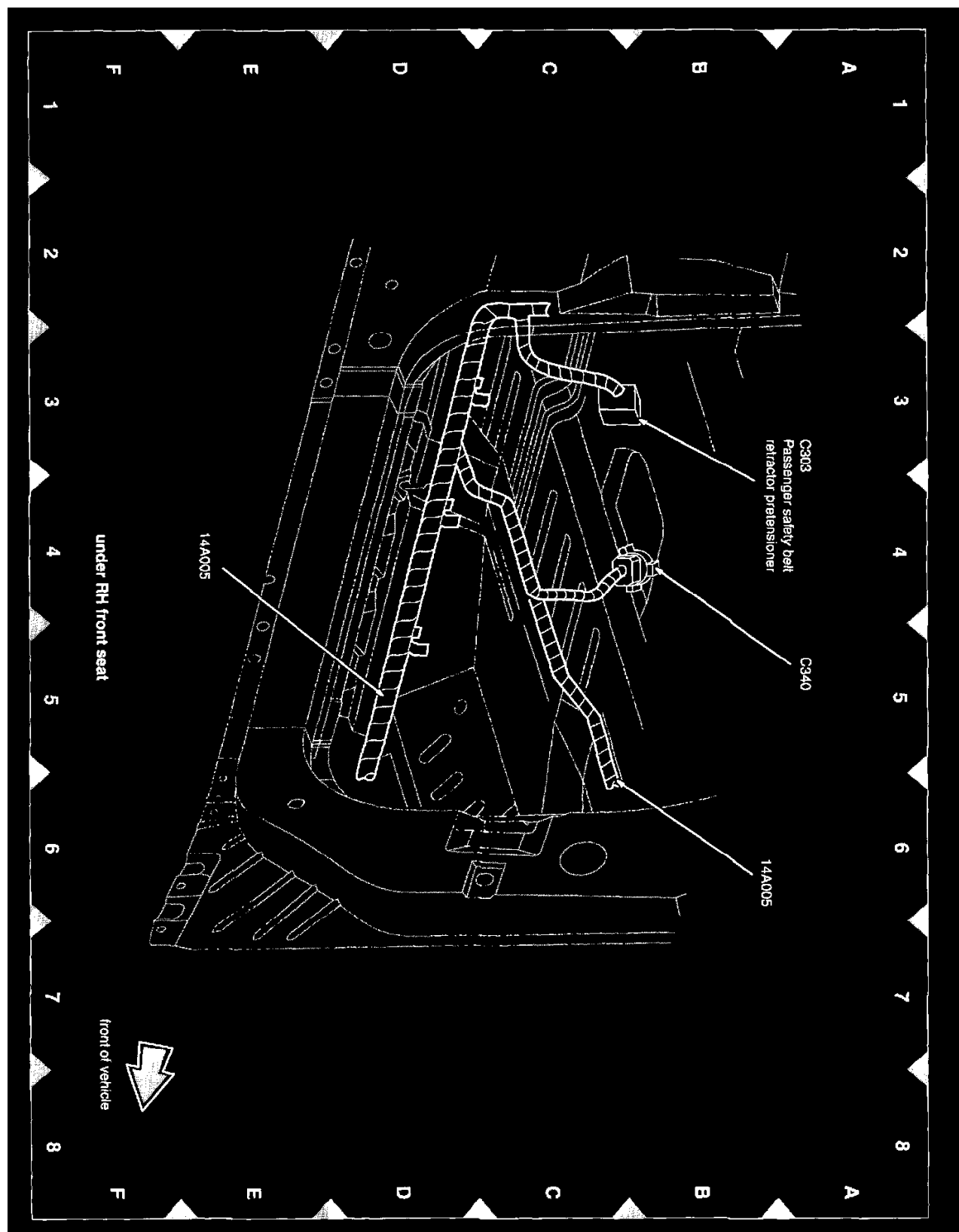
View 151-33



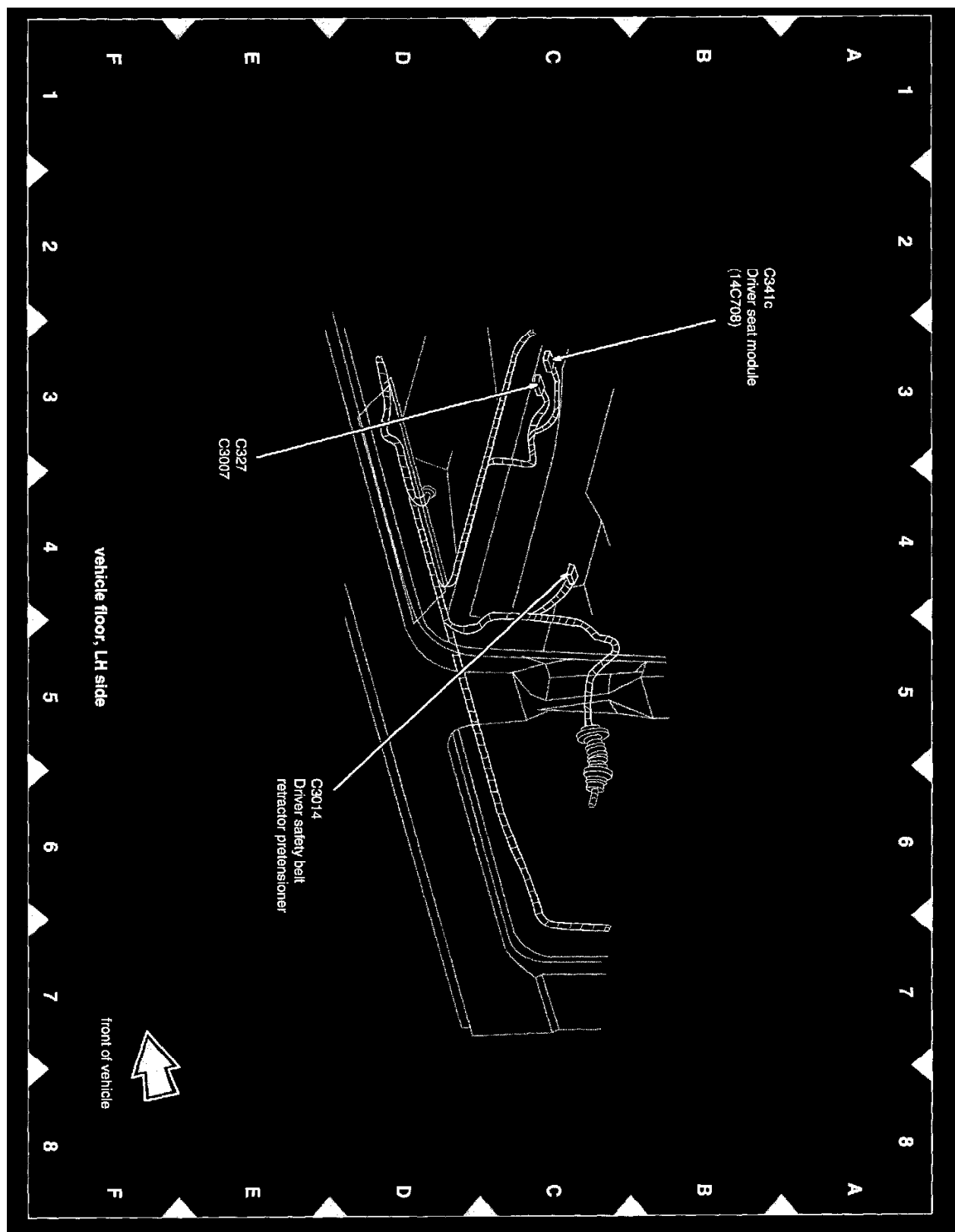
View 151-34



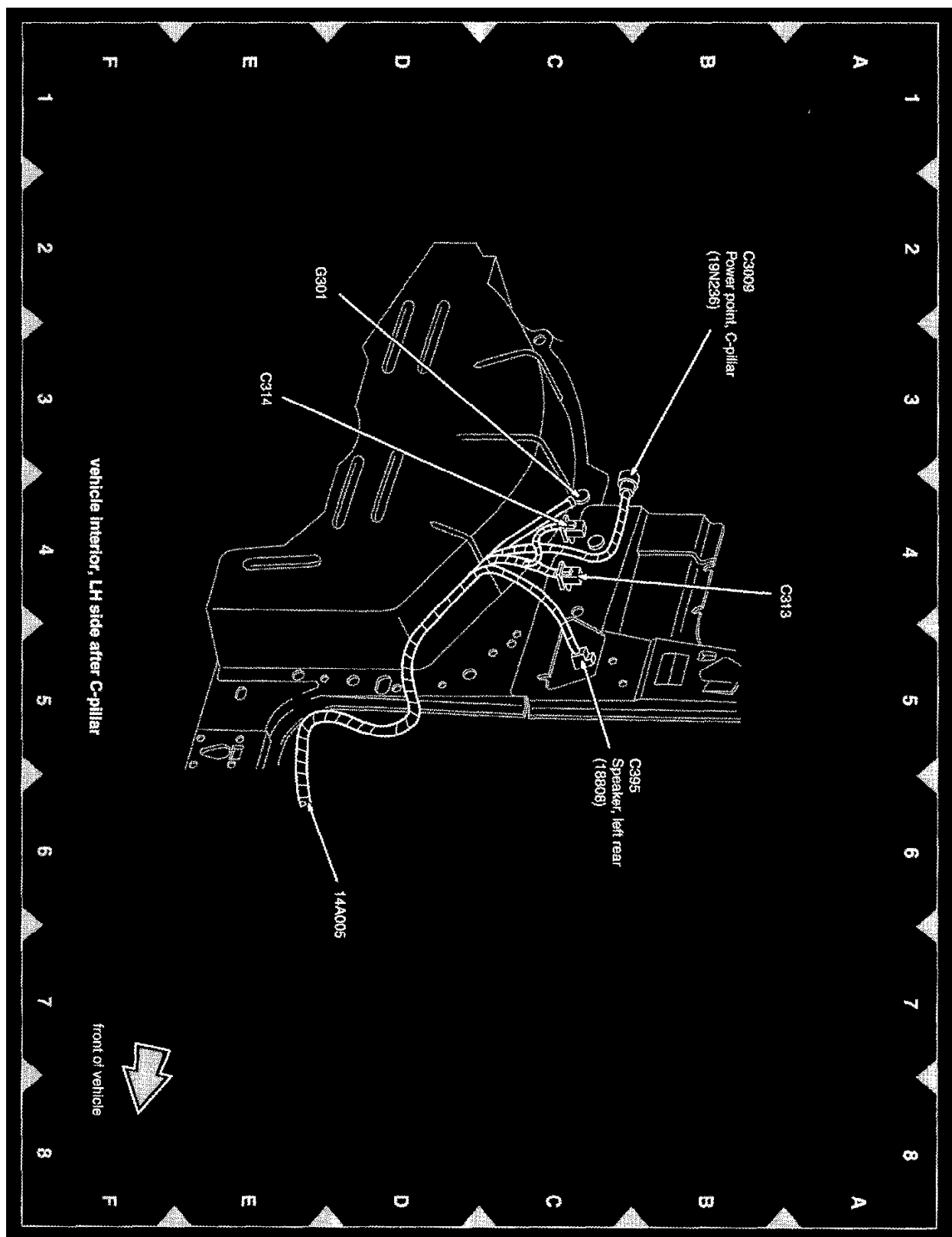
View 151-35



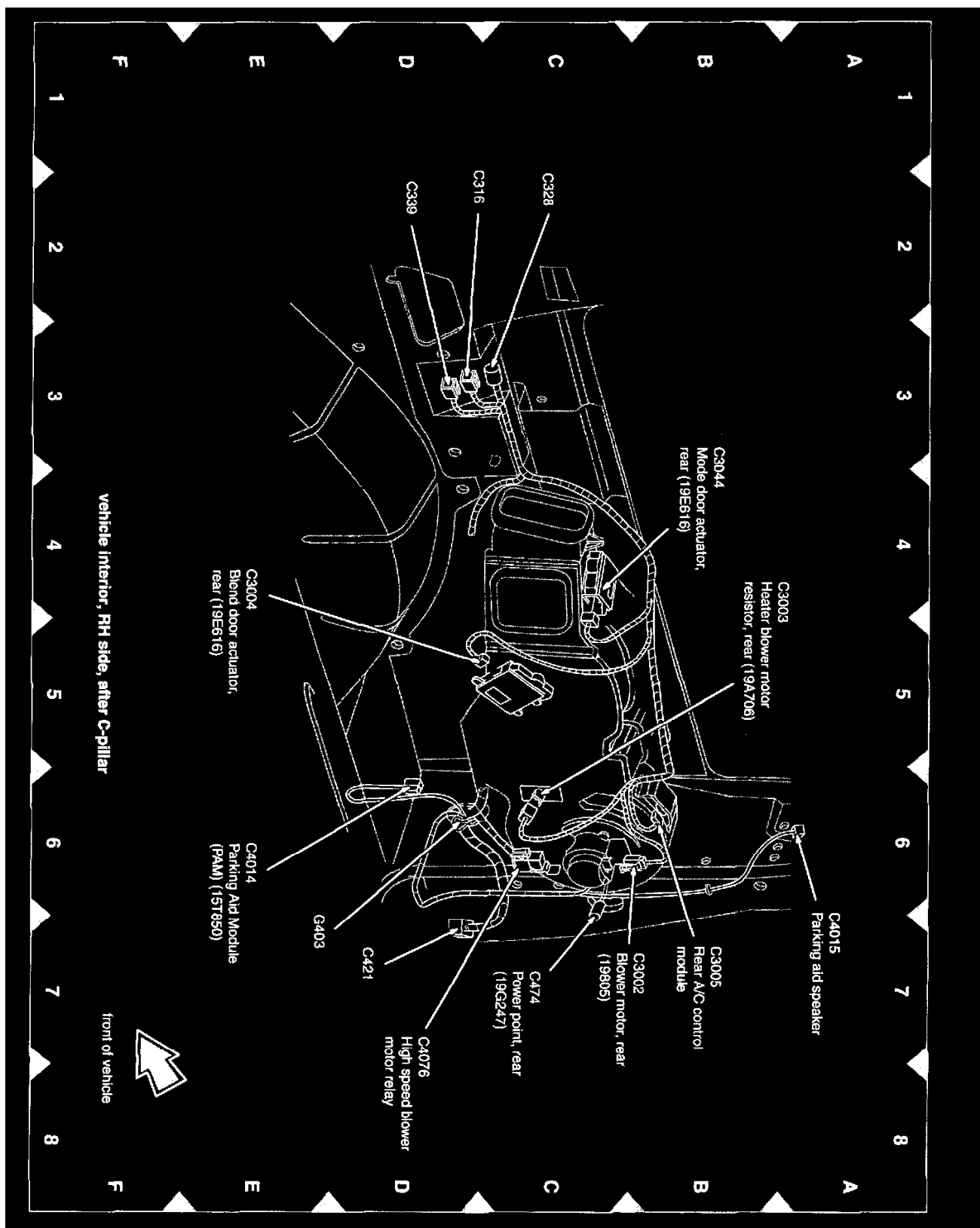
View 151-36



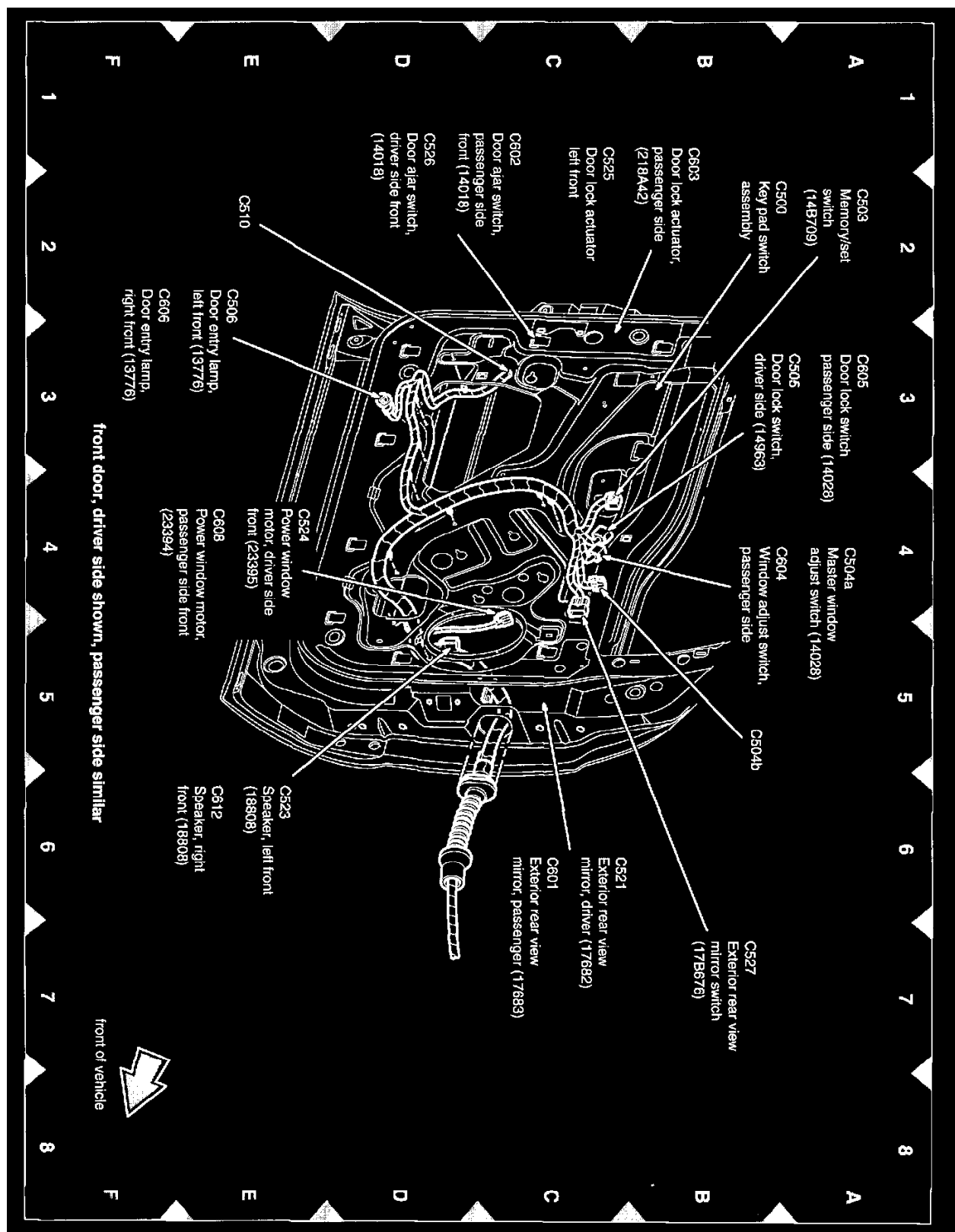
View 151-37



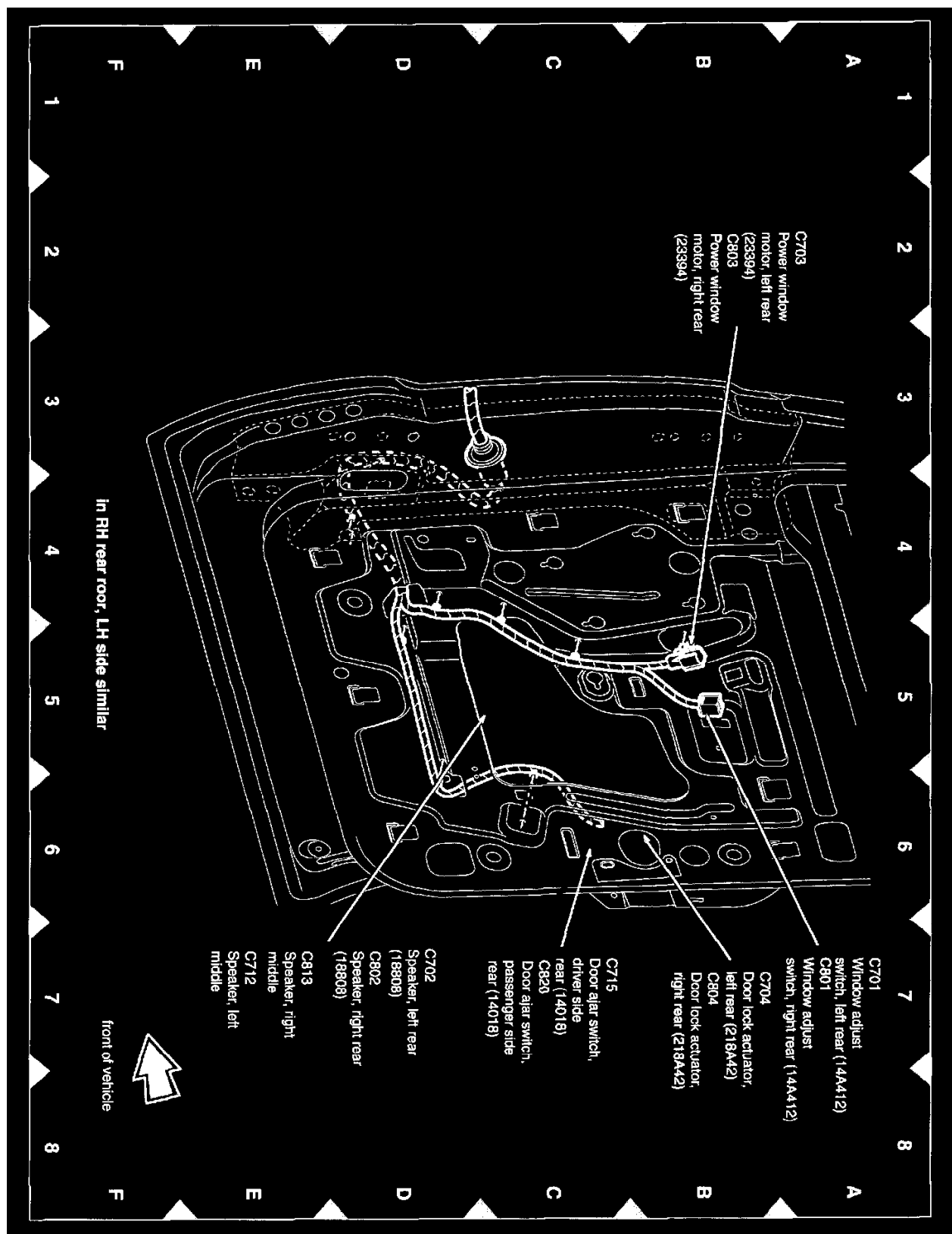
View 151-38



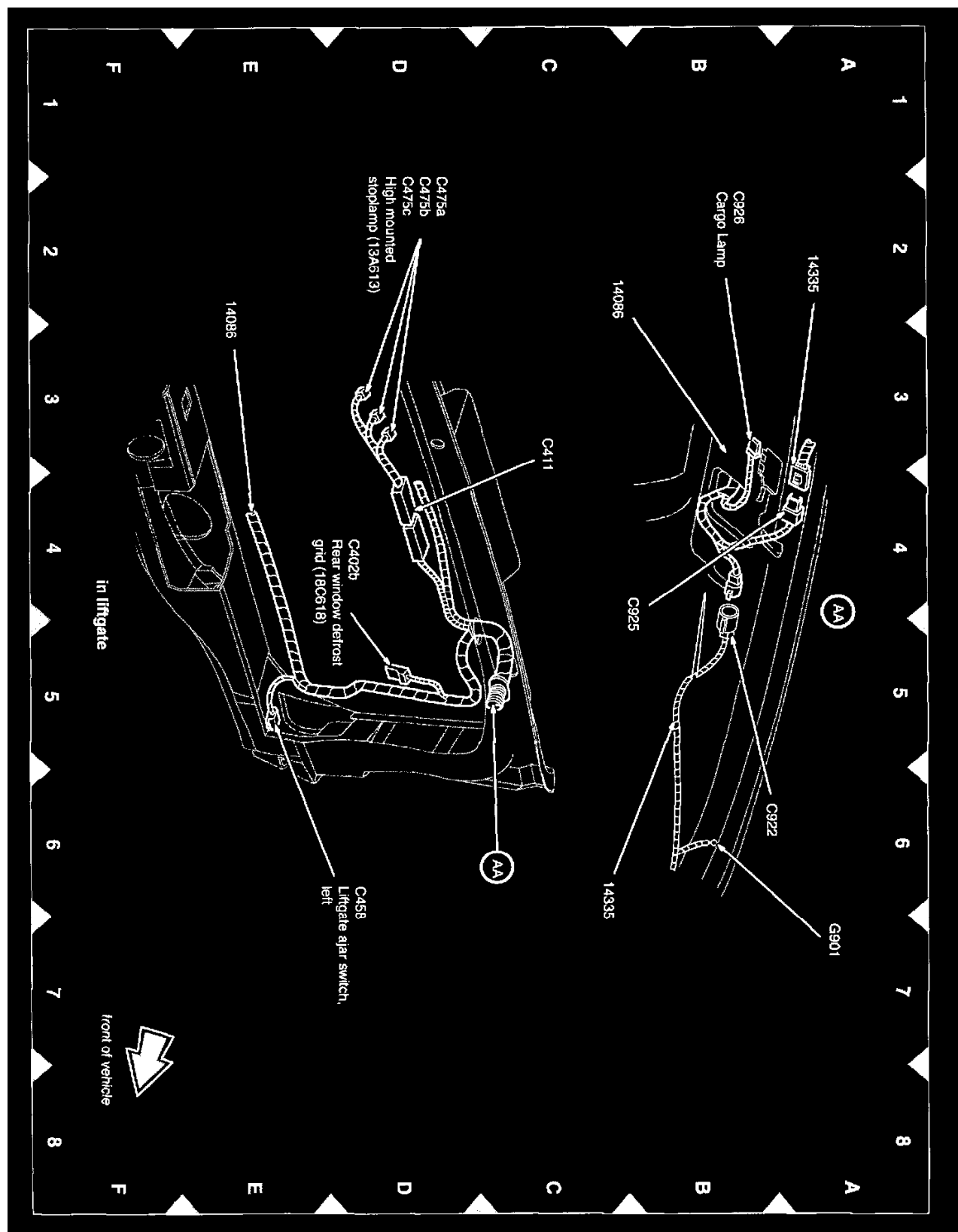
View 151-39



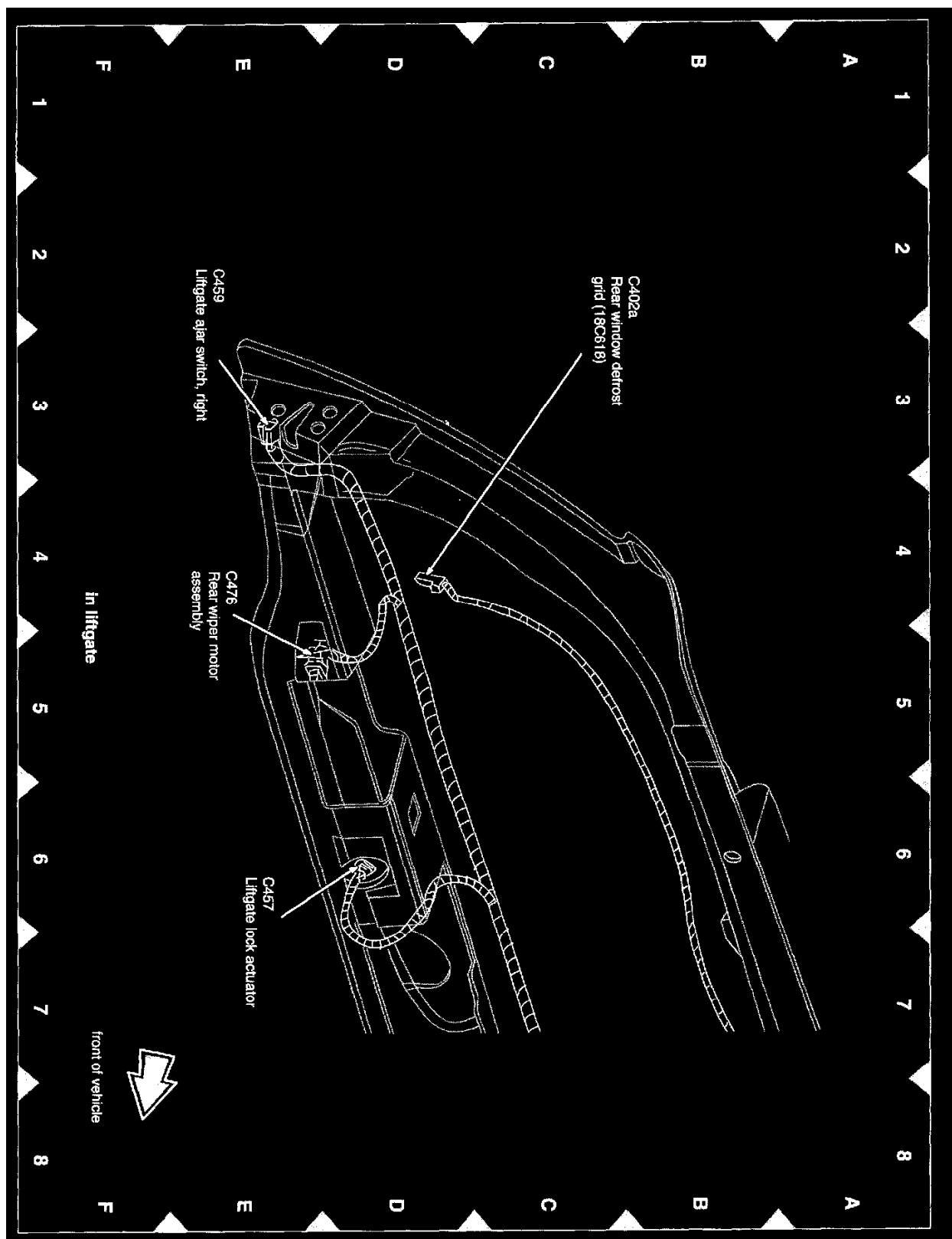
View 151-40



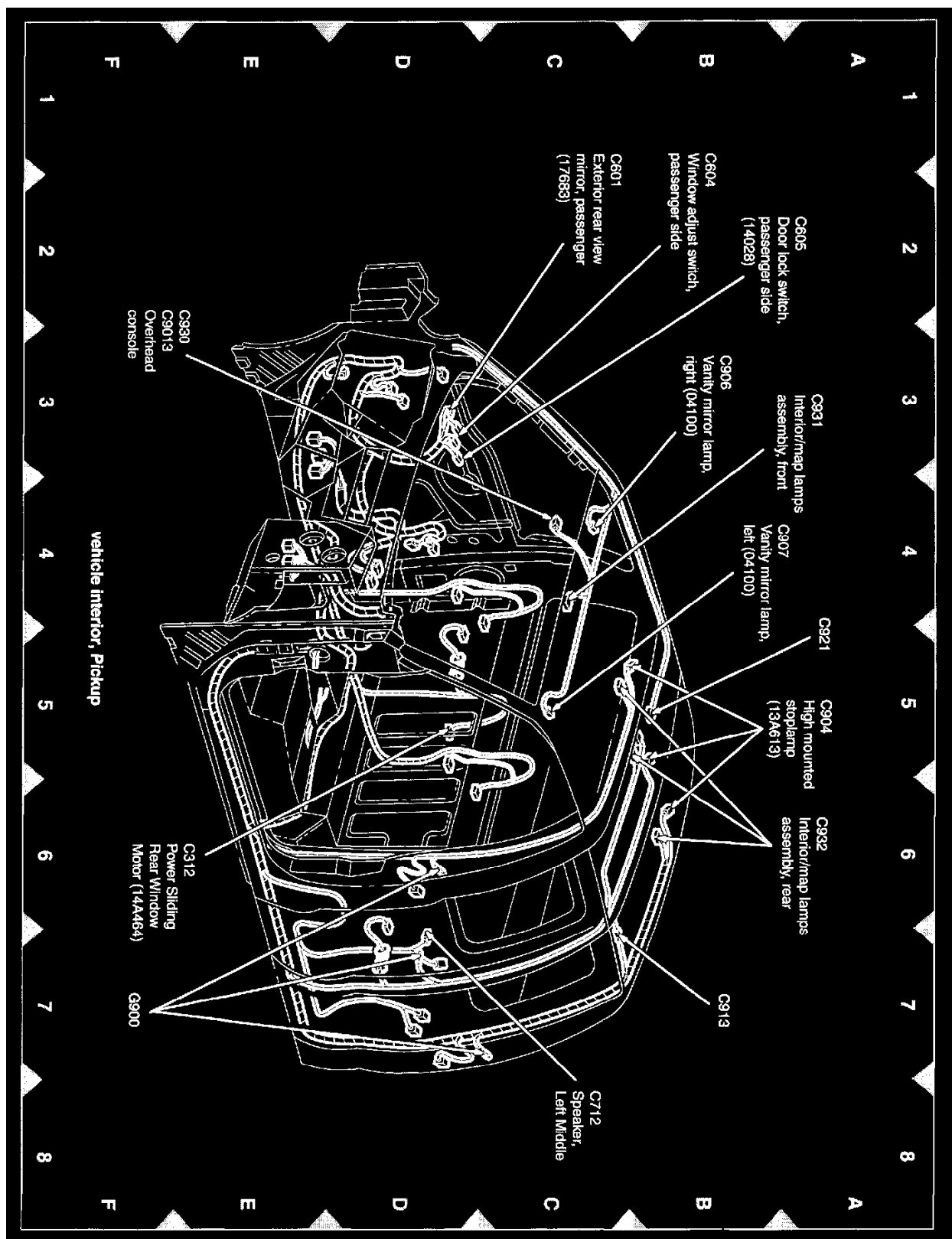
View 151-41



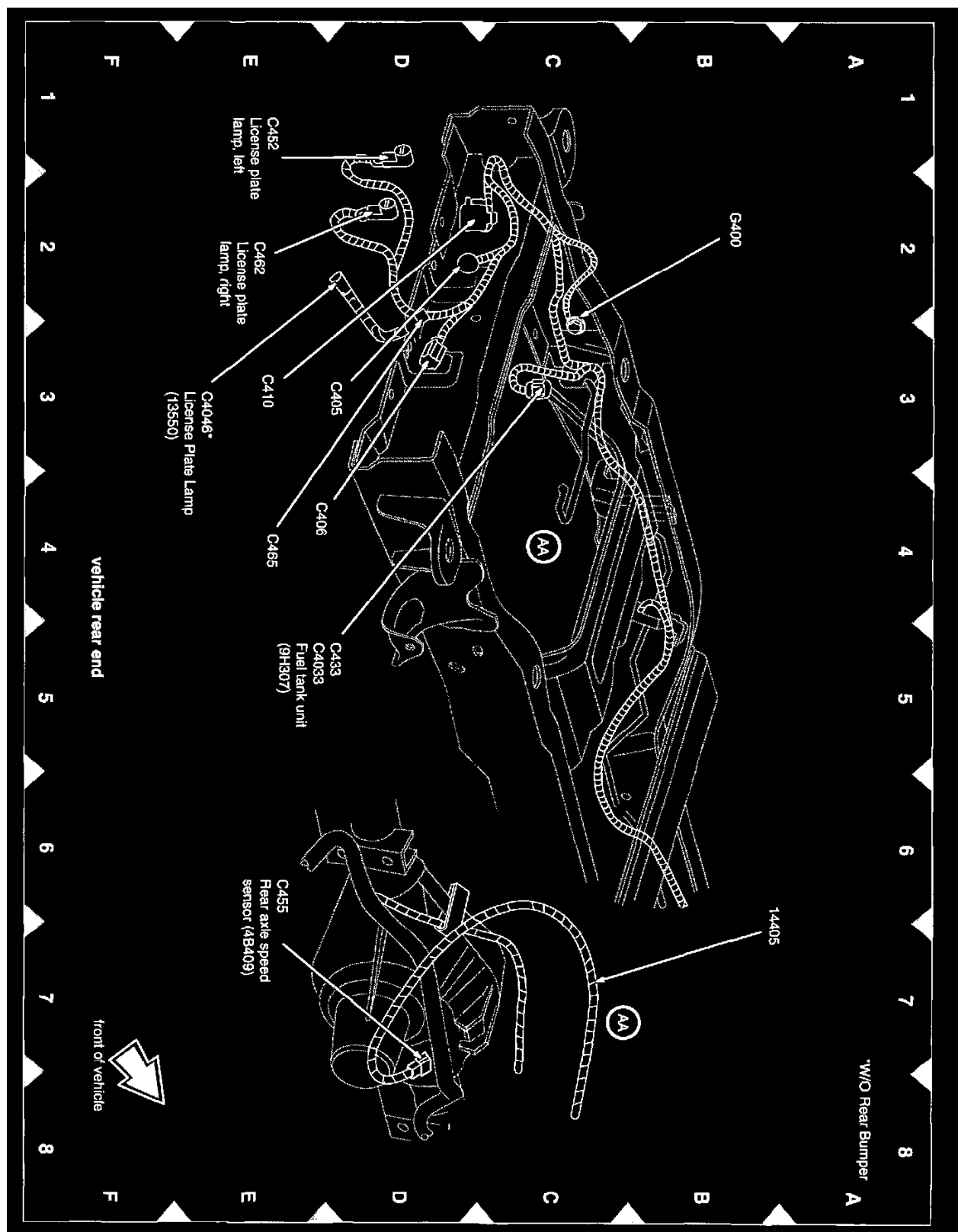
View 151-42



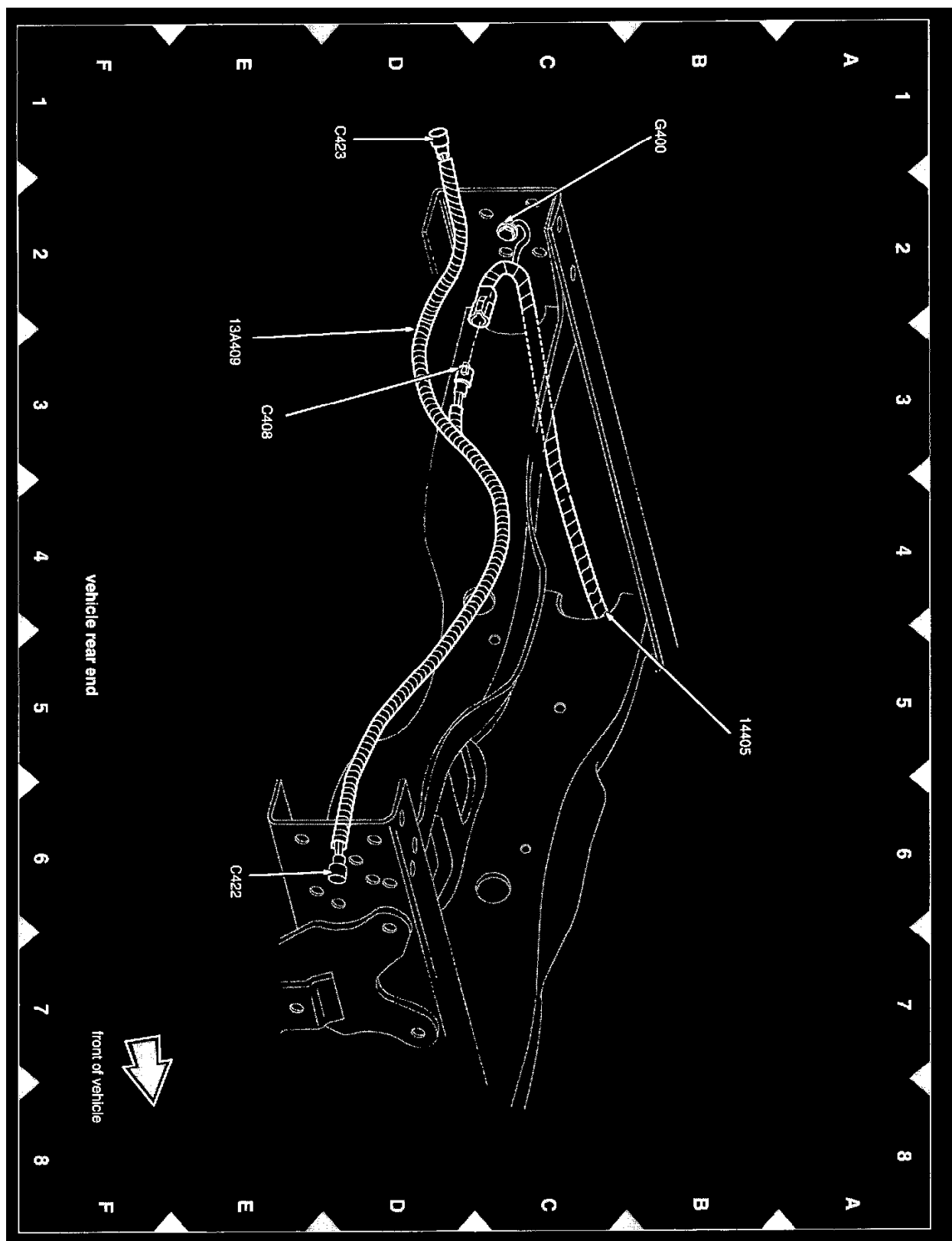
View 151-43



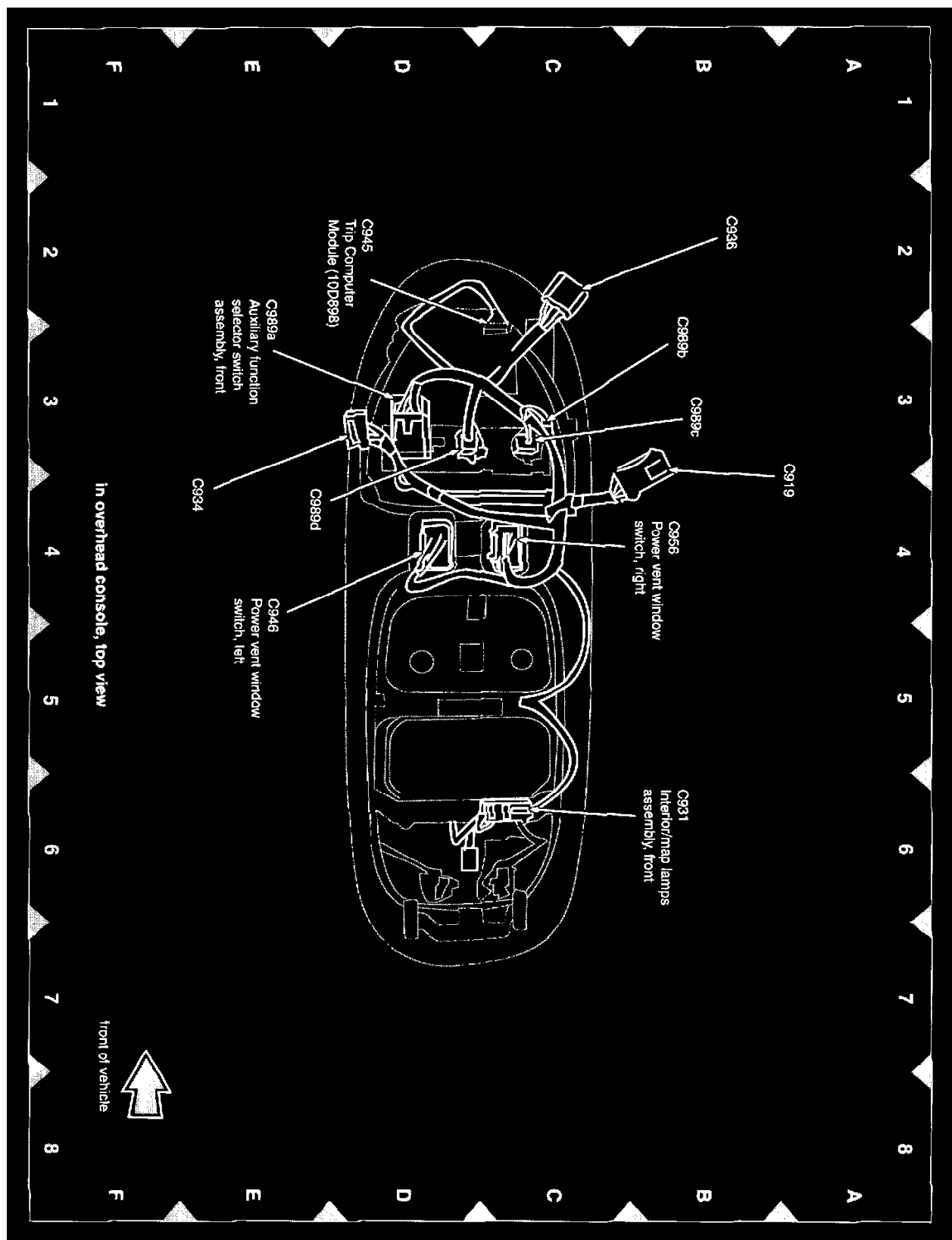
View 151-45



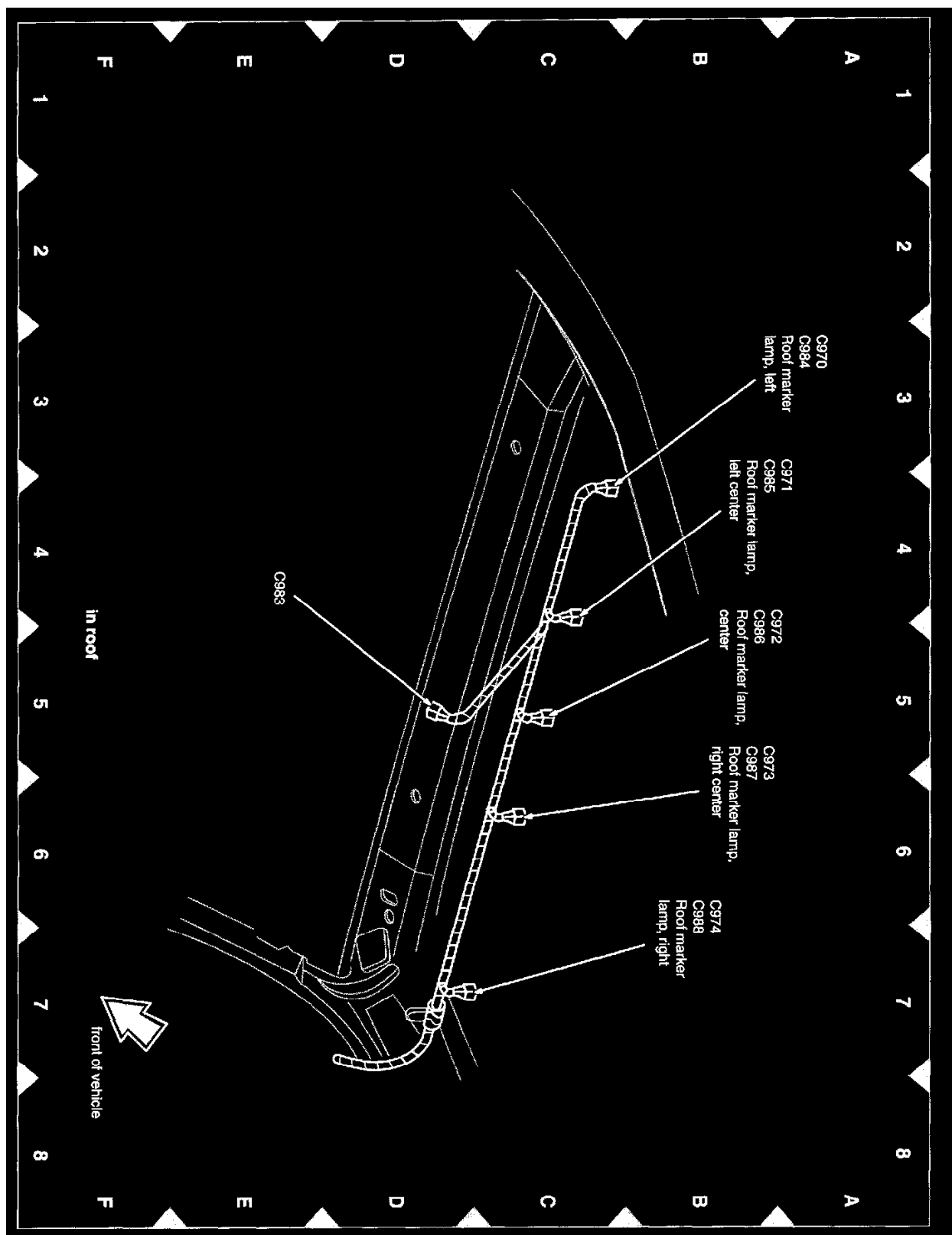
View 151-46



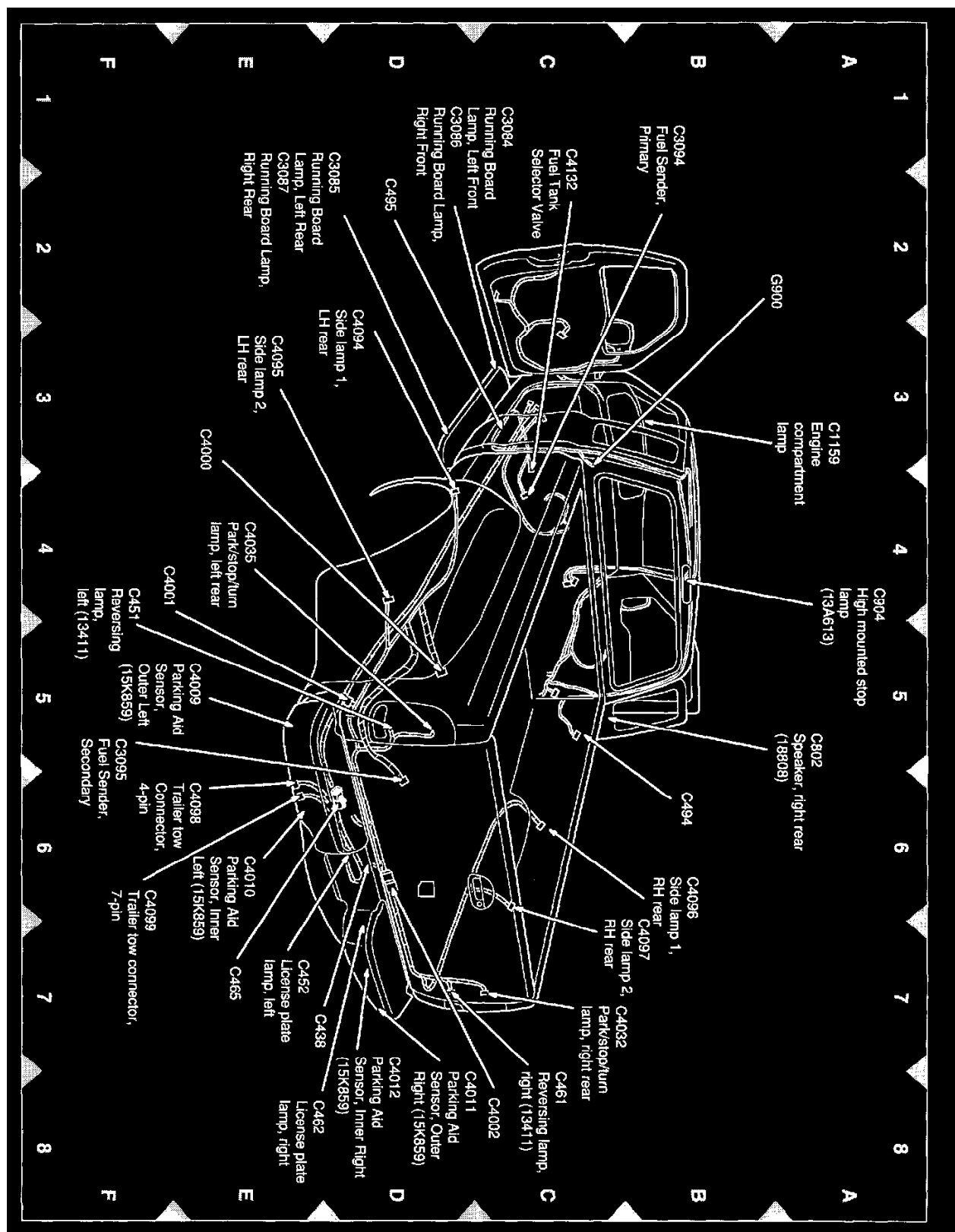
View 151-47



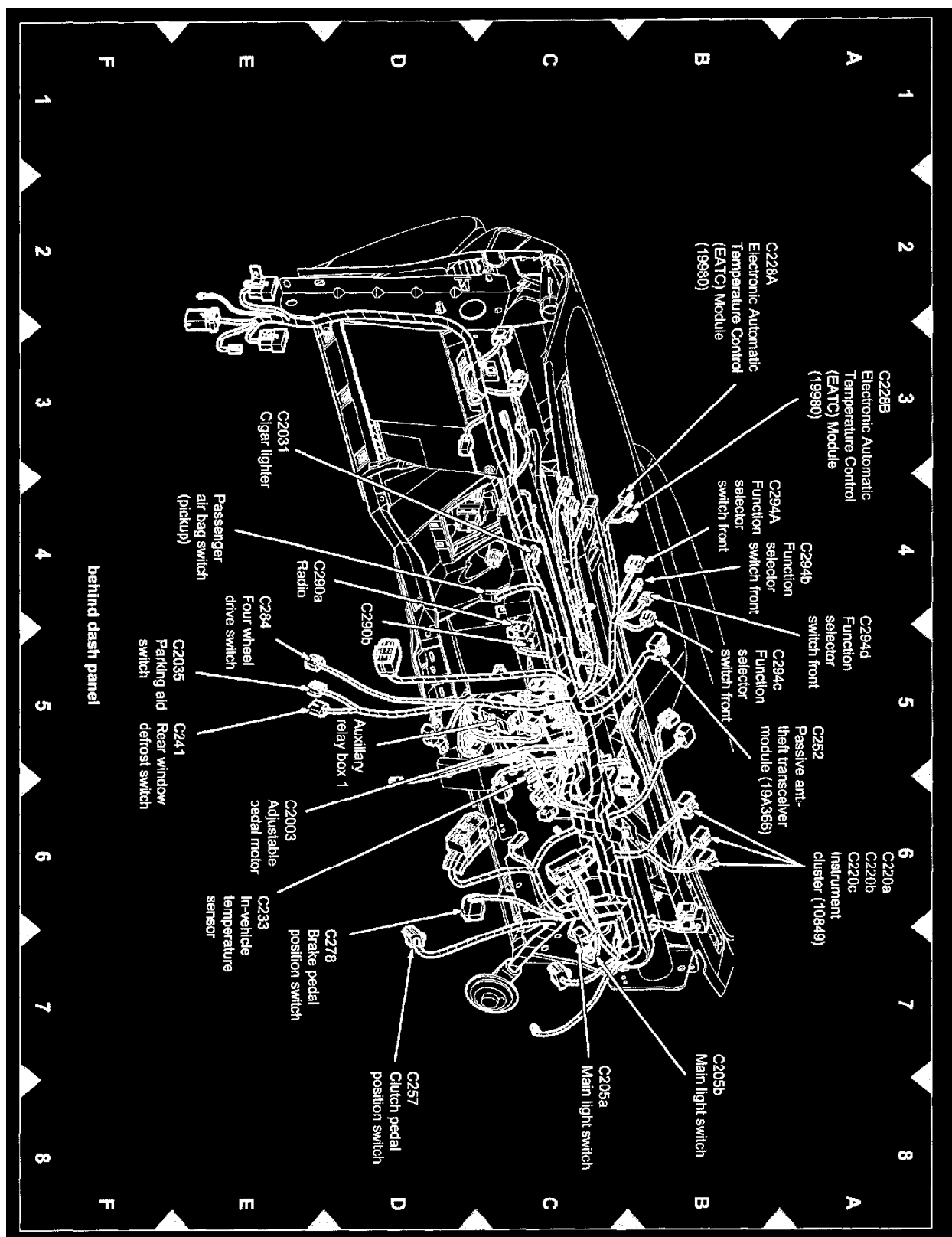
View 151-48



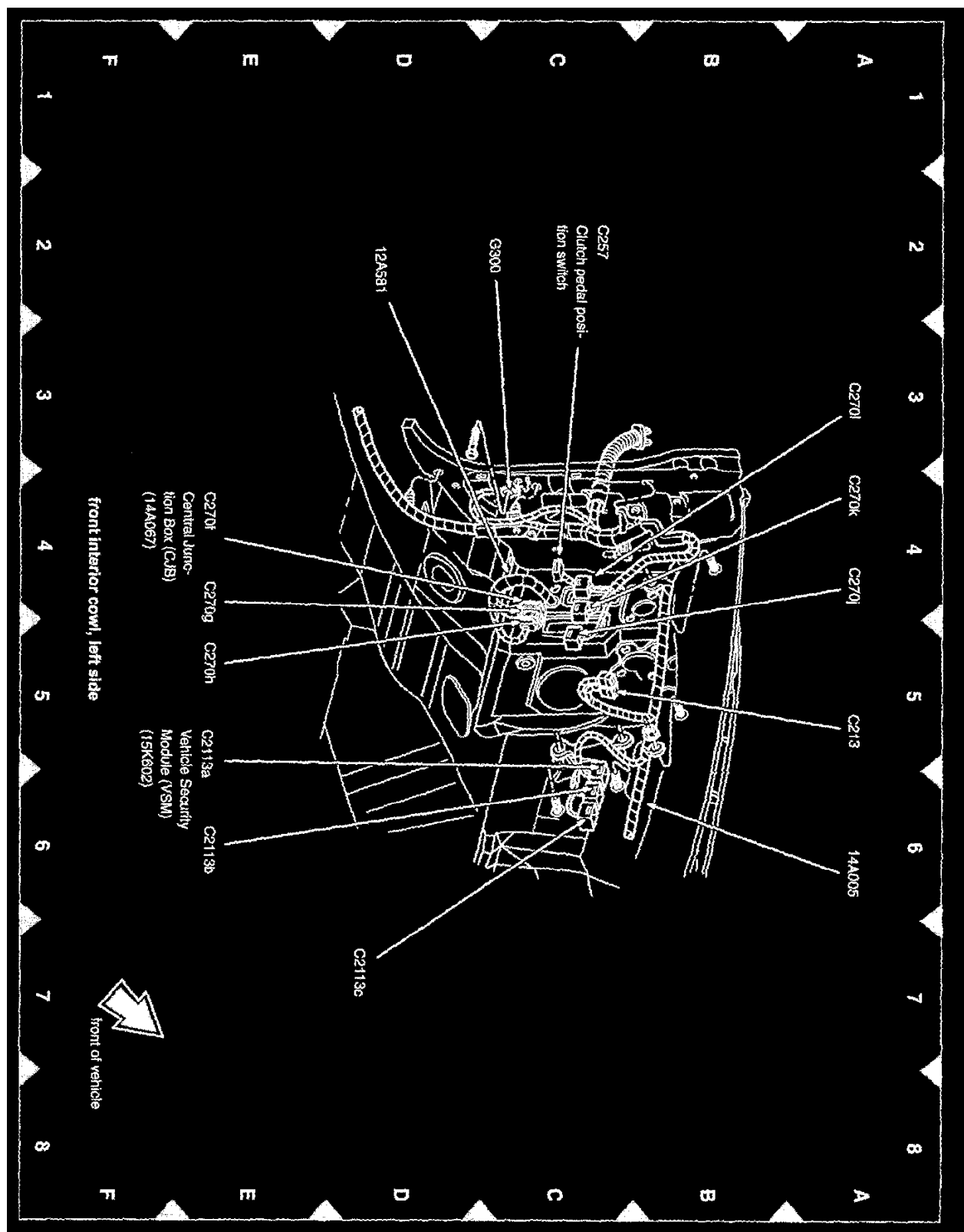
View 151-49



View 151-50



View 151-51



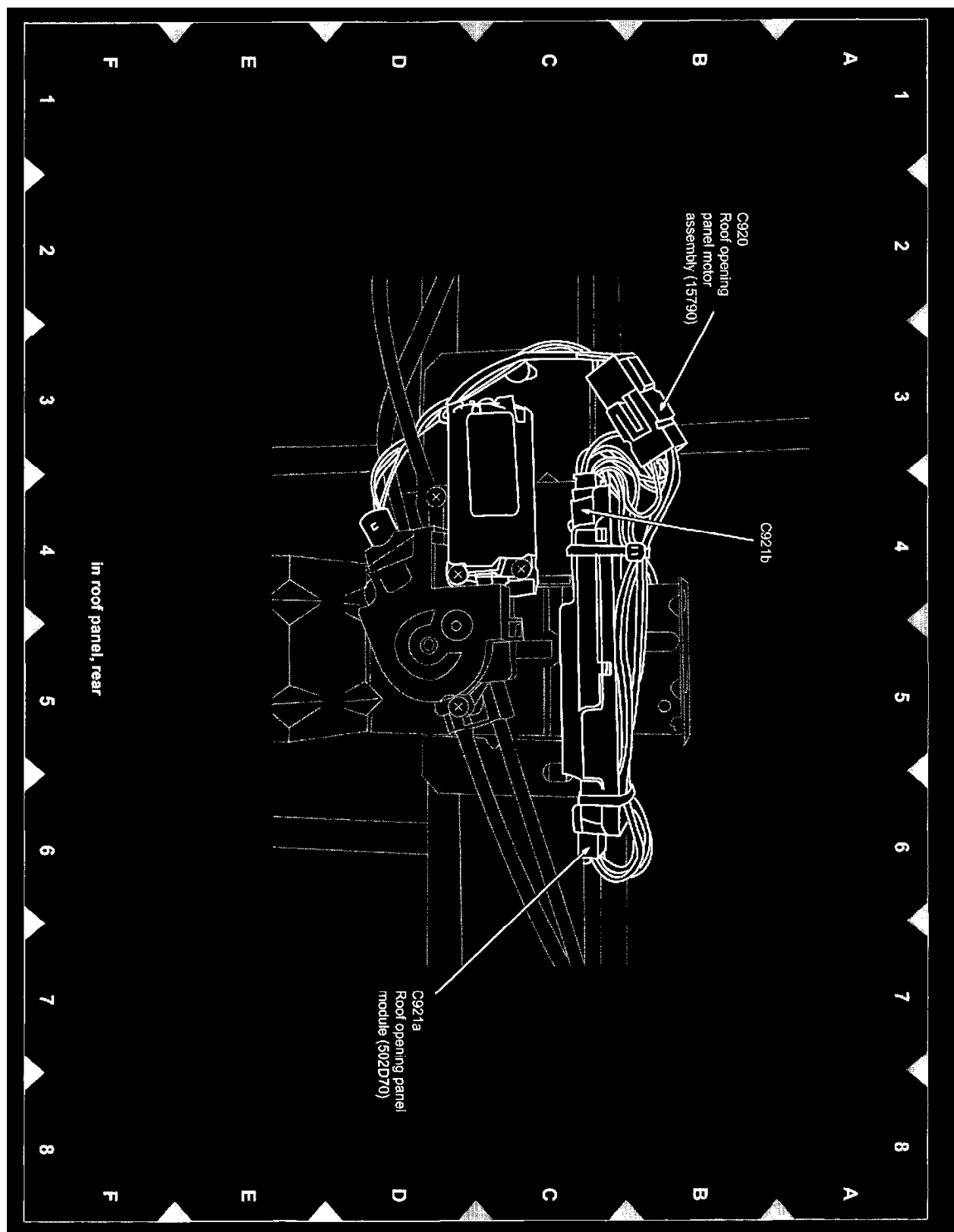
View 151-52

Ground Location Index

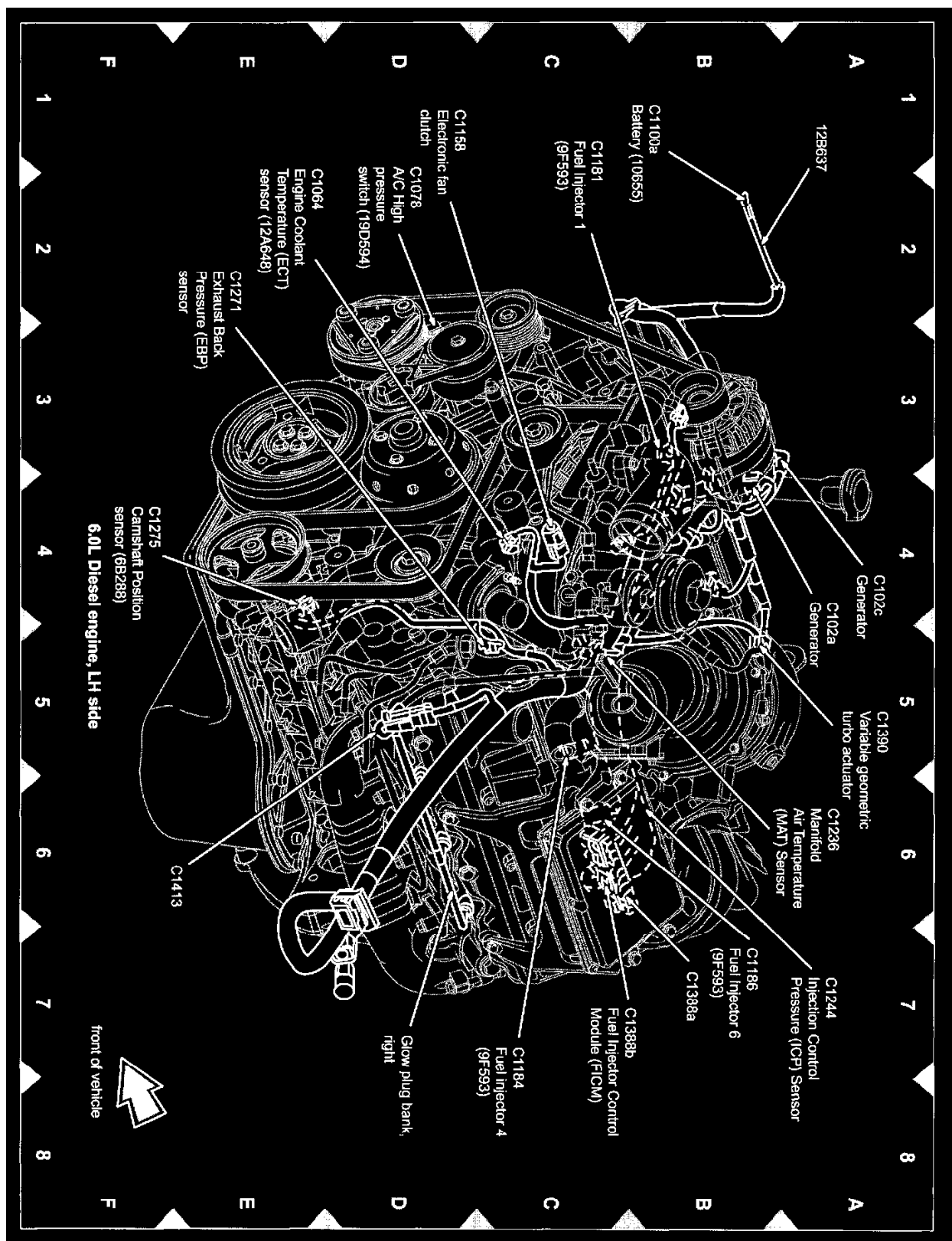
PLEASE NOTE: If a link on the Ground Location Index to a view is not provided, that means that the Ground and/or View in question does NOT apply to the vehicle model selected.

Ground points	
Location	View 151-*/coordinates
G100	engine compartment, rear, LH side 17 - B 6
G101	engine compartment, LH side 18 - A 5
G102	engine, RH side 14 - E 4
G104	engine compartment, right fender 25 - B 5
G105	engine compartment, front, LH side 21 - B 5
G106	engine compartment, RH side, on frame rail ... 14 - E 5
G108	engine compartment, RH side 15 - B 2
G109	engine, LH side 21 - E 5
G110	engine, top, LH side, rear, - 6.0L 9 - C 2
G200	behind dash panel, LH side 28 - A 4
G201	behind dash panel, LH side 28 - B 4
G202	behind dash panel, LH side 28 - A 4
G203	under dash panel, RH side 33 - D 7
G300	Vehicle floor, in LH front footwell 52 - C 2
G301	Vehicle interior, LH side, after C-pillar 38 - E 2
G400	vehicle underbody, rear, chassis side member, LH side 46 - B 2
G400	vehicle underbody, rear, chassis side member, LH side 46 - C 3
G403	RH D-pillar 39 - D 6
G900	LH C-pillar 45 - F 7
G901	vehicle rear end, roof 42 - A 7

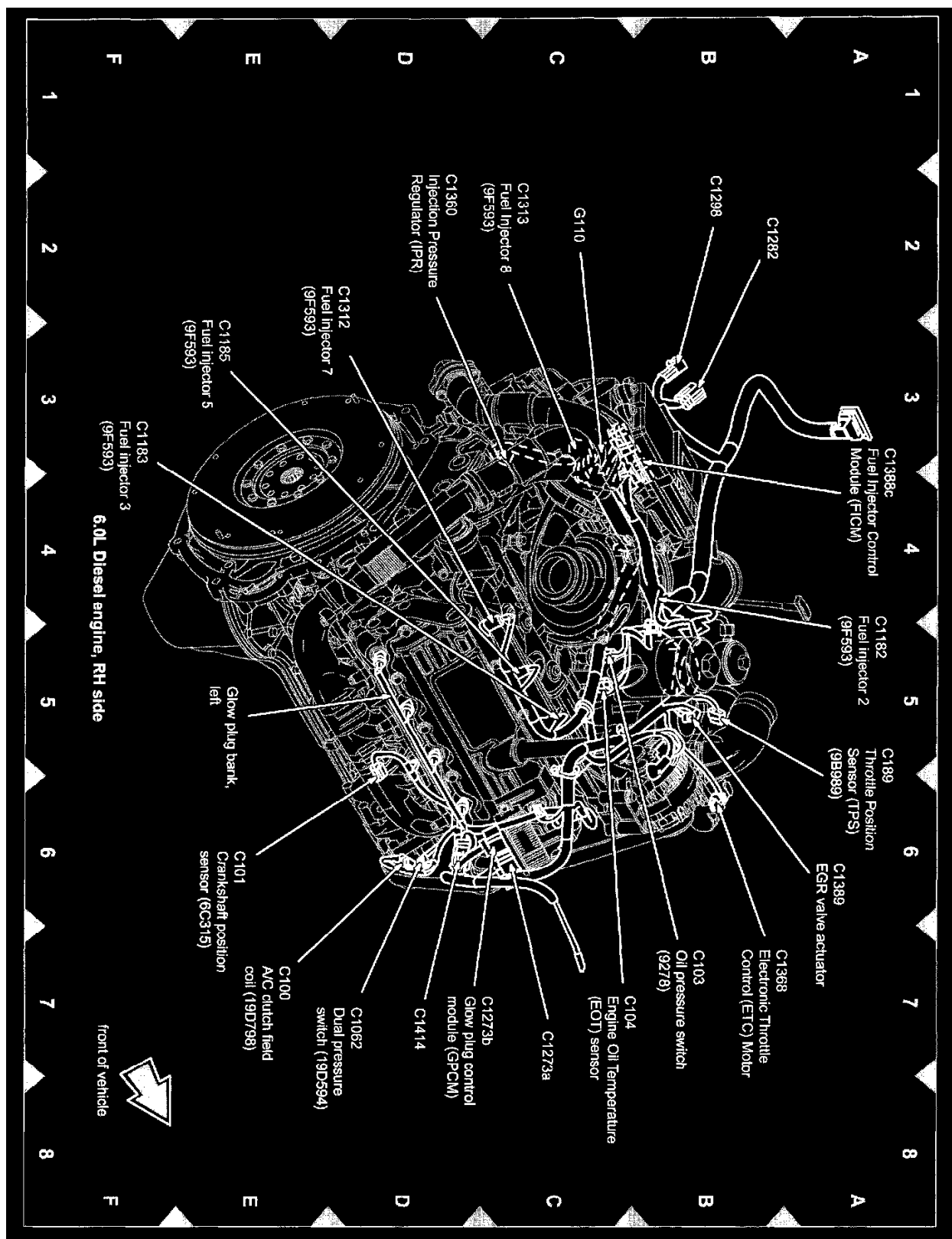
G100-G901



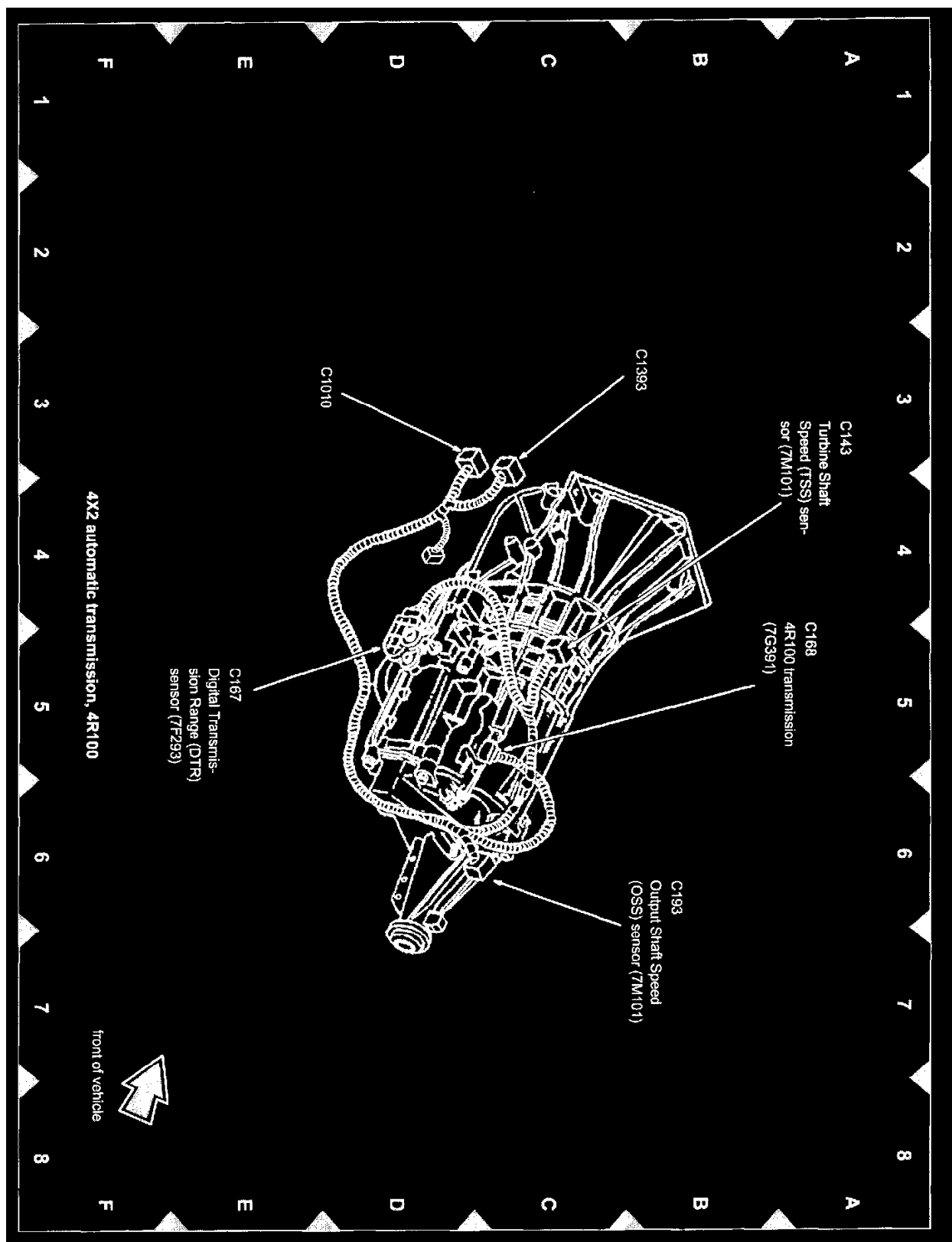
View 151-1



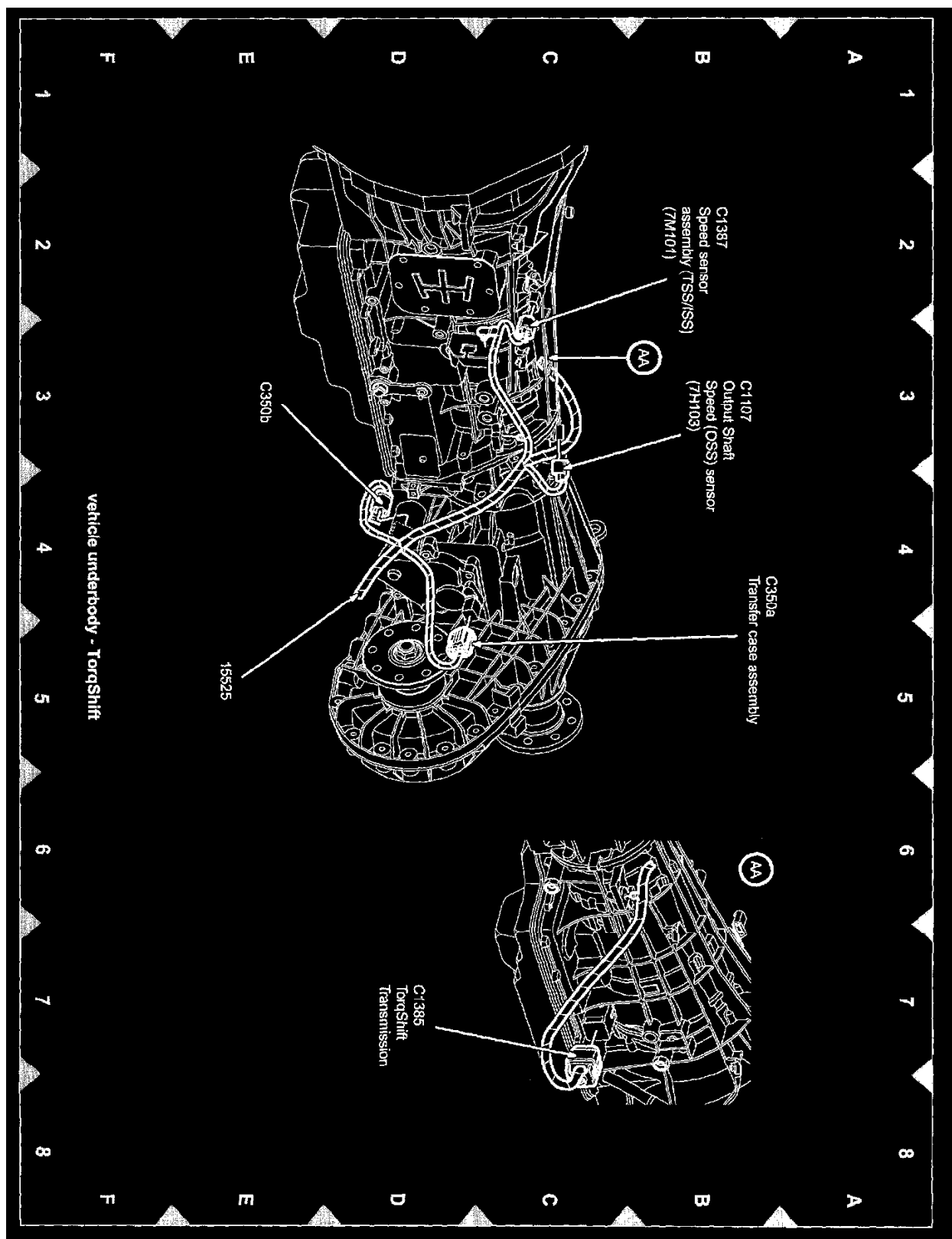
View 151-8



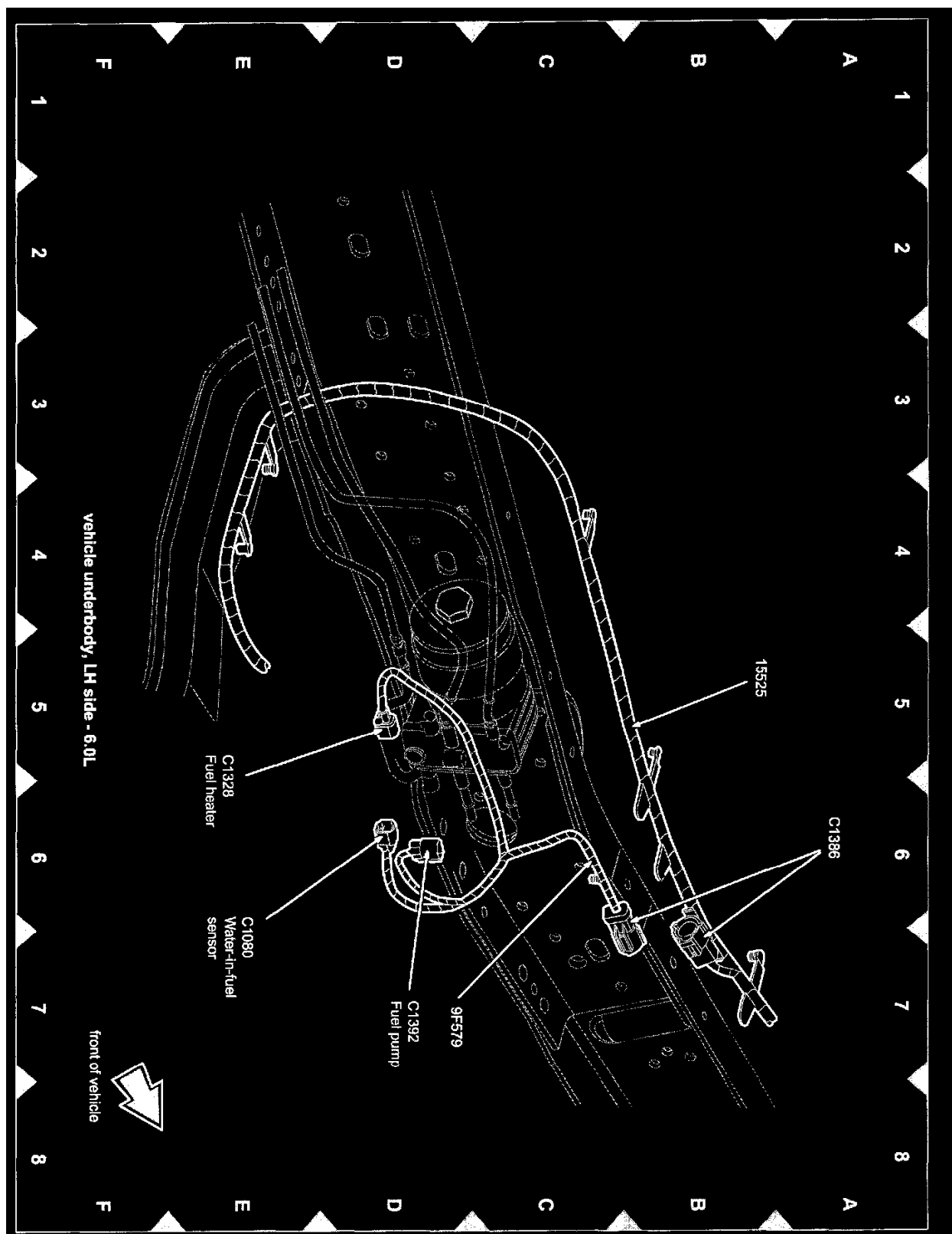
View 151-9



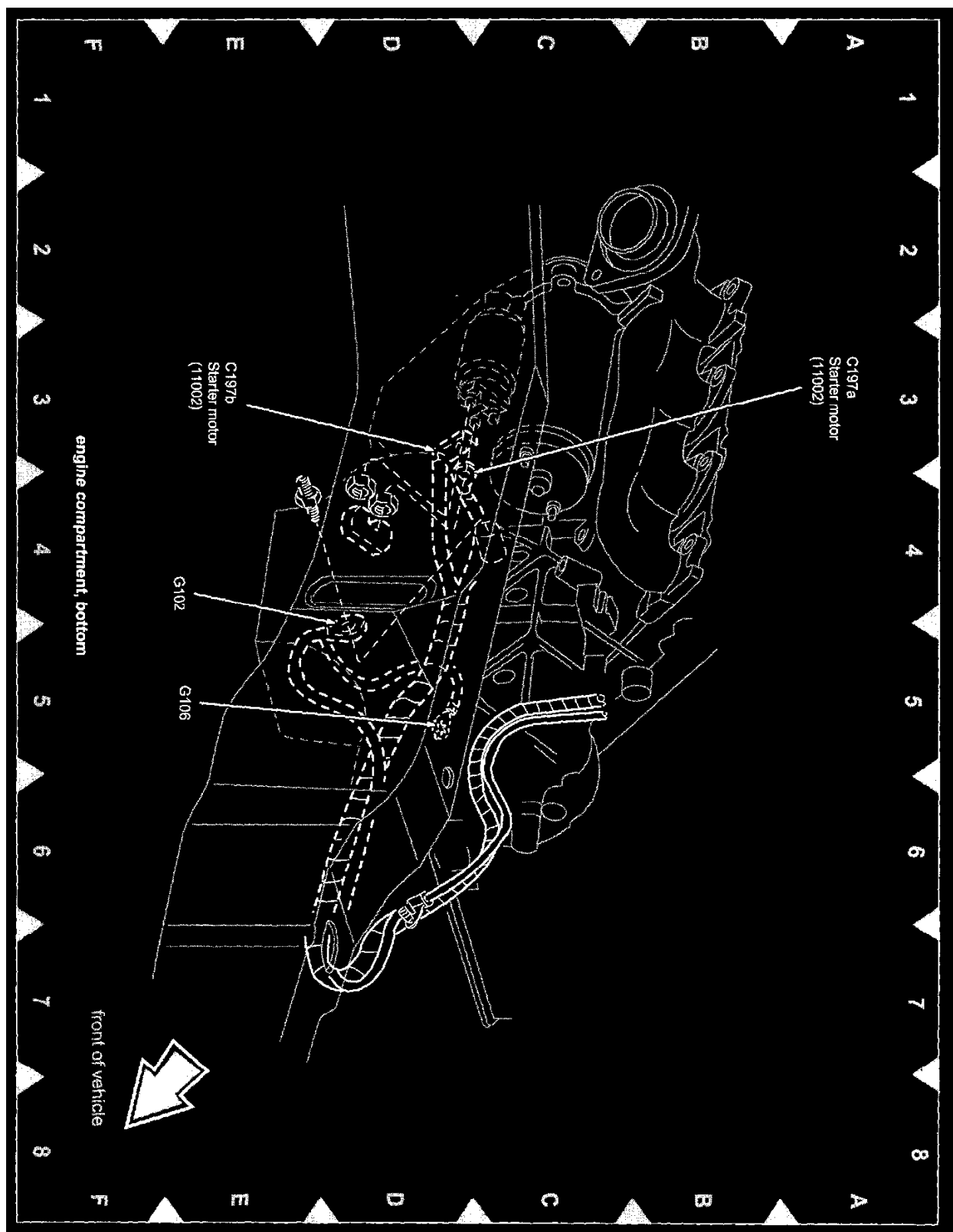
View 151-11



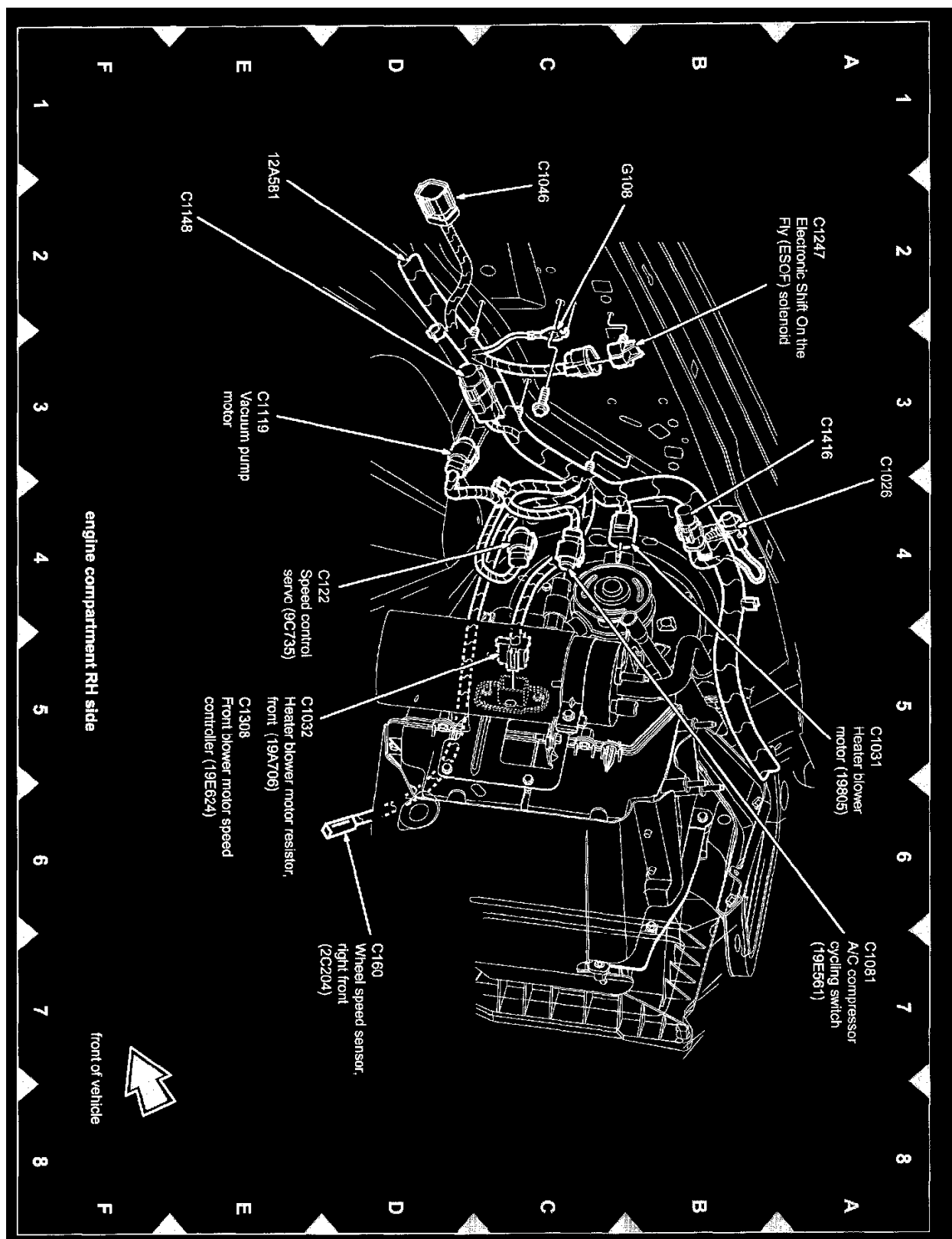
View 151-12



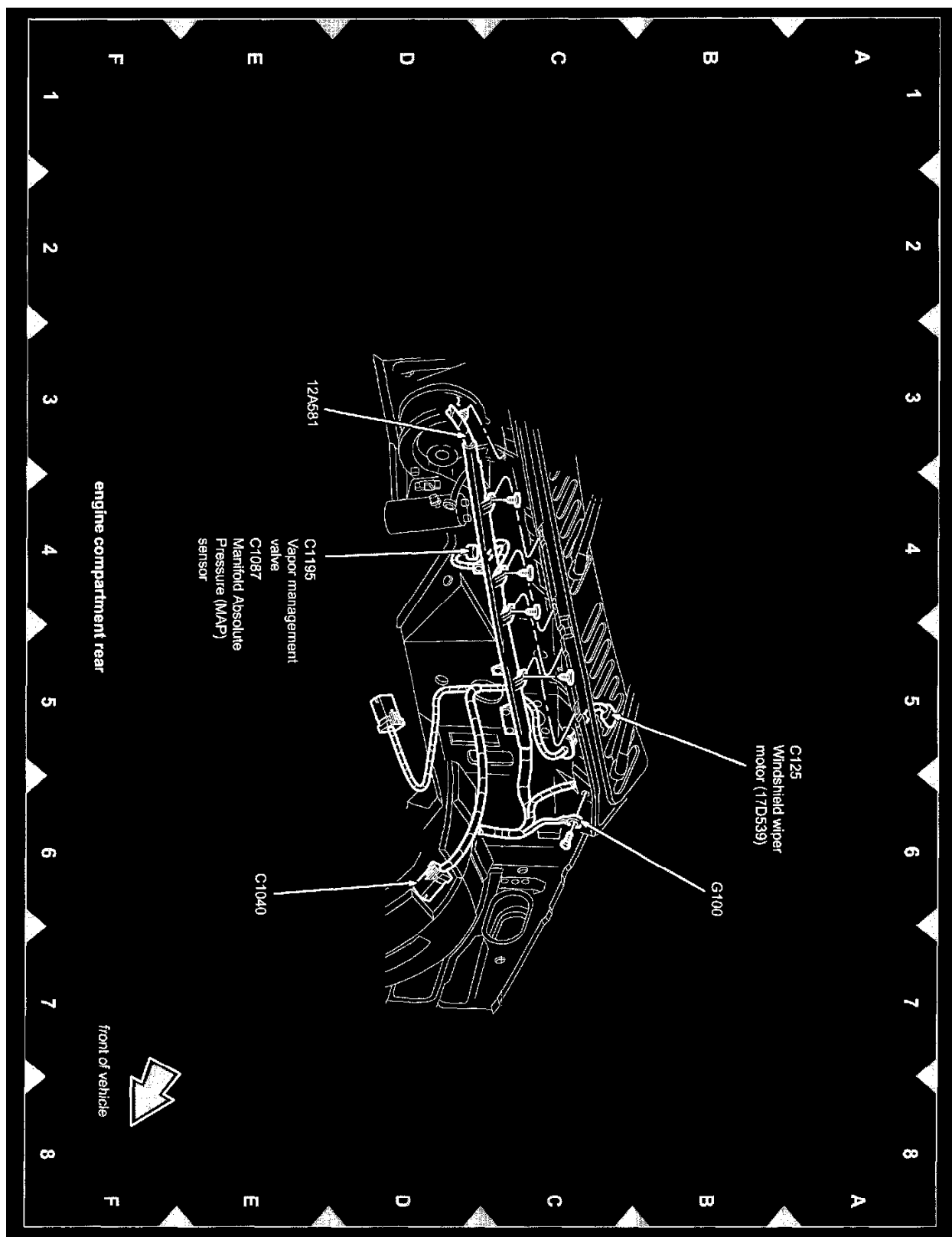
View 151-13



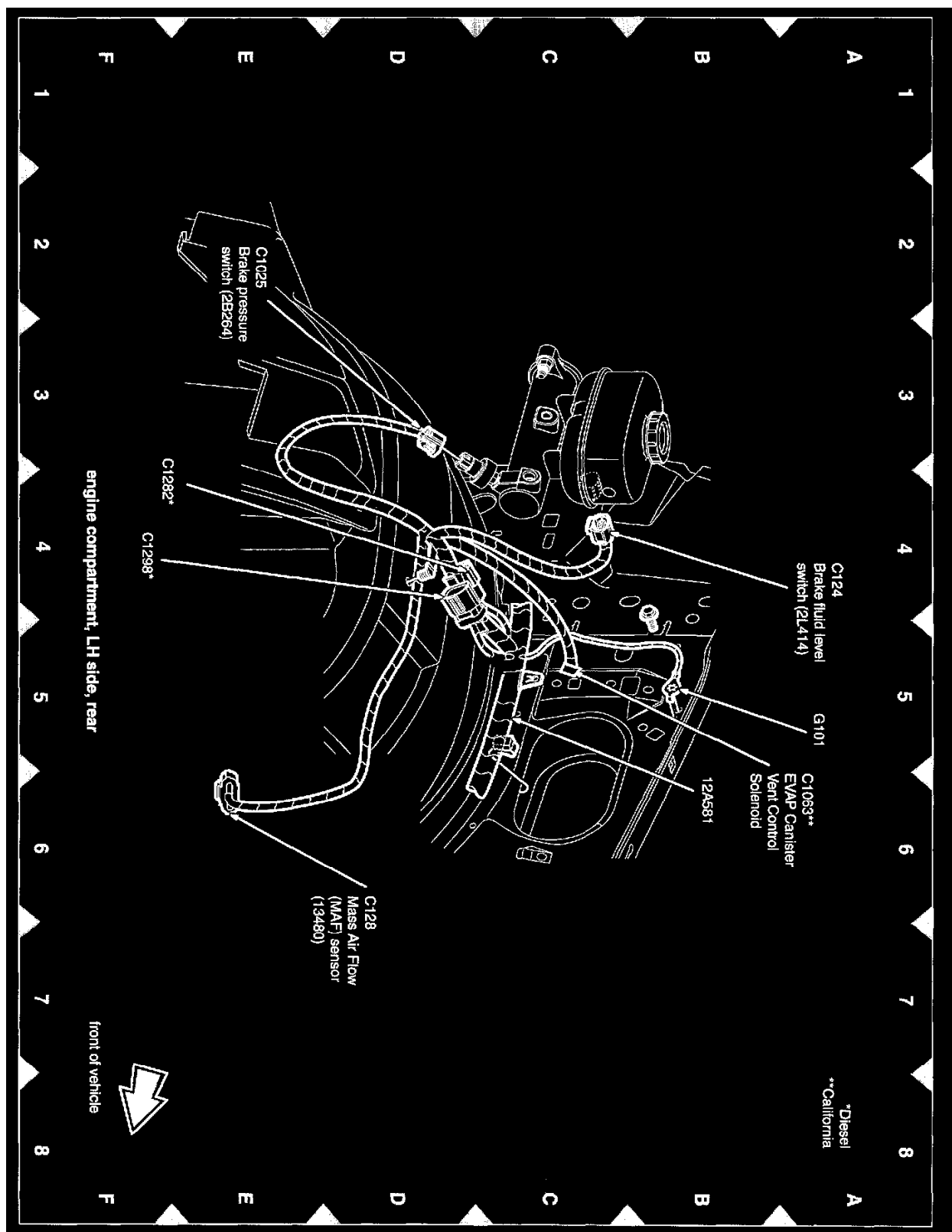
View 151-14



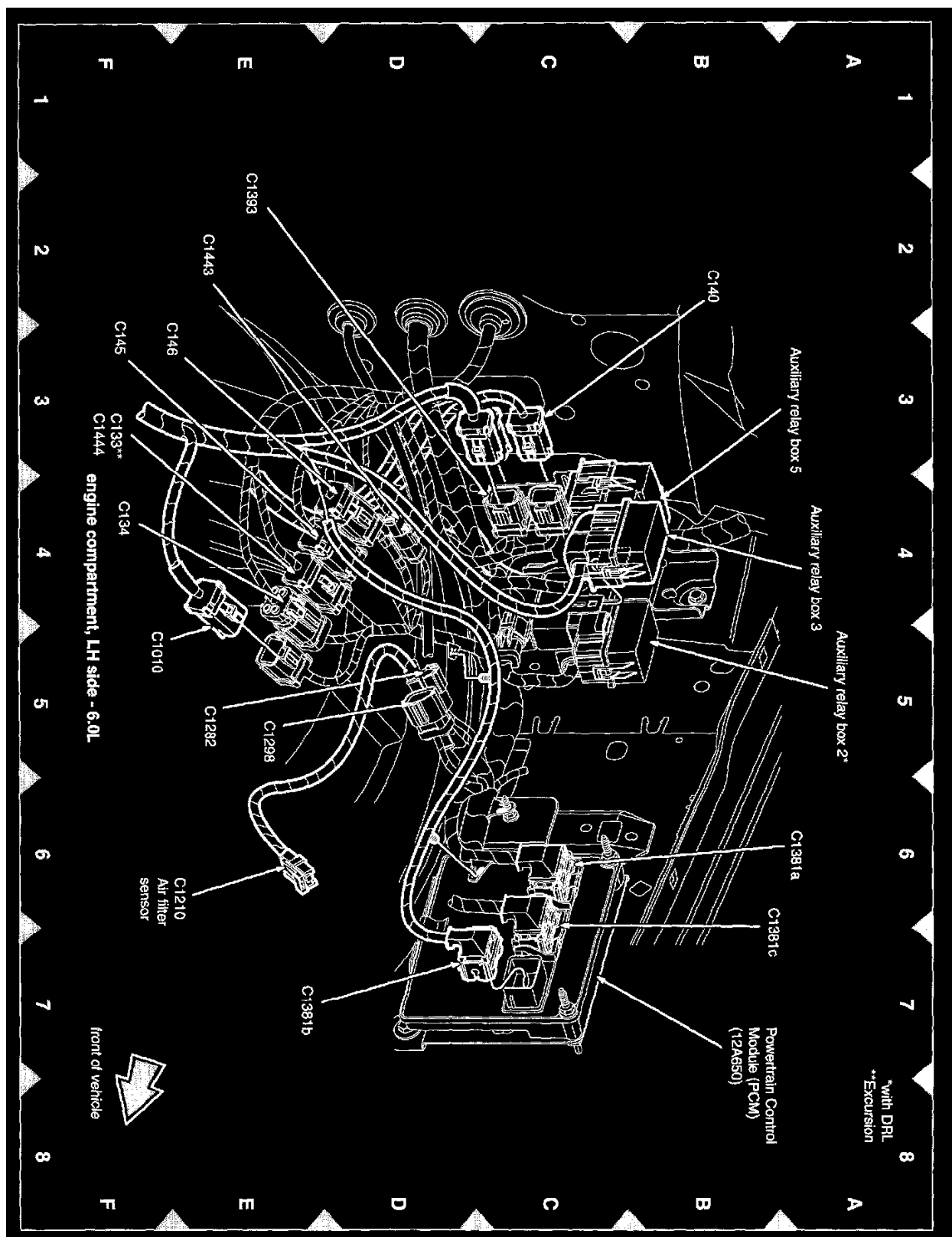
View 151-15



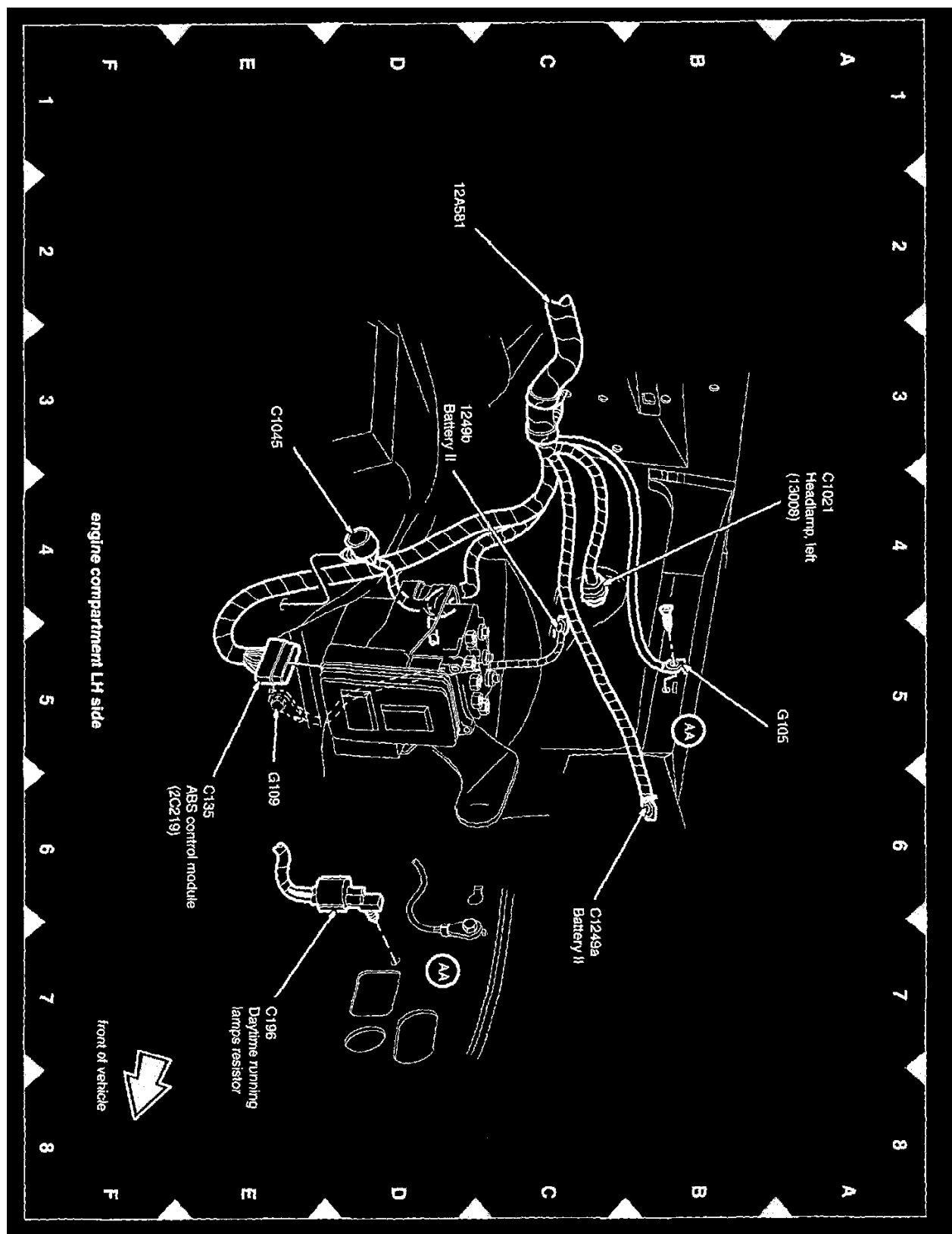
View 151-17



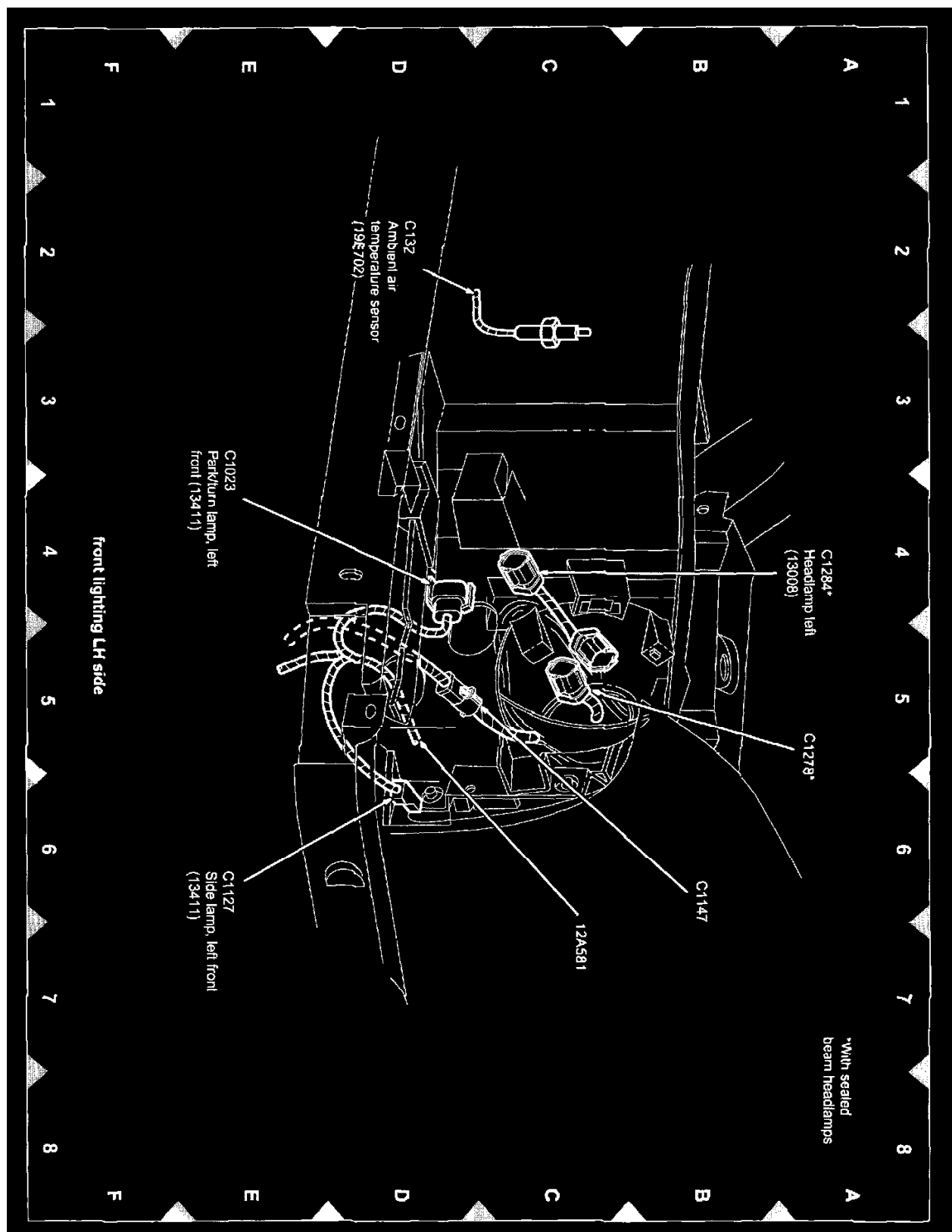
View 151-18



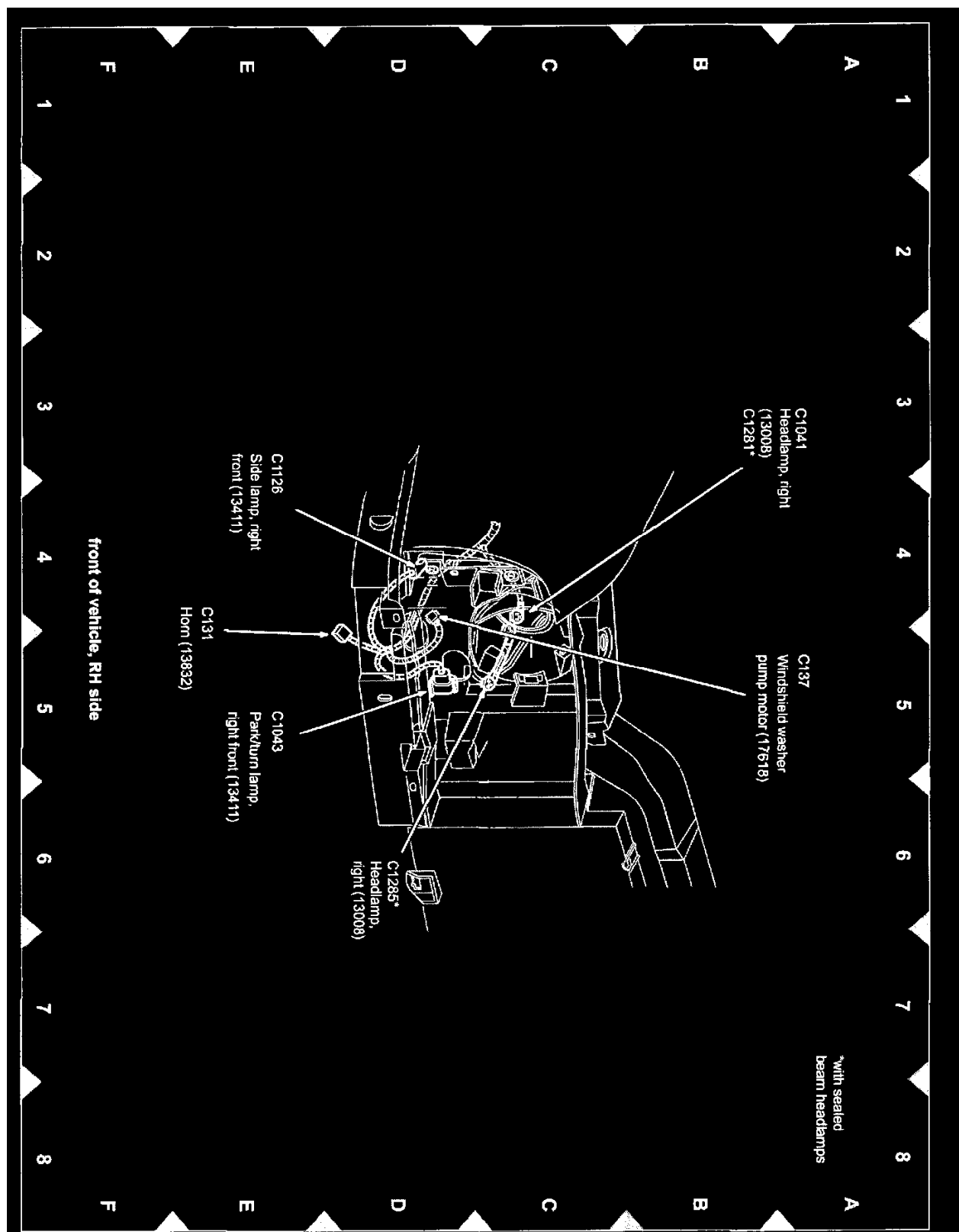
View 151-20



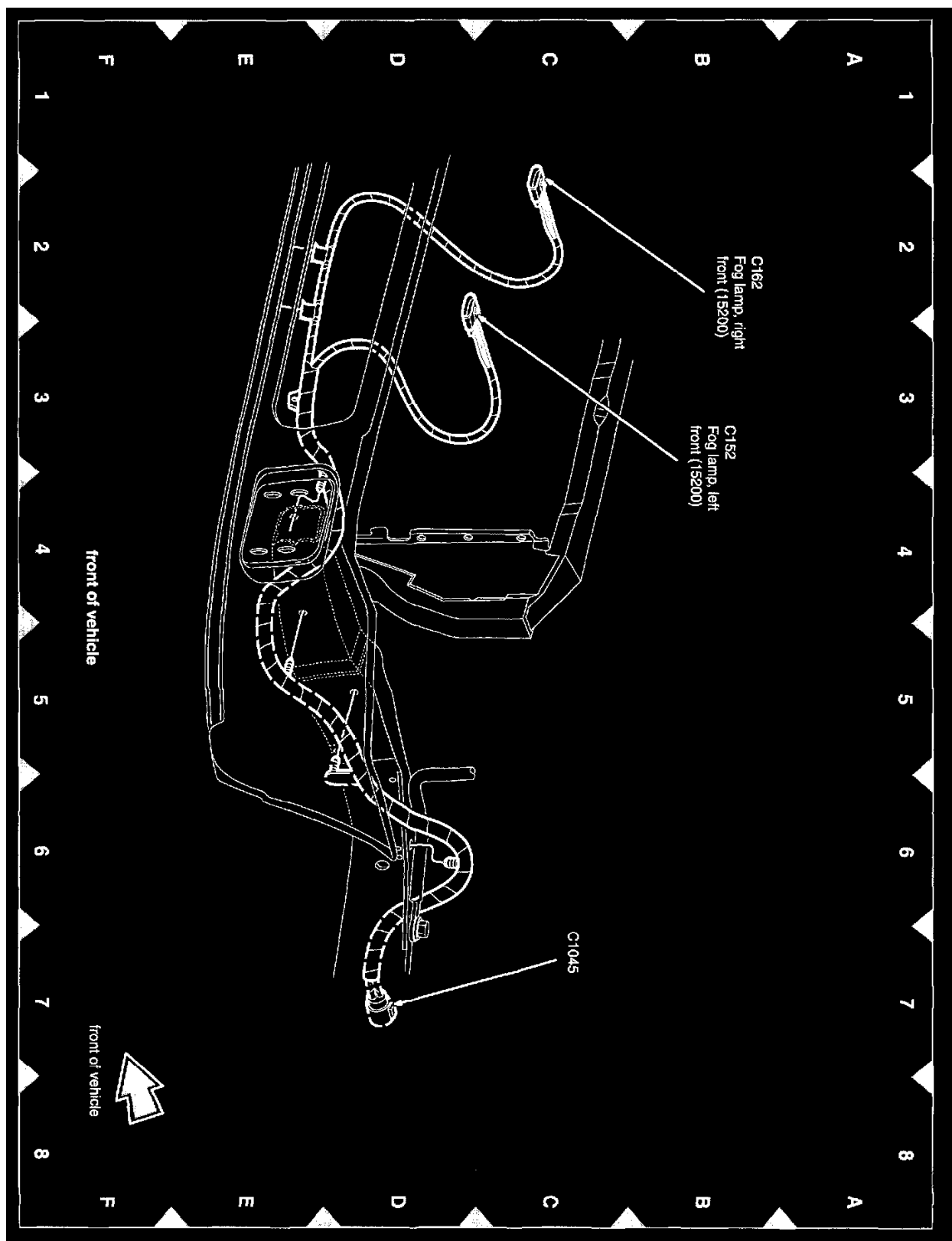
View 151-21



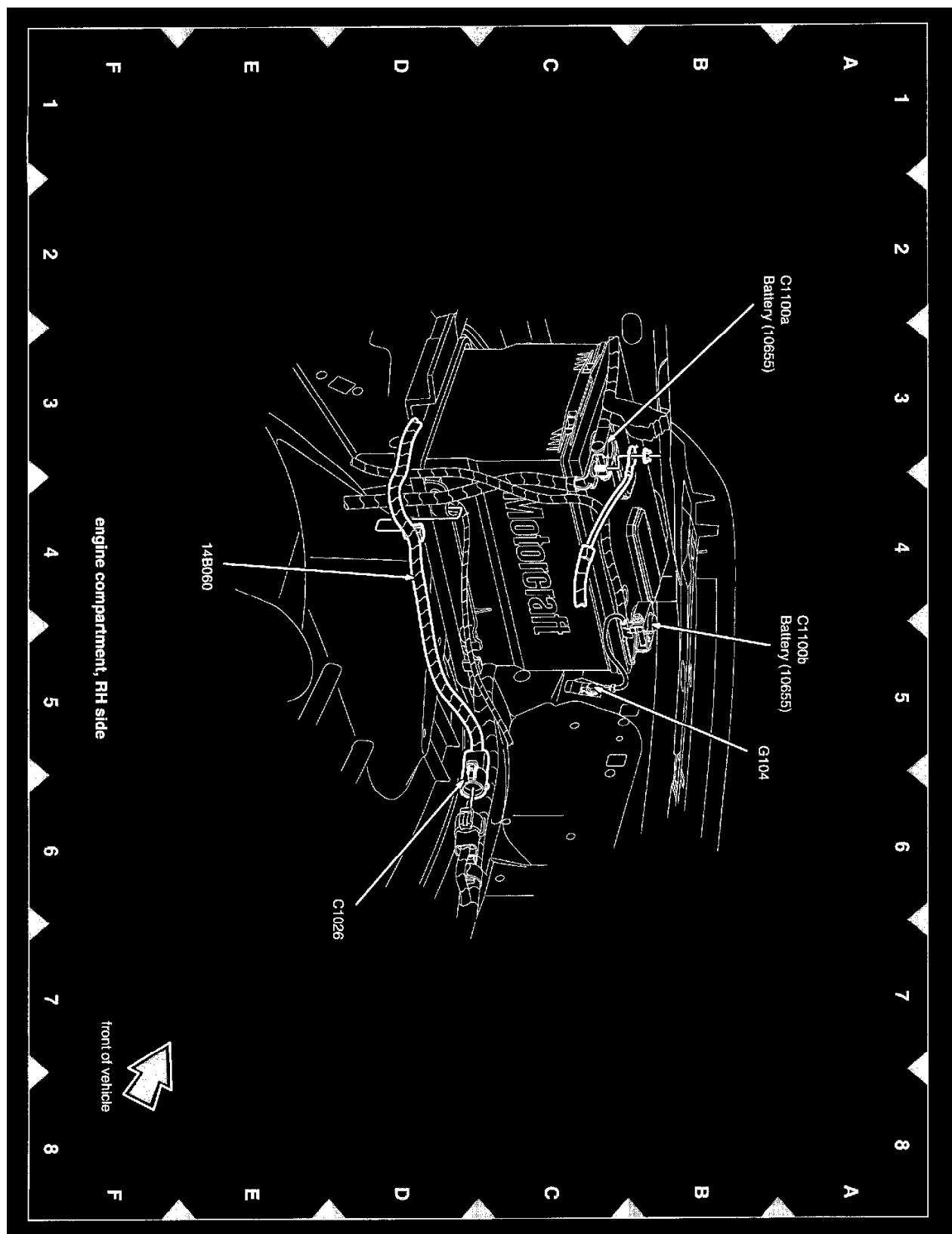
View 151-22



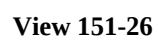
View 151-23

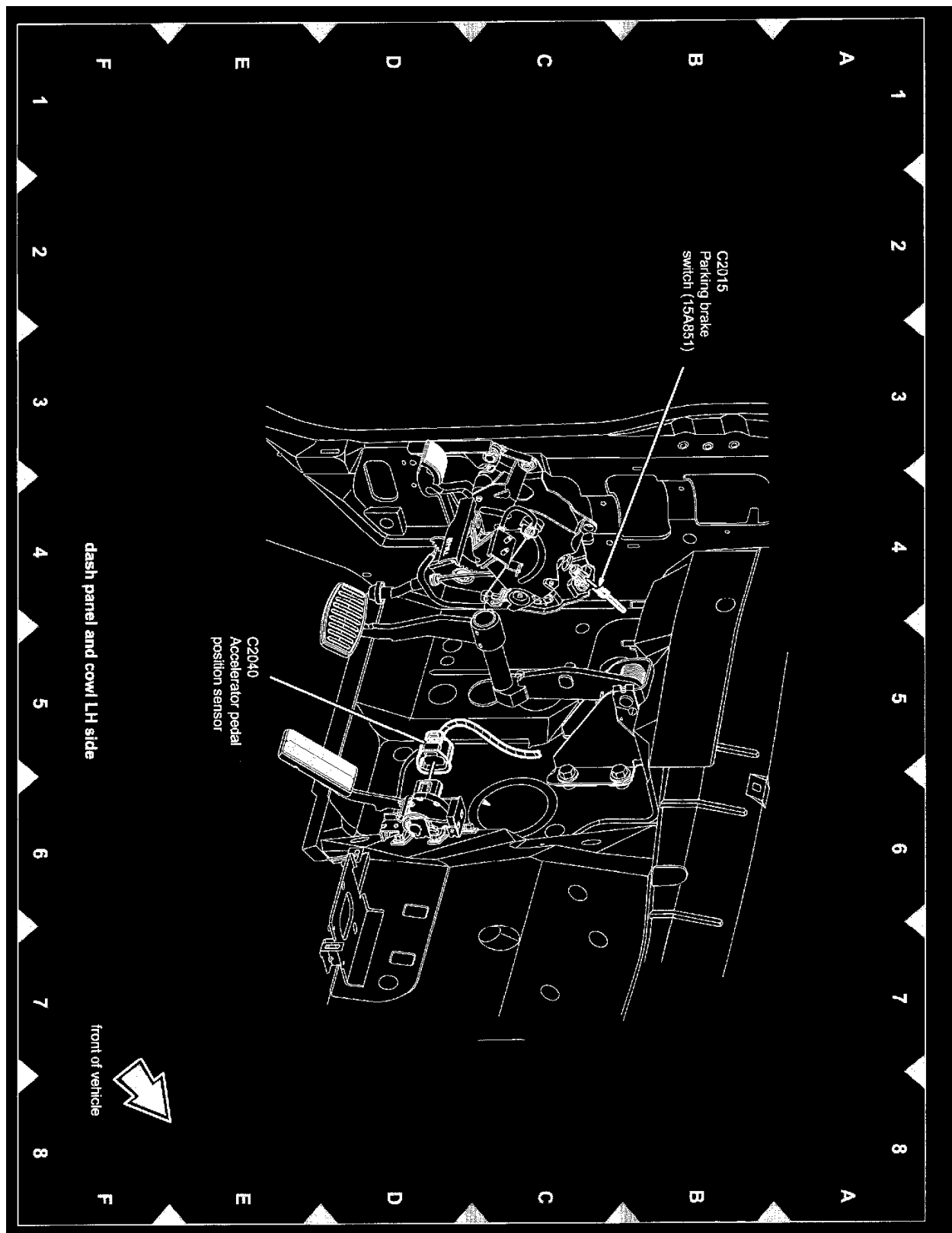


View 151-24

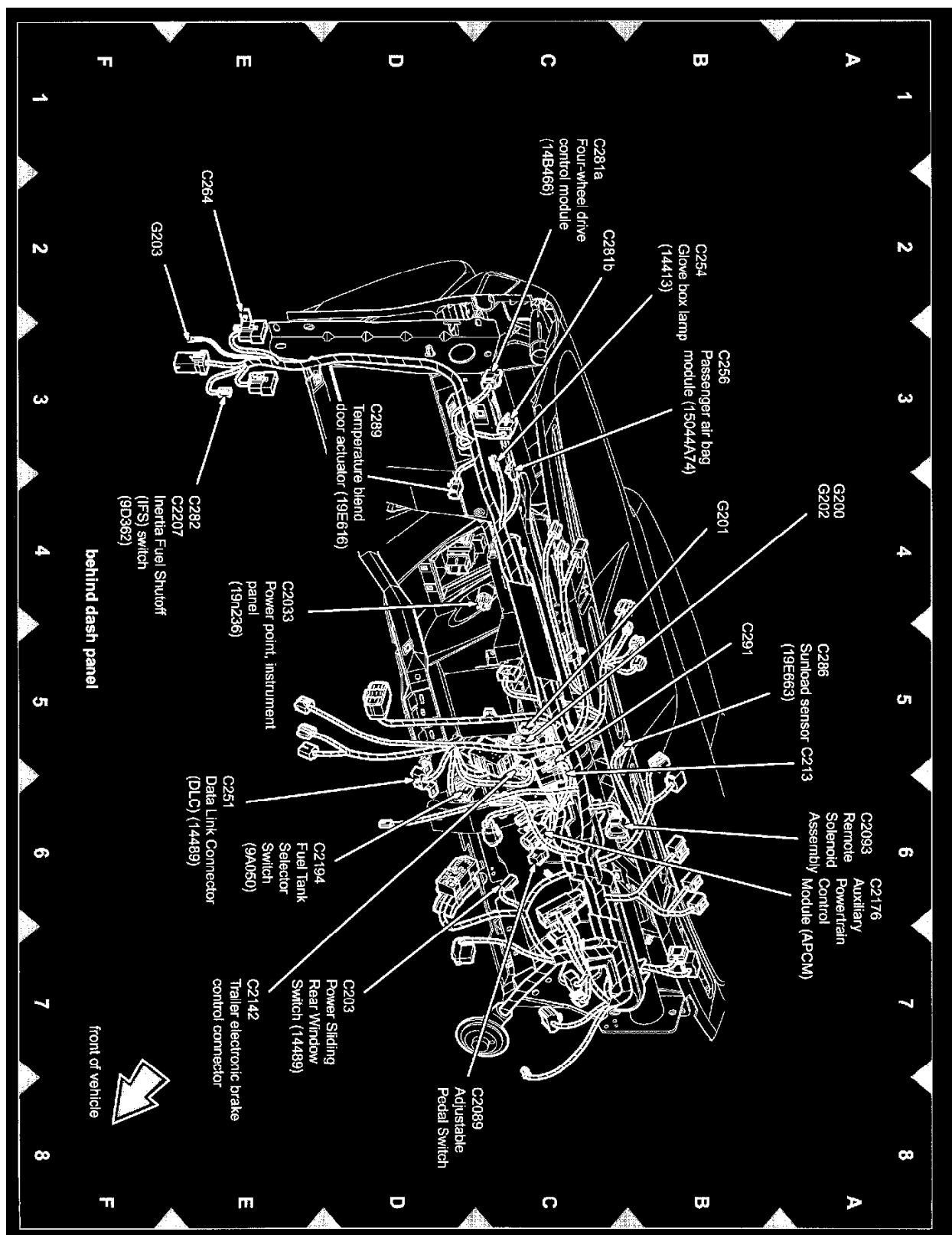


View 151-25

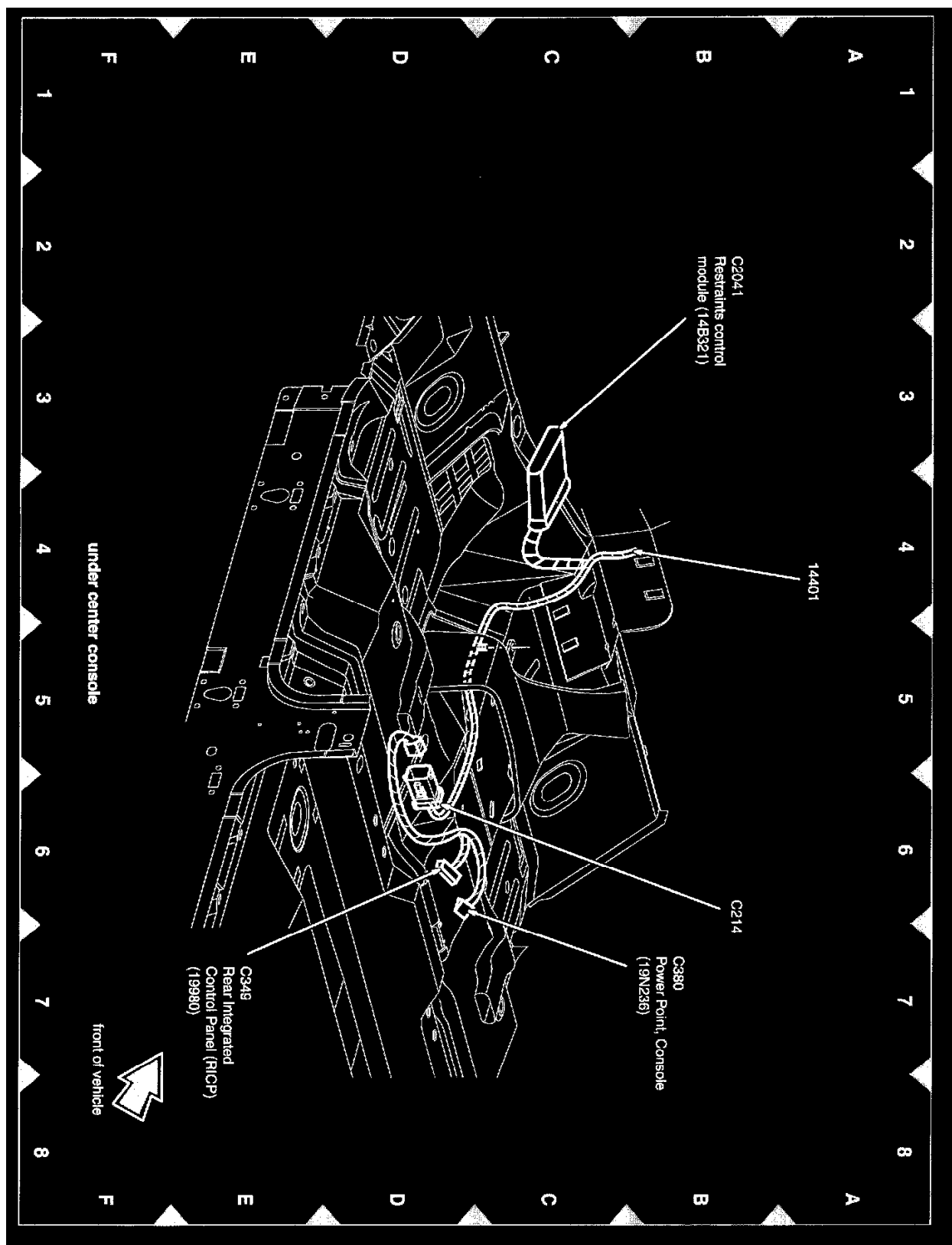




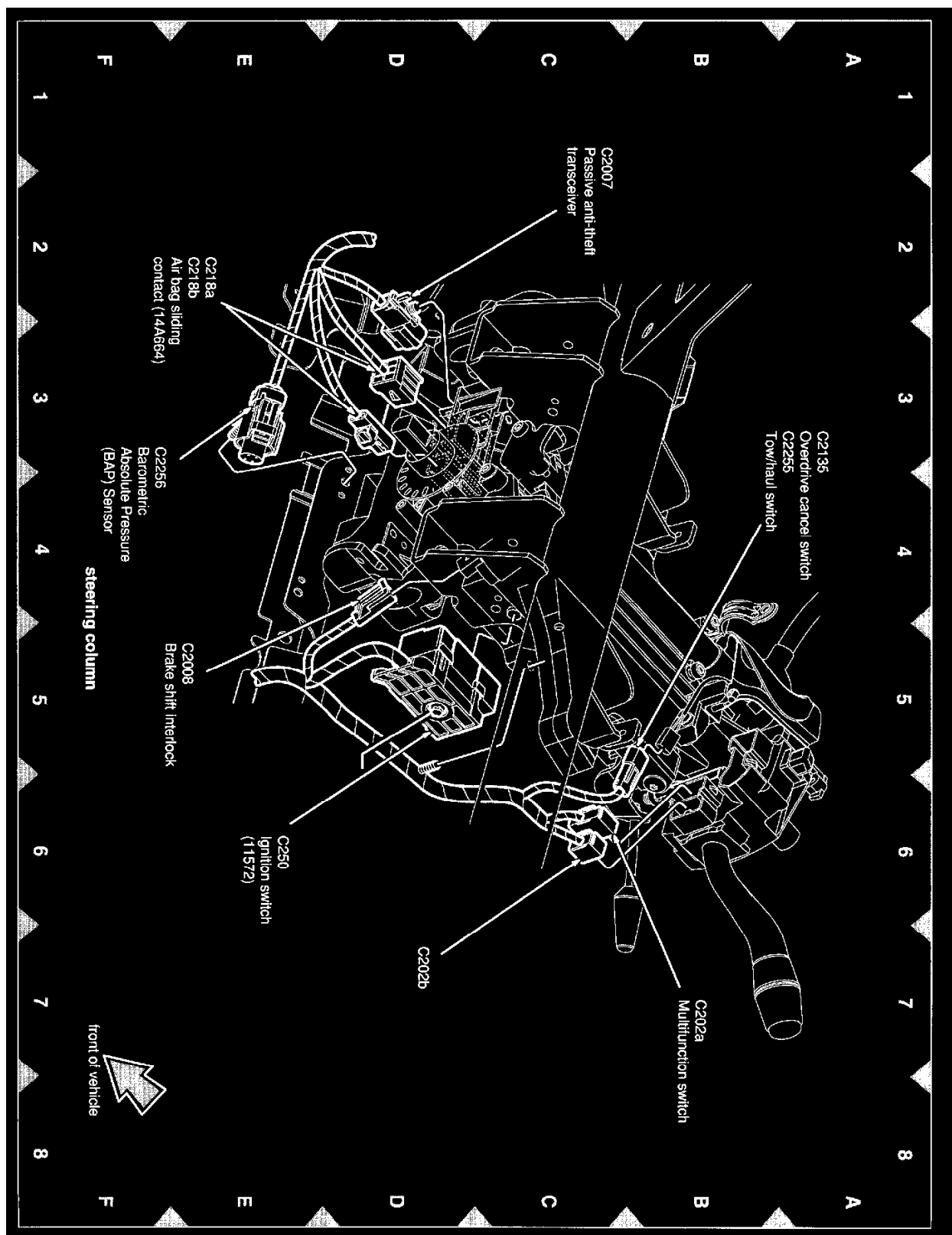
View 151-27



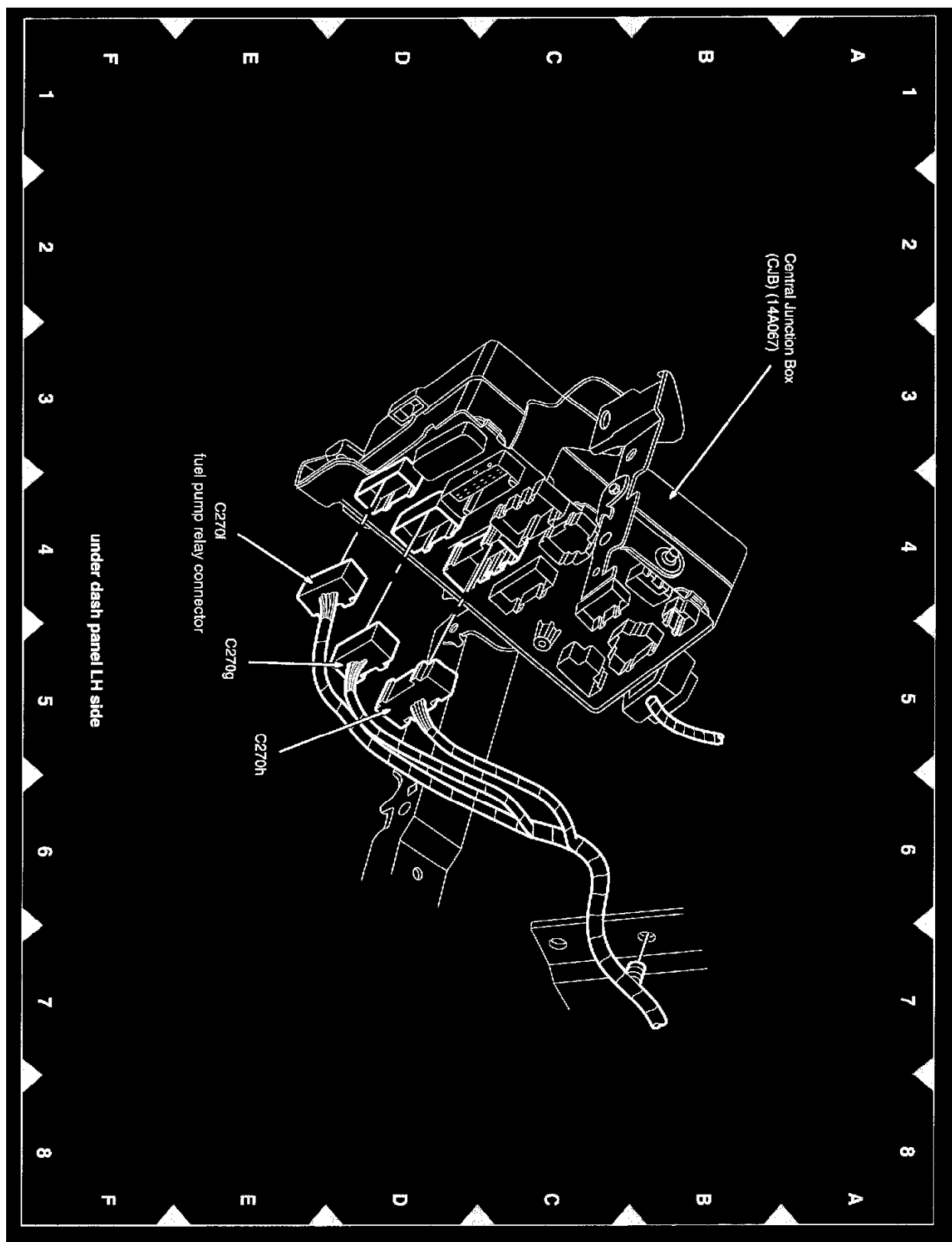
View 151-28



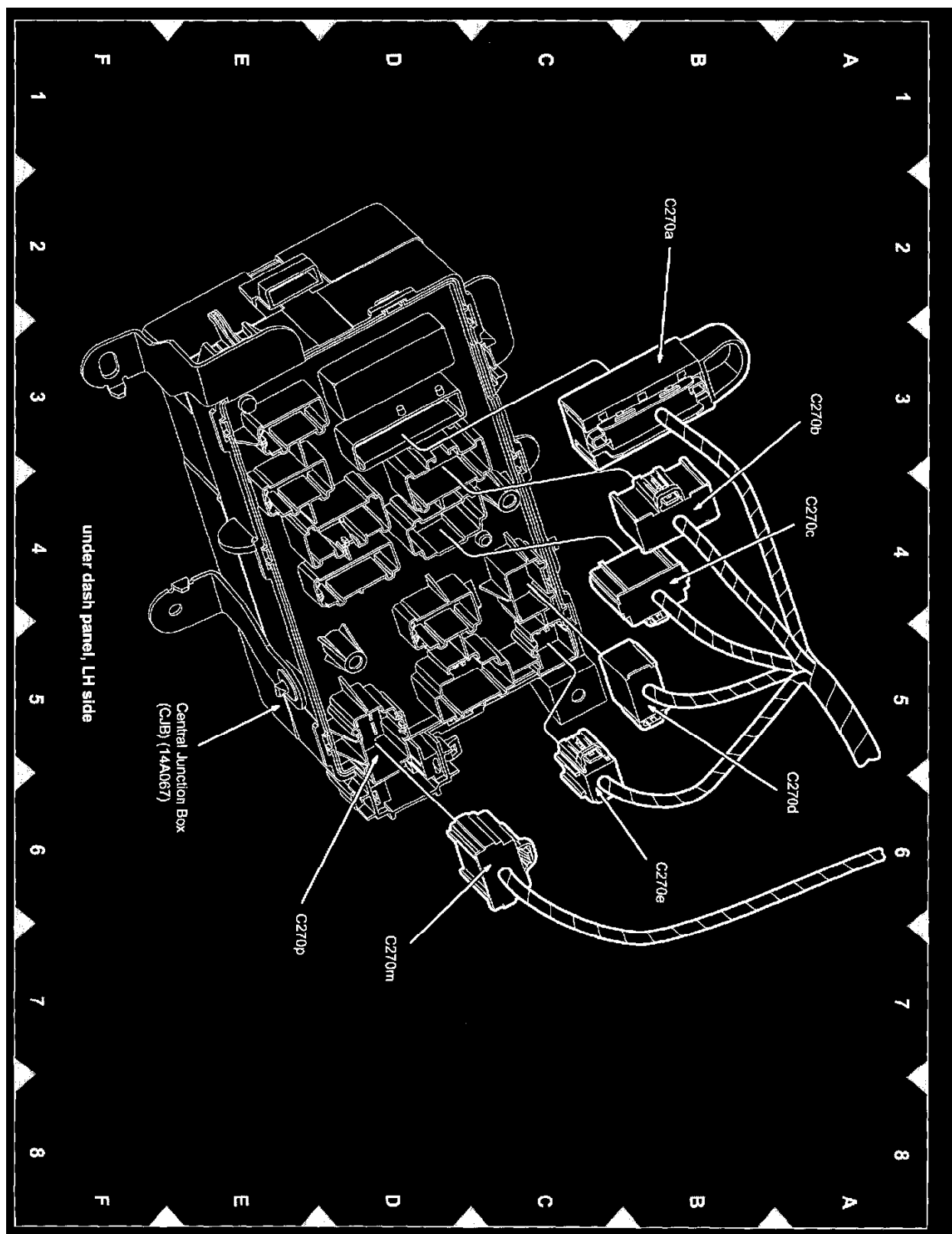
View 151-29



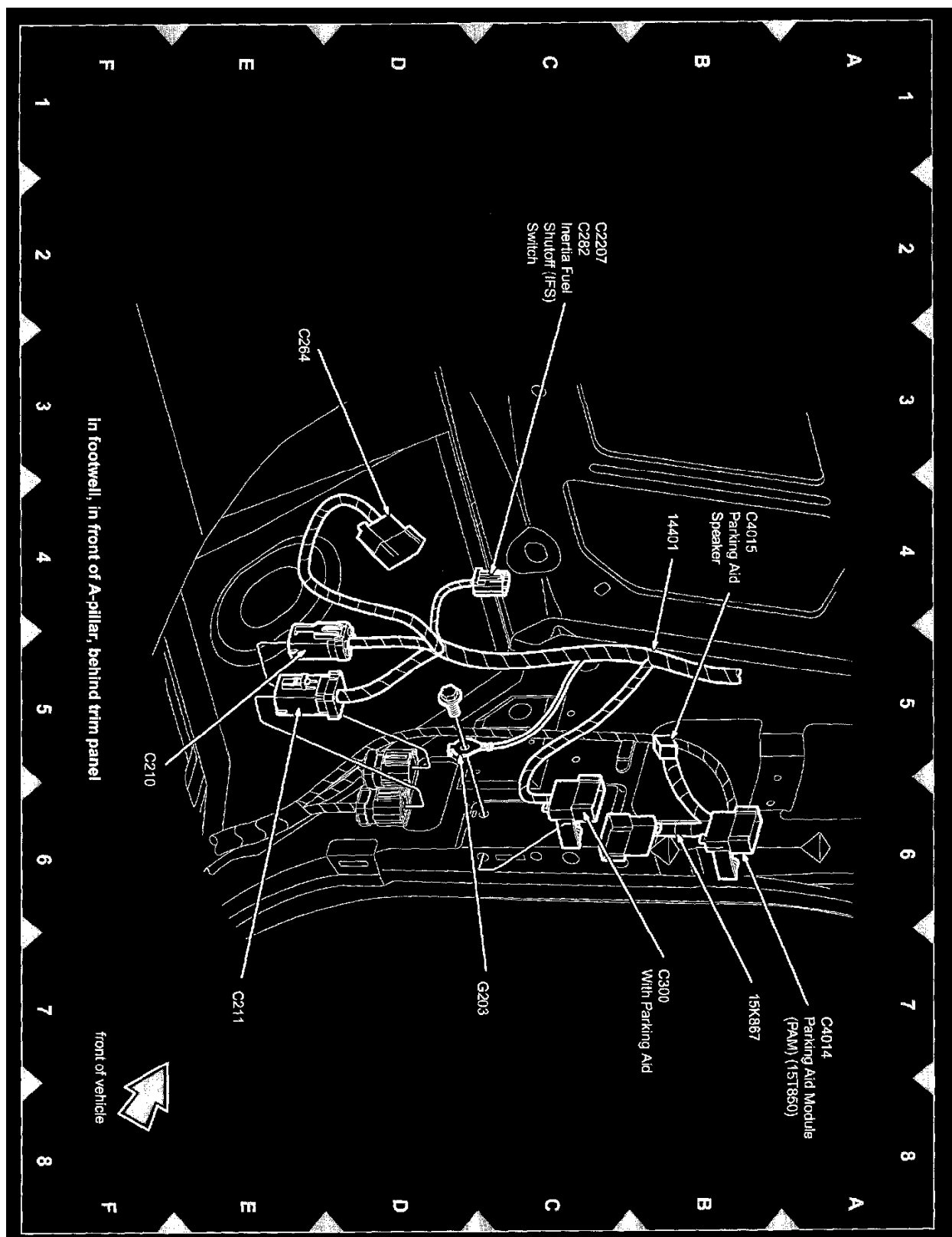
View 151-30



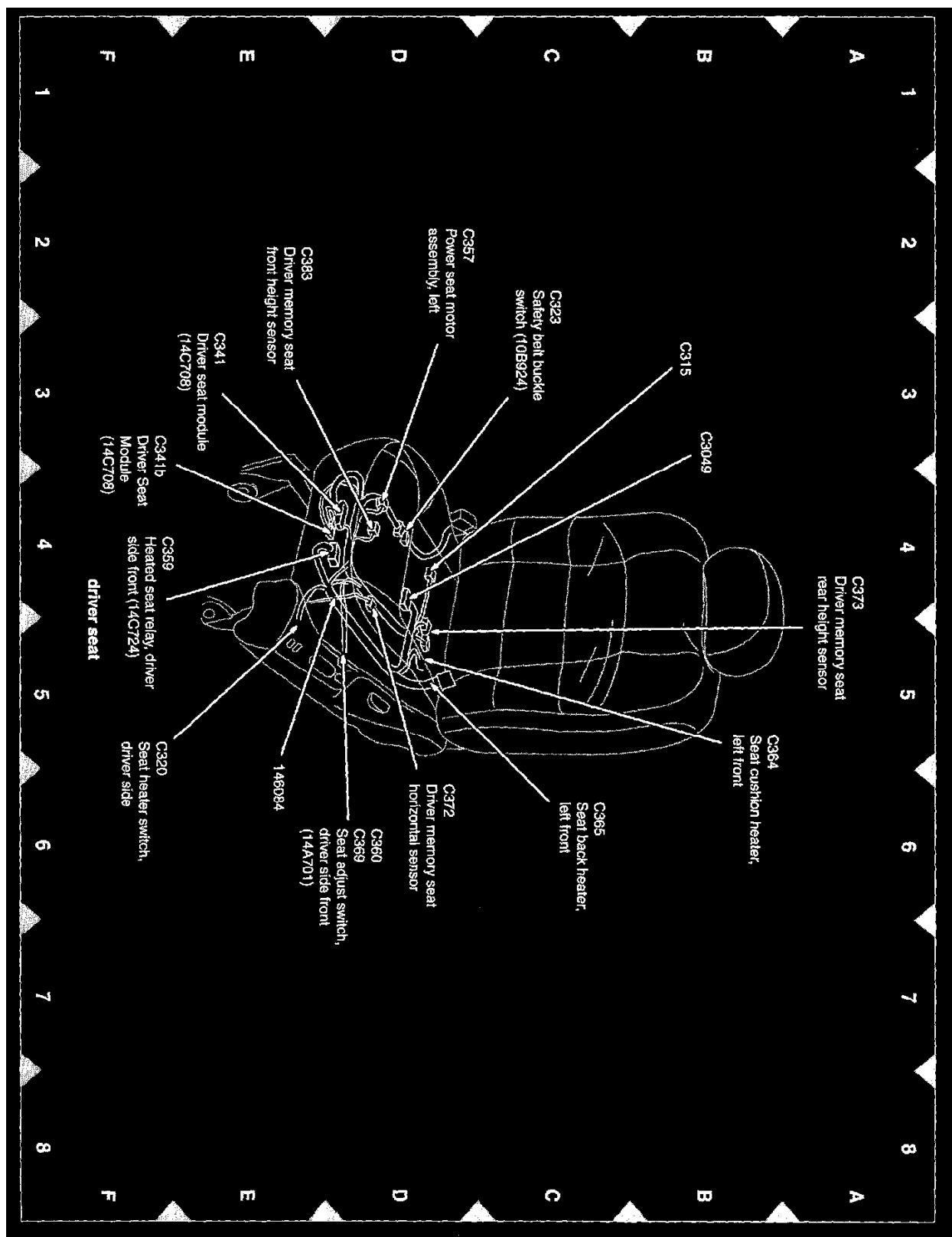
View 151-31



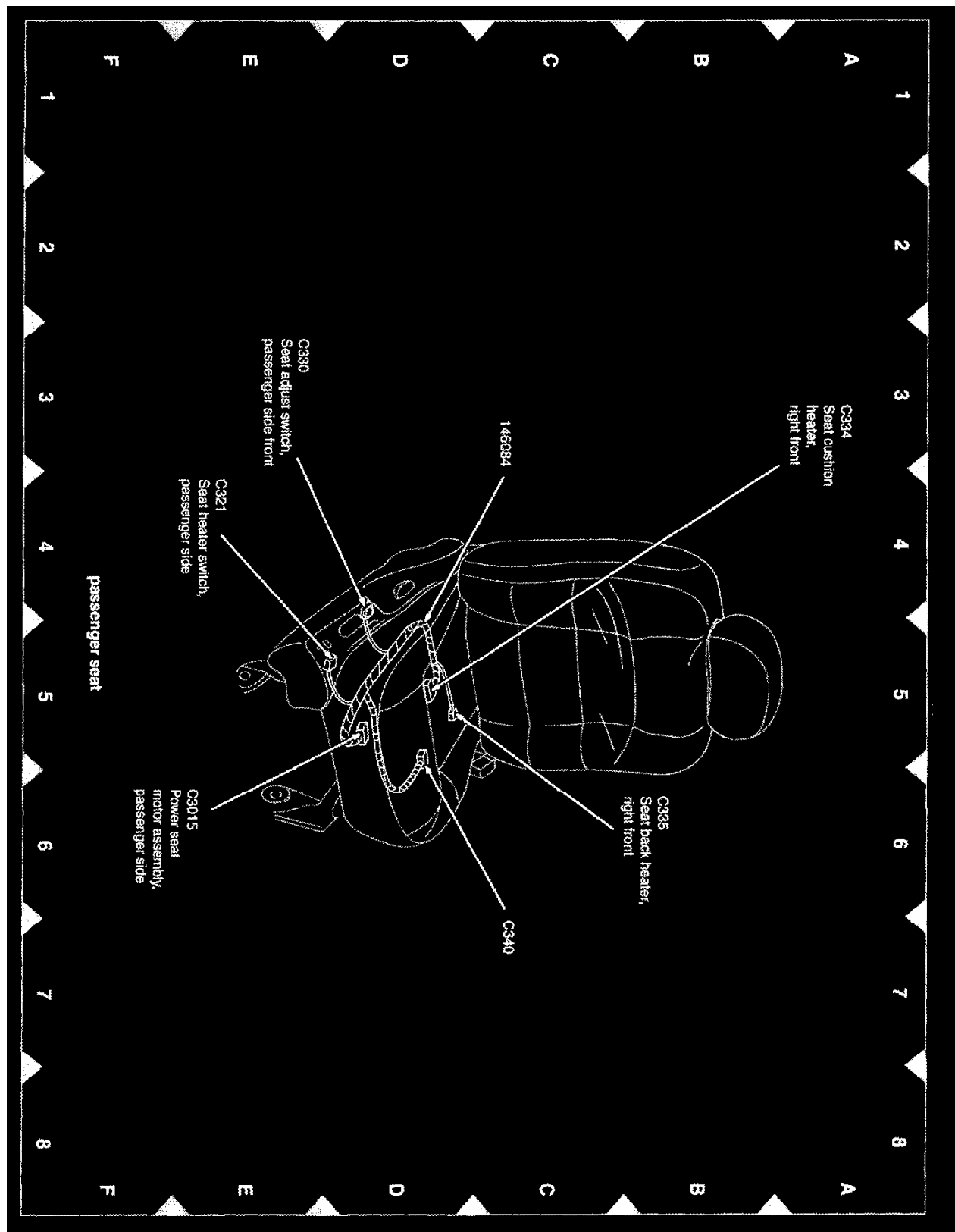
View 151-32



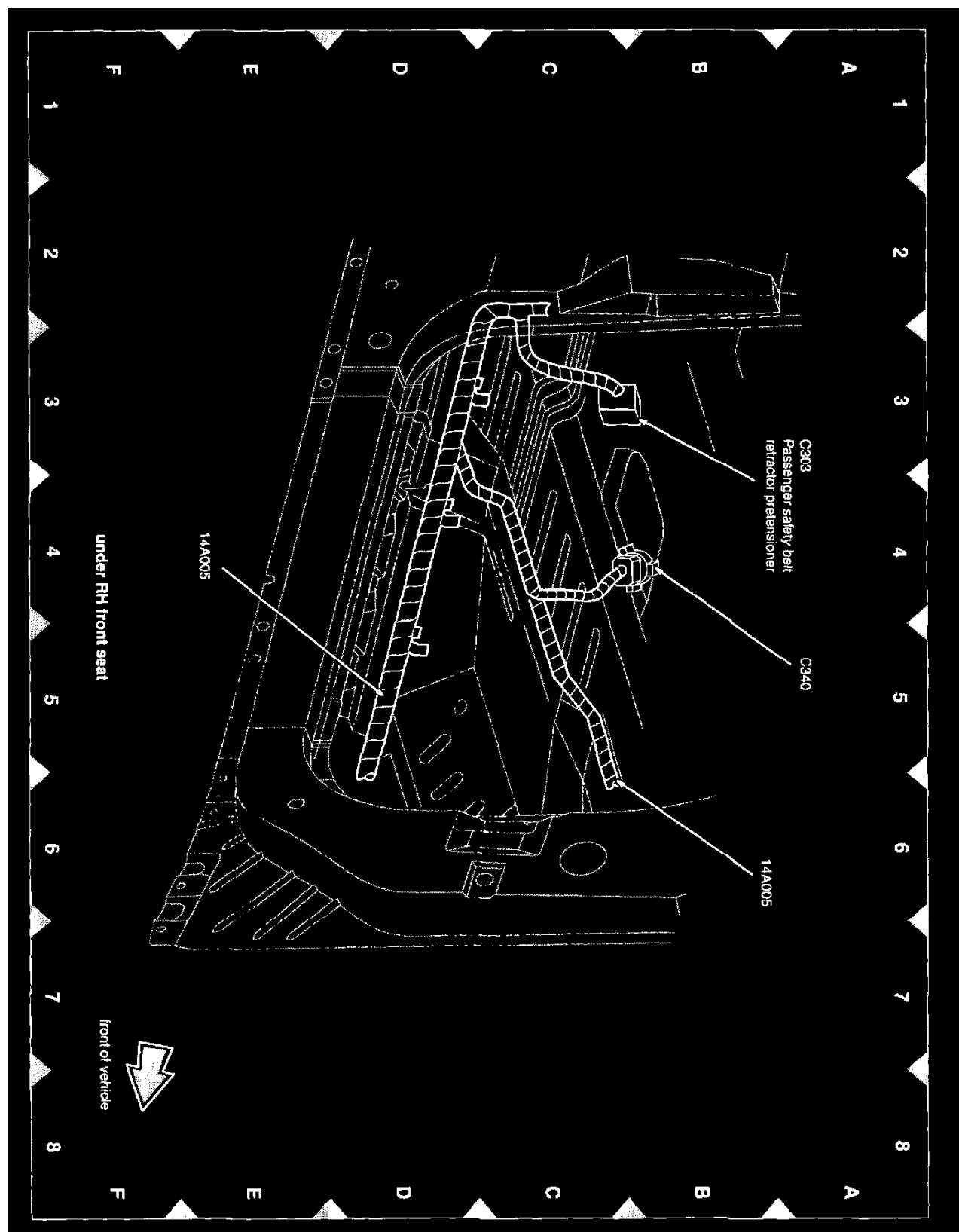
View 151-33



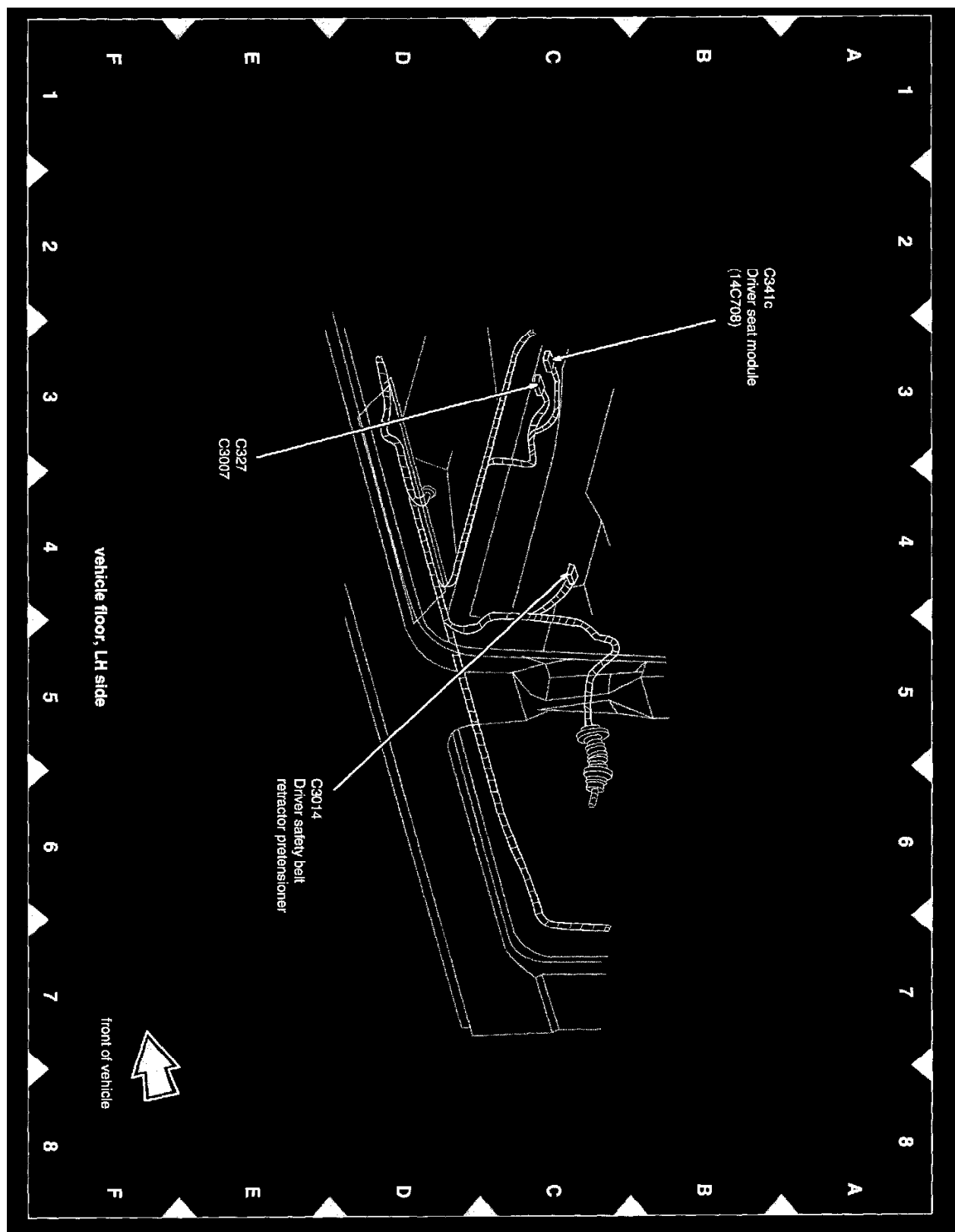
View 151-34



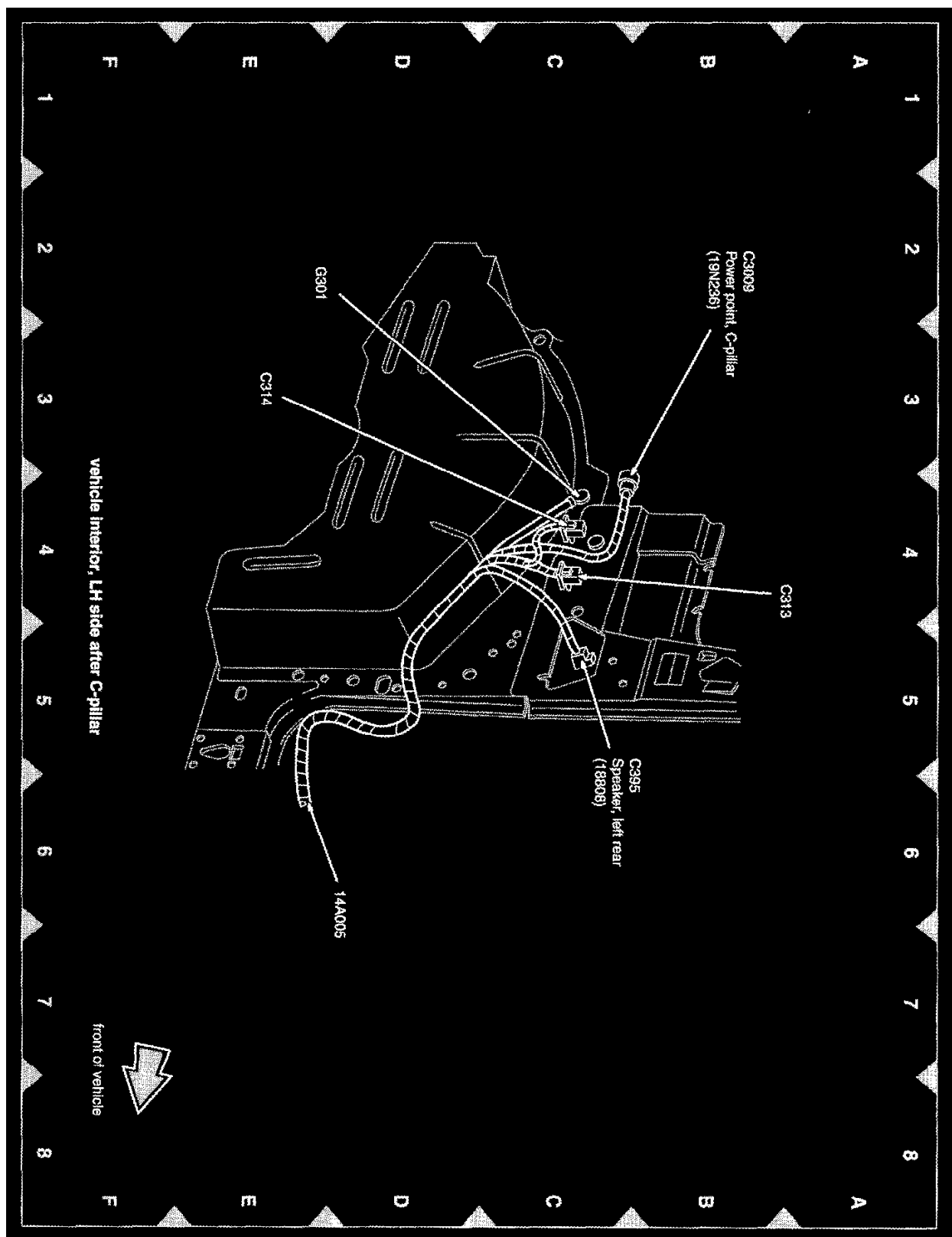
View 151-35



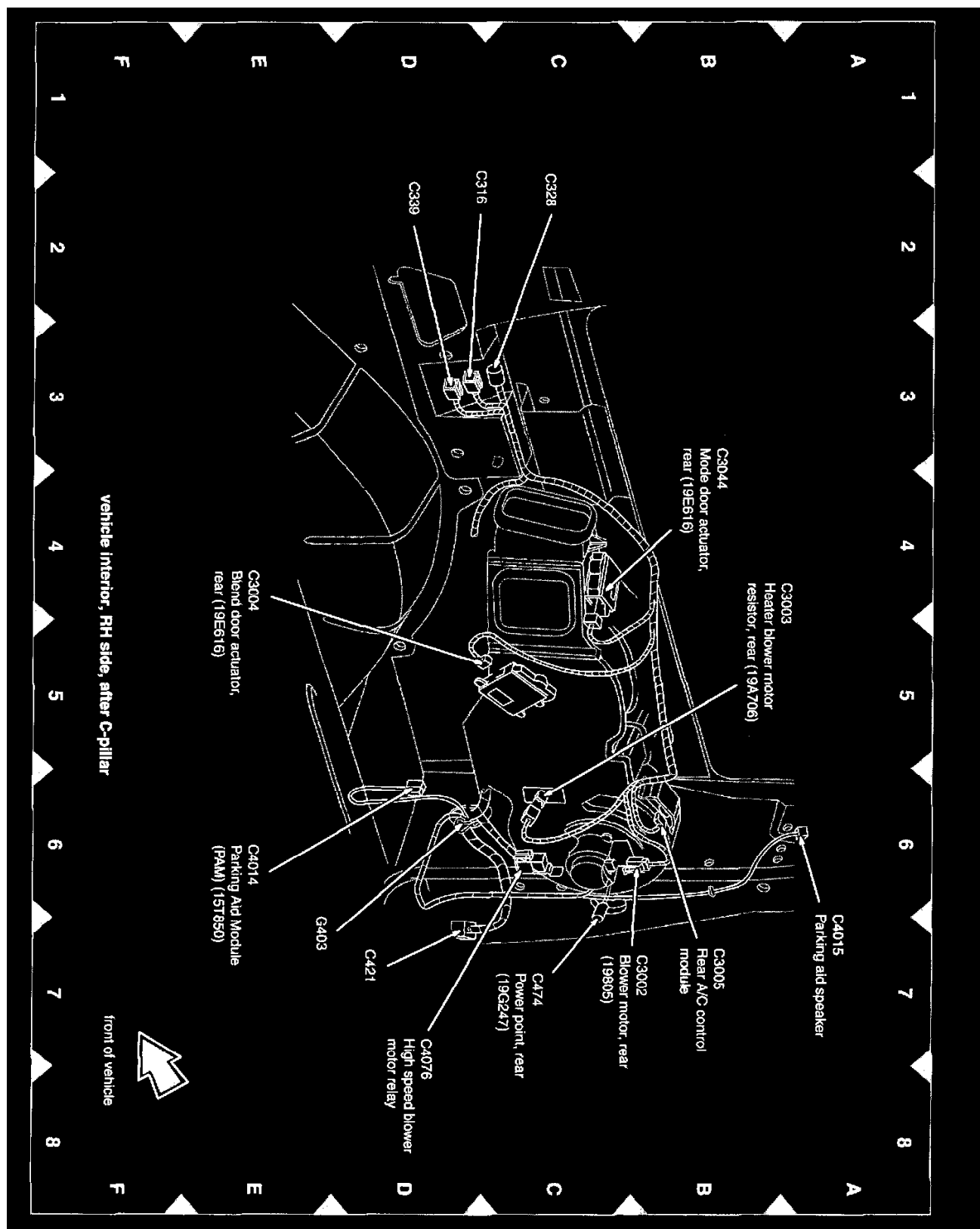
View 151-36



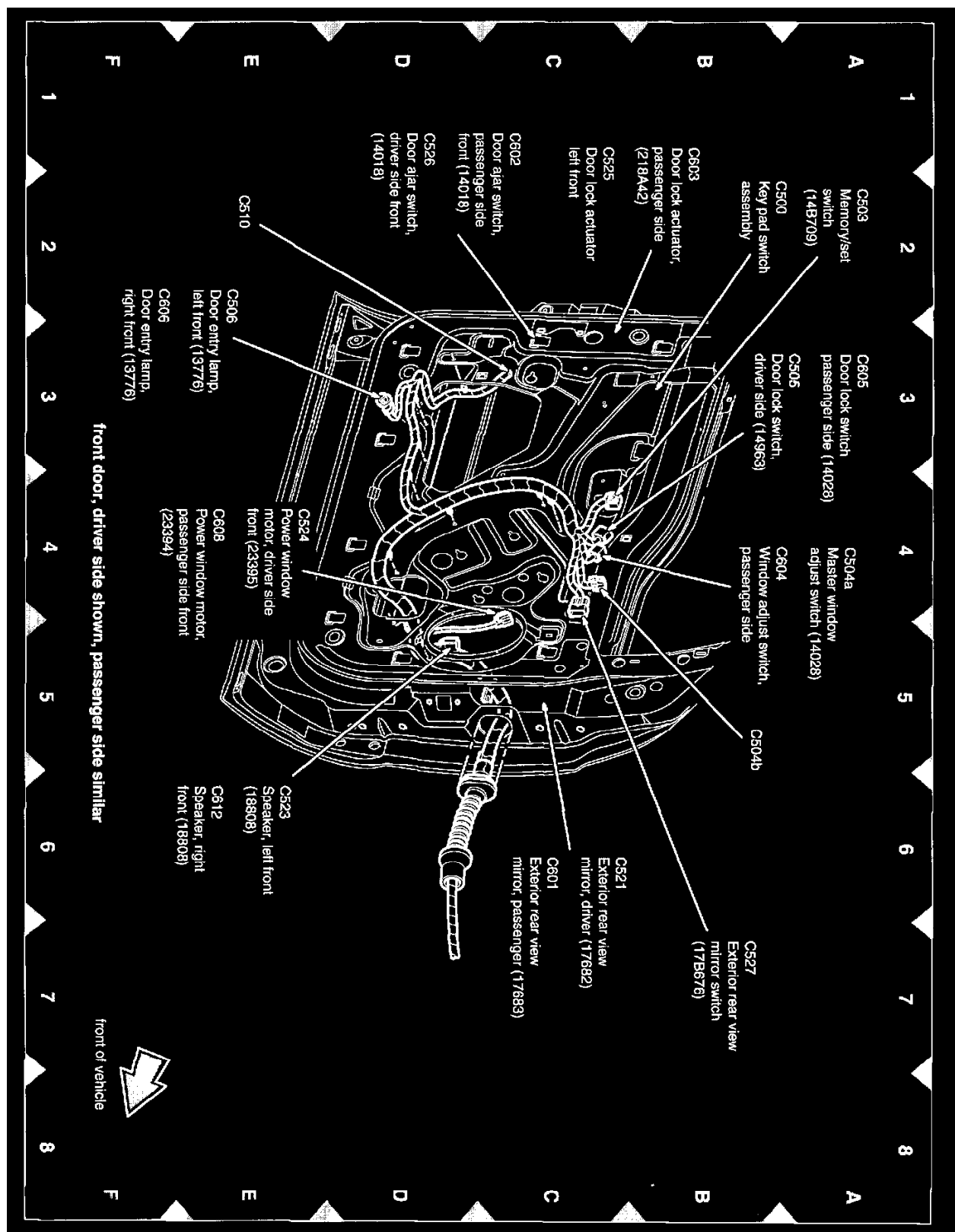
View 151-37



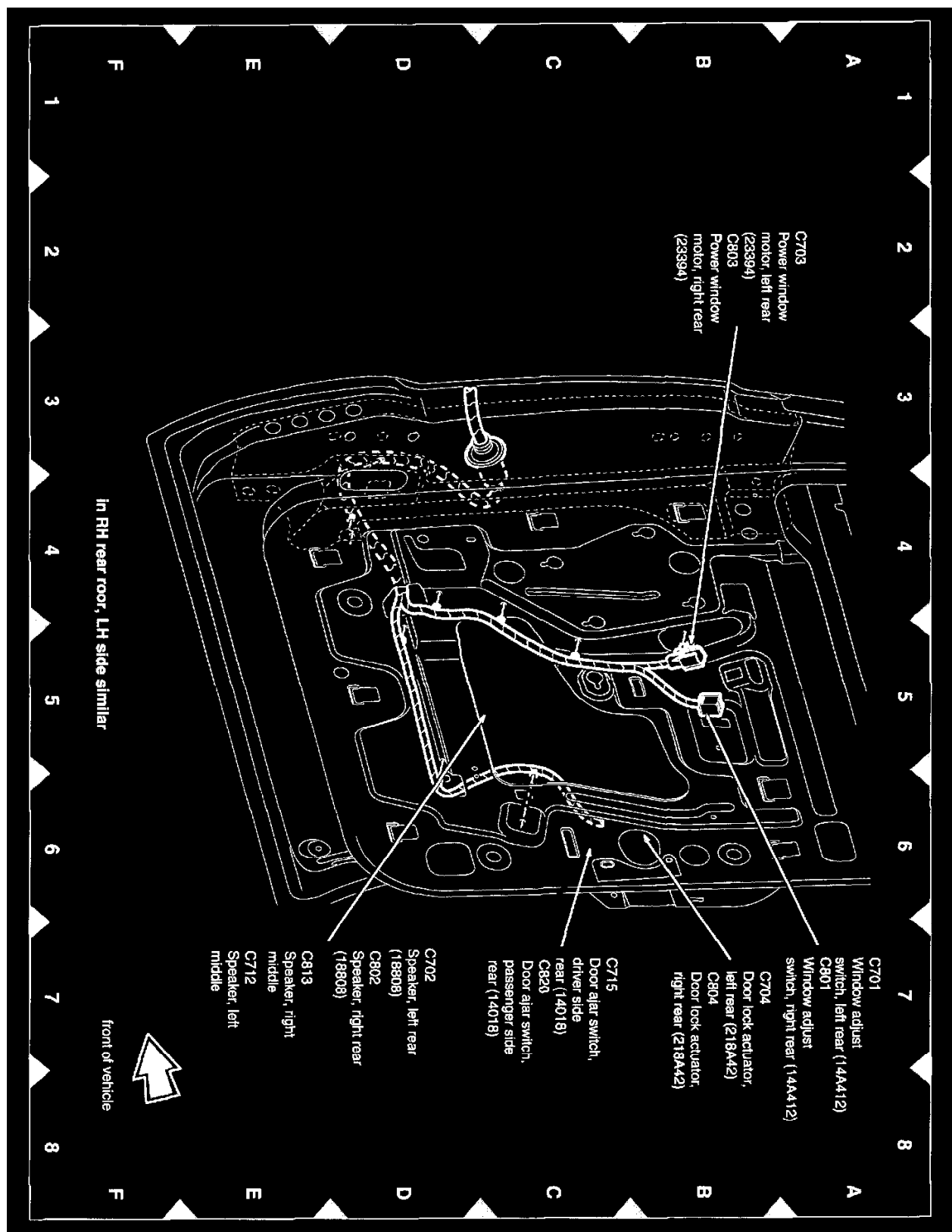
View 151-38



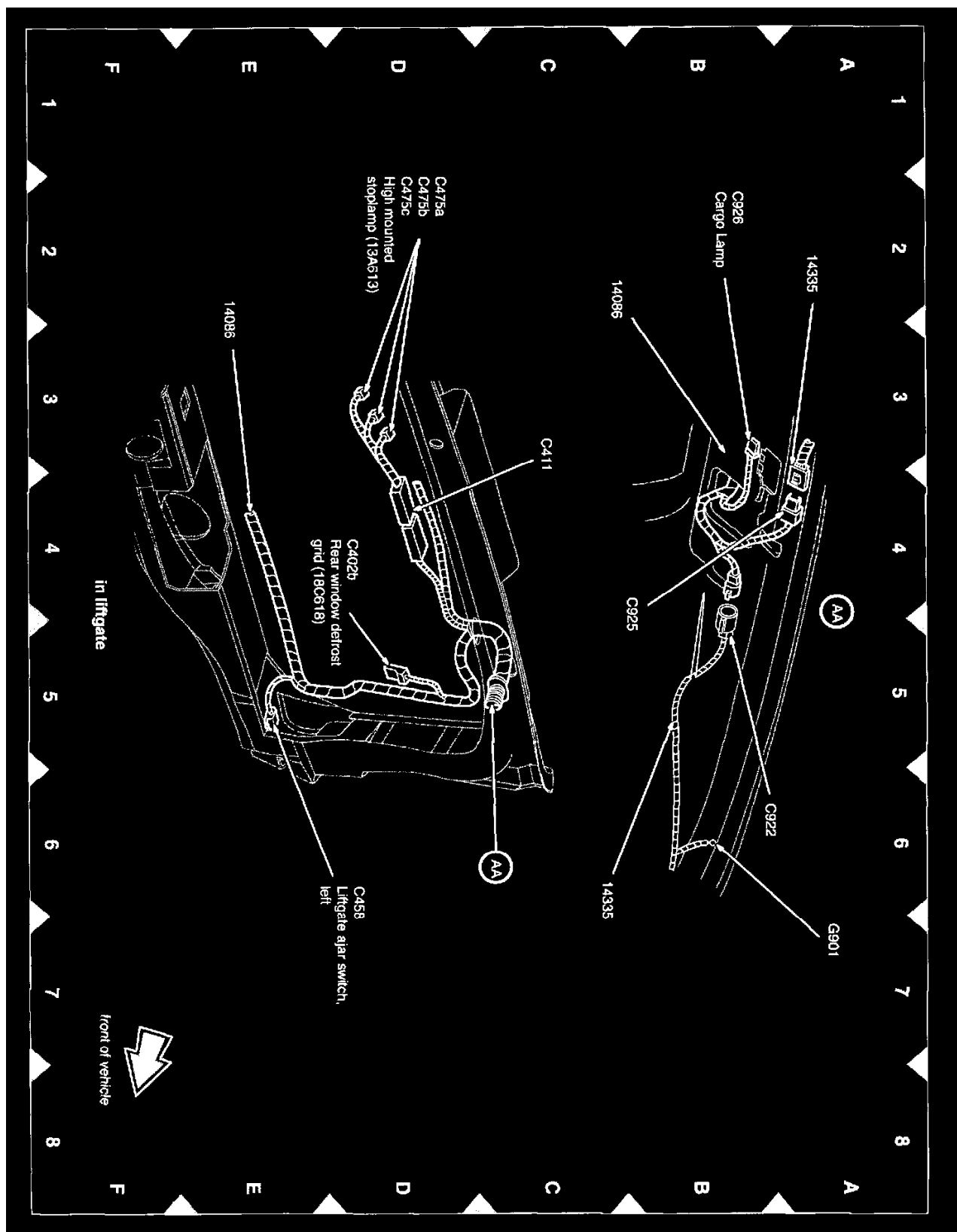
View 151-39



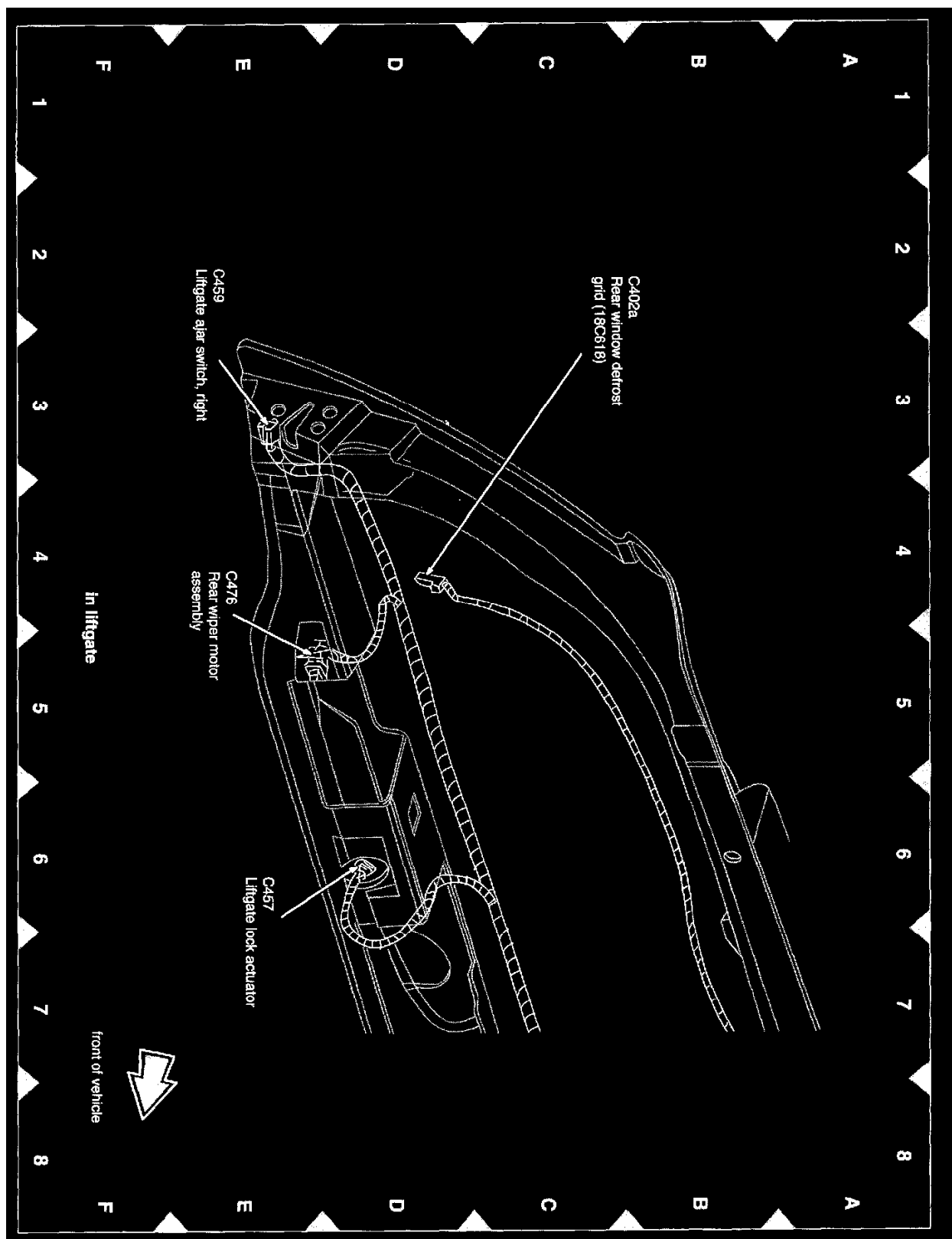
View 151-40



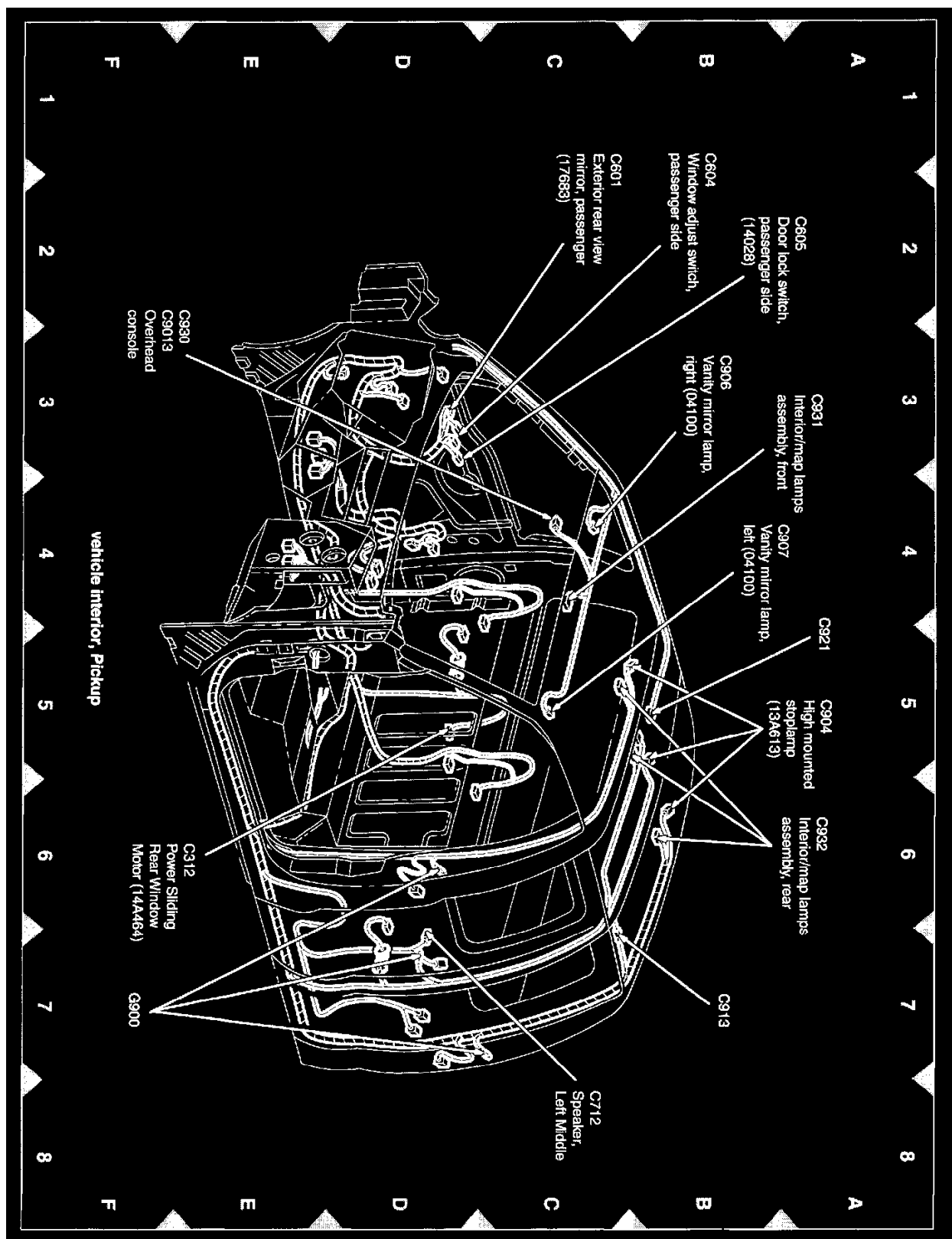
View 151-41



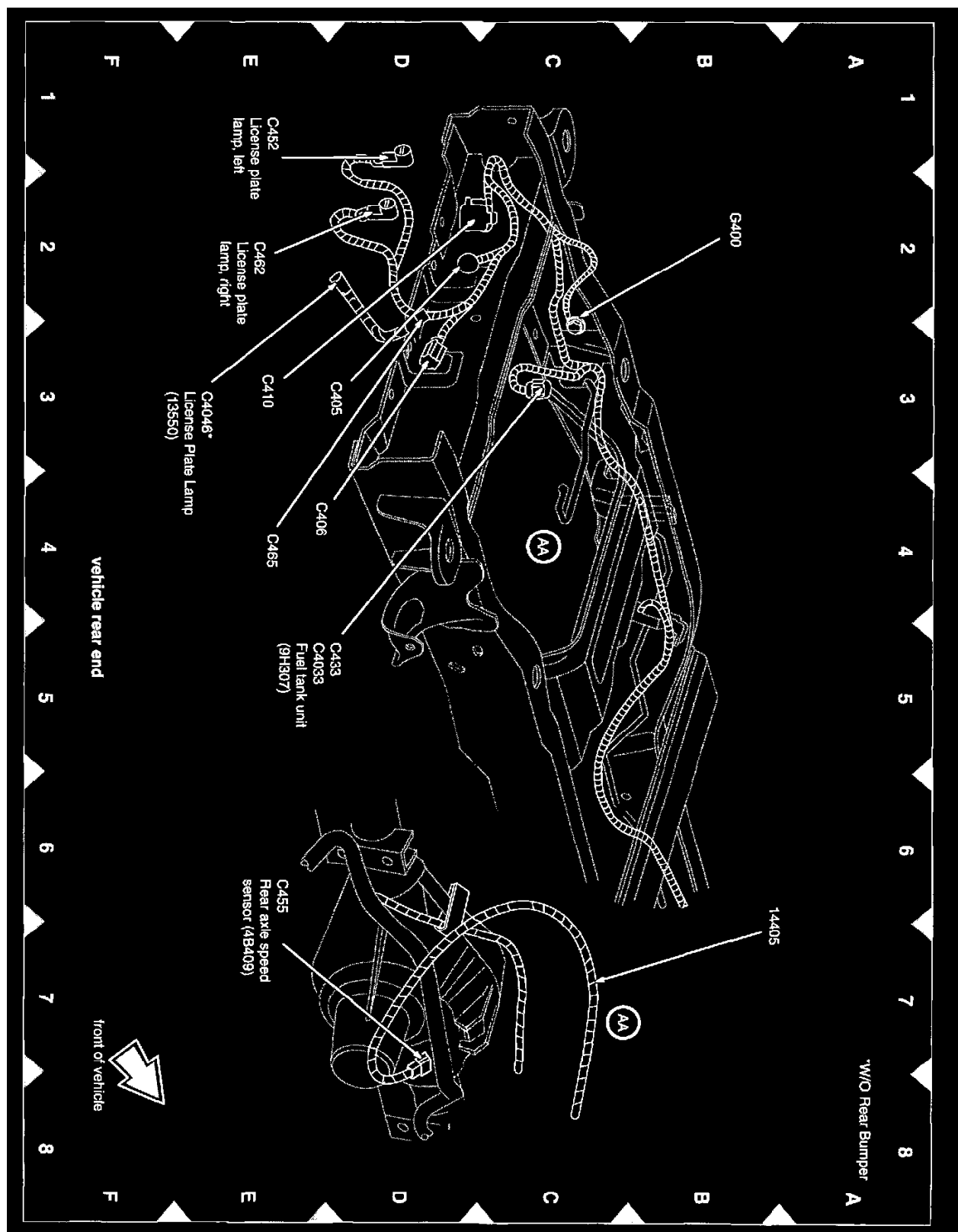
View 151-42



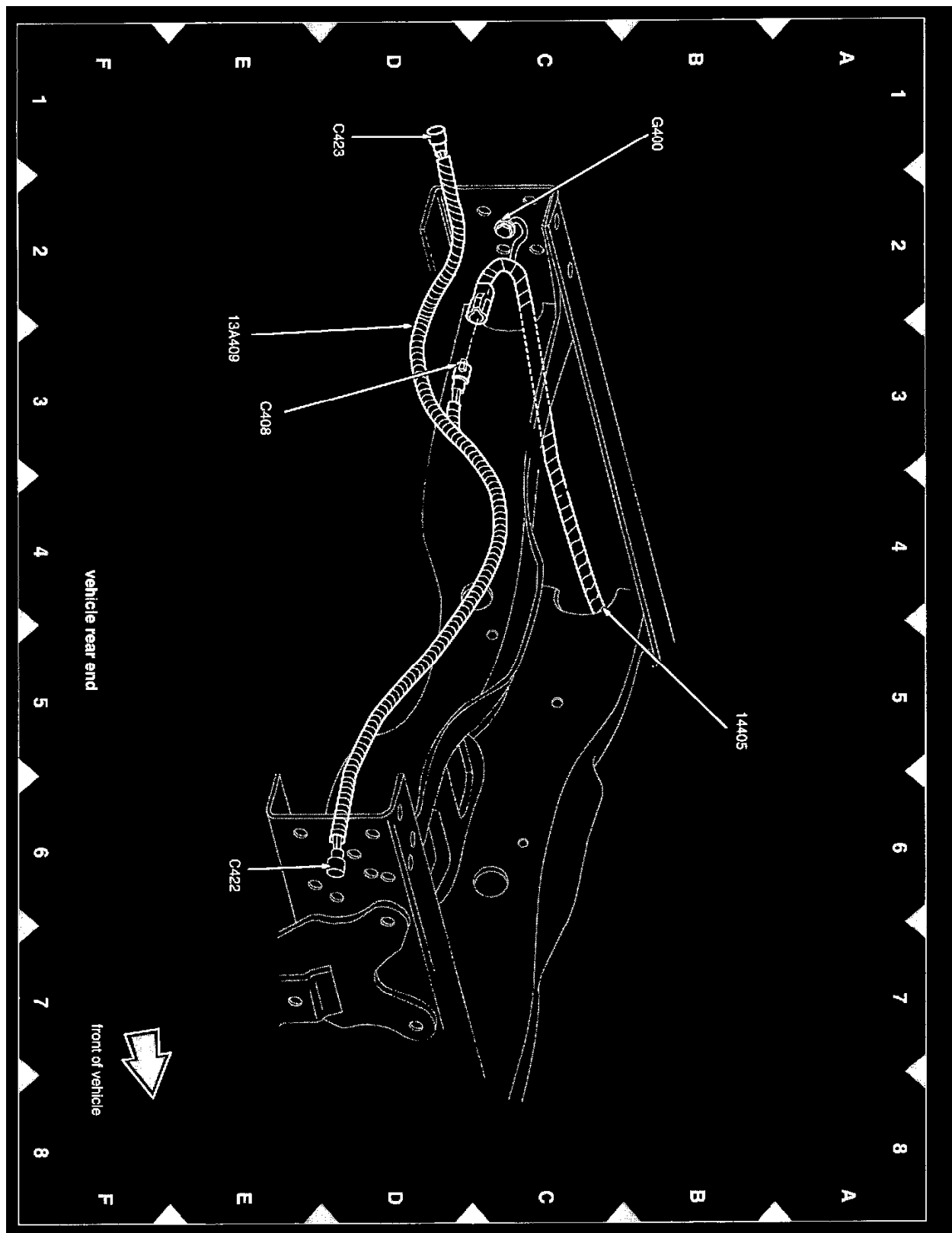
View 151-43



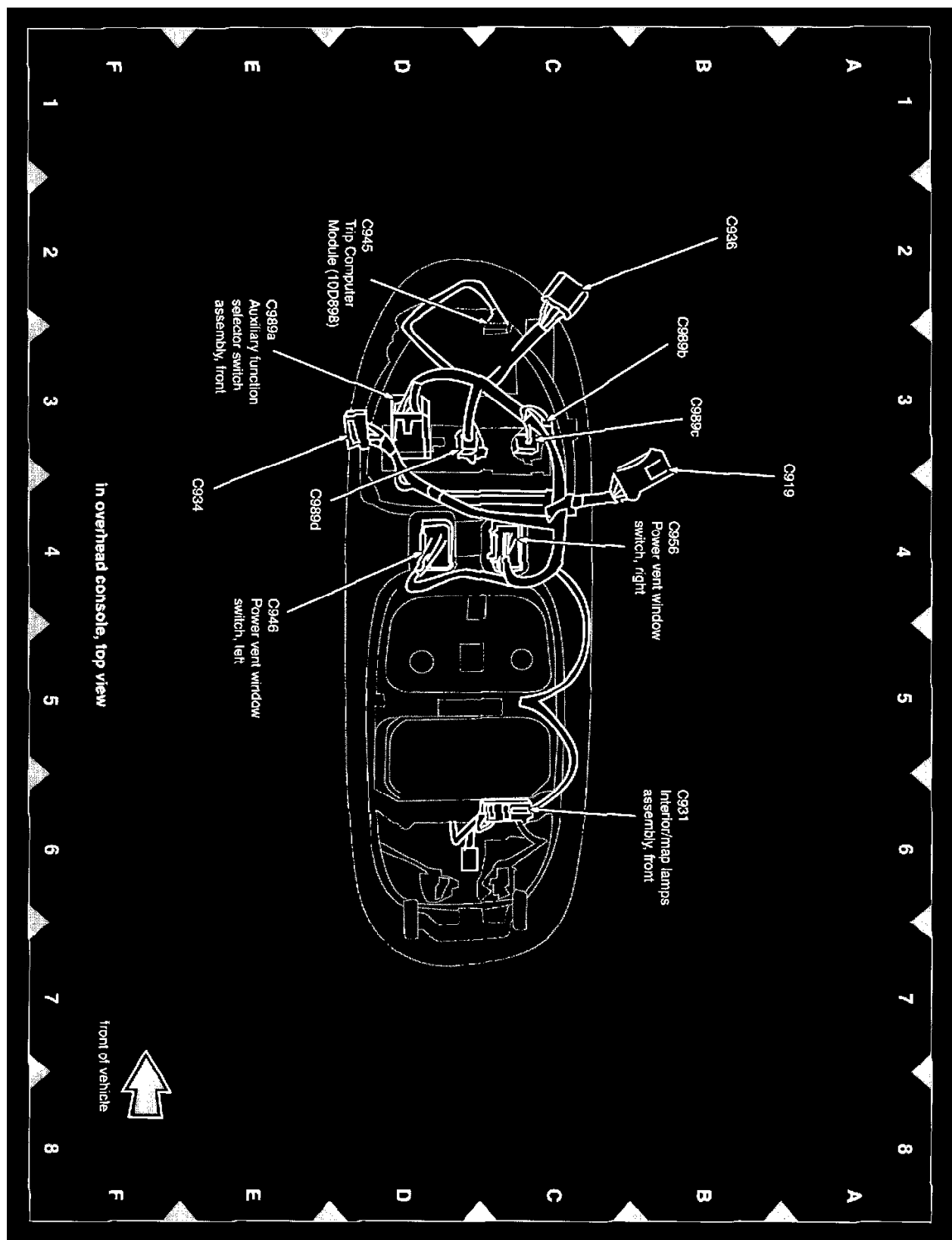
View 151-45



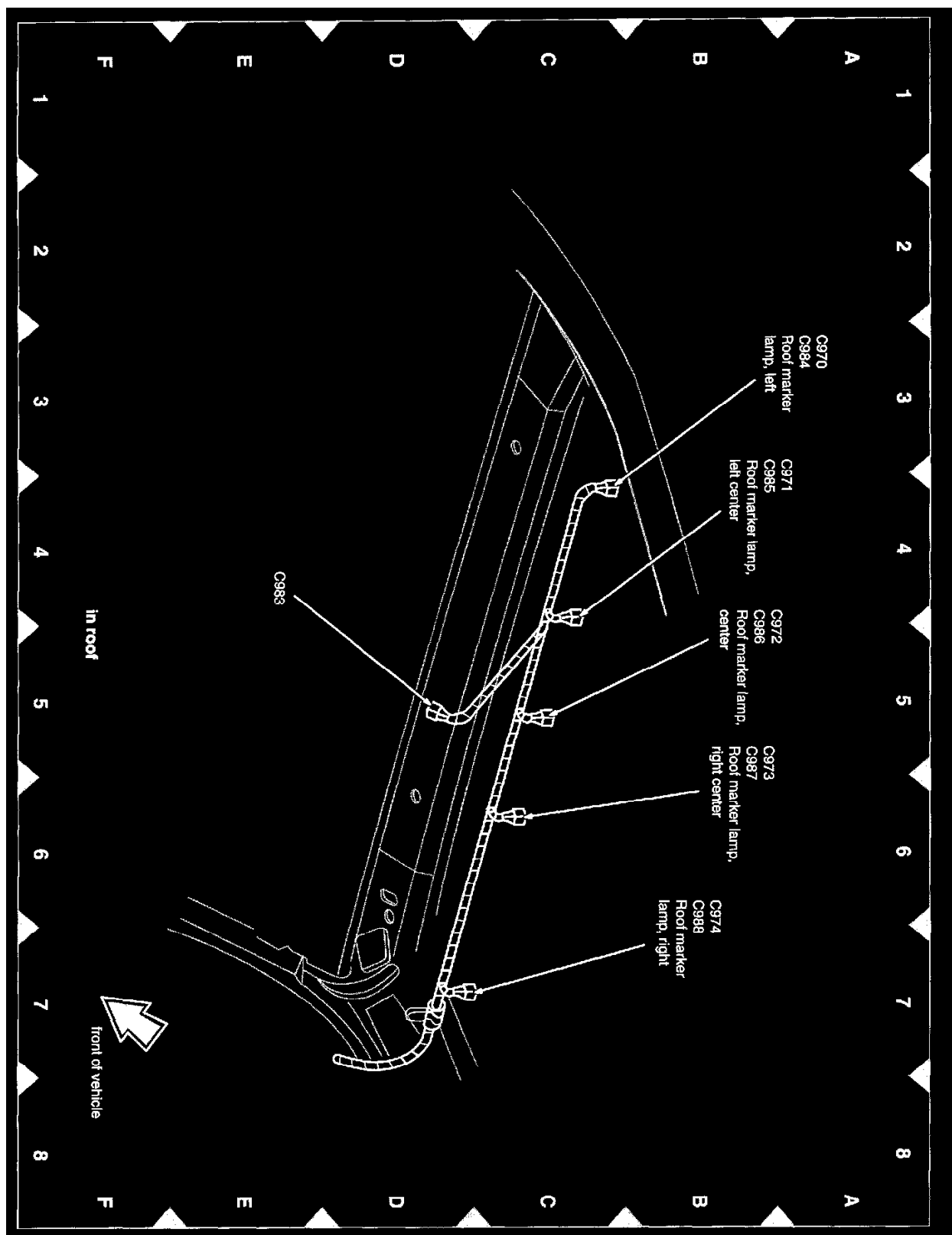
View 151-46



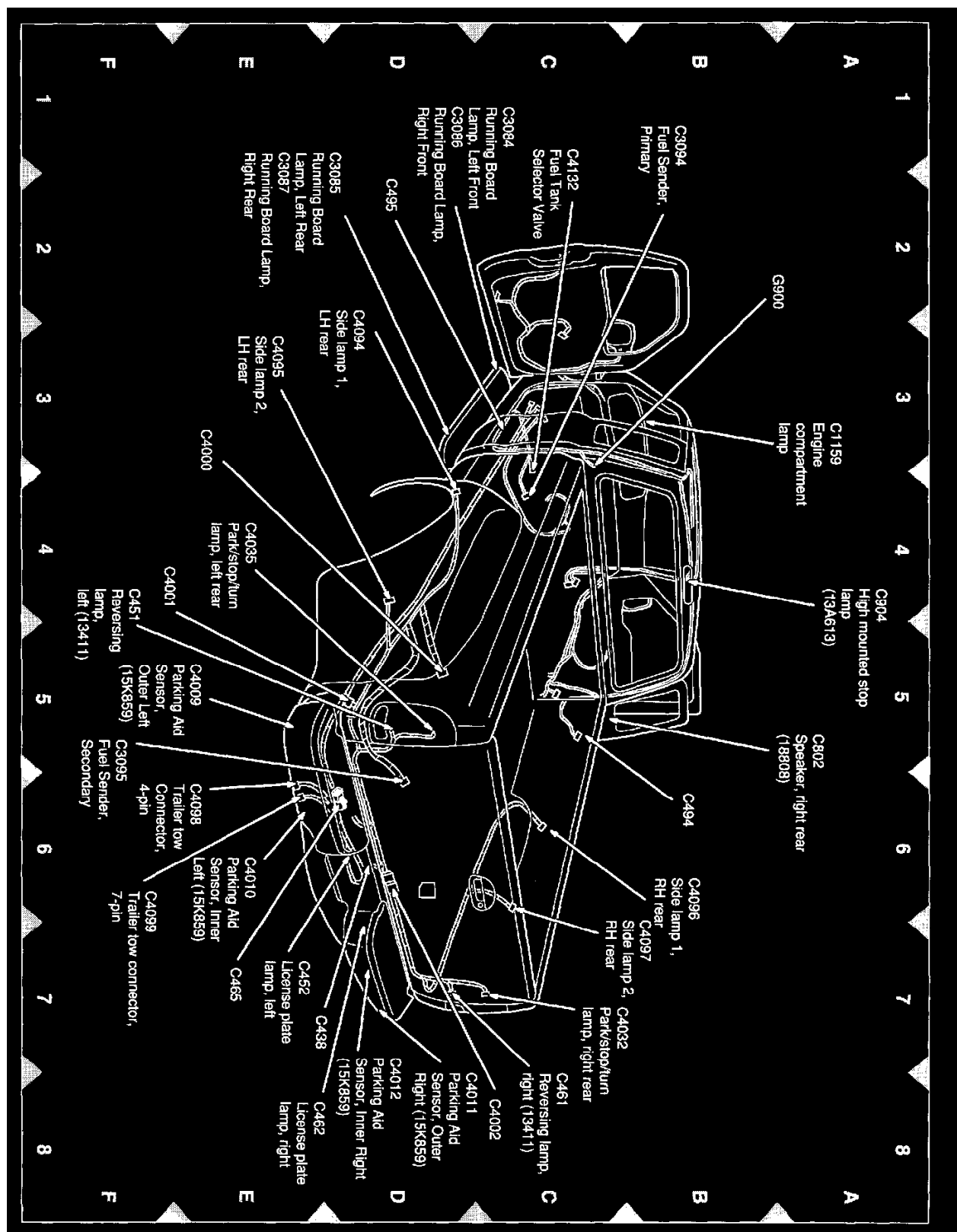
View 151-47



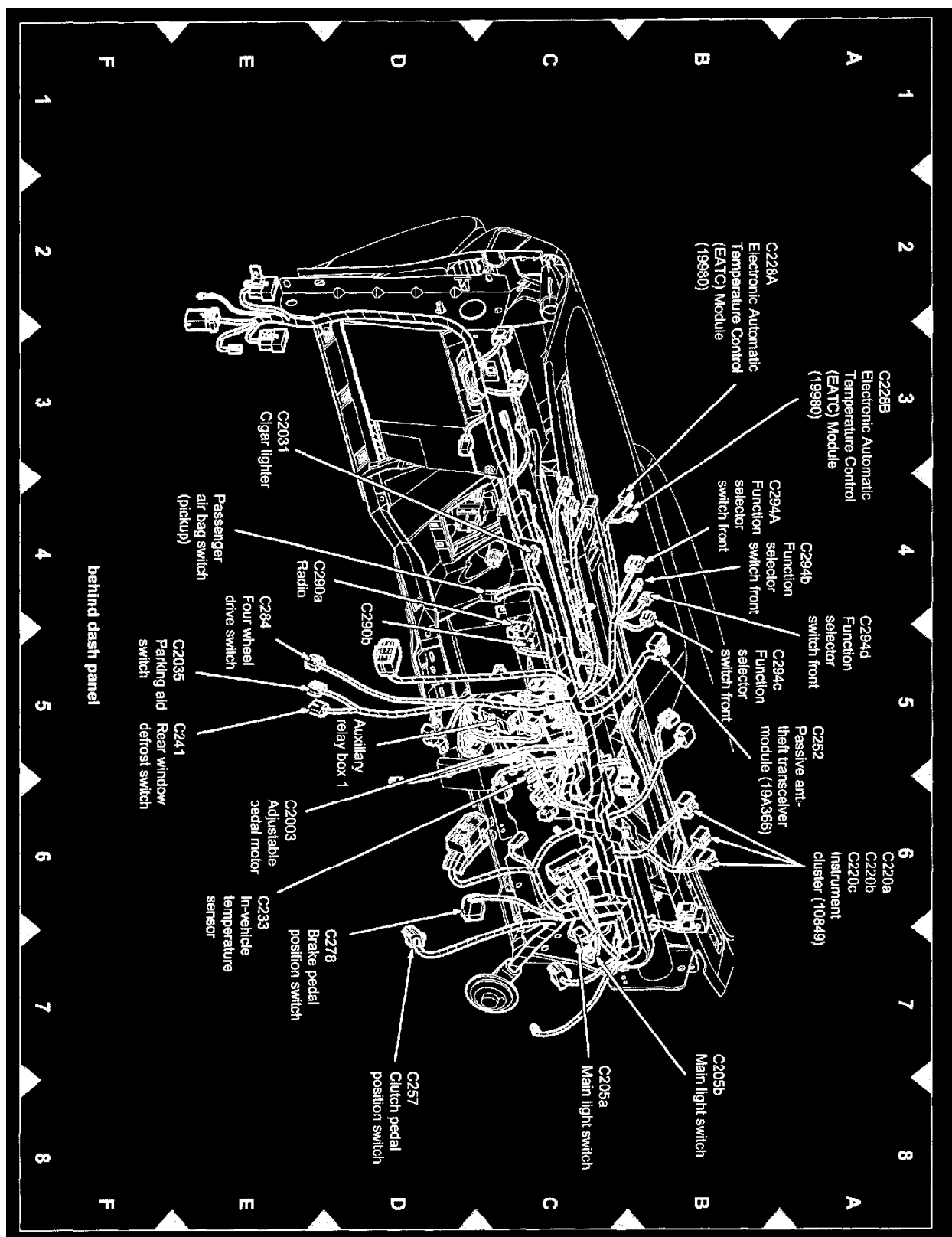
View 151-48



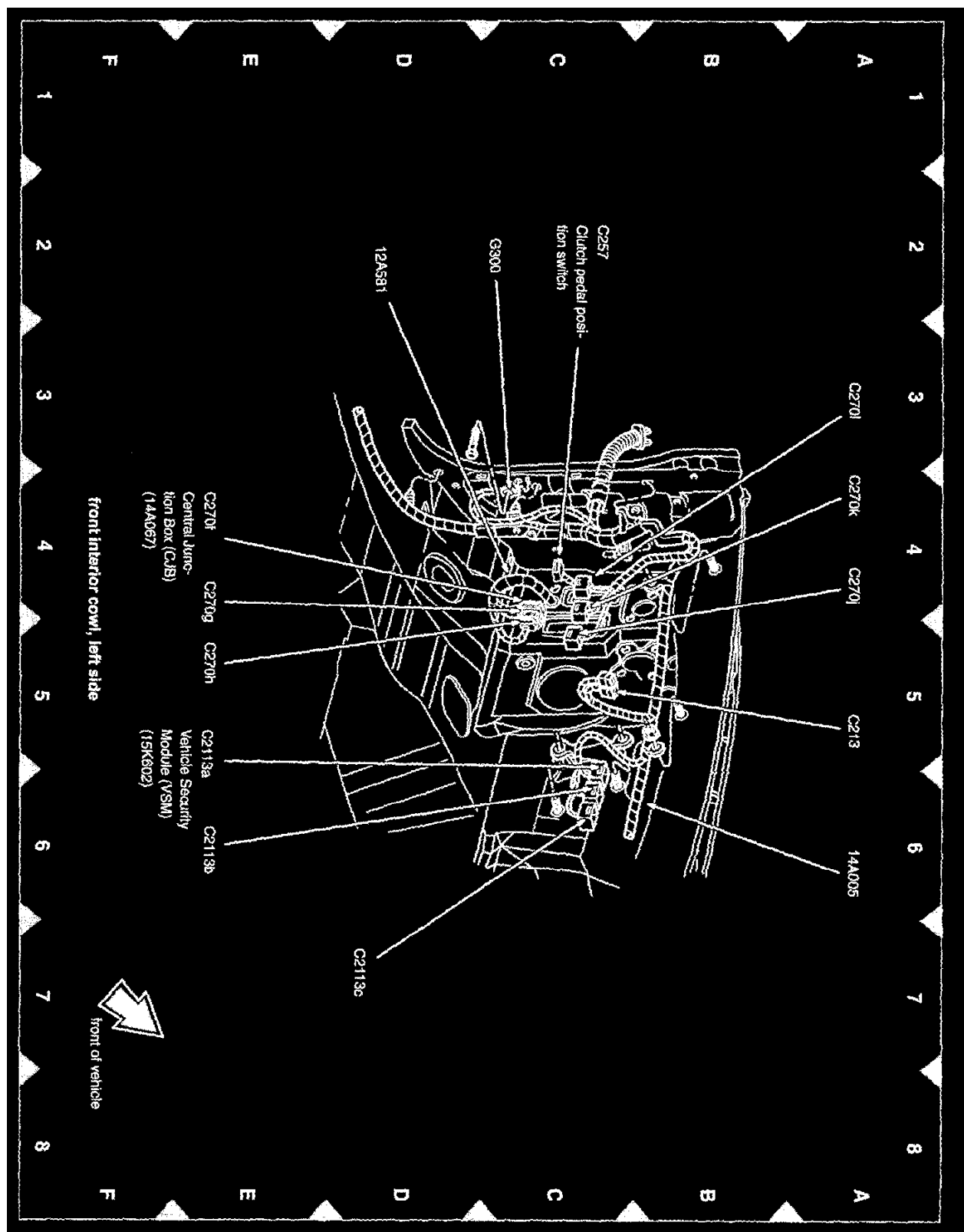
View 151-49



View 151-50



View 151-51



View 151-52

Splices			
Location			
S100	Wiring harness – Fog lamp jumper (15A211) near T/O to C1045	S119	Wiring harness – Engine control sensor (12A581) in T/O to C1381a
S101	Wiring harness – Fog lamp jumper (15A211) near T/O to C1045	S120	Wiring harness – Engine control sensor (12A581) in T/O to auxiliary relay box 5
S102	Wiring harness – Engine control sensor (12A581) near T/O to G101	S121	Wiring harness – Main (14401) near T/O to C1442
S103	Wiring harness – Engine control sensor (12A581) in T/O to auxiliary relay box 5-6.0L	S122	Wiring harness – Engine control sensor (12A581) near T/O to G100
S104	Wiring harness – Engine control sensor (12A581) near T/O to C150	S123	Wiring harness – Engine control sensor (12A581) near T/O to C150
S105	Wiring harness – Engine control sensor (12A581) near T/O to C146	S124	Wiring harness – Engine control sensor (12A581) near T/O to G100
S106	Wiring harness – Engine control sensor (12A581) in T/O to powertrain control module (PCM) (12A650)	S125	Wiring harness – Alternator rectifier system (14305) Cable assembly, battery positive
S107	Wiring harness – Engine control sensor (12A581) near T/O to C1443	S126	Wiring harness – Alternator rectifier system (14305) Cable assembly, battery positive
S108	Wiring harness – Engine control sensor (12A581) near T/O to C1443	S127	Wiring harness – Back up lamp switch to rear lamp feed (15525) in C1385
S110	Wiring harness – Engine control sensor (12A581) in T/O to C1381a	S128	Wiring harness – Back-up lamp switch to rear lamp feed (15525) in T/O to C1385
S112	Wiring harness – Engine control sensor (12A581) in T/O to C1381a	S129	Wiring harness – Back-up lamp switch to rear lamp feed (15525) in T/O to C1385
S113	Wiring harness – Engine control sensor (12A581) near T/O to G100	S130	Wiring harness – Engine control sensor and fuel charge (12B637) near T/O to C186
S114	Wiring harness – Engine control sensor (12A581) near T/O to G101	S131	Wiring harness – Engine control sensor and fuel charge (12B637) near T/O to C117
S115	Wiring harness – Engine control sensor (12A581) near T/O to G101	S132	Wiring harness – Engine control sensor and fuel charge (12B637) near T/O to C117
S116	Wiring harness – Engine control sensor (12A581) in T/O to C1381a	S133	Wiring harness – Engine control sensor and fuel charge (12B637) near T/O to C186
S117	Wiring harness – Engine control sensor (12A581) in T/O to C1381a	S134	Wiring harness – Engine control sensor and fuel charge (12B637) near T/O to C118
S118	Wiring harness – Engine control sensor (12A581) in T/O to C1381a	S135	Wiring harness – Engine control sensor and fuel charge (12B637) near T/O to C183
		S136	Wiring harness – Engine control sensor and fuel charge (12B637) near T/O to C113
		S137	Wiring harness – Main (14401) near T/O to C1442
		S138	Wiring harness – Back up lamp switch to rear lamp feed (15525) in T/O to C168

Splices		Location
S139		Wiring harness – Back up lamp switch to rear lamp feed (15525) in T/O to C168
S141		Wiring harness – Engine control sensor (12A581) near T/O to C138.1a
S143		Wiring harness – Alternator rectifier system (14305) in T/O to C1251a
S144		Wiring harness – Main (14401) near T/O to C1442
S145		Wiring harness – Engine control sensor and fuel charge (12B637) near T/O to C110
S149		Wiring harness – Alternator rectifier system (14305) Cable assembly, battery positive
S152		Wiring harness – Engine control sensor (12A581) in T/O to C1032
S157		Wiring harness – Engine control sensor (12A581) in T/O to C1308
S158		Wiring harness – Engine control sensor (12A581) in T/O to C1308
S159		Wiring harness – Engine control sensor (12A581) near T/O to C1021
S160		Wiring harness – Engine control sensor (12A581) near T/O to C270h
S162		Wiring harness – Engine control sensor (12A581) near T/O to G100
S163		Wiring harness – Engine control sensor (12A581) near T/O to C1045
S165		Wiring harness – Alternator rectifier system (14305) in T/O to C1251a
S166		Wiring harness – Alternator rectifier system (14305) in T/O to C1251a
S169		Wiring harness – Engine control sensor (12A581) in T/O to C1045
S170		Wiring harness – Engine control sensor (12A581) near T/O to C1025
S171		Wiring harness – Engine control sensor (12A581) in T/O to auxiliary relay box 5
S172		Wiring harness – Engine control sensor (12A581) near T/O to C1443
S173		Wiring harness – Engine control sensor (12A581) near T/O to G100
S174		Wiring harness – Engine control sensor (12A581) in T/O to C1047
S178		Wiring harness – Engine control sensor (12A581) near T/O to C124
S180		Wiring harness – Engine control sensor (12A581) near T/O to C1041
S181		Wiring harness – Engine control sensor (12A581) near T/O to C146
S182		Wiring harness – Engine control sensor (12A581) near T/O to G100
S191		Wiring harness – Main (14401) near T/O to C146
S198		Wiring harness – DTRL kit (13K027) near T/O to C1047
S199		Wiring harness – Back up lamp switch to rear lamp feed (15525) in T/O to auxiliary relay box 3
S201		Wiring harness – Main (14401) near T/O to instrument cluster
S202		Wiring harness – Main (14401) in T/O to C2041
S203		Wiring harness – Main (14401) near T/O to instrument cluster
S204		Wiring harness – Main (14401) near T/O to C264
S205		Wiring harness – Main (14401) near T/O to C278
S206		Wiring harness – Main (14401) near T/O to C218b
S207		Wiring harness – Main (14401) near T/O to C250
S208		Wiring harness – Main (14401) near T/O to C264
S209		Wiring harness – Main (14401) in T/O to C252

Splices	Location		
S210	Wiring harness – Main (14401) near T/O to C250	S232	Wiring harness – Main (14401) near T/O to auxiliary relay box 1
S213	Wiring harness – Main (14401) near T/O to C291	S233	Wiring harness – Body main (14A005) near grommet, right front door
S214	Wiring harness – Main (14401) near T/O to C278	S234	Wiring harness – Main (14401) near T/O to C1393
S215	Wiring harness – Main (14401) near T/O to C205a	S235	Wiring harness – Main (14401) near T/O to auxiliary relay box 1
S216	Wiring harness – Main (14401) near T/O to C218b	S236	Wiring harness – Body main (14A005) near T/O to C303
S217	Wiring harness – Main (14401) near T/O to instrument cluster	S240	Wiring harness – Main (14401) near T/O to C278
S218	Wiring harness – Main (14401) near T/O to instrument cluster	S242	Wiring harness – Main (14401) in T/O to Data Link Connector (DLC) (14489)
S219	Wiring harness – Main (14401) near T/O to C286	S244	Wiring harness – Main (14401) near T/O to C278
S221	Wiring harness – Main (14401) in T/O to instrument cluster	S245	Wiring harness – Main (14401) near T/O to C2041
S222	Wiring harness – Main (14401) near T/O to C250	S246	Wiring harness – Main (14401) near T/O to C2041
S223	Wiring harness – Main (14401) near T/O to C291	S247	Wiring harness – Main (14401) near T/O to C256
S224	Wiring harness – Main (14401) near T/O to C210	S248	Wiring harness – Main (14401) in T/O to C228a, C228b
S225	Wiring harness – Main (14401) near T/O to instrument cluster	S249	Wiring harness – Main (14401) in T/O to Auxiliary relay box 1
S226	Wiring harness – Main (14401) near T/O to C2041	S250	Wiring harness – Back up lamp switch to rear lamp feed (15525) in T/O to auxiliary relay box 3
S228	Wiring harness – Main (14401) near T/O to instrument cluster	S252	Wiring harness – Main (14401) near T/O to C218b
S229	Wiring harness – Main (14401) near T/O to instrument cluster	S253	Wiring harness – Main (14401) in T/O to instrument cluster
S230	Wiring harness – Main (14401) near T/O to C2041	S254	Wiring harness – Main (14401) in T/O to instrument cluster
S231	Wiring harness – Main (14401) near T/O to C1393	S255	Wiring harness – Back up lamp switch to rear lamp feed (15525) near T/O to C193
		S257	Wiring harness – Main (14401) near T/O to C289

S210-S257

Splices	Location	S292	Wiring harness – Body main (14A005) in T/O to C210
S258	Wiring harness – Main (14401) near T/O to C278	S293	Wiring harness – Body main (14A005) in T/O to C213
S259	Wiring harness – Main (14401) near T/O to C278	S294	Wiring harness – Body main (14A005) near T/O to C213
S265	Wiring harness – Main (14401) near T/O to G300	S297	Wiring harness – Body main (14A005) near T/O to G300
S268	Wiring harness – Main (14401) in T/O to instrument cluster	S298	Wiring harness – Main (14401) in T/O to instrument cluster
S271	Wiring harness – Main (14401) near T/O to instrument cluster	S299	Wiring harness – Main (14401) in T/O to C2041
S272	Wiring harness – Main (14401) near T/O to C205a	S300	Wiring harness – Body main (14A005) near T/O to G900
S278	Wiring harness – Main (14401) in T/O to instrument cluster	S301	Wiring harness – Passenger, driver seat jumper (14B084) near T/O to C323
S279	Wiring harness – Body main (14A005) near T/O to Central Junction Box (CJB) – Excursion	S302	Wiring harness – Body main (14A005) near T/O to C340
S279	Wiring harness – Body main (14A005) near T/O to G300 – Pickup	S303	Wiring harness – Body main (14A005) near T/O to C340
S282	Wiring harness – Main (14401) near T/O to C2041	S304	Wiring harness – Body main (14A005) near T/O to C340
S283	Wiring harness – Main (14401) near T/O to C2041	S305	Wiring harness – Body main (14A005) near T/O to C3007
S284	Wiring harness – Main (14401) in T/O to Data Link Connector (DLC) (14489)	S306	Wiring harness – Body main (14A005) near T/O to C3007
S285	Wiring harness – Main (14401) in T/O to C290a	S307	Wiring harness – Body main (14A005) in T/O to C341c
S286	Wiring harness – Main (14401) in T/O to Data Link Connector (DLC) (14489)	S309	Wiring harness – Running board lamps (19F504) near T/O to C3084
S289	Wiring harness – Body main (14A005) near T/O to G300	S310	Wiring harness – Running board lamps (19F504) near T/O to C3087
S290	Wiring harness – Main (14401) near T/O to C290a	S311	Wiring harness – Running board lamps (19F504) near T/O to C3085
S291	Wiring harness – Body main (14A005) near T/O to C210	S312	Wiring harness – Running board lamps (19F504) near T/O to C3087
		S313	Wiring harness – Running board lamps (19F504) near T/O to C432
		S314	Wiring harness – Body main (14A005) near grommet, vehicle floor, LH side

S258-S314

Splices		Location	
S316	Wiring harness – Body main (14A005) near grommet, vehicle floor, LH side	S344	Wiring harness – Tail lamps (14405) near T/O to C142
S317	Wiring harness – Body main (14A005) near grommet, vehicle floor, LH side	S355	Wiring harness – Passenger, driver seat jumper (14B084) near T/O to C340
S318	Wiring harness – Body main (14A005) near T/O to G300	S400	Wiring harness – Tail lamps (14405) near T/O to C3095
S319	Wiring harness – Vehicle interior, rear (14A504) in T/O to C4014	S401	Wiring harness – Tail lamps (14405) near T/O to G400
S320	Wiring harness – Vehicle interior, rear (14A504) near T/O to C474	S404	Wiring harness – Rear lamp connector (13A409) near T/O to C405
S321	Wiring harness – Vehicle interior, rear (14A504) near T/O to C474	S404	Wiring harness – Rear lamp connector (13A409) near T/O to C405
S322	Wiring harness – Vehicle interior, rear (14A504) near T/O to C474	S405	Wiring harness – Rear lamp connector (13A409) near T/O to C408
S323	Wiring harness – Vehicle interior, rear (14A504) near T/O to C474	S406	Wiring Harness- tail lamps (14405) near T/O to G 400
S324	Wiring harness – Console panel (14B079) near T/O to C380	S407	Wiring harness – Tail lamps (14405) near T/O to G400
S325	Wiring harness – Seat control feed jumper (14B122) near T/O to C372	S408	Wiring harness – Tail lamps (14405) near T/O to C410
S326	Wiring harness – Seat control feed jumper (14B122) near T/O to C373	S409	Wiring harness – Tail lamps (14405) near T/O to C4132
S327	Wiring harness – Seat regulator near T/O to C315, with memory (14A699), without memory (14B084)	S410	Wiring harness – Tail lamps (14405) near T/O to C1442
S328	Wiring harness – Body main (14A005) near T/O to G300	S411	Wiring harness – Tail lamps (14405) near T/O to C140
S329	Wiring harness – Body main (14A005) near T/O to G300	S412	Wiring harness – Tail lamps (14405) near T/O to C140
S330	Wiring harness – Body main (14A005) near T/O to C395	S413	Wiring harness – Tail lamps (14405) near T/O to C140
S332	Wiring harness – Passenger, driver seat jumper (14B084) near T/O to C323	S414	Wiring harness – Tail lamps (14405) near T/O to C438
S343	Wiring harness – Tail lamps (14405) near T/O to C140	S415	Wiring harness – Liftgate ajar switch (14086) NEAR T/O to C458
		S416	Wiring Harness- tail lamps (14405) in T/O to C1442
		S417	Wiring harness – Rear lamp connector (13A409) near T/O to C405
		S417	Wiring harness – Rear lamp connector (13A409) near T/O to C465

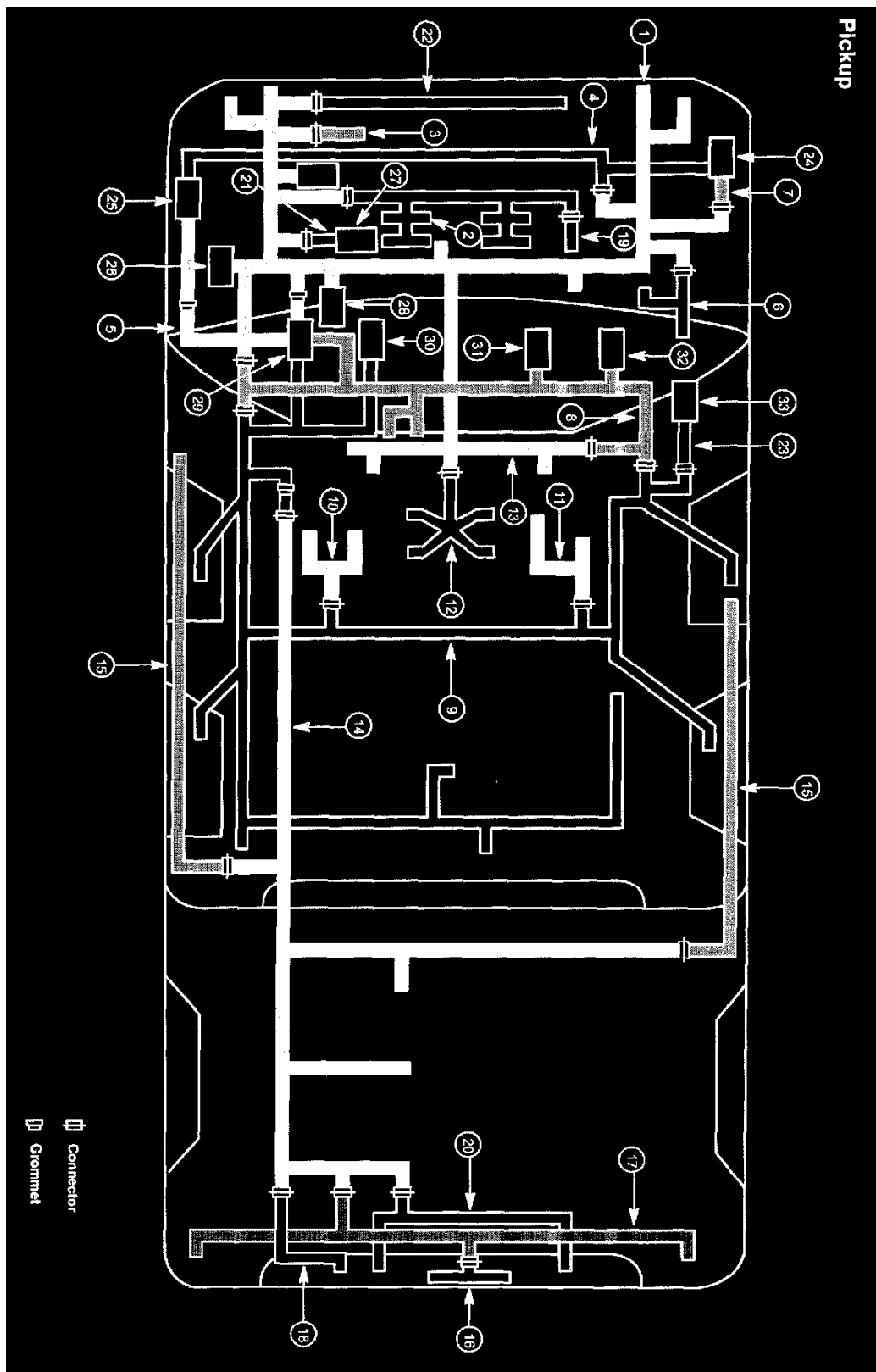
S316-S417

Spices	
Location	
S418	Wiring harness – Tail lamps (14405) near T/O to C452, C462
S419	Wiring harness – Rear lamp connector (13A409) near T/O to C4032
S426	Wiring harness – Rear lamp connector (13A409) near T/O to C405 – Excursion
S426	Wiring harness – Rear lamp connector (13A409) near T/O to C408 – manual transmission
S426	Wiring harness – Rear lamp connector (13A409) near T/O to C451 – Pickup
S430	Wiring harness – Trailer lamp feed (13A576) near T/O to C410
S431	Wiring harness – Trailer lamp feed (13A576) near T/O to C410
S432	Wiring harness – Trailer lamp feed (13A576) near T/O to C410
S433	Wiring harness – Trailer lamp feed (13A576) near T/O to C410
S434	Wiring harness – Trailer lamp feed (13A576) near T/O to C410
S440	Switch and wiring assembly – Right rear window regulator control (14086) near T/O to C4026
S442	Wiring harness – High mounted stoplamp (13A625) near T/O to C411
S443	Wiring harness – High mounted stoplamp (13A625) near T/O to C411
S450	Wiring harness – Backup alarm jumper (14N139) near T/O to C4001 and C406
S451	Wiring harness – Backup alarm jumper (14N139) near T/O to C4001 and C406
S463	Wiring harness – Rear license plate lamp (13412) near T/O to C465
S501	Wiring harness – Body main (14A005) near T/O to C505
S639	Wiring harness – Body main (14A005) near T/O to C605
S904	Wiring harness – Marker lamp jumper, roof (15B484) near T/O to C973
S905	Wiring harness – Body main (14A005) near T/O to C913
S906	Wiring harness – Body main (14A005) near T/O to C913
S920	Wiring harness – Marker lamp jumper, roof (15B484) near T/O to C988
S921	Wiring harness – Marker lamp jumper, roof (15B484) near T/O to C972 – except Lariat
S921	Wiring harness – Marker lamp jumper, roof (15B484) near T/O to C984 – Lariat
S924	Wiring harness – Interior illumination (14335) in T/O to Auxiliary function selector switch assembly, rear
S925	Wiring harness – Interior illumination (14335) in T/O to Auxiliary function selector switch assembly, rear
S926	Wiring harness – Interior illumination (14335) in T/O to Auxiliary function selector switch assembly, rear
S927	Wiring harness – Interior illumination (14335) in T/O to Auxiliary function selector switch assembly, rear
S928	Wiring harness – Interior illumination (14335) near T/O to C990a
S929	Wiring harness – Interior illumination (14335) near T/O to C949
S930	Wiring harness – Interior illumination (14335) near T/O to C990a
S931	Wiring harness – Interior illumination (14335) in T/O to Auxiliary function selector switch assembly, rear
S932	Wiring harness – Interior illumination (14335) near T/O to C932
S933	Wiring harness – Interior illumination (14335) near T/O to C932

S418-S933

Splices	
	Location
S934	Wiring harness – Interior illumination (14335) near T/O to G901
S935	Wiring harness – Interior lamps (14334) near T/O to 989c
S936	Wiring harness – Overhead console (17C712) near T/O to C907
S937	Wiring harness – Overhead console (17C712) near T/O to C906
S939	Wiring harness – Interior lamps (14334) in T/O to C934
S940	Wiring harness – Interior lamps (14334) near T/O to C989c
S942	Wiring harness – Overhead console (17C712) near T/O to C906
S952	Wiring harness – Interior illumination (14335) near T/O to C949
S953	Wiring harness – Interior illumination (14335) near T/O to C949
S954	Wiring harness – Interior illumination (14335) near T/O to C949
S955	Wiring harness – Interior illumination (14335) near T/O to C949
S1000	Wiring harness – Battery output (14300) in T/O to Junction block left fender
S1002	Wiring harness – Battery output (14300) near grommet, engine bulkhead

S934-S1002



Wiring Harness Overview Part 1

Pickup

Item	Part Number	Description
1	12A531	Wiring harness – Engine control sensor
2	12B637	Wiring harness – Engine control sensor and fuel charge
3	12A690	Wiring harness – Engine control sensor extension
4	14B060	Wiring harness – Starter motor relay and battery ground
5	14300	Wiring harness – Battery output
6	14305	Wiring harness – Alternator rectifier system
7	14B060	Wiring harness – Starter motor relay and battery ground
8	14401	Wiring harness – Main
9	14A005	Wiring harness – Body main
10	14B064	Wiring harness – Passenger, driver seat jumper
11	14B064	Wiring harness – Passenger, driver seat jumper
12	15S25	Wiring harness – Backup lamp switch to rear lamp feed
13	17C712	Wiring harness – Overhead console
	15A404	Wiring harness – Marker lamp to switch
14	14405	Wiring harness – Tail lamps
15	19F504	Wiring harness – Running board lamps
16	13412	Wiring harness – Rear license plate lamp

Item	Part Number	Description
17	13A409	Wiring harness – Tail lamps
18	13A576	Wiring harness – Trailer lamp lead
19	14B102	Wiring harness – Cylinder head temperature sensor
20	14N139	Wiring harness – Backup alarm jumper
21	13K027	Wiring harness – Daytime Running Lamps (DRL) relay
22	15A211	Wiring harness – Fog lamp jumper
23	15K367	Wiring harness – Parking aid sensor, front
24	–	Battery (10635)
25	–	Battery II
26	–	Auxiliary relay box 1
27	–	Auxiliary relay box 2
28	–	Powertrain Control Module (PCM) (12A650)
29	–	Central Junction Box (CJB) (14A068)
30	–	Vehicle Security Module (VSM)
31	–	Electronic Automatic Temperature Control (EATC) module (19960)
32	–	Four-wheel drive control module
33	–	Parking Aid Module (PAM) (15K366)

Wiring Harness Overview Part 2

Wiring Harness**Location**

12614	Wiring harness – Air spring suspension pressure indicator switch	14B084	Wiring harness – Passenger, driver seat jumper
13412	Wiring harness – Rear license plate lamp	14B102	Wiring harness – Cylinder head temperature sensor
14086	Switch and wiring assembly – Right rear window regulator control	14B155	Wiring harness – Seat control feed jumper
14300	Wiring harness – Battery output	14N139	Wiring harness – Backup alarm jumper
14301	Wiring harness – Junction block to engine ground	15A211	Wiring harness – Fog lamp jumper
14305	Wiring harness – Alternator rectifier system	15A404	Wiring harness – Marker lamp to switch
14334	Wiring harness – Interior lamps	15A416	Wiring harness – Trailer tow
14335	Wiring harness – Interior illumination	15B484	Wiring harness – Exterior lamps
14401	Wiring harness – Main	15K867	Wiring harness – Parking aid sensor, front
14405	Wiring harness – Tail lamps	17C712	Wiring harness – Overhead console
15525	Wiring harness – Back up lamp switch to rear lamp feed	19B573	Wiring harness – Air conditioner clutch coil lead
12A581	Wiring harness – Engine control sensor	19F504	Wiring harness – running board lamps
12A690	Wiring harness – Engine control sensor extension	6B018	Wiring harness – Engine block heater
12B637	Wiring harness – Engine control sensor and fuel charge		
13A409	Wiring harness – Tail lamps		
13A576	Wiring harness – Trailer lamp feed		
13A625	Wiring harness – High mounted stoplamp		
13A718	Wiring harness – Interior lamp feed jumper		
13K027	Wiring harness – Daytime Running Lamps (DRL) relay		
13N850	Wiring harness – Ground		
14A005	Wiring harness – Body main		
14A348	Wiring harness – Trailer brake control switch		
14A504	Wiring harness – Auxiliary Air Conditioner/Heater		
14A631	Wiring harness – Door lock switch		
14A699	Wiring harness – Power seats		
14B060	Wiring harness – Starter motor relay and battery ground		
14B079	Wiring harness – Console panel		

12614-6B018