

Vehicle: Diagrams

Early Production/Late Production Defined

NOTE: The build date can be found on the Vehicle Certification (VC) label.

Early Production

Built BEFORE 7/24/2000.

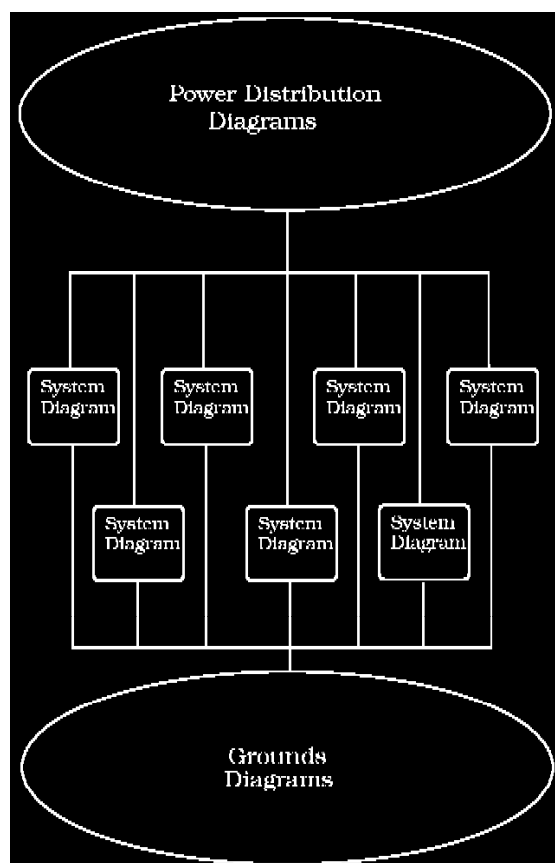
Uses the Remote Anti-Theft Personality (RAP) Module.

Late Production

Built AFTER 7/24/2000.

Uses the Central Security Module.

How to Find and Use These Diagrams



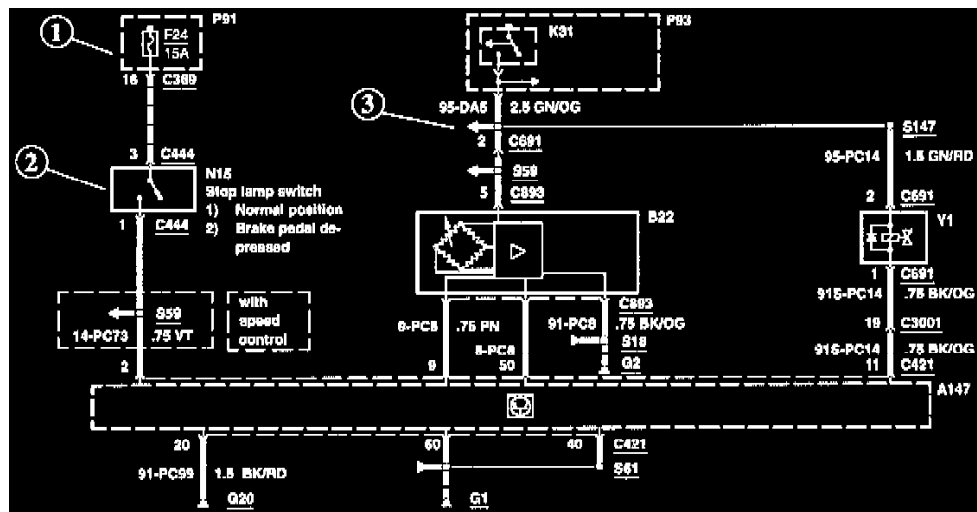
Diagrams are presented in three main categories:

- ^ Power Distribution Diagrams
- ^ System Diagrams
- ^ Grounds 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.



Current Flow (1)

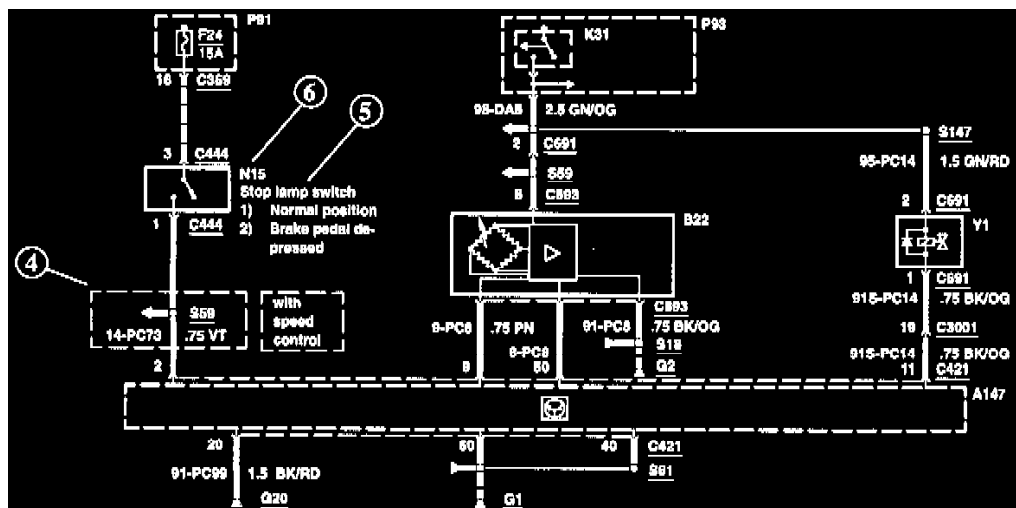
Each set of diagrams normally starts with the component that powers the circuit such as a fuse or the ignition switch. Current flow is shown from the power source at the top of the diagram to ground at the bottom of the diagram. In order to concentrate on the essential parts, power supply and ground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

Switch Positions (2)

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

Splices (3)

An arrow indicates that the splice is not shown completely. If the splice is not shown completely in the diagram but is complete within the set of diagrams, the number of the diagram where the splice is completed is indicated next to the arrow.



Boxes (4)

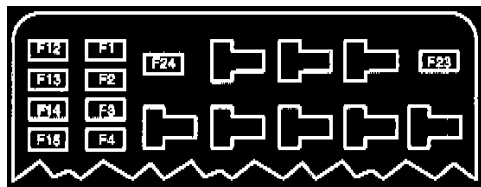
A thin dashed box on a diagram indicates a pan of the circuit which is only present for a particular vehicle model, country, or option. These qualifiers are shown next to the box on the diagram.

Component Names and Notes (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.

Component Identification Numbers (6)

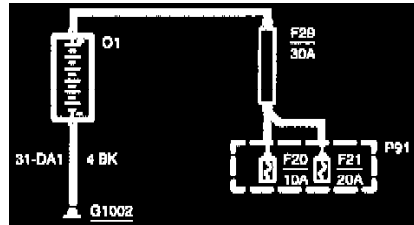
Each component on each diagram has a component identification number located to the upper right hand side of the component. By finding this number in the A-Z Component List, the Component Location description for that component can easily be found.



Fuse And Relay Information

Fuse and Relay Information

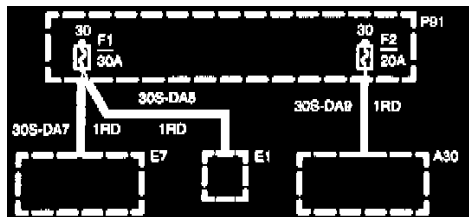
Fuse Box/Locations and Relay Box/Locations contain views of the fuse/relay box in which all fuses and relays are identified.



Power Distribution

Power Distribution

"Power Distribution" shows the current feed circuit. The Current path is shown from the battery to the ignition switch and to all fuses.

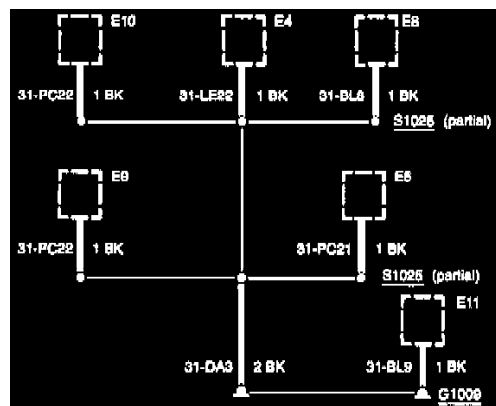


Fuse Circuits

Fuse Circuits

The first diagram in "Fuse Circuits" 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.

Any subsequent diagrams will show circuits feeding the fuse, all the way back to the battery.



Ground Distribution

Ground Distribution

"Ground Distribution" contains 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 sets of diagrams as uncluttered as possible.

Splices with a large number of wires may be split in order to improve the graphic representation. A thin line is used to indicate the unity of the splice. The splice is then marked with the additional text "partial".

Component Identification Information

Component Identification Information consists of

- (1) A-Z Component List,
- (2) Component Location Views, and
- (3) Connector views (Faces).

The **A-Z Component List** helps the user find where the various items depicted on the diagram can physically be found on the vehicle. A brief written description of the location is given.

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

The **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.

Vacuum Motor Operation

Vacuum motors operate like electrical solenoids, mechanically pushing or pulling a shaft between two fixed positions. When vacuum is not applied, the shaft is pushed all the way out by a spring.

Some vacuum motors can position the actuating arm at any position between fully extended and fully retracted. The Servo is operated by a control valve that applies varying amounts of vacuum to the motor. The higher the vacuum level, the greater the retraction of the motor arm. Servo Motors work nearly the same way as two-position motors, except for the way the vacuum is applied. Servo Motors are generally larger and provide a calibrated control.

A double diaphragm motor has three positions (it is actually two motors in one housing). When the top port gets vacuum, the shaft pulls halfway in. When both ports get vacuum, the shaft pulls all the way in.

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, tail pipe, catalytic converter and muffler.
- ^ Do not allow flame or sparks near the battery. Gases are always present in and around the battery. 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.



circuit Numbering

Circuit Numbering and Wire Identification

Circuit Numbering:

Ford has introduced a world-wide uniform system for circuit numbering and wire identification.

The system is called Function, System-Connection, or FSC for short.

FSC was developed mainly to assist in vehicle development and production processes, but is also helpful in troubleshooting electrical circuits.

Function:

The first two digits identify the function of the wire. In this case, the function code includes the letter "S" to indicate it is an additionally switched function. The function part of the circuit number is the most helpful to the technician in troubleshooting a circuit.

System-Connection (including branch):

Systems are related to subsets of the vehicle circuitry. Immediately following the system letter code is the connection number specific to that system. A branch identification is used to differentiate wires in one connection with the same function.

Wire Identification (wire colors):

The wire identification consists of a basic color and an identification color, and is determined directly from the wire's circuit number. In the schematics the wire colors are indicated next to the wires.

The basic and identification colors are abbreviated using the international norm IEC 757.

Each function code has a specific basic color associated with it. A colored stripe is used to differentiate several wires with the same function

within one component connector.



Wire Identification Example

Using the circuit number and wire identification used in the Wire Identification Example, we know the following information about the wire:

Function: 31 = Ground
 S = Additionally switched circuit
 System: AC = Headlamp leveling
 Connection: 3 = Switch connection
 A = Branch
 Size: 1.5 = 1.5 sq.mm
 Color: BK = Basic color black (determined by function 31)
 RD = Identification color red (red stripe).

Circuit Identification Charts

Number	Description	Basic color	Number	Description	Basic color
7	Voltage D.C. supplied at all times (sensor)	YE	30	Voltage supplied at all times (not overload protected)	RD
8	Sensor signal	WH	31	Ground	BK
9	Sensor signal return (reference/ground)	BN	49	Pulsed power feed (overload protected)	BU
14	Voltage supplied in Start and Run (overload protected)	VT	50	Voltage, ignition switch in Start (not overload protected)	GY
15	Voltage, ignition switch in Start or Run (not overload protected)	GN	59	AC Power	GY
29	Voltage supplied at all times (overload protected)	OG	63	Variable D.C. voltage (overload protected)	WH

Circuit Identification Chart

Number	Description	Basic color	Number	Description	Basic color
64	Variable D.C. voltage (not overload protected)	BU	91	Ground	BK
74	Voltage In Run or Accessory (overload protected)	BU	94	Voltage, Ignition switch in Start or Run (overload protected electronic module)	VT
75	Voltage, Ignition switch in Accessory or Run	YE	95	Voltage, Ignition switch in Start or Run (not overload protected electronic module)	GN
89	Voltage supplied at all times (overload protected electronic module)	OG			
90	Voltage supplied at all times (not overload protected electronic module)	RD			

Circuit Identification Chart

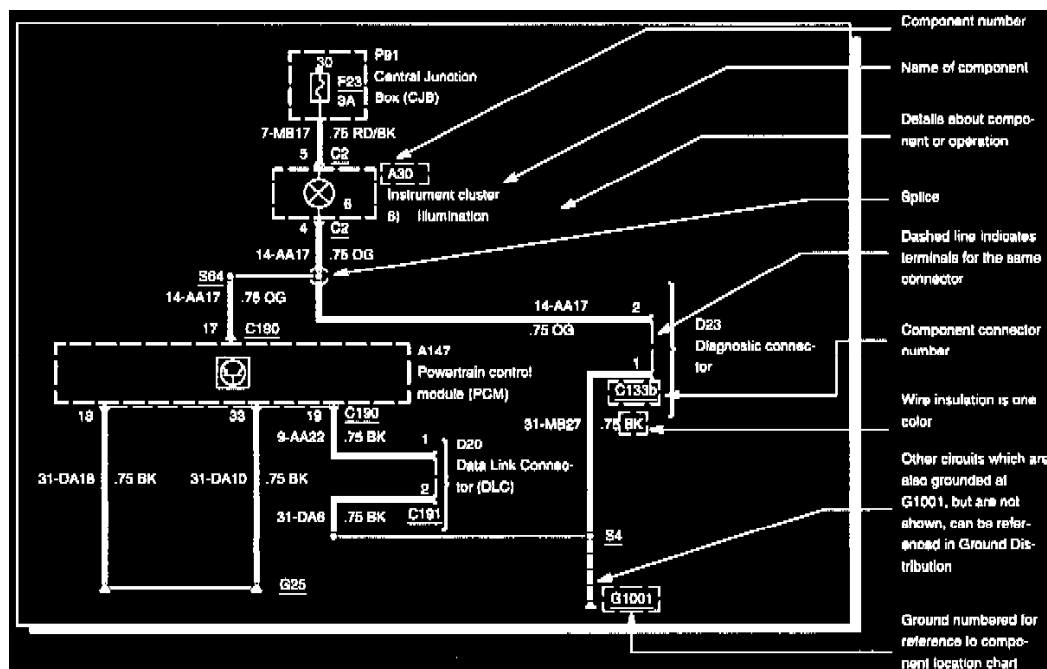
System Codes Chart

System Codes

-12

DA:	Distribution Systems	CC:	Ride suspension	MA:	Miscellaneous Systems
DB:	Splices distribution Busbars	CD:	Self-levelling suspension	MB:	Air bags
DC:	Circuit protection – Battery Junction Box (BJB)	CE:	Power steering (variable automatic power assist)	MC:	Anti-theft
DD:	Circuit protection – Central Junction Box (CJB)	CF:	Traction (including: anti-lock/brakes)	MD:	Communication
DE:	Ground	GA:	Gauge Systems	ME:	Entertainment
DF:	Junction block	GB:	Level / Pressure	MF:	Hom
DG:	Circuit protection – Auxiliary fuse box	GC:	Miscellaneous (including: speedometer/clock)	MG:	Police
DH:	Distribution – Auxiliary fuse box	GD:	Pressure	MH:	Unique special vehicle (taxi/police/ambulance)
AA:	Actuated Systems (high current)		Temperature		Trip computer
AB:	Door locks and decklid (including: keyless entry/global closing)	HA:	Heated Systems	PA:	Powertrain Control Systems
AC:	Four-wheel drive	HB:	Auxiliary (including: airfilter/fighter)	PB:	Engine control (common and extra carbureted)
AD:	Headlamp levelling	HC:	De-ice (including: ejectors/mirrors/washer jets/windows)	PC:	Engine control (extra fuel injected 2)
AE:	Power mirrors		Heated seats	PD:	Engine control (extra fuel injected 1)
AF:	Occupant restraint			PE:	Engine control (extra diesel electronic)
AG:	Powertrain (including: axle/differential/transmission)	LA:	Lighting Systems	PF:	Engine control (common diesel)
AH:	Power roof	LB:	Control and instrument	PG:	Transmission control
AI:	Power seats	LC:	Courtesy (glove box/hood/luggage comp./map/recharge, flashlight/vanity)		Vehicle speed and engine RPM
AK:	Power windows	LD:	Entry (including: interior/floor/door)	WA:	Indicator Systems (stand alone)
	Wiper/washer	LE:	Fog/flood/driving	WB:	Audio warning (including: buzzers/chimes)
BA:	Basic Systems	LF:	Head (including: concealed/dim-dip/day-time running)	WC:	Level
BB:	Change (including: ammeter/volmeter)	LG:	Parking/marker/license/clearance	WD:	Auxiliary warning/bulb outage
	Start		Turn signal/coming/hazard/stop/reverse	WE:	Pressure / Temperature
				XL:	Temperature
CA:	Control Systems				Temporary numbering for future features
CB:	Climate 1				
	Climate 2				





Sample Diagram

Circuit Identification Charts and System Codes

CIRCUIT IDENTIFICATION CHARTS

Number	Description	Basic color	Number	Description	Basic color
7	Voltage D.C. supplied at all times (sensor)	YE	30	Voltage supplied at all times (not overload protected)	RD
8	Sensor signal	WH	31	Ground	BK
9	Sensor signal return (reference/ground)	BN	49	Pulsed power feed (overload protected)	BU
14	Voltage supplied in Start and Run (overload protected)	VT	50	Voltage, ignition switch in Start (not overload protected)	GY
15	Voltage, ignition switch in Start or Run (not overload protected)	GN	59	AC Power	GY
29	Voltage supplied at all times (overload protected)	OG	63	Variable D.C. voltage (overload protected)	WH

Circuit Identification Chart

Number	Description	Basic color	Number	Description	Basic color
64	Variable D.C. voltage (not overload protected)	BU	91	Ground	BK
74	Voltage In Run or Accessory (overload protected)	BU	94	Voltage, Ignition switch in Start or Run (overload protected electronic module)	VT
75	Voltage, Ignition switch in Accessory or Run	YE	95	Voltage, Ignition switch in Start or Run (not overload protected electronic module)	GN
89	Voltage supplied at all times (overload protected electronic module)	OG			
90	Voltage supplied at all times (not overload protected electronic module)	RD			

Circuit Identification Chart

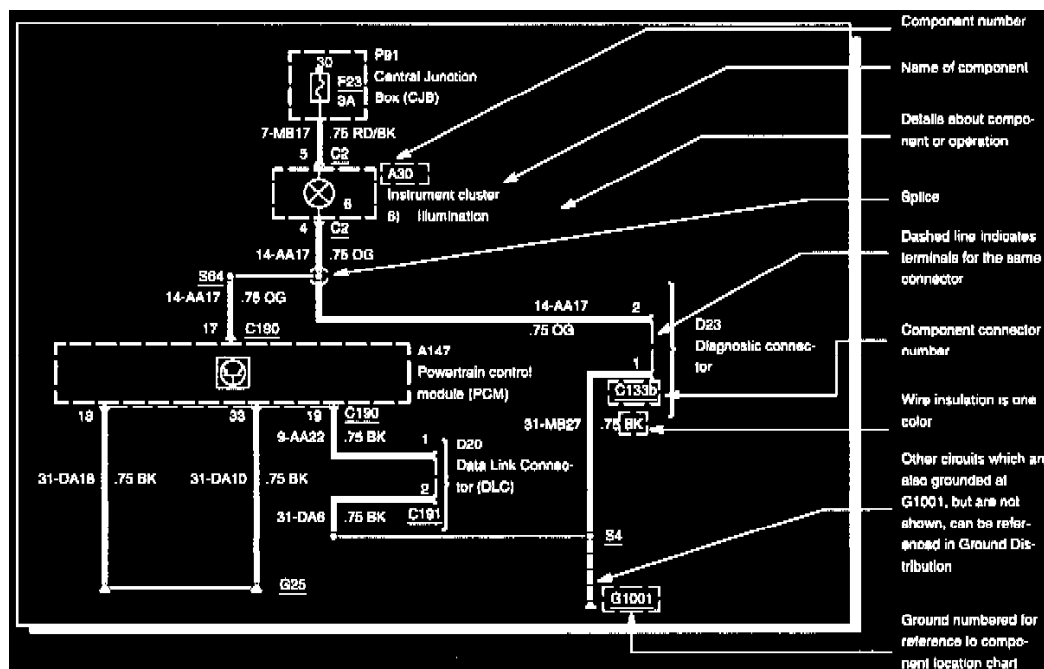
SYSTEM CODES CHART

System Codes

-12

Distribution Systems		Ride suspension		Miscellaneous Systems	
DA: Splices distribution	CC:	Self-levelling suspension	MA: Air bags	Powertrain Control Systems	
DB: Busbars	CD:	Power steering (variable automatic power assist)	MB: Anti-theft		
DC: Circuit protection – Battery Junction Box (BJB)	CE:	Traction (including: anti-lock/brakes)	MC: Communication		
DD: Circuit protection – Central Junction Box (CJB)	CF:		MD: Entertainment		
DE: Ground	GA:	Gauge Systems	ME: Hom	Engine control (common and extra carbureted)	
DF: Junction block	GB:	Level / Pressure	MF: Police		
DG: Circuit protection – Auxiliary fuse box	GC:	Miscellaneous (including: speedometer/clock)	MG: Unique special vehicle (taxi/police/ambulance)		
DH: Distribution – Auxiliary fuse box	GD:	Pressure	MH: Trip computer		
Actuated Systems (high current)		Temperature		Engine control (extra fuel injected 2)	
AA: Door locks and decklid (including: keyless entry/global closing)	HA:	Heated Systems	PA: Engine control (common and extra carbureted)		
AB: Four-wheel drive	HB:	Auxiliary (including: airfilter/fighter)	PB: Engine control (extra fuel injected 2)		
AC: Headlamp levelling	HC:	De-ice (including: ejectors/mirrors/washer jets/windows)	PC: Engine control (extra fuel injected 1)		
AD: Power mirrors		Heated seats	PD: Engine control (extra diesel electronic)	Transmission control	
AE: Occupant restraint			PE: Engine control (common diesel)		
AF: Powertrain (including: axle/differential/transmission)			PF: Transmission control		
AG: Power roof	LA:	Lighting Systems	PG: Vehicle speed and engine RPM		
AH: Power seats	LB:	Control and instrument		Indicator Systems (stand alone)	
AI: Power windows	LC:	Courtesy (glove box/hood/luggage comp./map/recharge, flashlight/vanity)	WA: Audio warning (including: buzzers/chimes)		
AK: Wiper/washer	LD:	Entry (including: interior/floor/door)	WB: Level		
	LE:	Fog/flood/driving	WC: Auxiliary warning/bulb outage		
Basic Systems		Head (including: concealed/dim-dip/day-time running)	WD: Pressure / Temperature	Temporary numbering for future features	
BA: Charge (including: ammeter/volmeter)	LF:	Parking/marker/license/clearance	WE: Temperature		
BB: Start	LG:	Turn signal/cornering/hazard/stop/reverse	XL:		
Control Systems					
CA: Climate 1					
CB: Climate 2					

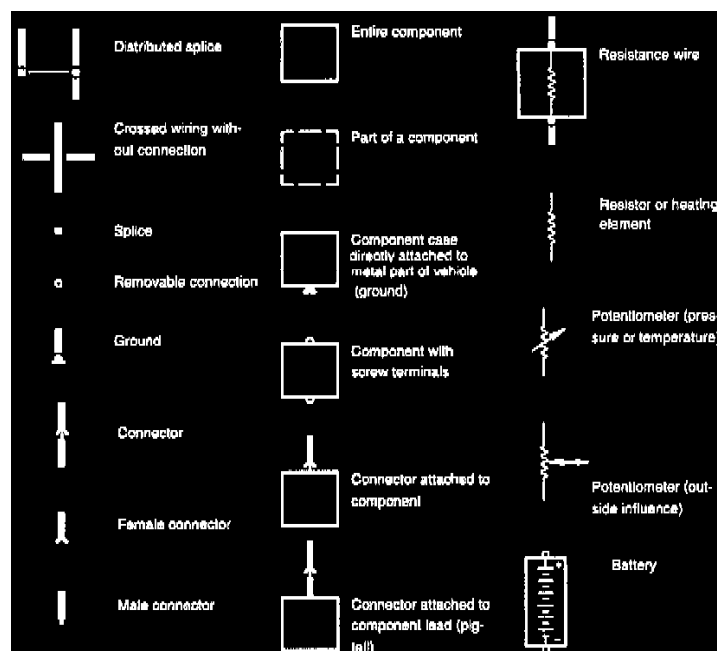




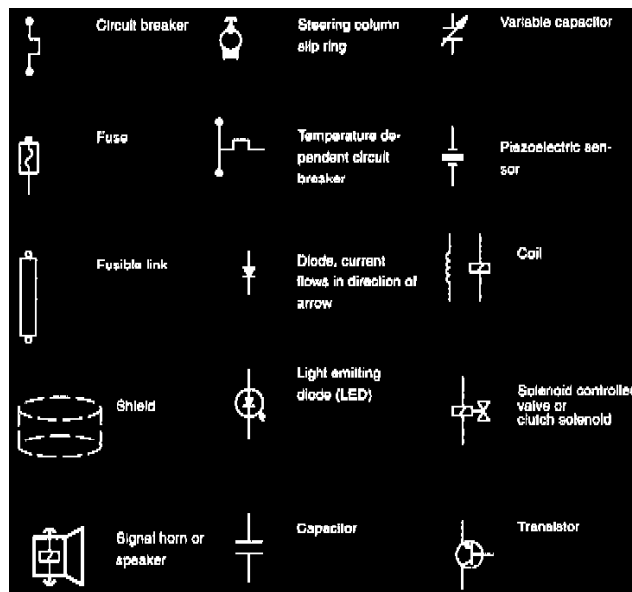
Sample Diagram

Electrical Symbols

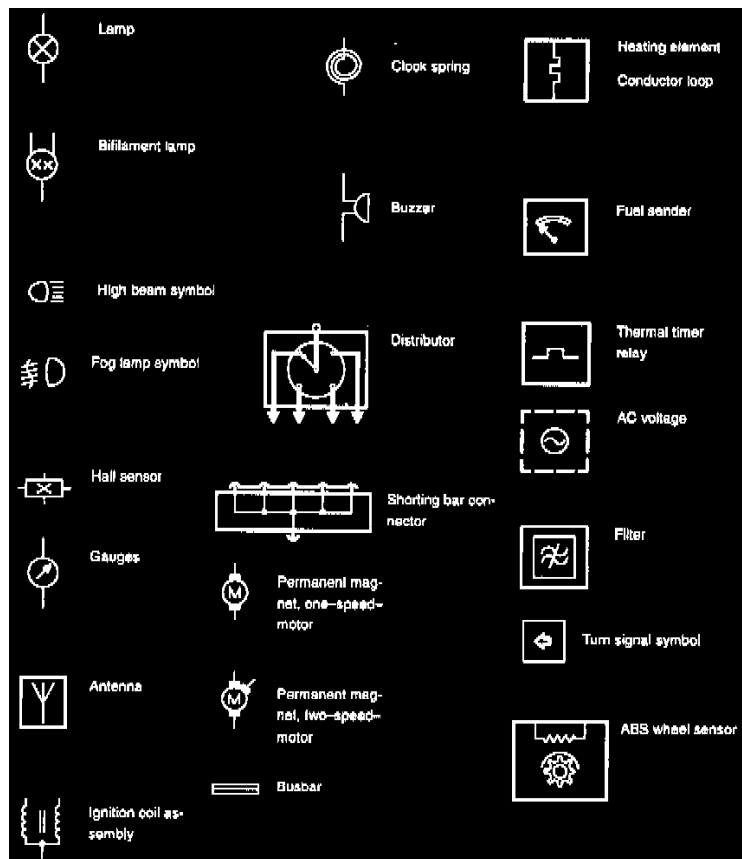
ELECTRICAL SYMBOLS



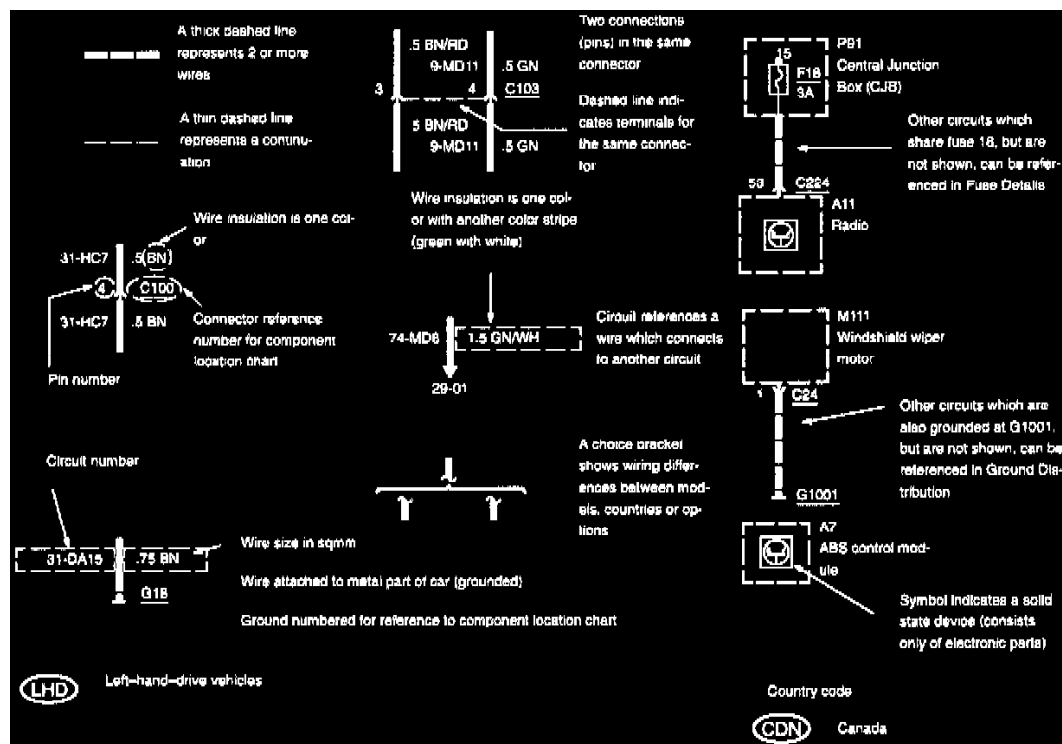
Symbols



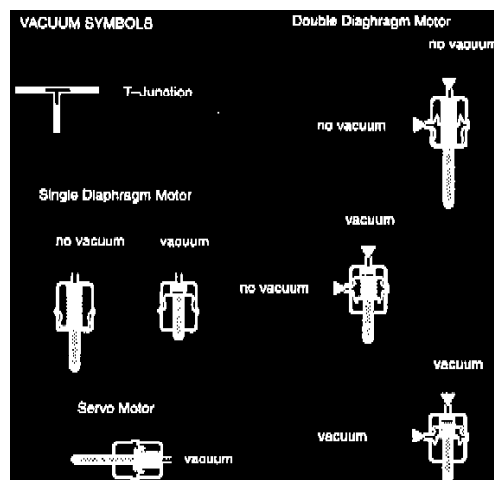
Symbols



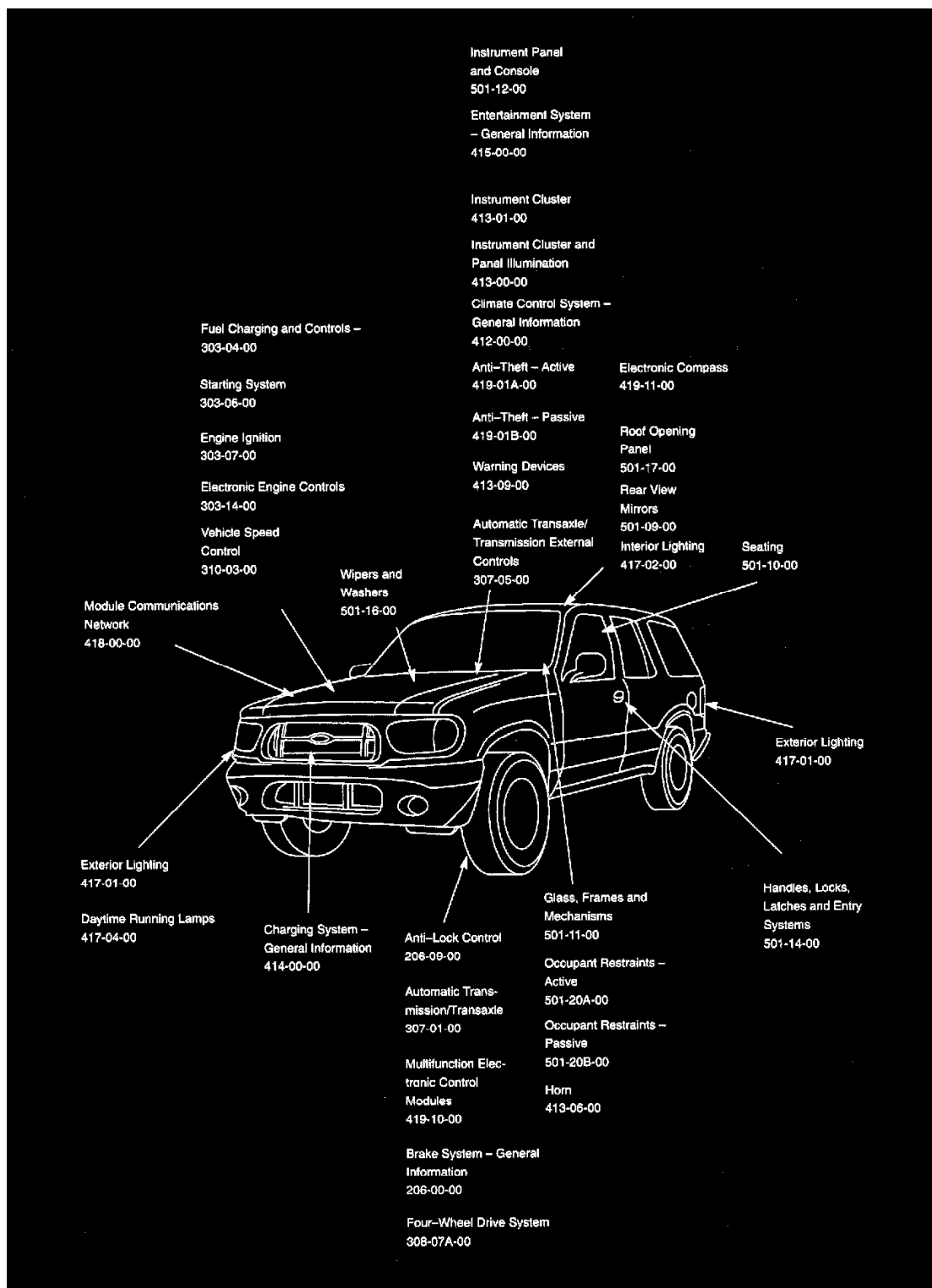
Symbols



Symbols



Symbols



Types of Diagrams Shown

Types of Diagrams Shown

Block Diagrams can be found at the beginning of some sets of diagrams. These block diagrams provide an overview of the systems that are detailed on the detailed diagrams that follow them. Block diagrams are not suitable for diagnostic operations.

Detailed Diagrams (usually provided in sets of more than one diagram) provide detailed system information suitable for diagnostic operations.

Related Diagrams that are not an integral part of the detailed diagrams, but may have a relationship to them, are also included.

All components connected to the control module are shown in order to provide easy understanding of the system component interactions.

Unless otherwise identified, diagrams shown in a set will be of the Detailed Diagrams type.

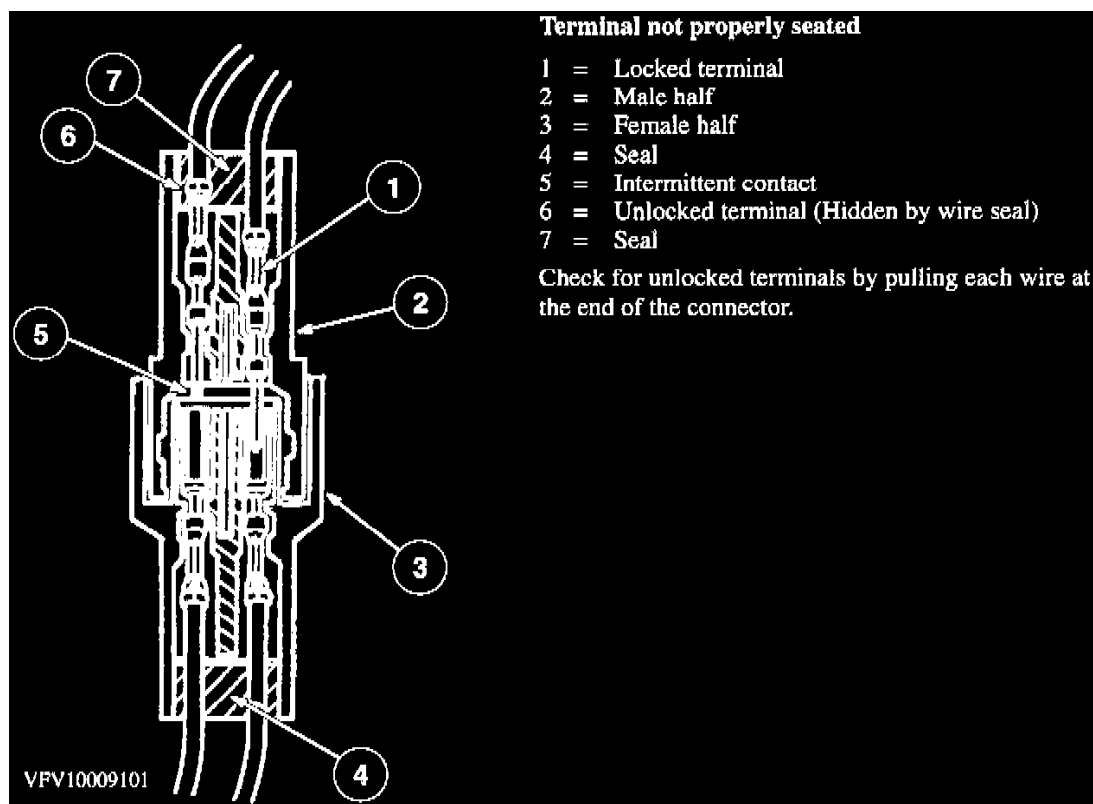
Wire Color Code Identification

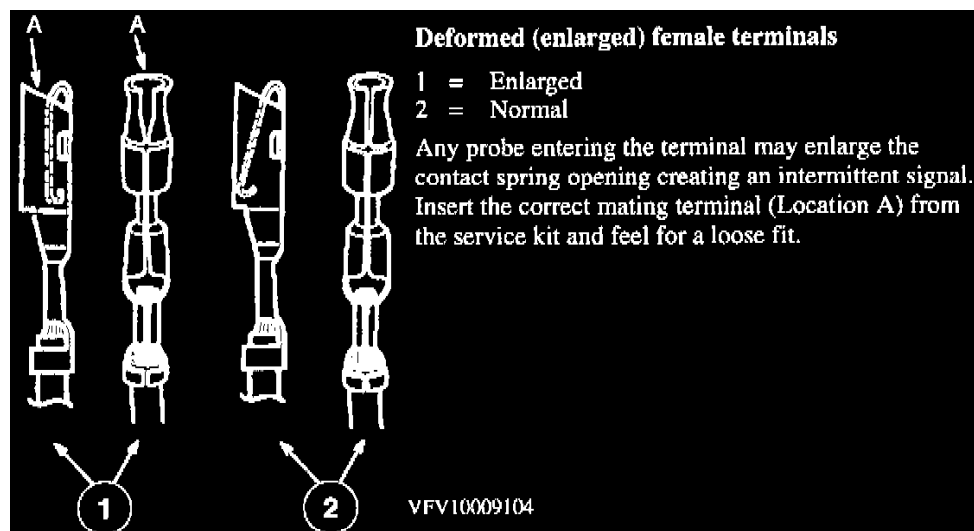
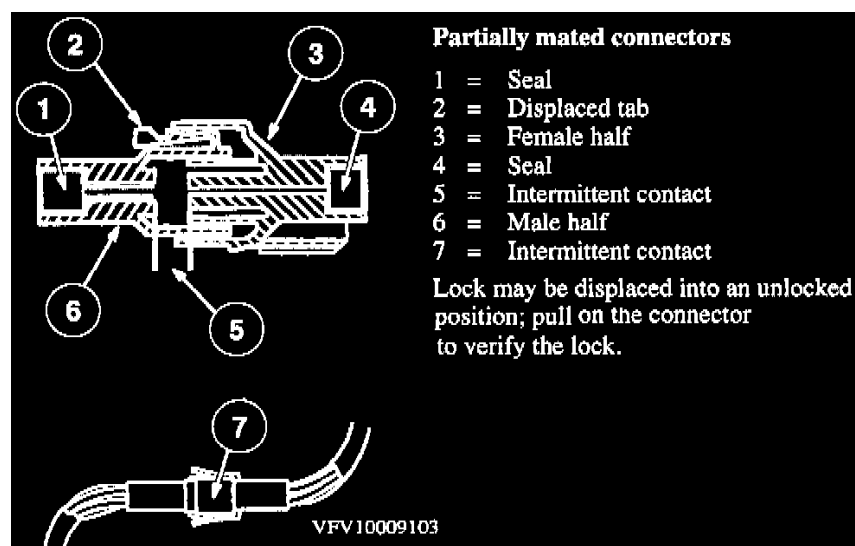
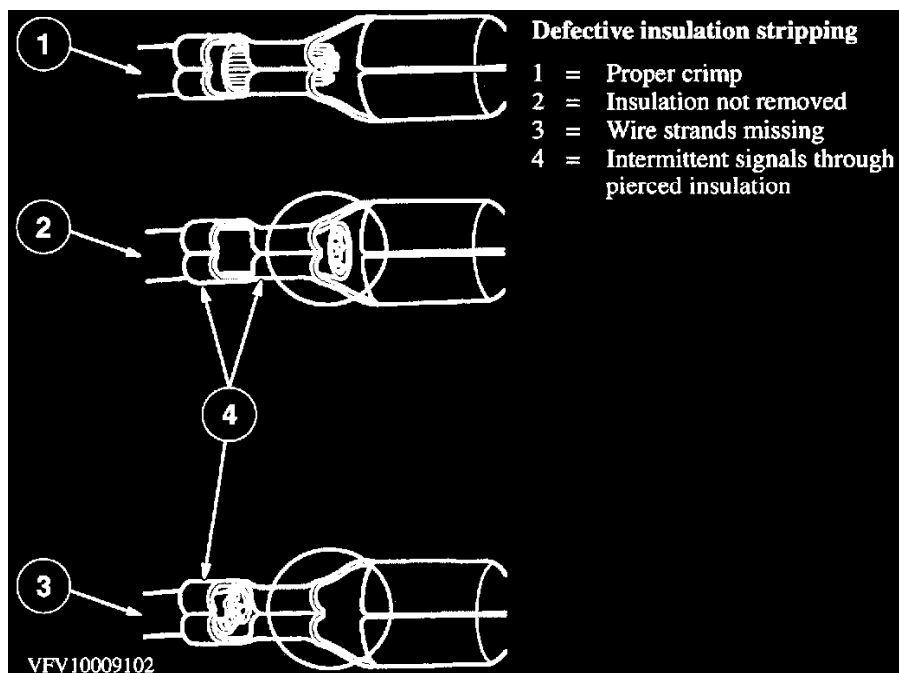
Wire colors
BK : Black
BN : Brown
BU : Blue
GN : Green
GY : Gray
LG : Lightgreen
NA : Natural
OG : Orange
RD : Red
SR : Silver
VT : Violet
WH : White
YE : Yellow

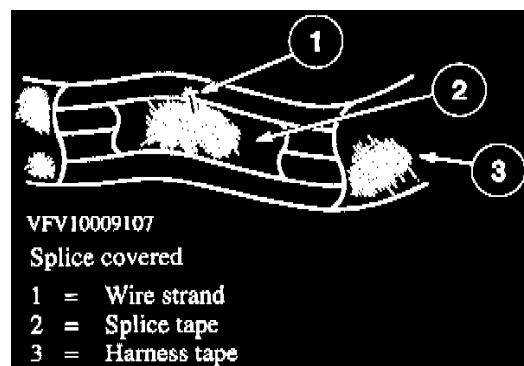
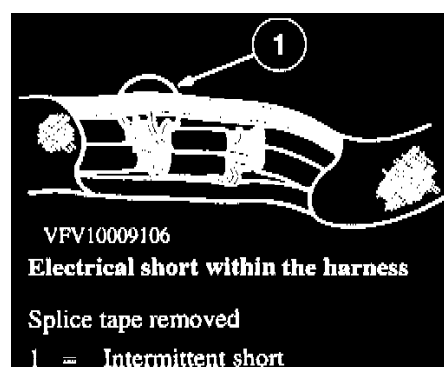
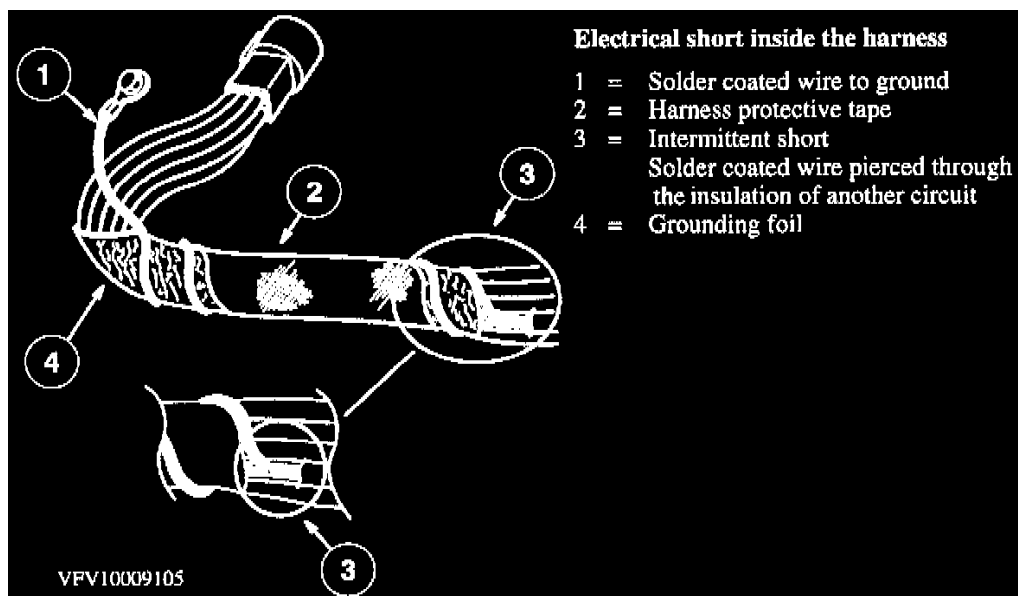
Diagnostic Aids

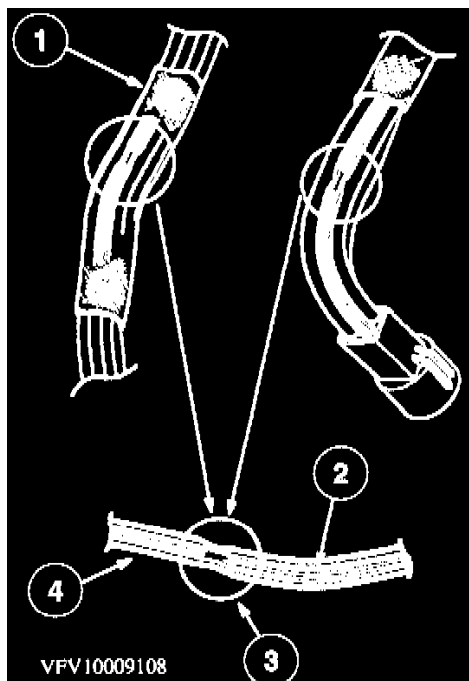
These illustrations are known examples of wiring harness, splices and connectors that will create intermittent electrical concerns. The concerns are hidden and can only be discovered by a physical evaluation as shown in each illustration.

NOTE: Several components, such as the 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.







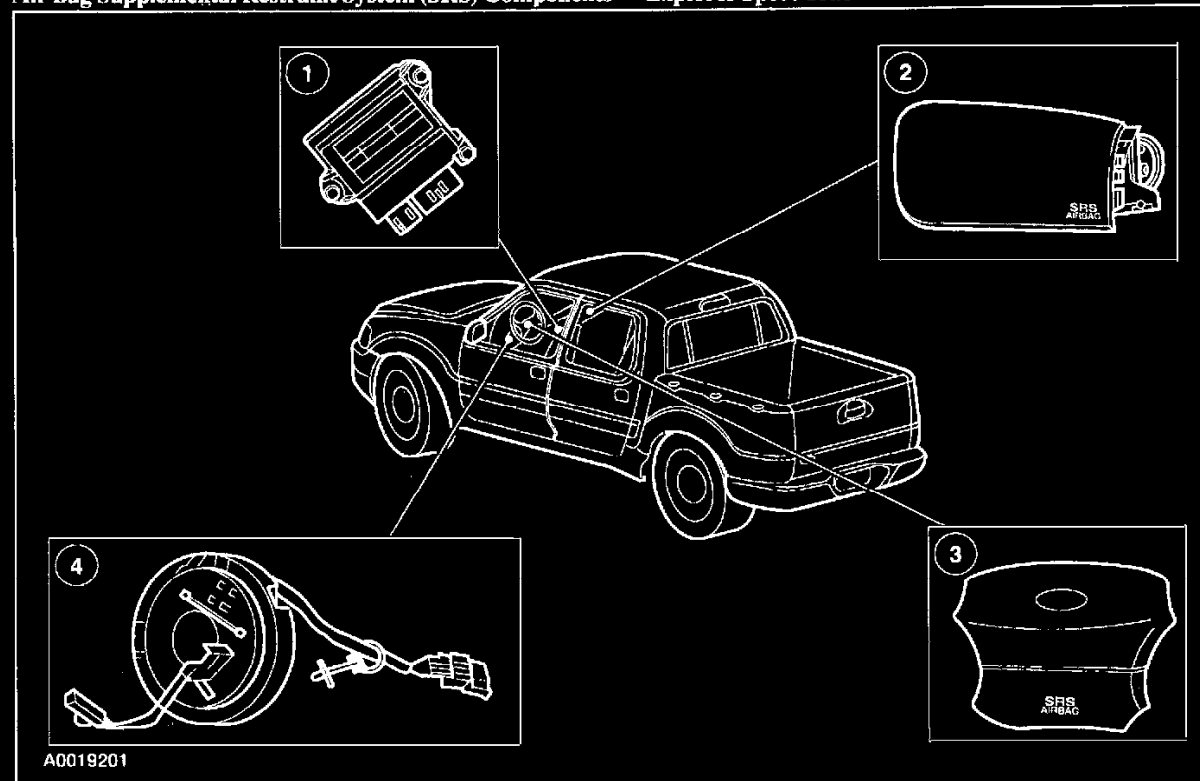


Broken wire strands in harness

- 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.

Air Bag Supplemental Restraint System (SRS) Components — Explorer Sport Trac



Item	Description
1	Restraints control module (RCM)
2	Passenger air bag module

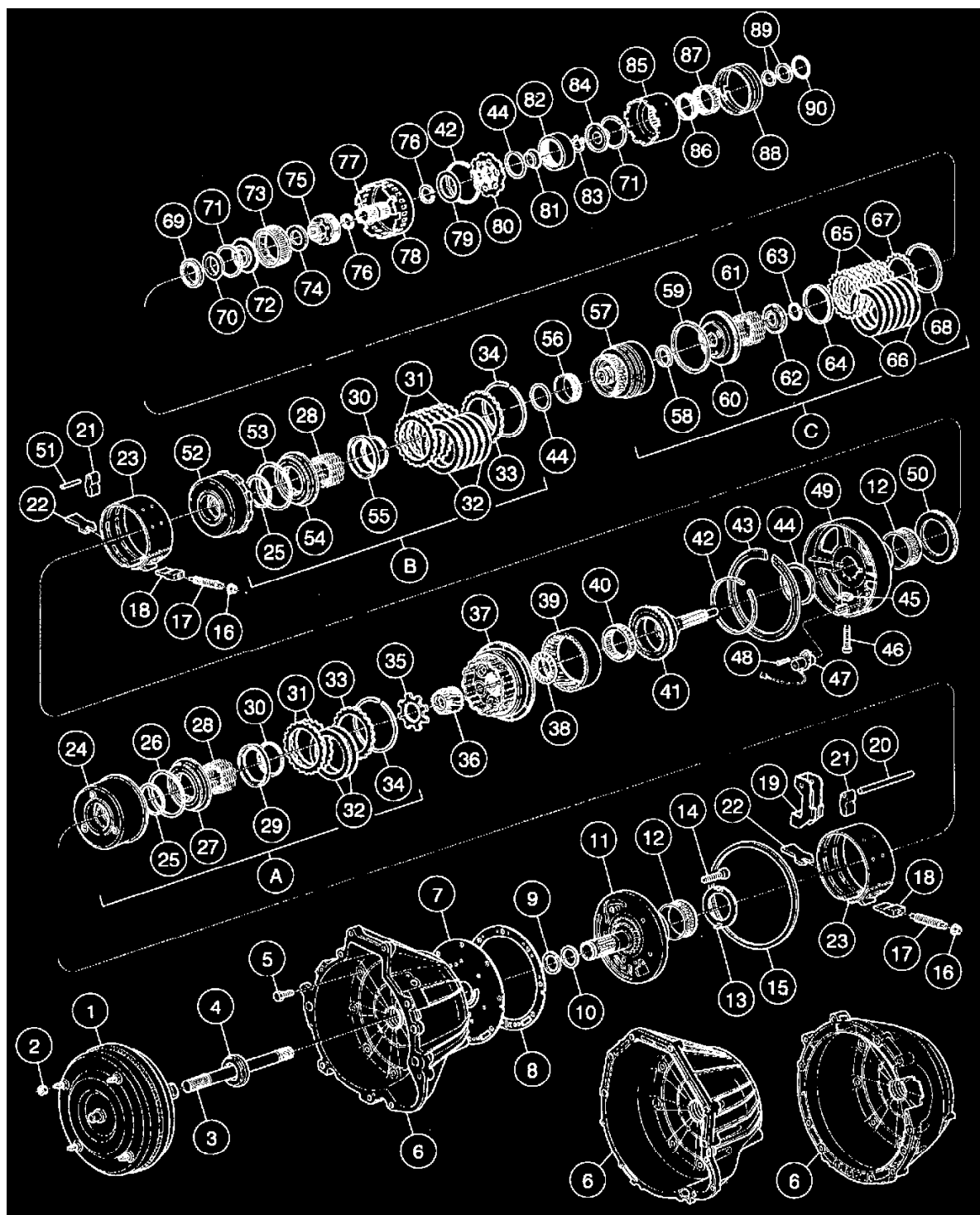
Item	Description
3	Driver air bag module
4	Clockspring

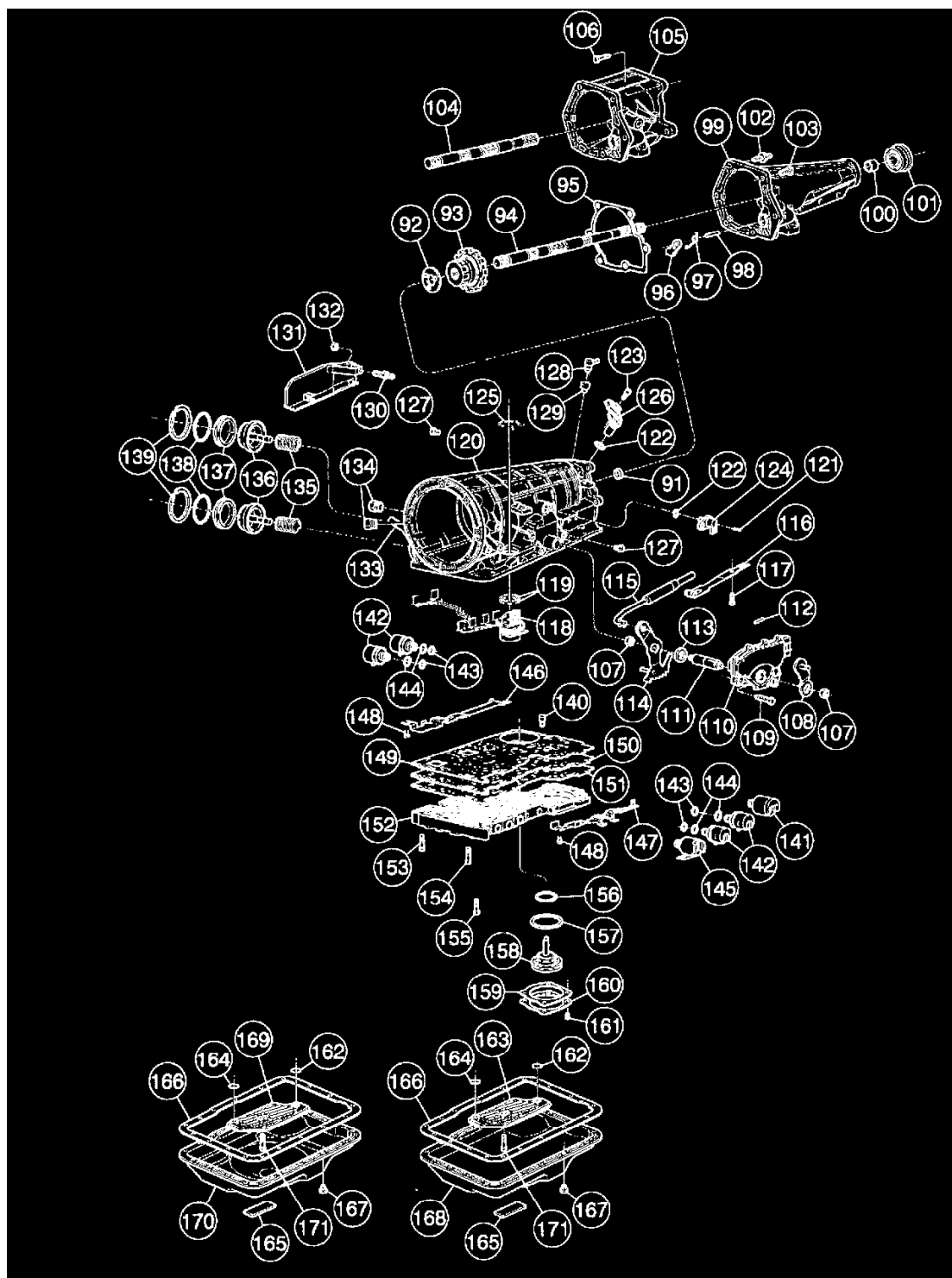
(Continued)

Air Bag Supplemental Restraint System (SRS) Components - Explorer Sport Trac

System Diagram

Disassembled Views





Item	Description	Item	Description
1	Converter assembly — (contains piston type clutch)	25	Seal ring — coast clutch and direct clutch piston — inner (2 req'd)
2	Nut — (attaches converter assembly to flexplate) (4 req'd)	26	Seal ring — coast clutch piston — outer
3	Shaft — input	27	Piston — coast clutch
4	Seal assembly — converter hub to converter housing (also in converter housing assembly)	28	Spring — coast and direct clutch piston (40 req'd)
5	Screw and seal assembly — M10 x 33 (attaches converter housing to case) (8 req'd)	29	Retainer — coast clutch piston springs
6	Converter housing	30	Retaining ring, 63 mm (2.52 in) — coast and direct clutch piston
7	Plate — fluid pump adapter	31	Plate — coast (2 req'd) and direct (4 or 5 req'd) clutch external steel
8	Converter housing-to-case gasket	32	Plate — coast (2 req'd) and direct (4 or 5 req'd) clutch internal friction
9	Seal ring — fluid pump support	33	Plate — coast and direct clutch pressure (2 req'd)
10	O-ring — fluid pump shaft to inner gear (also in pump assembly)	34	Retaining ring — coast and direct clutch plates (select fit) (2 req'd)
11	Support and gear assembly — fluid pump	35	Adapter — coast clutch to front carrier
12	Bearing assembly	36	Gear — sun overdrive
13	Washer — fluid pump input thrust (select fit) No. 1	37	Carrier — planetary gear front (with trigger wheel)
14	Screw — fluid pump-to-converter housing (6 req'd)	38	Bearing — front planet thrust No. 2
15	Seal ring — fluid pump	39	Gear — overdrive ring
16	Nut and seal assembly — hex intermediate and front band adjustment/lock (2 req'd)	40	Clutch assembly — overdrive one-way
17	Screw — intermediate and front band adjuster/lock (2 req'd)	41	Shaft assembly — center overdrive (includes overdrive one-way clutch)
18	Strut — intermediate and front band anchor (2 req'd)	42	Retaining ring — 110.1 mm (4.4 in) center shaft in front ring gear
19	Bracket — front band lever to case	43	Retaining ring — center support in case
20	Shaft — front band actuating lever	44	Bearing — center shaft thrust No. 3, 5, and 9 (3 req'd)
21	Lever — intermediate and front band servo (2 req'd)	45	Nut and cage assembly — (attaches center support to case)
22	Strut — intermediate and front band apply (2 req'd)		
23	Band assembly — intermediate and front (2 req'd)		
24	Drum assembly — front brake and coast clutch		

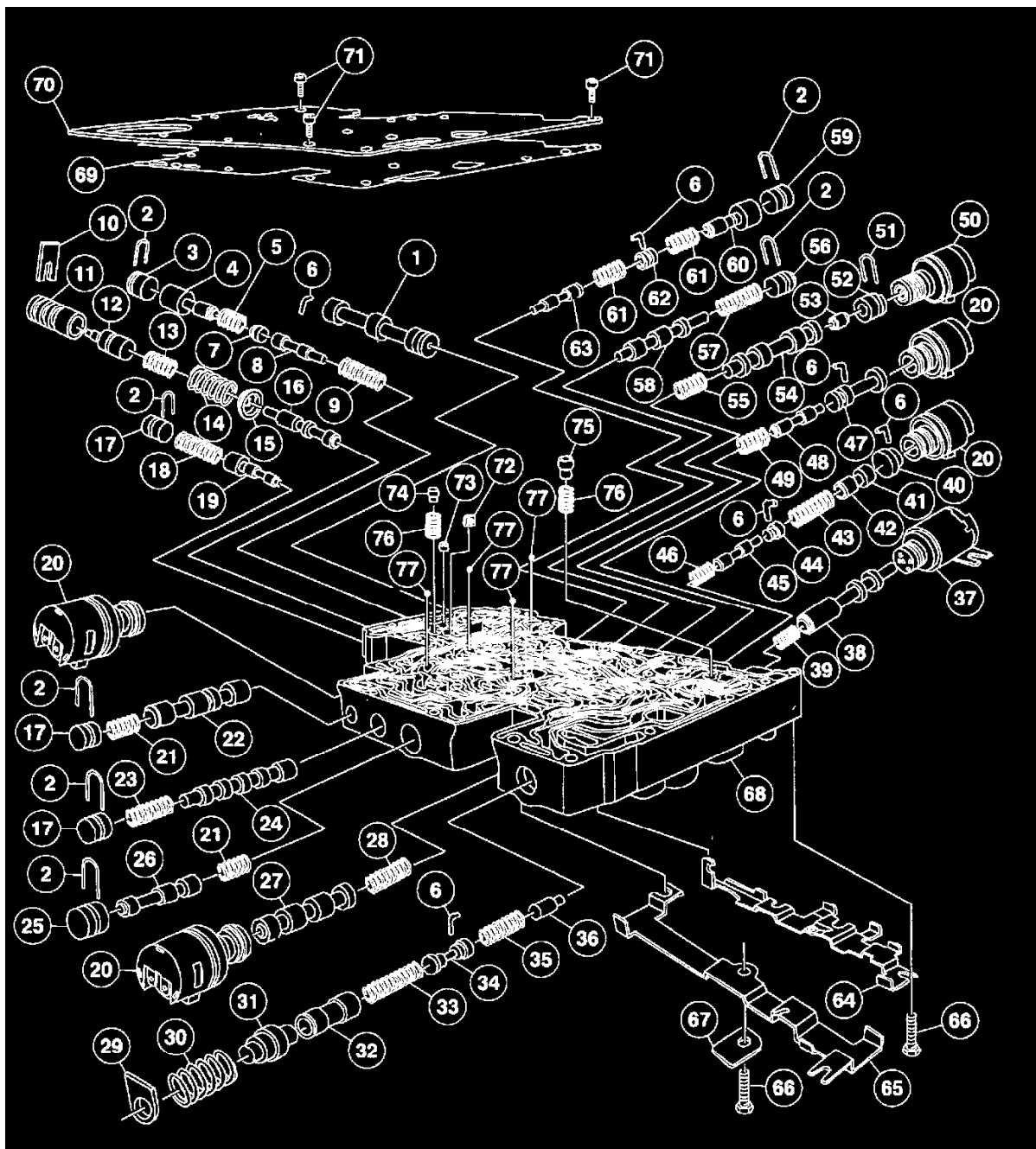
Item	Description
46	Screw cap (attaches center support to case)
47	Sensor — turbine shaft speed (TSS)
48	Screw — turbine shaft speed sensor
49	Support assembly — center
50	Bearing — intermediate brake drum thrust (select fit) No. 4
51	Shaft — intermediate band actuating lever
52	Drum assembly — intermediate brake and direct clutch (not available separately)
53	Seal ring — direct clutch piston outer
54	Piston — direct clutch
55	Retainer — direct clutch piston spring
56	Bearing assembly
57	Cylinder assembly — forward clutch
58	Seal ring — forward clutch piston inner
59	Seal ring — forward clutch piston outer
60	Piston assembly — forward clutch
61	Spring — forward clutch piston (15 req'd)
62	Retainer — forward clutch piston spring
63	Retaining ring 34 mm (1.36 in) — forward clutch piston and spring in forward clutch cylinder
64	Spring — forward clutch cushion
65	Plate — forward clutch external steel (6 req'd)
66	Plate — forward clutch internal friction (6 req'd)
67	Plate — forward clutch pressure
68	Retaining ring — forward clutch plates in forward clutch cylinder (select fit)
69	Bearing — forward ring gear hub thrust No. 6A

Item	Description
70	Washer — forward clutch thrust No. 6B
71	Retaining ring — 87 mm (3.48 in) forward and output shaft ring gears to hubs (2 req'd)
72	Hub — forward ring gear
73	Gear — forward ring (72 external teeth and 57 internal teeth)
74	Bearing — forward planet thrust No. 7
75	Planet assembly — forward (6 pinion)
76	Retaining ring 39 mm (1.56 in) — input shell to sun gear assembly (2 req'd)
77	Gear assembly — sun (forward)
78	Shell — input
79	Bearing assembly — low/reverse planet carrier thrust No. 8
80	Planet assembly — low/reverse (6 pinion)
81	Sleeve — output
82	Gear — output shaft ring
83	Retaining ring 25 x 2 mm (0.08 in) — output shaft in case
84	Hub — output shaft
85	Drum assembly — low/reverse brake (includes overrunning clutch)
86	Bearing — part of reverse drum
87	Clutch assembly — part of reverse drum
88	Band — low/reverse
89	Bearing race (2 pieces) — output shaft hub thrust No. 10A
90	Bearing assembly — output shaft hub thrust No. 10B
91	Bearing — output shaft to case (part of case assembly)
92	Washer — output shaft thrust No. 11
93	Gear assembly — transmission parking
94	Shaft — output (4x2)
95	Gasket — extension housing

Item	Description
96	Pawl — parking
97	Spring — parking pawl return
98	Shaft — parking pawl
99	Extension housing (4x2)
100	Bushing — extension housing (4x2)
101	Seal assembly — extension housing to slip yoke (4x2)
102	Stud — extension housing (1 or 2 req'd)
103	Screw — extension housing (5 or 6 req'd)
104	Shaft — output (4x4)
105	Extension housing (4x4)
106	Screw — extension housing to transfer case (5 req'd)
107	Nut — attaches outer and inner manual valves to shaft (2 req'd)
108	Lever — manual control outer
109	Screw — digital transmission range (TR) sensor (2 req'd)
110	Sensor — transmission range (TR)
111	Shaft — manual valve outer to inner lever
112	Pin — spring (retains outer manual lever to case)
113	Seal — main control lever
114	Lever — manual valve inner
115	Rod — parking pawl actuating
116	Spring assembly — manual valve detent
117	Screw — attaches detent spring to main control
118	Connector — transmission case (16-pin with wire harness to 6 solenoids)
119	O-ring — transmission case (16-pin) connector
120	Case assembly (model dependent)
121	Screw — M6 x 19 cap
122	O-ring — speed sensor
123	Screw — OSS sensor
124	Sensor — intermediate shaft speed (ISS)
125	Spring — retains 16 pin connector in case

Item	Description
126	Sensor — output shaft speed (OSS)
127	Plug — pipe line and EPC pressure (part of case assembly) (2 req'd)
128	Vent — (4x4)
129	Vent — (4x2)
130	Stud — attaches heat shield to case
131	Shield — transmission heat (4.0L only)
132	Nut — transmission heat shield
133	Tube — lube fluid inlet — short
134	Connector — fluid tube (2 req'd)
135	Spring — intermediate servo and front piston
136	Piston and rod assembly — intermediate and front servo
137	Cover and seal assembly — intermediate and front servo
138	O-ring — servo cover to case intermediate and front servo
139	Retaining ring — 67 x 1.5 mm (0.06 in) intermediate and front servo
140	Screw — attaches separating plate to main control (3 req'd)
141	Solenoid — electronic pressure control (EPC)
142	Solenoid — transmission shift (SS) (4 req'd)
143	O-ring — shift solenoid small (13x1.5) (4 req'd)
144	O-ring — shift solenoid large (15x1.5) (4 req'd)
145	Solenoid — torque converter clutch (TCC)
146	Clamp — (SSA and SSC) solenoids
147	Clamp — TCC/SSD/SSB and EPC solenoids
148	Screw — clamp (2 req'd)
149	Gasket — control valve body-to-case

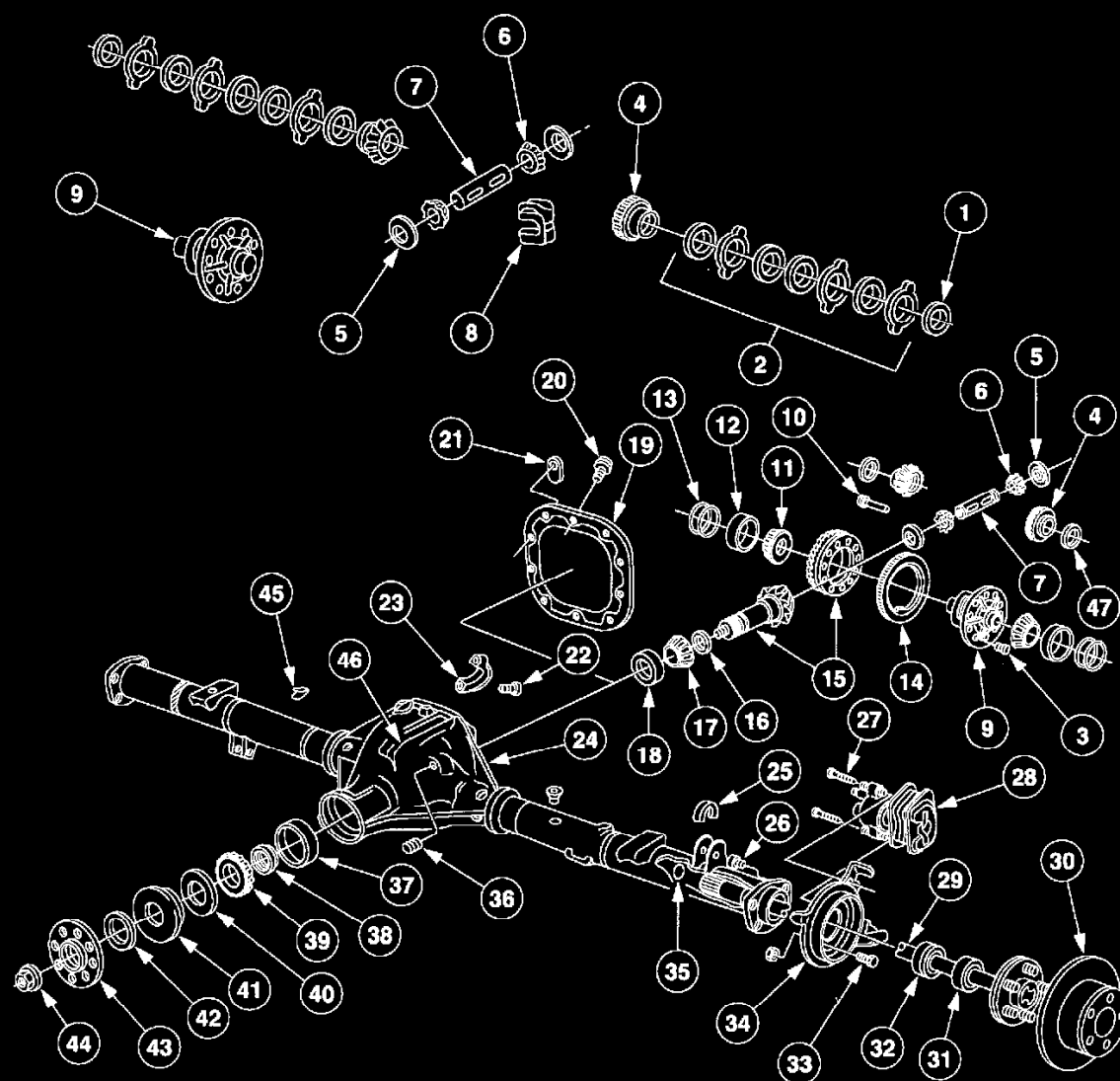
Item	Description	Item	Description
150	Plate — valve body separating (not available separately)	160	Cover — low/reverse servo
151	Gasket — control valve body separating	161	Screw — low/reverse servo cover (4 req'd)
152	Control valve body — main (model dependent)	162	O-ring — fluid filter assembly small
153	Screw — M6 x 45 main control valve body (4 req'd)	163	Filter — fluid pan (4x2)
154	Screw — M6 x 40 main control valve body (16 req'd)	164	O-ring — fluid filter assembly large
155	Screw — M6 x 35 main control valve body (3 req'd)	165	Magnet
156	Seal ring — low/reverse servo piston small	166	Gasket — fluid pan
157	Seal ring — low/reverse servo piston large	167	Screw — transmission fluid pan (18 req'd)
158	Piston assembly — low/reverse band servo with rod and retainer (select fit)	168	Pan — transmission fluid (4x2)
159	Gasket — low/reverse servo cover	169	Filter — transmission fluid pan (4x4)
		170	Pan — transmission fluid (4x4)
		171	Screw — fluid filter
		A	Coast clutch assembly
		B	Direct clutch assembly
		C	Forward clutch assembly



Item	Description
1	Valve — manual
2	Retainer — valve plug (7 req'd)
3	Plug — valve retainer
4	Valve — forward modulator
5	Spring — forward modulator
6	Retainer — valve plug (6 req'd)
7	Plug — valve retainer
8	Valve — EPC boost
9	Spring — EPC boost
10	Retainer — valve plug
11	Sleeve — pressure boost
12	Valve — pressure boost
13	Spring — pressure boost
14	Spring — oil pressure regulator
15	Retainer — main regulator spring
16	Valve — pressure regulator
17	Plug — valve retainer (3 req'd)
18	Spring — forward engagement
19	Valve — forward engagement control
20	Solenoid — shift (4 req'd)
21	Spring — 4-3 (K.D./T.D.) (2 req'd)
22	Valve — 4-3 (K.D.)
23	Spring — manual low (1)
24	Valve — manual low (1)
25	Plug — valve retainer
26	Valve — 4-3 (T.D.)
27	Valve — 1-2 and 4-5 shift
28	Spring — 1-2 and 4-5 shift
29	Retainer — valve plug
30	Spring — thermostat bypass
31	Valve — thermostatic bypass
32	Valve — thermostat bypass
33	Spring — thermostat bypass
34	Plug — valve retainer
35	Spring — cooler limit
36	Valve — cooler limit
37	Solenoid — converter clutch (PWM)
38	Valve — converter clutch
39	Spring — converter clutch

Item	Description
40	Plug — valve retainer
41	Valve — converter clutch
42	Spring — converter clutch
43	Spring — converter clutch (3.0L and 4.0L only)
44	Plug — valve retainer
45	Valve — coast clutch
46	Spring — coast clutch
47	Plug — valve retainer
48	Valve — 4-3 downshifts
49	Spring — 4-3 downshifts
50	Solenoid — EPC (VFS)
51	Retainer — valve plug
52	Plug — valve retainer
53	Valve — 2-3 shift
54	Valve — 2-3 shift
55	Spring — 2-3 shift
56	Plug — valve retainer
57	Spring — 3-4 shift
58	Valve — 3-4 shift
59	Plug — valve retainer
60	Valve — reverse modulation
61	Spring — reverse modulation (2 req'd)
62	Plug — valve retainer
63	Valve — reverse modulation
64	Clamp — SSA/SSC
65	Clamp — SSB/SSD/EPC/TCC
66	Screw — retain solenoid clamps (2 req'd)
67	ID plate
68	Body — valve
69	Gasket — separator plate
70	Plate — separator
71	Screw — retain separator plate (3 req'd)
72	Screen — EPC limit circuit
73	Extension housing lube orifice
74	Valve — EPC limit (metal)
75	Valve — converter relief (plastic)
76	Spring — EPC limit/converter relief (2 req'd)
77	Ball (4 req'd)

(Disc Brakes)**3.8 Inch Rear Axle (Drum Brakes)**



Item	Description
1	Rear axle differential clutch shim
2	Differential clutch pack
3	Rear axle differential gear case bolt
4	Differential side gear
5	Differential pinion thrust washer
6	Differential pinion gear

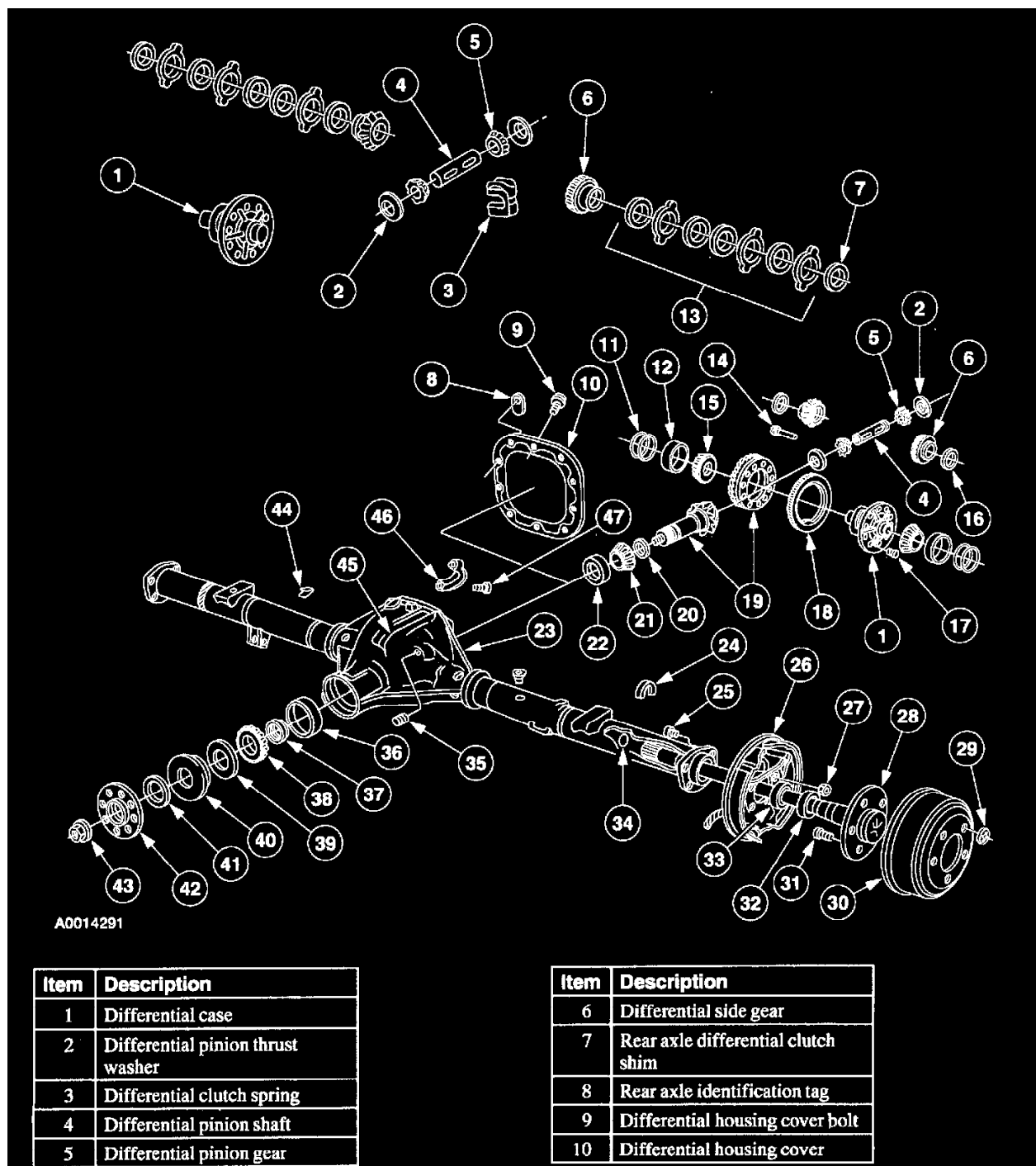
Item	Description
7	Differential pinion shaft
8	Differential clutch spring
9	Differential case
10	Differential pinion shaft lock bolt
11	Differential bearing
12	Differential bearing cup
13	Differential bearing shim

Item	Description	Item	Description
14	Anti-lock speed sensor ring	31	Wheel bearing oil seal
15	Ring gear and pinion	32	Rear wheel bearing
16	Drive pinion bearing adjustment shim	33	Bolt
17	Pinion bearing (inner)	34	Rear disc brake adapter
18	Rear axle pinion bearing cup	35	Rear axle shaft O-ring
19	Differential housing cover	36	Filter plug
20	Differential housing cover bolt	37	Pinion bearing cup (outer)
21	Rear axle identification tag	38	Collapsible spacer
22	Bearing cap bolt	39	Pinion bearing (outer)
23	Bearing cap	40	Rear axle drive pinion shaft oil slinger
24	Differential housing	41	Rear axle drive pinion seal
25	U-washer	42	Drive pinion oil seal deflector
26	Bolt	43	Pinion flange
27	Bolt	44	Pinion nut
28	Rear disc brake caliper	45	Rear axle brake line clip
29	Axle shaft	46	Vehicle speed sensor
30	Rear brake disc	47	Differential side gear thrust washer

Part 2 of 2

(Drum Brakes)

8.8 Inch Rear Axle (Drum Brakes)

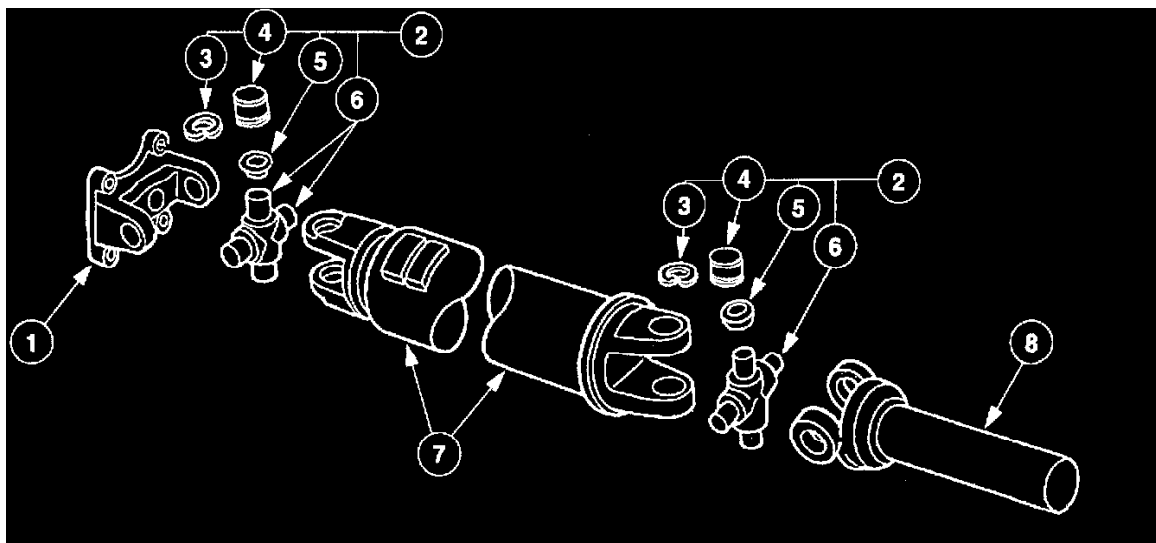


Item	Description	Item	Description
11	Differential bearing shim	29	Retainer
12	Differential bearing cup	30	Brake drum
13	Differential clutch pack	31	Wheel stud
14	Differential pinion shaft lock bolt	32	Wheel bearing oil seal
15	Differential bearing	33	Rear wheel bearing
16	Differential side gear thrust washer	34	Rear axle shaft O-ring
17	Case bolt	35	Filler plug
18	Anti-lock speed sensor ring	36	Pinion bearing cup (outer)
19	Differential ring gear and pinion	37	Drive pinion collapsible spacer
20	Drive pinion bearing adjustment shim	38	Pinion bearing (outer)
21	Pinion bearing (inner)	39	Rear axle drive pinion shaft oil slinger
22	Pinion bearing cup	40	Rear axle drive pinion seal
23	Differential housing	41	Drive pinion oil seal deflector
24	U-washer	42	Pinion flange
25	Bolt	43	Pinion nut
26	Drum brake assembly	44	Rear axle brake line clip
27	Brake backing plate nut	45	Anti-lock speed sensor
28	Axle shaft	46	Bearing cap
		47	Bearing cap bolt

Part 2 of 2

Drive/Propeller Shaft

Driveshaft Rear



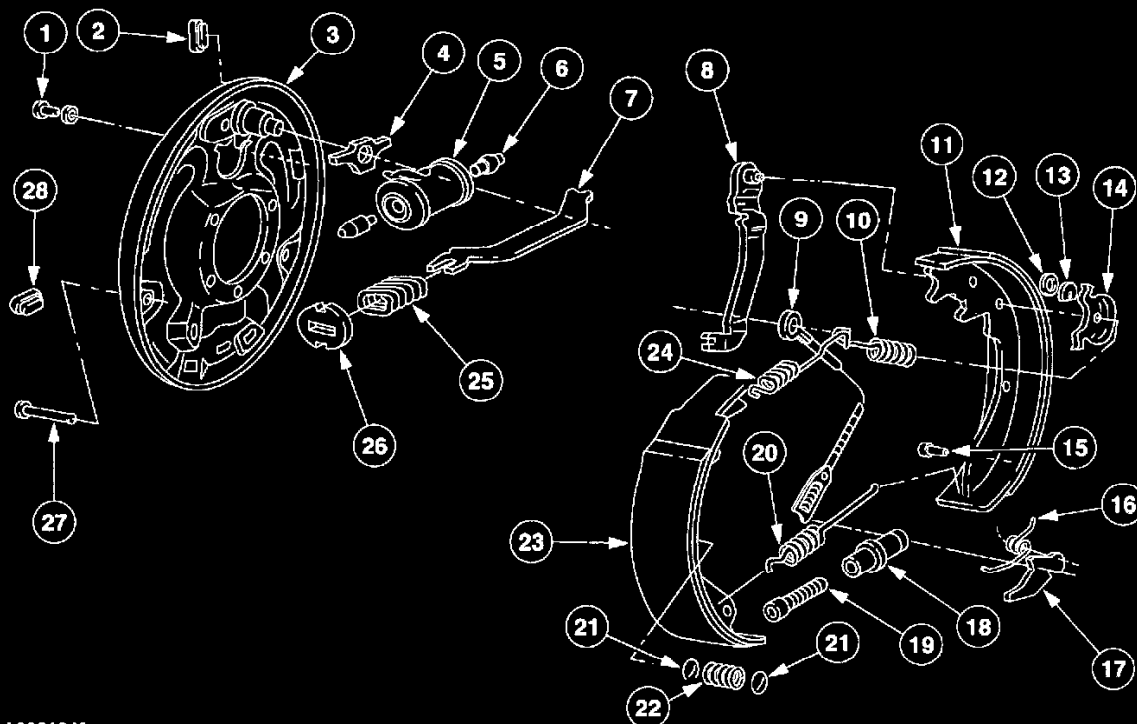
Part 1 of 2

Item	Description	Item	Description
1	Flange	5	Seal
2	Universal joint	6	Spider
3	Snap ring	7	Driveshaft
4	Bearing	8	Driveshaft slip-yoke

Part 2 of 2

Drum Brake System

Rear Brake



A0021840

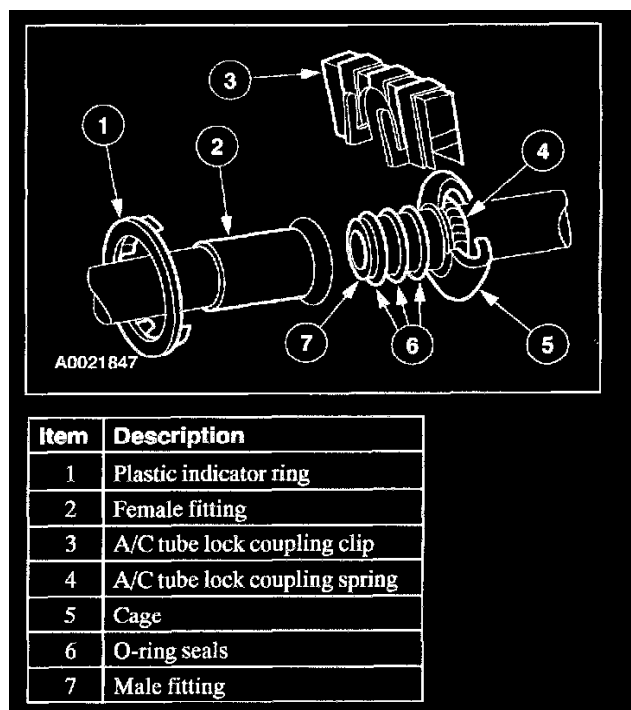
Item	Description
1	Wheel cylinder-to-backing plate bolt
2	Inspection hole cover
3	Brake backing plate — (RH/LH)
4	Brake shoe guide plate
5	Rear wheel cylinder — (RH/LH)
6	Wheel cylinder link
7	Parking brake strut

Item	Description
8	Parking brake lever — (RH/LH)
9	Brake shoe adjusting lever cable — (RH/LH)
10	Secondary brake shoe retracting spring
11	Rear brake shoe and lining, secondary
12	Washer — (RH/LH)

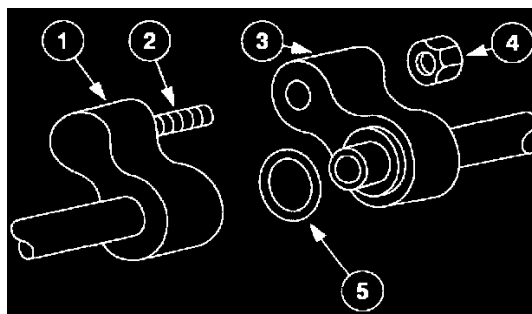
Item	Description	Item	Description
13	Parking brake lever pin retainer (RH/LH)	21	Brake shoe hold-down spring cup
14	Cable guide (RH/LH)	22	Brake shoe hold-down spring
15	Adjusting lever pin	23	Rear brake shoe and lining, primary
16	Adjusting lever return spring (RH/LH)	24	Primary brake shoe retracting spring
17	Brake shoe adjusting lever (RH/LH)	25	Parking brake strut spring
18	Brake shoe adjusting screw nut	26	Parking brake strut washer
19	Brake adjuster screw	27	Brake shoe hold-down spring pin
20	Brake shoe adjusting screw spring	28	Brake adjusting hole cover

Part 2 of 2

System Diagram

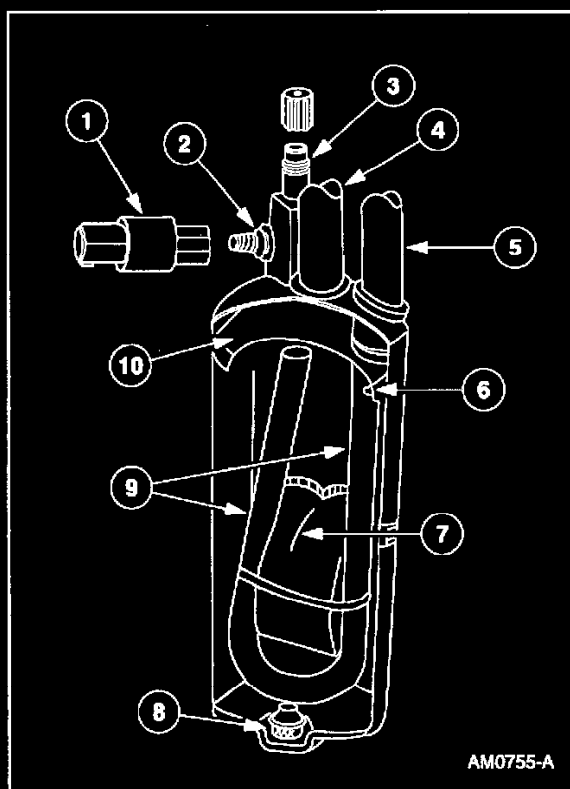


Spring Lock Coupling



AM0818-A

Item	Description
1	Female block (part of tube assy).
2	Stud (part of female block)
3	Male block (part of 19712)
4	Nut
5	O-ring seal



AM0755-A

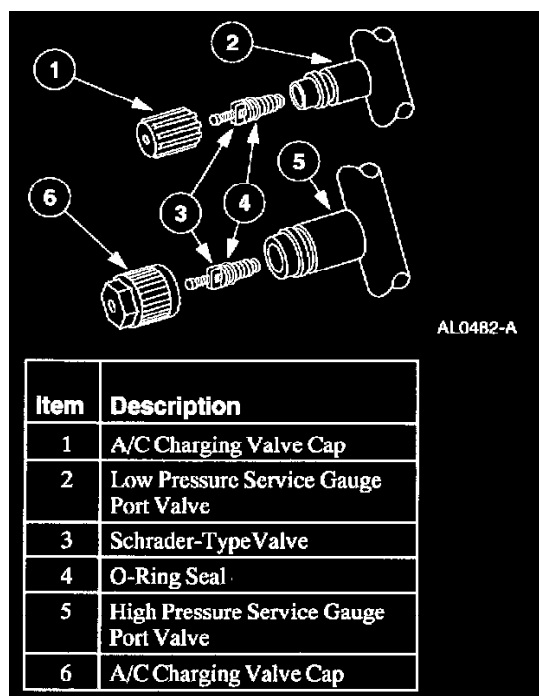
Item	Description
1	A/C cycling switch
2	O-ring seal

(Continued)

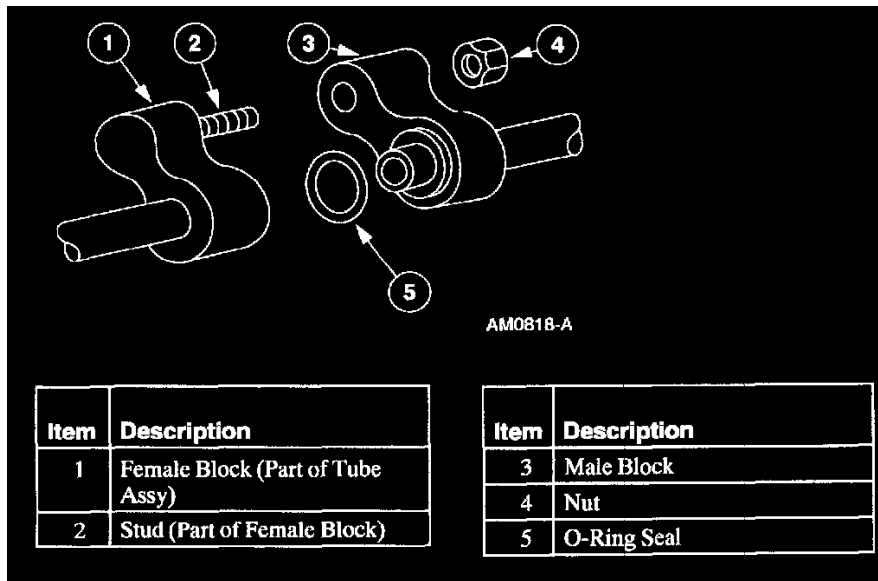
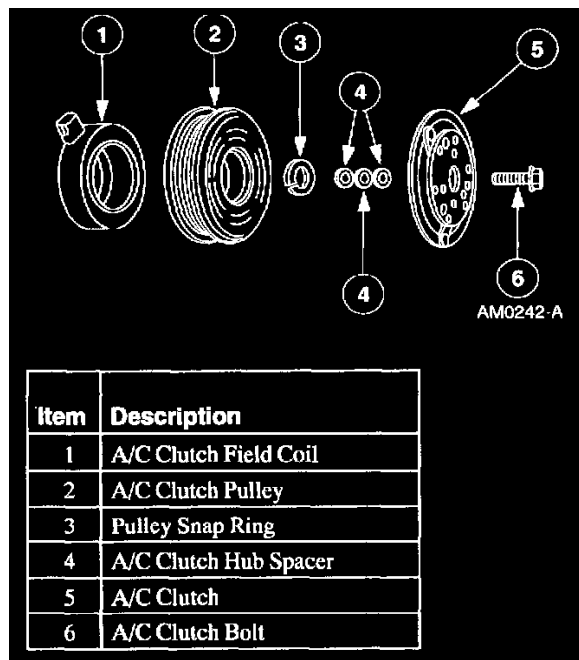
Suction Accumulator, Part 1

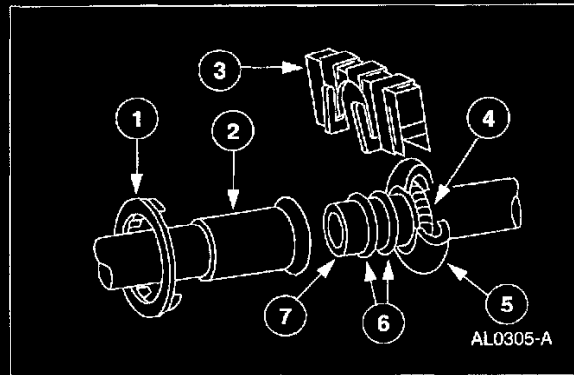
Item	Description
3	Low pressure service gauge port valve
4	Inlet from A/C evaporator core
5	Outlet to A/C compressor
6	Anti-siphon hole
7	Desiccant bag
8	Oil return orifice filter
9	Vapor return tube
10	Suction accumulator dome

Suction Accumulator, Part 2

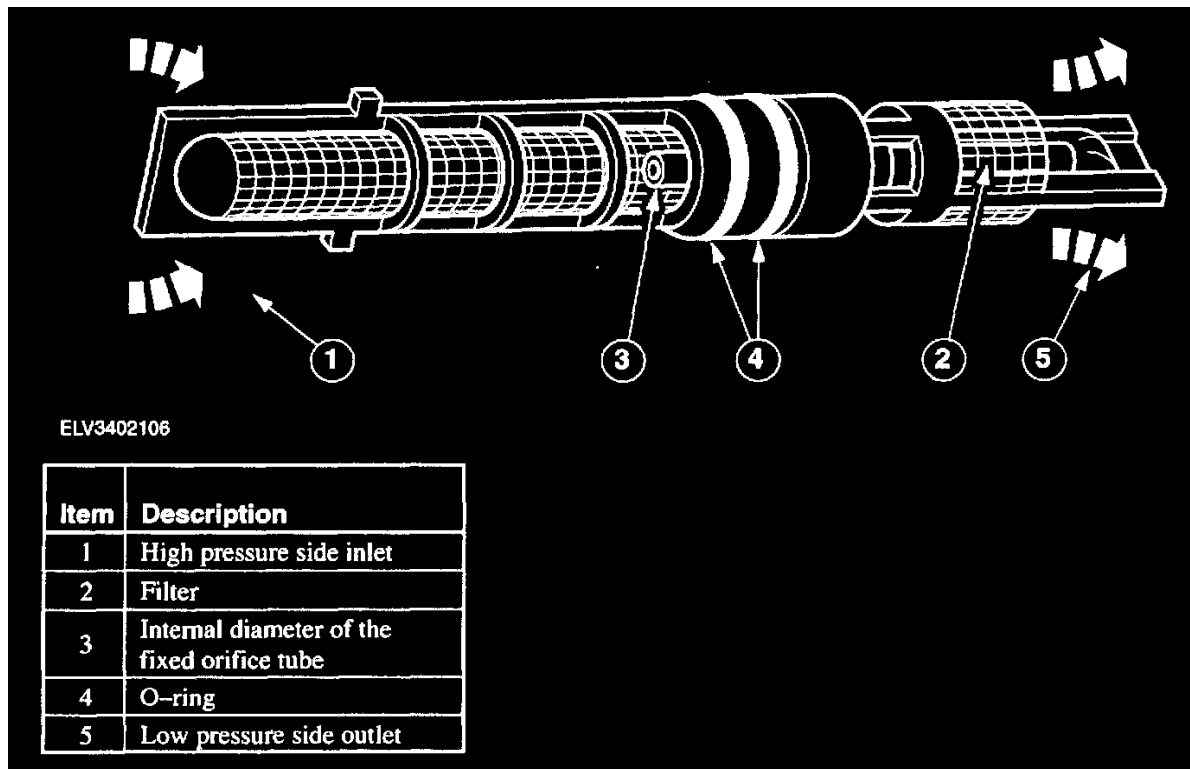


Service Gauge Port Valve



Spring Lock Coupling

Item	Description
1	Plastic indicator ring
2	Female fitting
3	A/C tube lock coupling clip
4	A/C tube lock coupling spring
5	Cage
6	O-ring seals (3 required for A/C condenser core, 2 required for all others)
7	Male fitting

Spring Lock Coupling

Item	Description
1	High pressure side inlet
2	Filter
3	Internal diameter of the fixed orifice tube
4	O-ring
5	Low pressure side outlet

C100**14A280**Y31
A/C clutch solenoid

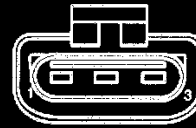
F02245

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

C101**12B637**B43
Crankshaft position sensor

F02012

Pin	Circuit	Circuit Function
1	349 (DB)	Crankshaft position sensor +
2	350 (GY)	Crankshaft position sensor -

C102a**12B637** Early production**14A280** Late production

F03074

O5
Generator

Pin	Circuit	Circuit Function
1	36 (YE/WH)	Voltage supplied at all times (overload protected)
2	—	not used
3	904 (LG/RD)	Generator/Battery Indicator, control

C102b**14A280**O5
Generator

F01057

Pin	Circuit	Circuit Function
1	38 (BK/OG)	Voltage supplied at all times (not overload protected)

C103**14A280**

N17
Oil pressure switch

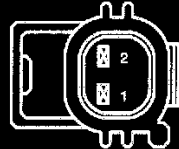


F01016

Pin	Circuit	Circuit Function
1	253 (DG/WH)	Oil pressure switch, input

C109**12B637**

B45
Knock sensor

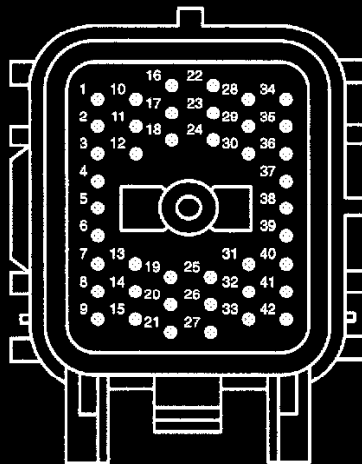


F02064

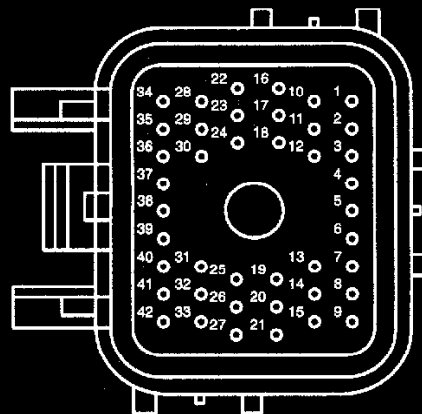
Pin	Circuit	Circuit Function
1	310 (YE/RD)	Knock sensor
2	311 (DG/VT)	Knock sensor

C110

14290
14398



F42001

12B637

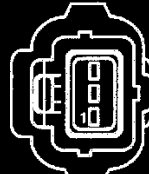
F42002

(1) 16 (RD/LG)	(13) 1215 (WH/LG)	(19)	(31) 1093 (TN/RD)
(2) 11 (TN/YE)	(14) 91 (VT/WH)	(20)	(32) 1216 (GY/OG)
(3) 915 (PK/LB)	(15) 928 (LB/OG)	(21)	(33) 463 (RD/WH)
(4) 810 (RD/LG)	(16) 39 (RD/WH)	(22)	(34) 570 (BK/WH)
(5) 238 (DG/YE)	(17) 791 (RD/PK)	(23)	(35) 347 (BK/YE)
(6) 658 (PK/LG)	(18) 359 (GY/RD)	(24)	(36) 34 (LB/OG)
(7) 679 (GY/BK)	(19) 351 (BN/WH)	(25) 298 (VT/OG)	(37) 348 (VT)
(8) 37 (YE)	(20) 199 (LB/YE)	(26)	(38) 357 (YE/WH)
(9) 361 (RD)	(21) 140 (BK/PK)	(27) 305 (LB/PK)	(39) 191 (LG/BK)
(10) 28 (YE/WH)	(22) 107 (VT)	(28) 394 (OG/BK)	(40) 911 (WH/LG)
(11) 914 (TN/OG)	(23) 343 (DB/LG)	(29) 784 (LB/BK)	(41) 904 (LG/RD)
(12) 224 (TN/WH)	(24) 329 (PK)	(30) 331 (PK/YE)	(42) 36 (YE/WH)
			1017 (BK/WH)

C122**14290**
14398M87
Speed control servo

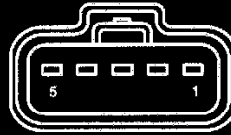
F10011

Pin	Circuit	Circuit Function
1	203 (OG/LB)	Cruise set, indicator, control
2	—	not used
3	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
4	306 (TN/LB)	Brake pedal position switch, input
5	151 (LB/BK)	Speed control switch, input
6	848 (DG/OG)	Speed control switch, Ground
7	1003 (GY/YE)	Voltage in Run (overload protected)
8	—	not used
9	307 (BK/YE)	Brake pressure switch, input
10	57 (BK)	Ground

C124**14290**
14398N1
Brake fluid level
switch

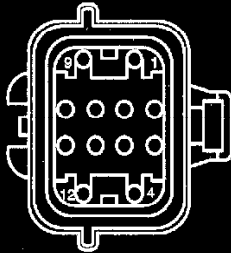
F03093

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	512 (TN/LG)	Brake indicator, control
3	977 (VT/WH)	Brake indicator, control

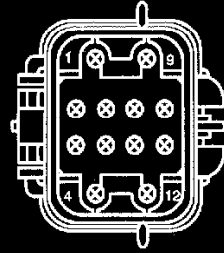
C125**14398**M111
Windshield wiper
motor

F05091

Pin	Circuit	Circuit Function
1	56 (DB/OG)	Wiper high/low relay, switched power, output, High
2	58 (WH)	Wiper high/low relay, switched power, output, Low
3	57 (BK)	Ground
4	63 (RD)	Voltage in Run or Accessory (overload protected)
5	671 (LB)	Wiper run/park relay, switched output

C126**14290**
14398

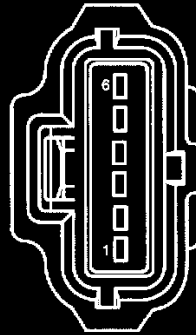
F12046

14290
14398

F12045

D16
ABS test connector

(1)	(7)
(2) 57 (BK)	(8) 70 (LB/WH)
(3)	(9) 534 (YE/LG)
(4)	(10)
(5) 601 (LB/BK)	(11)
(6) 483 (RD)	(12)

C128**12B637**B22
Mass Air Flow
(MAF) sensor

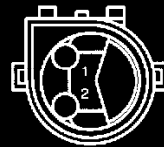
F06077

Pin	Circuit	Circuit Function
1	359 (GY/RD)	signal, return
2	361 (RD)	Voltage supplied in Start and Run (overload protected)
3	969 (BK)	Mass Air Flow (MAF) sensor, Ground
4	968 (TN/LB)	Mass Air Flow (MAF) sensor, signal, return
5	967 (LB/RD)	Mass Air Flow (MAF) sensor, output
6	743 (GY)	Intake Air Temperature (IAT) sensor, input

C131**14290**
14398H1
Horn

F02069

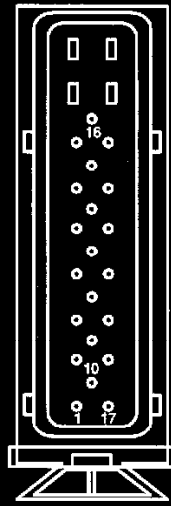
Pin	Circuit	Circuit Function
1	1 (DB)	Horn relay, control
2	57 (BK)	Ground

C132**14290**
14398B203
Ambient air temper-
ature sensor

F02004

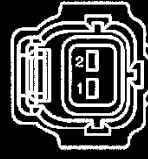
Pin	Circuit	Circuit Function
1	233 (DB/YE)	Ambient air temperature sensor, feed
2	234 (DB/WH)	Ambient air temperature sensor, return



C135**14290****14398**A7
ABS control module

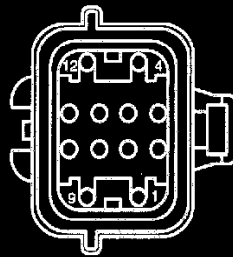
F25007

Pin	Circuit	Circuit Function
1	—	not used
2	810 (RD/LG)	Brake pedal position switch, input
3	514 (YE/RD)	Wheel speed sensor, right front +
4	516 (YE/BK)	Wheel speed sensor, right front —
5	—	not used
6	—	not used
7	—	not used
8	57 (BK)	Ground
9	534 (YE/LG)	Voltage supplied at all times (overload protected)
10	—	not used
11	—	not used
12	—	not used
13	570 (BK/WH)	Ground
14	571 (BK/OG)	Ground
15	—	not used
16	603 (DG)	Anti-lock brake indicator, control
17	521 (TN/OG)	Wheel speed sensor, left front +
18	522 (TN/BK)	Wheel speed sensor, left front —
19	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
20	601 (LB/BK)	Voltage in Run (overload protected)
21	523 (RD/PK)	Wheel speed sensor, right rear +
22	519 (LG/BK)	Wheel speed sensor, left rear —
23	70 (LB/WH)	ISO Bus
24	57 (BK)	Ground
25	483 (RD)	Voltage supplied at all times (overload protected)

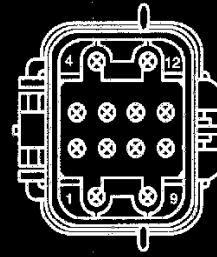
C137**14290**
14398M112
Windshield washer
pump motor

F02091

Pin	Circuit	Circuit Function
1	488 (DG)	Windshield washer pump motor, feed
	941 (BK/WH)	Windshield washer pump motor, feed
2	941 (BK/WH)	Windshield washer pump motor, feed
	57 (BK)	Ground

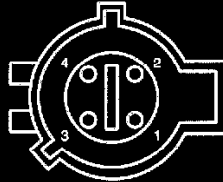
C139**14A280**

F12046

14290
14398

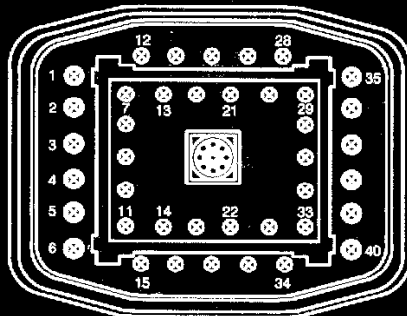
F12045

(1) 113 (YE/LB)	(7)
(2) 441 (RD/YE)	(8) 253 (DG/WH)
(3) 57 (BK)	(9) 113 (YE/LB)
(4) 36 (YE/WH)	(10) 904 (LG/RD)
(5) 570 (BK/WH)	(11) 321 (GY/WH)
(6) 253 (DG/WH)	(12)

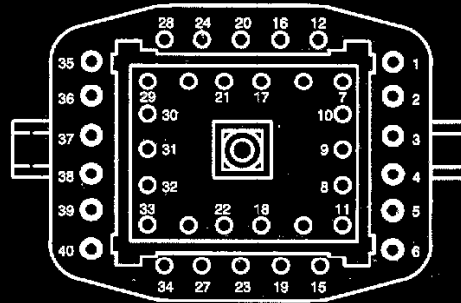
C142**12A690 Early production****12B637 Late production**B88
Heated Oxygen
Sensor (HO2S) #12

F04082

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	389 (WH/BK)	Heated Oxygen Sensor (HO2S) #12, heater
3	89 (OG)	signal, return
4	392 (RD/LG)	Heated Oxygen Sensor (HO2S) #12, input

C144 (BN)**14290
14398**

F40003

14401

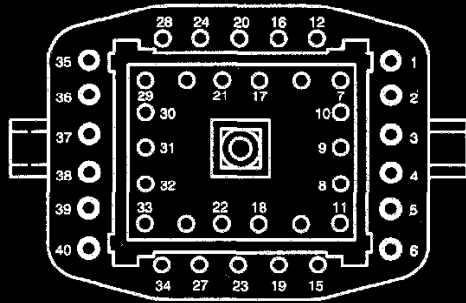
F40002

- (1) 194 (PK)
- 400 (LB/BK)
- (2) 591 (LG)
- (3) 592 (TN)
- 704 (DG/LG)
- (4) 704 (DG/LG)
- 218 (WH/PK)
- 592 (TN)
- (5) 478 (TN/OG)
- 306 (TN/LB)
- (6) 175 (BK/YE)
- 687 (GY/YE)
- (7) 519 (LG/BK)
- 1017 (BK/WH)
- (8) 523 (RD/PK)
- 70 (LB/WH)
- (9) 478 (TN/OG)
- 233 (DB/YE)

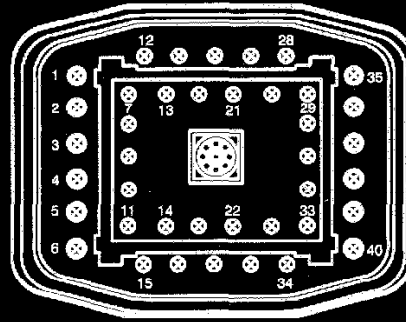
- (10) 477 (LB/BK)
- 463 (RD/WH)
- (11) 463 (RD/WH)
- 784 (LB/BK)
- (12) 343 (DB/LG)
- (13) 512 (TN/LG)
- 477 (LB/BK)
- (14) 946 (VT/LG)
- (15) 601 (LB/PK)
- (16) 603 (DG)
- (17) 571 (BK/OG)
- (18) 784 (LB/BK)
- 306 (TN/LB)
- 478 (TN/OG)
- (19) 151 (LB/BK)
- (20) 1003 (GY/YE)
- (21) 203 (OG/LB)
- 1032 (WH/BK)

- (22) 603 (DG)
- 848 (DG/OG)
- (23) 39 (RD/WH)
- (24) 234 (TN/WH)
- (25) 325 (DB/OG)
- 481 (GY/YE)
- (26) 848 (DG/OG)
- 1032 (WH/BK)
- (27) 233 (DB/YE)
- 348 (VT)
- (28) 29 (YE/WH)
- (29) 39 (RD/WH)
- 523 (RD/PK)
- (30) 70 (LB/WH)
- 519 (LG/BK)
- (31) 477 (LB/BK)
- 512 (TN/LG)

- (32) 946 (VT/LG)
- 199 (LB/YE)
- 218 (WH/PK)
- (33) 1032 (WH/BK)
- 1215 (WH/LG)
- (34) 348 (VT)
- 1216 (GY/OG)
- (35) 12 (LG/BK)
- (36) 10 (LG/RD)
- (37) 10 (LG/RD)
- 1002 (BK/PK)
- 410 (WH/OG)
- (38) 410 (WH/OG)
- 1002 (BK/PK)
- 193 (YE/LG)
- 411 (BK/LB)
- (39) 411 (BK/LB)
- 193 (YE/LG)
- (40) 1052 (TN/BK)

C146 (GY)**14290**
14401

F40003

14290
14398

F40002

(1) 13 (RD/BK)
(2) 16 (RD/LG)
(3) 195 (TN/WH)
(4) 196 (DB/OG)
(5) 238 (DG/YE)
(6) 752 (YE/RD)
(7) 950 (WH/BK)
(8) 3 (LG/WH)
(9) 914 (TN/OG)
(10) 915 (PK/LB)
(11) 658 (PK/LG)
(12) 686 (TN/RD)

(13) 34 (LB/OG)
(14) 224 (TN/WH)
(15) 261 (OG/BK)
(16) 253 (DG/WH)
(17) 351 (BN/WH)
(18) 359 (GY/RD)
(19) 791 (RD/PK)
(20) 646 (YE/WH)
(21) 647 (GY/LB)
(22) 107 (VT)
(23) 2 (WH/LB)
(24) 2 (WH/LB)

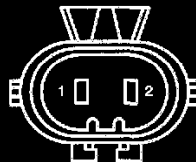
(24) 162 (LG/RD)
977 (VT/WH)
(25) 6 (YE/LG)
(26) 11 (TN/YE)
(27) 14 (BN)
(28) 140 (BK/PK)
140 (BK/PK)
(29) 911 (WH/LG)
(30) 810 (RD/LG)
(31) 329 (PK)
(32) 679 (GY/PK)

(33) 904 (LG/RD)
(34) 91 (VT/WH)
(35) 260 (RD/OG)
(36) 298 (VT/OG)
(37) 37 (YE)
(38) 63 (RD)
(39) 671 (LB)
(40) 754 (LG/WH)

C150 (BK)**14290**
14398B15
Wheel speed sensor, left front

F02085

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

C152**14290**
14398E43
Fog lamp, left front

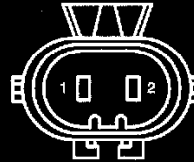
F02245

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	478 (TN/OG)	Fog lamp switch, to front fog lamp

C160 (BK)**14290**
14398B14
Wheel speed sensor, right front

F02085

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

C162**14290**
14398E42
Fog lamp, right front

F02245

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	478 (TN/OG)	Fog lamp switch, to front fog lamp

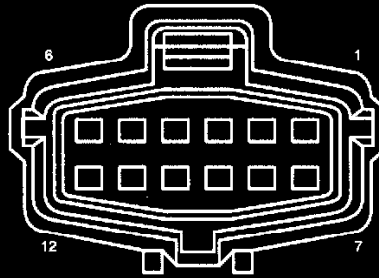
C164**12B637**B235
Intermediate Shaft
Speed (ISS) sensor

F02101

Pin	Circuit	Circuit Function
1	136 (DB/YE)	Powertrain Control Module (PCM) - Intermediate Shaft Speed (ISS) sensor
2	359 (GY/RD)	signal, return

C167**12A690 Early production****12B637 Late production**

B234
Digital Transmission
Range (DTR) sen-
sor



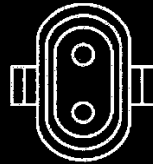
F12040

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

Pin	Circuit	Circuit Function
7	57 (BK)	Ground
8	463 (RD/WH)	Neutral, switch sense, input
9	298 (VT/OG)	Voltage in Run (overload protected)
10	1093 (TN/RD)	Power, Hot in Start with Park or Neutral
11	140 (BK/PK)	Voltage supplied in reverse
12	329 (PK)	Voltage supplied in Start (overload protected)

C169**12B637**

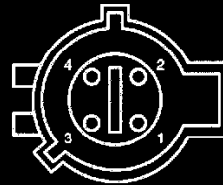
N19
Reversing lamps
switch



Pin	Circuit	Circuit Function
1	140 (BK/PK)	Voltage supplied in reverse
2	298 (VT/OG)	Voltage in Run (overload protected)

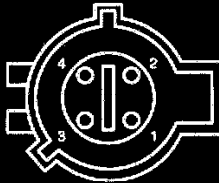
C171**12B637**

B48
Heated Oxygen
Sensor (HO2S) #11



F04082

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	387 (RD/WH)	Heated Oxygen Sensor (HO2S) #11, heater
3	89 (OG)	signal, return
4	74 (GY/LB)	Heated Oxygen Sensor (HO2S) #11, input

C172 (BU)**12A690** Early production**12B637** Late productionB47
Heated Oxygen
Sensor (HO2S) #21

F04082

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	388 (YE/LB)	Heated Oxygen Sensor (HO2S) #21, heater
3	89 (OG)	signal, return
4	94 (RD/BK)	Heated Oxygen Sensor (HO2S) #21, input

C174 (GY)**12B637**U10
Ignition transformer
capacitor 1

F01031

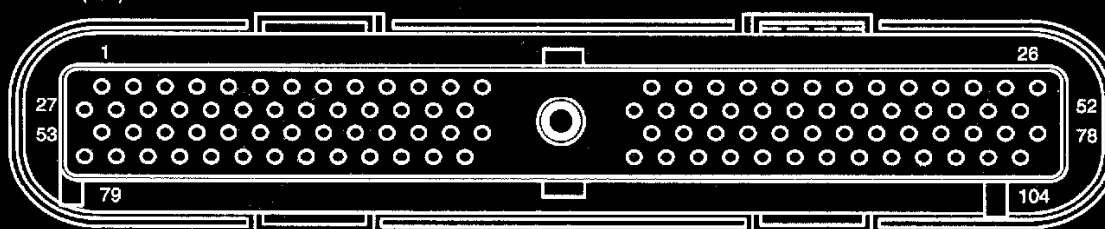
Pin	Circuit	Circuit Function
1	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)

C175 (GY)**12B637**

A147

Powertrain Control

Module (PCM)



F104001

Pin	Circuit	Circuit Function
1	315 (VT/OG)	Shift solenoid B
2	658 (PK/LG)	Malfunction Indicator Lamp (MIL), control
3	1144 (YE/BK)	Digital Transmission Range (DTR) sensor, TR1
4	—	not used
5	—	not used
6	136 (DB/YE)	Powertrain Control Module (PCM) - Output shaft speed sensor (OSS), Early production
	970 (DG/WH)	Turbine shaft speed (TSS) sensor, Late production
7	—	not used
8	—	not used
9	—	not used
10	—	not used
11	—	not used
12	29 (YE/WH)	Fuel pump/fuel gauge sender
13	107 (VT)	Module programming signal
14	784 (LB/BK)	Four-wheel drive, indicator, Low
15	915 (PK/LB)	SCP Bus -
16	914 (TN/OG)	SCP Bus +
17	1216 (GY/OG)	RX, signal
18	1215 (WH/LG)	TX, signal
19	—	not used
20	—	not used
21	349 (DB)	Crankshaft position sensor +
22	350 (GY)	Crankshaft position sensor -
23	—	not used

Pin	Circuit	Circuit Function
24	570 (BK/WH)	Ground
25	57 (BK)	Ground
26	95 (TN/WH)	Ignition coil
27	237 (OG/YE)	Shift solenoid A
28	924 (BN/OG)	Shift solenoid D
29	224 (TN/WH)	PCM, to transmission over-drive cancel switch
30	343 (DB/LG)	Anti-theft, indicator, input
31	—	not used
32	311 (DG/VT)	Knock sensor
33	—	not used
34	—	not used
35	392 (RD/LG)	Heated Oxygen Sensor (HO2S) #12, input
36	988 (TN/LB)	Mass Air Flow (MAF) sensor, signal, return
37	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor, input
38	354 (LG/RD)	Engine Coolant Temperature (ECT) sensor, input
39	743 (GY)	Intake Air Temperature (IAT) sensor, input
40	238 (DG/YE)	Fuel pump relay, switched power, output
41	348 (VT)	A/C demand signal
42	—	not used
43	305 (LB/PK)	Message center switch, input
44	325 (DB/OG)	Starter relay, control
45	357 (YE/WH)	Powertrain Control Module (PCM) to, Generic Electronic Module (GEM)
46	1017 (BK/WH)	Check cap indicator lamp

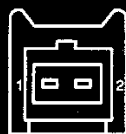
Pin	Circuit	Circuit Function
47	360 (BN/PK)	EGR Vacuum Regulator (EVR), control
48	11 (TN/YE)	Tachometer
49	1145 (LB/BK)	Digital Transmission Range (DTR) sensor, TR2
50	1143 (WH/BK)	Digital Transmission Range (DTR) sensor, TR4
51	570 (BK/WH)	Ground
52	96 (TN/OG)	Ignition coil
53	971 (PK/BK)	Shift solenoid C
54	480 (VT/YE)	Torque Converter Clutch (TCC) solenoid
55	37 (YE)	Voltage supplied at all times (overload protected)
	785 (BK/LG)	Voltage supplied at all times (overload protected)
56	191 (LG/BK)	Powertrain Control Module (PCM), EVAP canister purge valve
57	310 (YE/RD)	Knock sensor
58	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
59	134 (GY/OG)	Powertrain Control Module (PCM) – Intermediate Shaft Speed (ISS) sensor
60	74 (GY/LB)	Heated Oxygen Sensor (HO2S) #11, input
61	393 (VT/LG)	Heated Oxygen Sensor (HO2S) #22, input
62	791 (RD/PK)	Fuel tank pressure transducer sensor
63	–	not used
64	199 (LB/YE)	Digital Transmission Range (DTR) sensor, TR3A
65	352 (BN/LG)	Differential Pressure Feedback EGR (DPFE) sensor, input
66	–	not used
67	91 (VT/WH)	Canister vent
68	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
69	331 (PK/YE)	A/C clutch relay, control
70	–	not used
71	361 (RD)	Voltage supplied in Start and Run (overload protected)
72	–	not used
73	559 (TN/BK)	Fuel injector 5, control
74	557 (BN/YE)	Fuel injector 3, control
75	555 (TN)	Fuel injector 1, control

Pin	Circuit	Circuit Function
76	570 (BK/WH)	Ground
77	570 (BK/WH)	Ground
78	97 (TN/LG)	Ignition coil
79	911 (WH/LG)	Transmission Control Indicator Lamp (TCIL)
80	926 (LB/OG)	Fuel pump relay, control
81	925 (WH/YE)	Electronic Pressure Control (EPC) solenoid
82	1017 (BK/WH)	Check cap indicator lamp
83	264 (WH/LB)	Idle air control valve (IAC), control
84	970 (DG/WH)	Turbine shaft speed (TSS) sensor, Early production
	136 (DB/YE)	Powertrain Control Module (PCM) – Output shaft speed sensor (OSS), Late production
85	282 (DB/OG)	Camshaft position sensor, input
86	347 (BK/YE)	A/C clutch relay, switched output
87	94 (RD/BK)	Heated Oxygen Sensor (HO2S) #21, input
88	967 (LB/RD)	Mass Air Flow (MAF) sensor, output
89	355 (GY/WH)	Throttle Position Sensor (TPS), input
90	351 (BN/WH)	Reference, voltage
91	359 (GY/RD)	signal, return
92	810 (RD/LG)	Brake pedal position switch, input
93	387 (RD/WH)	Heated Oxygen Sensor (HO2S) #11, heater
94	388 (YE/LB)	Heated Oxygen Sensor (HO2S) #21, heater
95	389 (WH/BK)	Heated Oxygen Sensor (HO2S) #12, heater
96	390 (TN/YE)	Heated Oxygen Sensor (HO2S) #22, heater
97	361 (RD)	Voltage supplied in Start and Run (overload protected)
98	–	not used
99	560 (LG/OG)	Fuel injector 6, control
100	558 (BN/LB)	Fuel injector 4, control
101	556 (WH)	Fuel injector 2, control
102	–	not used
103	570 (BK/WH)	Ground
104	–	not used

Part 2

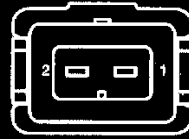
C180**12B637**

B41
Camshaft position
sensor



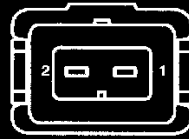
F02012

Pin	Circuit	Circuit Function
1	282 (DB/OG)	Camshaft position sensor, input
2	359 (GY/RD)	signal, return

C181**12B637**Y108
Injector 1

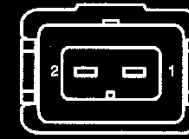
F02089

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

C182**12B637**Y109
Injector 2

F02089

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

C183**12B637**Y110
Injector 3

F02089

Pin	Circuit	Circuit Function
1	557 (BN/YE)	Fuel injector 3, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

C184**12B637**Y111
Injector 4

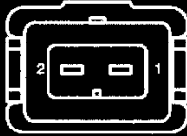
F02089

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

C185**12B637**Y112
Injector 5

F02089

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

C186**12B637**Y113
Injector 6

F02089

Pin	Circuit	Circuit Function
1	560 (LG/OG)	Fuel injector 6, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

C189**12B637**B8
Throttle Position
Sensor (TPS)

F03071

Pin	Circuit	Circuit Function
1	359 (GY/RD)	signal, return
2	355 (GY/WH)	Throttle Position Sensor (TPS), input
3	351 (BN/WH)	Reference, voltage

C193**12A690** Early production**12B637** Late productionB110
Output shaft speed
sensor (OSS)

F02101

Pin	Circuit	Circuit Function
1	136 (DB/YE)	Powertrain Control Module (PCM) - Output shaft speed sensor (OSS)
2	359 (GY/RD)	signal, return

C197a**14A280**M8
Starter motor

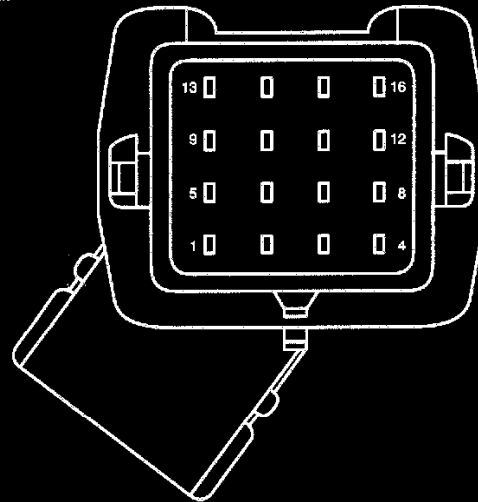
F01063

Pin	Circuit	Circuit Function
1	2037 (RD)	Battery cable +

C197b**14A280**M8
Starter motor

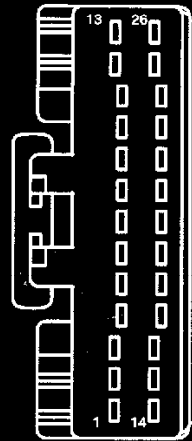
F01061

Pin	Circuit	Circuit Function
1	113 (YE/LB)	Starter motor to starter motor relay

C199**12A690 Early production****12B637 Late production**A254
5R55E Transmis-
sion

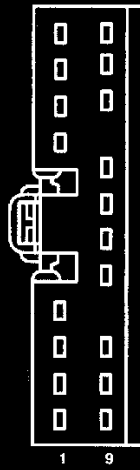
F16069

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	970 (DG/WH)	Turbine shaft speed (TSS) sensor
3	359 (GY/RD)	signal, return
4	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor, input
5	480 (VT/YE)	Torque Converter Clutch (TCC) solenoid
6	—	not used
7	971 (PK/BK)	Shift solenoid C
8	359 (GY/RD)	signal, return
9	924 (BN/OG)	Shift solenoid D
10	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
11	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
12	925 (WH/YE)	Electronic Pressure Control (EPC) solenoid
13	—	not used
14	315 (VT/OG)	Shift solenoid B
15	—	not used
16	237 (OG/YE)	Shift solenoid A

C201a (GY)**14401**A112
Generic Electronic
Module (GEM)

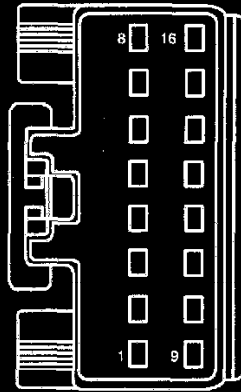
F26015

Pin	Circuit	Circuit Function
1	1010 (DB/OG)	Rear window defrost switch, input
2	—	not used
3	—	not used
4	700 (WH/VT)	Liftgate ajar switch
5	—	not used
6	—	not used
7	761 (GY/RD)	Door ajar switch, right front
8	765 (YE/BK)	Door ajar switch, left front
9	627 (BK/OG)	Door ajar indicator, control
10	158 (BK/PK)	Key warning switch, input
11	14 (BN)	Power, Exterior lamps
	1032 (WH/BK)	Trailer tow relay, feed
12	871 (YE)	Safety belt indicator, control
13	680 (LB/OG)	Wiper/washer, delay input
14	570 (BK/WH)	Ground
15	671 (LB)	Wiper run/park relay, switched output
16	—	not used
17	—	not used
18	647 (GY/LB)	Wiper high/low relay, control
19	646 (YE/WH)	Wiper run/park relay, control
20	1083 (LB/BK)	Air bag, tone driver
21	1302 (WH/LG)	Multifunction switch, Signal return
22	684 (PK/YE)	Wiper/washer, input
23	85 (BN/LB)	Safety belt buckle switch, input
24	686 (TN/RD)	Washer motor relay, control
25	70 (LB/WH)	ISO Bus
26	570 (BK/WH)	Ground

C201b (GY)**14401**A112
Generic Electronic
Module (GEM)

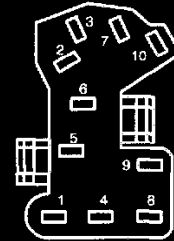
F18011

Pin	Circuit	Circuit Function
1	—	not used
2	996 (OG/WH)	Window motor, feed, Down
3	991 (TN/LB)	Master window adjust switch, feed, Down
4	—	not used
5	—	not used
6	1003 (GY/YE)	Voltage in Run (overload protected)
7	1007 (YE/RD)	Generic Electronic Module (GEM) to, One-touch window relay - output
8	1005 (VT/OG)	Generic Electronic Module (GEM) to, Battery saver relay - output
9	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
10	995 (GY)	Window motor, feed, Down
11	1001 (WH/YE)	Voltage supplied at all times (overload protected)
12	1008 (LG/OG)	Interior lamp relay, control
13	—	not used
14	1000 (RD/BK)	Voltage supplied in Start (overload protected)
15	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
16	1009 (OG/YE)	Rear window defrost relay, control
17	—	not used
18	57 (BK)	Ground

C201c (GY)**14401**A112
Generic Electronic
Module (GEM)

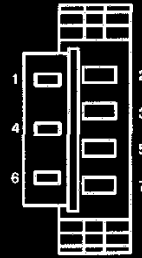
F16073

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	999 (LB/WH)	GEM/RAP door ajar, signal
4	587 (VT/YE)	Liftgate wiper motor, input
5	—	not used
6	—	not used
7	—	not used
8	591 (LG)	Rear window wiper raise relay, output
9	1013 (BN/LG)	GEM/RAP illumination, signal
10	592 (TN)	Rear window wiper lower relay, output
11	—	not used
12	485 (PK/BK)	Rear window wiper/washer switch, input
13	—	not used
14	—	not used
15	—	not used
16	—	not used

C202a (GY)**14A320**N442
Multifunction switch

F10030

Pin	Circuit	Circuit Function
1	44 (LB)	Turn signal flasher, to turn signal switch
2	378 (BN/YE)	Trailer tow connector, output
3	—	not used
4	385 (WH/RD)	Voltage supplied at all times (overload protected)
5	2 (WH/LB)	Turn lamps, feed, right front
6	—	not used
7	—	not used
8	3 (LG/WH)	Turn lamps, feed, left front
9	511 (LG)	Brake pedal position switch, to stoplamps
10	374 (DB/WH)	Trailer tow connector, output

C202b (GY)**14A320**N442
Multifunction switch

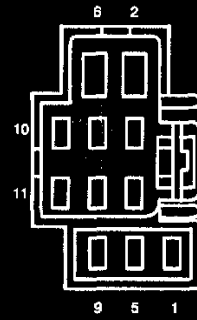
F07051

Pin	Circuit	Circuit Function
1	684 (PK/YE)	Wiper/washer, input
2	15 (RD/YE)	Power, Hot with Headlamps on
3	13 (RD/BK)	Power, Hot with Low Beams on
4	359 (GY/RD)	signal, return
5	632 (GY/OG)	Power, Hot with High Beams on
6	680 (LB/OG)	Wiper/washer, delay input
7	196 (DB/OG)	Voltage supplied at all times (overload protected)

C205**14401**

N113

Main light switch

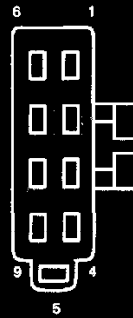


F11023

Pin	Circuit	Circuit Function
1	—	not used
2	15 (RD/YE)	Power, Hot with Headlamps on
3	1032 (WH/BK)	Trailer tow relay, feed
4	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
5	195 (TN/WH)	Voltage supplied at all times (overload protected)
6	196 (DB/OG)	Voltage supplied at all times (overload protected)
7	57 (BK)	Ground
8	484 (OG/BK)	Headlamp switch, on input
9	235 (RD/BK)	Instrument illumination, input
10	—	not used
11	—	not used

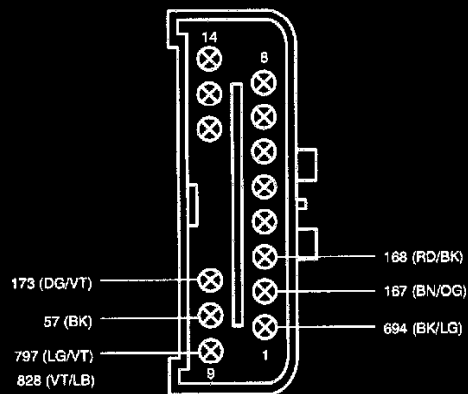
C206 (GY)**14401**

A47
Instrument panel
dimming module

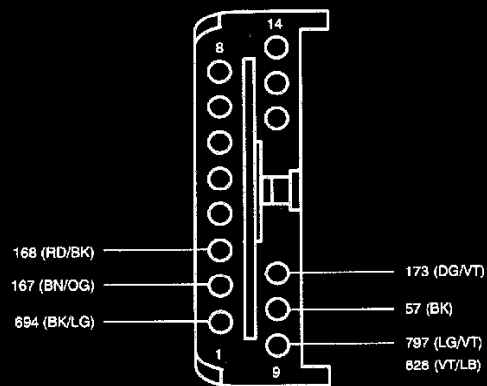


F09017

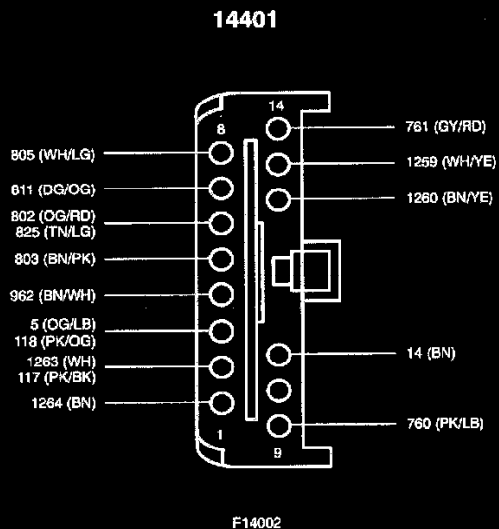
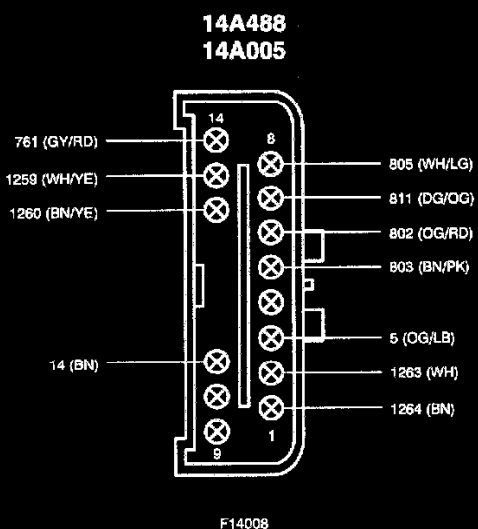
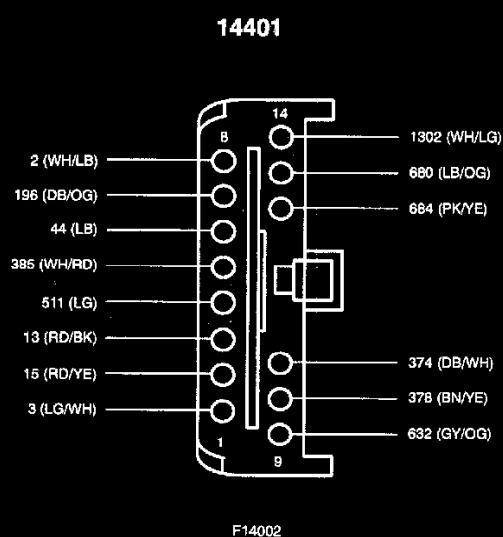
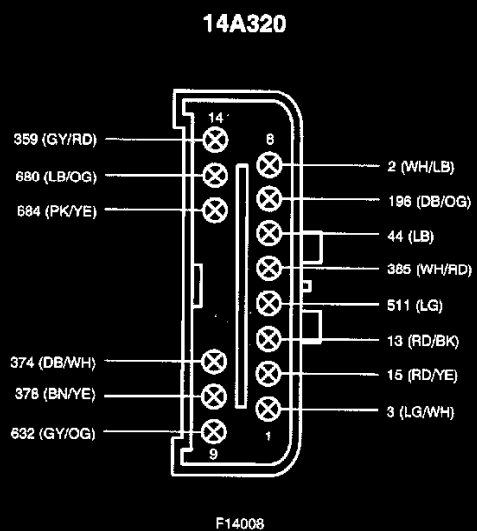
Pin	Circuit	Circuit Function
1	705 (LG/OG)	Battery saver relay, switched power
	705 (LG/OG)	Battery saver relay, switched power
2	402 (OG/LG)	Interior lamp relay, feed
3	53 (BK/LB)	Interior lamp relay, switched power, output
	53 (BK/LB)	Interior lamp relay, switched power, output
	55 (BK/PK)	Cargo lamp, output
	55 (BK/PK)	Cargo lamp, output
4	55 (BK/PK)	Cargo lamp, output
5	—	not used
6	14 (BN)	Power, Exterior lamps
	14 (BN)	Power, Exterior lamps
7	—	not used
8	235 (RD/BK)	Instrument illumination, input
9	570 (BK/WH)	Ground

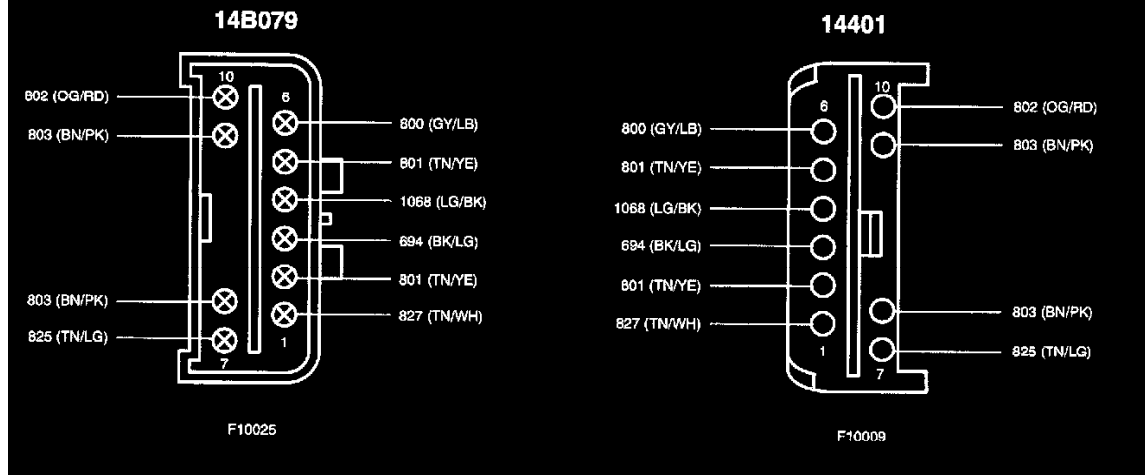
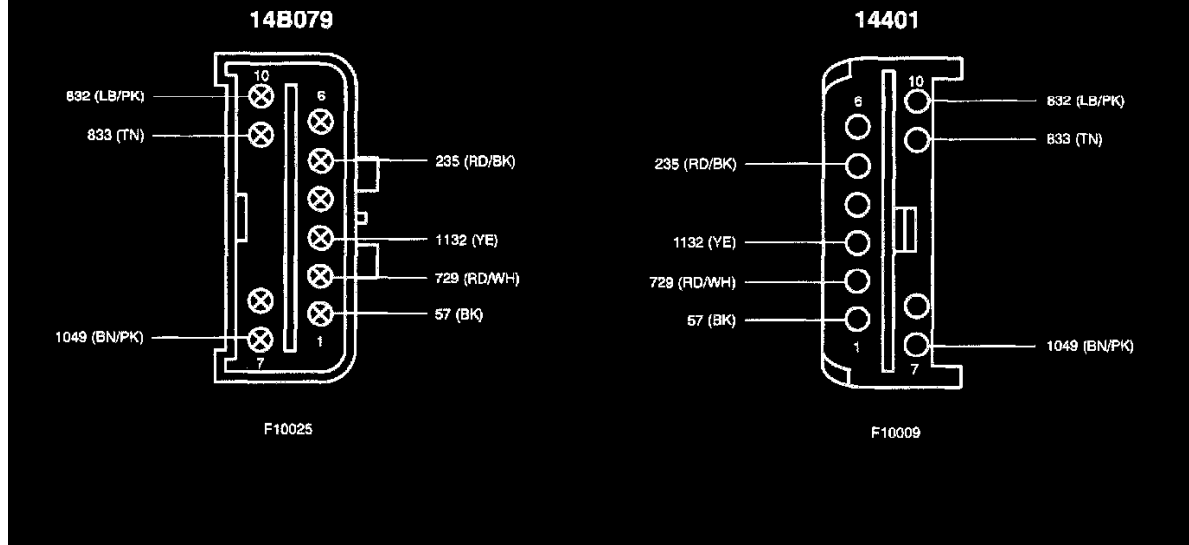
C210**14401**

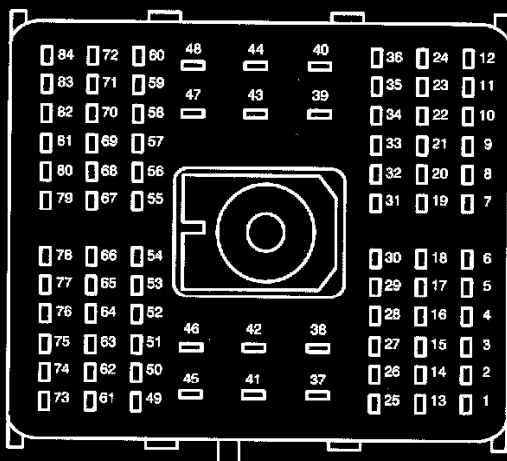
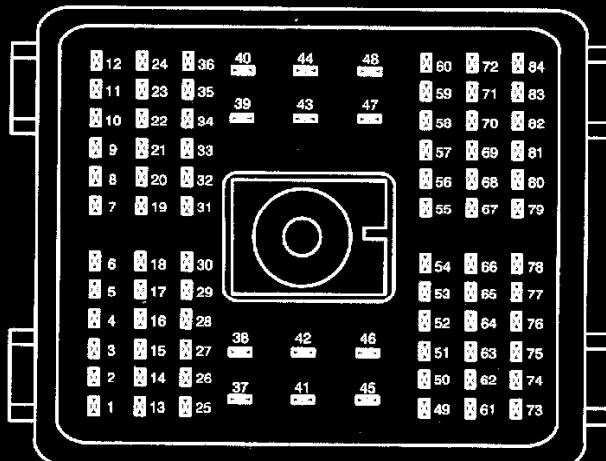
F14008

18B864

F14002

C211 (GY)**C212** (GY)

C213**C214**

C215 (GY)**14401****14A488**

F84001

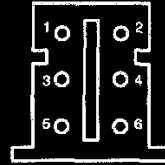
(1) 771 (VT/YE)
 (2) 762 (YE/WH)
 (3) 570 (BK/WH)
 (4) 1258 (BN/LB)
 (5) 523 (RD/PK)
 (6) 765 (YE/BK)
 (7) 53 (BK/LB)
 (8) 800 (GY/LB)
 827 (TN/WH)
 (9)
 (10)
 (11) 810 (RD/LG)
 840 (RD/YE)
 (12) 956 (OG/LG)
 (13) 770 (WH)
 (14) 763 (OG/WH)
 (15)
 (16) 1261 (WH/LG)
 (17) 519 (LG/BK)
 (18)
 (19) 813 (LB/WH)
 (20) 801 (TN/YE)
 (21) 679 (GY/BK)
 (22)

(23) 235 (RD/BK)
 (24) 85 (BN/LB)
 (25) 764 (BN/WH)
 (26) 1257 (WH/LB)
 (27)
 (28) 1262 (BN/LG)
 (29)
 (30) 57 (BK)
 (31) 804 (OG/LG)
 (32)
 (33)
 (34) 70 (LB/WH)
 (35) 129 (LG)
 (36) 195 (TN/WH)
 218 (WH/VT)
 (37) 186 (BN/LB)
 687 (GY/YE)
 (38) 777 (YE)
 (39) 517 (BK/WH)
 (40) 171 (BK/WH)
 163 (RD/OG)
 (41) 778 (OG)
 (42) 194 (PK)
 193 (YE/LG)
 (43) 400 (LB/BK)

(44) 183 (RD/OG)
 117 (PK/BK)
 (45) 787 (PK/BK)
 (46) 962 (BN/WH)
 992 (WH/BK)
 (47) 981 (TN/LB)
 (48) 903 (RD)
 (49) 29 (YE/WH)
 (50) 78 (LB/YE)
 (51) 66 (LB)
 (52) 55 (BK/PK)
 (53) 91 (VT/WH)
 (54) 6 (YE/LG)
 79 (LB/RD)
 (55) 700 (WH/VT)
 407 (TN/BK)
 (56) 988 (LB/WH)
 124 (BN)
 (57) 5 (OG/LB)
 (58) 9 (LG/OG)
 (59) 511 (LG)
 (60) 1003 (GY/YE)
 (61) 119 (PK/YE)
 (62) 359 (GY/RD)
 (63) 120 (RD/OG)
 (64)

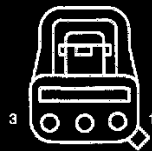
F84002

(65) 64 (DG)
 (66)
 (67) 411 (BK/LB)
 405 (VT/LB)
 (68)
 (69)
 (70) 573 (BK/OG)
 (71) 705 (LG/OG)
 (72) 233 (DB/YE)
 (73) 34 (LB/OG)
 (74) 791 (RD/PK)
 (75) 361 (BN/WH)
 (76) 182 (LG/RD)
 (77) 52 (YE)
 (78) 140 (BK/PK)
 (79) 410 (WH/OG)
 404 (VT/LG)
 (80) 1002 (BK/PK)
 (81) 14 (BN)
 (82) 587 (VT/YE)
 759 (LG/YE)
 (83) 234 (DB/WH)
 (84) 1013 (BN/LG)
 121 (YE/BK)

C218a (BN)**14401**P140
Air bag sliding con-
tact

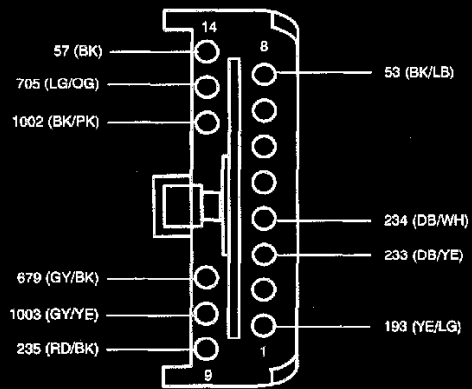
F06089

Pin	Circuit	Circuit Function
1	151 (LB/BK)	Speed control switch, input
2	6 (YE/LG)	Horn relay, switched power, out- put
	6 (YE/LG)	Horn relay, switched power, out- put
3	235 (RD/BK)	Instrument illumination, input
4	848 (DG/OG)	Speed control switch, Ground
5	570 (BK/WH)	Ground
6	158 (BK/PK)	Key warning switch, input

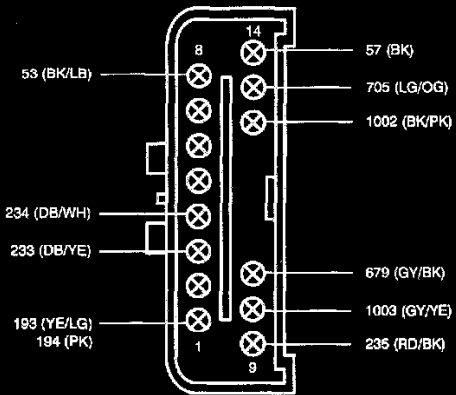
C218b (BN)**14401**P140
Air bag sliding con-
tact

F03181

Pin	Circuit	Circuit Function
1	615 (GY/WH)	Driver air bag, return
2	—	not used
3	614 (GY/OG)	Driver air bag, feed, monitor

C219**14334**

F14002

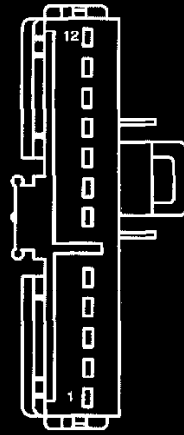
14A005**14A488**

F14008

C220a**14401**A30
Instrument cluster

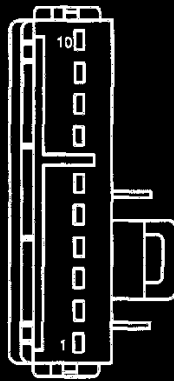
F16022

Pin	Circuit	Circuit Function
1	911 (WH/LG)	Transmission Control Indicator Lamp (TCIL)
2	784 (LB/BK)	Four-wheel drive, indicator, Low
3	783 (GY)	Four-wheel drive, indicator, High
4	203 (OG/LB)	Cruise set, indicator, control
5	484 (OG/BK)	Headlamp switch, on input
6	343 (DB/LG)	Anti-theft, indicator, input
7	57 (BK)	Instrument illumination, input
8	235 (RD/BK)	Front seats (power), input
9	—	not used
10	2 (WH/LB)	Turn lamps, feed, right front
11	627 (BK/OG)	Door ajar indicator, control
12	253 (DG/WH)	Oil pressure switch, input
13	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
14	—	not used
15	11 (TN/YE)	Tachometer
16	—	not used

C220b**14401**A30
Instrument cluster

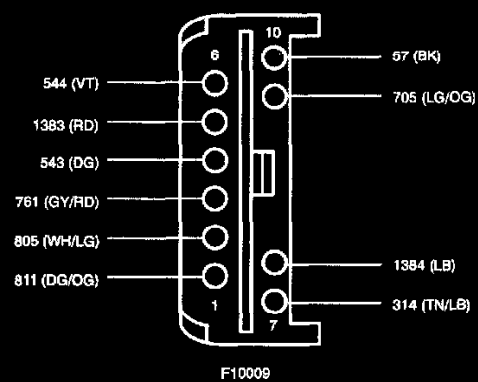
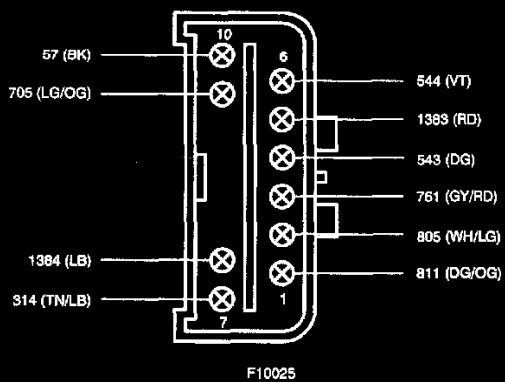
F12020

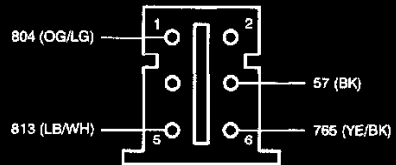
Pin	Circuit	Circuit Function
1	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
2	570 (BK/WH)	Ground
3	39 (RD/WH)	Engine Coolant Temperature (ECT) sender, input
4	235 (RD/BK)	Instrument illumination, input
5	3 (LG/WH)	Turn lamps, feed, left front
6	12 (LG/BK)	Power, Hot with High Beams on
7	57 (BK)	Ground
8	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
9	658 (PK/LG)	Malfunction Indicator Lamp (MIL), control
10	921 (GY/OG)	Inertia Fuel Shutoff (IFS) switch, Ground, input
	1017 (BK/WH)	Check cap indicator lamp
11	—	not used
12	29 (YE/WH)	Fuel pump/fuel gauge sender

C220c**14401**A30
Instrument cluster

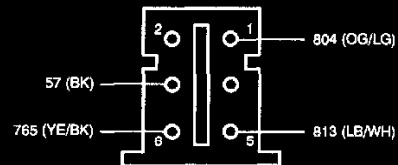
F10024

Pin	Circuit	Circuit Function
1	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
2	584 (YE)	Voltage supplied in Start and Run (overload protected)
3	904 (LG/RD)	Generator/Battery indicator, control
4	608 (BK/YE)	Air bag indicator, control
5	977 (VT/WH)	Brake indicator, control
6	603 (DG)	Anti-lock brake indicator, control
7	1001 (WH/YE)	Voltage supplied at all times (overload protected)
8	398 (BK/YE)	Ground
9	—	not used
10	871 (YE)	Safety belt indicator, control

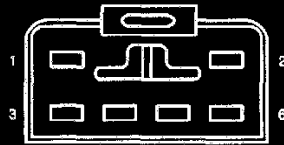


C239 (BU)**14A005**

F06089

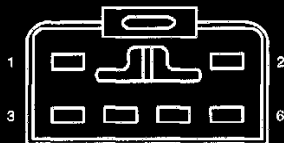
14631

F06089

C240 (GY)**14401**N114
Fog lamp switch

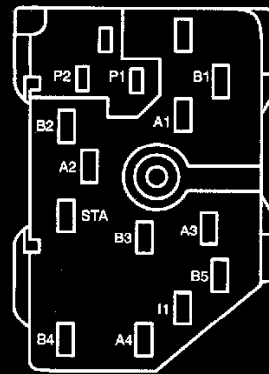
F06088

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	477 (LB/BK)	Fog lamp switch, to front fog lamp, Relay
4	57 (BK)	Ground
5	235 (RD/BK)	Instrument illumination, input
6	478 (TN/OG)	Fog lamp switch, to front fog lamp

C241**14401**N10
Rear window defrost switch

F06088

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	1010 (DB/OG)	Rear window defrost switch, input
4	57 (BK)	Ground
5	235 (RD/BK)	Instrument illumination, input
6	59 (DG/V/T)	Fused rear window defrost relay, switched power

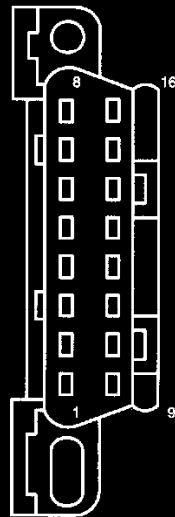
C250**14401**N278
Ignition switch

F15009

Pin	Circuit	Circuit Function
I2	—	not used
B1	37 (YE)	Voltage supplied at all times (overload protected)
A1	297 (BK/LG)	Voltage in Run or Accessory (overload protected)
P1	512 (TN/LG)	Brake indicator, control
GND	57 (BK)	Ground
P2	—	not used
B2	37 (YE)	Voltage supplied at all times (overload protected)
A2	276 (BN)	Voltage in Run (overload protected)
STA	32 (RD/LB)	Voltage supplied in Start (overload protected)
B3	—	not used
A3	—	not used
B5	37 (YE)	Voltage supplied at all times (overload protected)
I1	1050 (LG/VT)	Voltage supplied at all times (overload protected)
A4	276 (BN)	Voltage in Run (overload protected)
B4	37 (YE)	Voltage supplied at all times (overload protected)

C251**14401**

D20
Data Link Connector
(DLC)

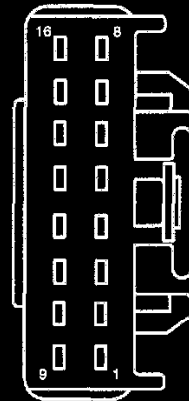


F16063

Pin	Circuit	Circuit Function
1	—	not used
2	914 (TN/OG)	SCP Bus +
3	—	not used
4	57 (BK)	Ground
5	570 (BK/WH)	Ground
6	—	not used
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	—	not used
15	—	not used
16	40 (LB/WH)	Voltage supplied at all times (overload protected)

C252 (GN)**14401**

A102
Passive anti-theft
transceiver module



F16029

Pin	Circuit	Circuit Function
1	325 (DB/OG)	Starter relay, control
2	—	not used
3	—	not used
4	—	not used
5	915 (PK/LB)	SCP Bus —
6	914 (TN/OG)	SCP Bus +
7	570 (BK/WH)	Ground
8	343 (DB/LG)	Anti-theft, indicator, input
9	—	not used
10	936 (DG/WH)	RF, Power
11	1216 (GY/OG)	RX, signal
12	—	not used
13	1215 (WH/LG)	TX, signal
14	651 (BK/YE)	Ground
15	1001 (WH/YE)	Voltage supplied at all times (overload protected)
16	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)

C254**14401**

E28
Glove box lamp



F01053

Pin	Circuit	Circuit Function
1	705 (LG/OG)	Battery saver relay, switched power

C256 (GY)**14401**

A43
Passenger air bag
module



F03035

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

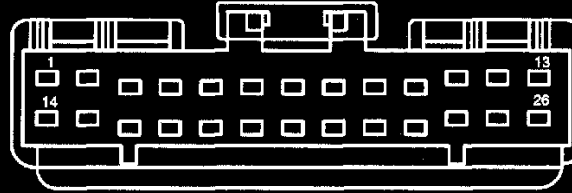
C257**14401**

NB1
Clutch pedal position
switch



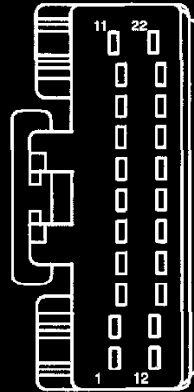
F06084

Pin	Circuit	Circuit Function
1	33 (WH/PK)	switched power, to starter solenoid
2	329 (PK)	Starter relay, control
3	810 (RD/LG)	Brake pedal position switch, input
4	306 (TN/LB)	Brake pedal position switch, return
5	359 (GY/RD)	signal, return
6	199 (LB/YE)	Digital Transmission Range (DTR) sensor, TR3A

C274a**14A005**
14A488A262
Central security
module

P26014

Pin	Circuit	Circuit Function
1	163 (RD/OG)	Driver door unlock relay, switched power
2	—	not used
3	70 (LB/WH)	ISO Bus
4	—	not used
5	78 (LB/YE)	Key pad common
6	79 (LG/RD)	Key pad common
7	—	not used
8	—	not used
9	—	not used
10	6 (YE/LG)	Horn relay, switched power, output
11	999 (LB/WH)	GEM/Central security module door ajar, signal
12	140 (BK/PK)	Voltage supplied in reverse
13	—	not used
14	—	not used
15	124 (BN)	Key pad common
16	—	not used
17	—	not used
18	—	not used
19	121 (YE/BK)	Key pad common
20	—	not used
21	—	not used
22	—	not used
23	—	not used
24	—	not used
25	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
26	810 (RD/LG)	Brake pedal position switch, input

C274b**14A005**
14A488A262
Central security
module

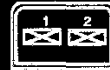
F22017

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	218 (WH/VT)	Park lamp relay, control
4	—	not used
5	—	not used
6	—	not used
7	—	not used
8	—	not used
9	120 (PK/LG)	Door unlock, switch, input
10	1013 (BN/LG)	GEM/Central security module illumination, signal
11	118 (PK/OG)	Door unlock, output
12	171 (BK/WH)	Voltage supplied at all times (overload protected)
13	651 (BK/YE)	Ground
14	—	not used
15	66 (LB)	Key pad common
16	—	not used
17	119 (PK/YE)	Door lock, switch, input
18	—	not used
19	—	not used
20	—	not used
21	—	not used
22	117 (PK/BK)	Door lock, output

C278**14401**N82
Brake pedal position
switch

F05111

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	810 (RD/LG)	Brake pedal position switch, input
3	22 (LB/BK)	Voltage supplied at all times (overload protected)
4	511 (LG)	Brake pedal position switch, to stoplamps
5	10 (LG/RD)	Voltage supplied at all times (overload protected)

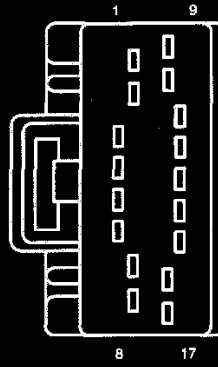
C279**14401**N405
Transmission control
switch

F02243

Pin	Circuit	Circuit Function
1	298 (VT/OG)	Voltage in Run (overload protected)
2	224 (TN/WH)	PCM, to transmission overdrive cancel switch

C281a**14401**

A255
Four-wheel drive
control module

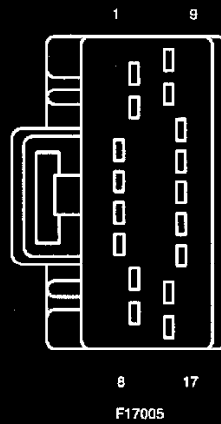


F17005

Pin	Circuit	Circuit Function
1	931 (OG)	Voltage supplied at all times (overload protected)
2	704 (DG/LG)	Voltage supplied at all times (overload protected)
3	—	not used
4	70 (LB/WH)	ISO Bus
5	465 (WH/LB)	Four-wheel drive control module, to Four-wheel drive switch
6	—	not used
7	570 (BK/WH)	Ground
	57 (BK)	Ground
8	778 (OG)	Four-wheel drive control module, to Transfer case assembly
9	1003 (GY/YE)	Voltage in Run (overload protected)
10	—	not used
11	771 (VT/YE)	Motor position 5
12	810 (RD/LG)	Brake pedal position switch, input
13	—	not used
14	—	not used
15	770 (WH)	Motor position 4
16	463 (RD/WH)	Neutral, switch sense, input
17	777 (YE)	Four-wheel drive control module, to Transfer case assembly

C281b**14401**

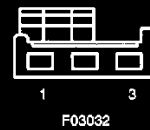
A255
Four-wheel drive
control module



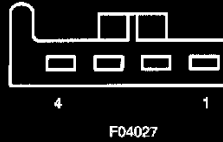
Pin	Circuit	Circuit Function
1	435 (YE/LB)	signal, return
2	57 (BK)	Ground
	570 (BK/WH)	Ground
3	—	not used
4	762 (YE/WH)	Motor position 1
5	—	not used
6	783 (GY)	Four-wheel drive, indicator, High
7	764 (BN/WH)	Motor position 3
8	—	not used
9	784 (LB/BK)	Four-wheel drive, indicator, Low
10	—	not used
11	—	not used
12	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
13	763 (OG/WH)	Motor position 2
14	—	not used
15	—	not used
16	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
17	—	not used

C282 (GY)**14401**

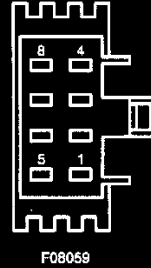
N316
Inertia Fuel Shutoff
(IFS) switch



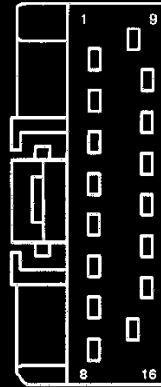
Pin	Circuit	Circuit Function
1	921 (GY/OG)	Inertia Fuel Shutoff (IFS) switch, Ground, input
2	787 (PK/BK)	Fuel pump, Power
3	236 (DG/YE)	Fuel pump relay, switched power, output

C284 (GY)**14401**N141
Four-wheel drive
switch

Pin	Circuit	Circuit Function
1	235 (RD/BK)	Instrument illumination, input
2	465 (WH/LB)	Four-wheel drive control module, to Four-wheel drive switch
3	435 (YE/LB)	signal, return
4	57 (BK)	Ground

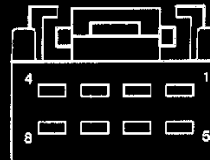
C289**14401**M256
Temperature blend
door actuator

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	437 (YE/LG)	Air temperature door variable resistor, wiper
4	436 (RD/LG)	Air temperature door variable resistor +
5	—	not used
6	438 (RD/WH)	Air temperature door variable resistor —
7	1003 (GY/YE)	Voltage in Run (overload protected)
8	57 (BK)	Ground

C290a**14401**A11
Radio

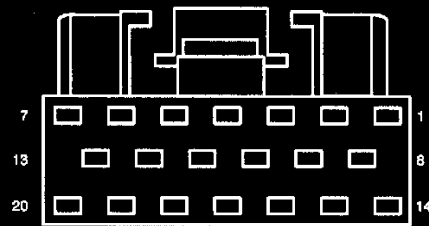
F16071

Pin	Circuit	Circuit Function
1	235 (RD/BK)	Instrument illumination, input
2	57 (BK)	Ground
3	1000 (RD/BK)	Voltage supplied in Start (overload protected)
4	—	not used
5	802 (OG/RD)	Speaker, right rear +
6	803 (BN/PK)	Speaker, right rear –
7	805 (WH/LG)	Speaker, right front +
8	811 (DG/OG)	Speaker, right front –
9	797 (LG/VT)	Voltage supplied at all times (overload protected)
10	137 (YE/BK)	Voltage in Run or Accessory (overload protected)
11	694 (BK/LG)	Ground
12	800 (GY/LB)	Speaker, left rear +
13	801 (TN/YE)	Speaker, left rear –
14	804 (OG/LG)	Speaker, left front +
15	813 (LB/WH)	Speaker, left front –
16	694 (BK/LG)	Ground

C290b**14401**A11
Radio

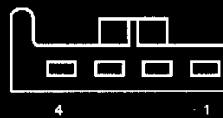
F08185

Pin	Circuit	Circuit Function
1	168 (RD/BK)	RX, signal
2	167 (BN/OG)	TX, signal
3	57 (BK)	Ground
4	173 (DG/VT)	Radio - Subwoofer, High, mute
5	—	not used
6	—	not used
7	—	not used
8	—	not used

C290c**14401**A11
Radio

F20023

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	—	not used
10	—	not used
11	—	not used
12	—	not used
13	—	not used
14	—	not used
15	—	not used
16	—	not used
17	—	not used
18	—	not used
19	—	not used
20	—	not used

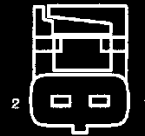
C294a (WH)**14401**P82
Function selector
switch assembly,
front

F04027

Pin	Circuit	Circuit Function
1	1003 (GY/YE)	Voltage in Run (overload protected)
2	348 (VT)	A/C demand signal
3	260 (RD/OG)	Blower motor relay, control
4	364 (BK/LG)	Voltage in Run (overload protected)

C294b**14401**

P82
Function selector
switch assembly,
front

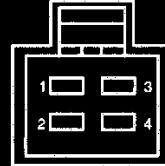


F02243

Pin	Circuit	Circuit Function
1	235 (RD/BK)	Instrument illumination, input
2	57 (BK)	Ground

C294c (GY)**14401**

P82
Function selector
switch assembly,
front

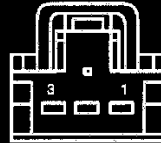


F04187

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/RD)	Blower switch speed control, to resistor

C294d**14401**

P82
Function selector
switch assembly,
front



F03165

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

C304**14A488**

B118
Side air bag sensor,
right



F02069

Pin	Circuit	Circuit Function
1	1264 (BN)	Air bag - passenger side impact - crash sensor to module - re- turn
2	1263 (WH)	Air bag - passenger side impact - crash sensor to module - feed

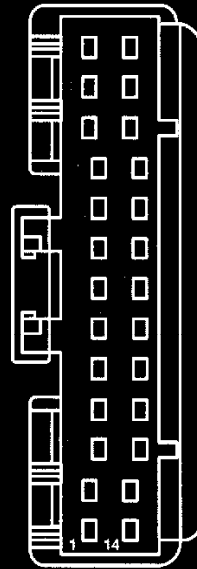
C305**14A488**

B119
Side air bag sensor,
left



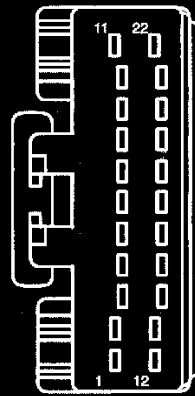
F02069

Pin	Circuit	Circuit Function
1	1262 (BN/LG)	Air bag - driver side impact - crash sensor to module - return
2	1261 (WH/LG)	Air bag - driver side impact - crash sensor to module - feed

C309a**14A005**
14A488A256
Remote Anti-theft
Personality (RAP)
module

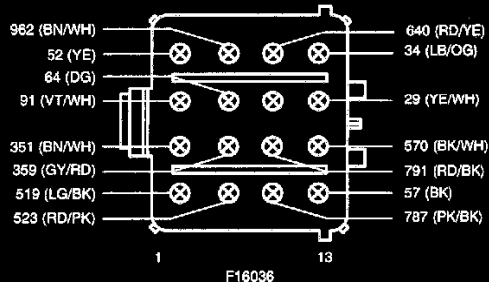
F26014

Pin	Circuit	Circuit Function
1	129 (LG)	Driver door unlock relay, output
2	—	not used
3	70 (LB/WH)	ISO Bus
4	—	not used
5	78 (LB/YE)	Key pad button 1/2, output
6	79 (LG/RD)	Key pad button 3/4, output
7	122 (YE)	Key pad button 7/8, output
8	123 (RD)	Key pad button 9/0, output
9	—	not used
10	—	not used
11	999 (LB/WH)	GEM/RAP door ajar, signal
12	140 (BK/PK)	Voltage supplied in reverse
13	—	not used
14	—	not used
15	124 (BN)	Key pad common
16	—	not used
17	—	not used
18	—	not used
19	121 (YE/BK)	Key pad button 5/6, output
20	—	not used
21	—	not used
22	—	not used
23	—	not used
24	1090 (TN/LB)	Remote keyless entry, jumper
25	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
26	810 (RD/LG)	Brake pedal position switch, input

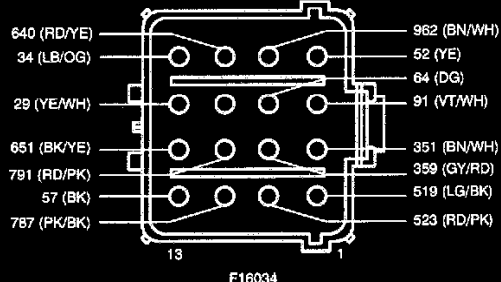
C309b**14A005**
14A488A256
Remote Anti-theft
Personality (RAP)
module

F22017

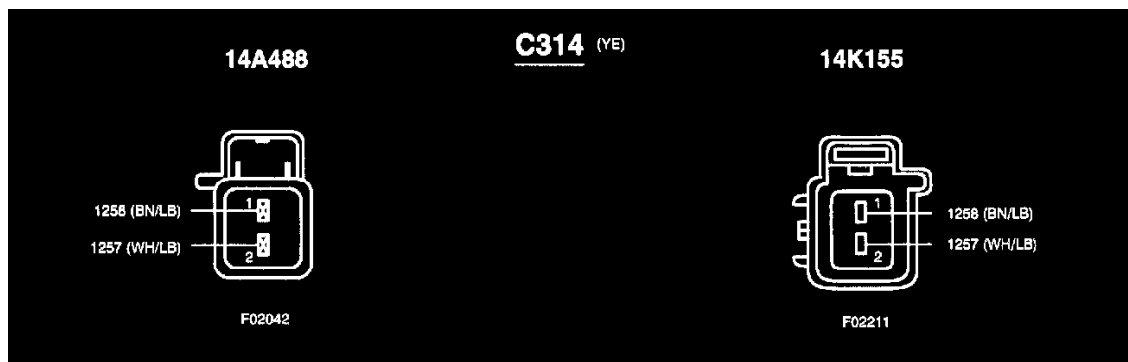
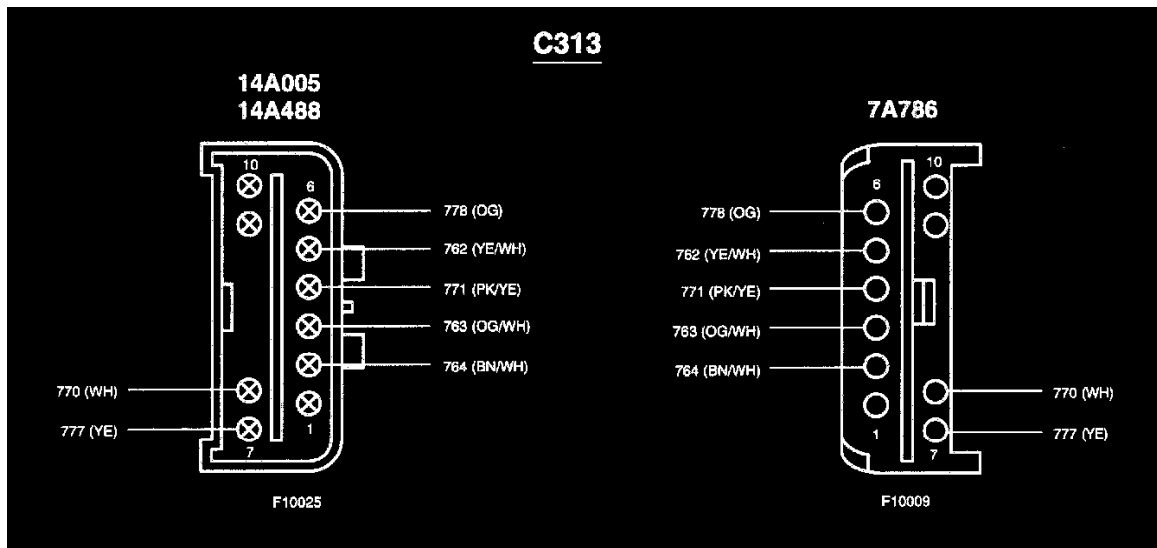
Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	—	not used
4	—	not used
5	—	not used
6	—	not used
7	—	not used
8	218 (WH/VT)	Park lamp relay, control
9	—	not used
10	1013 (BN/LG)	GEM/RAP illumination, signal
11	120 (PK/LG)	Door unlock relay, control
12	171 (BK/WH)	Voltage supplied at all times (overload protected)
13	1090 (TN/LB)	Remote keyless entry, jumper
14	570 (BK/WH)	Ground
15	66 (LB)	Key pad illumination
16	—	not used
17	—	not used
18	—	not used
19	—	not used
20	6 (YE/LG)	Horn relay, switched power, output
21	—	not used
22	119 (PK/YE)	Door lock relay, control

14405**C311** (GY)**14A488**

F16036



F16034



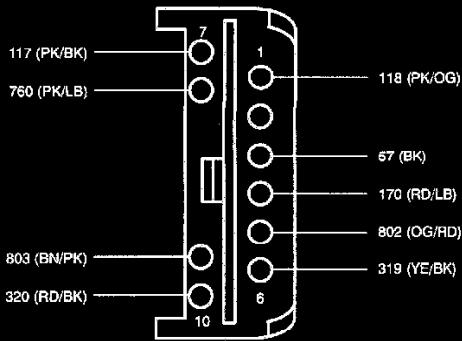
C323 (GY)**14A488**

N317
Safety belt buckle
switch

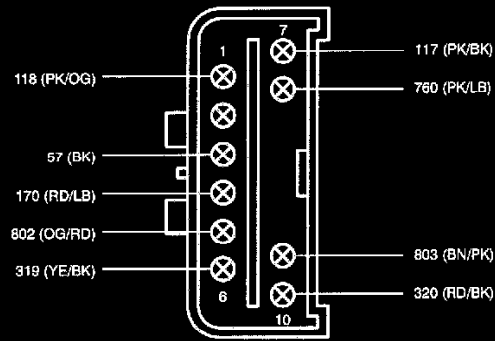


F02073

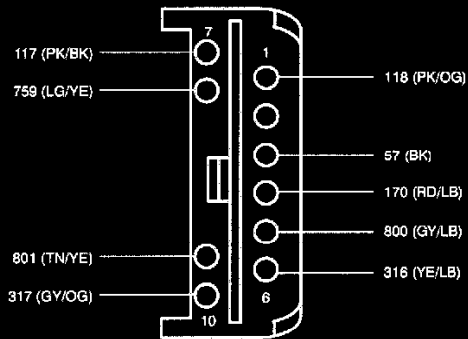
Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	85 (BN/LB)	Safety belt buckle switch, input

14632**C327****14A005**

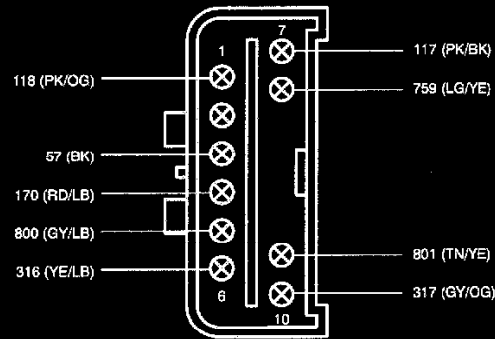
F10009



F10025

14633**C328****14A005**

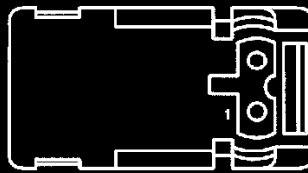
F10009



F10025

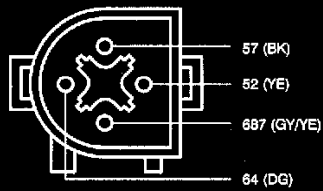
C337**14K155**

A154
Side air bag module, right

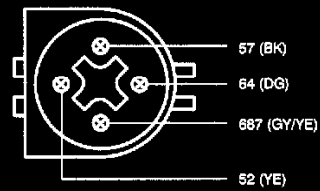


F02215

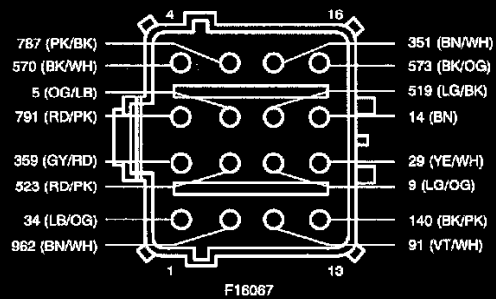
Pin	Circuit	Circuit Function
1	1260 (BN/YE)	Air bag - passenger side impact - to module - return
2	1259 (WH/YE)	Air bag - passenger side impact - to module - feed

14405**C339****14A005**

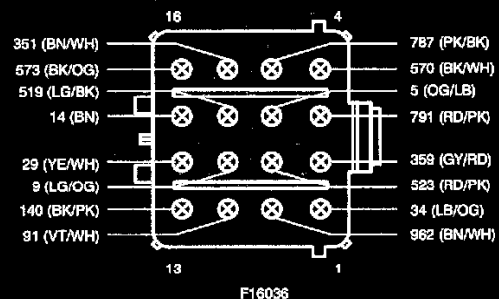
F04081



F04213

14A005**C340****14405**

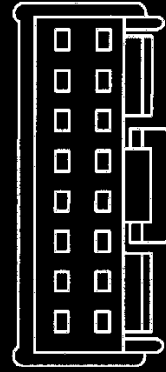
F16087



F16036

C349**14B079**

P87
Rear Integrated
Control Panel
(RICP)

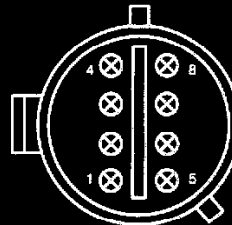


16 8
F16027

Pin	Circuit	Circuit Function
1	801 (TN/YE)	Speaker, left rear -
2	800 (GY/LB)	Speaker, left rear +
3	803 (BN/PK)	Speaker, right rear -
4	802 (OG/RD)	Speaker, right rear +
5	-	not used
6	694 (BK/LG)	Ground
7	57 (BK)	Ground
8	235 (RD/BK)	Instrument illumination, input
9	825 (TN/LG)	Speaker, right rear +
10	827 (TN/WH)	Speaker, left rear +
11	-	not used
12	832 (LB/PK)	Audio corporate protocol A
13	833 (TN)	Audio corporate protocol B
14	-	not used
15	1068 (LG/BK)	Audio System ON (ASYSON)
16	729 (RD/WH)	Voltage supplied at all times (overload protected)

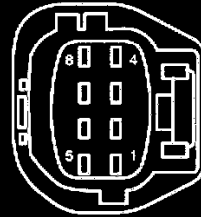
C350**7A786**

A257
Transfer case as-
sembly



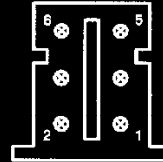
F08050

Pin	Circuit	Circuit Function
1	777 (YE)	Four-wheel drive control module, to Transfer case assembly
2	763 (OG/WH)	Motor position 2
3	764 (BN/WH)	Motor position 3
4	770 (WH)	Motor position 4
5	-	not used
6	778 (OG)	Four-wheel drive control module, to Transfer case assembly
7	762 (YE/WH)	Motor position 1
8	771 (VT/YE)	Motor position 5

C351**14683**M247
Rear window motor

F08161

Pin	Circuit	Circuit Function
1	—	not used
2	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
3	404 (VT/LG)	Window motor
4	405 (VT/LB)	Window motor
5	570 (BK/WH)	Ground
6	407 (TN/BK)	Window motor
7	193 (YE/LG)	Voltage supplied at all times (overload protected)
8	57 (BK)	Ground

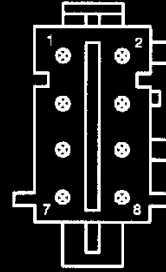
C357 (BN)**14C719**M214
Power seat motor
assembly, left

F08089

Pin	Circuit	Circuit Function
1	980 (YE/WH)	Fwd/Rwd motor, rearward
2	978 (YE/LB)	Front height motor, Up
3	983 (RD/LG)	Rear height motor, Up
4	979 (RD/LB)	Front height motor, Up
5	982 (YE/LG)	Rear height motor, Down
6	981 (RD/WH)	Fwd/Rwd motor, Forward

C360 (GN)**14C719**

N216
Seat adjust switch,
driver side front

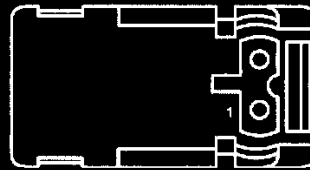


F08165

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	983 (RD/LG)	Rear height motor, Up
3	982 (YE/LG)	Rear height motor, Down
4	979 (RD/LB)	Front height motor, Up
5	171 (BK/WH)	Voltage supplied at all times (overload protected)
6	980 (YE/WH)	Fwd/Rwd motor, rearward
7	978 (YE/LB)	Front height motor, Up
8	981 (RD/WH)	Fwd/Rwd motor, Forward

C367**14K155**

A155
Side air bag mod-
ule, left

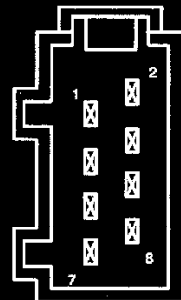


F02215

Pin	Circuit	Circuit Function
1	1258 (BN/LB)	Air bag - driver side impact - to module - return
2	1257 (WH/LB)	Air bag - driver side impact - to module - feed

C369**14C719**

N216
Seat adjust switch,
driver side front

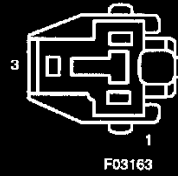


F08161

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	979 (RD/LB)	Front height motor, Up
3	983 (RD/LG)	Rear height motor, Up
4	980 (YE/WH)	Fwd/Rwd motor, rearward
5	982 (YE/LG)	Rear height motor, Down
6	978 (YE/LB)	Front height motor, Up
7	517 (BK/WH)	Voltage supplied at all times (overload protected)
8	981 (RD/WH)	Fwd/Rwd motor, Forward

C380**14B079**

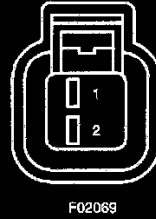
O40
Power point, con-
sole



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

C395**14A488**

Y17
Speaker, left rear



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

C396**14A488**

Y19
Speaker, right rear



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

C402a**18C673**

R19
Rear window defrost
grid



Pin	Circuit	Circuit Function
1	185 (BK)	Voltage supplied at all times (overload protected)

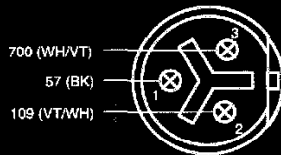
C402b**18C620**

R19
Rear window defrost
grid

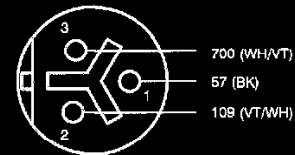


F01029

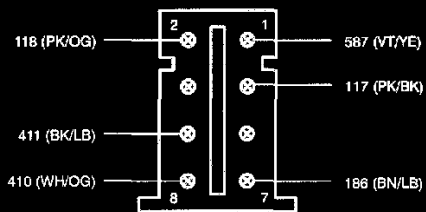
Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C406 (GY)**14A583**

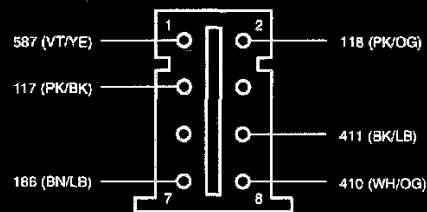
F03183

13B472

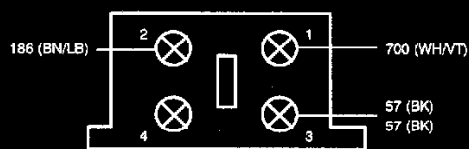
F03078

C408 (GY)**14A583**

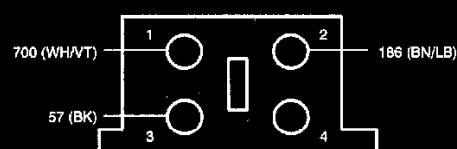
F08058

13B472

F08058

C410 (BK)**18C673**

F04059

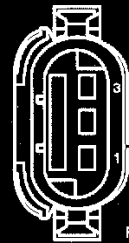
14A583

F04058

C412**13A409**
14A488E222
Park/turn lamp, left
rear

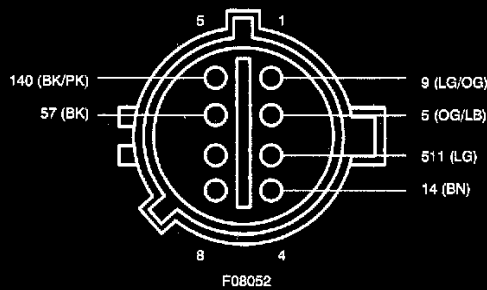
F03099

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

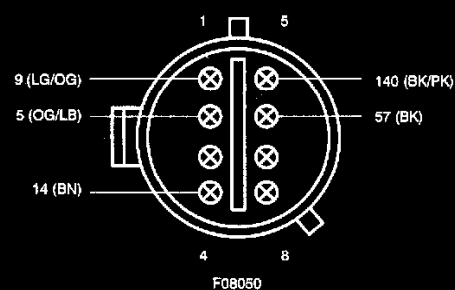
C415**13A409**
14A488E223
Park/turn lamp, right
rear

F03099

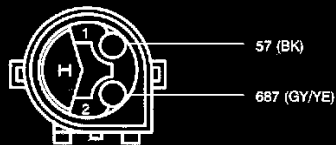
Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps
3	5 (OG/LB)	Turn lamps, feed, right rear

C421 (BK)**14405**

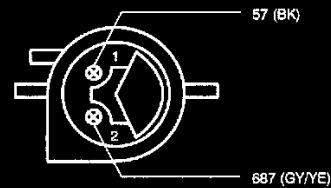
F08052

13A409

F08050

C422**14405**

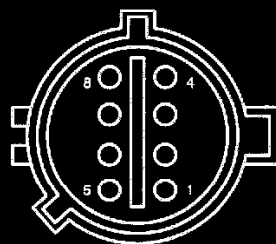
F02004

14A435

F02046

C433 (BK)**14405**

A31
Fuel tank unit

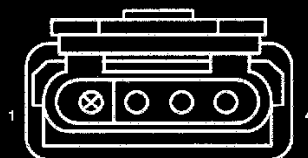


F08052

Pin	Circuit	Circuit Function
1	351 (BN/WH)	Reference, voltage
2	791 (RD/PK)	Fuel tank pressure transducer sensor
3	359 (GY/RD)	signal, return
4	—	not used
5	570 (BK/WH)	Ground
6	787 (PK/BK)	Fuel pump, Power
7	57 (BK)	Ground
8	29 (YE/WH)	Fuel pump/fuel gauge sender

C439**14405**

E201
Trailer tow connector



F04211

Pin	Circuit	Circuit Function
1	206 (WH)	Trailer tow connector, Ground
2	962 (BN/WH)	Trailer tow relay, switched output
3	52 (YE)	Turn lamps, feed, left rear
4	64 (DG)	Turn lamps, feed, right rear

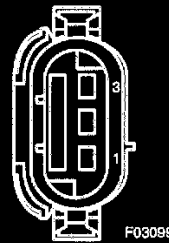
C450**14405**

Y131
Evaporative emission (EVAP) canister vent valve

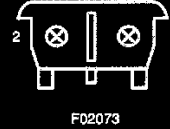


F02101

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	91 (VT/WH)	Canister vent

C451 (GY)**13A409**
14A488E105
Reversing lamp, left

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

C452 (GY)**14A583**E34
License plate lamp,
left

Pin	Circuit	Circuit Function
1	109 (VT/WH)	Voltage supplied at all times (overload protected)
	109 (VT/WH)	Voltage supplied at all times (overload protected)
2	57 (BK)	Ground

C454**14405**E34
License plate lamp,
left

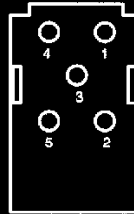
Pin	Circuit	Circuit Function
1	14 (BN)	Power, Exterior lamps
2	57 (BK)	Ground

C455**14405**B25
Rear axle speed
sensor

Pin	Circuit	Circuit Function
1	523 (RD/PK)	Wheel speed sensor, right rear +
2	519 (LG/BK)	Wheel speed sensor, left rear -

C456 (GY)**14A488**

N255
Liftgate door lock
switch

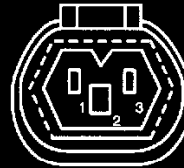


F05063

Pin	Circuit	Circuit Function
1	—	not used
	1384 (LB)	Door unlock, output
2	120 (PK/LG)	Door unlock relay, control
	118 (PK/OG)	Door unlock, output
3	57 (BK)	Ground
	171 (BK/WH)	Voltage supplied at all times (overload protected)
4	119 (PK/YE)	Door lock relay, control
	117 (PK/BK)	Door lock, output
5	—	not used
	1383 (RD)	Door lock, output

C457 (GY)**14A583**

M245
Liftgate lock actua-
tor

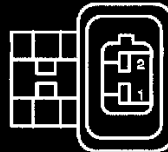


F02227

Pin	Circuit	Circuit Function
1	118 (PK/OG)	Door unlock, output
2	—	not used
3	117 (PK/BK)	Door lock, output

C458**14A583**

N402
Liftgate ajar switch,
left

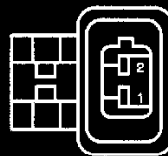


F02117

Pin	Circuit	Circuit Function
1	57 (BK)	Ground, Early production
	700 (WH/VT)	Liftgate ajar switch, Late production
2	57 (BK)	Ground, Late production
	700 (WH/VT)	Liftgate ajar switch, Early production

C459**14A583**

N403
Liftgate ajar switch,
right



F02117

Pin	Circuit	Circuit Function
1	57 (BK)	Ground, Early production
	700 (WH/VT)	Liftgate ajar switch, Late production
2	57 (BK)	Ground, Late production
	700 (WH/VT)	Liftgate ajar switch, Early production

C461 (GY)**13A409
14A488**

E109
Reversing lamp,
right



F03099

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

C462 (GY)**14A583**

E35
License plate lamp,
right



F02073

Pin	Circuit	Circuit Function
1	109 (VT/WH)	Voltage supplied at all times (overload protected)
2	57 (BK)	Ground

C464**14405**

E35
License plate lamp,
right

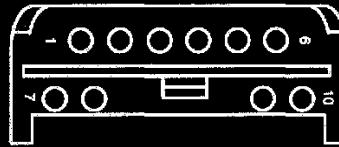


F02063

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

C466**18B864**

A14
Subwoofer
amplifier

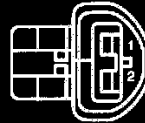


F10009

Pin	Circuit	Circuit Function
1	173 (DG/VT)	Radio - Subwoofer, High, mute
2	694 (BK/LG)	Ground
3	-	not used
4	-	not used
5	-	not used
6	797 (LG/VT)	Voltage supplied at all times (overload protected)
	828 (VT/LB)	switched power, to, Subwoofer amplifier
7	167 (BN/OG)	TX signal
8	168 (RD/BK)	RX signal
9	-	not used
10	-	not used

C467**18C673**

N62
Rear window wiper
disable switch



F02115

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	700 (WH/VT)	Liftgate ajar switch

C474**14A435**

O21
Power point, rear

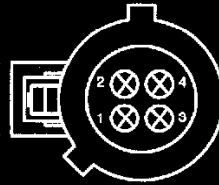


F02247

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	687 (GY/YE)	Voltage supplied at all times (overload protected)

C476 (GY)**14A583**

M218
Rear wiper motor
assembly

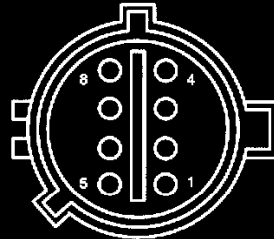


F04177

Pin	Circuit	Circuit Function
1	410 (WH/OG)	Rear window wiper raise relay, switched output
2	411 (BK/LB)	Rear window wiper lower relay, switched output
3	587 (VT/YE)	Liftgate wiper motor, input
4	57 (BK)	Ground

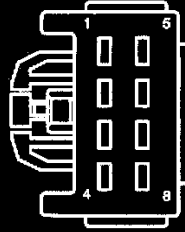
C500 (GN)**14631**

A244
Key pad switch as-
sembly



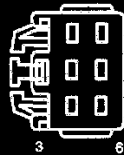
F08052

Pin	Circuit	Circuit Function
1	123 (RD)	Key pad button 9/0, output
2	57 (BK)	Ground
3	78 (LB/YE)	Key pad button 1/2, output
4	79 (LG/RD)	Key pad button 3/4, output
5	121 (YE/BK)	Key pad button 5/6, output
6	122 (YE)	Key pad button 7/8, output
7	66 (LB)	Key pad illumination
8	124 (BN)	Key pad common

C504a (BU)**14631**N447
Master window ad-
just switch

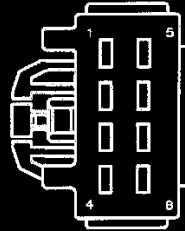
F08167

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

C504b**14631**N447
Master window ad-
just switch

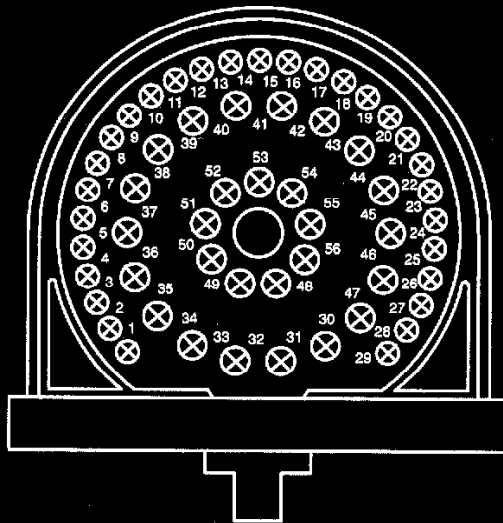
F06213

Pin	Circuit	Circuit Function
1	170 (RD/LB)	Window lockout, switched power, output
2	57 (BK)	Ground
3	319 (YE/BK)	Window switch, feed, right rear, Up
4	400 (LB/BK)	Window safety relay, switched power, output
5	317 (GY/OG)	Window switch, feed, left rear, Down
6	316 (YE/LB)	Window switch, feed, left rear, Up

C505 (GN)**14631**N204
Door lock switch,
driver side

F08165

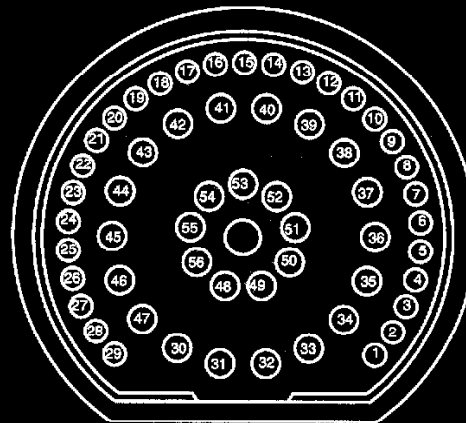
Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	57 (BK)	Ground
3	120 (PK/LG)	Door unlock relay, control
4	57 (BK)	Ground
	171 (BK/WH)	Voltage supplied at all times (overload protected)
5	705 (LG/OG)	Battery saver relay, switched power
6	—	not used
7	119 (PK/YE)	Door lock relay, control
8	57 (BK)	Ground

C510**14631**

F57001

- (1) 804 (OG/LG)
- 867 (DB)
- (2) 120 (PK/LG)
- 813 (LB/WH)
- (3) 119 (PK/YE)
- 705 (LG/OG)
- (4) 945 (YE/BK)
- (5) 543 (DG)
- (6) 544 (VT)
- (7) 765 (YE/BK)
- 956 (OG/LG)
- (8) 66 (LB)
- (9) 78 (LB/YE)
- (10) 79 (LG/RD)
- (11) 121 (YE/BK)
- (12) 122 (YE)
- (13) 123 (RD)

- (14) 124 (BN)
- (15) 705 (LG/OG)
- 956 (OG/LG)
- (16)
- (17) 119 (PK/YE)
- 765 (YE/BK)
- (18) 120 (PK/LG)
- 867 (DB)
- (19) 55 (BK/PK)
- (20) 813 (LB/WH)
- (21) 804 (OG/LG)
- (22)
- (23) 124 (BN)
- (24) 123 (BU)
- (25) 122 (YE)
- (26) 121 (YE/BK)

**14A005
14A488**

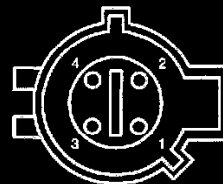
F57003

- (27) 79 (LG/RD)
- (28) 78 (LB/YE)
- (29) 66 (LB)
- (30) 313 (WH/YE)
- 991 (TN/LB)
- (31) 903 (RD)
- 991 (TN/LB)
- (32) 170 (RD/LB)
- 903 (RD)
- (33) 120 (PK/LG)
- 992 (WH/BK)
- (34) 118 (PK/OG)
- 163 (RD/OG)
- (35) 117 (PK/BK)
- 316 (YE/LB)
- (36) 317 (GY/OG)
- 400 (LB/BK)

- (37) 117 (PK/BK)
- 119 (PK/YE)
- (38) 400 (LB/BK)
- (39) 120 (PK/LG)
- (40) 119 (PK/YE)
- (41) 171 (BK/WH)
- (42) 319 (YE/BK)
- (43) 320 (RD/BK)
- (44) 314 (TN/LB)
- (45) 57 (BK)
- 313 (WH/YE)
- (46) 171 (BK/WH)
- (47) 57 (BK)
- 314 (TN/LB)

C520**14631**

M220
Exterior rear view
mirror, driver side

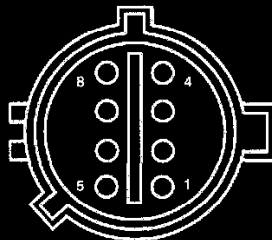


F04075

Pin	Circuit	Circuit Function
1	945 (YE/BK)	Mirror motor, feed
2	541 (DB/YE)	Up/Down mirror movement
3	—	not used
4	540 (RD)	Right/Left mirror movement

C521**14631**

M220
Exterior rear view
mirror, driver side



F08052

Pin	Circuit	Circuit Function
1	541 (DB)	Up/Down mirror movement
2	540 (RD)	Right/Left mirror movement
3	—	not used
4	—	not used
5	945 (YE/BK)	Mirror motor, feed
6	57 (BK)	Ground
7	55 (BK/PK)	Cargo lamp, output
8	—	not used

C523**14631**

Y28
Speaker, left front



F02069

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

C524 (GY)**14631**

M80
Power window mo-
tor, driver side front

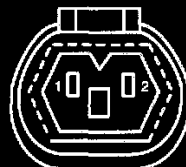


F02073

Pin	Circuit	Circuit Function
1	992 (WH/BK)	Master window adjust switch, feed, Up
2	903 (RD)	Window motor, feed, Down

C525 (GY)**14631**

M225
Door lock actuator,
driver side



F02227

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

C526a**14631**

N239
Door ajar switch,
driver side front



F01065

Pin	Circuit	Circuit Function
1	765 (YE/BK)	Door ajar switch, left front

C526b**14631**

N239
Door ajar switch,
driver side front

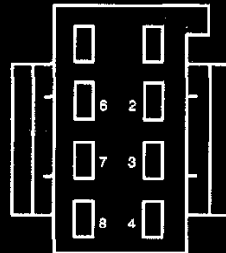


F01067

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C527**14631**

N409
Exterior rear view
mirror switch

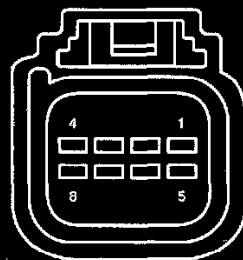


F08056

Pin	Circuit	Circuit Function
1	956 (OG/LG)	Voltage supplied at all times (overload protected)
2	—	not used
3	543 (DG)	Voltage supplied at all times (overload protected)
4	540 (RD)	Right/Left mirror movement
5	57 (BK)	Ground
6	945 (YE/BK)	Mirror motor, feed
	945 (YE/BK)	Mirror motor, feed
7	541 (DB)	Up/Down mirror movement
8	544 (VT)	Up/Down mirror movement

C530**14631**

A244
Key pad switch as-
sembly

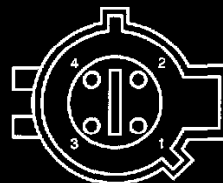


F08203

Pin	Circuit	Circuit Function
1	78 (LB/YE)	Key pad common
2	66 (LB)	Key pad common
3	79 (LG/RD)	Key pad common
4	—	not used
5	57 (BK)	Ground
6	124 (BN)	Key pad common
7	121 (YE/BK)	Key pad common
8	—	not used

C601**14630**

M221
Exterior rear view
mirror, passenger
side



F04075

Pin	Circuit	Circuit Function
1	945 (YE/BK)	Mirror motor, feed
2	544 (VT)	Up/Down mirror movement
3	—	not used
4	543 (DG)	Voltage supplied at all times (overload protected)

C602a**14630**

N240
Door ajar switch,
passenger side front



F01065

Pin	Circuit	Circuit Function
1	761 (GY/RD)	Door ajar switch, right front

C602b**14630**

N240
Door ajar switch,
passenger side front

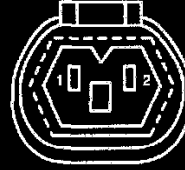


F01067

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C603 (GY)**14630**

M226
Door lock actuator,
passenger side

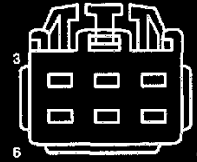


F02227

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

C604 (GY)**14630**

N105
Window adjust
switch, passenger
side

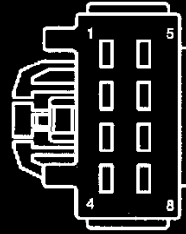


F06213

Pin	Circuit	Circuit Function
1	314 (TN/LB)	Window switch, feed, right front, Down
2	334 (RD/YE)	Window motor, feed, Down
3	400 (LB/BK)	Window safety relay, switched power, output
	170 (RD/LB)	Window lockout, switched power, output
4	—	not used
5	333 (YE/RD)	Window motor, feed, Up
6	313 (WH/YE)	Window switch, feed, right front, Up

C605 (GN)**14630**

N205
Door lock switch,
passenger side



F08165

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	120 (PK/LG)	Door unlock relay, control
3	120 (PK/LG)	Door unlock relay, control
	1384 (LB)	Door unlock, output
	118 (PK/OG)	Door unlock, output
4	57 (BK)	Ground
	171 (BK/WH)	Voltage supplied at all times (overload protected)
5	705 (LG/OG)	Battery saver relay, switched power
6	—	not used
7	119 (PK/YE)	Door lock relay, control
	1383 (RD)	Door lock, output
	117 (PK/BK)	Door lock, output
8	119 (PK/YE)	Door lock relay, control

C608 (GY)**14630**

M79
Power window mo-
tor, passenger side
front



F02073

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

C612**14630**

Y18
Speaker, right front

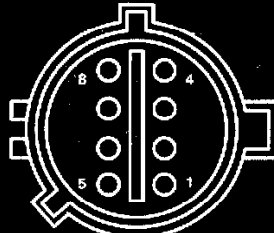


F02069

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

C615**14630**

M221
Exterior rear view
mirror, passenger
side



F08052

Pin	Circuit	Circuit Function
1	544 (VT)	Up/Down mirror movement
2	543 (DG)	Voltage supplied at all times (overload protected)
3	—	not used
4	—	not used
5	945 (YE/BK)	Mirror motor, feed
6	57 (BK)	Ground
7	55 (BK/PK)	Cargo lamp, output
8	—	not used

C701**14633**

N111
Window adjust
switch, left rear

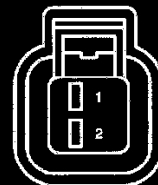


F06213

Pin	Circuit	Circuit Function
1	316 (YE/LB)	Window switch, feed, left rear, Up
2	885 (YE/LB)	Window switch to, Window motor, left rear
3	170 (RD/LB)	Window lockout, switched power, output
4	—	not used
5	884 (YE/BK)	Window switch to, Window motor, left rear
6	317 (GY/OG)	Window switch, feed, left rear, Down

C702**14633**

Y17
Speaker, left rear

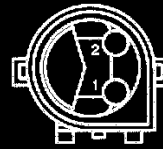


F02069

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

C703**14633**

M116
Power window mo-
tor, left rear

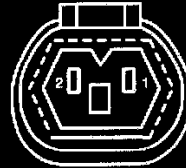


F02004

Pin	Circuit	Circuit Function
1	885 (YE/LB)	Window switch to, Window mo- tor, left rear
2	884 (YE/BK)	Window switch to, Window mo- tor, left rear

C704**14633**

M64
Door lock actuator,
left rear



F02227

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

C715a**14633**

N237
Door ajar switch,
driver side rear



F01065

Pin	Circuit	Circuit Function
1	759 (LG/YE)	Door ajar switch, left rear

C715b**14633**

N237
Door ajar switch,
driver side rear



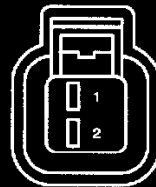
F01067

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C801**14632**N110
Window adjust
switch, right rear

F06213

Pin	Circuit	Circuit Function
1	320 (RD/BK)	Window switch, feed, right rear, Down
2	882 (BN/YE)	Window switch to, Window motor, right rear
3	170 (RD/LB)	Window lockout, switched power, output
4	—	not used
5	881 (BN)	Window switch to, Window motor, right rear
6	319 (YE/BK)	Window switch, feed, right rear, Up

C802**14632**Y19
Speaker, right rear

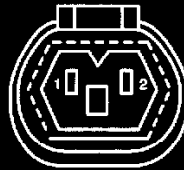
F02069

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

C803**14632**M117
Power window motor, right rear

F02004

Pin	Circuit	Circuit Function
1	882 (BN/YE)	Window switch to, Window motor, right rear
2	881 (BN)	Window switch to, Window motor, right rear

C804**14632**M85
Door lock actuator, right rear

F02227

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

C820a**14632**

N238
Door ajar switch,
passenger side rear



F01065

Pin	Circuit	Circuit Function
1	760 (PK/LB)	Door ajar switch, right rear

C820b**14632**

N238
Door ajar switch,
passenger side rear

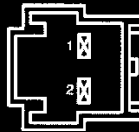


F01067

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C904**13B472**

E174
High mounted stop-
lamp

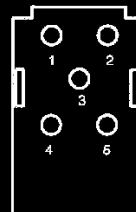


F02077

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	569 (DG)	Brake pedal position switch, to stoplamps

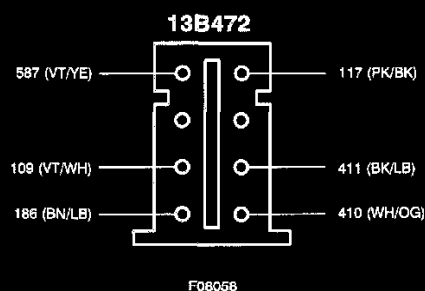
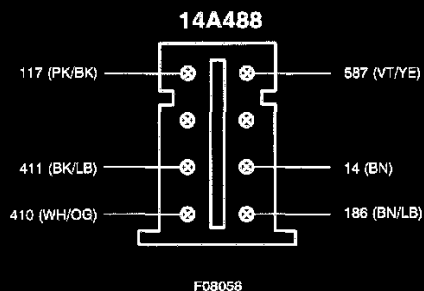
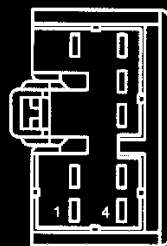
C912 (GY)**14334**

N411
Roof opening panel
switch



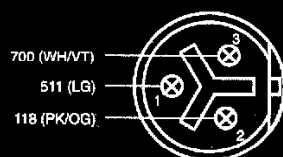
F05063

Pin	Circuit	Circuit Function
1	692 (RD)	Window motor, feed, closed
2	—	not used
3	57 (BK)	Ground
4	—	not used
5	691 (DB)	Window motor, feed, Open

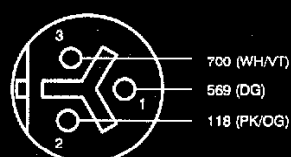
C919 (GY)**C921** (GY)**14334**A214
Roof opening panel
module

F08089

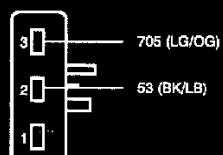
Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	—	not used
4	57 (BK)	Ground
5	193 (YE/LG)	Voltage supplied at all times (overload protected)
6	691 (DB)	Window motor, feed, Open
7	692 (RD)	Window motor, feed, closed
8	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)

C922 (GY)**14A488**

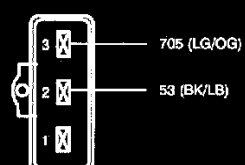
F03183

13B472

F03078

C925**14335**

F03105.1

14A488

F03171

C927**14A005**

E237
Cargo lamp assembly

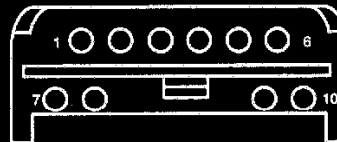


F03197

Pin	Circuit	Circuit Function
1	55 (BK/PK)	Cargo lamp, output
2	511 (LG)	Brake pedal position switch, to stoplamps
3	57 (BK)	Ground

C930**14334**

A143
Overhead console



F10009

Pin	Circuit	Circuit Function
1	—	not used
2	57 (BK)	Ground
3	1003 (GY/YE)	Voltage in Run (overload protected)
4	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
5	705 (LG/OG)	Battery saver relay, switched power
6	53 (BK/LB)	Interior lamp relay, switched power, output
7	—	not used
8	235 (RD/BK)	Instrument illumination, input
9	233 (DB/YE)	Ambient air temperature sensor, feed
10	234 (DB/WH)	Ambient air temperature sensor, return

C931a**14334**

E238
Interior/map lamps assembly, front



F01017

Pin	Circuit	Circuit Function
1	53 (BK/LB)	Interior lamp relay, switched power, output

C931b (GY)**14334**E238
Interior/map lamps
assembly, front

F01017

Pin	Circuit	Circuit Function
1	705 (LG/OG)	Battery saver relay, switched power

C932a**14335**E239
Interior/map lamps
assembly, rear

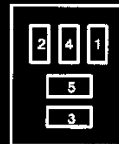
F01017

Pin	Circuit	Circuit Function
1	53 (BK/LB)	Interior lamp relay, switched power, output

C932b (GY)**14335**E239
Interior/map lamps
assembly, rear

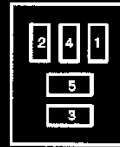
F01017

Pin	Circuit	Circuit Function
1	705 (LG/OG)	Battery saver relay, switched power

C1001**14290****14398**K316
Wiper high/low relay

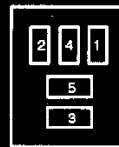
F05064

Pin	Circuit	Circuit Function
1	647 (GY/LB)	Wiper high/low relay, control
2	63 (RD)	Voltage in Run or Accessory (overload protected)
3	28 (BK/PK)	Wiper run/park relay, switched power
4	58 (WH)	Wiper high/low relay, switched power, output, Low
5	56 (DB/OG)	Wiper high/low relay, switched power, output, High

C1002**14290**
14398K140
Wiper run/park relay

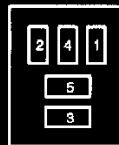
F05064

Pin	Circuit	Circuit Function
1	646 (YE/WH)	Wiper run/park relay, control
2	63 (RD)	Voltage in Run or Accessory (overload protected)
3	28 (PK/BK)	Wiper run/park relay, switched power
4	671 (LB)	Wiper run/park relay, switched output
5	63 (RD)	Voltage in Run or Accessory (overload protected)

C1004**14290**
14398K317
Windshield washer relay

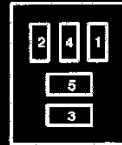
F05064

Pin	Circuit	Circuit Function
1	686 (TN/RD)	Washer motor relay, control
2	950 (WH/BK)	Voltage in Run or Accessory (overload protected)
3	941 (BK/WH)	Windshield washer pump motor, feed
4	57 (BK)	Ground
	57 (BK)	Ground
5	950 (WH/BK)	Voltage in Run or Accessory (overload protected)

C1006**14290**
14398K33
Horn relay

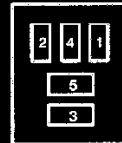
F05064

Pin	Circuit	Circuit Function
1	6 (YE/LG)	Horn relay, switched power, output
2	460 (YE/LB)	Voltage supplied at all times (overload protected)
3	460 (YE/LB)	Voltage supplied at all times (overload protected)
4	—	not used
5	1 (DB)	Horn relay, control

C1007**14398**K26
Fog lamp relay

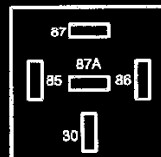
F05064

Pin	Circuit	Circuit Function
1	477 (LB/BK)	Fog lamp switch, to front fog lamp, Relay
2	474 (LG/OG)	Fog lamp relay, control
3	1347 (DB/WH)	Voltage supplied at all times (overload protected)
4	—	not used
5	478 (TN/OG)	Fog lamp switch, to front fog lamp

C1008**14290****14398**K107
A/C clutch relay

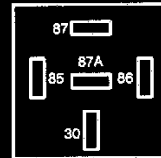
F05064

Pin	Circuit	Circuit Function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	331 (PK/YE)	A/C clutch relay, control
3	883 (PK/LB)	Voltage supplied at all times (overload protected)
4	—	not used
5	321 (GY/WH)	A/C clutch relay, switched output

C1011**14290****14398**K73
Blower motor relay

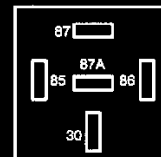
F05051

Pin	Circuit	Circuit Function
87	181 (BN/OG)	Voltage supplied at all times (overload protected)
87A	—	not used
86	260 (RD/OG)	Blower motor relay, control
85	57 (BK)	Ground
30	371 (PK/WH)	Blower motor relay, switched output

C1016**14290**
14398K163
PCM power relay

F05051

Pin	Circuit	Circuit Function
87	361 (RD)	Voltage supplied in Start and Run (overload protected)
87A	—	not used
86	570 (BK/WH)	Ground
85	546 (DG/YE)	Voltage supplied in Start and Run (overload protected)
30	554 (YE/BK)	Voltage supplied at all times (overload protected)

C1017**14290**
14398K22
Starter relay

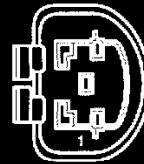
F05051

Pin	Circuit	Circuit Function
87	113 (YE/LB)	Starter motor to Starter relay
87A	—	not used
86	325 (DB/OG)	Starter relay, control
85	1093 (TN/RD)	Power, Hot in Start with Park or Neutral
30	37 (YE)	Voltage supplied at all times (overload protected)

C1018**14290**
14398V34
PCM Module power diode

F02009

Pin	Circuit	Circuit Function
1	546 (DG/YE)	Voltage supplied in Start and Run (overload protected)
2	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)
	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)

C1021**14290**
14398E1
Headlamp, left

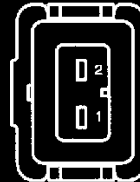
F03169

Pin	Circuit	Circuit Function
1	12 (LG/BK)	Power, Hot with High Beams on
2	57 (BK)	Ground
3	1055 (WH/LG)	Headlamp, left - fused feed

C1023**14290**
14398E164
Park/turn lamp, left
front

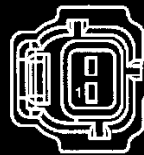
F03099

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps
3	3 (LG/WH)	Turn lamps, feed, left front

C1025**14290**
14398N423
Deactivator switch

F02089

Pin	Circuit	Circuit Function
1	307 (BK/YE)	Brake pressure switch, input
2	10 (LG/RD)	Voltage supplied at all times (overload protected)

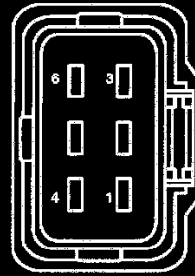
C1029**14290**
14398Y134
EVAP canister
purge valve

F02105

Pin	Circuit	Circuit Function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	191 (LG/BK)	Powertrain Control Module (PCM), EVAP canister purge valve

C1030 (GY)**14398**

A253
Daytime Running
Lamps (DRL) mod-
ule

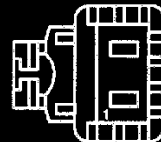


F08110

Pin	Circuit	Circuit Function
1	13 (RD/BK)	Power, Hot with Low Beams on
2	932 (GY/WH)	Voltage supplied at all times (overload protected)
3	298 (VT/OG)	Voltage in Run (overload protected)
4	57 (BK)	Ground
5	12 (LG/BK)	Power, Hot with High Beams on
6	—	not used

C1031**14398**

M3
Heater blower motor

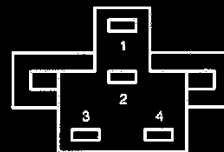


F02169

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

C1032**14290****14398**

R77
Heater blower motor
resistor, front



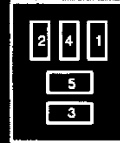
F04674

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	515 (OG/RD)	Resistor, Blower motor, High

C1035**14A280**P93
Battery Junction
Box (BJB)

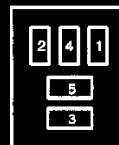
F02347

Pin	Circuit	Circuit Function
1	2037 (RD)	Battery cable +

C1036**14290**
14398K138
Rear window wiper
raise relay

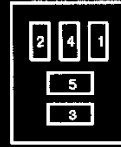
F05064

Pin	Circuit	Circuit Function
1	591 (LG)	Rear window wiper raise relay, output
2	406 (BN/WH)	Voltage supplied at all times (overload protected)
	406 (BN/WH)	Voltage supplied at all times (overload protected)
3	410 (WH/OG)	Rear window wiper raise relay, switched output
4	57 (BK)	Ground
5	406 (BN/WH)	Voltage supplied at all times (overload protected)

C1037**14290**
14398K137
Rear window wiper
lower relay

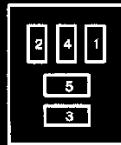
F05064

Pin	Circuit	Circuit Function
1	406 (BN/WH)	Voltage supplied at all times (overload protected)
	406 (BN/WH)	Voltage supplied at all times (overload protected)
2	592 (TN)	Rear window wiper lower relay, output
3	411 (BK/LB)	Rear window wiper lower relay, switched output
4	57 (BK)	Ground
5	406 (BN/WH)	Voltage supplied at all times (overload protected)

C1038**14398**K337
Fog lamp isolation
relay

F05064

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	12 (LG/BK)	Power, Hot with High Beams on
3	1032 (WH/BK)	Power, Exterior lamps
4	474 (LG/OG)	Fog lamp relay, control
5	—	not used

C1039**14290**
14398K185
Washer pump relay,
rear

F05064

Pin	Circuit	Circuit Function
2	57 (BK)	Ground
	57 (BK)	Ground
1	946 (VT/LG)	Rear window wiper/washer switch, output
3	1032 (WH/BK)	Windshield washer pump motor, feed
4	57 (BK)	Ground
	57 (BK)	Ground
5	946 (VT/LG)	Rear window wiper/washer switch, output
	946 (VT/LG)	Rear window wiper/washer switch, output

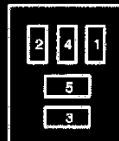
C1041**14290**
14398E7
Headlamp, right

F03169

Pin	Circuit	Circuit Function
1	12 (LG/BK)	Power, Hot with High Beams on
2	57 (BK)	Ground
3	1056 (DB/LG)	Headlamp, right - fused feed

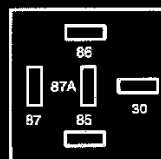
C1043**14290**
14398E168
Park/turn lamp, right
front

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps
3	2 (WH/LB)	Turn lamps, feed, right front

C1051**14290**
14398K4
Fuel pump relay

F05064

Pin	Circuit	Circuit Function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	926 (LB/OG)	Fuel pump relay, control
3	1059 (LB/OG)	Voltage supplied at all times (overload protected)
4	—	not used
5	238 (DG/YE)	Fuel pump relay, switched power, output

C1056**14290**
14398K305
High speed fan control
relay

F05051

Pin	Circuit	Circuit Function
87	57 (BK)	Ground
87A	515 (OG/RD)	Resistor, Blower motor, High
85	261 (OG/BK)	Blower motor, to switch - High
86	371 (PK/WH)	Blower motor relay, switched output
30	536 (BK/LG)	Blower motor relay, Blower motor

C1061 (BN)**12B637**

B227
Engine Coolant
Temperature (ECT)
sender

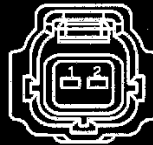


F02091

Pin	Circuit	Circuit Function
1	39 (RD/WH)	Engine Coolant Temperature (ECT) sender, input
2	570 (BK/WH)	Ground

C1064 (GY)**12B637**

B10
Engine Coolant
Temperature (ECT)
sensor

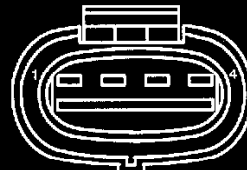


F02091

Pin	Circuit	Circuit Function
1	354 (LG/RD)	Engine Coolant Temperature (ECT) sensor, input
2	359 (GY/RD)	signal, return

C1065**12B637**

T1
Ignition coil



F04215

Pin	Circuit	Circuit Function
1	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)
2	96 (TN/OG)	Ignition coil
3	97 (TN/LG)	Ignition coil
4	95 (TN/WH)	Ignition coil

C1066**12B637**

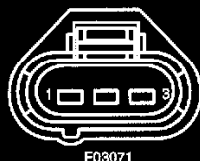
Y133
Idle air control valve
(IAC)



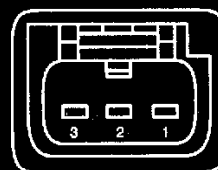
F02091

Pin	Circuit	Circuit Function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	264 (WH/LB)	Idle air control valve (IAC), control

B257
Differential Pressure
Feedback EGR
(DPFE) sensor



F03071

C1068 (GY)**12B637**

F03161

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

C1072**12B637**

Y205
EGR vacuum regu-
lator solenoid

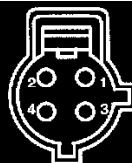


F02101

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	360 (BN/PK)	EGR Vacuum Regulator (EVR), control

C1078 (GY)**14A280**

N126
A/C high pressure
switch



F04195

Pin	Circuit	Circuit Function
1	570 (BK/WH)	Ground
2	—	not used
3	441 (RD/YE)	A/C pressure switch, to A/C cycling switch
4	—	not used

A/C High Pressure Switch Connector

C1081**14290****14398**

N75
A/C compressor
cycling switch

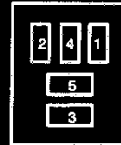


F04195

Pin	Circuit	Circuit Function
1	441 (RD/YE)	A/C pressure switch, to A/C cycling switch
2	—	not used
3	—	not used
4	347 (BK/YE)	A/C clutch relay, switched output

C1095**14290**

K52
Park lamp relay

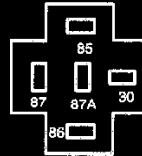


F05064

Pin	Circuit	Circuit Function
1	195 (TN/WH)	Park lamp relay - fused feed
2	218 (WH/VT)	Park lamp relay, control
3	14 (BN)	Power, Exterior lamps
4	1032 (WH/BK)	Trailer tow relay, feed
5	195 (TN/WH)	Park lamp relay - fused feed

C1096**14290**

K336
Window safety relay



F05016

Pin	Circuit	Circuit Function
30	194 (PK)	Voltage supplied at all times (overload protected)
87A	—	not used
85	57 (BK)	Ground
86	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
87	400 (LB/BK)	Accessory relay, switched power, output

C1100a**14A280**

O1
Battery



F01059

Pin	Circuit	Circuit Function
1	2037 (RD)	Battery cable +
	2037 (RD)	Battery cable +

C1100b**14A280**O1
Battery

F01059

Pin	Circuit	Circuit Function
1	2057 (BK)	Battery cable -
	2057 (BK)	Battery cable -

C1107**12B637**B110
Output shaft speed
sensor (OSS)

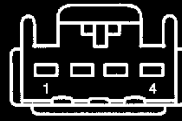
F02031

Pin	Circuit	Circuit Function
1	359 (GY/RD)	signal, return
2	136 (DB/YE)	Powertrain Control Module (PCM) - Output shaft speed sensor (OSS)

C2000**14401**N52
Rear window wiper/
washer switch

F06086

Pin	Circuit	Circuit Function
1	946 (VT/LG)	Rear window wiper/washer switch, output
2	485 (PK/BK)	Rear window wiper/washer switch, input
3	57 (BK)	Ground
4	950 (WH/BK)	Voltage in Run or Accessory (overload protected)
5	1302 (WH/LG)	Multifunction switch, Signal return
6	235 (RD/BK)	Front seats (power), feed input

C2007**14401**A271
Passive anti-theft
transceiver

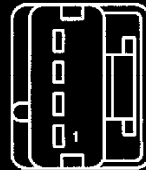
F04155

Pin	Circuit	Circuit Function
1	651 (BK/YE)	Ground
2	936 (DG/WH)	RF, Power
3	1216 (GY/OG)	RX, signal
4	1215 (WH/LG)	TX, signal

C2008**14401**Y215
Brake shift interlock

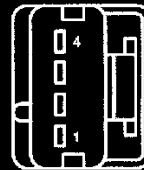
F03080

Pin	Circuit	Circuit Function
1	1003 (GY/YE)	Voltage in Run (overload protected)
2	57 (BK)	Ground
3	810 (RD/LG)	Brake pedal position switch, input

C2013a**14401**A277
Belt minder module

F04143

Pin	Circuit	Circuit Function
1	871 (YE)	Safety belt indicator, control
2	85 (BN/LB)	Safety belt buckle switch, input
3	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
4	1032 (WH/BK)	Trailer tow relay, feed

C2013b**14401**A277
Belt minder module

F04143

Pin	Circuit	Circuit Function
1	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
2	—	not used
3	—	not used
4	570 (BK/WH)	Ground

C2014**14401**

E39
Ashtray illumination
lamp



F02241

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	235 (RD/BK)	Instrument illumination, input

C2015**14A488**

N63
Park brake switch

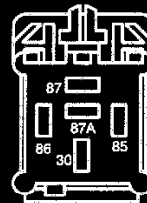


F01029

Pin	Circuit	Circuit Function
1	162 (LG/RD)	Park brake switch

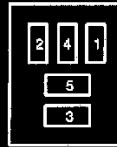
C2021**14401**

K1
Rear window defrost
relay



F05062

Pin	Circuit	Circuit Function
87	186 (BN/LB)	Rear window defrost relay, switched power
87A	—	not used
85	298 (VT/OG)	Voltage in Run (overload protected)
86	1009 (OG/YE)	Rear window defrost relay, control
30	175 (BK/YE)	Voltage supplied at all times (overload protected)

C2022**14401**K333
Interior lamps relay

F05064

Pin	Circuit	Circuit Function
1	402 (OG/LG)	Interior lamp relay, feed
2	1008 (LG/OG)	GEM to interior lamp control
3	53 (BK/LB)	Interior lamp relay, switched power, output
4	—	not used
5	705 (LG/OG)	Battery saver relay, switched power

C2031a**14401**R42
Cigar lighter, front

F01069

Pin	Circuit	Circuit Function
1	40 (LB/WH)	Voltage supplied at all times (overload protected)

C2031b**14401**R42
Cigar lighter, front

F01041

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

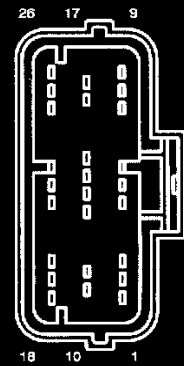
C2033**14401**N251
Power point

F02009

Pin	Circuit	Circuit Function
1	1049 (BN/PK)	Voltage supplied at all times (overload protected)
2	57 (BK)	Ground

C2041a**14401**

A208
Restraints Control
Module (RCM)

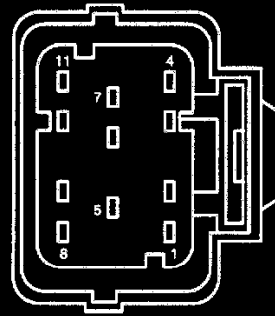


F26008

PIn	Circuit	Circuit Function
1	—	not used
2	364 (BK/LG)	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	—	not used
9	—	not used
10	570 (BK/WH)	Ground
11	—	not used
12	—	not used
13	570 (BK/WH)	Ground
14	570 (BK/WH)	Ground
15	—	not used
16	—	not used
17	—	not used
18	—	not used
19	—	not used
20	608 (BK/YE)	Air bag indicator, control
21	649 (BK/OG)	Air bag, dedicated ground
22	—	not used
23	—	not used
24	—	not used
25	—	not used
26	1083 (LB/BK)	Air bag, tone driver

C2041b**14401**

A208
Restraints Control
Module (RCM)

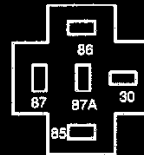


F11019

Pin	Circuit	Circuit Function
1	—	not used
2	1257 (WH/LB)	Air bag - driver side impact - to module - feed
3	1258 (BN/LB)	Air bag - driver side impact - to module - return
4	—	not used
5	1259 (WH/YE)	Air bag - passenger side impact - to module - feed
6	1260 (BN/YE)	Air bag - passenger side impact - to module - return
7	—	not used
8	1261 (WH/LG)	Air bag - driver side impact - crash sensor to module - feed
9	1262 (BN/LG)	Air bag - driver side impact - crash sensor to module - return
10	1263 (WH)	Air bag - passenger side impact - crash sensor to module - feed
11	1264 (BN)	Air bag - passenger side impact - crash sensor to module - return

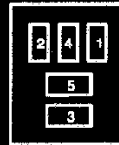
C2047**14401**

K2
Indicator flasher
relay



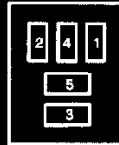
F05016

Pin	Circuit	Circuit Function
87	44 (LB)	Turn signal flasher to turn signal switch
87A	385 (WH/RD)	Voltage supplied at all times (overload protected)
85	383 (RD/WH)	Emergency warning flasher, feed
86	570 (BK/WH)	Ground
30	8 (OG/YE)	Turn signal flasher, feed

C2048**14401**K115
Battery saver relay

F05064

Pin	Circuit	Circuit Function
1	792 (TN/YE)	Battery saver relay - fused feed
	792 (TN/YE)	Battery saver relay - fused feed
2	1005 (VT/OG)	Generic Electronic Module (GEM) to, Battery saver relay - output
3	705 (LG/OG)	Battery saver relay, switched power
	705 (LG/OG)	Battery saver relay, switched power
4	—	not used
5	792 (TN/YE)	Battery saver relay - fused feed

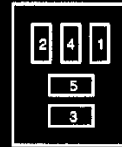
C2049**14401**K335
Trailer tow relay

F05064

Pin	Circuit	Circuit Function
1	14 (BN)	Power, Exterior lamps
	1032 (WH/BK)	Trailer tow relay, feed
2	57 (BK)	Ground
3	1043 (DG/YE)	Voltage supplied at all times (overload protected)
4	—	not used
5	962 (BN/WH)	Trailer tow relay, switched output

C2051**14401**

K50
One-touch window
relay

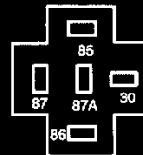


F05064

Pin	Circuit	Circuit Function
1	1007 (YE/RD)	Generic Electronic Module (GEM) to, One-touch window relay - output
2	400 (LB/BK)	Window safety relay, switched power, output
3	903 (RD)	Window motor, feed, Down
4	991 (TN/LB)	Master window adjust switch, feed, Down
5	400 (LB/BK)	Window safety relay, switched power, output

C2058**14401**

K336
Window safety relay



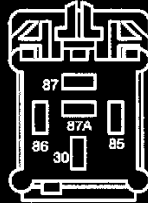
F05016

Pin	Circuit	Circuit Function
30	400 (LB/BK)	Window safety relay switched power, output
85	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
86	57 (BK)	Ground
87	194 (PK)	Voltage supplied at all times (overload protected)
87A	—	not used

C2059**14401**

K52

Park lamp relay

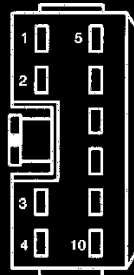


F05062

Pin	Circuit	Circuit Function
87	195 (TN/WH)	Park lamp relay – fused feed
87A	1032 (WH/BK)	Trailer tow relay, feed
85	195 (TN/WH)	Park lamp relay – fused feed
86	218 (WH/VT)	Park lamp relay, control
30	14 (BN)	Power, Exterior lamps

C2060**14401**

N465

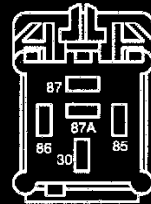
Rear window adjust
switch

F10040

Pin	Circuit	Circuit Function
1	–	not used
2	–	not used
3	–	not used
4	404 (VT/LG)	Window motor
5	57 (BK)	Ground
6	570 (BK/WH)	Ground
7	407 (TN/BK)	Window motor
8	235 (RD/BK)	Instrument illumination, input
9	405 (VT/LB)	Window motor
10	–	not used

C2061**14401**

K129
Door unlock relay

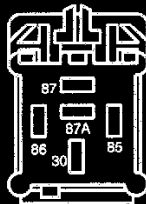


F05062

Pin	Circuit	Circuit Function
87	171 (BK/WH)	Voltage supplied at all times (overload protected)
87A	57 (BK)	Ground
85	171 (BK/WH)	Voltage supplied at all times (overload protected)
86	120 (PK/LG)	Door unlock relay, control
30	118 (PK/OG)	Door unlock, output

C2062**14401**

K130
Door lock relay

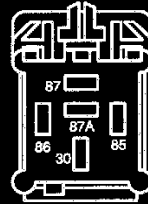


F05062

Pin	Circuit	Circuit Function
87	171 (BK/WH)	Voltage supplied at all times (overload protected)
87A	57 (BK)	Ground
85	171 (BK/WH)	Voltage supplied at all times (overload protected)
86	119 (PK/YE)	Door lock relay, control
30	117 (PK/BK)	Door lock, output

C2063**14401**

K131
Driver door unlock
relay



F05062

Pin	Circuit	Circuit Function
87	171 (BK/WH)	Voltage supplied at all times (overload protected)
87A	118 (PK/OG)	Door unlock, output
85	171 (BK/WH)	Voltage supplied at all times (overload protected)
86	129 (LG)	Driver door unlock relay, output
30	163 (RD/OG)	Driver door unlock relay, switched power

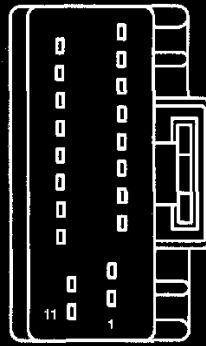
C2097**14401**

A271
Passive anti-theft
transceiver



F04106

Pin	Circuit	Circuit Function
1	570 (BK/WH)	Ground
2	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)
3	1216 (GY/OG)	RX, signal
4	1215 (WH/LG)	TX, signal

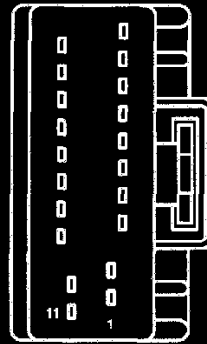
C2100a**14401**A112
Generic Electronic
Module (GEM)

F20020

Pin	Circuit	Circuit Function
1	1001 (WH/YE)	Voltage supplied at all times (overload protected)
2	570 (BK/WH)	Ground
3	70 (LB/WH)	ISO Bus
4	587 (VT/YE)	Liftgate wiper motor, input
5	85 (BN/LB)	Safety belt buckle switch, input
6	591 (LG)	Rear window wiper raise relay, output
7	592 (TN)	Rear window wiper lower relay, output
8	1009 (OG/YE)	Rear window defrost relay, control
9	684 (PK/YE)	Wiper/washer, input
10	680 (LB/OG)	Wiper/washer, delay input
11	995 (GY)	Window motor, feed, Down
12	996 (OG/WH)	Window motor, feed, Down
13	1010 (DB/OG)	Rear window defrost switch, input
14	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
15	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
16	-	not used
17	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
18	158 (BK/PK)	Key warning switch, input
19	485 (PK/BK)	Rear window wiper/washer switch, input
20	1302 (WH/LG)	Multifunction switch, Signal return

C2100b**14401**

A112
Generic Electronic
Module (GEM)



F20020

Pin	Circuit	Circuit Function
1	999 (LB/WH)	GEM/Central security module door ajar, signal
2	671 (LB)	Wiper run/park relay, switched output
3	627 (BK/OG)	Door ajar indicator, control
4	646 (YE/WH)	Wiper run/park relay, control
5	647 (GY/LB)	Wiper high/low relay, control
6	871 (YE)	Safety belt indicator, control
7	1008 (LG/OG)	Interior lamp relay, control
8	1005 (VT/OG)	Generic Electronic Module (GEM), to, Battery saver relay - output
9	1007 (YE/RD)	Generic Electronic Module (GEM), to, One-touch window relay - output
10	686 (TN/RD)	Washer motor relay, control
11	991 (TN/LB)	Master window adjust switch, feed, Down
12	992 (WH/BK)	Master window adjust switch, feed, Up
13	765 (YE/BK)	Door ajar switch, left front
14	761 (GY/RD)	Door ajar switch, right front
15	-	not used
16	-	not used
17	700 (WH/VT)	Liftgate ajar switch
18	1032 (WH/BK)	Trailer tow relay, feed
	14 (BN)	Power, Exterior lamps
19	1083 (LB/BK)	Air bag, tone driver
20	1013 (BN/LG)	GEM/Central security module door ajar, Exterior lamps

C3002 (GY)**14B079**

M130
Rear blower motor

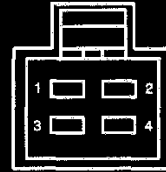


F02073

Pin	Circuit	Circuit Function
1	1132 (YE)	Blower motor, feed
2	1133 (BN)	Blower motor, return

C3003**14B079**

R78
Heater blower motor
resistor, rear

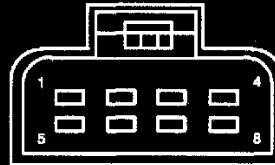


F04167

Pin	Circuit	Circuit Function
1	1135 (LB/OG)	Blower motor, to switch
2	1133 (BN)	Blower motor, return
3	—	not used
4	1134 (OG/BK)	Blower motor, to switch – High

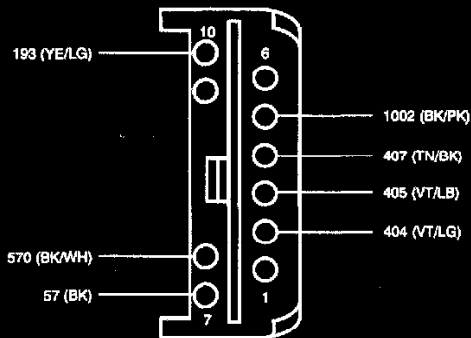
C3006**14B079**

P83
Function selector
switch assembly,
rear

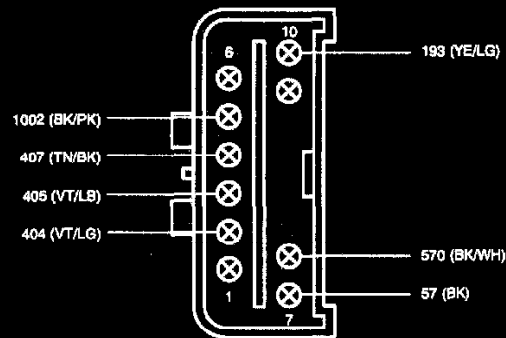


F08167

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	—	not used
4	—	not used
5	1134 (OG/BK)	Blower motor, to switch – High
6	1135 (LB/OG)	Blower motor, to switch
7	57 (BK)	Ground
8	—	not used

14A005**C3007****14683**

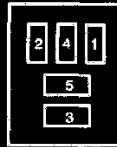
F10009



F10025

C3010**14A488**

K130
Door lock relay

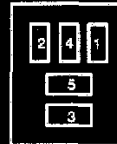


F05064

Pin	Circuit	Circuit Function
1	171 (BK/WH)	Voltage supplied at all times (overload protected)
2	119 (PK/YE)	Door lock relay, control
3	117 (PK/BK)	Door lock, output
4	57 (BK)	Ground
5	171 (BK/WH)	Voltage supplied at all times (overload protected)

C3011**14A488**

K129
Door unlock relay

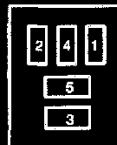


F05064

Pin	Circuit	Circuit Function
1	171 (BK/WH)	Voltage supplied at all times (overload protected)
2	120 (PK/LG)	Door unlock relay, control
3	118 (PK/OG)	Door unlock, output
4	57 (BK)	Ground
5	171 (BK/WH)	Voltage supplied at all times (overload protected)

C3012**14A488**

K131
Driver door unlock relay

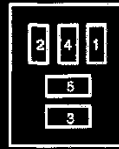


F05064

Pin	Circuit	Circuit Function
1	171 (BK/WH)	Voltage supplied at all times (overload protected)
2	129 (LG)	Driver door unlock relay, output
3	163 (RD/OG)	Driver door unlock relay, switched power
4	118 (PK/OG)	Door unlock, output
5	171 (BK/WH)	Voltage supplied at all times (overload protected)

C3013**14A488**

K52
Park lamp relay

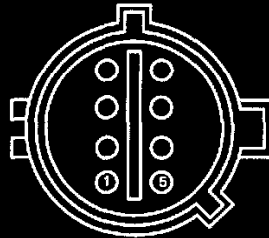


F05064

Pin	Circuit	Circuit Function
1	218 (WH/VT)	Park lamp relay, control
2	195 (TN/WH)	Park lamp relay - fused feed
3	14 (BN)	Power, Exterior lamps
4	1032 (WH/BK)	Trailer tow relay, feed
5	195 (TN/WH)	Park lamp relay - fused feed

C4033 (GY)**14405**

A31
Fuel tank unit



F08048

Pin	Circuit	Circuit Function
1	351 (BN/WH)	Reference, voltage
2	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	787 (PK/BK)	Fuel pump, Power
4	570 (BK/WH)	Ground
5	791 (RD/PK)	Fuel tank pressure transducer sensor
6	359 (GY/RD)	signal, return
7	57 (BK)	Ground
8	29 (YE/WH)	Fuel pump/fuel gauge sender

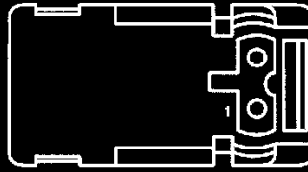
C256 (GY)**14401**

A43
Passenger air bag
module



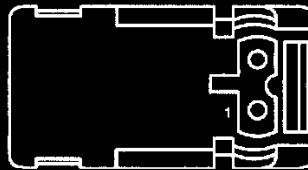
F03035

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

C337**14K155**A154
Side air bag module, right

F02215

Pin	Circuit	Circuit Function
1	1260 (BN/YE)	Air bag - passenger side impact - to module - return
2	1259 (WH/YE)	Air bag - passenger side impact - to module - feed

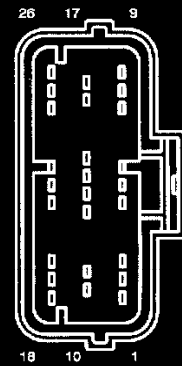
C367**14K155**A155
Side air bag module, left

F02215

Pin	Circuit	Circuit Function
1	1258 (BN/LB)	Air bag - driver side impact - to module - return
2	1257 (WH/LB)	Air bag - driver side impact - to module - feed

C2041a**14401**

A208
Restraints Control
Module (RCM)

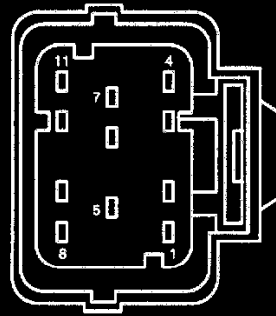


F26008

PIn	Circuit	Circuit Function
1	—	not used
2	364 (BK/LG)	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	—	not used
9	—	not used
10	570 (BK/WH)	Ground
11	—	not used
12	—	not used
13	570 (BK/WH)	Ground
14	570 (BK/WH)	Ground
15	—	not used
16	—	not used
17	—	not used
18	—	not used
19	—	not used
20	608 (BK/YE)	Air bag indicator, control
21	649 (BK/OG)	Air bag, dedicated ground
22	—	not used
23	—	not used
24	—	not used
25	—	not used
26	1083 (LB/BK)	Air bag, tone driver

C2041b**14401**

A208
Restraints Control
Module (RCM)

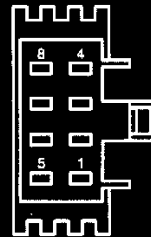


F11019

Pin	Circuit	Circuit Function
1	—	not used
2	1257 (WH/LB)	Air bag - driver side impact - to module - feed
3	1258 (BN/LB)	Air bag - driver side impact - to module - return
4	—	not used
5	1259 (WH/YE)	Air bag - passenger side impact - to module - feed
6	1260 (BN/YE)	Air bag - passenger side impact - to module - return
7	—	not used
8	1261 (WH/LG)	Air bag - driver side impact - crash sensor to module - feed
9	1262 (BN/LG)	Air bag - driver side impact - crash sensor to module - return
10	1263 (WH)	Air bag - passenger side impact - crash sensor to module - feed
11	1264 (BN)	Air bag - passenger side impact - crash sensor to module - return

C289**14401**

M256
Temperature blend
door actuator

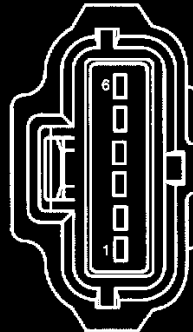


F08059

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	437 (YE/LG)	Air temperature door variable resistor, wiper
4	436 (RD/LG)	Air temperature door variable resistor +
5	—	not used
6	438 (RD/WH)	Air temperature door variable resistor —
7	1003 (GY/YE)	Voltage in Run (overload protected)
8	57 (BK)	Ground

C128**12B637**

B22
Mass Air Flow
(MAF) sensor



F06077

Pin	Circuit	Circuit Function
1	359 (GY/RD)	signal, return
2	361 (RD)	Voltage supplied in Start and Run (overload protected)
3	969 (BK)	Mass Air Flow (MAF) sensor, Ground
4	968 (TN/LB)	Mass Air Flow (MAF) sensor, signal, return
5	967 (LB/RD)	Mass Air Flow (MAF) sensor, output
6	743 (GY)	Intake Air Temperature (IAT) sensor, input

C2007**14401**A271
Passive anti-theft
transceiver

F04155

Pin	Circuit	Circuit Function
1	651 (BK/YE)	Ground
2	936 (DG/WH)	RF, Power
3	1216 (GY/OG)	RX, signal
4	1215 (WH/LG)	TX, signal

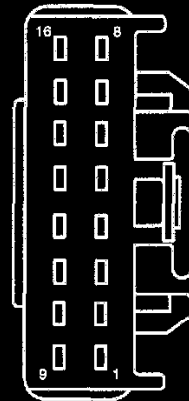
C2097**14401**A271
Passive anti-theft
transceiver

F04106

Pin	Circuit	Circuit Function
1	570 (BK/WH)	Ground
2	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)
3	1216 (GY/OG)	RX, signal
4	1215 (WH/LG)	TX, signal

C252 (GN)**14401**

A102
Passive anti-theft
transceiver module



F16029

Pin	Circuit	Circuit Function
1	325 (DB/OG)	Starter relay, control
2	—	not used
3	—	not used
4	—	not used
5	915 (PK/LB)	SCP Bus —
6	914 (TN/OG)	SCP Bus +
7	570 (BK/WH)	Ground
8	343 (DB/LG)	Anti-theft, indicator, input
9	—	not used
10	936 (DG/WH)	RF, Power
11	1216 (GY/OG)	RX, signal
12	—	not used
13	1215 (WH/LG)	TX, signal
14	651 (BK/YE)	Ground
15	1001 (WH/YE)	Voltage supplied at all times (overload protected)
16	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)

C102a**12B637** Early production**14A280** Late production

F03074

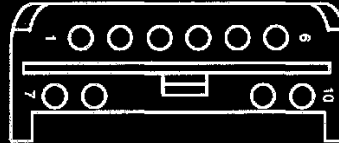
O5
Generator

Pin	Circuit	Circuit Function
1	36 (YE/WH)	Voltage supplied at all times (overload protected)
2	—	not used
3	904 (LG/RD)	Generator/Battery indicator, control

C102b**14A280**O5
Generator

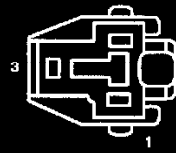
F01057

Pin	Circuit	Circuit Function
1	38 (BK/OG)	Voltage supplied at all times (not overload protected)

C466**18B864**A14
Subwoofer
amplifier

F10009

Pin	Circuit	Circuit Function
1	173 (DG/VT)	Radio - Subwoofer, High, mute
2	694 (BK/LG)	Ground
3	-	not used
4	-	not used
5	-	not used
6	797 (LG/VT)	Voltage supplied at all times (overload protected)
	828 (VT/LB)	switched power, to, Subwoofer amplifier
7	167 (BN/OG)	TX signal
8	168 (RD/BK)	RX signal
9	-	not used
10	-	not used

C380**14B079**O40
Power point, con-
sole

F03163

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

C474**14A435**O21
Power point, rear

F02247

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	687 (GY/YE)	Voltage supplied at all times (overload protected)

C2033**14401**N251
Power point

F02009

Pin	Circuit	Circuit Function
1	1049 (BN/PK)	Voltage supplied at all times (overload protected)
2	57 (BK)	Ground

C451 (GY)**13A409**
14A488E105
Reversing lamp, left

F03099

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

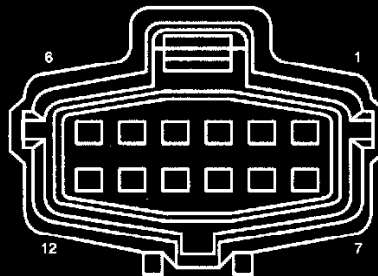
C461 (GY)**13A409**
14A488E109
Reversing lamp, right

F03099

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

C167**12A690 Early production****12B637 Late production**

B234
Digital Transmission
Range (DTR) sen-
sor



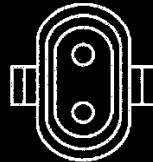
F12040

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

Pin	Circuit	Circuit Function
7	57 (BK)	Ground
8	463 (RD/WH)	Neutral, switch sense, input
9	298 (VT/OG)	Voltage in Run (overload protected)
10	1093 (TN/RD)	Power, Hot in Start with Park or Neutral
11	140 (BK/PK)	Voltage supplied in reverse
12	329 (PK)	Voltage supplied in Start (overload protected)

C169**12B637**

N19
Reversing lamps
switch



Pin	Circuit	Circuit Function
1	140 (BK/PK)	Voltage supplied in reverse
2	298 (VT/OG)	Voltage in Run (overload protected)

C1100a**14A280**

O1
Battery



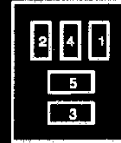
F01059

Pin	Circuit	Circuit Function
1	2037 (RD)	Battery cable +
	2037 (RD)	Battery cable +

C1100b**14A280**O1
Battery

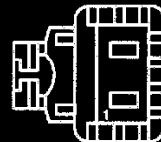
F01059

Pin	Circuit	Circuit Function
1	2057 (BK)	Battery cable -
	2057 (BK)	Battery cable -

C2048**14401**K115
Battery saver relay

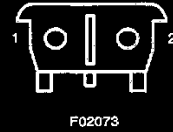
F05064

Pin	Circuit	Circuit Function
1	792 (TN/YE)	Battery saver relay - fused feed
	792 (TN/YE)	Battery saver relay - fused feed
2	1005 (VT/OG)	Generic Electronic Module (GEM) to, Battery saver relay - output
3	705 (LG/OG)	Battery saver relay, switched power
	705 (LG/OG)	Battery saver relay, switched power
4	-	not used
5	792 (TN/YE)	Battery saver relay - fused feed

C1031**14398**M3
Heater blower motor

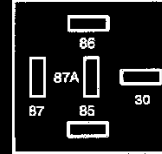
F02169

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

C3002 (GY)**14B079**M130
Rear blower motor

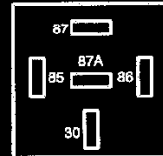
F02073

Pin	Circuit	Circuit Function
1	1132 (YE)	Blower motor, feed
2	1133 (BN)	Blower motor, return

C1056**14290**
14398K305
High speed fan control relay

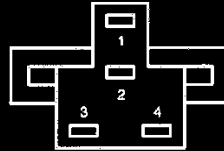
F05051

Pin	Circuit	Circuit Function
87	57 (BK)	Ground
87A	515 (OG/RD)	Resistor, Blower motor, High
85	261 (OG/BK)	Blower motor, to switch - High
86	371 (PK/WH)	Blower motor relay, switched output
30	536 (BK/LG)	Blower motor relay, Blower motor

C1011**14290**
14398K73
Blower motor relay

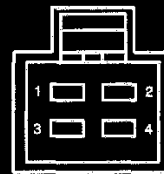
F05051

Pin	Circuit	Circuit Function
87	181 (BN/OG)	Voltage supplied at all times (overload protected)
87A	—	not used
86	280 (RD/OG)	Blower motor relay, control
85	57 (BK)	Ground
30	371 (PK/WH)	Blower motor relay, switched output

C1032**14290**
14398R77
Heater blower motor
resistor, front

F04674

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	515 (OG/RD)	Resistor, Blower motor, High

C3003**14B079**R78
Heater blower motor
resistor, rear

F04187

Pin	Circuit	Circuit Function
1	1135 (LB/OG)	Blower motor, to switch
2	1133 (BN)	Blower motor, return
3	—	not used
4	1134 (OG/BK)	Blower motor, to switch – High

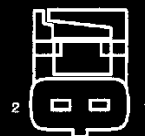
Blower Motor Switch**C294a** (WH)**14401**P82
Function selector
switch assembly,
front

F04027

Pin	Circuit	Circuit Function
1	1003 (GY/YE)	Voltage in Run (overload protected)
2	348 (VT)	A/C demand signal
3	260 (RD/OG)	Blower motor relay, control
4	364 (BK/LG)	Voltage in Run (overload protected)

C294b**14401**

P82
Function selector
switch assembly,
front

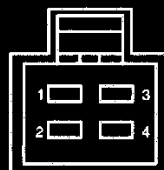


F02243

Pin	Circuit	Circuit Function
1	235 (RD/BK)	Instrument illumination, input
2	57 (BK)	Ground

C294c (GY)**14401**

P82
Function selector
switch assembly,
front

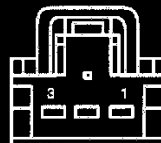


F04187

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/RD)	Blower switch speed control, to resistor

C294d**14401**

P82
Function selector
switch assembly,
front

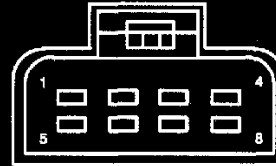


F03165

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

C3006**14B079**

P83
Function selector
switch assembly,
rear

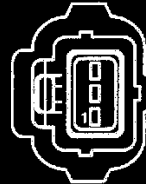


F08167

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	—	not used
4	—	not used
5	1134 (OG/BK)	Blower motor, to switch – High
6	1135 (LB/OG)	Blower motor, to switch
7	57 (BK)	Ground
8	—	not used

C124**14290
14398**

N1
Brake fluid level
switch



F03093

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	512 (TN/LG)	Brake indicator, control
3	977 (VT/WH)	Brake indicator, control

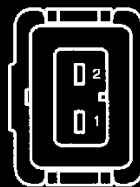
C278**14401**

N82
Brake pedal position
switch



F05111

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	810 (RD/LG)	Brake pedal position switch, input
3	22 (LB/BK)	Voltage supplied at all times (overload protected)
4	511 (LG)	Brake pedal position switch, to stoplamps
5	10 (LG/RD)	Voltage supplied at all times (overload protected)

C1025**14290**
14398N423
Deactivator switch

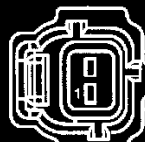
F02089

Pin	Circuit	Circuit Function
1	307 (BK/YE)	Brake pressure switch, input
2	10 (LG/RD)	Voltage supplied at all times (overload protected)

C180**12B637**B41
Camshaft position
sensor

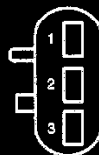
F02012

Pin	Circuit	Circuit Function
1	282 (DB/OG)	Camshaft position sensor, input
2	359 (GY/RD)	signal, return

C1029**14290**
14398Y134
EVAP canister
purge valve

F02105

Pin	Circuit	Circuit Function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	191 (LG/BK)	Powertrain Control Module (PCM), EVAP canister purge valve

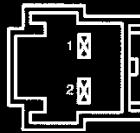
C927**14A005**E237
Cargo lamp assem-
bly

F03197

Pin	Circuit	Circuit Function
1	55 (BK/PK)	Cargo lamp, output
2	511 (LG)	Brake pedal position switch, to stoplamps
3	57 (BK)	Ground

C904**13B472**

E174
High mounted stop-
lamp

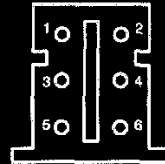


F02077

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	569 (DG)	Brake pedal position switch, to stoplamps

C218a (BN)**14401**

P140
Air bag sliding con-
tact



F06089

Pin	Circuit	Circuit Function
1	151 (LB/BK)	Speed control switch, input
2	6 (YE/LG)	Horn relay, switched power, out-put
	6 (YE/LG)	Horn relay, switched power, out-put
3	235 (RD/BK)	Instrument illumination, input
4	848 (DG/OG)	Speed control switch, Ground
5	570 (BK/WH)	Ground
6	158 (BK/PK)	Key warning switch, input

C218b (BN)**14401**

P140
Air bag sliding con-
tact



F03181

Pin	Circuit	Circuit Function
1	615 (GY/WH)	Driver air bag, return
2	—	not used
3	614 (GY/OG)	Driver air bag, feed, monitor

C257**14401**N81
Clutch pedal position switch

F06084

Pin	Circuit	Circuit Function
1	33 (WH/PK)	switched power, to starter solenoid
2	329 (PK)	Starter relay, control
3	810 (RD/LG)	Brake pedal position switch, input
4	306 (TN/LB)	Brake pedal position switch, return
5	359 (GY/RD)	signal, return
6	199 (LB/YE)	Digital Transmission Range (DTR) sensor, TR3A

C257**14401**N81
Clutch pedal position switch

F06084

Pin	Circuit	Circuit Function
1	33 (WH/PK)	switched power, to starter solenoid
2	329 (PK)	Starter relay, control
3	810 (RD/LG)	Brake pedal position switch, input
4	306 (TN/LB)	Brake pedal position switch, return
5	359 (GY/RD)	signal, return
6	199 (LB/YE)	Digital Transmission Range (DTR) sensor, TR3A

C257**14401**

NB1
Clutch pedal position switch



F06084

Pin	Circuit	Circuit Function
1	33 (WH/PK)	switched power, to starter solenoid
2	329 (PK)	Starter relay, control
3	810 (RD/LG)	Brake pedal position switch, input
4	306 (TN/LB)	Brake pedal position switch, return
5	359 (GY/RD)	signal, return
6	199 (LB/YE)	Digital Transmission Range (DTR) sensor, TR3A

C100**14A280**

Y31
A/C clutch solenoid

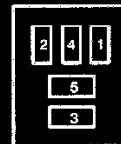


F02245

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

C1008**14290****14398**

K107
A/C clutch relay



F05064

Pin	Circuit	Circuit Function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	331 (PK/YE)	A/C clutch relay, control
3	883 (PK/LB)	Voltage supplied at all times (overload protected)
4	—	not used
5	321 (GY/WH)	A/C clutch relay, switched output

C1018**14290**
14398V34
PCM Module power
diode

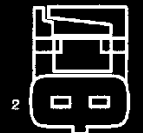
F02009

Pin	Circuit	Circuit Function
1	546 (DG/YE)	Voltage supplied in Start and Run (overload protected)
2	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)
	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)

Control Assembly, HVAC**C294a** (WH)**14401**P82
Function selector
switch assembly,
front

F04027

Pin	Circuit	Circuit Function
1	1003 (GY/YE)	Voltage in Run (overload protected)
2	348 (VT)	A/C demand signal
3	260 (RD/OG)	Blower motor relay, control
4	364 (BK/LG)	Voltage in Run (overload protected)

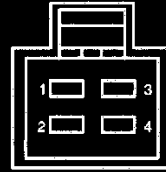
C294b**14401**P82
Function selector
switch assembly,
front

F02243

Pin	Circuit	Circuit Function
1	235 (RD/BK)	Instrument illumination, input
2	57 (BK)	Ground

C294c (GY)**14401**

P82
Function selector
switch assembly,
front

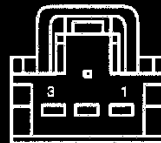


F04187

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/RD)	Blower switch speed control, to resistor

C294d**14401**

P82
Function selector
switch assembly,
front

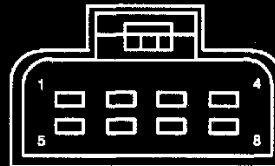


F03165

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

C3006**14B079**

P83
Function selector
switch assembly,
rear



F08167

Pin	Circuit	Circuit Function
1	-	not used
2	-	not used
3	-	not used
4	-	not used
5	1134 (OG/BK)	Blower motor, to switch - High
6	1135 (LB/OG)	Blower motor, to switch
7	57 (BK)	Ground
8	-	not used

C1064 (GY)**12B637**

B10
Engine Coolant
Temperature (ECT)
sensor



F02091

Pin	Circuit	Circuit Function
1	354 (LG/RD)	Engine Coolant Temperature (ECT) sensor, input
2	359 (GY/RD)	signal, return

C254**14401**

E28
Glove box lamp



F01063

Pin	Circuit	Circuit Function
1	705 (LG/OG)	Battery saver relay, switched power

C931a**14334**

E238
Interior/map lamps
assembly, front



F01017

Pin	Circuit	Circuit Function
1	53 (BK/LB)	Interior lamp relay, switched power, output

C931b (GY)**14334**

E238
Interior/map lamps
assembly, front



F01017

Pin	Circuit	Circuit Function
1	705 (LG/OG)	Battery saver relay, switched power

C932a**14335**

E239
Interior/map lamps
assembly, rear



F01017

Pin	Circuit	Circuit Function
1	53 (BK/LB)	Interior lamp relay, switched power, output

C932b (GY)**14335**

E239
Interior/map lamps
assembly, rear



F01017

Pin	Circuit	Circuit Function
1	705 (LG/OG)	Battery saver relay, switched power

C2014**14401**

E39
Ashtray illumination
lamp

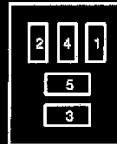


F02241

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	235 (RD/BK)	Instrument illumination, input

C2022**14401**

K333
Interior lamps relay



F05064

Pin	Circuit	Circuit Function
1	402 (OG/LG)	Interior lamp relay, feed
2	1008 (LG/OG)	GEM to interior lamp control
3	53 (BK/LB)	Interior lamp relay, switched power, output
4	—	not used
5	705 (LG/OG)	Battery saver relay, switched power

C101**12B637**

B43
Crankshaft position
sensor



F02012

Pin	Circuit	Circuit Function
1	349 (DB)	Crankshaft position sensor +
2	350 (GY)	Crankshaft position sensor -

C122**14290****14398**

M87

Speed control servo

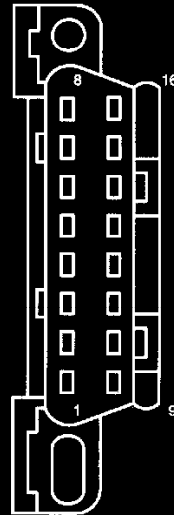


F10011

Pin	Circuit	Circuit Function
1	203 (OG/LB)	Cruise set, indicator, control
2	—	not used
3	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
4	306 (TN/LB)	Brake pedal position switch, input
5	151 (LB/BK)	Speed control switch, input
6	848 (DG/OG)	Speed control switch, Ground
7	1003 (GY/YE)	Voltage in Run (overload protected)
8	—	not used
9	307 (BK/YE)	Brake pressure switch, input
10	57 (BK)	Ground

C251**14401**

D20
Data Link Connector
(DLC)



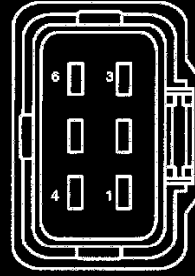
F16063

Pin	Circuit	Circuit Function
1	—	not used
2	914 (TN/OG)	SCP Bus +
3	—	not used
4	57 (BK)	Ground
5	570 (BK/WH)	Ground
6	—	not used
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	—	not used
15	—	not used
16	40 (LB/WH)	Voltage supplied at all times (overload protected)

C1030 (GY)

14398

A253
Daytime Running
Lamps (DRL) mod-
ule

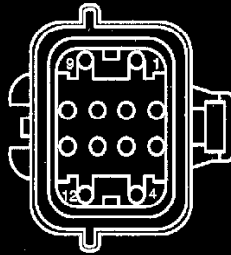


F08110

Pin	Circuit	Circuit Function
1	13 (RD/BK)	Power, Hot with Low Beams on
2	932 (GY/WH)	Voltage supplied at all times (overload protected)
3	298 (VT/OG)	Voltage in Run (overload protected)
4	57 (BK)	Ground
5	12 (LG/BK)	Power, Hot with High Beams on
6	—	not used

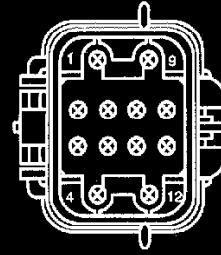
C126

14290 **14398**



F12046

14290 **14398**



F12045

D16
ABS test connector

(1)	(7)
(2) 57 (BK)	(8) 70 (LB/WH)
(3)	(9) 534 (YE/LG)
(4)	(10)
(5) 601 (LB/BK)	(11)
(6) 483 (RD)	(12)

C455**14405**

B25
Rear axle speed
sensor



F02031

Pin	Circuit	Circuit Function
1	523 (RD/PK)	Wheel speed sensor, right rear +
2	519 (LG/BK)	Wheel speed sensor, left rear -

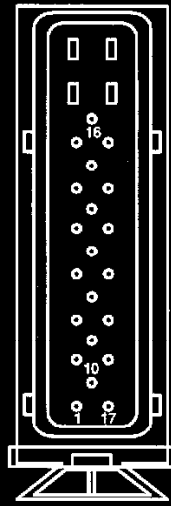
C1072**12B637**

Y205
EGR vacuum regu-
lator solenoid



F02101

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	360 (BN/PK)	EGR Vacuum Regulator (EVR), control

C135**14290**
14398A7
ABS control module

F25007

Pin	Circuit	Circuit Function
1	–	not used
2	810 (RD/LG)	Brake pedal position switch, input
3	514 (YE/RD)	Wheel speed sensor, right front +
4	516 (YE/BK)	Wheel speed sensor, right front –
5	–	not used
6	–	not used
7	–	not used
8	57 (BK)	Ground
9	534 (YE/LG)	Voltage supplied at all times (overload protected)
10	–	not used
11	–	not used
12	–	not used
13	570 (BK/WH)	Ground
14	571 (BK/OG)	Ground
15	–	not used
16	603 (DG)	Anti-lock brake indicator, control
17	521 (TN/OG)	Wheel speed sensor, left front +
18	522 (TN/BK)	Wheel speed sensor, left front –
19	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
20	601 (LB/BK)	Voltage in Run (overload protected)
21	523 (RD/PK)	Wheel speed sensor, right rear +
22	519 (LG/BK)	Wheel speed sensor, left rear –
23	70 (LB/WH)	ISO Bus
24	57 (BK)	Ground
25	483 (RD)	Voltage supplied at all times (overload protected)

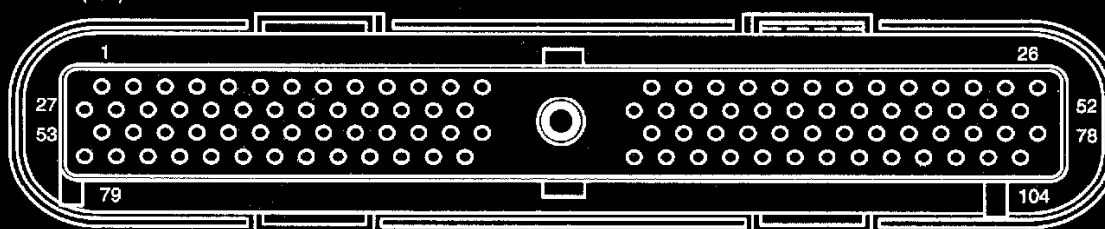
C174 (GY)**12B637**U10
Ignition transformer
capacitor 1

F01031

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

C175 (GY)**12B637**

A147
Powertrain Control
Module (PCM)



F104001

Pin	Circuit	Circuit Function
1	315 (VT/OG)	Shift solenoid B
2	658 (PK/LG)	Malfunction Indicator Lamp (MIL), control
3	1144 (YE/BK)	Digital Transmission Range (DTR) sensor, TR1
4	—	not used
5	—	not used
6	136 (DB/YE)	Powertrain Control Module (PCM) - Output shaft speed sensor (OSS), Early production
	970 (DG/WH)	Turbine shaft speed (TSS) sensor, Late production
7	—	not used
8	—	not used
9	—	not used
10	—	not used
11	—	not used
12	29 (YE/WH)	Fuel pump/fuel gauge sender
13	107 (VT)	Module programming signal
14	784 (LB/BK)	Four-wheel drive, indicator, Low
15	915 (PK/LB)	SCP Bus -
16	914 (TN/OG)	SCP Bus +
17	1216 (GY/OG)	RX, signal
18	1215 (WH/LG)	TX, signal
19	—	not used
20	—	not used
21	349 (DB)	Crankshaft position sensor +
22	350 (GY)	Crankshaft position sensor -
23	—	not used

Pin	Circuit	Circuit Function
24	570 (BK/WH)	Ground
25	57 (BK)	Ground
26	95 (TN/WH)	Ignition coil
27	237 (OG/YE)	Shift solenoid A
28	924 (BN/OG)	Shift solenoid D
29	224 (TN/WH)	PCM, to transmission over-drive cancel switch
30	343 (DB/LG)	Anti-theft, indicator, input
31	—	not used
32	311 (DG/VT)	Knock sensor
33	—	not used
34	—	not used
35	392 (RD/LG)	Heated Oxygen Sensor (HO2S) #12, input
36	988 (TN/LB)	Mass Air Flow (MAF) sensor, signal, return
37	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor, input
38	354 (LG/RD)	Engine Coolant Temperature (ECT) sensor, input
39	743 (GY)	Intake Air Temperature (IAT) sensor, input
40	238 (DG/YE)	Fuel pump relay, switched power, output
41	348 (VT)	A/C demand signal
42	—	not used
43	305 (LB/PK)	Message center switch, input
44	325 (DB/OG)	Starter relay, control
45	357 (YE/WH)	Powertrain Control Module (PCM) to, Generic Electronic Module (GEM)
46	1017 (BK/WH)	Check cap indicator lamp

Pin	Circuit	Circuit Function
47	360 (BN/PK)	EGR Vacuum Regulator (EVR), control
48	11 (TN/YE)	Tachometer
49	1145 (LB/BK)	Digital Transmission Range (DTR) sensor, TR2
50	1143 (WH/BK)	Digital Transmission Range (DTR) sensor, TR4
51	570 (BK/WH)	Ground
52	96 (TN/OG)	Ignition coil
53	971 (PK/BK)	Shift solenoid C
54	480 (VT/YE)	Torque Converter Clutch (TCC) solenoid
55	37 (YE)	Voltage supplied at all times (overload protected)
	785 (BK/LG)	Voltage supplied at all times (overload protected)
56	191 (LG/BK)	Powertrain Control Module (PCM), EVAP canister purge valve
57	310 (YE/RD)	Knock sensor
58	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
59	134 (GY/OG)	Powertrain Control Module (PCM) – Intermediate Shaft Speed (ISS) sensor
60	74 (GY/LB)	Heated Oxygen Sensor (HO2S) #11, input
61	393 (VT/LG)	Heated Oxygen Sensor (HO2S) #22, input
62	791 (RD/PK)	Fuel tank pressure transducer sensor
63	–	not used
64	199 (LB/YE)	Digital Transmission Range (DTR) sensor, TR3A
65	352 (BN/LG)	Differential Pressure Feedback EGR (DPFE) sensor, input
66	–	not used
67	91 (VT/WH)	Canister vent
68	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
69	331 (PK/YE)	A/C clutch relay, control
70	–	not used
71	361 (RD)	Voltage supplied in Start and Run (overload protected)
72	–	not used
73	559 (TN/BK)	Fuel injector 5, control
74	557 (BN/YE)	Fuel injector 3, control
75	555 (TN)	Fuel injector 1, control

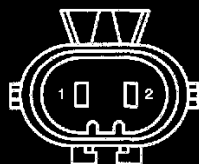
Pin	Circuit	Circuit Function
76	570 (BK/WH)	Ground
77	570 (BK/WH)	Ground
78	97 (TN/LG)	Ignition coil
79	911 (WH/LG)	Transmission Control Indicator Lamp (TCIL)
80	926 (LB/OG)	Fuel pump relay, control
81	925 (WH/YE)	Electronic Pressure Control (EPC) solenoid
82	1017 (BK/WH)	Check cap indicator lamp
83	264 (WH/LB)	Idle air control valve (IAC), control
84	970 (DG/WH)	Turbine shaft speed (TSS) sensor, Early production
	136 (DB/YE)	Powertrain Control Module (PCM) – Output shaft speed sensor (OSS), Late production
85	282 (DB/OG)	Camshaft position sensor, input
86	347 (BK/YE)	A/C clutch relay, switched output
87	94 (RD/BK)	Heated Oxygen Sensor (HO2S) #21, input
88	967 (LB/RD)	Mass Air Flow (MAF) sensor, output
89	355 (GY/WH)	Throttle Position Sensor (TPS), input
90	351 (BN/WH)	Reference, voltage
91	359 (GY/RD)	signal, return
92	810 (RD/LG)	Brake pedal position switch, input
93	387 (RD/WH)	Heated Oxygen Sensor (HO2S) #11, heater
94	388 (YE/LB)	Heated Oxygen Sensor (HO2S) #21, heater
95	389 (WH/BK)	Heated Oxygen Sensor (HO2S) #12, heater
96	390 (TN/YE)	Heated Oxygen Sensor (HO2S) #22, heater
97	361 (RD)	Voltage supplied in Start and Run (overload protected)
98	–	not used
99	560 (LG/OG)	Fuel injector 6, control
100	558 (BN/LB)	Fuel injector 4, control
101	556 (WH)	Fuel injector 2, control
102	–	not used
103	570 (BK/WH)	Ground
104	–	not used

Part 2

C152

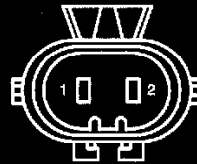
14290
14398

E43
Fog lamp, left front



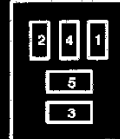
F02245

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	478 (TN/OG)	Fog lamp switch, to front fog lamp

C162**14290**
14398E42
Fog lamp, right front

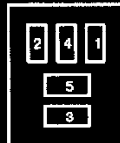
F02245

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	478 (TN/OG)	Fog lamp switch, to front fog lamp

C1007**14398**K26
Fog lamp relay

F05064

Pin	Circuit	Circuit Function
1	477 (LB/BK)	Fog lamp switch, to front fog lamp, Relay
2	474 (LG/OG)	Fog lamp relay, control
3	1347 (DB/WH)	Voltage supplied at all times (overload protected)
4	—	not used
5	478 (TN/OG)	Fog lamp switch, to front fog lamp

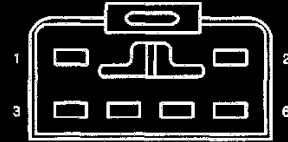
C1038**14398**K337
Fog lamp isolation relay

F05064

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	12 (LG/BK)	Power, Hot with High Beams on
3	1032 (WH/BK)	Power, Exterior lamps
4	474 (LG/OG)	Fog lamp relay, control
5	—	not used

C240 (GV)**14401**

N114
Fog lamp switch



F06086

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	477 (LB/BK)	Fog lamp switch, to front fog lamp, Relay
4	57 (BK)	Ground
5	235 (RD/BK)	Instrument illumination, input
6	478 (TN/OG)	Fog lamp switch, to front fog lamp

C181**12B637**

Y108
Injector 1

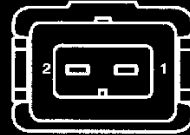


F02089

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

C182**12B637**

Y109
Injector 2

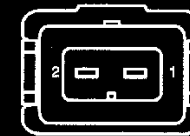


F02089

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

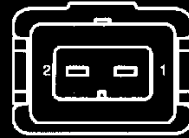
C183**12B637**

Y110
Injector 3



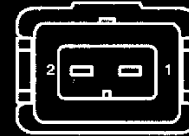
F02089

Pin	Circuit	Circuit Function
1	557 (BN/YE)	Fuel injector 3, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

C184**12B637**Y111
Injector 4

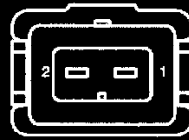
F02089

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

C185**12B637**Y112
Injector 5

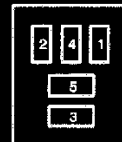
F02089

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

C186**12B637**Y113
Injector 6

F02089

Pin	Circuit	Circuit Function
1	560 (LG/OG)	Fuel injector 6, control
2	361 (RD)	Voltage supplied in Start and Run (overload protected)

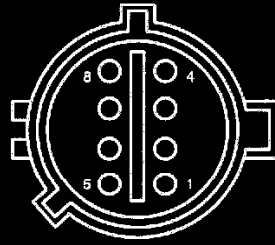
C1051**14290**
14398K4
Fuel pump relay

F05064

Pin	Circuit	Circuit Function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	926 (LB/OG)	Fuel pump relay, control
3	1059 (LB/OG)	Voltage supplied at all times (overload protected)
4	—	not used
5	238 (DG/YE)	Fuel pump relay, switched power, output

C433 (BK)**14405**

A31
Fuel tank unit

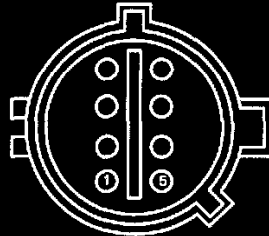


F08052

Pin	Circuit	Circuit Function
1	351 (BN/WH)	Reference, voltage
2	791 (RD/PK)	Fuel tank pressure transducer sensor
3	359 (GY/RD)	signal, return
4	—	not used
5	570 (BK/WH)	Ground
6	787 (PK/BK)	Fuel pump, Power
7	57 (BK)	Ground
8	29 (YE/WH)	Fuel pump/fuel gauge sender

C4033 (GY)**14405**

A31
Fuel tank unit



F08048

Pin	Circuit	Circuit Function
1	351 (BN/WH)	Reference, voltage
2	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	787 (PK/BK)	Fuel pump, Power
4	570 (BK/WH)	Ground
5	791 (RD/PK)	Fuel tank pressure transducer sensor
6	359 (GY/RD)	signal, return
7	57 (BK)	Ground
8	29 (YE/WH)	Fuel pump/fuel gauge sender

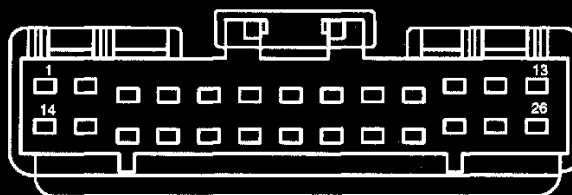
C1035**14A280**

P93
Battery Junction
Box (BJB)



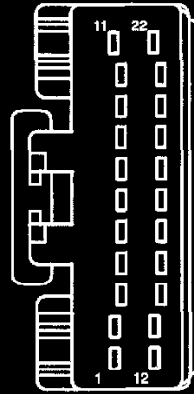
F02347

Pin	Circuit	Circuit Function
1	2037 (RD)	Battery cable +

C274a**14A005****14A488**A262
Central security
module

P26014

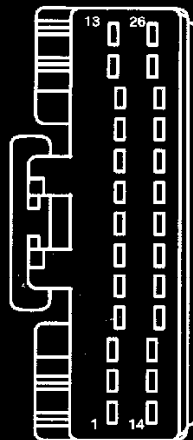
Pin	Circuit	Circuit Function
1	163 (RD/OG)	Driver door unlock relay, switched power
2	—	not used
3	70 (LB/WH)	ISO Bus
4	—	not used
5	78 (LB/YE)	Key pad common
6	79 (LG/RD)	Key pad common
7	—	not used
8	—	not used
9	—	not used
10	6 (YE/LG)	Horn relay, switched power, output
11	999 (LB/WH)	GEM/Central security module door ajar, signal
12	140 (BK/PK)	Voltage supplied in reverse
13	—	not used
14	—	not used
15	124 (BN)	Key pad common
16	—	not used
17	—	not used
18	—	not used
19	121 (YE/BK)	Key pad common
20	—	not used
21	—	not used
22	—	not used
23	—	not used
24	—	not used
25	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
26	810 (RD/LG)	Brake pedal position switch, input

C274b**14A005
14A488**A262
Central security
module

F22017

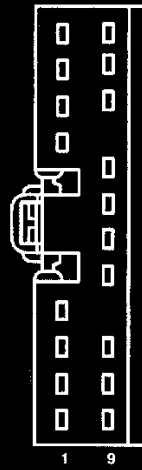
Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	218 (WH/VT)	Park lamp relay, control
4	—	not used
5	—	not used
6	—	not used
7	—	not used
8	—	not used
9	120 (PK/LG)	Door unlock, switch, input
10	1013 (BN/LG)	GEM/Central security module illumination, signal
11	118 (PK/OG)	Door unlock, output
12	171 (BK/WH)	Voltage supplied at all times (overload protected)
13	651 (BK/YE)	Ground
14	—	not used
15	66 (LB)	Key pad common
16	—	not used
17	119 (PK/YE)	Door lock, switch, input
18	—	not used
19	—	not used
20	—	not used
21	—	not used
22	117 (PK/BK)	Door lock, output

Generic Electronic Module

C201a (GY)**14401**A112
Generic Electronic
Module (GEM)

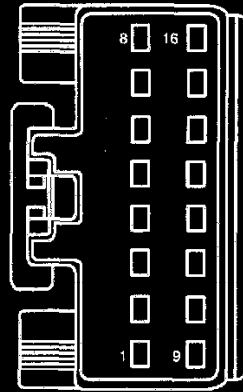
F26015

Pin	Circuit	Circuit Function
1	1010 (DB/OG)	Rear window defrost switch, input
2	—	not used
3	—	not used
4	700 (WH/VT)	Liftgate ajar switch
5	—	not used
6	—	not used
7	761 (GY/RD)	Door ajar switch, right front
8	765 (YE/BK)	Door ajar switch, left front
9	627 (BK/OG)	Door ajar indicator, control
10	158 (BK/PK)	Key warning switch, input
11	14 (BN)	Power, Exterior lamps
	1032 (WH/BK)	Trailer tow relay, feed
12	871 (YE)	Safety belt indicator, control
13	680 (LB/OG)	Wiper/washer, delay input
14	570 (BK/WH)	Ground
15	671 (LB)	Wiper run/park relay, switched output
16	—	not used
17	—	not used
18	647 (GY/LB)	Wiper high/low relay, control
19	646 (YE/WH)	Wiper run/park relay, control
20	1083 (LB/BK)	Air bag, tone driver
21	1302 (WH/LG)	Multifunction switch, Signal return
22	684 (PK/YE)	Wiper/washer, input
23	85 (BN/LB)	Safety belt buckle switch, input
24	686 (TN/RD)	Washer motor relay, control
25	70 (LB/WH)	ISO Bus
26	570 (BK/WH)	Ground

C201b (GY)**14401**A112
Generic Electronic
Module (GEM)

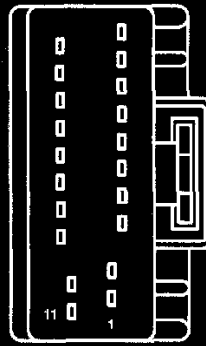
F18011

Pin	Circuit	Circuit Function
1	—	not used
2	996 (OG/WH)	Window motor, feed, Down
3	991 (TN/LB)	Master window adjust switch, feed, Down
4	—	not used
5	—	not used
6	1003 (GY/YE)	Voltage in Run (overload protected)
7	1007 (YE/RD)	Generic Electronic Module (GEM) to, One-touch window relay - output
8	1005 (VT/OG)	Generic Electronic Module (GEM) to, Battery saver relay - output
9	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
10	995 (GY)	Window motor, feed, Down
11	1001 (WH/YE)	Voltage supplied at all times (overload protected)
12	1008 (LG/OG)	Interior lamp relay, control
13	—	not used
14	1000 (RD/BK)	Voltage supplied in Start (overload protected)
15	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
16	1009 (OG/YE)	Rear window defrost relay, control
17	—	not used
18	57 (BK)	Ground

C201c (GY)**14401**A112
Generic Electronic
Module (GEM)

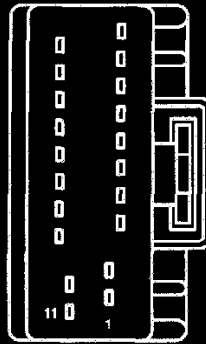
F16073

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	999 (LB/WH)	GEM/RAP door ajar, signal
4	587 (VT/YE)	Liftgate wiper motor, input
5	—	not used
6	—	not used
7	—	not used
8	591 (LG)	Rear window wiper raise relay, output
9	1013 (BN/LG)	GEM/RAP illumination, signal
10	592 (TN)	Rear window wiper lower relay, output
11	—	not used
12	485 (PK/BK)	Rear window wiper/washer switch, input
13	—	not used
14	—	not used
15	—	not used
16	—	not used

C2100a**14401**A112
Generic Electronic
Module (GEM)

F20020

Pin	Circuit	Circuit Function
1	1001 (WH/YE)	Voltage supplied at all times (overload protected)
2	570 (BK/WH)	Ground
3	70 (LB/WH)	ISO Bus
4	587 (VT/YE)	Liftgate wiper motor, input
5	85 (BN/LB)	Safety belt buckle switch, input
6	591 (LG)	Rear window wiper raise relay, output
7	592 (TN)	Rear window wiper lower relay, output
8	1009 (OG/YE)	Rear window defrost relay, control
9	684 (PK/YE)	Wiper/washer, input
10	680 (LB/OG)	Wiper/washer, delay input
11	995 (GY)	Window motor, feed, Down
12	996 (OG/WH)	Window motor, feed, Down
13	1010 (DB/OG)	Rear window defrost switch, input
14	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
15	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
16	-	not used
17	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
18	158 (BK/PK)	Key warning switch, input
19	485 (PK/BK)	Rear window wiper/washer switch, input
20	1302 (WH/LG)	Multifunction switch, Signal return

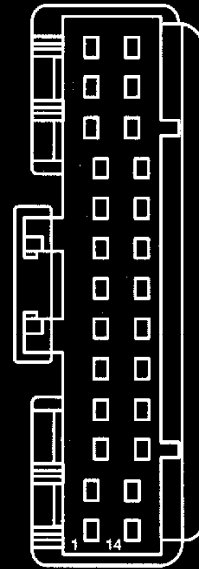
C2100b**14401**A112
Generic Electronic
Module (GEM)

F20020

Pin	Circuit	Circuit Function
1	999 (LB/WH)	GEM/Central security module door ajar, signal
2	671 (LB)	Wiper run/park relay, switched output
3	627 (BK/OG)	Door ajar indicator, control
4	646 (YE/WH)	Wiper run/park relay, control
5	647 (GY/LB)	Wiper high/low relay, control
6	871 (YE)	Safety belt indicator, control
7	1008 (LG/OG)	Interior lamp relay, control
8	1005 (VT/OG)	Generic Electronic Module (GEM), to, Battery saver relay - output
9	1007 (YE/RD)	Generic Electronic Module (GEM), to, One-touch window relay - output
10	686 (TN/RD)	Washer motor relay, control
11	991 (TN/LB)	Master window adjust switch, feed, Down
12	992 (WH/BK)	Master window adjust switch, feed, Up
13	765 (YE/BK)	Door ajar switch, left front
14	761 (GY/RD)	Door ajar switch, right front
15	-	not used
16	-	not used
17	700 (WH/VT)	Liftgate ajar switch
18	1032 (WH/BK)	Trailer tow relay, feed
	14 (BN)	Power, Exterior lamps
19	1083 (LB/BK)	Air bag, tone driver
20	1013 (BN/LG)	GEM/Central security module door ajar, Exterior lamps

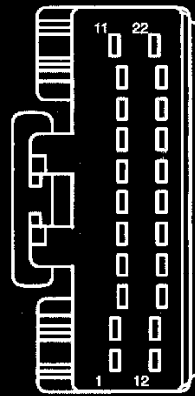
Remote Anti-Theft Personality Module

Vehicles Built BEFORE 7/24/2000

C309a**14A005
14A488**A256
Remote Anti-theft
Personality (RAP)
module

F26014

Pin	Circuit	Circuit Function
1	129 (LG)	Driver door unlock relay, output
2	—	not used
3	70 (LB/WH)	ISO Bus
4	—	not used
5	78 (LB/YE)	Key pad button 1/2, output
6	79 (LG/RD)	Key pad button 3/4, output
7	122 (YE)	Key pad button 7/8, output
8	123 (RD)	Key pad button 9/0, output
9	—	not used
10	—	not used
11	999 (LB/WH)	GEM/RAP door ajar, signal
12	140 (BK/PK)	Voltage supplied in reverse
13	—	not used
14	—	not used
15	124 (BN)	Key pad common
16	—	not used
17	—	not used
18	—	not used
19	121 (YE/BK)	Key pad button 5/6, output
20	—	not used
21	—	not used
22	—	not used
23	—	not used
24	1090 (TN/LB)	Remote keyless entry, jumper
25	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
26	810 (RD/LG)	Brake pedal position switch, input

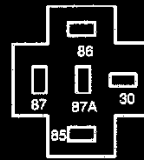
C309b**14A005**
14A488A256
Remote Anti-theft
Personality (RAP)
module

F22017

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	—	not used
4	—	not used
5	—	not used
6	—	not used
7	—	not used
8	218 (WH/VT)	Park lamp relay, control
9	—	not used
10	1013 (BN/LG)	GEM/RAP illumination, signal
11	120 (PK/LG)	Door unlock relay, control
12	171 (BK/WH)	Voltage supplied at all times (overload protected)
13	1090 (TN/LB)	Remote keyless entry, jumper
14	570 (BK/WH)	Ground
15	66 (LB)	Key pad illumination
16	—	not used
17	—	not used
18	—	not used
19	—	not used
20	6 (YE/LG)	Horn relay, switched power, output
21	—	not used
22	119 (PK/YE)	Door lock relay, control

C2047**14401**

K2
Indicator flasher
relay

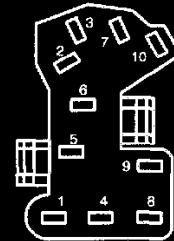


F05016

Pin	Circuit	Circuit Function
87	44 (LB)	Turn signal flasher to turn signal switch
87A	385 (WH/RD)	Voltage supplied at all times (overload protected)
85	383 (RD/WH)	Emergency warning flasher, feed
86	570 (BK/WH)	Ground
30	8 (OG/YE)	Turn signal flasher, feed

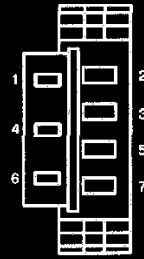
C202a (GY)**14A320**

N442
Multifunction switch



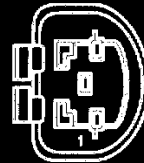
F10030

Pin	Circuit	Circuit Function
1	44 (LB)	Turn signal flasher, to turn signal switch
2	378 (BN/YE)	Trailer tow connector, output
3	—	not used
4	385 (WH/RD)	Voltage supplied at all times (overload protected)
5	2 (WH/LB)	Turn lamps, feed, right front
6	—	not used
7	—	not used
8	3 (LG/WH)	Turn lamps, feed, left front
9	511 (LG)	Brake pedal position switch, to stoplamps
10	374 (DB/WH)	Trailer tow connector, output

C202b (GY)**14A320**N442
Multifunction switch

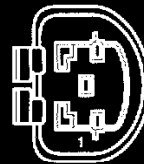
F07051

Pin	Circuit	Circuit Function
1	684 (PK/YE)	Wiper/washer, input
2	15 (RD/YE)	Power, Hot with Headlamps on
3	13 (RD/BK)	Power, Hot with Low Beams on
4	359 (GY/RD)	signal, return
5	632 (GY/OG)	Power, Hot with High Beams on
6	680 (LB/OG)	Wiper/washer, delay input
7	196 (DB/OG)	Voltage supplied at all times (overload protected)

C1041**14290**
14398E7
Headlamp, right

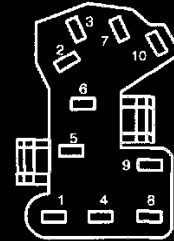
F03169

Pin	Circuit	Circuit Function
1	12 (LG/BK)	Power, Hot with High Beams on
2	57 (BK)	Ground
3	1056 (DB/LG)	Headlamp, right - fused feed

C1021**14290**
14398E1
Headlamp, left

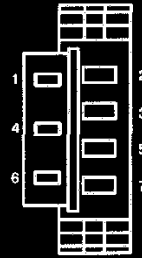
F03169

Pin	Circuit	Circuit Function
1	12 (LG/BK)	Power, Hot with High Beams on
2	57 (BK)	Ground
3	1055 (WH/LG)	Headlamp, left - fused feed

C202a (GY)**14A320**N442
Multifunction switch

F10030

Pin	Circuit	Circuit Function
1	44 (LB)	Turn signal flasher, to turn signal switch
2	378 (BN/YE)	Trailer tow connector, output
3	—	not used
4	385 (WH/RD)	Voltage supplied at all times (overload protected)
5	2 (WH/LB)	Turn lamps, feed, right front
6	—	not used
7	—	not used
8	3 (LG/WH)	Turn lamps, feed, left front
9	511 (LG)	Brake pedal position switch, to stoplamps
10	374 (DB/WH)	Trailer tow connector, output

C202b (GY)**14A320**N442
Multifunction switch

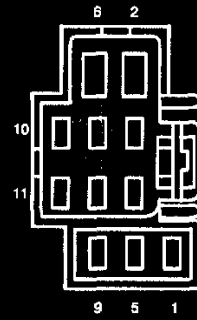
F07051

Pin	Circuit	Circuit Function
1	684 (PK/YE)	Wiper/washer, input
2	15 (RD/YE)	Power, Hot with Headlamps on
3	13 (RD/BK)	Power, Hot with Low Beams on
4	359 (GY/RD)	signal, return
5	632 (GY/OG)	Power, Hot with High Beams on
6	680 (LB/OG)	Wiper/washer, delay input
7	196 (DB/OG)	Voltage supplied at all times (overload protected)

C205**14401**

N113

Main light switch



F11023

Pin	Circuit	Circuit Function
1	—	not used
2	15 (RD/YE)	Power, Hot with Headlamps on
3	1032 (WH/BK)	Trailer tow relay, feed
4	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
5	195 (TN/WH)	Voltage supplied at all times (overload protected)
6	196 (DB/OG)	Voltage supplied at all times (overload protected)
7	57 (BK)	Ground
8	484 (OG/BK)	Headlamp switch, on input
9	235 (RD/BK)	Instrument illumination, input
10	—	not used
11	—	not used

C402a**18C673**

R19

Rear window defrost
grid

F01029

Pin	Circuit	Circuit Function
1	185 (BK)	Voltage supplied at all times (overload protected)

C402b**18C620**

R19

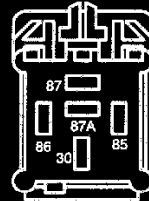
Rear window defrost
grid

F01029

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C2021**14401**

K1
Rear window defrost
relay

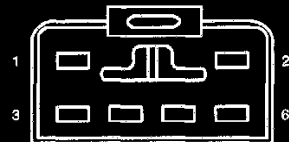


F05062

Pin	Circuit	Circuit Function
87	186 (BN/LB)	Rear window defrost relay, switched power
87A	—	not used
85	298 (VT/OG)	Voltage in Run (overload protected)
86	1009 (OG/YE)	Rear window defrost relay, control
30	175 (BK/YE)	Voltage supplied at all times (overload protected)

C241**14401**

N10
Rear window defrost
switch

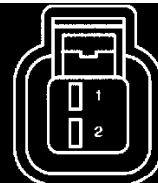


F06088

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	1010 (DB/OG)	Rear window defrost switch, input
4	57 (BK)	Ground
5	235 (RD/BK)	Instrument illumination, input
6	59 (DG/VT)	Fused rear window defrost relay, switched power

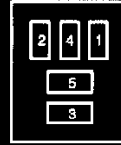
C131**14290
14398**

H1
Horn



F02069

Pin	Circuit	Circuit Function
1	1 (DB)	Horn relay, control
2	57 (BK)	Ground

C1006**14290**
14398K33
Horn relay

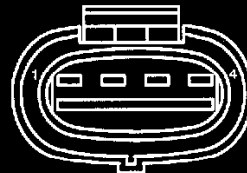
F05084

Pin	Circuit	Circuit Function
1	6 (YE/LG)	Horn relay, switched power, output
2	460 (YE/LB)	Voltage supplied at all times (overload protected)
3	460 (YE/LB)	Voltage supplied at all times (overload protected)
4	—	not used
5	1 (DB)	Horn relay, control

C1066**12B637**Y133
Idle air control valve
(IAC)

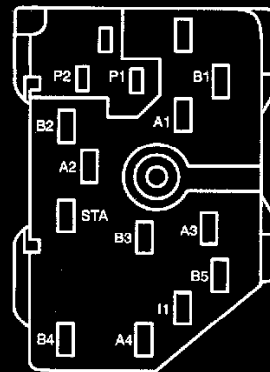
F02091

Pin	Circuit	Circuit Function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)
2	264 (WH/LB)	Idle air control valve (IAC), control

C1065**12B637**T1
Ignition coil

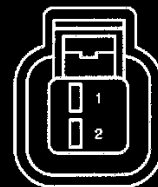
F04215

Pin	Circuit	Circuit Function
1	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)
2	96 (TN/OG)	Ignition coil
3	97 (TN/LG)	Ignition coil
4	95 (TN/WH)	Ignition coil

C250**14401**N278
Ignition switch

F15009

Pin	Circuit	Circuit Function
I2	—	not used
B1	37 (YE)	Voltage supplied at all times (overload protected)
A1	297 (BK/LG)	Voltage in Run or Accessory (overload protected)
P1	512 (TN/LG)	Brake indicator, control
GND	57 (BK)	Ground
P2	—	not used
B2	37 (YE)	Voltage supplied at all times (overload protected)
A2	276 (BN)	Voltage in Run (overload protected)
STA	32 (RD/LB)	Voltage supplied in Start (overload protected)
B3	—	not used
A3	—	not used
B5	37 (YE)	Voltage supplied at all times (overload protected)
I1	1050 (LG/VT)	Voltage supplied at all times (overload protected)
A4	276 (BN)	Voltage in Run (overload protected)
B4	37 (YE)	Voltage supplied at all times (overload protected)

C304**14A488**B118
Side air bag sensor,
right

F02069

Pin	Circuit	Circuit Function
1	1264 (BN)	Air bag - passenger side impact - crash sensor to module - return
2	1263 (WH)	Air bag - passenger side impact - crash sensor to module - feed

C305**14A488**B119
Side air bag sensor,
left

F02069

Pin	Circuit	Circuit Function
1	1262 (BN/LG)	Air bag - driver side impact - crash sensor to module - return
2	1261 (WH/LG)	Air bag - driver side impact - crash sensor to module - feed

C282 (GY)**14401**N316
Inertia Fuel Shutoff
(IFS) switch

F03032

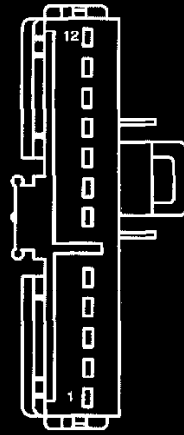
Pin	Circuit	Circuit Function
1	921 (GY/OG)	Inertia Fuel Shutoff (IFS) switch, Ground, input
2	787 (PK/BK)	Fuel pump, Power
3	238 (DG/YE)	Fuel pump relay, switched power, output

Instrument Cluster

C220a**14401**A30
Instrument cluster

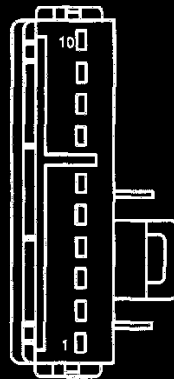
F16022

Pin	Circuit	Circuit Function
1	911 (WH/LG)	Transmission Control Indicator Lamp (TCIL)
2	784 (LB/BK)	Four-wheel drive, indicator, Low
3	783 (GY)	Four-wheel drive, indicator, High
4	203 (OG/LB)	Cruise set, indicator, control
5	484 (OG/BK)	Headlamp switch, on input
6	343 (DB/LG)	Anti-theft, indicator, input
7	57 (BK)	Instrument illumination, input
8	235 (RD/BK)	Front seats (power), input
9	—	not used
10	2 (WH/LB)	Turn lamps, feed, right front
11	627 (BK/OG)	Door ajar indicator, control
12	253 (DG/WH)	Oil pressure switch, input
13	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
14	—	not used
15	11 (TN/YE)	Tachometer
16	—	not used

C220b**14401**A30
Instrument cluster

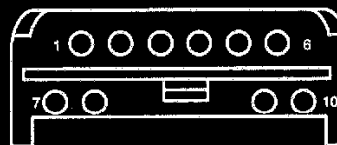
F12020

Pin	Circuit	Circuit Function
1	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
2	570 (BK/WH)	Ground
3	39 (RD/WH)	Engine Coolant Temperature (ECT) sender, input
4	235 (RD/BK)	Instrument illumination, input
5	3 (LG/WH)	Turn lamps, feed, left front
6	12 (LG/BK)	Power, Hot with High Beams on
7	57 (BK)	Ground
8	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
9	658 (PK/LG)	Malfunction Indicator Lamp (MIL), control
10	921 (GY/OG)	Inertia Fuel Shutoff (IFS) switch, Ground, input
	1017 (BK/WH)	Check cap indicator lamp
11	—	not used
12	29 (YE/WH)	Fuel pump/fuel gauge sender

C220c**14401**A30
Instrument cluster

F10024

Pin	Circuit	Circuit Function
1	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
2	584 (YE)	Voltage supplied in Start and Run (overload protected)
3	904 (LG/RD)	Generator/Battery indicator, control
4	608 (BK/YE)	Air bag indicator, control
5	977 (VT/WH)	Brake indicator, control
6	603 (DG)	Anti-lock brake indicator, control
7	1001 (WH/YE)	Voltage supplied at all times (overload protected)
8	398 (BK/YE)	Ground
9	—	not used
10	871 (YE)	Safety belt indicator, control

C930**14334**A143
Overhead console

F10009

Pin	Circuit	Circuit Function
1	—	not used
2	57 (BK)	Ground
3	1003 (GY/YE)	Voltage in Run (overload protected)
4	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
5	705 (LG/OG)	Battery saver relay, switched power
6	53 (BK/LB)	Interior lamp relay, switched power, output
7	—	not used
8	235 (RD/BK)	Instrument illumination, input
9	233 (DB/YE)	Ambient air temperature sensor, feed
10	234 (DB/WH)	Ambient air temperature sensor, return

Audible Warning Device Control Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

C2031a**14401**R42
Cigar lighter, front

F01069

Pin	Circuit	Circuit Function
1	40 (LB/WH)	Voltage supplied at all times (overload protected)

C2031b**14401**R42
Cigar lighter, front

F01041

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C526a**14631**N239
Door ajar switch,
driver side front

F01065

Pin	Circuit	Circuit Function
1	765 (YE/BK)	Door ajar switch, left front

C526b**14631**N239
Door ajar switch,
driver side front

F01067

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C715a**14633**N237
Door ajar switch,
driver side rear

F01065

Pin	Circuit	Circuit Function
1	759 (LG/YE)	Door ajar switch, left rear

C715b**14633**

N237
Door ajar switch,
driver side rear



F01067

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C602a**14630**

N240
Door ajar switch,
passenger side front



F01065

Pin	Circuit	Circuit Function
1	761 (GY/RD)	Door ajar switch, right front

C602b**14630**

N240
Door ajar switch,
passenger side front



F01067

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C820a**14632**

N238
Door ajar switch,
passenger side rear



F01065

Pin	Circuit	Circuit Function
1	760 (PK/LB)	Door ajar switch, right rear

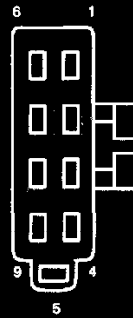
C820b**14632**

N238
Door ajar switch,
passenger side rear



F01067

Pin	Circuit	Circuit Function
1	57 (BK)	Ground

C206 (GY)**14401**A47
Instrument panel
dimming module

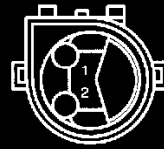
F09017

Pin	Circuit	Circuit Function
1	705 (LG/OG)	Battery saver relay, switched power
	705 (LG/OG)	Battery saver relay, switched power
2	402 (OG/LG)	Interior lamp relay, feed
3	53 (BK/LB)	Interior lamp relay, switched power, output
	53 (BK/LB)	Interior lamp relay, switched power, output
	55 (BK/PK)	Cargo lamp, output
	55 (BK/PK)	Cargo lamp, output
4	55 (BK/PK)	Cargo lamp, output
5	—	not used
6	14 (BN)	Power, Exterior lamps
	14 (BN)	Power, Exterior lamps
7	—	not used
8	235 (RD/BK)	Instrument illumination, input
9	570 (BK/WH)	Ground

C1061 (BN)**12B637**B227
Engine Coolant
Temperature (ECT)
sender

F02091

Pin	Circuit	Circuit Function
1	39 (RD/WH)	Engine Coolant Temperature (ECT) sender, input
2	570 (BK/WH)	Ground

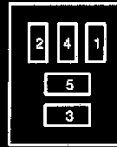
C132**14290**
14398B203
Ambient air temper-
ature sensor

F02004

Pin	Circuit	Circuit Function
1	233 (DB/YE)	Ambient air temperature sensor, feed
2	234 (DB/WH)	Ambient air temperature sensor, return

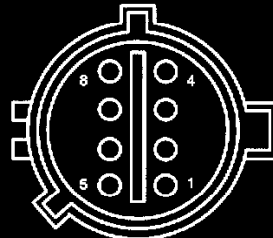
Interior Lighting Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

C2022**14401**K333
Interior lamps relay

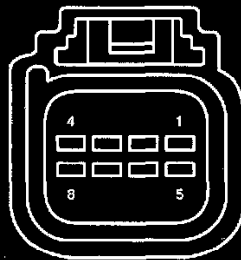
F05064

Pin	Circuit	Circuit Function
1	402 (OG/LG)	Interior lamp relay, feed
2	1008 (LG/OG)	GEM to interior lamp control
3	53 (BK/LB)	Interior lamp relay, switched power, output
4	—	not used
5	705 (LG/OG)	Battery saver relay, switched power

C500 (GN)**14631**A244
Key pad switch as-
sembly

F08052

Pin	Circuit	Circuit Function
1	123 (RD)	Key pad button 9/0, output
2	57 (BK)	Ground
3	78 (LB/YE)	Key pad button 1/2, output
4	79 (LG/RD)	Key pad button 3/4, output
5	121 (YE/BK)	Key pad button 5/6, output
6	122 (YE)	Key pad button 7/8, output
7	66 (LB)	Key pad illumination
8	124 (BN)	Key pad common

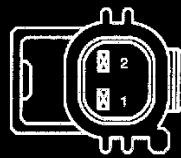
C530**14631**A244
Key pad switch as-
sembly

F08203

Pin	Circuit	Circuit Function
1	78 (LB/YE)	Key pad common
2	66 (LB)	Key pad common
3	79 (LG/RD)	Key pad common
4	—	not used
5	57 (BK)	Ground
6	124 (BN)	Key pad common
7	121 (YE/BK)	Key pad common
8	—	not used

Keyless Entry Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

C109**12B637**B45
Knock sensor

F02064

Pin	Circuit	Circuit Function
1	310 (YE/RD)	Knock sensor
2	311 (DG/VT)	Knock sensor

C450**14405**Y131
Evaporative emis-
sion (EVAP) canis-
ter vent valve

F02101

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	91 (VT/WH)	Canister vent

C452 (GY)**14A583**E34
License plate lamp,
left

F02073

Pin	Circuit	Circuit Function
1	109 (VT/WH)	Voltage supplied at all times (overload protected)
	109 (VT/WH)	Voltage supplied at all times (overload protected)
2	57 (BK)	Ground

C454**14405**

E34
License plate lamp,
left



F02063

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

C462 (GY)**14A583**

E35
License plate lamp,
right



F02073

Pin	Circuit	Circuit Function
1	109 (VT/WH)	Voltage supplied at all times (overload protected)
2	57 (BK)	Ground

C464**14405**

E35
License plate lamp,
right

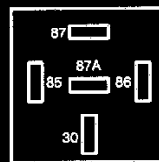


F02063

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

C1016**14290**
14398

K163
PCM power relay

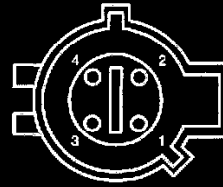


F05051

Pin	Circuit	Circuit Function
87	361 (RD)	Voltage supplied in Start and Run (overload protected)
87A	—	not used
86	570 (BK/WH)	Ground
85	546 (DG/YE)	Voltage supplied in Start and Run (overload protected)
30	554 (YE/BK)	Voltage supplied at all times (overload protected)

C520**14631**

M220
Exterior rear view
mirror, driver side

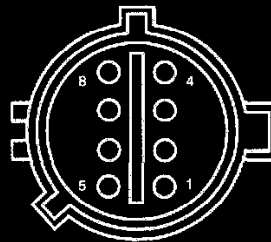


F04075

Pin	Circuit	Circuit Function
1	945 (YE/BK)	Mirror motor, feed
2	541 (DB/YE)	Up/Down mirror movement
3	—	not used
4	540 (RD)	Right/Left mirror movement

C521**14631**

M220
Exterior rear view
mirror, driver side

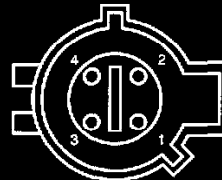


F08052

Pin	Circuit	Circuit Function
1	541 (DB)	Up/Down mirror movement
2	540 (RD)	Right/Left mirror movement
3	—	not used
4	—	not used
5	945 (YE/BK)	Mirror motor, feed
6	57 (BK)	Ground
7	55 (BK/PK)	Cargo lamp, output
8	—	not used

C601**14630**

M221
Exterior rear view
mirror, passenger
side

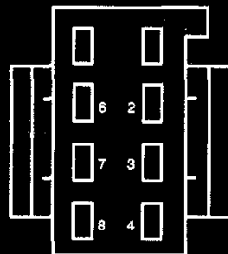


F04075

Pin	Circuit	Circuit Function
1	945 (YE/BK)	Mirror motor, feed
2	544 (VT)	Up/Down mirror movement
3	—	not used
4	543 (DG)	Voltage supplied at all times (overload protected)

C527**14631**

N409
Exterior rear view
mirror switch

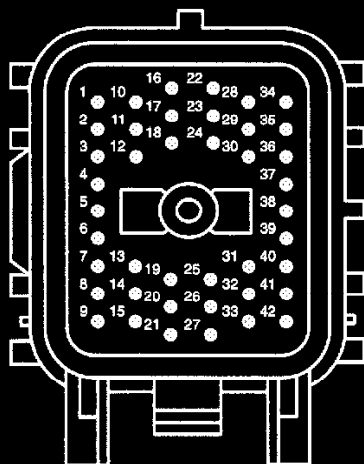


F08056

Pin	Circuit	Circuit Function
1	956 (OG/LG)	Voltage supplied at all times (overload protected)
2	-	not used
3	543 (DG)	Voltage supplied at all times (overload protected)
4	540 (RD)	Right/Left mirror movement
5	57 (BK)	Ground
6	945 (YE/BK)	Mirror motor, feed
	945 (YE/BK)	Mirror motor, feed
7	541 (DB)	Up/Down mirror movement
8	544 (VT)	Up/Down mirror movement

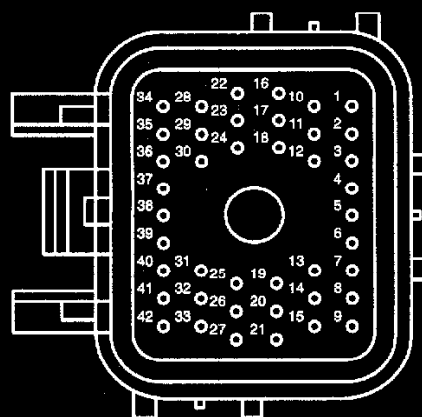
C110

14290
14398



F42001

12B637



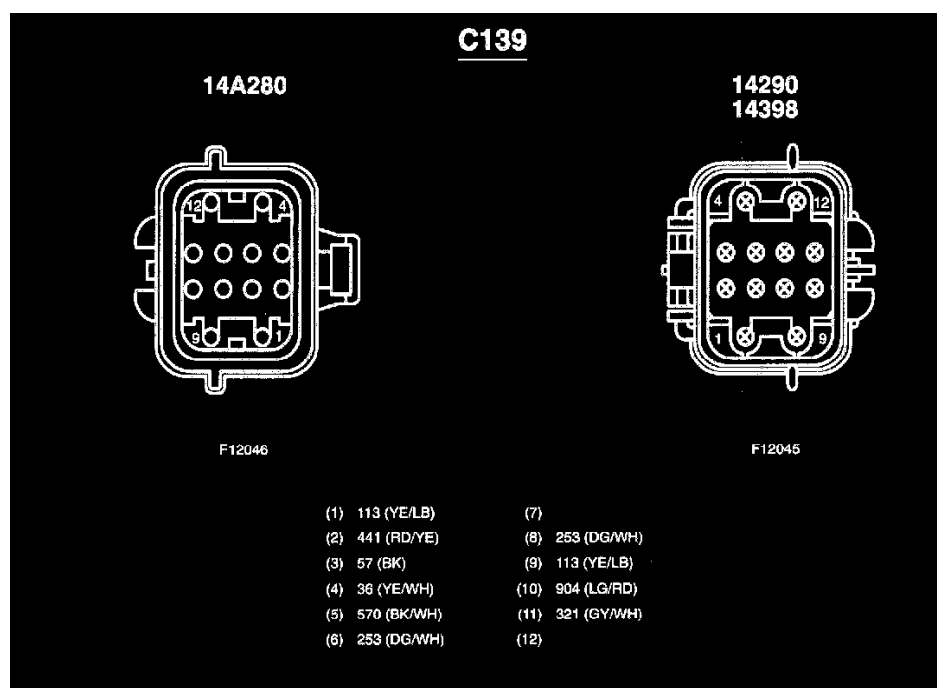
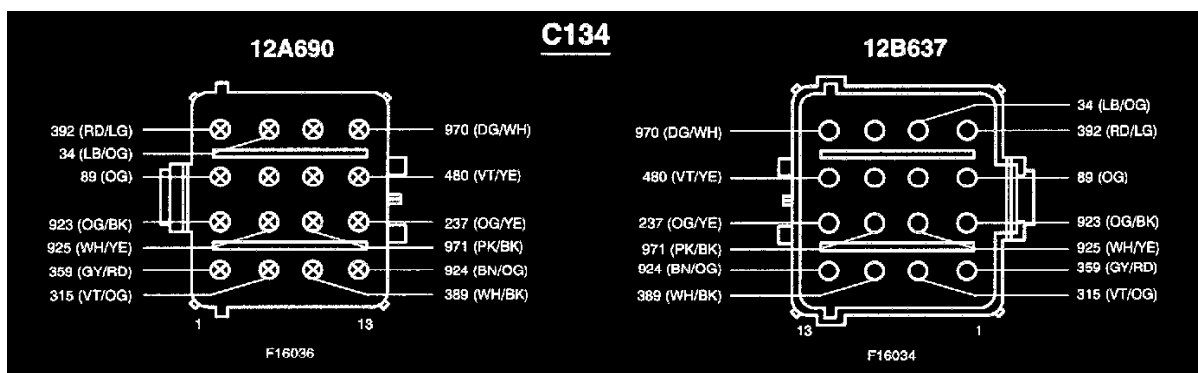
F42002

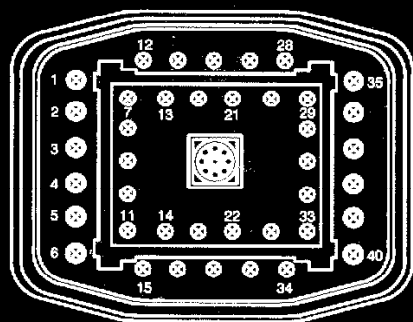
(1) 16 (RD/LG)
(2) 11 (TN/YE)
(3) 915 (PK/LB)
(4) 810 (RD/LG)
(5) 238 (DG/YE)
(6) 658 (PK/LG)
(7) 679 (GY/BK)
(8) 37 (YE)
785 (BK/LG)
(9) 361 (RD)
(10) 29 (YE/WH)
(11) 914 (TN/OG)
(12) 224 (TN/WH)

(13) 1215 (WH/LG)
(14) 91 (VT/WH)
(15) 926 (LB/OG)
(16) 39 (RD/WH)
(17) 791 (RD/PK)
(18) 359 (GY/RD)
(19) 351 (BN/WH)
(20) 199 (LB/YE)
(21) 140 (BK/PK)
(22) 107 (VT)
(23) 343 (DB/LG)
(24) 329 (PK)
1093 (TN/RD)

(19)
(20)
(21)
(22)
(23)
(24)
(25) 298 (VT/OG)
(26)
(27) 305 (LB/PK)
(28) 394 (OG/BK)
325 (DB/OG)
(29) 784 (LB/BK)
(30) 331 (PK/YE)

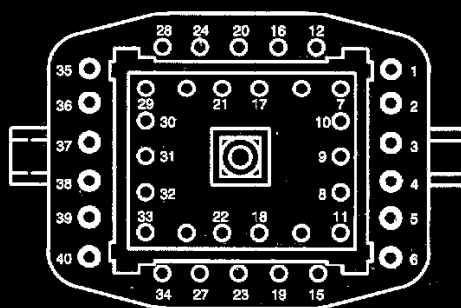
(31) 1093 (TN/RD)
(32) 1216 (GY/OG)
(33) 463 (RD/WH)
(34) 570 (BK/WH)
(35) 347 (BK/YE)
(36) 34 (LB/OG)
(37) 348 (VT)
(38) 357 (YE/WH)
483 (RD/WH)
(39) 191 (LG/BK)
(40) 911 (WH/LG)
(41) 904 (LG/RD)
1017 (BK/WH)
(42) 36 (YE/WH)



C144 (BN)**14290**
14398

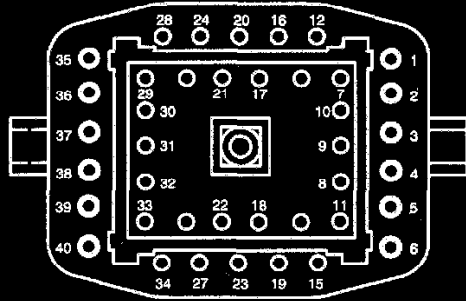
F40003

(1) 194 (PK)	(10) 477 (LB/BK)
400 (LB/BK)	463 (RD/WH)
(2) 591 (LG)	(11) 463 (RD/WH)
(3) 592 (TN)	764 (LB/BK)
704 (DG/LG)	(12) 343 (DB/LG)
(4) 704 (DG/LG)	(13) 512 (TN/LG)
218 (WH/PK)	477 (LB/BK)
592 (TN)	(14) 946 (VT/LG)
(5) 478 (TN/OG)	(15) 601 (LB/PK)
306 (TN/LB)	(16) 603 (DG)
(6) 175 (BK/YE)	(17) 571 (BK/OG)
687 (GY/YE)	(18) 784 (LB/BK)
(7) 519 (LG/BK)	306 (TN/LB)
1017 (BK/WH)	478 (TN/OG)
(8) 523 (RD/PK)	(19) 151 (LB/BK)
70 (LB/WH)	(20) 1003 (GY/YE)
(9) 478 (TN/OG)	(21) 203 (OG/LB)
233 (DB/YE)	1032 (WH/BK)

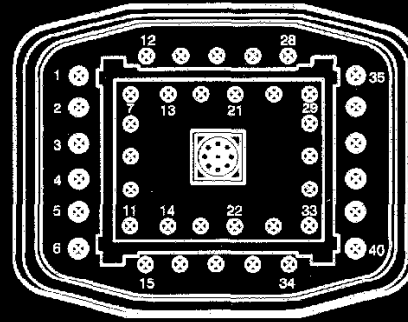
14401

F40002

(22) 603 (DG)	(32) 946 (VT/LG)
848 (DG/OG)	199 (LB/YE)
(23) 39 (RD/WH)	218 (WH/PK)
(24) 234 (TN/WH)	(33) 1032 (WH/BK)
(25) 325 (DB/OG)	1215 (WH/LG)
481 (GY/YE)	(34) 348 (VT)
(26) 848 (DG/OG)	1216 (GY/OG)
1032 (WH/BK)	(35) 12 (LG/BK)
(27) 233 (DB/YE)	(36) 10 (LG/RD)
348 (VT)	(37) 10 (LG/RD)
(28) 29 (YE/WH)	1002 (BK/PK)
(29) 39 (RD/WH)	410 (WH/OG)
523 (RD/PK)	(38) 410 (WH/OG)
(30) 70 (LB/WH)	1002 (BK/PK)
519 (LG/BK)	193 (YE/LG)
(31) 477 (LB/BK)	411 (BK/LB)
512 (TN/LG)	(39) 411 (BK/LB)
	193 (YE/LG)
	(40) 1052 (TN/BK)

C146 (GY)**14290**
14401

F40003

14290
14398

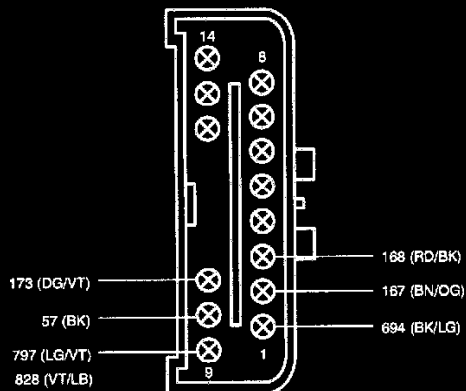
F40002

(1) 13 (RD/BK)
(2) 16 (RD/LG)
(3) 195 (TN/WH)
(4) 196 (DB/OG)
(5) 238 (DG/YE)
(6) 752 (YE/RD)
(7) 950 (WH/BK)
(8) 3 (LG/WH)
(9) 914 (TN/OG)
(10) 915 (PK/LB)
(11) 658 (PK/LG)
(12) 686 (TN/RD)

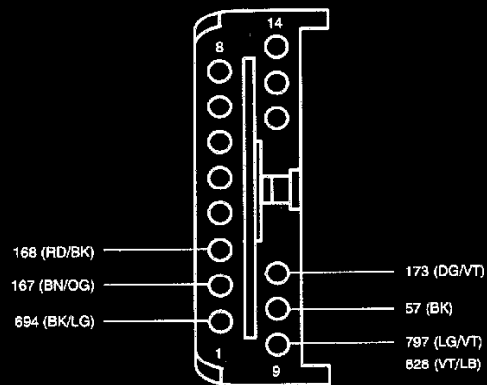
(13) 34 (LB/OG)
(14) 224 (TN/WH)
(15) 261 (OG/BK)
(16) 253 (DG/WH)
(17) 351 (BN/WH)
(18) 359 (GY/RD)
(19) 791 (RD/PK)
(20) 646 (YE/WH)
(21) 647 (GY/LB)
(22) 107 (VT)
(23) 2 (WH/LB)
2 (WH/LB)

(24) 162 (LG/RD)
977 (VT/WH)
(25) 6 (YE/LG)
(26) 11 (TN/YE)
(27) 14 (BN)
(28) 140 (BK/PK)
140 (BK/PK)
(29) 911 (WH/LG)
(30) 810 (RD/LG)
(31) 329 (PK)
(32) 679 (GY/PK)

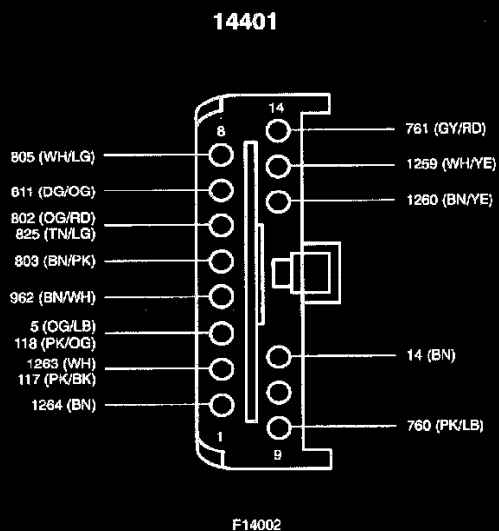
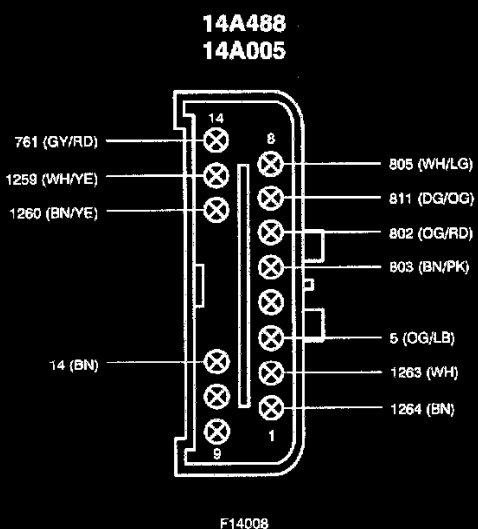
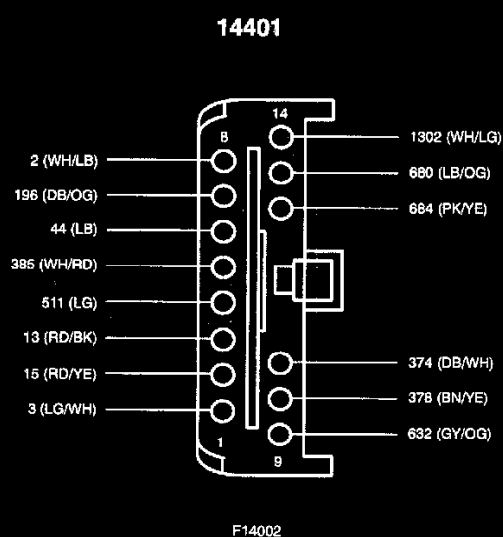
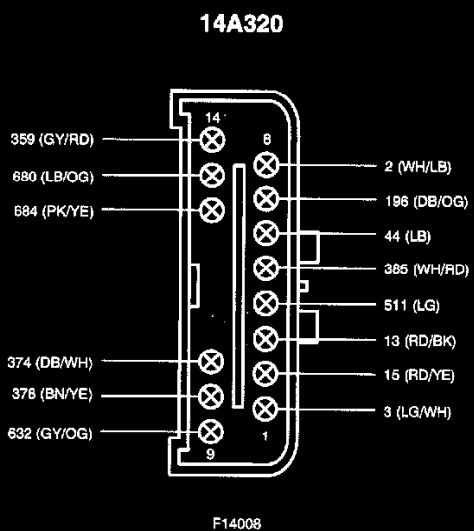
(33) 904 (LG/RD)
(34) 91 (VT/WH)
(35) 260 (RD/OG)
(36) 298 (VT/OG)
(37) 37 (YE)
(38) 63 (RD)
(39) 671 (LB)
(40) 754 (LG/WH)

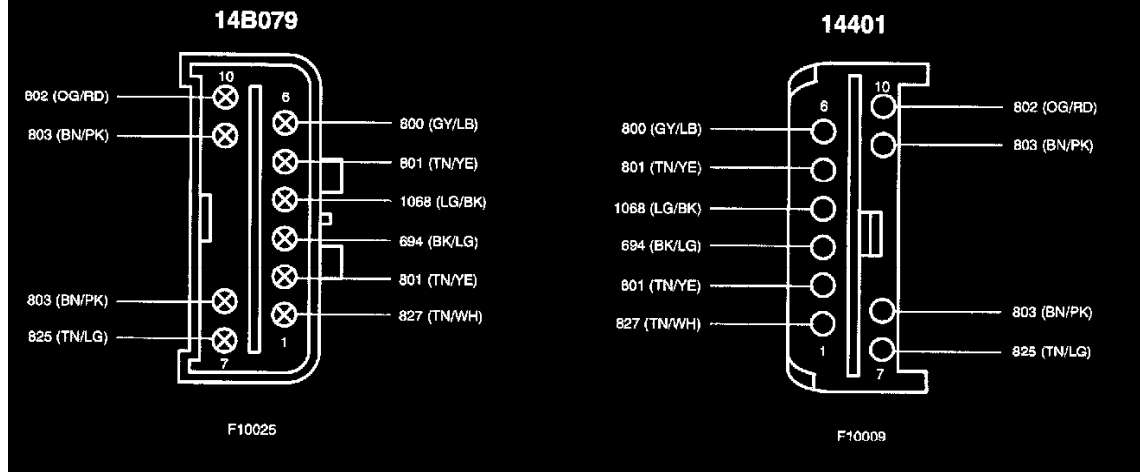
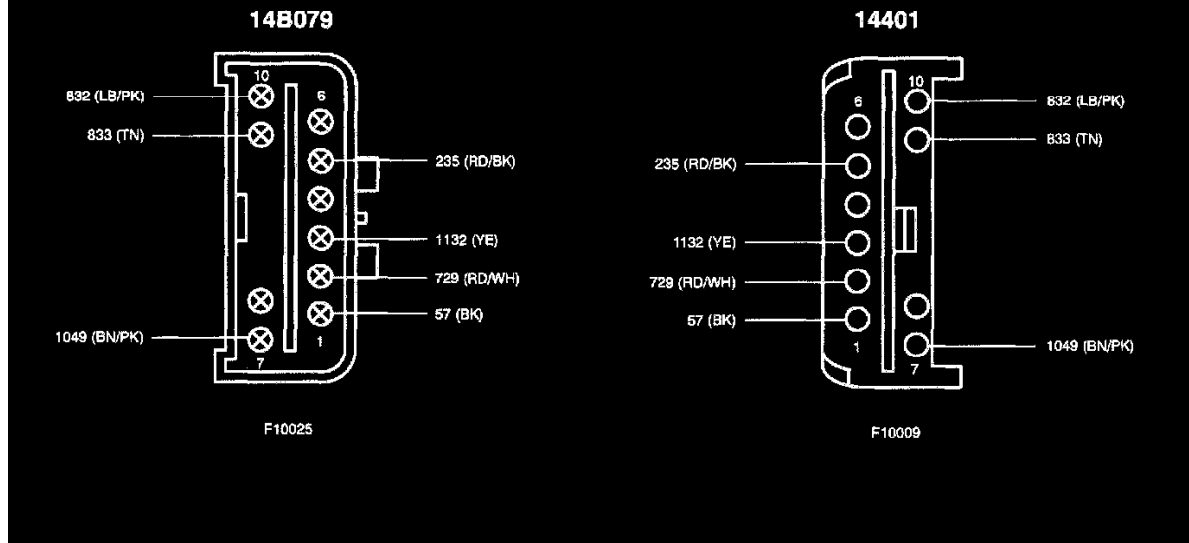
C210**14401**

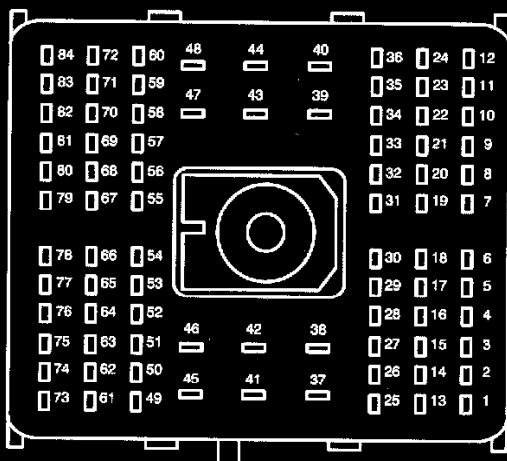
F14008

18B864

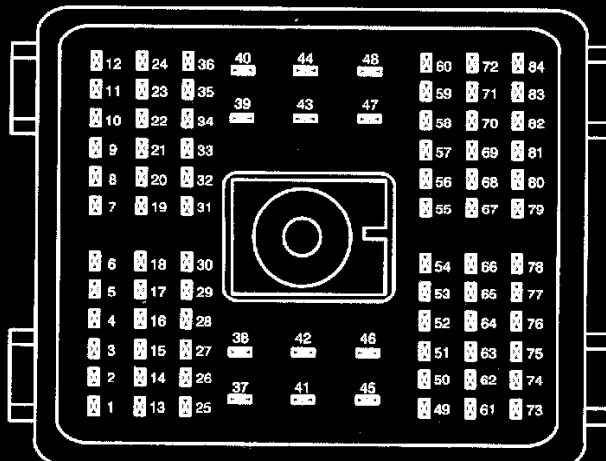
F14002

C211 (GY)**C212** (GY)

C213**C214**

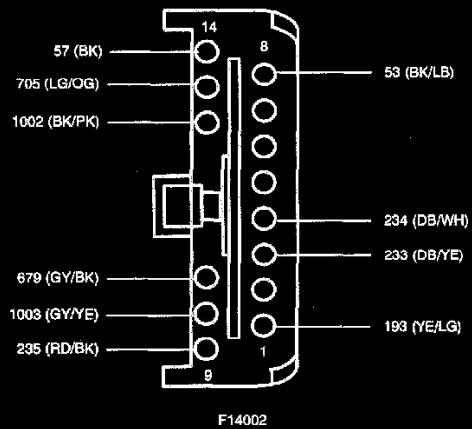
C215 (GY)**14401**

F84001

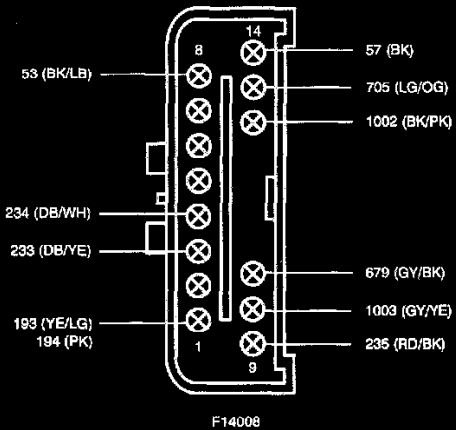
14A488

F84002

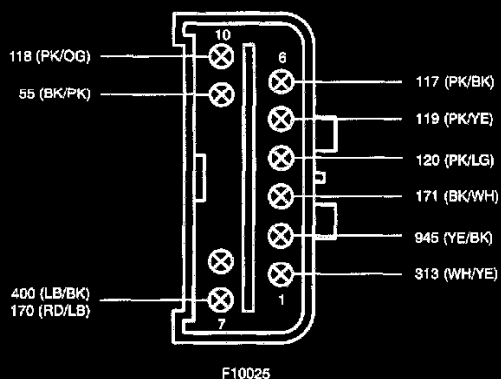
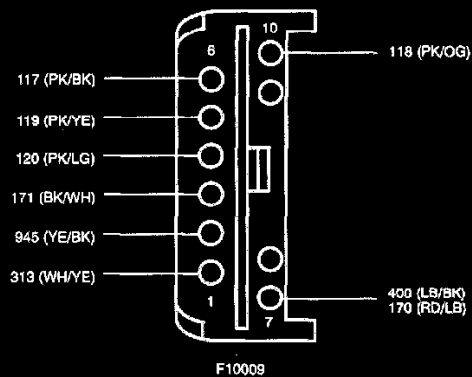
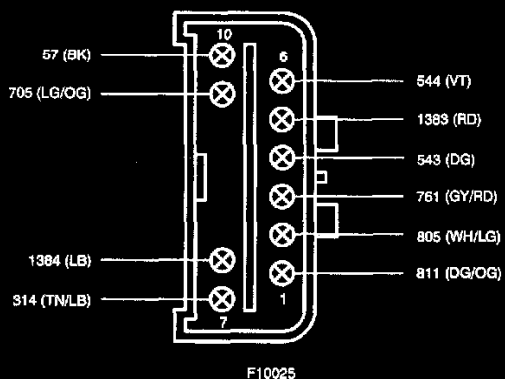
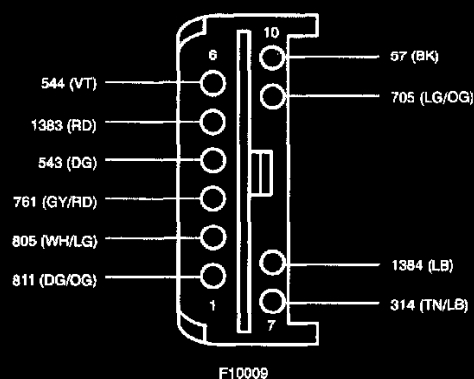
(1) 771 (VT/YE)	(23) 235 (RD/BK)	(44) 183 (RD/OG)	(65) 64 (DG)
(2) 762 (YE/WH)	(24) 85 (BN/LB)	117 (PK/BK)	(66)
(3) 570 (BK/WH)	(25) 764 (BN/WH)	(45) 787 (PK/BK)	(67) 411 (BK/LB)
(4) 1258 (BN/LB)	(26) 1257 (WH/LB)	(46) 962 (BN/WH)	405 (VT/LB)
(5) 523 (RD/PK)	(27)	992 (WH/BK)	(68)
(6) 765 (YE/BK)	(28) 1262 (BN/LG)	(47) 981 (TN/LB)	(69)
(7) 53 (BK/LB)	(29)	(48) 903 (RD)	(70) 573 (BK/OG)
(8) 800 (GY/LB)	(30) 57 (BK)	(49) 29 (YE/WH)	(71) 705 (LG/OG)
827 (TN/WH)	(31) 804 (OG/LG)	(50) 78 (LB/YE)	(72) 233 (DB/YE)
(9)	(32)	(51) 66 (LB)	(73) 34 (LB/OG)
(10)	(33)	(52) 55 (BK/PK)	(74) 791 (RD/PK)
(11) 810 (RD/LG)	(34) 70 (LB/WH)	(53) 91 (VT/WH)	(75) 361 (BN/WH)
640 (RD/YE)	(35) 129 (LG)	(54) 6 (YE/LG)	(76) 182 (LG/RD)
(12) 956 (OG/LG)	(36) 195 (TN/WH)	79 (LB/RD)	(77) 52 (YE)
(13) 770 (WH)	218 (WH/VT)	(55) 700 (WH/VT)	(78) 140 (BK/PK)
(14) 763 (OG/WH)	(37) 186 (BN/LB)	407 (TN/BK)	(79) 410 (WH/OG)
(15)	687 (GY/YE)	(56) 988 (LB/WH)	404 (VT/LG)
(16) 1261 (WH/LG)	(38) 777 (YE)	124 (BN)	(80) 1002 (BK/PK)
(17) 519 (LG/BK)	(39) 517 (BK/WH)	(57) 5 (OG/LB)	(81) 14 (BN)
(18)	(40) 171 (BK/WH)	(58) 9 (LG/OG)	(82) 587 (VT/YE)
(19) 813 (LB/WH)	163 (RD/OG)	(59) 511 (LG)	759 (LG/YE)
(20) 801 (TN/YE)	(41) 778 (OG)	(60) 1003 (GY/YE)	(83) 234 (DB/WH)
(21) 679 (GY/BK)	(42) 194 (PK)	(61) 119 (PK/YE)	(84) 1013 (BN/LG)
(22)	193 (YE/LG)	(62) 359 (GY/RD)	121 (YE/BK)
	(43) 400 (LB/BK)	(63) 120 (RD/OG)	
		(64)	

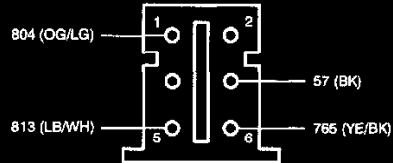
C219**14334**

F14002

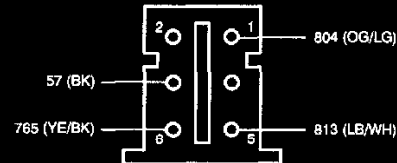
14A005**14A488**

F14008

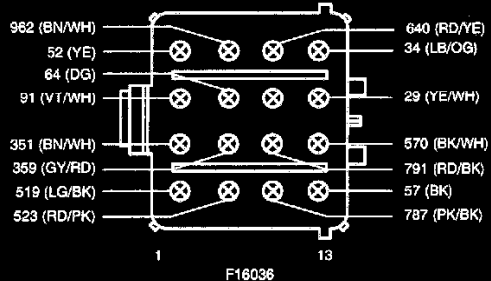
C237**14A005
14A488****14630****C238 (GY)****14A005
14A488****14630**

C239 (BU)**14A005**

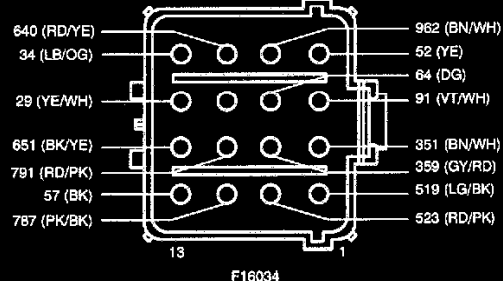
F06089

14631

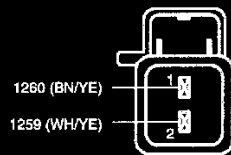
F06089

C311 (GY)**14405**

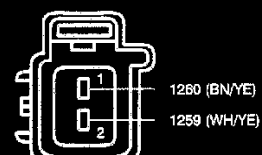
F16036

14A488

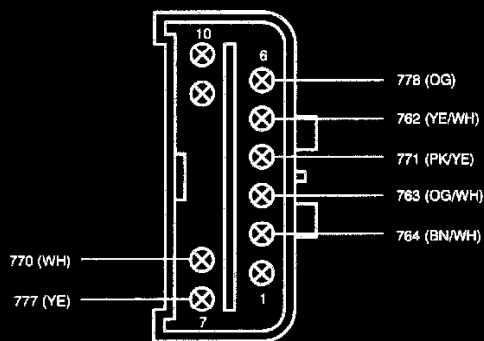
F16034

C312 (YE)**14A488**

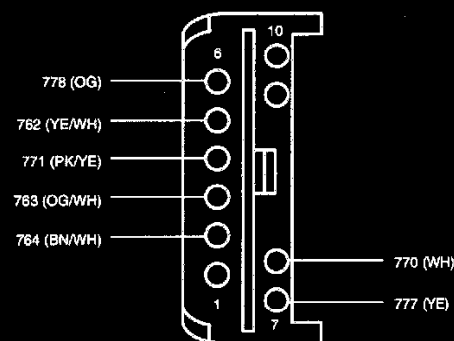
F02042

14K155

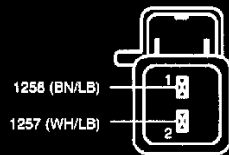
F02211

C313**14A005**
14A488

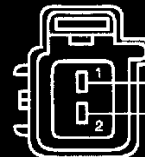
F10025

7A786

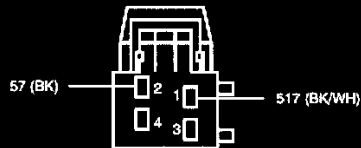
F10009

14A488**C314** (YE)**14K155**

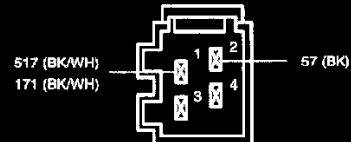
F02042



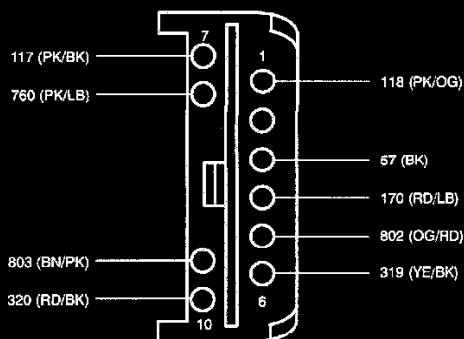
F02211

14A005**C316****14C719**

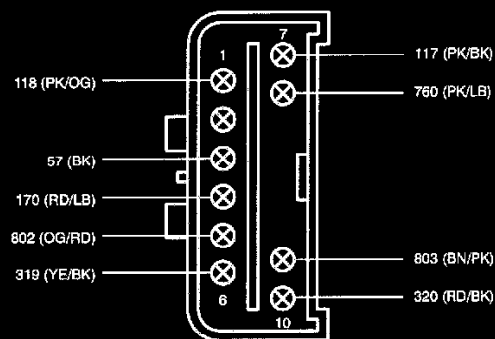
F04140



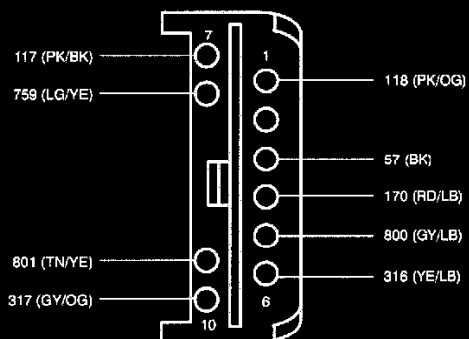
F04138

14632**C327****14A005**

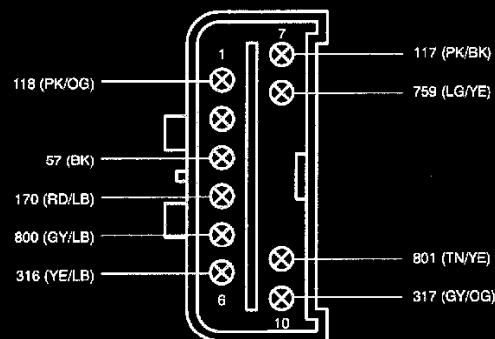
F10009



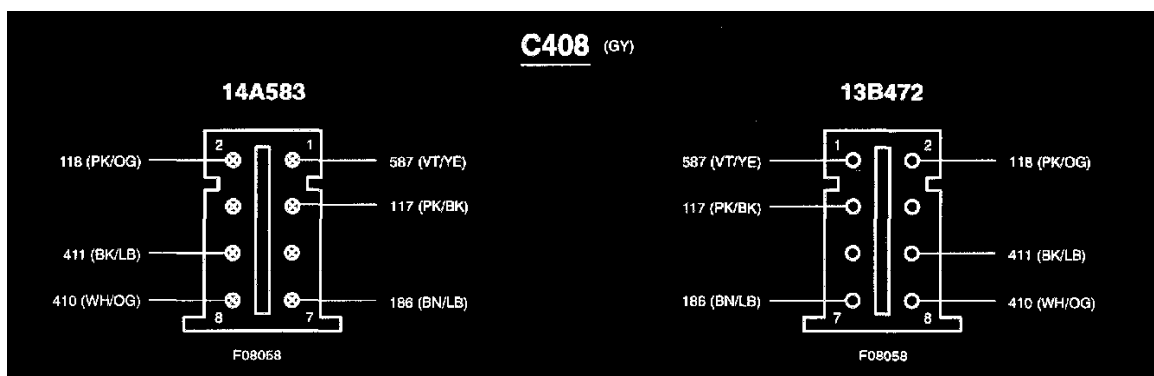
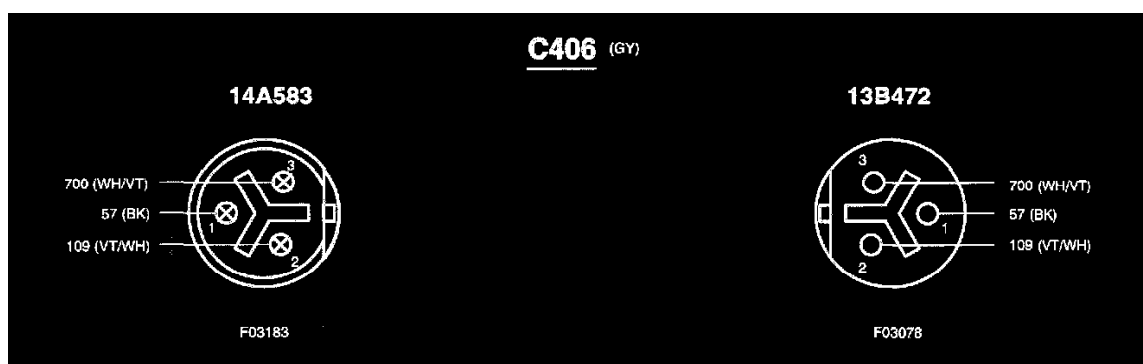
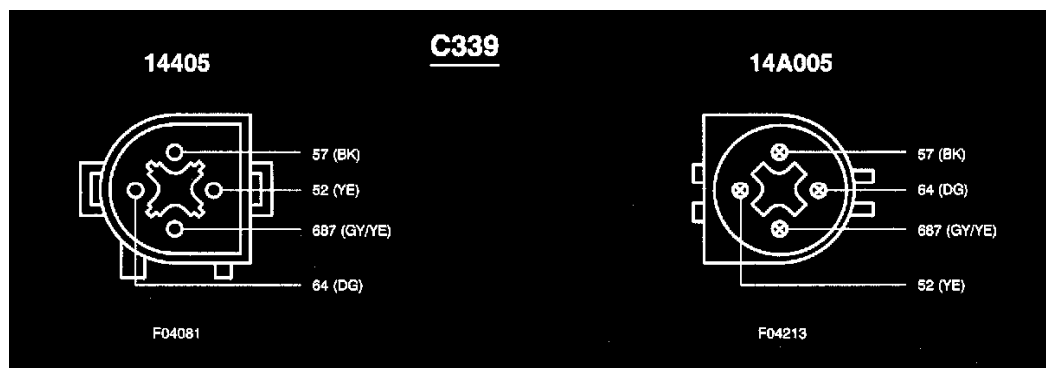
F10025

14633**C328****14A005**

F10009

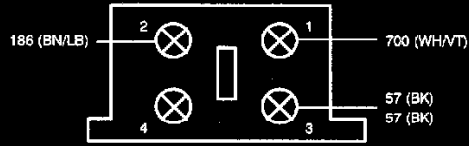


F10025



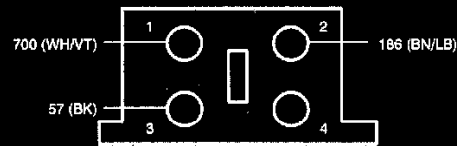
C410 (BK)

18C673



F04059

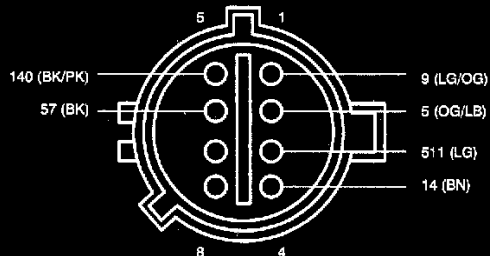
14A583



F04058

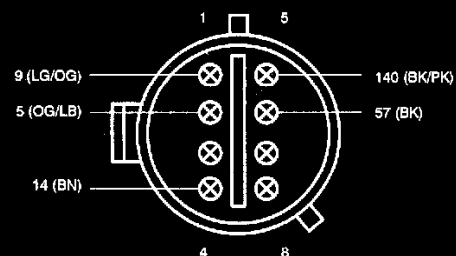
C421 (BK)

14405



F08052

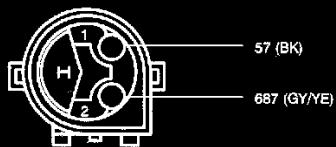
13A409



F08050

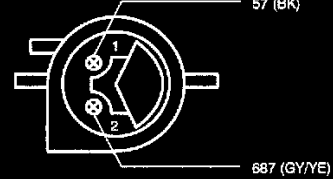
C422

14405

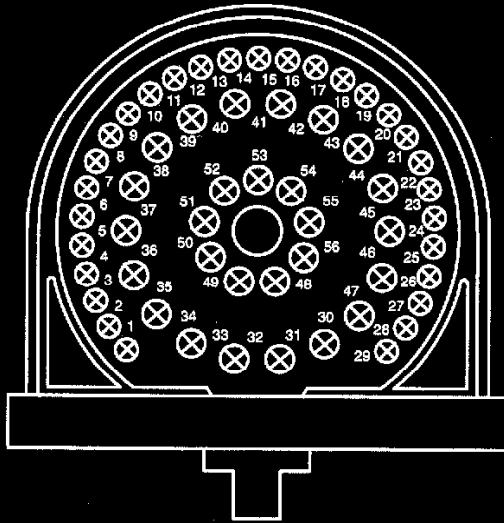


F02004

14A435

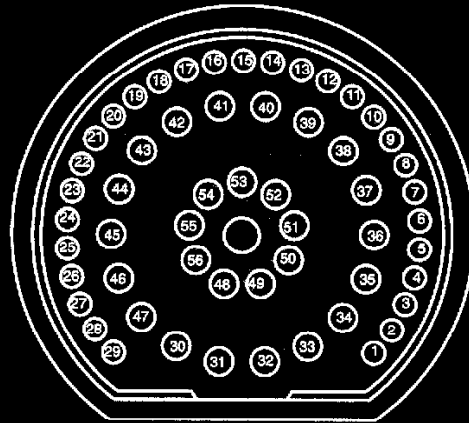


F02046

C510**14631**

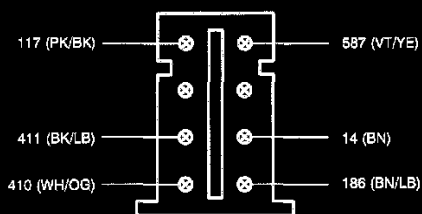
F57001

(1) 804 (OG/LG)	(14) 124 (BN)
867 (DB)	(15) 705 (LG/OG)
(2) 120 (PK/LG)	956 (OG/LG)
813 (LB/WH)	(16)
(3) 119 (PK/YE)	(17) 119 (PK/YE)
705 (LG/OG)	765 (YE/BK)
(4) 945 (YE/BK)	(18) 120 (PK/LG)
(5) 543 (DG)	867 (DB)
(6) 544 (VT)	(19) 55 (BK/PK)
(7) 765 (YE/BK)	(20) 813 (LB/WH)
956 (OG/LG)	(21) 804 (OG/LG)
(8) 66 (LB)	(22)
(9) 78 (LB/YE)	(23) 124 (BN)
(10) 79 (LG/RD)	(24) 123 (BU)
(11) 121 (YE/BK)	(25) 122 (YE)
(12) 122 (YE)	(26) 121 (YE/BK)
(13) 123 (RD)	

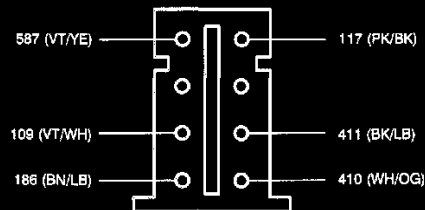
**14A005
14A488**

F57003

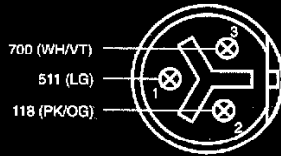
(27) 79 (LG/RD)	(37) 117 (PK/BK)
(28) 78 (LB/YE)	119 (PK/YE)
(29) 66 (LB)	(38) 400 (LB/BK)
(30) 313 (WH/YE)	(39) 120 (PK/LG)
991 (TN/LB)	(40) 119 (PK/YE)
(31) 903 (RD)	(41) 171 (BK/WH)
991 (TN/LB)	(42) 319 (YE/BK)
(32) 170 (RD/LB)	(43) 320 (RD/BK)
903 (RD)	(44) 314 (TN/LB)
(33) 120 (PK/LG)	(45) 57 (BK)
992 (WH/BK)	313 (WH/YE)
(34) 118 (PK/OG)	(46) 171 (BK/WH)
163 (RD/OG)	(47) 57 (BK)
(35) 117 (PK/BK)	314 (TN/LB)
316 (YE/LB)	
(36) 317 (GY/OG)	
400 (LB/BK)	

C919 (GY)**14A488**

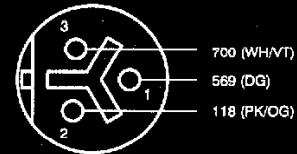
F08058

13B472

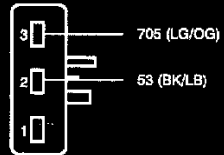
F08058

C922 (GY)**14A488**

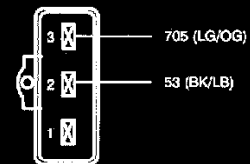
F03183

13B472

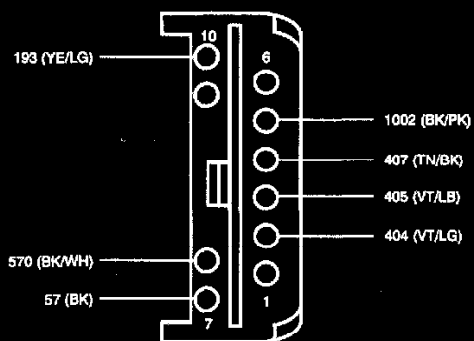
F03078

C925**14335**

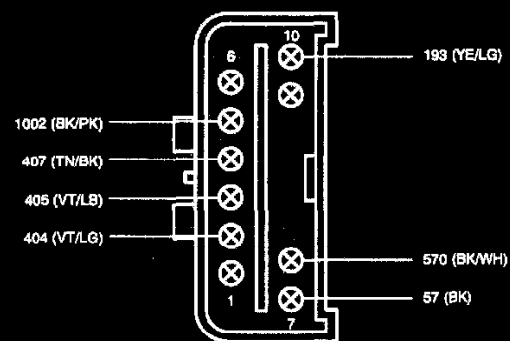
F03105.1

14A488

F03171

C3007**14A005**

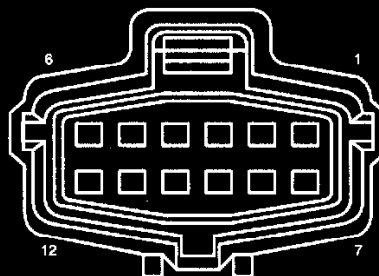
F10009

14683

F10025

C167**12A690 Early production****12B637 Late production**

B234
Digital Transmission
Range (DTR) sen-
sor



F12040

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

Pin	Circuit	Circuit Function
7	57 (BK)	Ground
8	463 (RD/WH)	Neutral, switch sense, input
9	298 (VT/OG)	Voltage in Run (overload protected)
10	1093 (TN/RD)	Power, Hot in Start with Park or Neutral
11	140 (BK/PK)	Voltage supplied in reverse
12	329 (PK)	Voltage supplied in Start (overload protected)

C103**14A280**

N17
Oil pressure switch

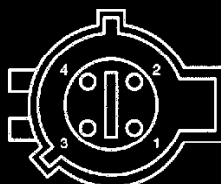


F01016

Pin	Circuit	Circuit Function
1	253 (DG/WH)	Oil pressure switch, input

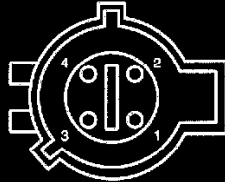
C171**12B637**

B48
Heated Oxygen
Sensor (HO2S) #11



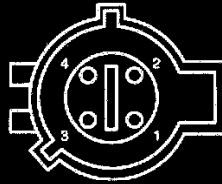
F04082

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	387 (RD/WH)	Heated Oxygen Sensor (HO2S) #11, heater
3	89 (OG)	signal, return
4	74 (GY/LB)	Heated Oxygen Sensor (HO2S) #11, input

C142**12A690 Early production****12B637 Late production**B88
Heated Oxygen
Sensor (HO2S) #12

F04082

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	389 (WH/BK)	Heated Oxygen Sensor (HO2S) #12, heater
3	89 (OG)	signal, return
4	392 (RD/LG)	Heated Oxygen Sensor (HO2S) #12, input

C172 (BU)**12A690 Early production****12B637 Late production**B47
Heated Oxygen
Sensor (HO2S) #21

F04082

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	388 (YE/LB)	Heated Oxygen Sensor (HO2S) #21, heater
3	89 (OG)	signal, return
4	94 (RD/BK)	Heated Oxygen Sensor (HO2S) #21, input

C2015**14A488**N63
Park brake switch

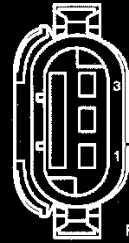
F01029

Pin	Circuit	Circuit Function
1	162 (LG/RD)	Park brake switch

C412**13A409**
14A488E222
Park/turn lamp, left
rear

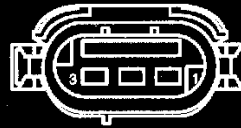
F03099

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

C415**13A409**
14A488E223
Park/turn lamp, right
rear

F03099

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

C1023**14290**
14398E164
Park/turn lamp, left
front

F03099

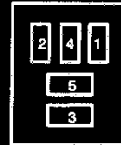
Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps
3	3 (LG/WH)	Turn lamps, feed, left front

C1043**14290**
14398E166
Park/turn lamp, right
front

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	14 (BN)	Power, Exterior lamps
3	2 (WH/LB)	Turn lamps, feed, right front

C1095**14290**

K52
Park lamp relay

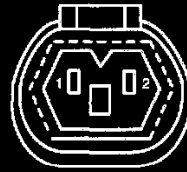


F05064

Pin	Circuit	Circuit Function
1	195 (TN/WH)	Park lamp relay - fused feed
2	218 (WH/VT)	Park lamp relay, control
3	14 (BN)	Power, Exterior lamps
4	1032 (WH/BK)	Trailer tow relay, feed
5	195 (TN/WH)	Park lamp relay - fused feed

C525 (GY)**14631**

M225
Door lock actuator,
driver side

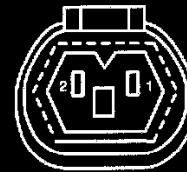


F02227

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

C704**14633**

M64
Door lock actuator,
left rear

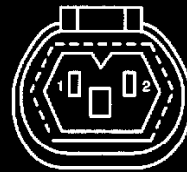


F02227

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

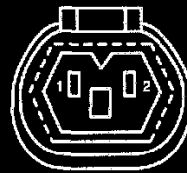
C804**14632**

M85
Door lock actuator,
right rear



F02227

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

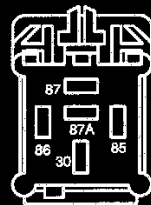
C603 (GV)**14630**M226
Door lock actuator,
passenger side

F02227

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

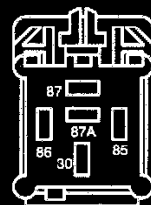
Power Door Lock Control Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

C2063**14401**K131
Driver door unlock
relay

F05062

Pin	Circuit	Circuit Function
87	171 (BK/WH)	Voltage supplied at all times (overload protected)
87A	118 (PK/OG)	Door unlock, output
85	171 (BK/WH)	Voltage supplied at all times (overload protected)
86	129 (LG)	Driver door unlock relay, output
30	163 (RD/OG)	Driver door unlock relay, switched power

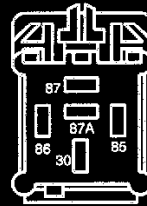
C2061**14401**K129
Door unlock relay

F05062

Pin	Circuit	Circuit Function
87	171 (BK/WH)	Voltage supplied at all times (overload protected)
87A	57 (BK)	Ground
85	171 (BK/WH)	Voltage supplied at all times (overload protected)
86	120 (PK/LG)	Door unlock relay, control
30	118 (PK/OG)	Door unlock, output

C2062**14401**

K130
Door lock relay

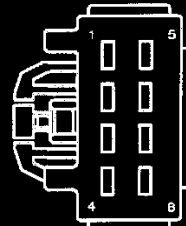


FD5062

Pin	Circuit	Circuit Function
87	171 (BK/WH)	Voltage supplied at all times (overload protected)
87A	57 (BK)	Ground
85	171 (BK/WH)	Voltage supplied at all times (overload protected)
86	119 (PK/YE)	Door lock relay, control
30	117 (PK/BK)	Door lock, output

C505 (GN)**14631**

N204
Door lock switch,
driver side

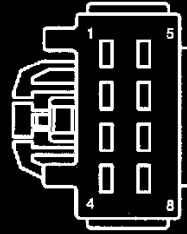


F08165

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	57 (BK)	Ground
3	120 (PK/LG)	Door unlock relay, control
4	57 (BK)	Ground
	171 (BK/WH)	Voltage supplied at all times (overload protected)
5	705 (LG/OG)	Battery saver relay, switched power
6	—	not used
7	119 (PK/YE)	Door lock relay, control
8	57 (BK)	Ground

C605 (GN)**14630**

N205
Door lock switch,
passenger side

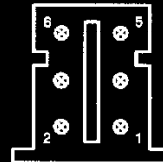


F08165

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	120 (PK/LG)	Door unlock relay, control
3	120 (PK/LG)	Door unlock relay, control
	1384 (LB)	Door unlock, output
	118 (PK/OG)	Door unlock, output
4	57 (BK)	Ground
	171 (BK/WH)	Voltage supplied at all times (overload protected)
5	705 (LG/OG)	Battery saver relay, switched power
6	—	not used
7	119 (PK/YE)	Door lock relay, control
	1383 (RD)	Door lock, output
	117 (PK/BK)	Door lock, output
8	119 (PK/YE)	Door lock relay, control

C357 (BN)**14C719**

M214
Power seat motor
assembly, left

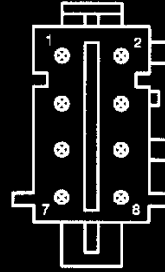


F08089

Pin	Circuit	Circuit Function
1	980 (YE/WH)	Fwd/Rwd motor, rearward
2	978 (YE/LB)	Front height motor, Up
3	983 (RD/LG)	Rear height motor, Up
4	979 (RD/LB)	Front height motor, Up
5	982 (YE/LG)	Rear height motor, Down
6	981 (RD/WH)	Fwd/Rwd motor, Forward

C360 (GN)**14C719**

N216
Seat adjust switch,
driver side front

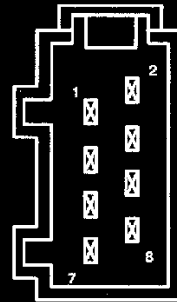


F08165

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	983 (RD/LG)	Rear height motor, Up
3	982 (YE/LG)	Rear height motor, Down
4	979 (RD/LB)	Front height motor, Up
5	171 (BK/WH)	Voltage supplied at all times (overload protected)
6	980 (YE/WH)	Fwd/Rwd motor, rearward
7	978 (YE/LB)	Front height motor, Up
8	981 (RD/WH)	Fwd/Rwd motor, Forward

C369**14C719**

N216
Seat adjust switch,
driver side front

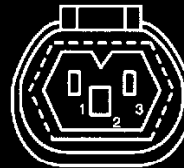


F08161

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	979 (RD/LB)	Front height motor, Up
3	983 (RD/LG)	Rear height motor, Up
4	980 (YE/WH)	Fwd/Rwd motor, rearward
5	982 (YE/LG)	Rear height motor, Down
6	978 (YE/LB)	Front height motor, Up
7	517 (BK/WH)	Voltage supplied at all times (overload protected)
8	981 (RD/WH)	Fwd/Rwd motor, Forward

C457 (GY)**14A583**

M245
Liftgate lock actua-
tor



F02227

Pin	Circuit	Circuit Function
1	118 (PK/OG)	Door unlock, output
2	—	not used
3	117 (PK/BK)	Door lock, output

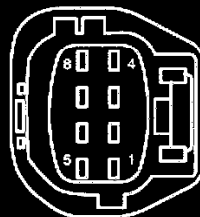
Power Window Control Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

C351

14683

M247
Rear window motor



F08161

Pin	Circuit	Circuit Function
1	—	not used
2	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
3	404 (VT/LG)	Window motor
4	405 (VT/LB)	Window motor
5	570 (BK/WH)	Ground
6	407 (TN/BK)	Window motor
7	193 (YE/LG)	Voltage supplied at all times (overload protected)
8	57 (BK)	Ground

C524 (GY)

14631

M80
Power window motor, driver side front



F02073

Pin	Circuit	Circuit Function
1	992 (WH/BK)	Master window adjust switch, feed, Up
2	903 (RD)	Window motor, feed, Down

C608 (GY)

14630

M79
Power window motor, passenger side front

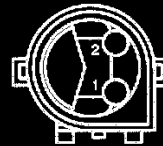


F02073

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

C703**14633**

M116
Power window mo-
tor, left rear

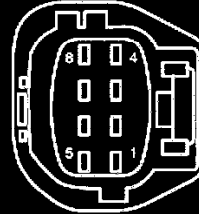


F02004

Pin	Circuit	Circuit Function
1	885 (YE/LB)	Window switch to, Window motor, left rear
2	884 (YE/BK)	Window switch to, Window motor, left rear

C351**14683**

M247
Rear window motor



F08161

Pin	Circuit	Circuit Function
1	—	not used
2	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
3	404 (VT/LG)	Window motor
4	405 (VT/LB)	Window motor
5	570 (BK/WH)	Ground
6	407 (TN/BK)	Window motor
7	193 (YE/LG)	Voltage supplied at all times (overload protected)
8	57 (BK)	Ground

C803**14632**

M117
Power window mo-
tor, right rear



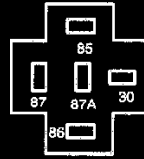
F02004

Pin	Circuit	Circuit Function
1	882 (BN/YE)	Window switch to, Window motor, right rear
2	881 (BN)	Window switch to, Window motor, right rear

C1096**14290**

K336

Window safety relay



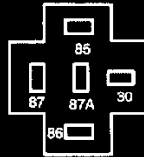
F05016

Pin	Circuit	Circuit Function
30	194 (PK)	Voltage supplied at all times (overload protected)
87A	—	not used
85	57 (BK)	Ground
86	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
87	400 (LB/BK)	Accessory relay, switched power, output

C2058**14401**

K336

Window safety relay

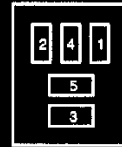


F05016

Pin	Circuit	Circuit Function
30	400 (LB/BK)	Window safety relay switched power, output
85	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
86	57 (BK)	Ground
87	194 (PK)	Voltage supplied at all times (overload protected)
87A	—	not used

C2051**14401**

K50
One-touch window
relay

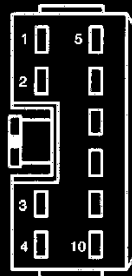


F05064

Pin	Circuit	Circuit Function
1	1007 (YE/RD)	Generic Electronic Module (GEM) to, One-touch window relay - output
2	400 (LB/BK)	Window safety relay, switched power, output
3	903 (RD)	Window motor, feed, Down
4	991 (TN/LB)	Master window adjust switch, feed, Down
5	400 (LB/BK)	Window safety relay, switched power, output

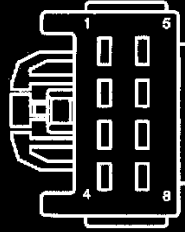
C2060**14401**

N465
Rear window adjust
switch



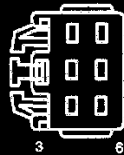
F10040

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	—	not used
4	404 (VT/LG)	Window motor
5	57 (BK)	Ground
6	570 (BK/WH)	Ground
7	407 (TN/BK)	Window motor
8	235 (RD/BK)	Instrument illumination, input
9	405 (VT/LB)	Window motor
10	—	not used

C504a (BU)**14631**N447
Master window ad-
just switch

F08167

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

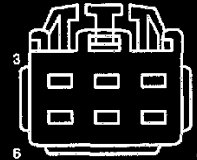
C504b**14631**N447
Master window ad-
just switch

F06213

Pin	Circuit	Circuit Function
1	170 (RD/LB)	Window lockout, switched power, output
2	57 (BK)	Ground
3	319 (YE/BK)	Window switch, feed, right rear, Up
4	400 (LB/BK)	Window safety relay, switched power, output
5	317 (GY/OG)	Window switch, feed, left rear, Down
6	316 (YE/LB)	Window switch, feed, left rear, Up

C604 (GY)**14630**

N105
Window adjust
switch, passenger
side



F06213

Pin	Circuit	Circuit Function
1	314 (TN/LB)	Window switch, feed, right front, Down
2	334 (RD/YE)	Window motor, feed, Down
3	400 (LB/BK)	Window safety relay, switched power, output
	170 (RD/LB)	Window lockout, switched power, output
4	—	not used
5	333 (YE/RD)	Window motor, feed, Up
6	313 (WH/YE)	Window switch, feed, right front, Up

C701**14633**

N111
Window adjust
switch, left rear



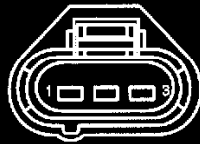
F06213

Pin	Circuit	Circuit Function
1	316 (YE/LB)	Window switch, feed, left rear, Up
2	885 (YE/LB)	Window switch to, Window motor, left rear
3	170 (RD/LB)	Window lockout, switched power, output
4	—	not used
5	884 (YE/BK)	Window switch to, Window motor, left rear
6	317 (GY/OG)	Window switch, feed, left rear, Down

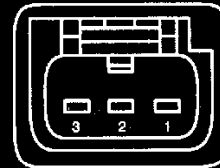
C801**14632**N110
Window adjust
switch, right rear

F06213

Pin	Circuit	Circuit Function
1	320 (RD/BK)	Window switch, feed, right rear, Down
2	882 (BN/YE)	Window switch to, Window motor, right rear
3	170 (RD/LB)	Window lockout, switched power, output
4	—	not used
5	881 (BN)	Window switch to, Window motor, right rear
6	319 (YE/BK)	Window switch, feed, right rear, Up

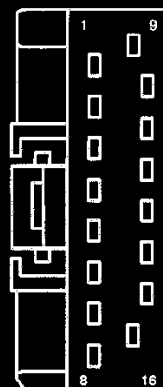
8257
Differential Pressure
Feedback EGR
(DPFE) sensor

F03071

C1068 (GY)**12B637**

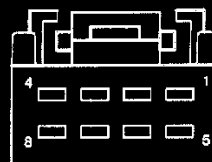
F03161

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

C290a**14401**A11
Radio

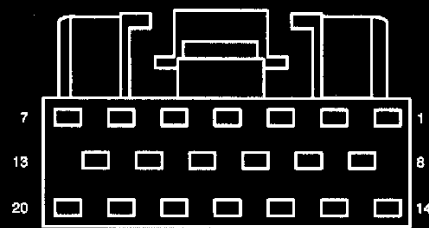
F16071

Pin	Circuit	Circuit Function
1	235 (RD/BK)	Instrument illumination, input
2	57 (BK)	Ground
3	1000 (RD/BK)	Voltage supplied in Start (overload protected)
4	—	not used
5	802 (OG/RD)	Speaker, right rear +
6	803 (BN/PK)	Speaker, right rear –
7	805 (WH/LG)	Speaker, right front +
8	811 (DG/OG)	Speaker, right front –
9	797 (LG/VT)	Voltage supplied at all times (overload protected)
10	137 (YE/BK)	Voltage in Run or Accessory (overload protected)
11	694 (BK/LG)	Ground
12	800 (GY/LB)	Speaker, left rear +
13	801 (TN/YE)	Speaker, left rear –
14	804 (OG/LG)	Speaker, left front +
15	813 (LB/WH)	Speaker, left front –
16	694 (BK/LG)	Ground

C290b**14401**A11
Radio

F08185

Pin	Circuit	Circuit Function
1	168 (RD/BK)	RX, signal
2	167 (BN/OG)	TX, signal
3	57 (BK)	Ground
4	173 (DG/VT)	Radio - Subwoofer, High, mute
5	—	not used
6	—	not used
7	—	not used
8	—	not used

C290c**14401**A11
Radio

F20023

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	—	not used
10	—	not used
11	—	not used
12	—	not used
13	—	not used
14	—	not used
15	—	not used
16	—	not used
17	—	not used
18	—	not used
19	—	not used
20	—	not used

C1078 (GV)**14A280**N126
A/C high pressure
switch

F04195

Pin	Circuit	Circuit Function
1	570 (BK/WH)	Ground
2	—	not used
3	441 (RD/YE)	A/C pressure switch, to A/C cycling switch
4	—	not used

A/C High Pressure Switch Connector

C1081**14290****14398**

N75
A/C compressor
cycling switch

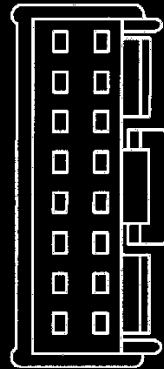


F04195

Pin	Circuit	Circuit Function
1	441 (RD/YE)	A/C pressure switch, to A/C cycling switch
2	—	not used
3	—	not used
4	347 (BK/YE)	A/C clutch relay, switched output

C349**14B079**

P87
Rear Integrated
Control Panel
(RICP)



16 8

F16027

Pin	Circuit	Circuit Function
1	801 (TN/YE)	Speaker, left rear —
2	800 (GY/LB)	Speaker, left rear +
3	803 (BN/PK)	Speaker, right rear —
4	802 (OG/RD)	Speaker, right rear +
5	—	not used
6	694 (BK/LG)	Ground
7	57 (BK)	Ground
8	235 (RD/BK)	Instrument illumination, input
9	825 (TN/LG)	Speaker, right rear +
10	827 (TN/WH)	Speaker, left rear +
11	—	not used
12	832 (LB/PK)	Audio corporate protocol A
13	833 (TN)	Audio corporate protocol B
14	—	not used
15	1068 (LG/BK)	Audio System ON (ASYSON)
16	729 (RD/WH)	Voltage supplied at all times (overload protected)

C323 (GY)**14A488**

N317
Safety belt buckle
switch

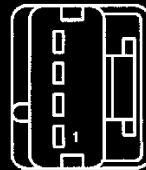


F02073

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	85 (BN/LB)	Safety belt buckle switch, input

C2013a**14401**

A277
Belt minder module

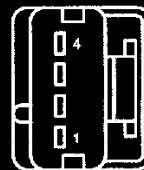


F04143

Pin	Circuit	Circuit Function
1	871 (YE)	Safety belt indicator, control
2	85 (BN/LB)	Safety belt buckle switch, Input
3	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
4	1032 (WH/BK)	Trailer tow relay, feed

C2013b**14401**

A277
Belt minder module

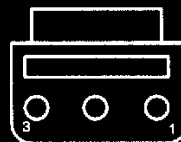


F04143

Pin	Circuit	Circuit Function
1	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
2	—	not used
3	—	not used
4	570 (BK/WH)	Ground

C2008**14401**

Y215
Brake shift interlock

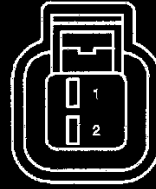


F03080

Pin	Circuit	Circuit Function
1	1003 (GY/YE)	Voltage in Run (overload protected)
2	57 (BK)	Ground
3	810 (RD/LG)	Brake pedal position switch, input

C395**14A488**

Y17
Speaker, left rear



F02069

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

C702**14633**

Y17
Speaker, left rear

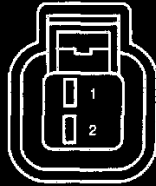


F02069

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

C523**14631**

Y28
Speaker, left front

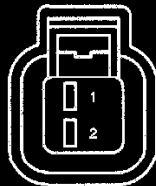


F02069

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

C396**14A488**

Y19
Speaker, right rear



F02069

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

C802**14632**Y19
Speaker, right rear

F02069

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

C612**14630**Y18
Speaker, right front

F02069

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

C197a**14A280**M8
Starter motor

F01063

Pin	Circuit	Circuit Function
1	2037 (RD)	Battery cable +

C197b**14A280**M8
Starter motor

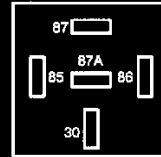
F01061

Pin	Circuit	Circuit Function
1	113 (YE/LB)	Starter motor to starter motor relay

C1017**14290****14398**

K22

Starter relay



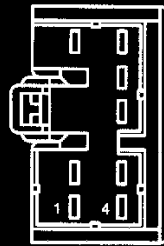
F05051

Pin	Circuit	Circuit Function
87	113 (YE/LB)	Starter motor to Starter relay
87A	—	not used
86	325 (DB/OG)	Starter relay, control
85	1093 (TN/RD)	Power, Hot in Start with Park or Neutral
30	37 (YE)	Voltage supplied at all times (overload protected)

C921 (GY)**14334**

A214

Roof opening panel module



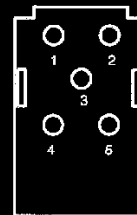
F08089

Pin	Circuit	Circuit Function
1	—	not used
2	—	not used
3	—	not used
4	57 (BK)	Ground
5	193 (YE/LG)	Voltage supplied at all times (overload protected)
6	691 (DB)	Window motor, feed, Open
7	692 (RD)	Window motor, feed, closed
8	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)

C912 (GY)**14334**

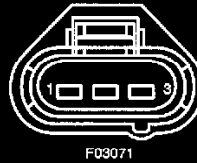
N411

Roof opening panel switch

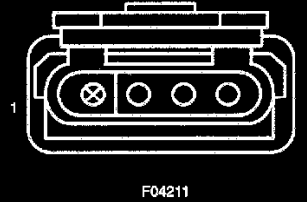


F05063

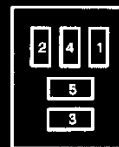
Pin	Circuit	Circuit Function
1	692 (RD)	Window motor, feed, closed
2	—	not used
3	57 (BK)	Ground
4	—	not used
5	691 (DB)	Window motor, feed, Open

C189**12B637**B8
Throttle Position
Sensor (TPS)

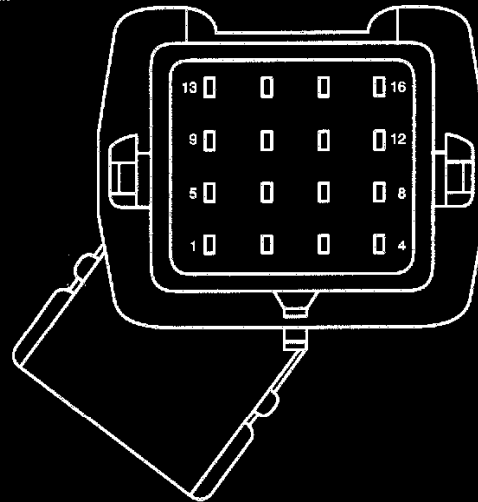
Pin	Circuit	Circuit Function
1	359 (GY/RD)	signal, return
2	355 (GY/WH)	Throttle Position Sensor (TPS), input
3	351 (BN/WH)	Reference, voltage

C439**14405**E201
Trailer tow connec-
tor

Pin	Circuit	Circuit Function
1	206 (WH)	Trailer tow connector, Ground
2	962 (BN/WH)	Trailer tow relay, switched output
3	52 (YE)	Turn lamps, feed, left rear
4	64 (DG)	Turn lamps, feed, right rear

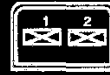
C2049**14401**K335
Trailer tow relay

Pin	Circuit	Circuit Function
1	14 (BN)	Power, Exterior lamps
	1032 (WH/BK)	Trailer tow relay, feed
2	57 (BK)	Ground
3	1043 (DG/YE)	Voltage supplied at all times (overload protected)
4	—	not used
5	962 (BN/WH)	Trailer tow relay, switched out-put

C199**12A690 Early production****12B637 Late production**A254
5R55E Transmis-
sion

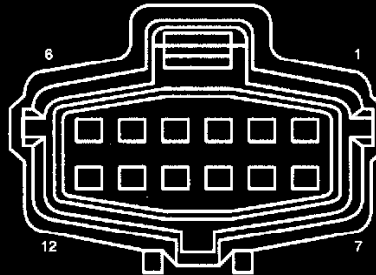
F16069

Pin	Circuit	Circuit Function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	970 (DG/WH)	Turbine shaft speed (TSS) sensor
3	359 (GY/RD)	signal, return
4	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor, input
5	480 (VT/YE)	Torque Converter Clutch (TCC) solenoid
6	—	not used
7	971 (PK/BK)	Shift solenoid C
8	359 (GY/RD)	signal, return
9	924 (BN/OG)	Shift solenoid D
10	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
11	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
12	925 (WH/YE)	Electronic Pressure Control (EPC) solenoid
13	—	not used
14	315 (VT/OG)	Shift solenoid B
15	—	not used
16	237 (OG/YE)	Shift solenoid A

C279**14401**N405
Transmission control switch

F02243

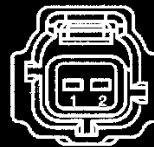
Pin	Circuit	Circuit Function
1	298 (VT/OG)	Voltage in Run (overload protected)
2	224 (TN/WH)	PCM, to transmission overdrive cancel switch

C167**12A690** Early production**12B637** Late productionB234
Digital Transmission Range (DTR) sensor

F12040

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

Pin	Circuit	Circuit Function
7	57 (BK)	Ground
8	463 (RD/WH)	Neutral, switch sense, input
9	298 (VT/OG)	Voltage in Run (overload protected)
10	1093 (TN/RD)	Power, Hot in Start with Park or Neutral
11	140 (BK/PK)	Voltage supplied in reverse
12	329 (PK)	Voltage supplied in Start (overload protected)

C164**12B637**B235
Intermediate Shaft Speed (ISS) sensor

F02101

Pin	Circuit	Circuit Function
1	136 (DB/YE)	Powertrain Control Module (PCM) – Intermediate Shaft Speed (ISS) sensor
2	359 (GY/RD)	signal, return

C193**12A690** Early production**12B637** Late production

B110
Output shaft speed
sensor (OSS)



F02101

Pin	Circuit	Circuit Function
1	136 (DB/YE)	Powertrain Control Module (PCM) - Output shaft speed sensor (OSS)
2	359 (GY/RD)	signal, return

C1107**12B637**

B110
Output shaft speed
sensor (OSS)



F02031

Pin	Circuit	Circuit Function
1	359 (GY/RD)	signal, return
2	136 (DB/YE)	Powertrain Control Module (PCM) - Output shaft speed sensor (OSS)

C164**12B637**

B235
Intermediate Shaft
Speed (ISS) sensor



F02101

Pin	Circuit	Circuit Function
1	136 (DB/YE)	Powertrain Control Module (PCM) - Intermediate Shaft Speed (ISS) sensor
2	359 (GY/RD)	signal, return

C193**12A690 Early production****12B637 Late production**

B110
Output shaft speed
sensor (OSS)



F02101

Pin	Circuit	Circuit Function
1	136 (DB/YE)	Powertrain Control Module (PCM) - Output shaft speed sensor (OSS)
2	359 (GY/RD)	signal, return

C1107**12B637**

B110
Output shaft speed
sensor (OSS)

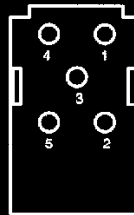


F02031

Pin	Circuit	Circuit Function
1	359 (GY/RD)	signal, return
2	136 (DB/YE)	Powertrain Control Module (PCM) - Output shaft speed sensor (OSS)

C456 (GY)**14A488**

N255
Liftgate door lock
switch

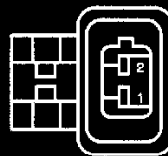


F05063

Pin	Circuit	Circuit Function
1	—	not used
	1384 (LB)	Door unlock, output
2	120 (PK/LG)	Door unlock relay, control
	118 (PK/OG)	Door unlock, output
3	57 (BK)	Ground
	171 (BK/WH)	Voltage supplied at all times (overload protected)
4	119 (PK/YE)	Door lock relay, control
	117 (PK/BK)	Door lock, output
5	—	not used
	1383 (RD)	Door lock, output

C459**14A583**

N403
Liftgate ajar switch,
right

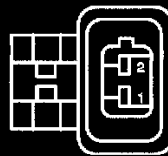


F02117

Pin	Circuit	Circuit Function
1	57 (BK)	Ground, Early production
	700 (WH/VT)	Liftgate ajar switch, Late production
2	57 (BK)	Ground, Late production
	700 (WH/VT)	Liftgate ajar switch, Early production

C458**14A583**

N402
Liftgate ajar switch,
left



F02117

Pin	Circuit	Circuit Function
1	57 (BK)	Ground, Early production
	700 (WH/VT)	Liftgate ajar switch, Late production
2	57 (BK)	Ground, Late production
	700 (WH/VT)	Liftgate ajar switch, Early production

C412**13A409
14A488**

E222
Park/turn lamp, left
rear



F03099

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

C415**13A409
14A488**

E223
Park/turn lamp, right
rear

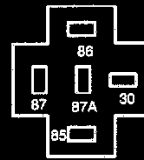


F03099

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

C2047**14401**

K2
Indicator flasher
relay

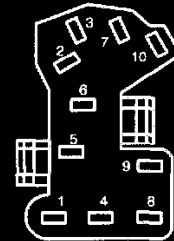


F05016

Pin	Circuit	Circuit Function
87	44 (LB)	Turn signal flasher to turn signal switch
87A	385 (WH/RD)	Voltage supplied at all times (overload protected)
85	383 (RD/WH)	Emergency warning flasher, feed
86	570 (BK/WH)	Ground
30	8 (OG/YE)	Turn signal flasher, feed

C202a (GY)**14A320**

N442
Multifunction switch

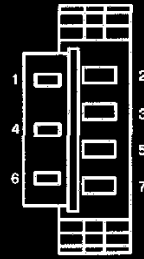


F10030

Pin	Circuit	Circuit Function
1	44 (LB)	Turn signal flasher, to turn signal switch
2	378 (BN/YE)	Trailer tow connector, output
3	—	not used
4	385 (WH/RD)	Voltage supplied at all times (overload protected)
5	2 (WH/LB)	Turn lamps, feed, right front
6	—	not used
7	—	not used
8	3 (LG/WH)	Turn lamps, feed, left front
9	511 (LG)	Brake pedal position switch, to stoplamps
10	374 (DB/WH)	Trailer tow connector, output

C202b (GY)**14A320**

N442
Multifunction switch



F07051

Pin	Circuit	Circuit Function
1	684 (PK/YE)	Wiper/washer, input
2	15 (RD/YE)	Power, Hot with Headlamps on
3	13 (RD/BK)	Power, Hot with Low Beams on
4	359 (GY/RD)	signal, return
5	632 (GY/OG)	Power, Hot with High Beams on
6	680 (LB/OG)	Wiper/washer, delay input
7	196 (DB/OG)	Voltage supplied at all times (overload protected)

C150 (BK)**14290**
14398

B15
Wheel speed sensor, left front



F02085

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

C160 (BK)**14290**
14398

B14
Wheel speed sensor, right front



F02085

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

C455**14405**

B25
Rear axle speed sensor

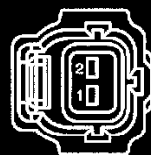


F02031

Pin	Circuit	Circuit Function
1	523 (RD/PK)	Wheel speed sensor, right rear +
2	519 (LG/BK)	Wheel speed sensor, left rear -

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

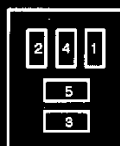
C137
14290
14398

M112
Windshield washer
pump motor


F02091

Pin	Circuit	Circuit Function
1	488 (DG)	Windshield washer pump motor, feed
	941 (BK/WH)	Windshield washer pump motor, feed
2	941 (BK/WH)	Windshield washer pump motor, feed
	57 (BK)	Ground

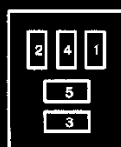
C1004
14290
14398

K317
Windshield washer
relay


F05064

Pin	Circuit	Circuit Function
1	686 (TN/RD)	Washer motor relay, control
2	950 (WH/BK)	Voltage in Run or Accessory (overload protected)
3	941 (BK/WH)	Windshield washer pump motor, feed
4	57 (BK)	Ground
	57 (BK)	Ground
5	950 (WH/BK)	Voltage in Run or Accessory (overload protected)

C1039
14290
14398

K185
Washer pump relay,
rear


F05064

Pin	Circuit	Circuit Function
2	57 (BK)	Ground
	57 (BK)	Ground
1	946 (VT/LG)	Rear window wiper/washer switch, output
3	1032 (WH/BK)	Windshield washer pump motor, feed
4	57 (BK)	Ground
	57 (BK)	Ground
5	946 (VT/LG)	Rear window wiper/washer switch, output
	946 (VT/LG)	Rear window wiper/washer switch, output

C2000**14401**

NS2
Rear window wiper/
washer switch



F06086

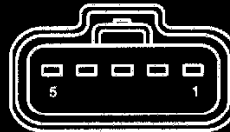
Pin	Circuit	Circuit Function
1	946 (VT/LG)	Rear window wiper/washer switch, output
2	485 (PK/BK)	Rear window wiper/washer switch, input
3	57 (BK)	Ground
4	950 (WH/BK)	Voltage in Run or Accessory (overload protected)
5	1302 (WH/LG)	Multifunction switch, Signal return
6	235 (RD/BK)	Front seats (power), feed input

Wiper Control Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

C125**14398**

M111
Windshield wiper
motor

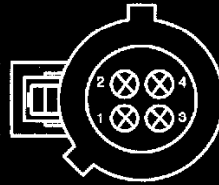


F05091

Pin	Circuit	Circuit Function
1	56 (DB/OG)	Wiper high/low relay, switched power, output, High
2	58 (WH)	Wiper high/low relay, switched power, output, Low
3	57 (BK)	Ground
4	63 (RD)	Voltage in Run or Accessory (overload protected)
5	671 (LB)	Wiper run/park relay, switched output

C476 (GY)**14A583**

M218
Rear wiper motor
assembly

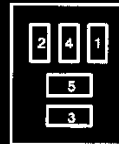


F04177

Pin	Circuit	Circuit Function
1	410 (WH/OG)	Rear window wiper raise relay, switched output
2	411 (BK/LB)	Rear window wiper lower relay, switched output
3	587 (VT/YE)	Liftgate wiper motor, input
4	57 (BK)	Ground

C1001**14290**
14398

K316
Wiper high/low relay

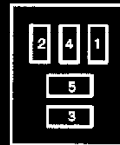


F05064

Pin	Circuit	Circuit Function
1	647 (GY/LB)	Wiper high/low relay, control
2	63 (RD)	Voltage in Run or Accessory (overload protected)
3	28 (BK/PK)	Wiper run/park relay, switched power
4	58 (WH)	Wiper high/low relay, switched power, output, Low
5	56 (DB/OG)	Wiper high/low relay, switched power, output, High

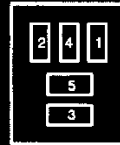
C1002**14290**
14398

K140
Wiper run/park relay



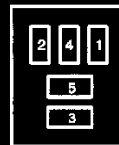
F05064

Pin	Circuit	Circuit Function
1	646 (YE/WH)	Wiper run/park relay, control
2	63 (RD)	Voltage in Run or Accessory (overload protected)
3	28 (PK/BK)	Wiper run/park relay, switched power
4	671 (LB)	Wiper run/park relay, switched output
5	63 (RD)	Voltage in Run or Accessory (overload protected)

C1036**14290**
14398K138
Rear window wiper
raise relay

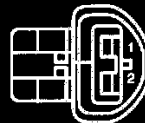
F05064

Pin	Circuit	Circuit Function
1	591 (LG)	Rear window wiper raise relay, output
2	406 (BN/WH)	Voltage supplied at all times (overload protected)
	406 (BN/WH)	Voltage supplied at all times (overload protected)
3	410 (WH/OG)	Rear window wiper raise relay, switched output
4	57 (BK)	Ground
5	406 (BN/WH)	Voltage supplied at all times (overload protected)

C1037**14290**
14398K137
Rear window wiper
lower relay

F05064

Pin	Circuit	Circuit Function
1	406 (BN/WH)	Voltage supplied at all times (overload protected)
	406 (BN/WH)	Voltage supplied at all times (overload protected)
2	592 (TN)	Rear window wiper lower relay, output
3	411 (BK/LB)	Rear window wiper lower relay, switched output
4	57 (BK)	Ground
5	406 (BN/WH)	Voltage supplied at all times (overload protected)

C467**18C673**N62
Rear window wiper
disable switch

F02115

Pin	Circuit	Circuit Function
1	57 (BK)	Ground
2	700 (WH/VT)	Liftgate ajar switch

C2000**14401**

NS2
Rear window wiper/
washer switch

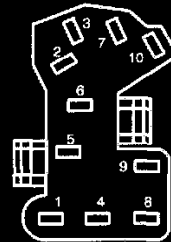


F06086

Pin	Circuit	Circuit Function
1	946 (VT/LG)	Rear window wiper/washer switch, output
2	485 (PK/BK)	Rear window wiper/washer switch, input
3	57 (BK)	Ground
4	950 (WH/BK)	Voltage in Run or Accessory (overload protected)
5	1302 (WH/LG)	Multifunction switch, Signal return
6	235 (RD/BK)	Front seats (power), feed input

C202a (GY)**14A320**

N442
Multifunction switch



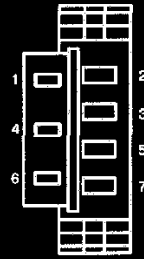
F10030

Pin	Circuit	Circuit Function
1	44 (LB)	Turn signal flasher, to turn signal switch
2	378 (BN/YE)	Trailer tow connector, output
3	—	not used
4	385 (WH/RD)	Voltage supplied at all times (overload protected)
5	2 (WH/LB)	Turn lamps, feed, right front
6	—	not used
7	—	not used
8	3 (LG/WH)	Turn lamps, feed, left front
9	511 (LG)	Brake pedal position switch, to stoplamps
10	374 (DB/WH)	Trailer tow connector, output

C202b (GY)**14A320**

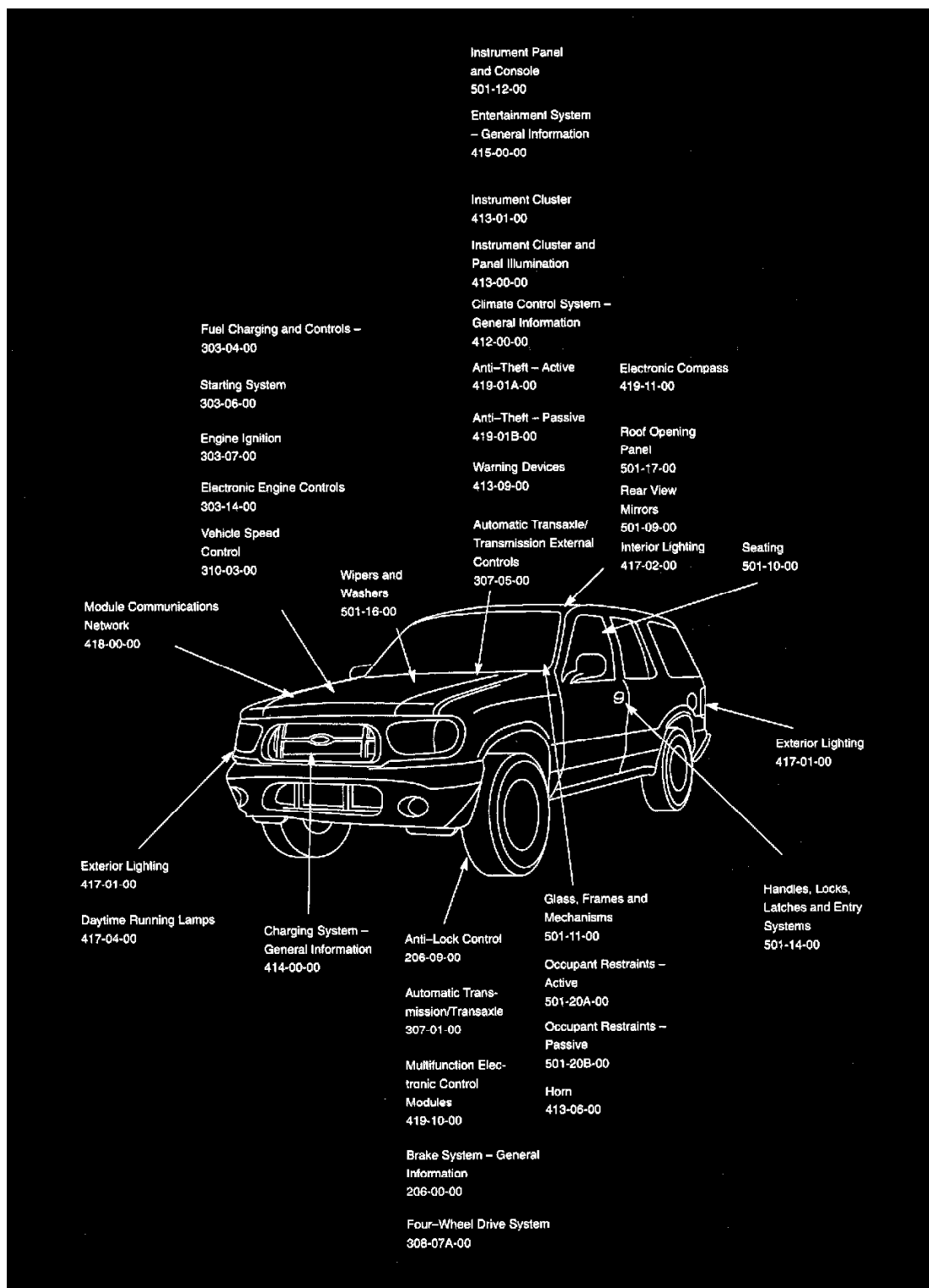
N442

Multifunction switch



F07051

Pin	Circuit	Circuit Function
1	684 (PK/YE)	Wiper/washer, input
2	15 (RD/YE)	Power, Hot with Headlamps on
3	13 (RD/BK)	Power, Hot with Low Beams on
4	359 (GY/RD)	signal, return
5	632 (GY/OG)	Power, Hot with High Beams on
6	680 (LB/OG)	Wiper/washer, delay input
7	196 (DB/OG)	Voltage supplied at all times (overload protected)



Please Note

PLEASE NOTE: When selecting diagrams by their ID numbers, some diagrams and/or 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.

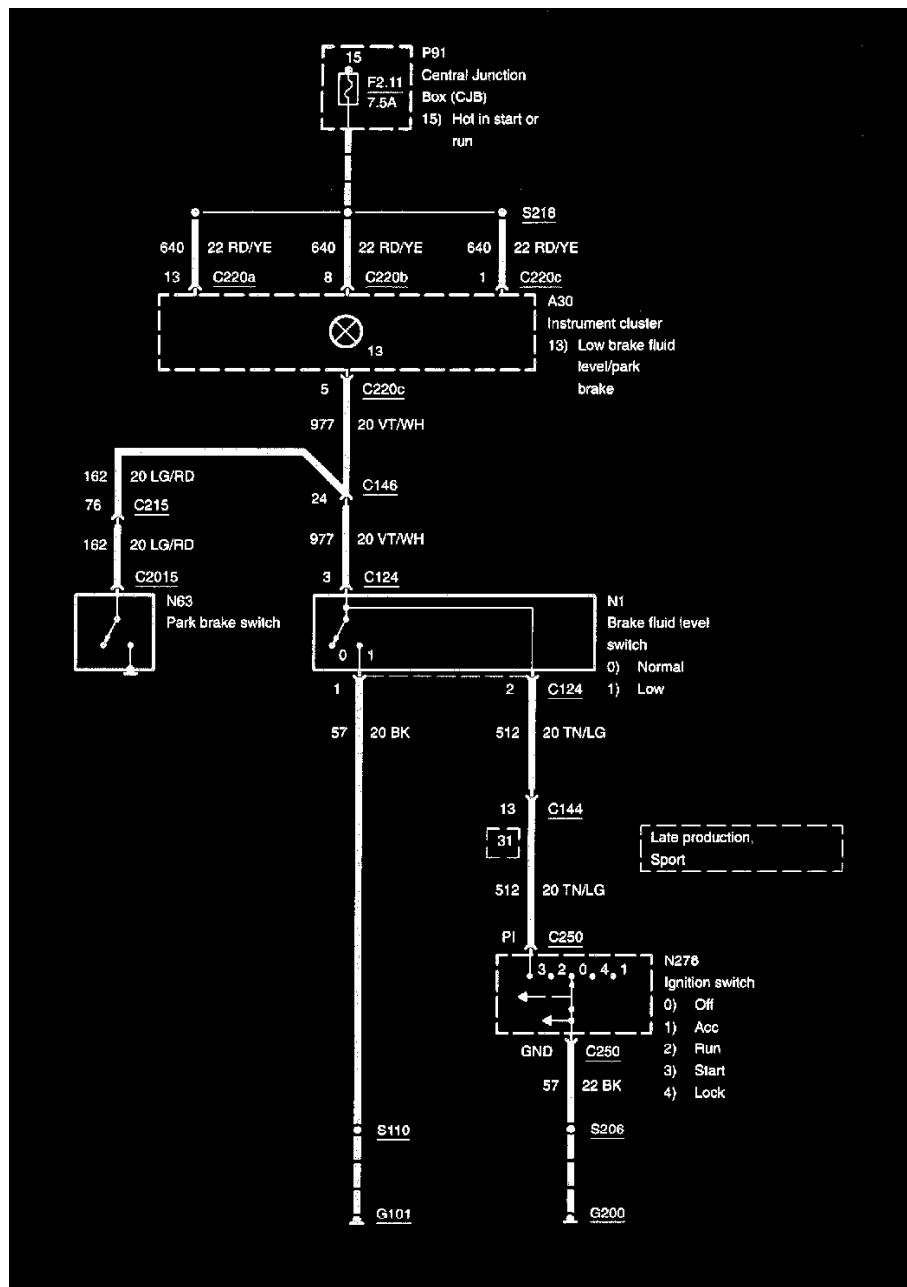


Diagram 206-00-00-1



Diagram 206-09-00-1

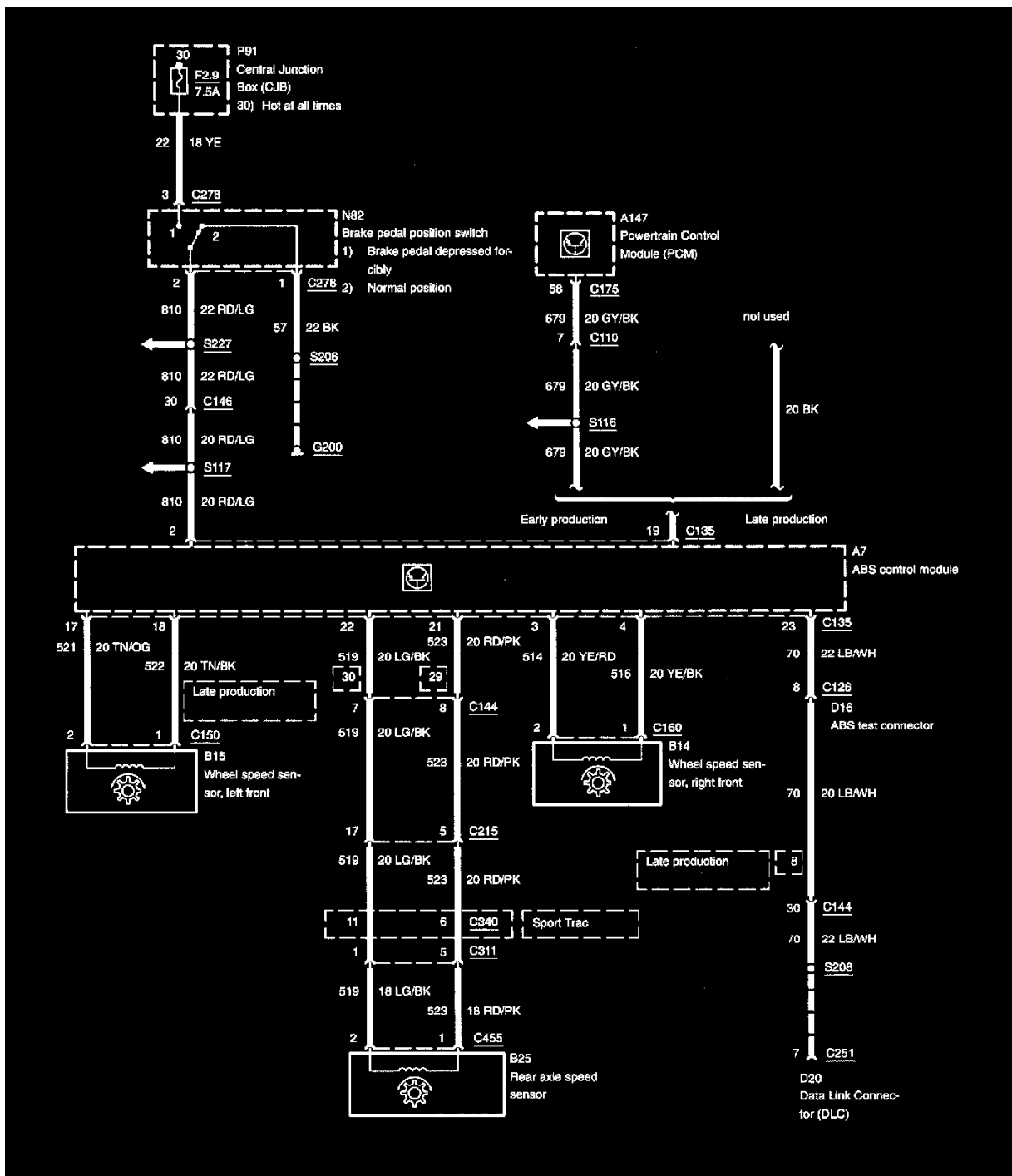


Diagram 206-09-00-2

Early production

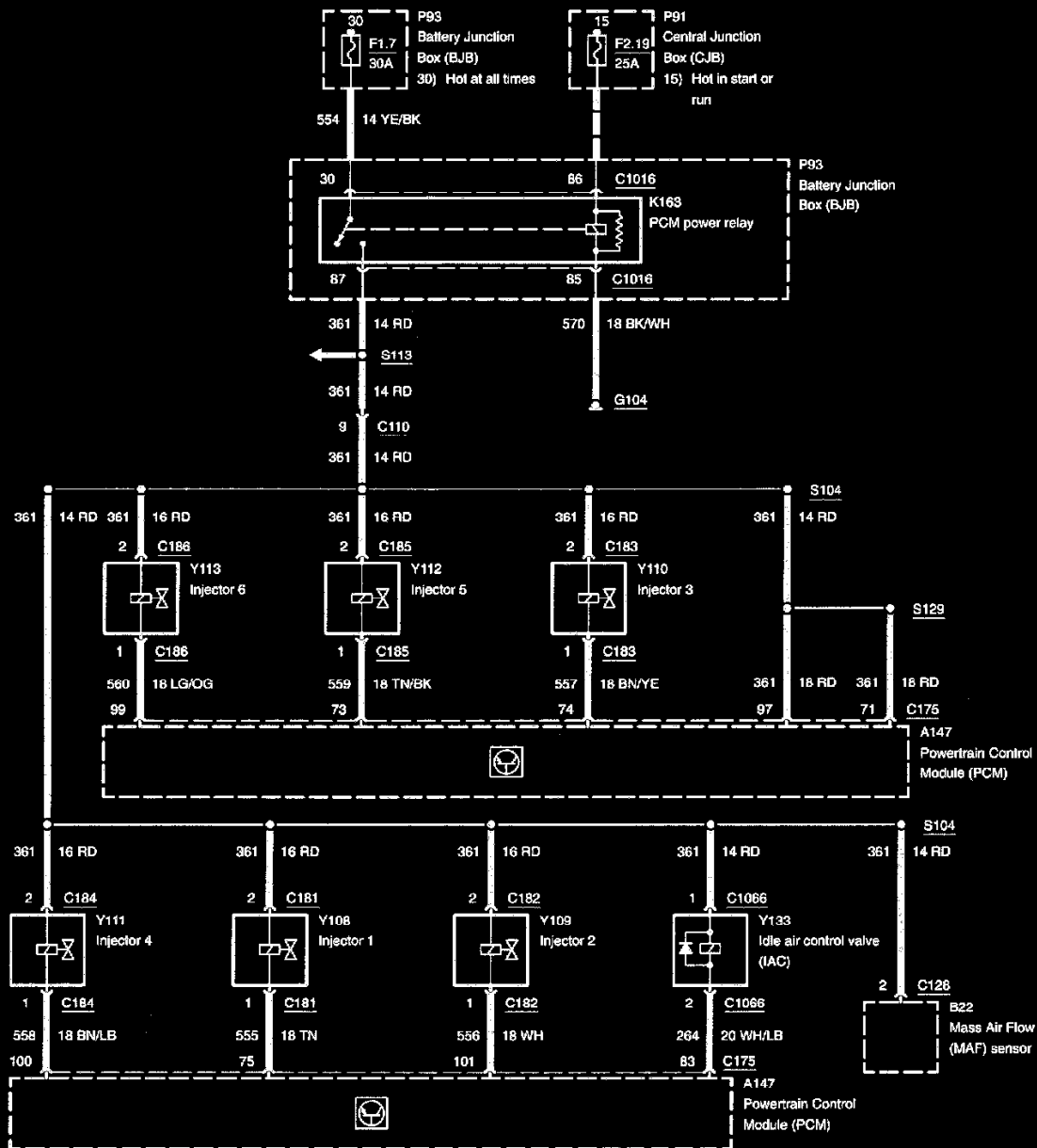


Diagram 303-04-00-1

Late production

The diagram illustrates the electrical system for the late production engine, showing the connections between the battery junction, central junction, PCM power relay, fuel injectors, idle air control valve, and mass air flow sensor.

Legend:

- P93 Battery Junction Box (BJB) 30) Hot at all times
- P91 Central Junction Box (CJB) 15) Hot in start or run

Key Components and Connections:

- PCM power relay (K163):** Connected to the battery junction (P93) and the central junction (P91).
- Fuel Injectors:** Y113 (Injector 6), Y112 (Injector 5), Y111 (Injector 4), Y110 (Fuel injector 3), Y108 (Injector 1), and Y109 (Injector 2).
- Idle air control valve (IAC):** Y133.
- Mass Air Flow (MAF) sensor (B22):** Connected to the PCM power relay.

Wiring Details:

- The battery junction (P93) provides power to the PCM power relay (K163) and the fuel injectors (Y113, Y112, Y111, Y110, Y108, Y109).
- The central junction (P91) provides power to the PCM power relay (K163) and the idle air control valve (Y133).
- The PCM power relay (K163) provides power to the MAF sensor (B22).

Diagram 303-04-00-2

Early production

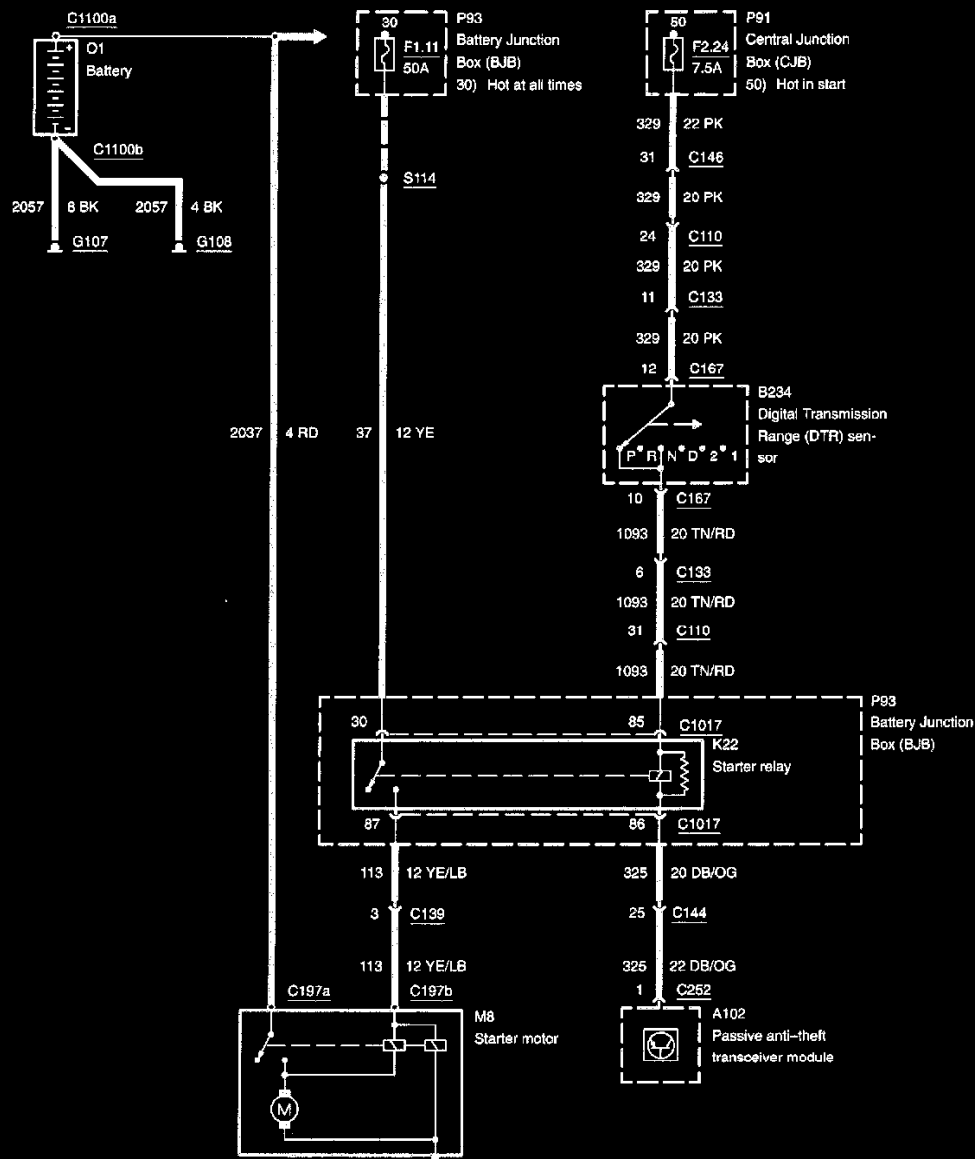


Diagram 303-06-00-1

Late production

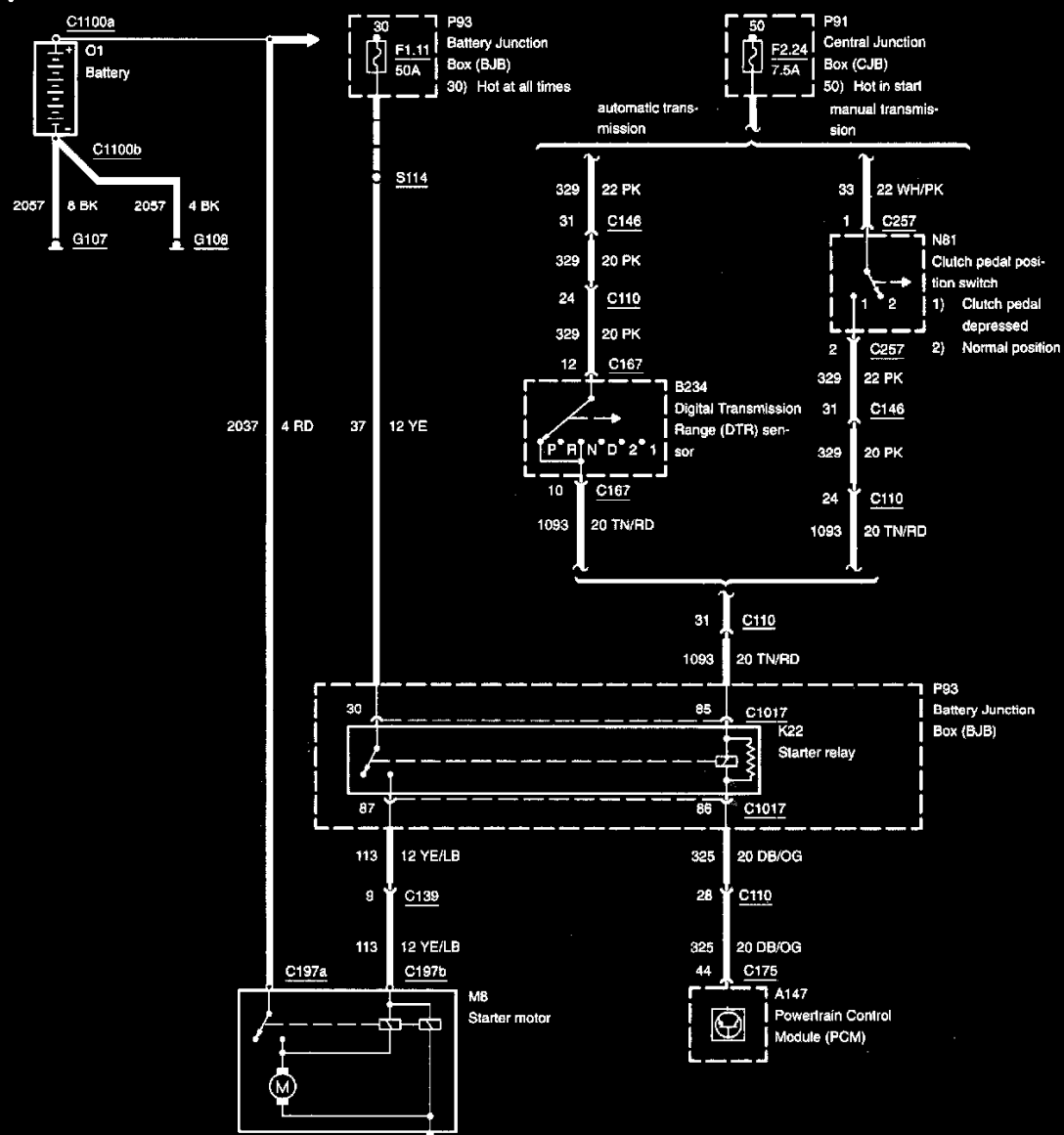


Diagram 303-06-00-2



Diagram 303-07-00-1

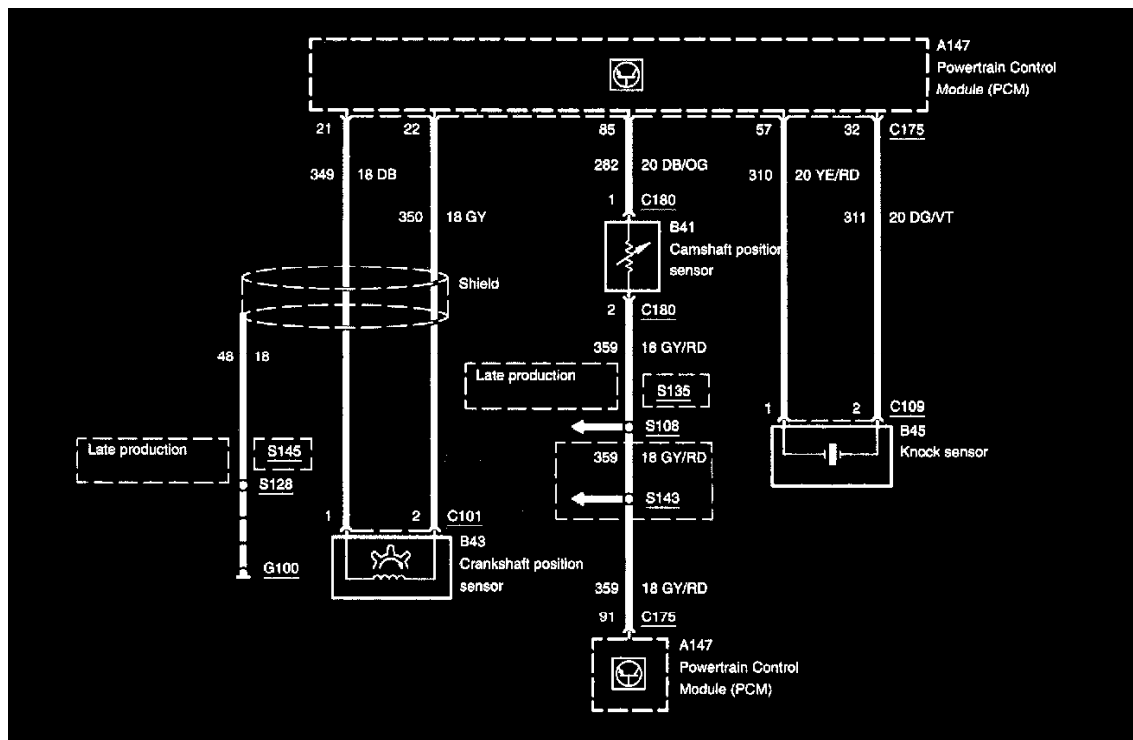
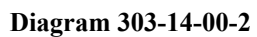


Diagram 303-07-00-2

[illegible]

Diagram 303-14-00-1



Early production

15 P93
Battery Junction
Box (BJB)
15A 15) Hot in start or run

A147
Powertrain Control
Module (PCM)

35 18 LB/OG
34 18 LB/OG
8 18 LB/OG
34 18 LB/OG
34 18 LB/OG
1 18 LB/OG
2 18 WH/BK
9 18 WH/BK
95

392 18 RD/LG
4 C134
392 18 RD/LG
4 C142
389 18 WH/BK
89 18 OG
359 18 GY/RD
389 18 WH/BK
93

S106
18 LB/OG
1
2
4 C171
B48
Heated Oxygen
Sensor (HO2S) #11
3 C171
89 18 OG
303-14-00-2

S100
18 LB/OG
1
2
3 C172
B47
Heated Oxygen
Sensor (HO2S) #21
3 C172
388 18 YE/LB
8 C133
89 18 OG
388 18 YE/LB
94

60 18 GY/LB
74
87 18 RD/BK
5 18 RD/BK
94 18 RD/BK
61 C175
393 18 VT/LG
10 C133
393 18 VT/LG
6 C133
390 18 TN/YE
96 C175

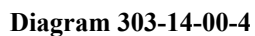
not used

S132

A147
Powertrain Control
Module (PCM)

Diagram 303-14-00-3

30
F2.9
7.5A
P91
Central Junction
Box (CJB)
30) Hot at all times



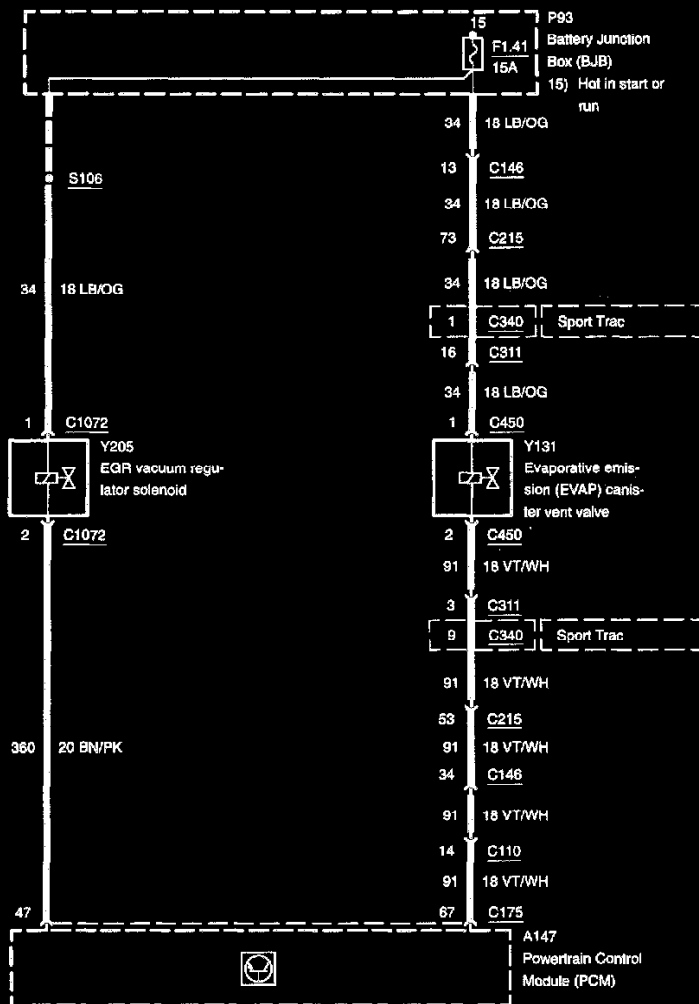
Early production

Diagram 303-14-00-5

Early production

Early production

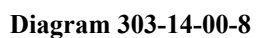
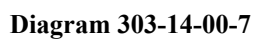
Legend:

- P93 Battery Junction Box (BJB)
- 30) Hot at all times
- 15) Hot in start or run

Wiring Diagram Details:

- Top Section:**
 - 30 F1.23 20A
 - 30 F1.7 30A
 - 1059 14 LB/OG
 - 554 14 YE/BK
- PCM Power Relay Section:**
 - 30 C1016
 - 15 K163 PCM power relay
 - 87 361 14 RD
 - 85 570 18 BK/WH
 - G104
- Fuel Pump Relay Section:**
 - 3 C1051
 - 1 K4 Fuel pump relay
 - 5 C1051
 - 2 C1051
 - 238 14 DG/YE
 - 926 20 LB/OG
 - S111 18 DG/YE
 - 5 C146
 - 238 18 DG/YE
 - 40 15 20 LB/OG
 - 238 926 20 LB/OG
 - 56 80
- EVAP Canister Purge Valve Section:**
 - 361 14 RD
 - S113
 - 1 C1029
 - Y134 EVAP canister purge valve
 - 2 C1029
 - 191 18 LG/BK
 - 39 C110
 - 191 18 LG/BK
 - 56 C175
- Powertrain Control Module (PCM) Section:**
 - A147 Powertrain Control Module (PCM)
 - 3 C282
 - 787 14 PK/BK
 - 921 22 GY/OG
 - 10 C220b
 - A30 Instrument cluster
 - 67 Fuel cut-off indicator
- Other Components:**
 - N316 Inertia Fuel Shutoff (IFS) switch
 - 1) Normal
 - 2) Post impact
 - 303-14-00-7

Diagram 303-14-00-6



[illegible]

Diagram 303-14-00-9

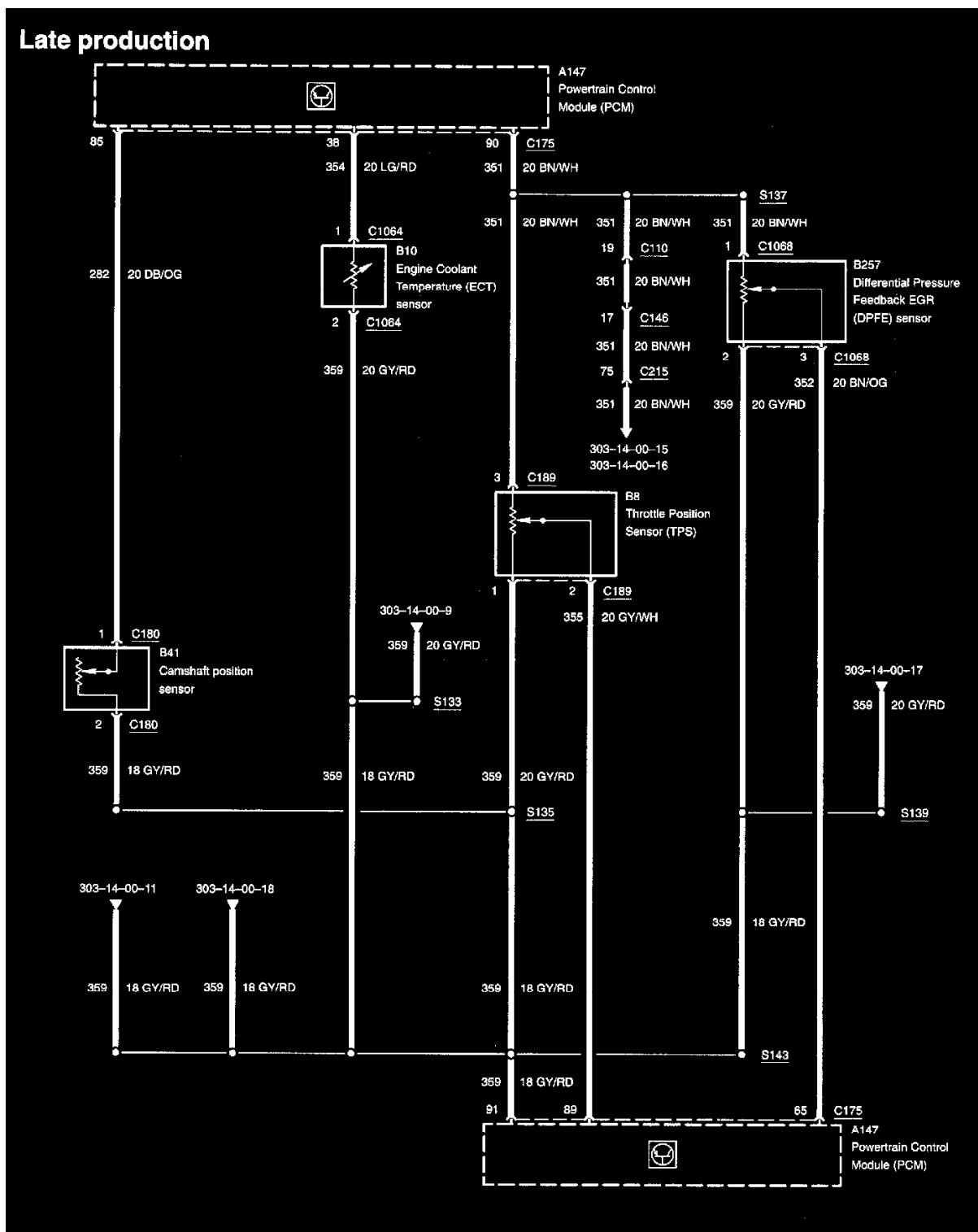


Diagram 303-14-00-10

15 P93
Battery Junction
Box (BJB)
15A
15) Hot in start or
run

A147
Powertrain Control
Module (PCM)

35 18 RD/LG
392 18 RD/LG
34 18 LB/OG
1 18 LB/OG
4 18 LB/OG
C142
B88
Heated Oxygen
Sensor (HO2S) #12
2 18 OG
3 18 OG
C142
89 18 OG
389 18 WH/BK
95 18 WH/BK
61 18 VT/LG
303-14-00-10

**automatic trans-
mission**
A254
SR55E Transmis-
sion
3 18 GY/RD
8 18 GY/RD
359 18 GY/RD
359 18 GY/RD
C199

67 18 RD/BK
94 18 RD/BK
34 18 LB/OG
1 18 LB/OG
4 18 LB/OG
C172
B47
Heated Oxygen
Sensor (HO2S) #21
2 18 YE/LB
3 18 YE/LB
C172
389 18 YE/LB
89 18 OG
94 18 RD/WH

60 18 GY/LB
74 18 GY/LB
S141
34 18 LB/OG
1 18 LB/OG
4 18 LB/OG
C171
B48
Heated Oxygen
Sensor (HO2S) #11
2 18 OG
3 18 OG
C171
89 18 OG
S140
387 18 RD/WH
93 18 RD/WH
C175

Diagram 303-14-00-11

Late production

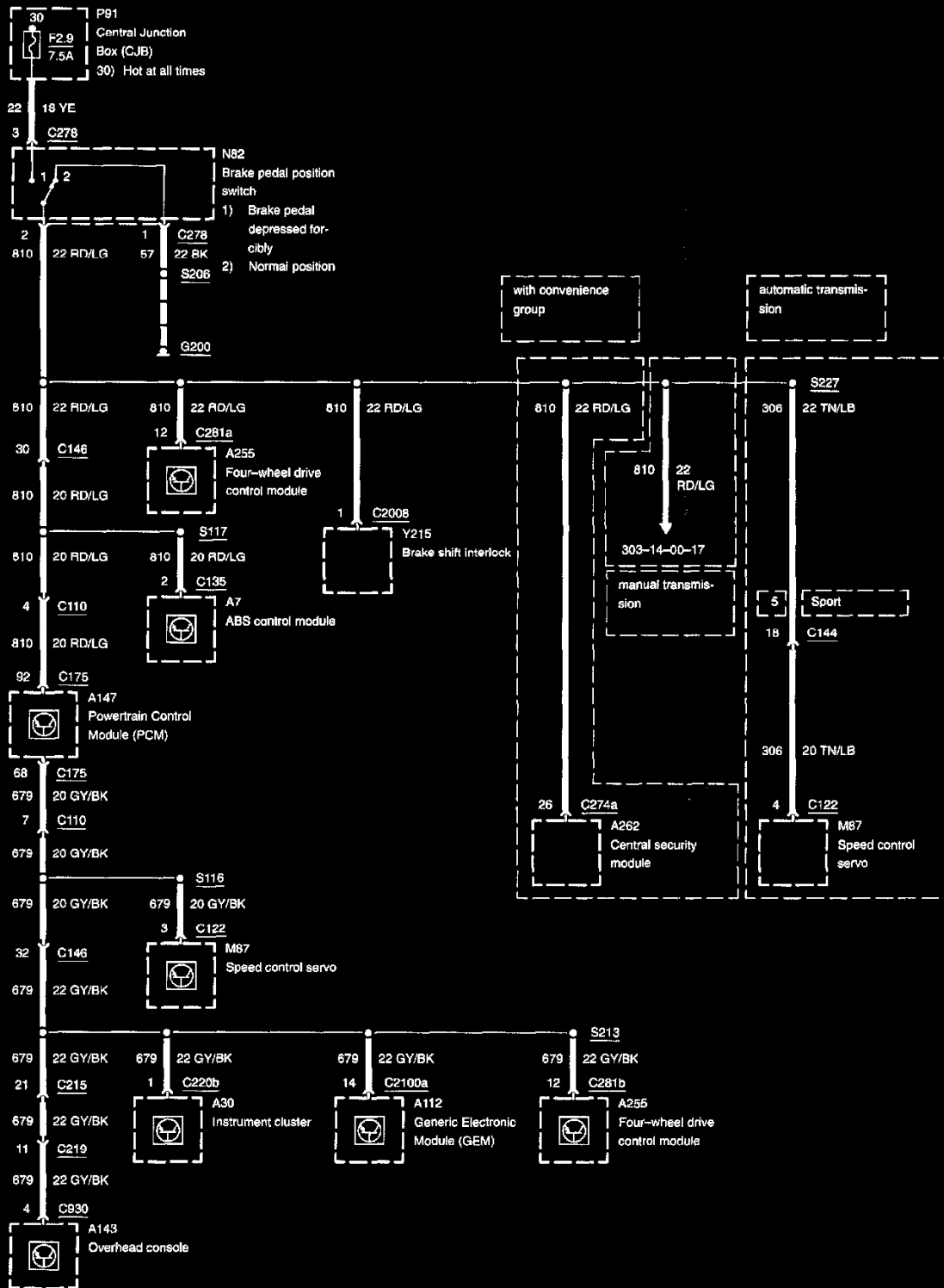


Diagram 303-14-00-12

Late production

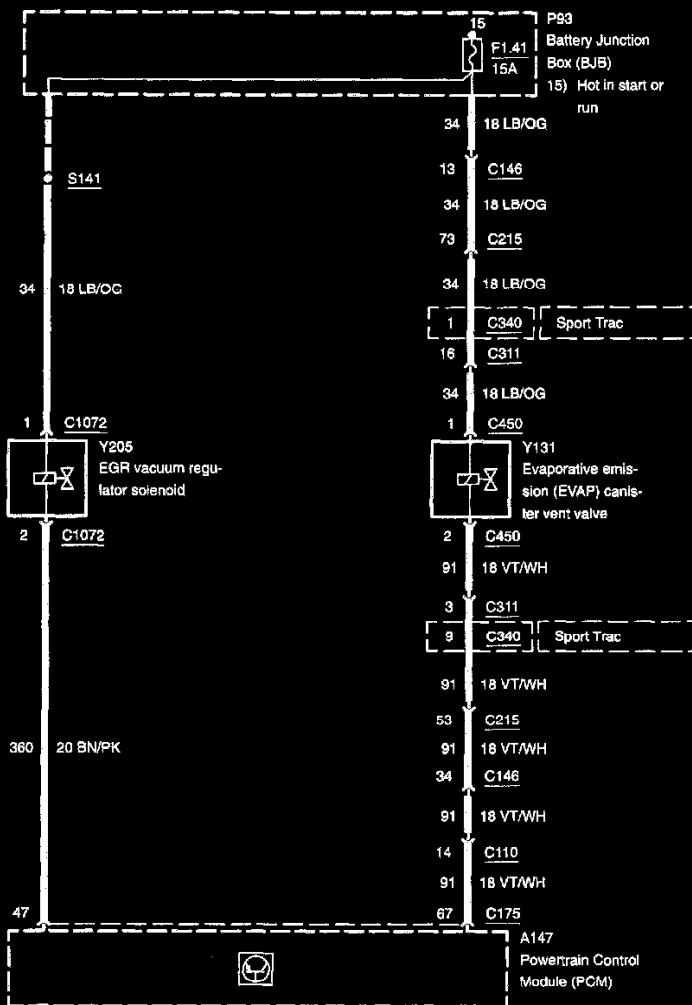
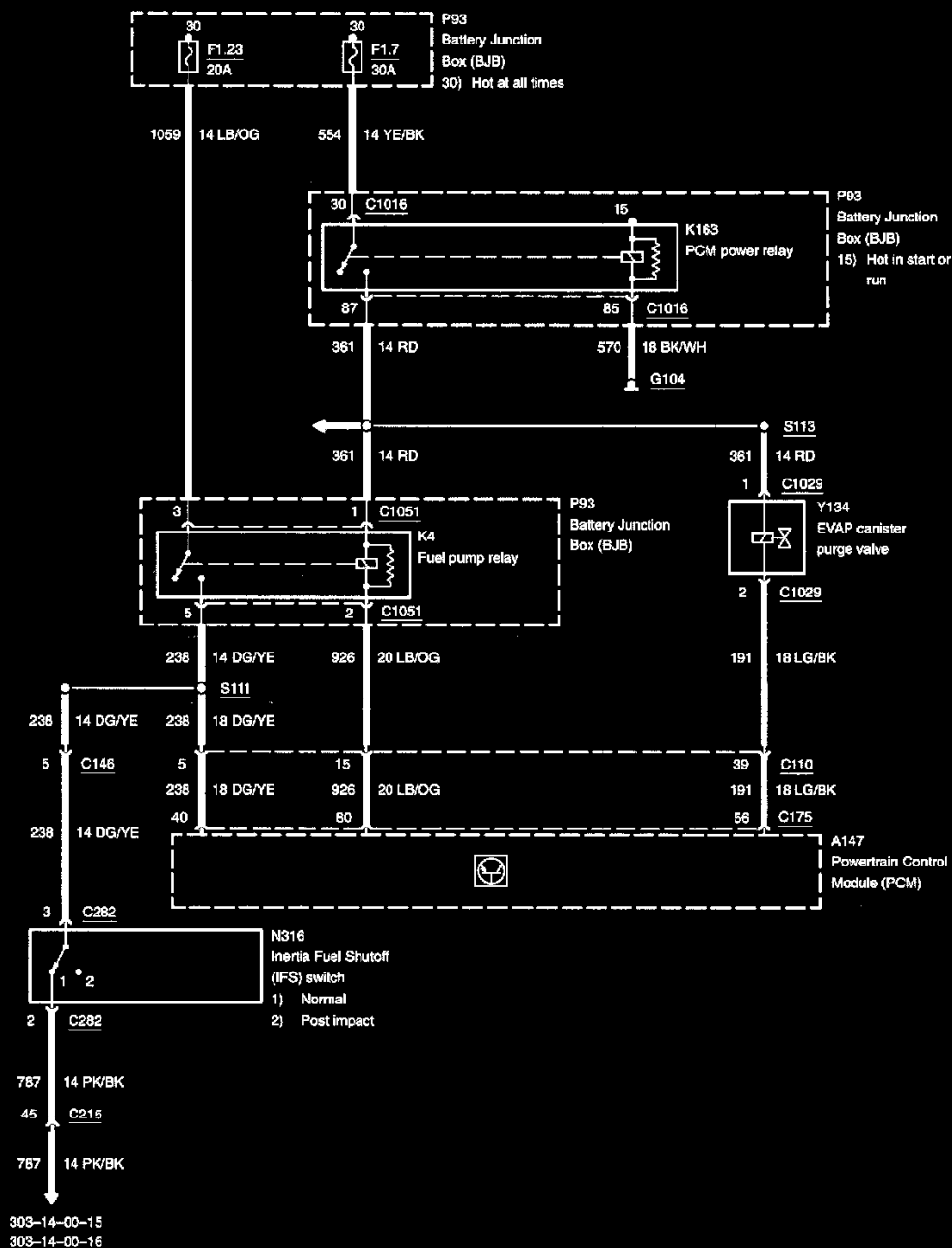


Diagram 303-14-00-13

Late production



Late production

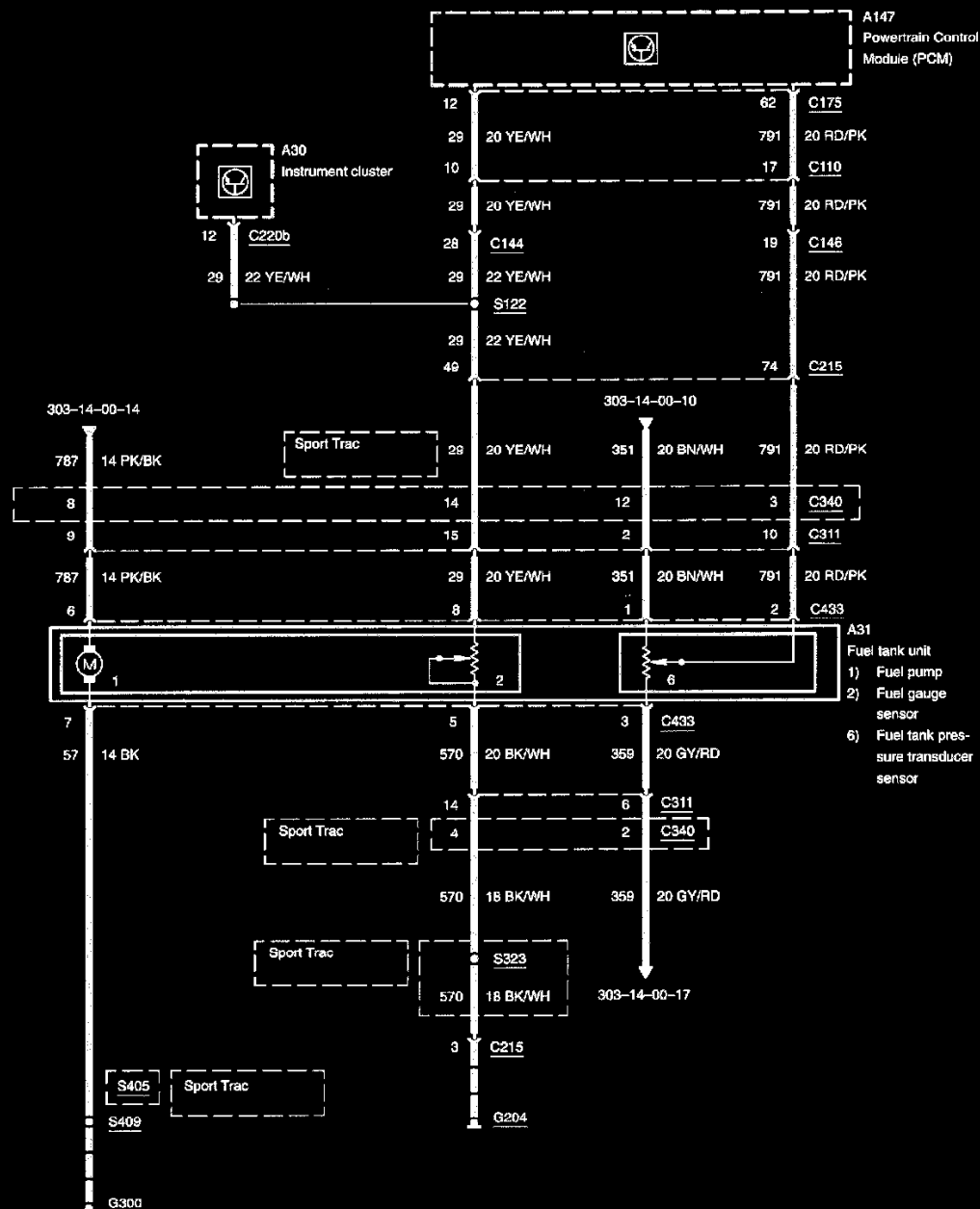
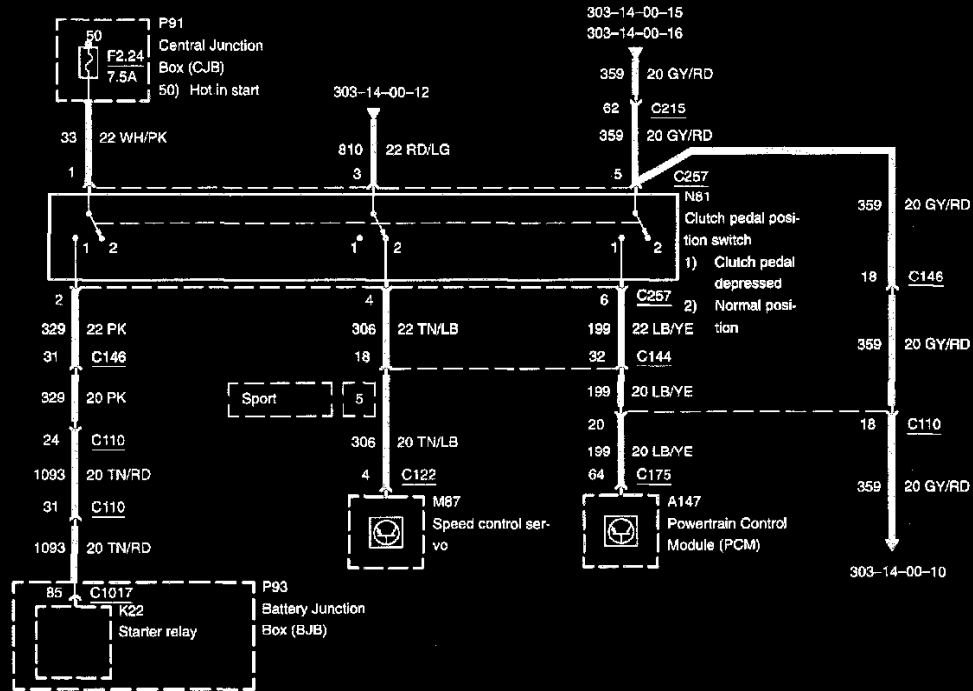
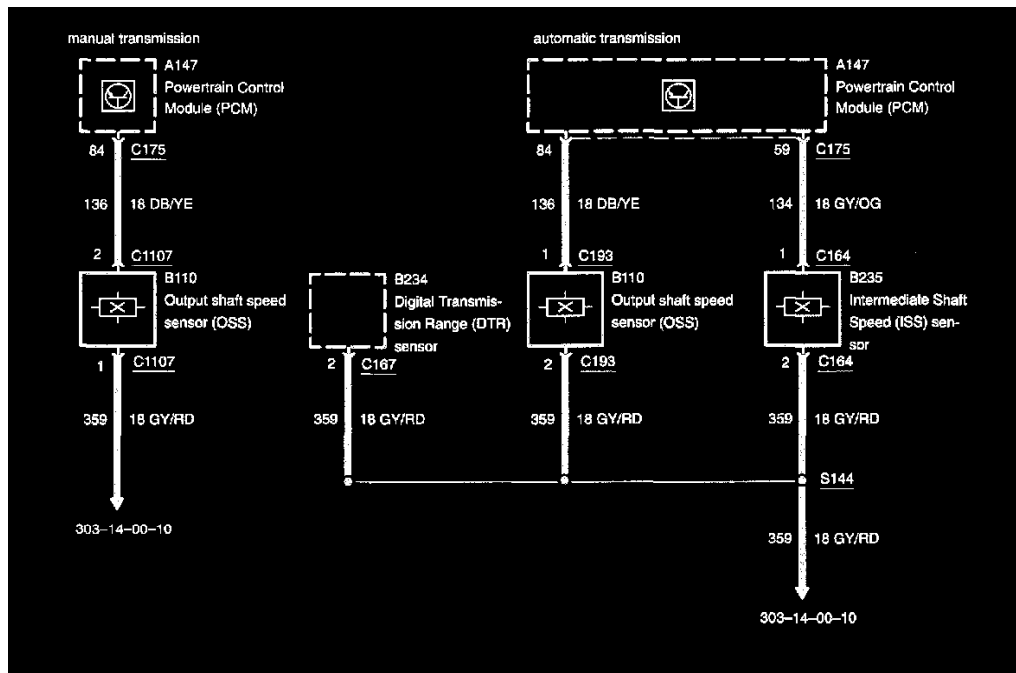


Diagram 303-14-00-15

Diagram 303-14-00-16

Late production, Manual transmission**Diagram 303-14-00-17****Diagram 303-14-00-18**

Early production

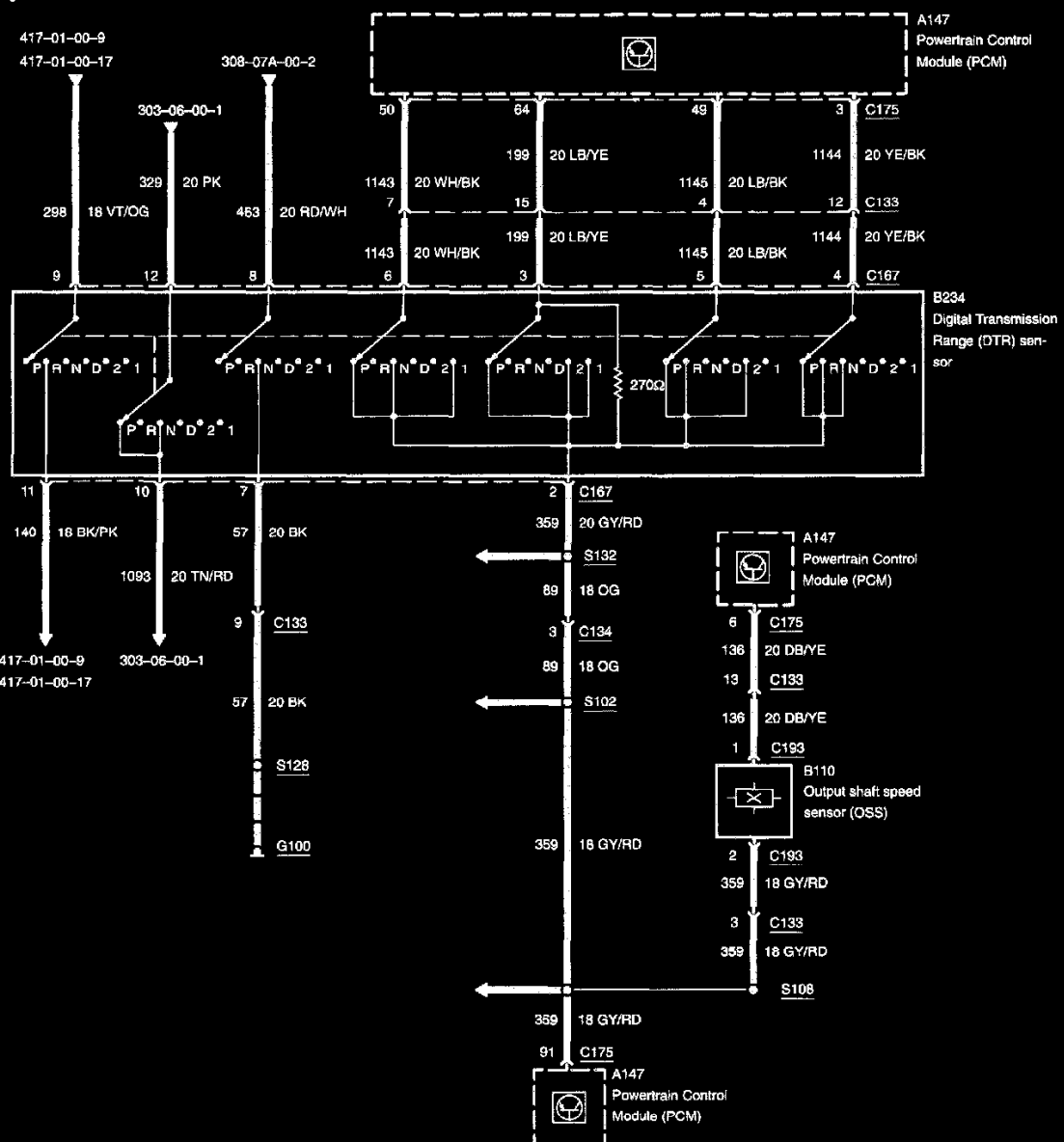


Diagram 307-01-00-1

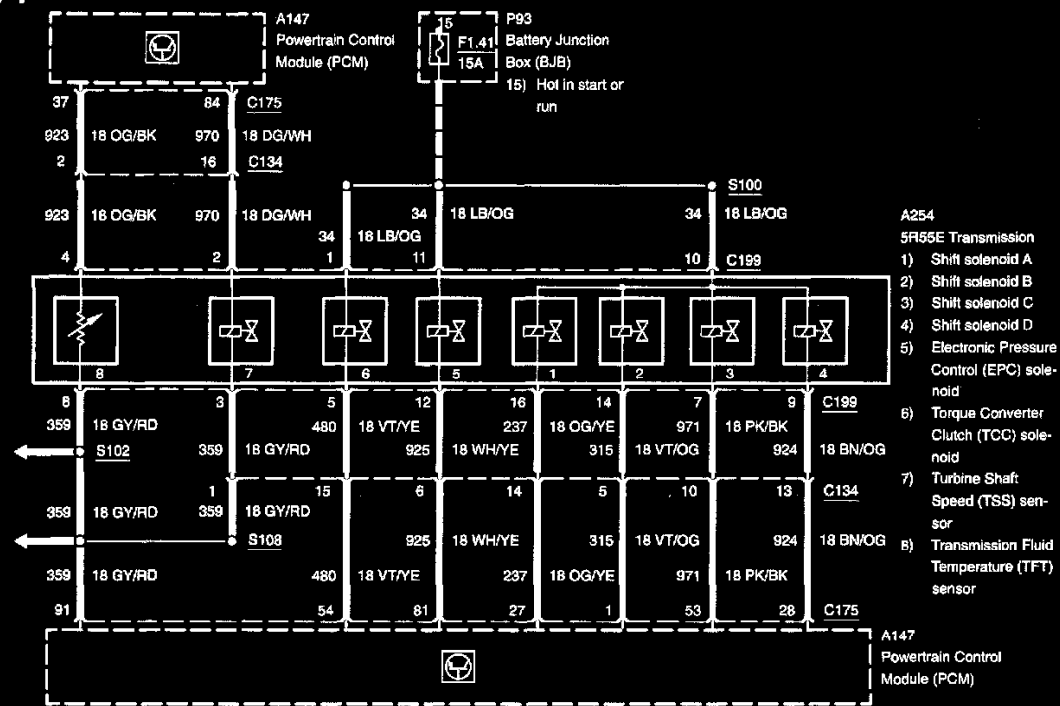
Early production

Diagram 307-01-00-2

417-01-00-10
417-01-00-18

308-07A-00-3

303-06-00-2

298 18 VT/OG

329 20 PK

463 20 RD/WH

1143 20 WH/BK

199 20 LB/YE

1145 20 LB/BK

1144 20 YE/BK

50 64 49 3

9 12 8 6 3 5 4

P R N D 2 1

P R N D 2 1

P R N D 2 1

P R N D 2 1

P R N D 2 1

P R N D 2 1

270Ω

11 10 7 2

140 18 BK/PK

1093 20 TN/RD

57 16 BK

359 18 GY/RD

417-01-00-10
417-01-00-18

303-06-00-2

S145

G100

A147
Powertrain Control
Module (PCM)

B234
Digital Transmission
Range (DTR) sensor

A147
Powertrain Control
Module (PCM)

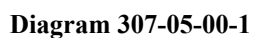
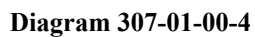
B110
Output shaft speed
sensor (OSS)

B235
Intermediate Shaft
Speed (ISS) sensor

S143

A147
Powertrain Control
Module (PCM)

Diagram 307-01-00-3



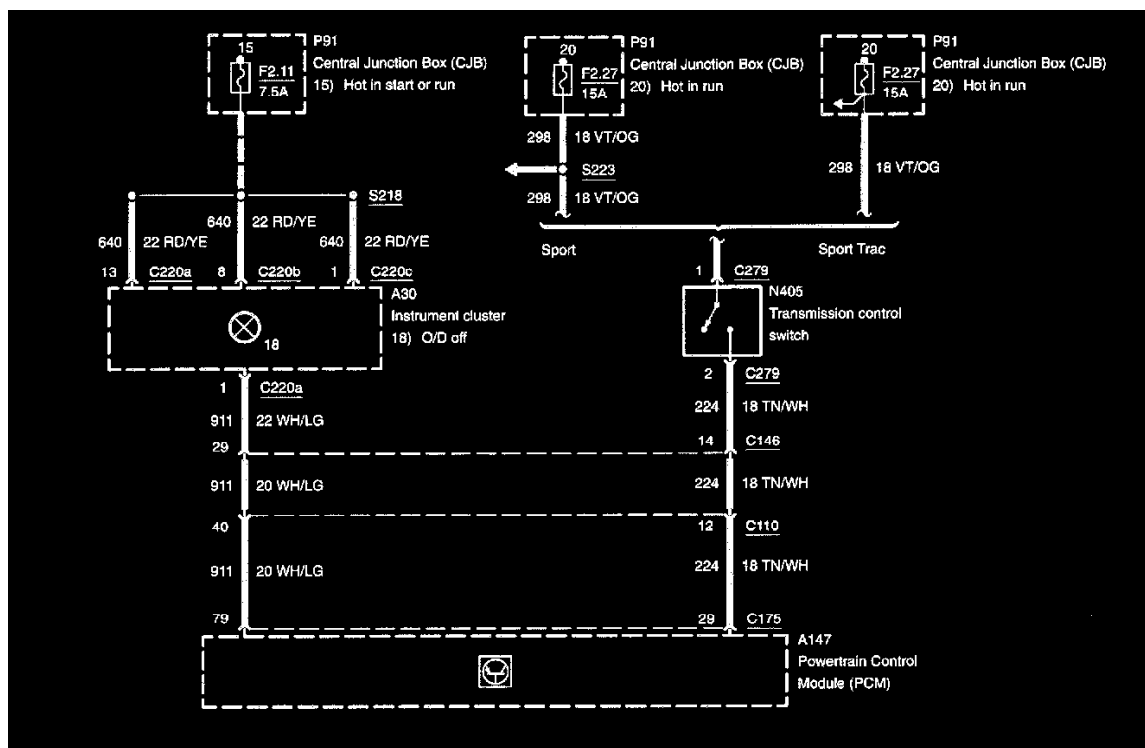


Diagram 307-05-00-2

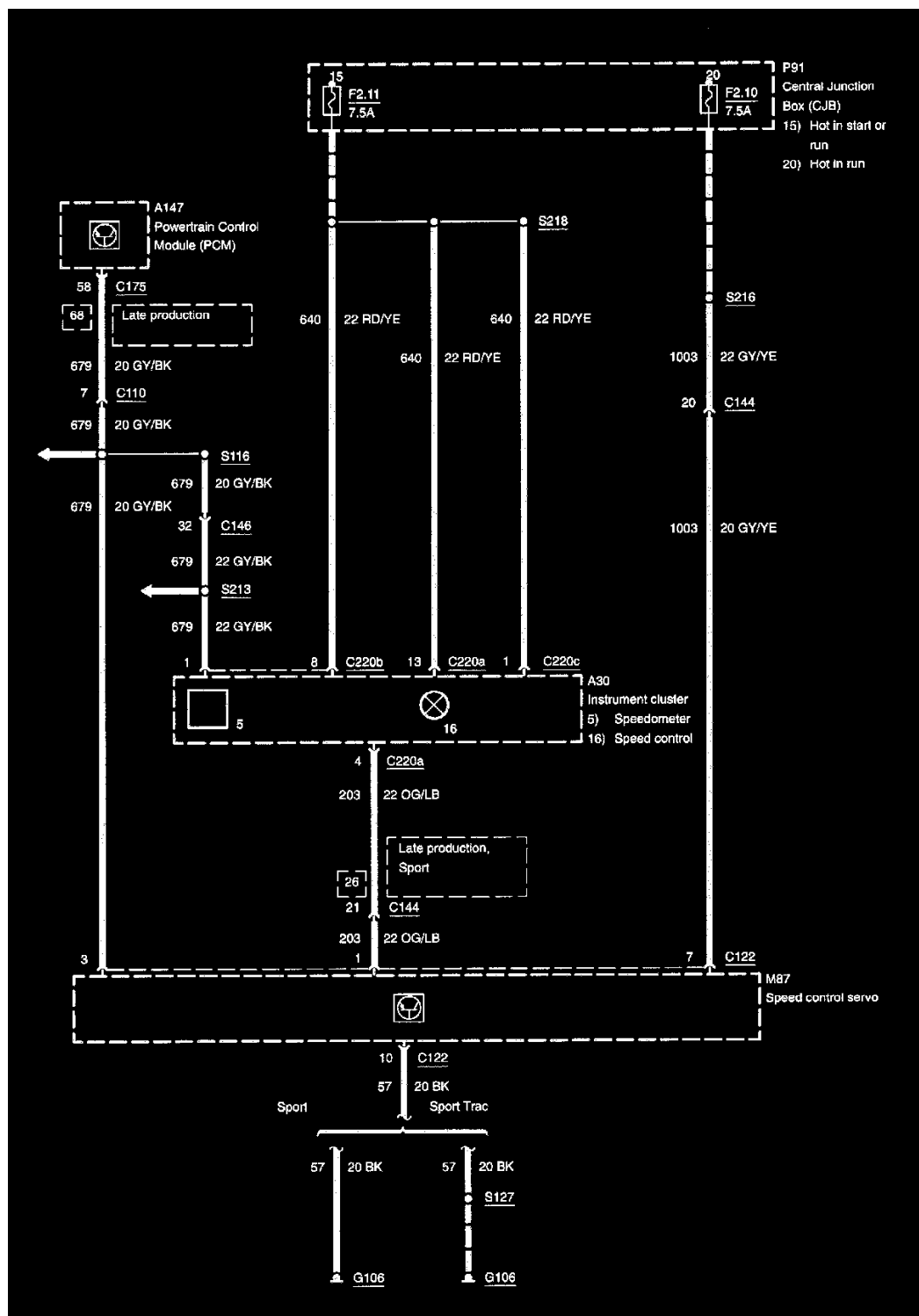


Diagram 310-03-00-1

Early production

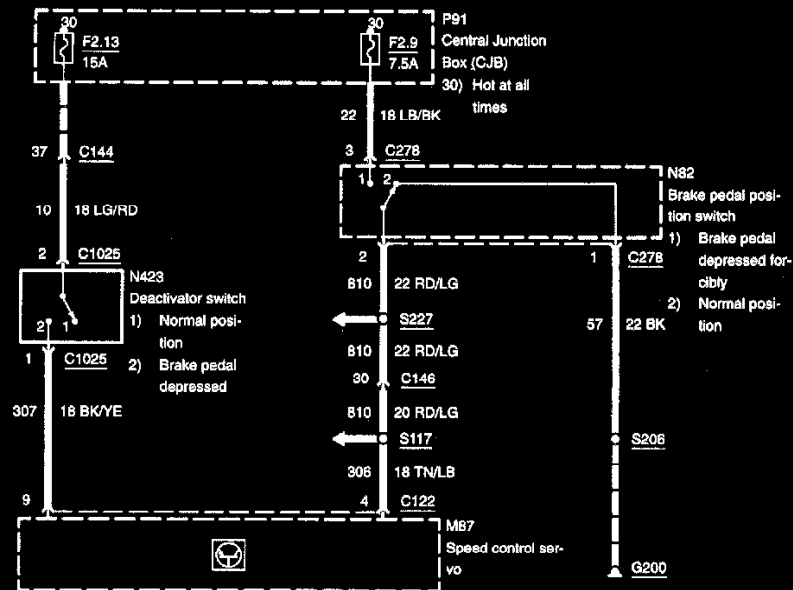


Diagram 310-03-00-2

Late production

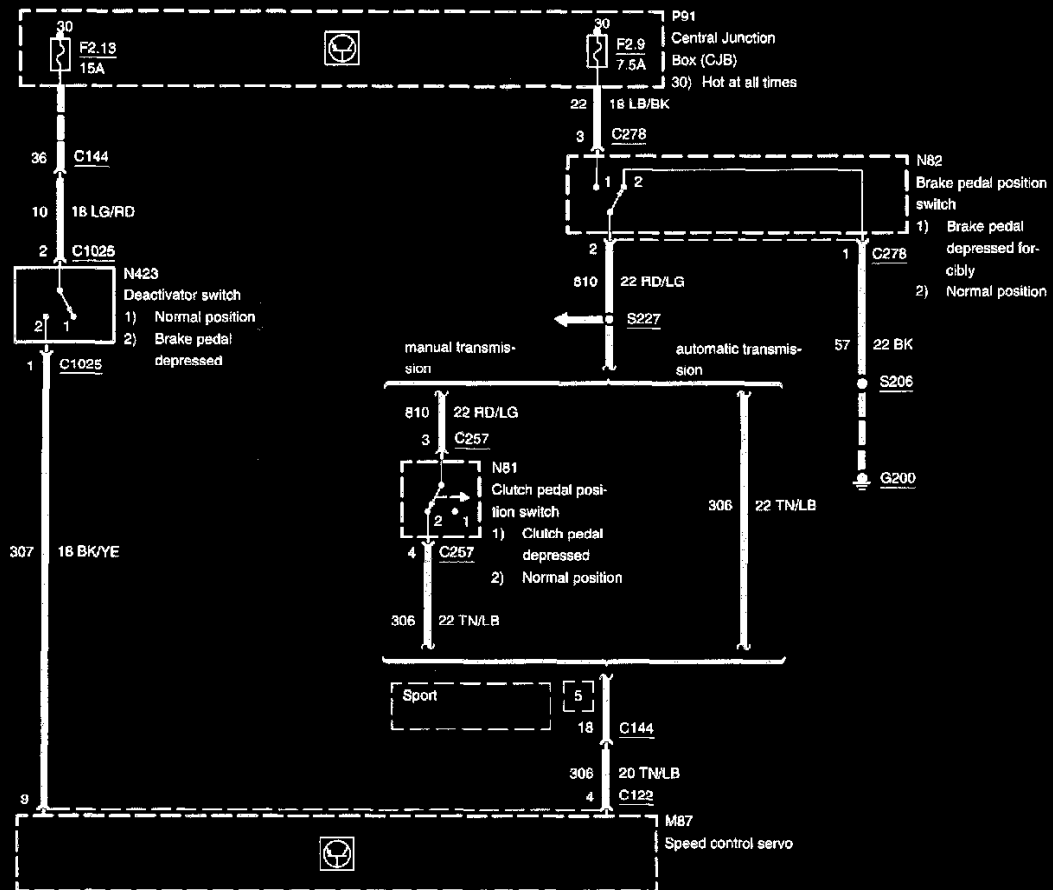


Diagram 310-03-00-3

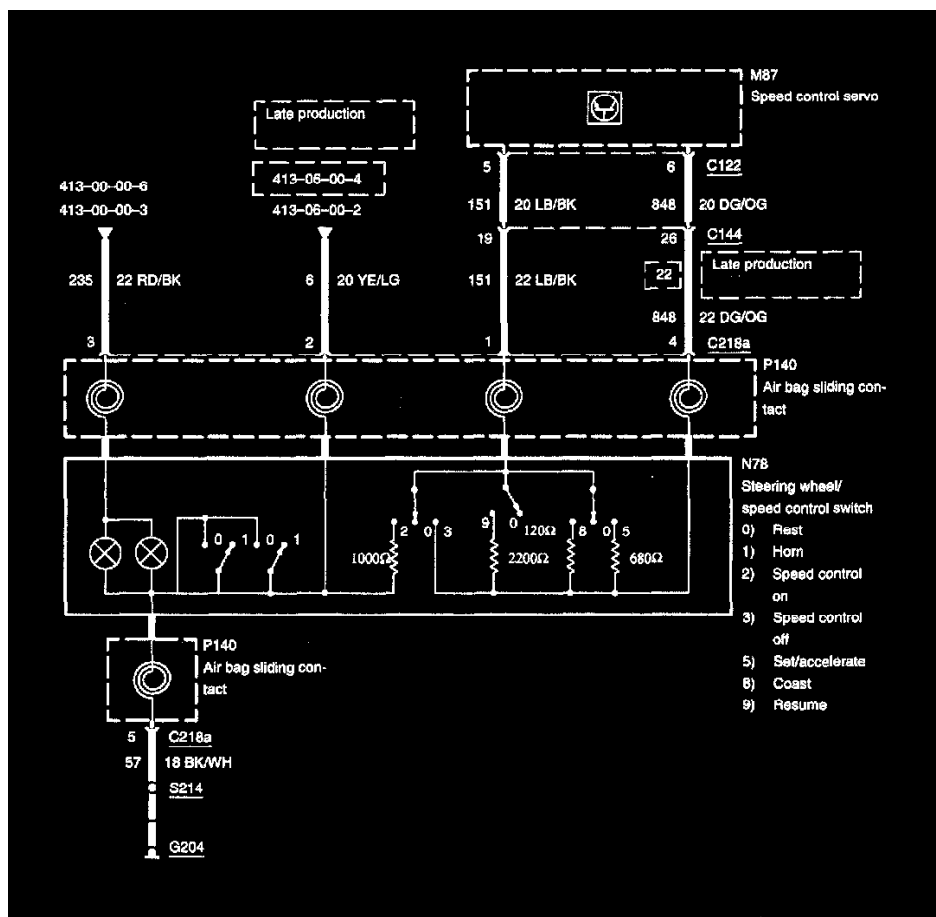


Diagram 310-03-00-4

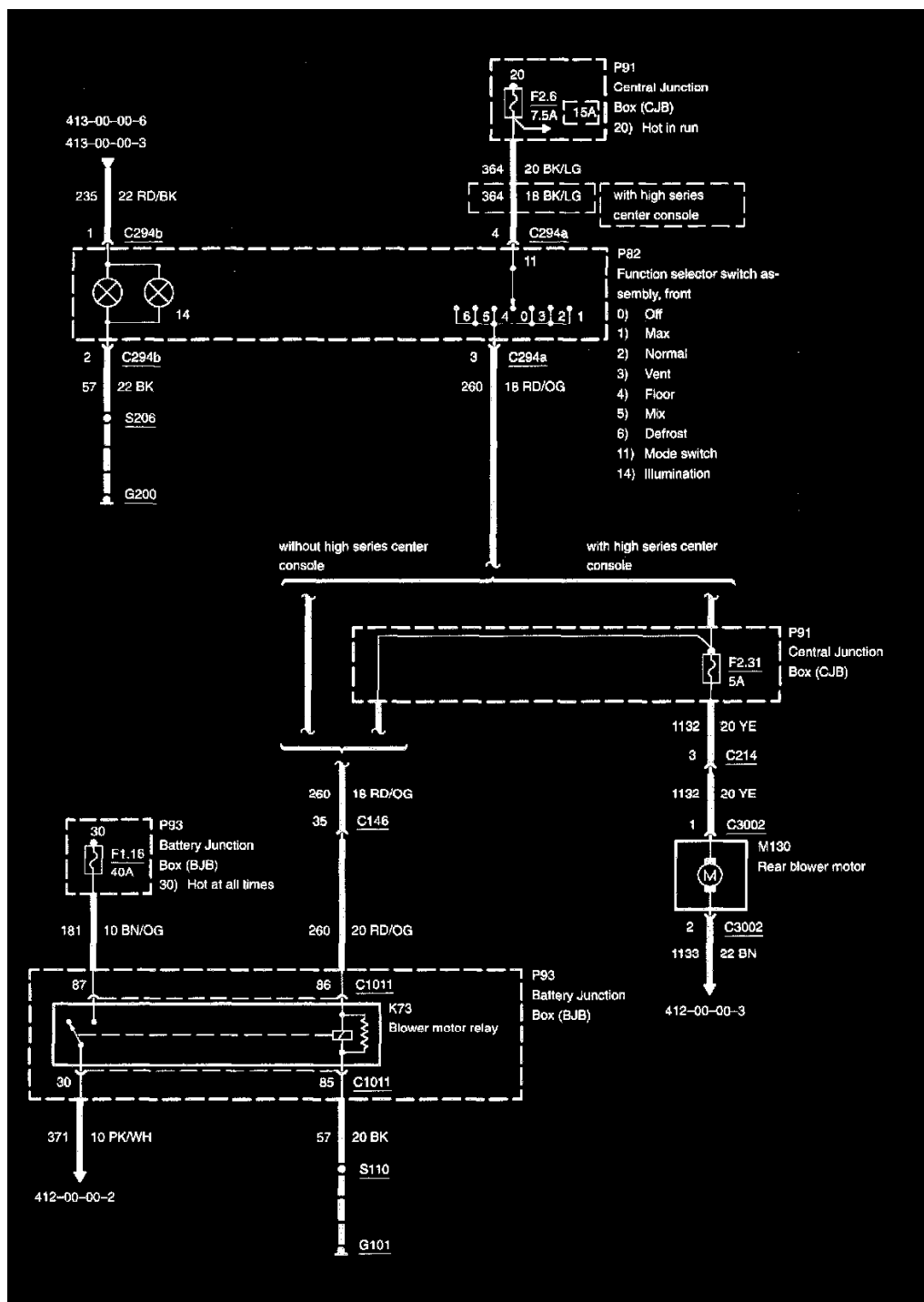


Diagram 412-00-00-1

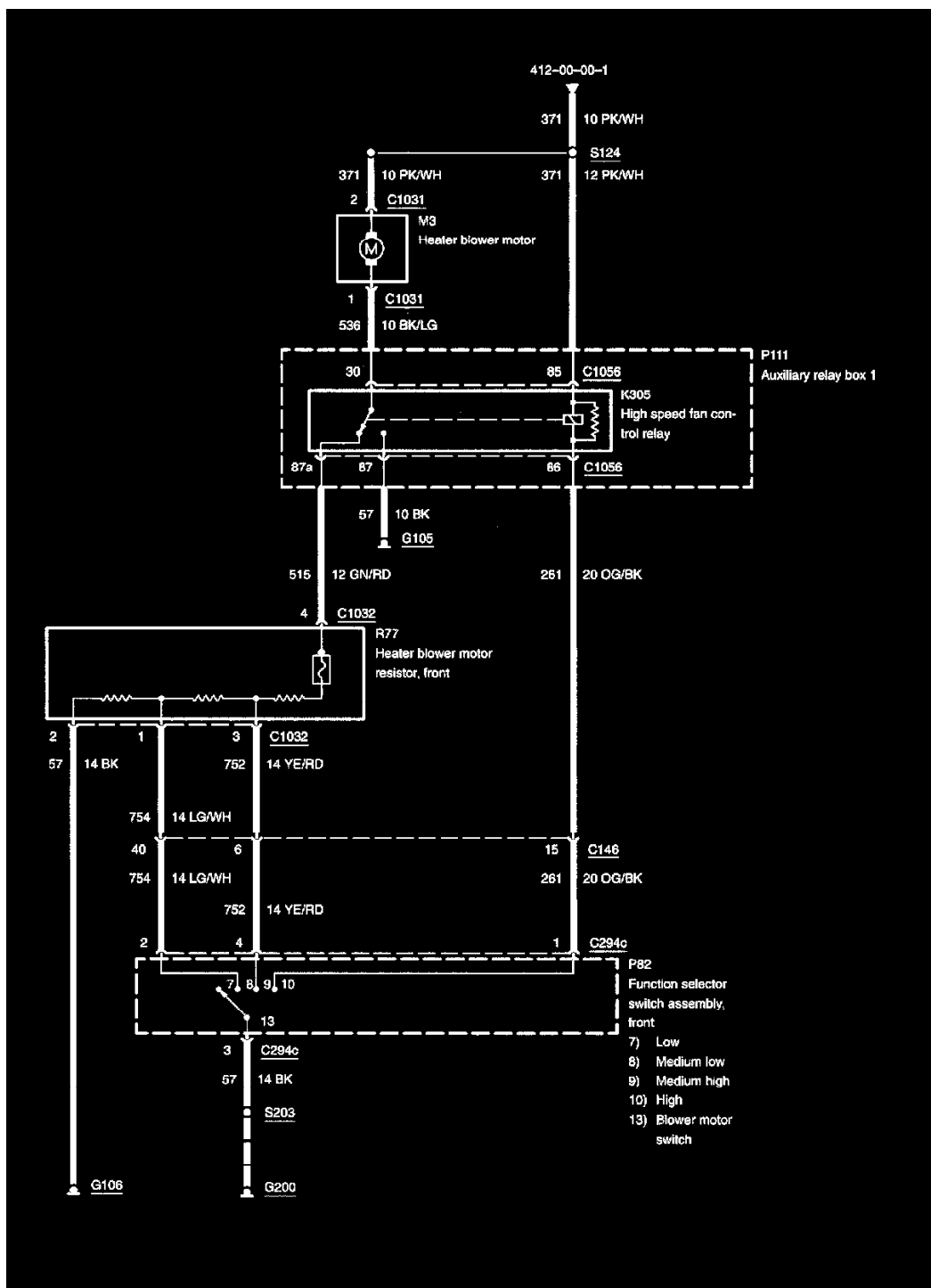


Diagram 412-00-00-2

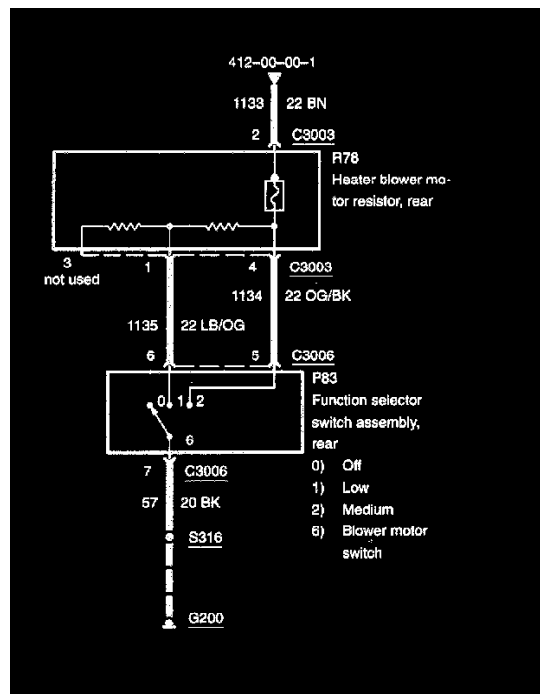


Diagram 412-00-00-3

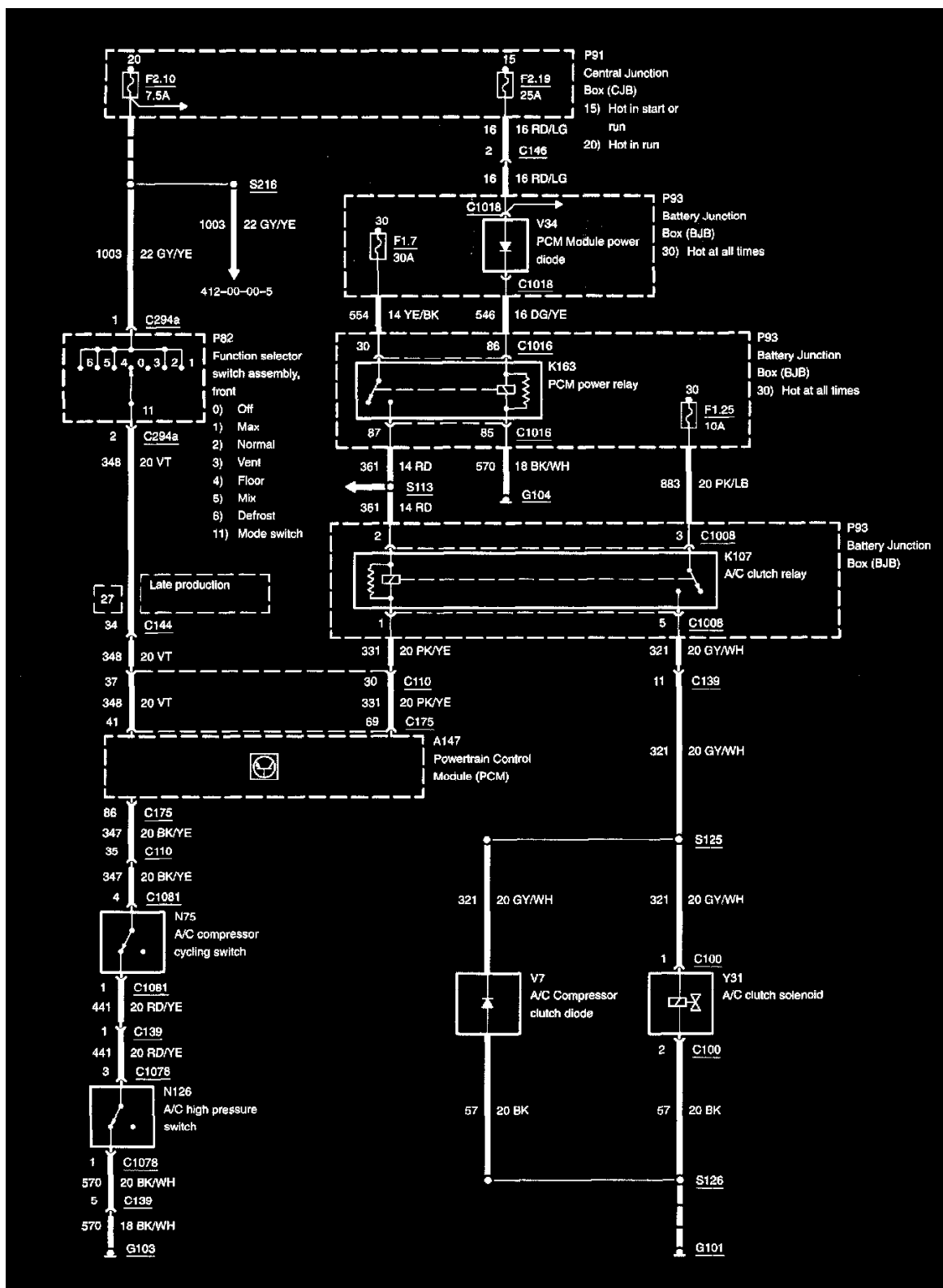


Diagram 412-00-00-4

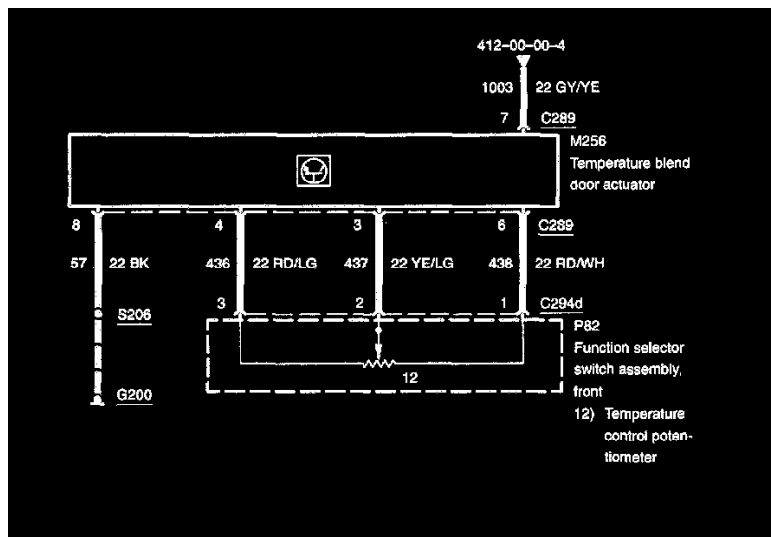


Diagram 412-00-00-5

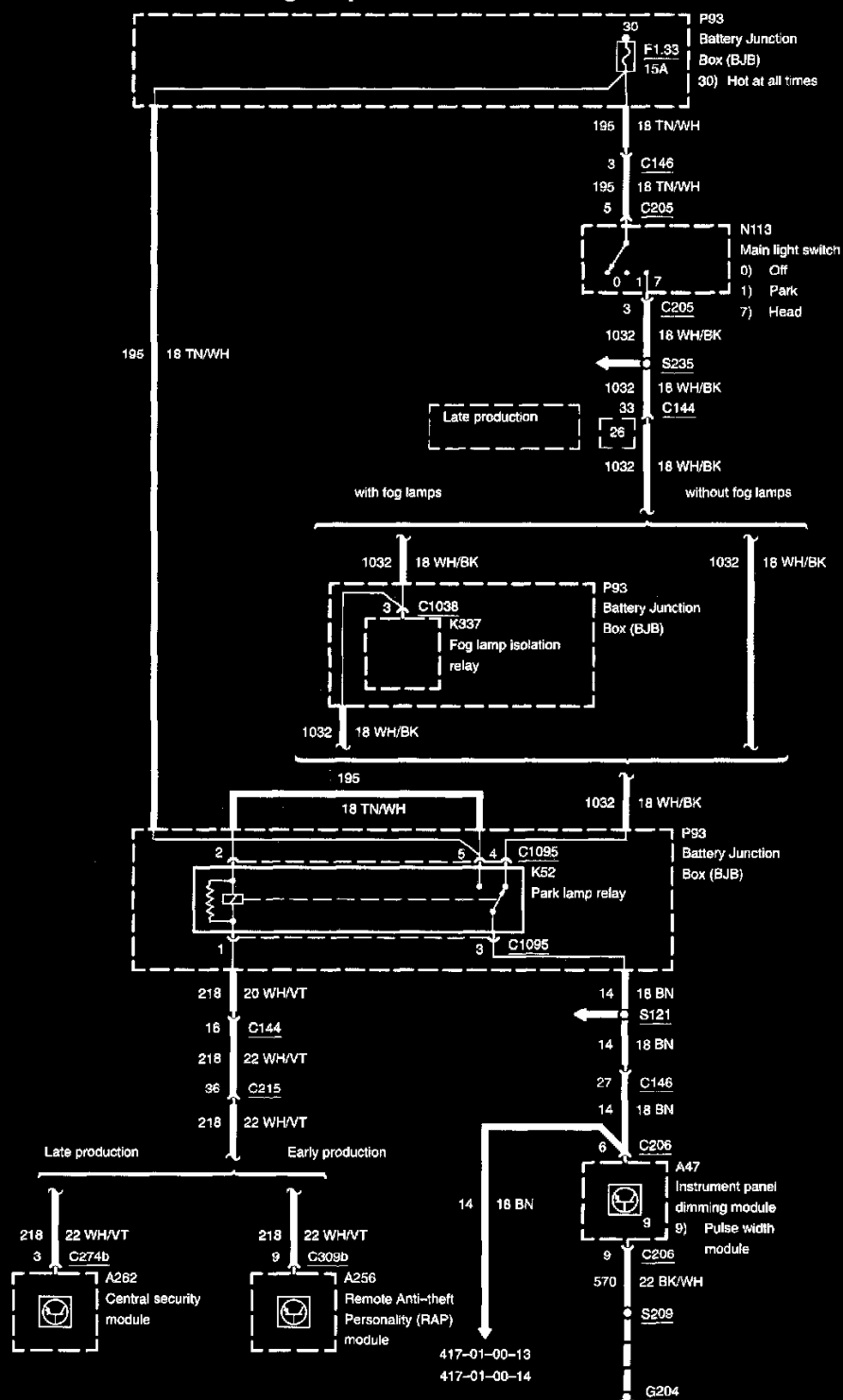
Sport Trac, With convenience group

Diagram 413-00-00-4

Sport Trac, Without convenience group

Diagram 413-00-00-5

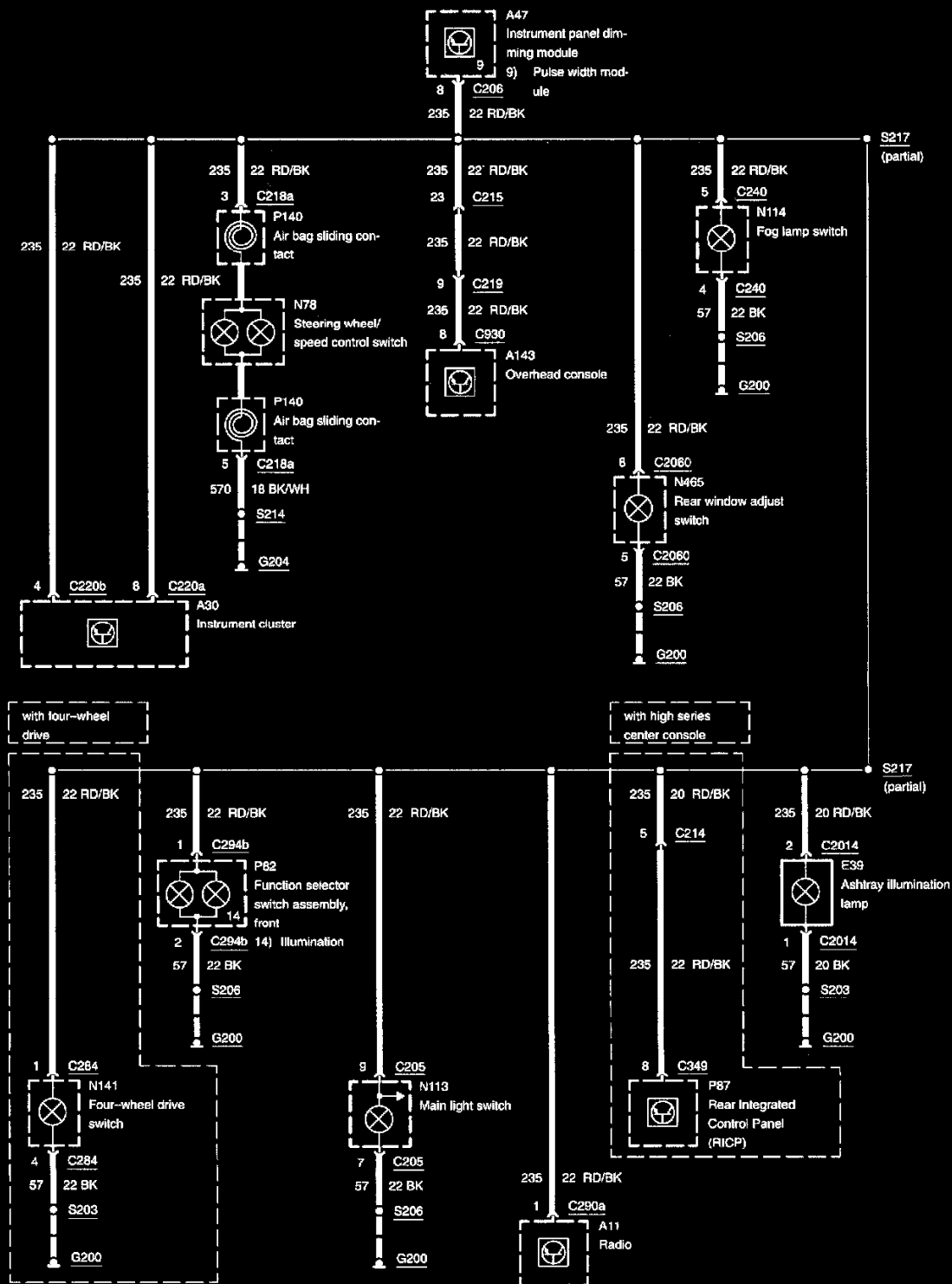
Sport Trac

Diagram 413-00-00-6

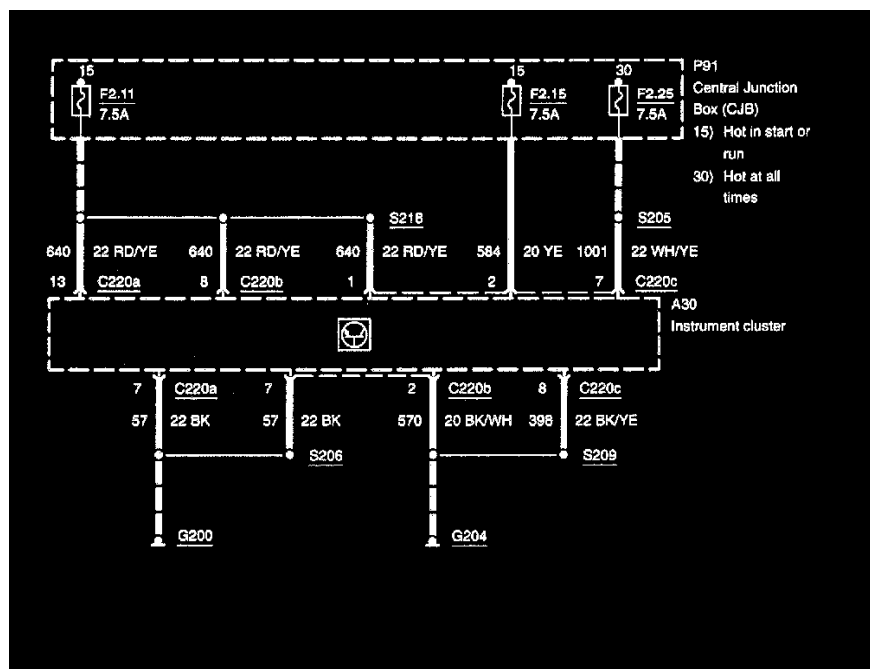


Diagram 413-01-00-1

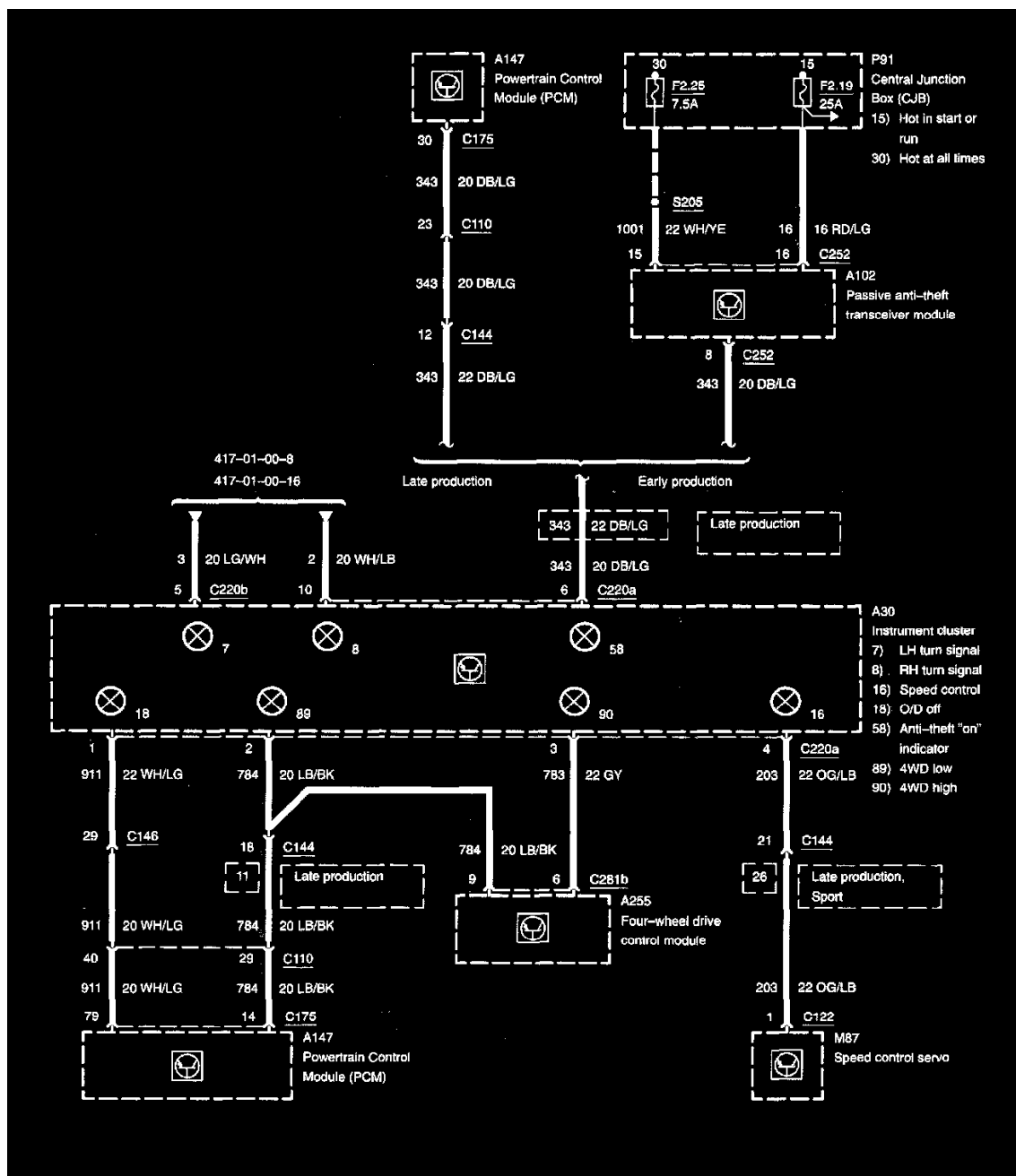


Diagram 413-01-00-2

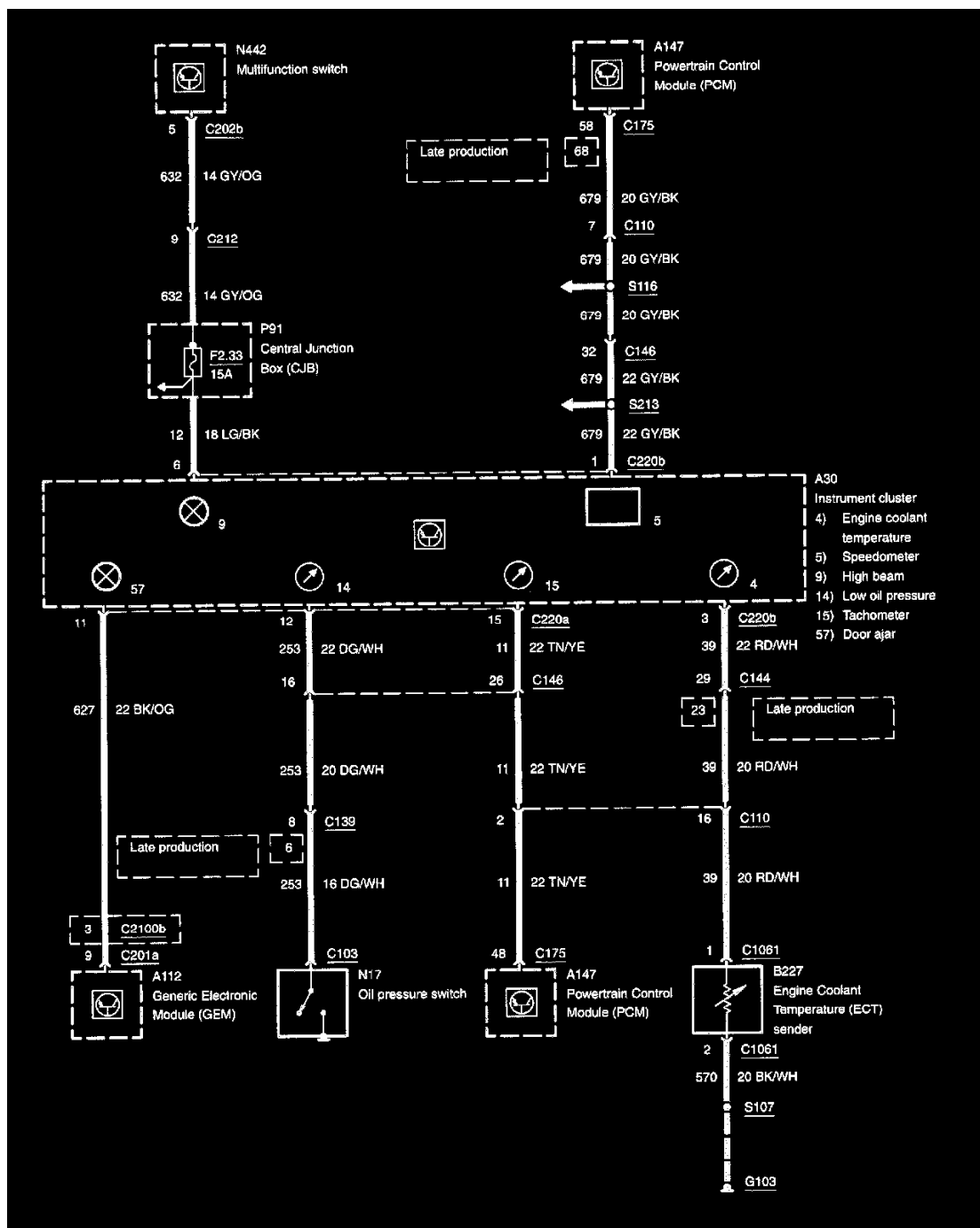


Diagram 413-01-00-3

Early production

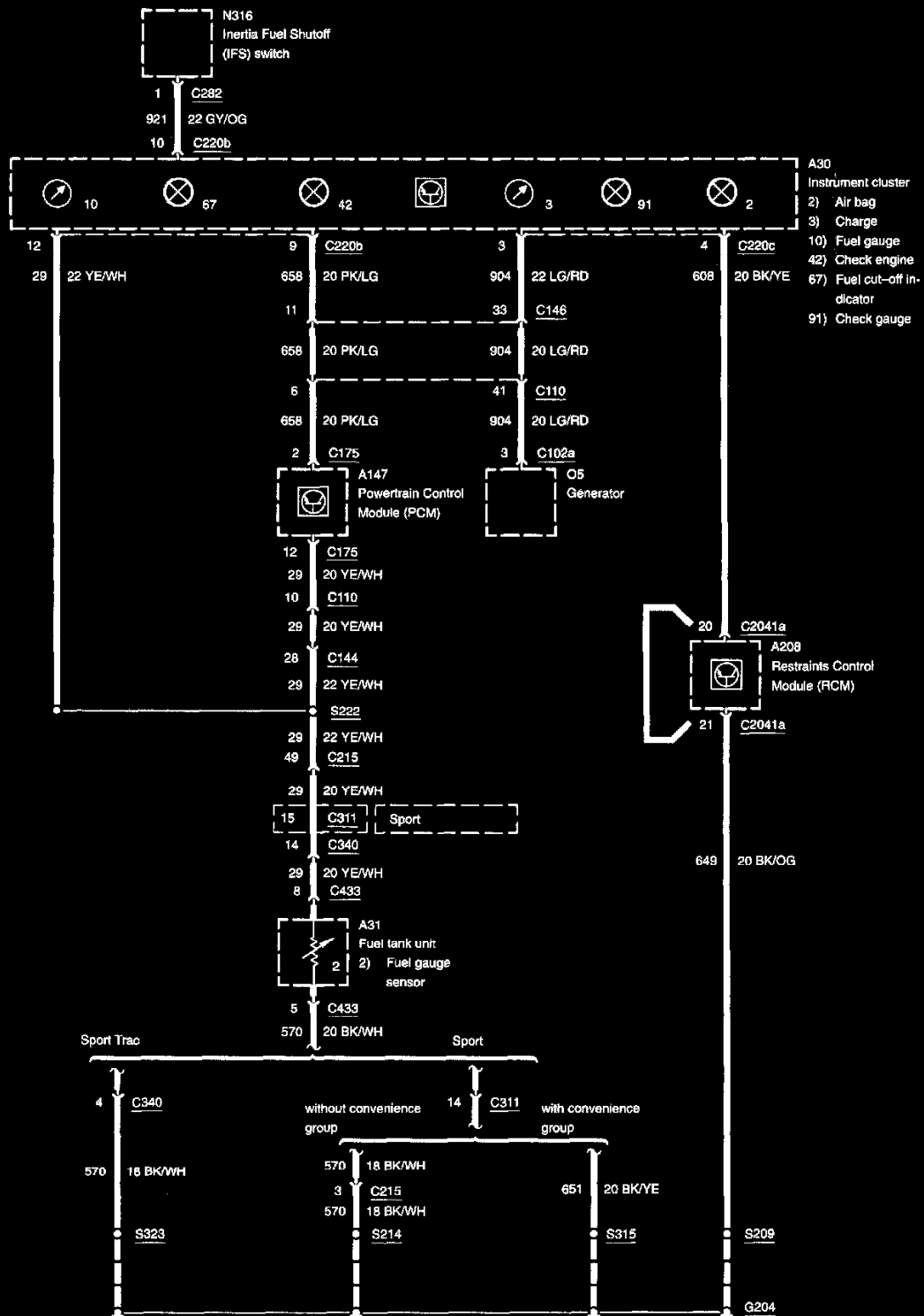


Diagram 413-01-00-4

Late production

Legend:

- A30 Instrument cluster
- 2) Air bag
- 3) Charge
- 10) Fuel gauge
- 42) Check engine
- 91) Check gauge
- 92) Check fuel cap indicator

Diagram Details:

- Top Cluster:** Terminals 10, 92, 42, 3, 91, 2.
- Left Side:**
 - 12, 29: 22 YE/WH
 - 1017, 7: 20 BK/WH, C144
 - 1017: 20 BK/WH
 - 26, 41: 20 BK/WH
 - 1017, 82: 20 BK/WH
 - 12, 29, 10, 28, 29: 20 YE/WH
 - 29: 22 YE/WH
 - 29, 49: 22 YE/WH
 - 29, 15: 20 YE/WH, C311
 - 14: C340
 - 29, 8: 20 YE/WH, C433
 - 8: C4033
 - 4: C4033
 - 5: C433
 - 570: 20 BK/WH
 - 14: C311
 - 4: C340
 - 570: 18 BK/WH
 - 570: 18 BK/WH
 - 3: C215
- Center:**
 - 12, 29, 10, 28, 29: 20 YE/WH
 - 29: 22 YE/WH
 - 29, 49: 22 YE/WH
 - 29, 15: 20 YE/WH, C311
 - 14: C340
 - 29, 8: 20 YE/WH, C433
 - 8: C4033
 - 4: C4033
 - 5: C433
 - 570: 20 BK/WH
 - 14: C311
 - 4: C340
 - 570: 18 BK/WH
 - 570: 18 BK/WH
 - 3: C215
- Right Side:**
 - 3, 904: 22 LG/RD
 - 33, 904: 20 LG/RD
 - 41, 904: 20 LG/RD
 - 3, 904: 20 LG/RD
 - 3: C102a
 - 05: Generator
 - 20, 21: C2041a
 - A208: Restraints Control Module (RCM)
 - 649: 20 BK/OG
 - S209
 - G204
- Modules:**
 - A147: Powertrain Control Module (PCM)
 - A208: Restraints Control Module (RCM)
 - A31: Fuel tank unit
- Other Labels:**
 - Sport
 - with flex fuel
 - Sport Trac

Diagram 413-01-00-5

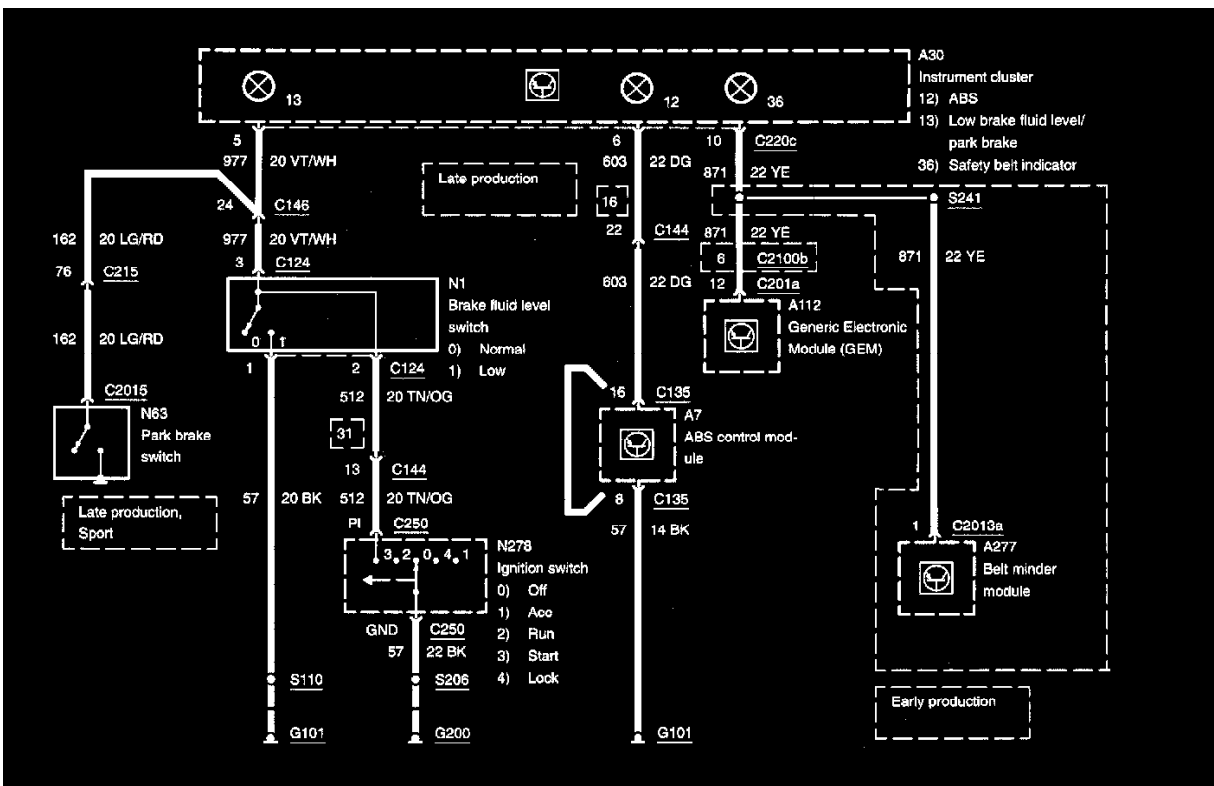


Diagram 413-01-00-6

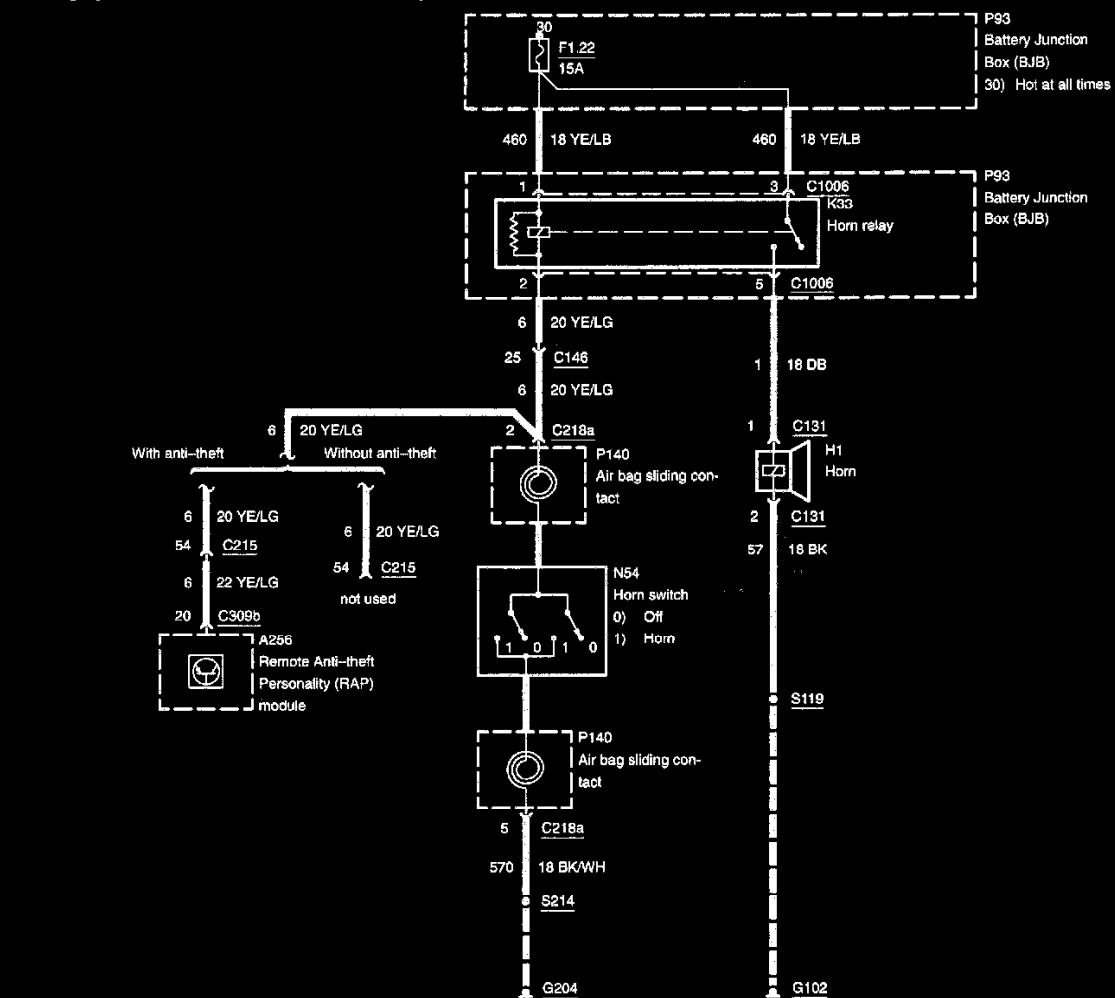


Diagram 413-06-00-1

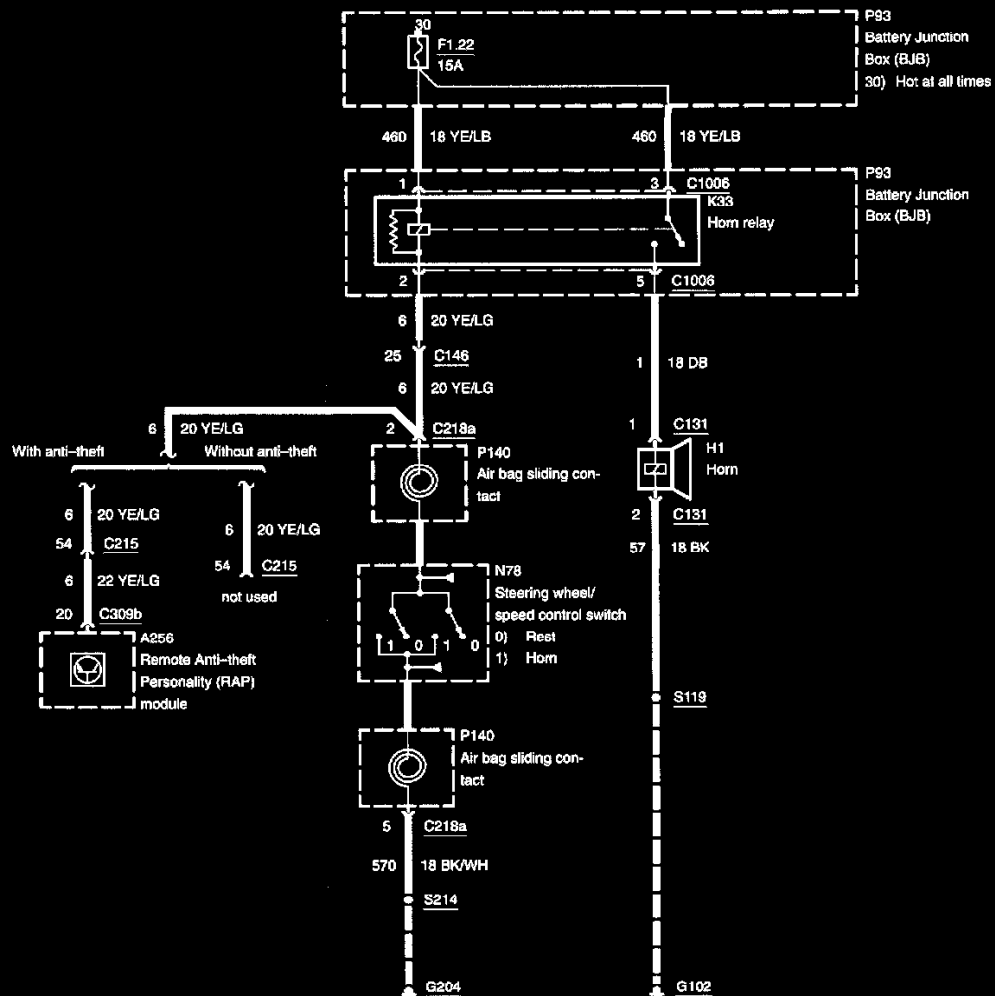
Early production, With speed control

Diagram 413-06-00-2

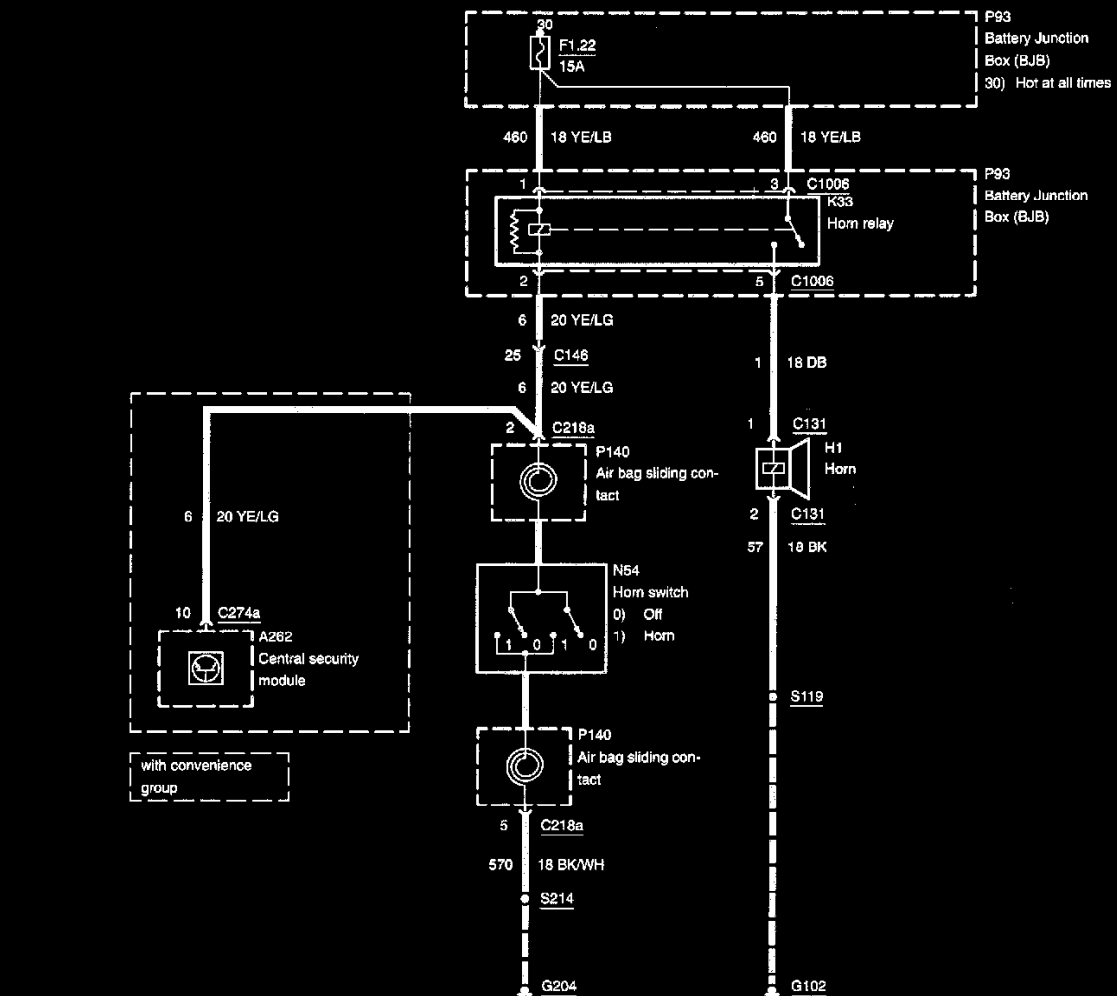


Diagram 413-06-00-3

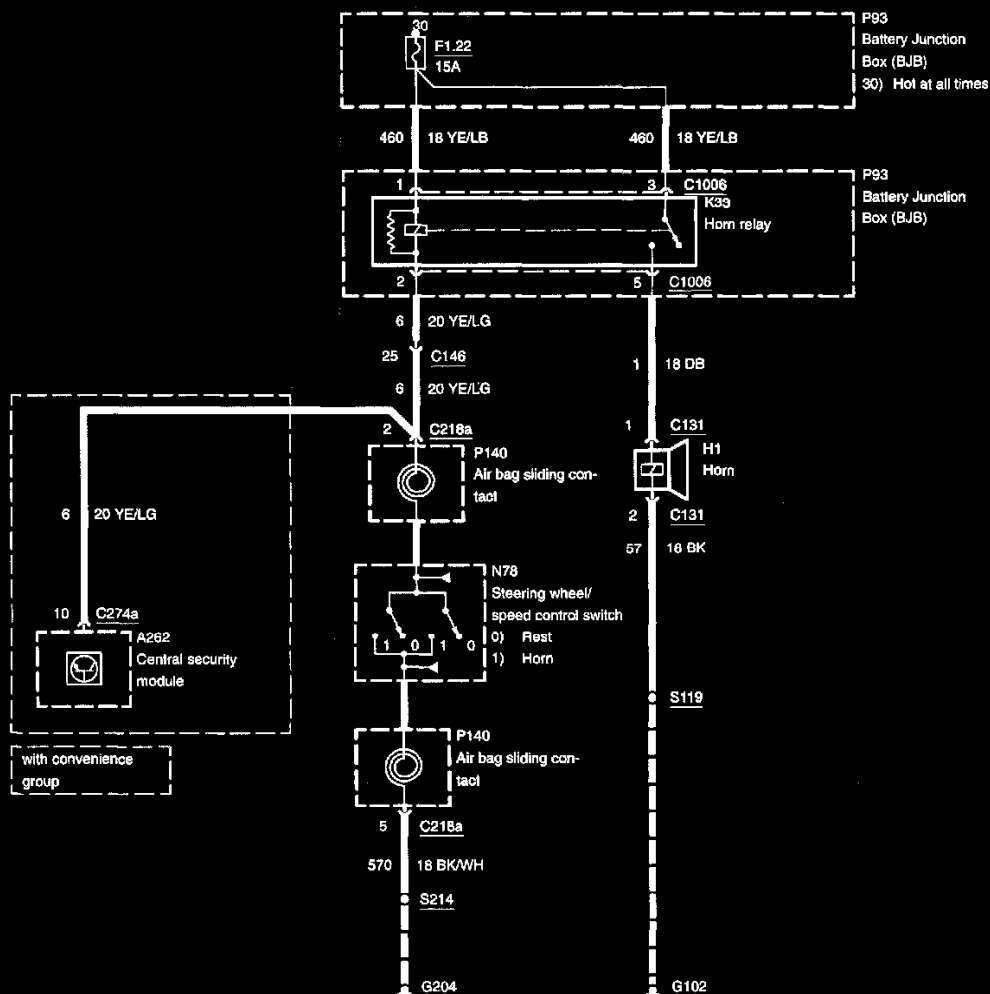
Late production, With speed control

Diagram 413-06-00-4

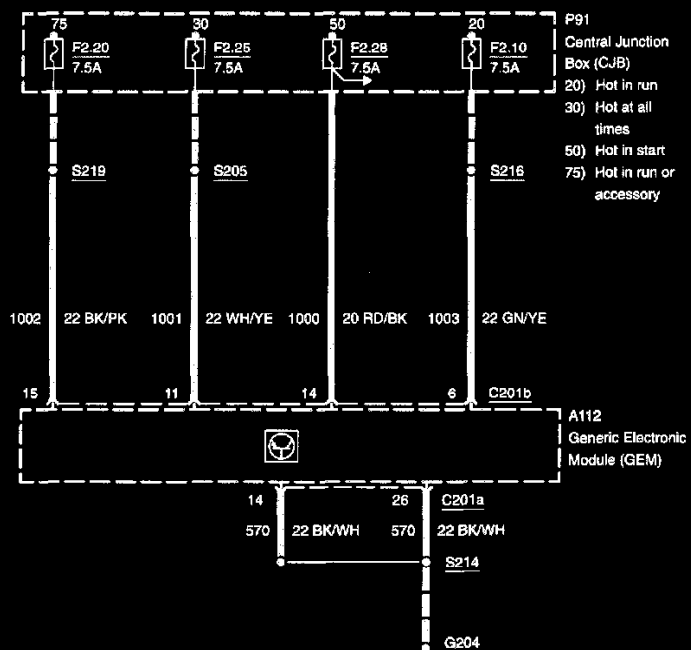
Early production

Diagram 413-09-00-1

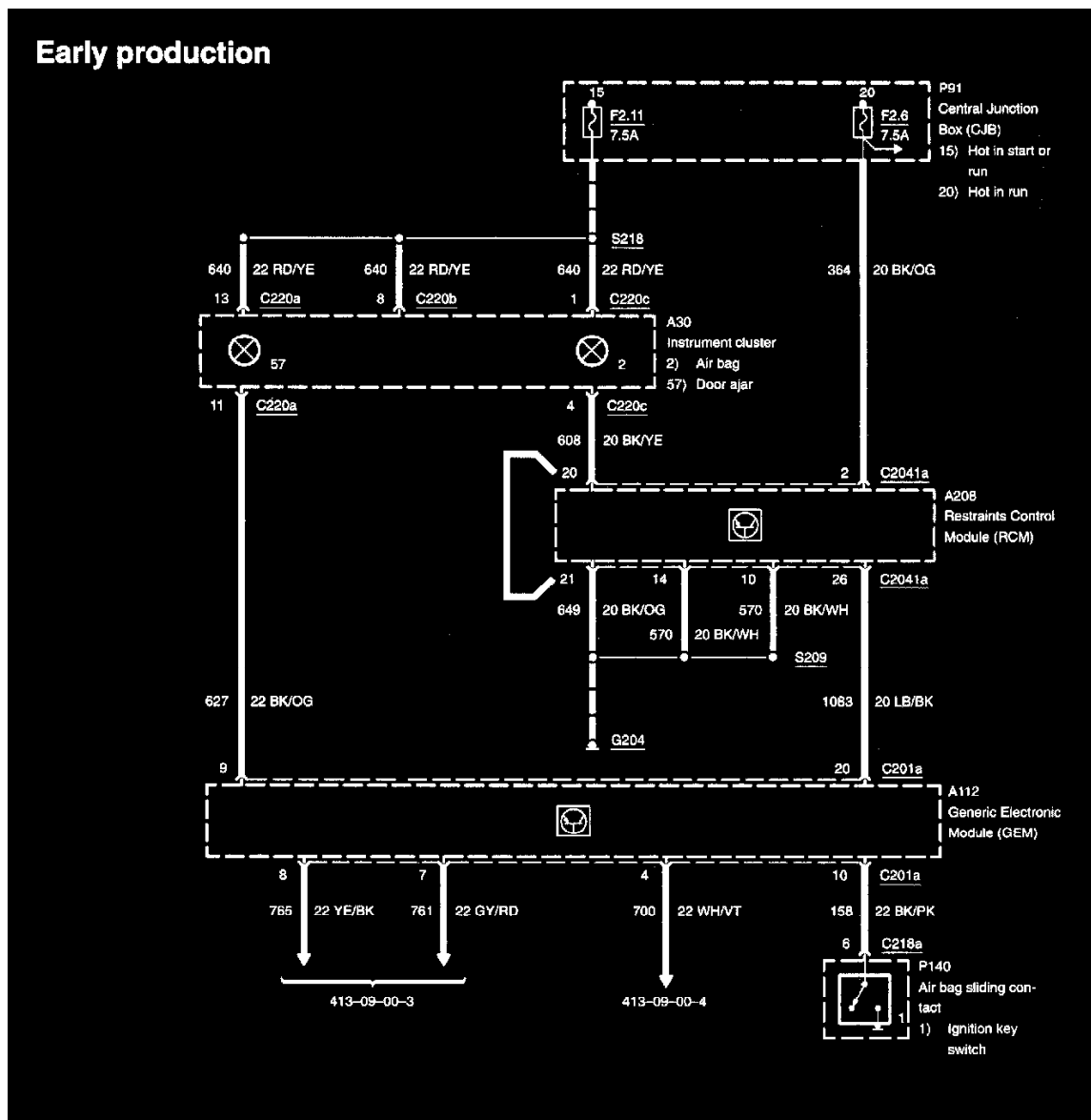


Diagram 413-09-00-2

Early production

413-09-00-2

The diagram illustrates the wiring for four vehicle models, organized into four vertical columns. Each column represents a different vehicle configuration, with components and wire specifications listed vertically. The components include door ajar switches (N239, N237, N240, N238), relays (C215, C510, C526a, C526b, C602a, C602b, C715a, C715b, C820a, C820b), and sensors (S500, S600, S320, S600, G203, G300). Wire colors and gauges are specified throughout the diagram.

Column 1 (Leftmost):

- 765 22 YE/BK
- 6 C215
- 765 20 YE/BK
- 17 Sport
- 7 C510
- 765 20 YE/BK
- 2 C526a
- N239 Door ajar switch, driver side front
- 1) Door closed
- 2) Door open
- 1 C526b
- 57 20 BK
- S500
- G203

Column 2:

- 761 22 GY/RD
- 14 C211
- 761 20 GY/RD
- 3 C238
- 761 20 GY/RD
- 1 C602a
- N240 Door ajar switch, passenger side front
- 1) Door closed
- 2) Door open
- 1 C602b
- 57 20 BK
- S600

Column 3:

- 759 22 LG/YE
- 82 C215
- 759 22 LG/YE
- 8 C328
- 759 20 LG/YE
- 1 C715a
- N237 Door ajar switch, driver side rear
- 1) Door closed
- 2) Door open
- 1 C715b
- 57 20 BK
- S320

Column 4 (Rightmost):

- 761 22 GY/RD
- 760 22 PK/LB
- 9
- 760 22 PK/LB
- 8 C327
- 760 20 PK/LB
- 1 C820a
- N238 Door ajar switch, passenger side rear
- 1) Door closed
- 2) Door open
- 1 C820b
- 57 20 BK
- 3 C327
- S600
- G300

Early production

413-09-00-2

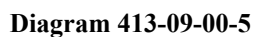
700 22 WH/VT
55 C215
700 20 WH/VT
3 C922
700 20 WH/VT
3 C406
700 20 WH/VT

700 20 WH/VT
2 C458
N402 Liftgate ajar switch, left
1 C468 1) Closed 2) Open
57 20 BK

700 20 WH/VT
2 C459
N403 Liftgate ajar switch, right
1 C459 1) Closed 2) Open
57 20 BK
S401
57 12 BK
3 C410
57 12 BK
G400

S402
700 20 WH/VT
1 C410
700 20 WH/VT
2 C467
N62 Rear window wiper disable switch
0) Enabled 1) Disabled
1 C467
57 20 BK

Early production



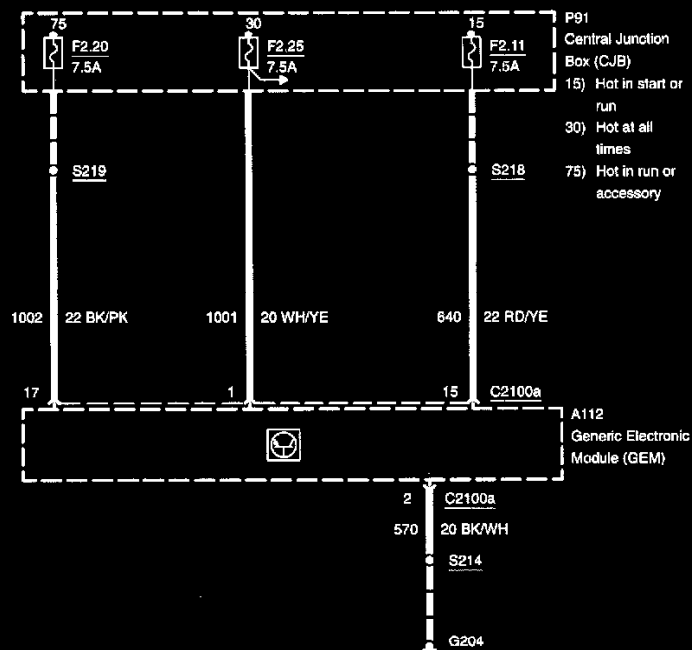
Late production

Diagram 413-09-00-6

413-09-00-9

Diagram 413-09-00-7

Late production

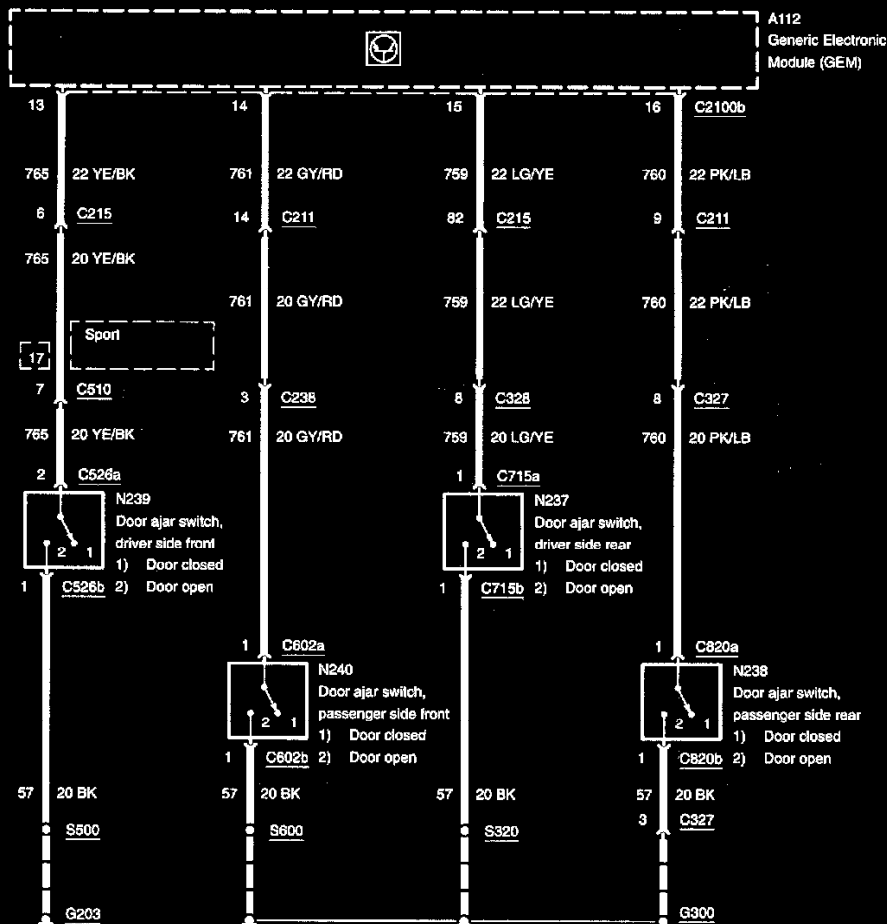


Diagram 413-09-00-8

Late production

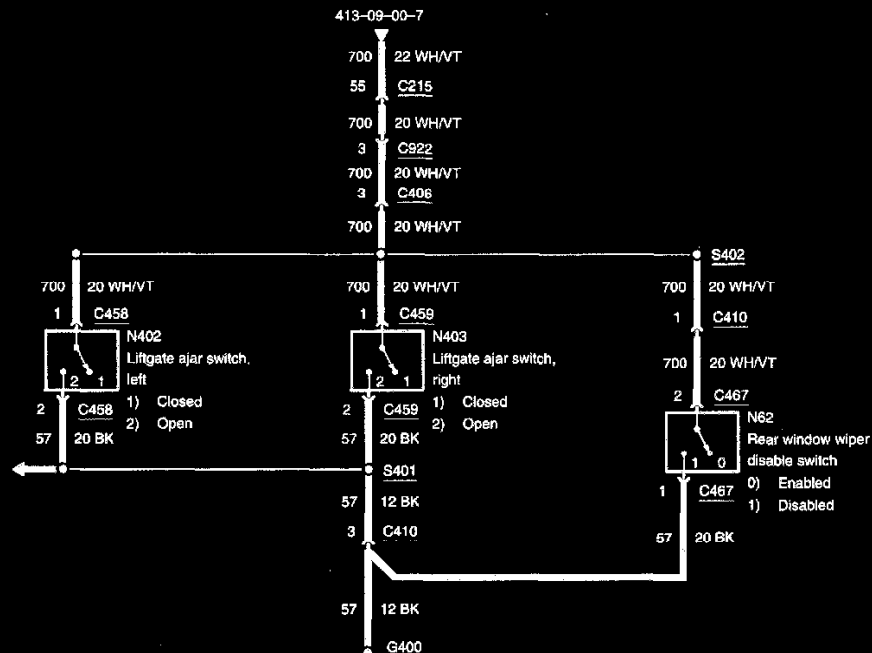


Diagram 413-09-00-9

Late production

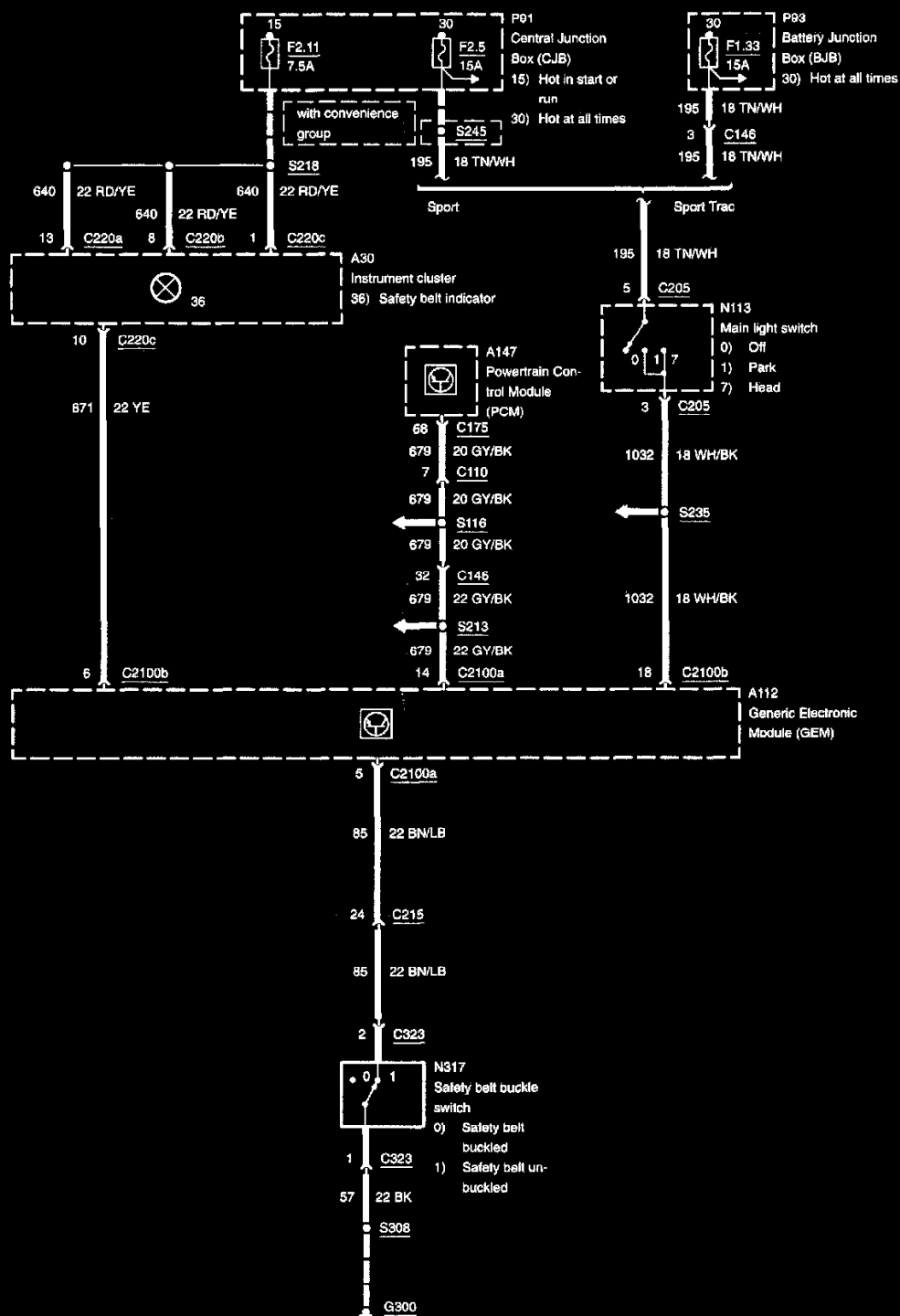


Diagram 413-09-00-10

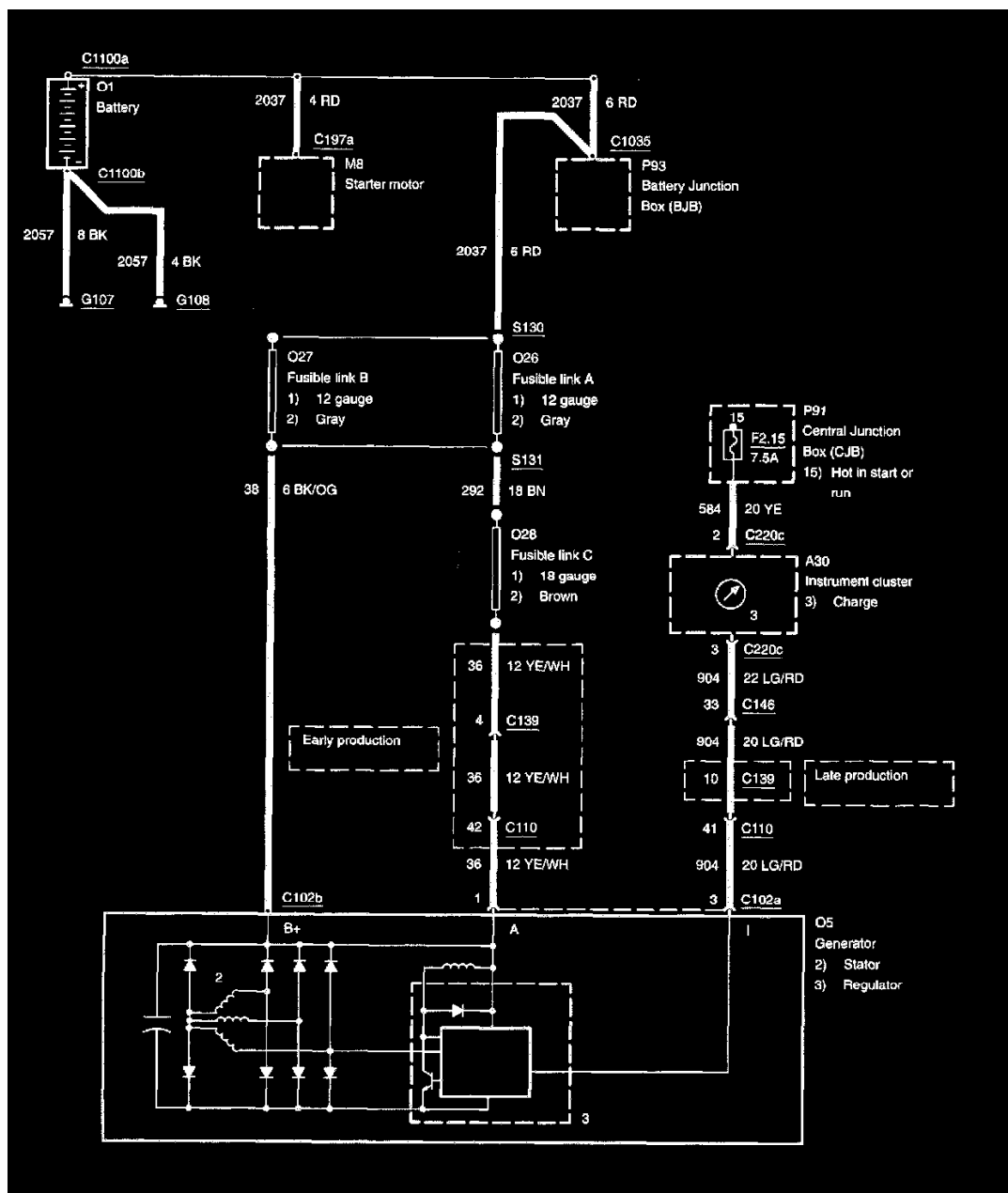


Diagram 414-00-00-1

Early production

Early production

Antenna (A151)

Central Junction Box (CJB) (P91)

50 F2.28 7.5A
75 F2.20 7.5A
30 F2.29 25A

30 Hot at all times
50 Hot in start
75 Hot in run or accessory

Radio (A11)

1000 20 RD/BK
137 20 YE/BK
797 16 LG/VT

Rear Integrated Control Panel (RICP) (P87)

729 20 RD/WH
2 C214
729 20 RD/WH
16 C349

Subwoofer amplifier (A14)

797 16 LG/VT
9 C210
797 16 LG/VT
6 C486
2 C486
694 16 BK/LG
1 C210
694 16 BK/LG
G202

Sensors

S206
S316
S202
S200

Wiring Details

413-00-00-6
413-00-00-3
235 22 RD/BK
1
3
10
9
C290a
2 57 22 BK
11 694 20 BK/LG
16 694 16 BK/LG
C290a
7 57 22 BK
6 694 20 BK/LG
C349
3 694 20 BK/LG
G200
G203
G200
G202

Diagram 415-00-00-1

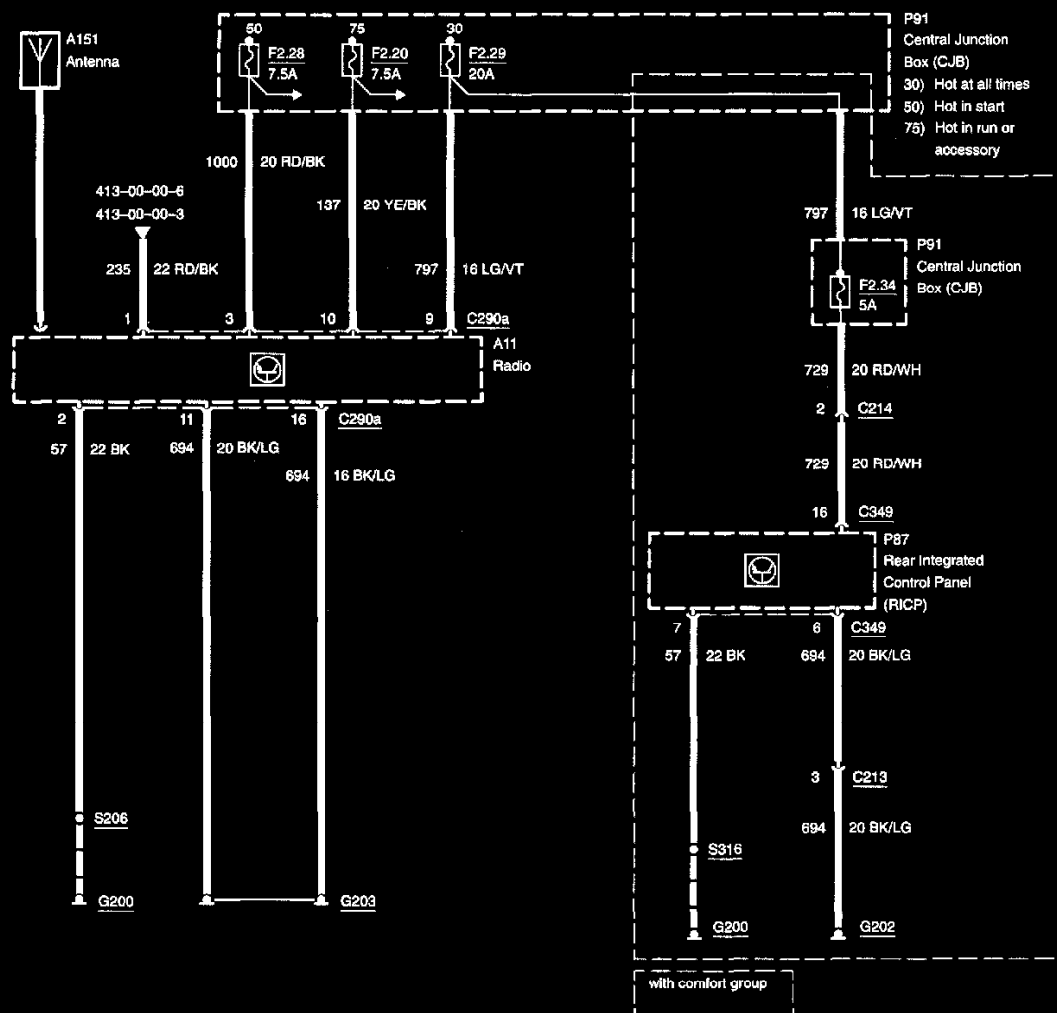
Late production

Diagram 415-00-00-2

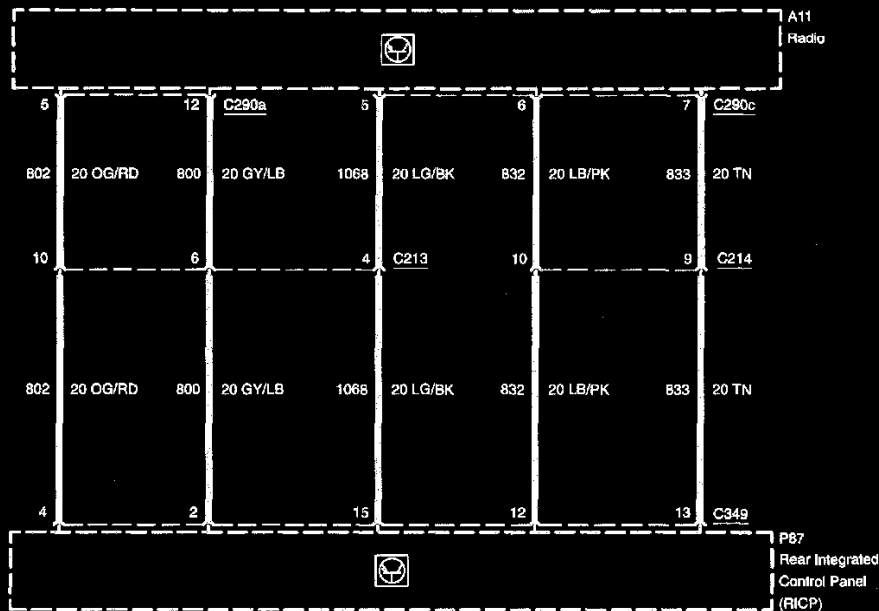
With high series center console

Diagram 415-00-00-3

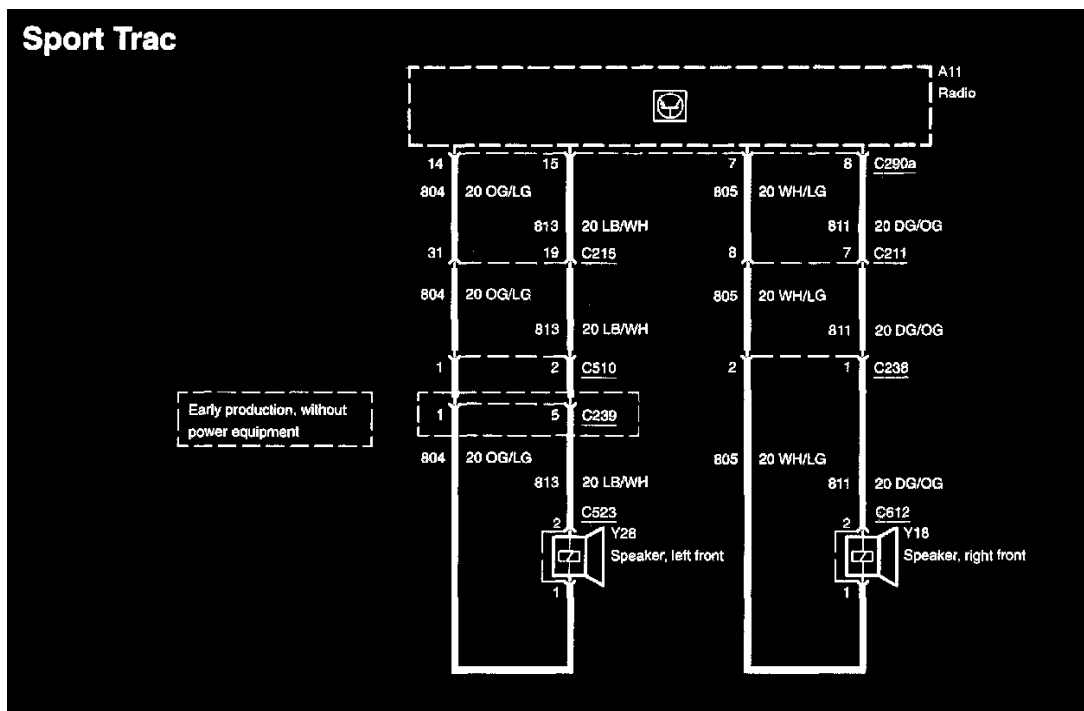


Diagram 415-00-00-5

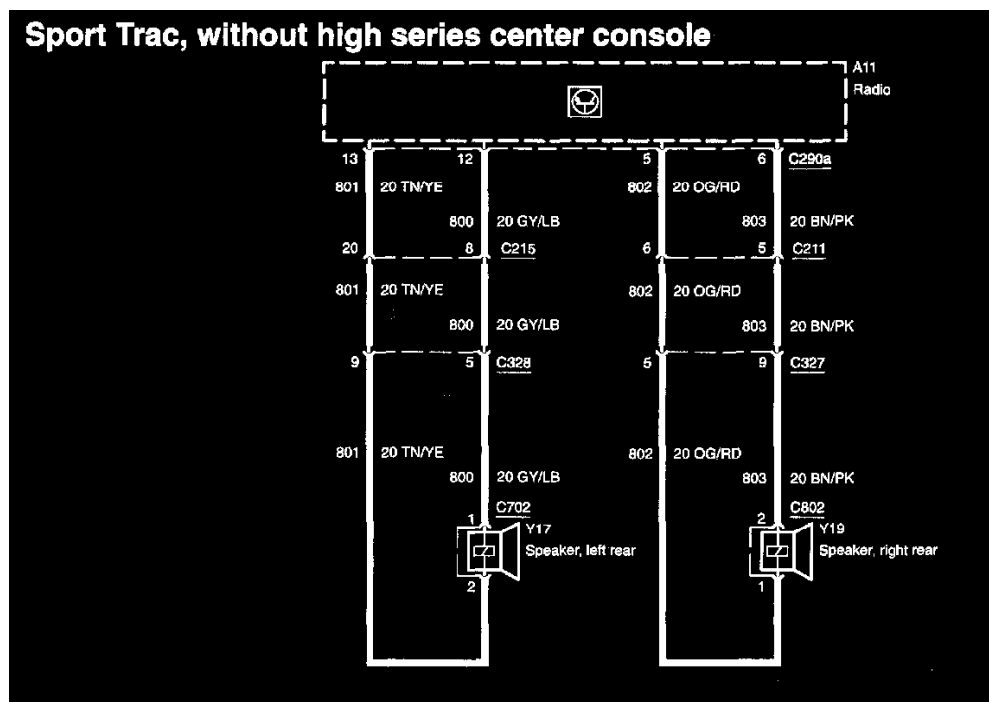


Diagram 415-00-00-6

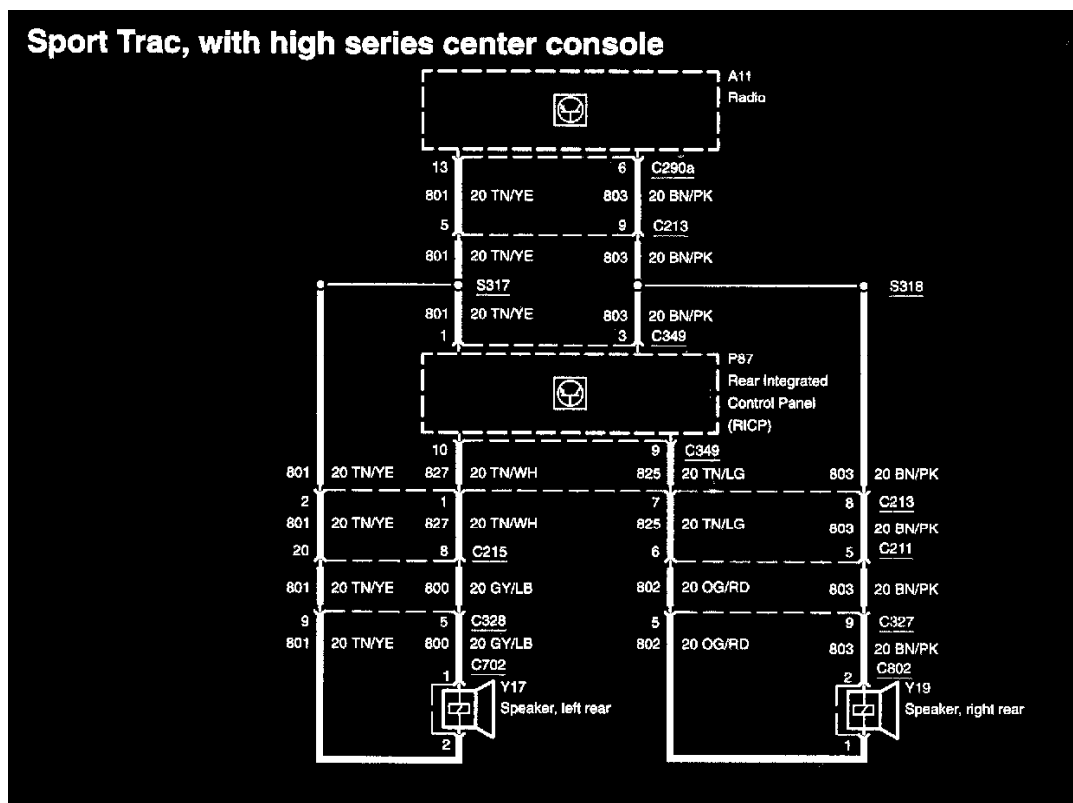


Diagram 415-00-00-9

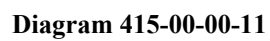


Diagram 415-00-00-11

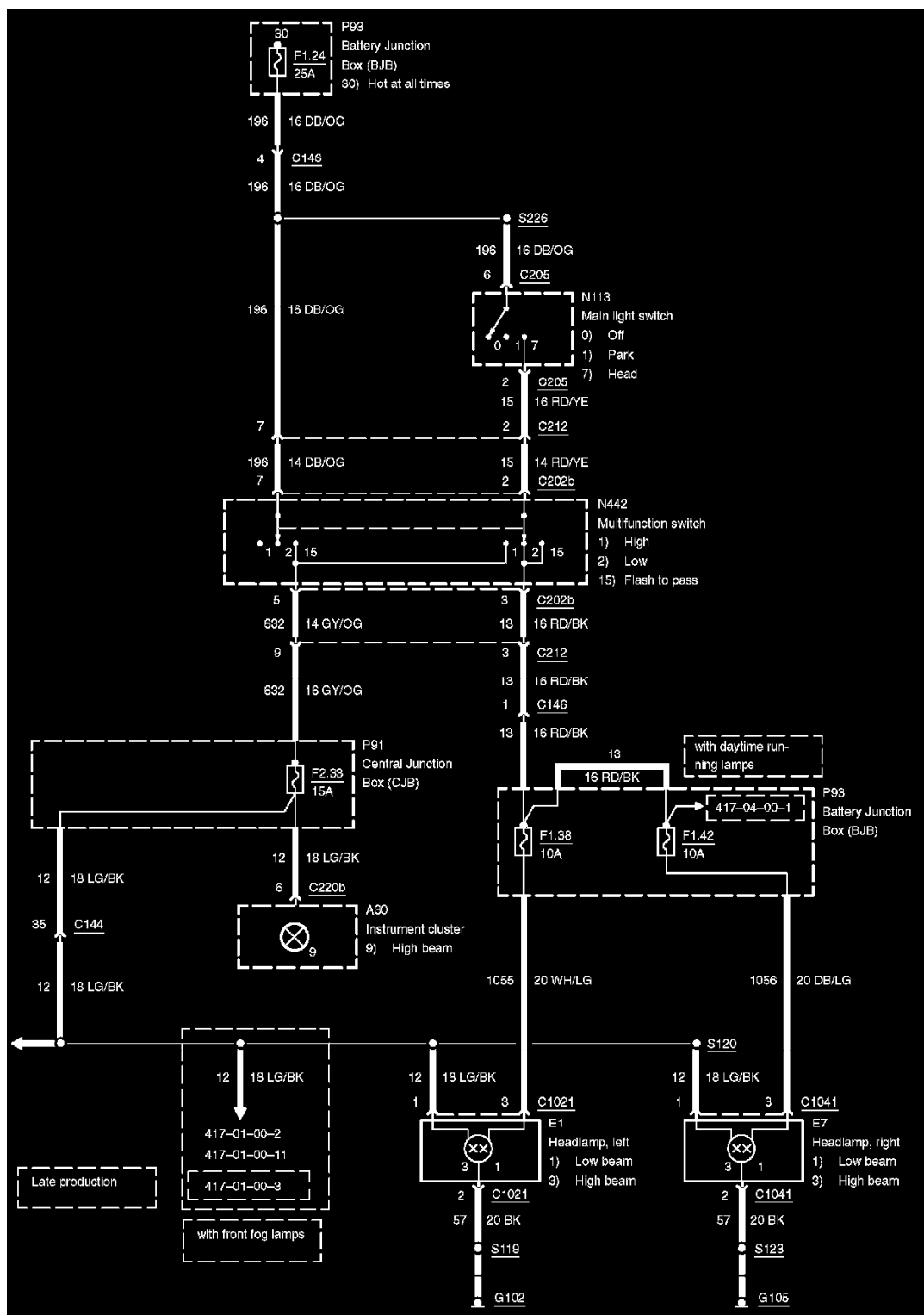
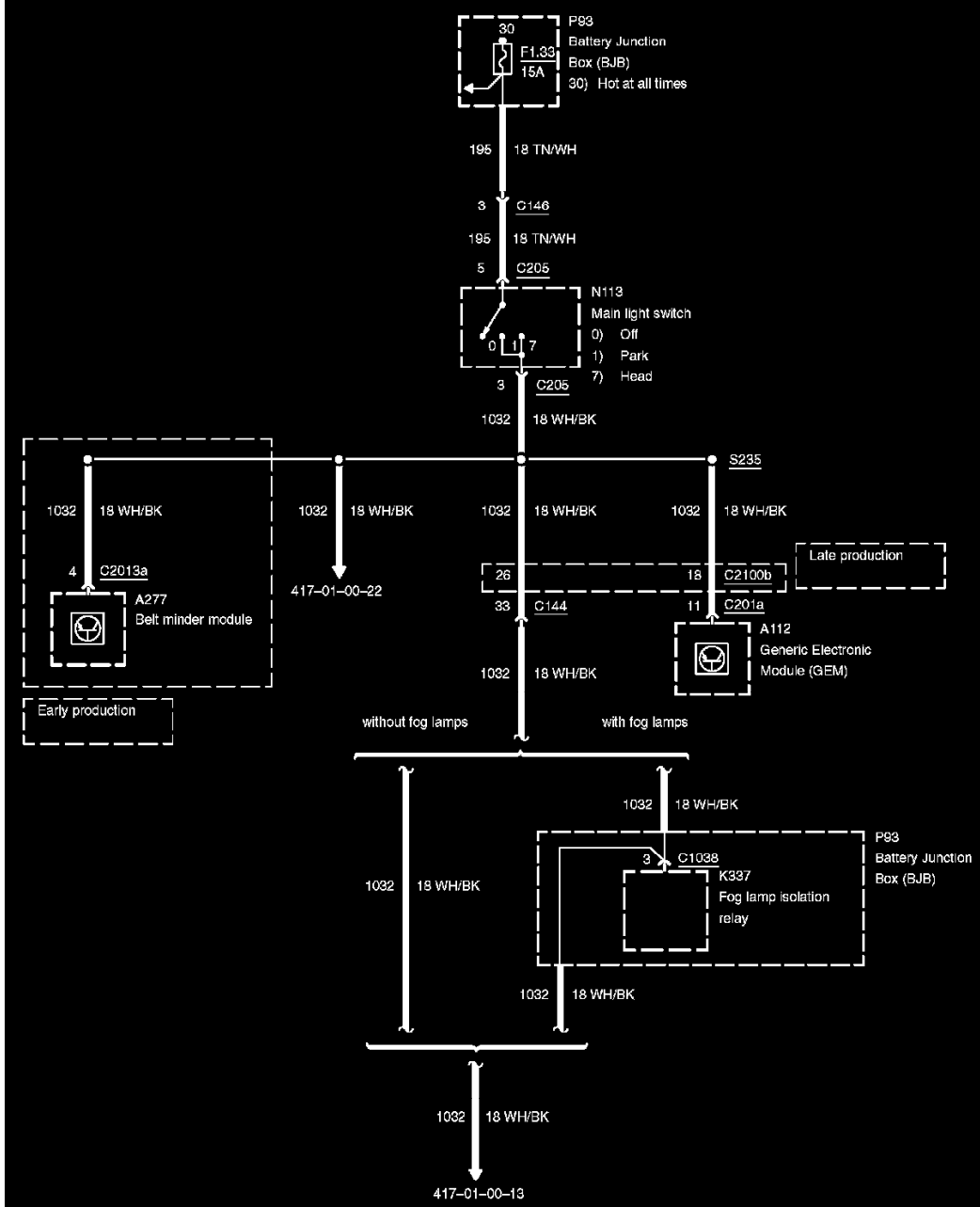


Diagram 417-01-00-1

[illegible]

Diagram 417-01-00-11

Sport Trac, With convenience group**Diagram 417-01-00-12**

[illegible]

Diagram 417-01-00-13

The diagram illustrates the 12V electrical system, showing the power distribution from the battery junction box (P93) through various switches and relays to the headlights, parking lamps, and fog lamps. Key components include the main light switch (N113), belt minder module (A277), generic electronic module (A112), instrument panel dimming module (A47), and fog lamp isolation relay (K337). The diagram also shows the location of the battery junction box (P93) and the fog lamp isolation relay (K337).

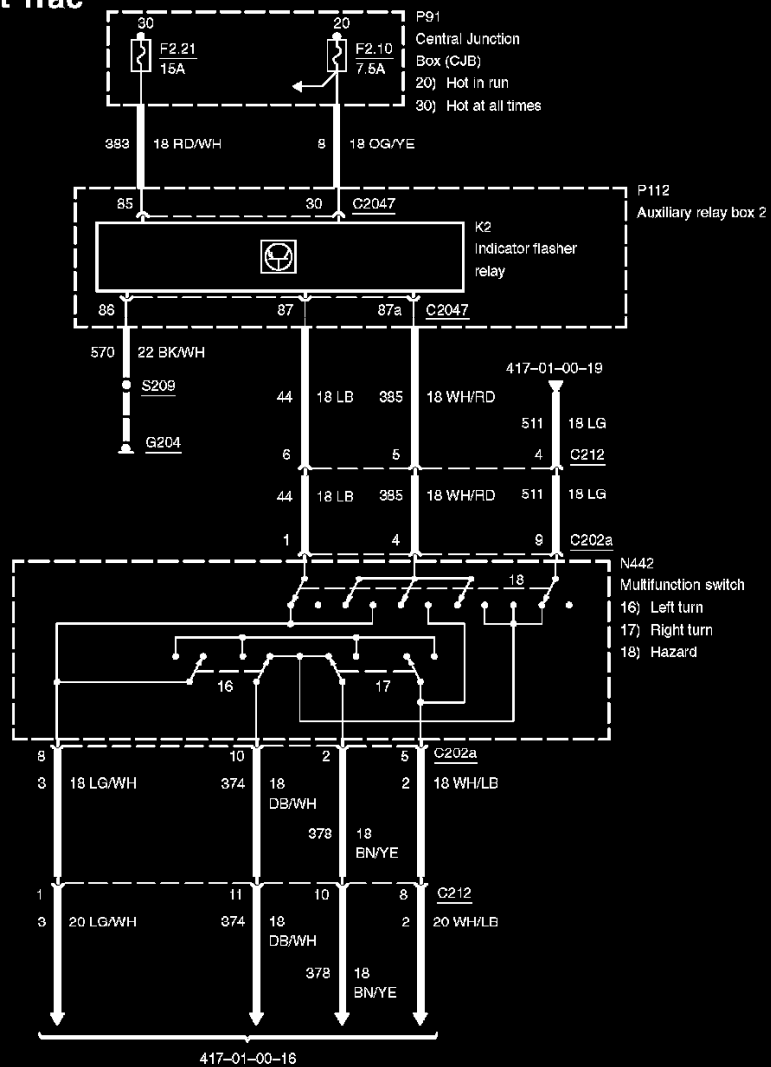
Legend:

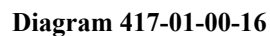
- Early production
- Late production
- with fog lamps

Wiring Details:

- Battery Junction Box (P93):** 30) Hot at all times. 15A. F1.33.
- Main Light Switch (N113):** 0) Off, 1) Park, 7) Head.
- Headlights:** E164 (left front), E166 (right front).
- Parking Lamps:** E164 (left front), E166 (right front), E242 (left rear), E243 (right rear).
- Fog Lamps:** K337 (fog lamp isolation relay).
- Other Components:** A277 (Belt minder module), A112 (Generic Electronic Module (GEM)), A47 (Instrument panel dimming module), S119 (switch), S121 (switch), S235 (switch), S406 (switch), S407 (switch), S408 (switch), S409 (switch), S410 (switch), S411 (switch), S412 (switch), S413 (switch), S414 (switch), S415 (switch), S416 (switch), S417 (switch), S418 (switch), S419 (switch), S420 (switch), S421 (switch), S422 (switch), S423 (switch), S424 (switch), S425 (switch), S426 (switch), S427 (switch), S428 (switch), S429 (switch), S430 (switch), S431 (switch), S432 (switch), S433 (switch), S434 (switch), S435 (switch), S436 (switch), S437 (switch), S438 (switch), S439 (switch), S440 (switch), S441 (switch), S442 (switch), S443 (switch), S444 (switch), S445 (switch), S446 (switch), S447 (switch), S448 (switch), S449 (switch), S450 (switch), S451 (switch), S452 (switch), S453 (switch), S454 (switch), S455 (switch), S456 (switch), S457 (switch), S458 (switch), S459 (switch), S460 (switch), S461 (switch), S462 (switch), S463 (switch), S464 (switch), S465 (switch), S466 (switch), S467 (switch), S468 (switch), S469 (switch), S470 (switch), S471 (switch), S472 (switch), S473 (switch), S474 (switch), S475 (switch), S476 (switch), S477 (switch), S478 (switch), S479 (switch), S480 (switch), S481 (switch), S482 (switch), S483 (switch), S484 (switch), S485 (switch), S486 (switch), S487 (switch), S488 (switch), S489 (switch), S490 (switch), S491 (switch), S492 (switch), S493 (switch), S494 (switch), S495 (switch), S496 (switch), S497 (switch), S498 (switch), S499 (switch), S500 (switch).

Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**



Sport Trac, Early production

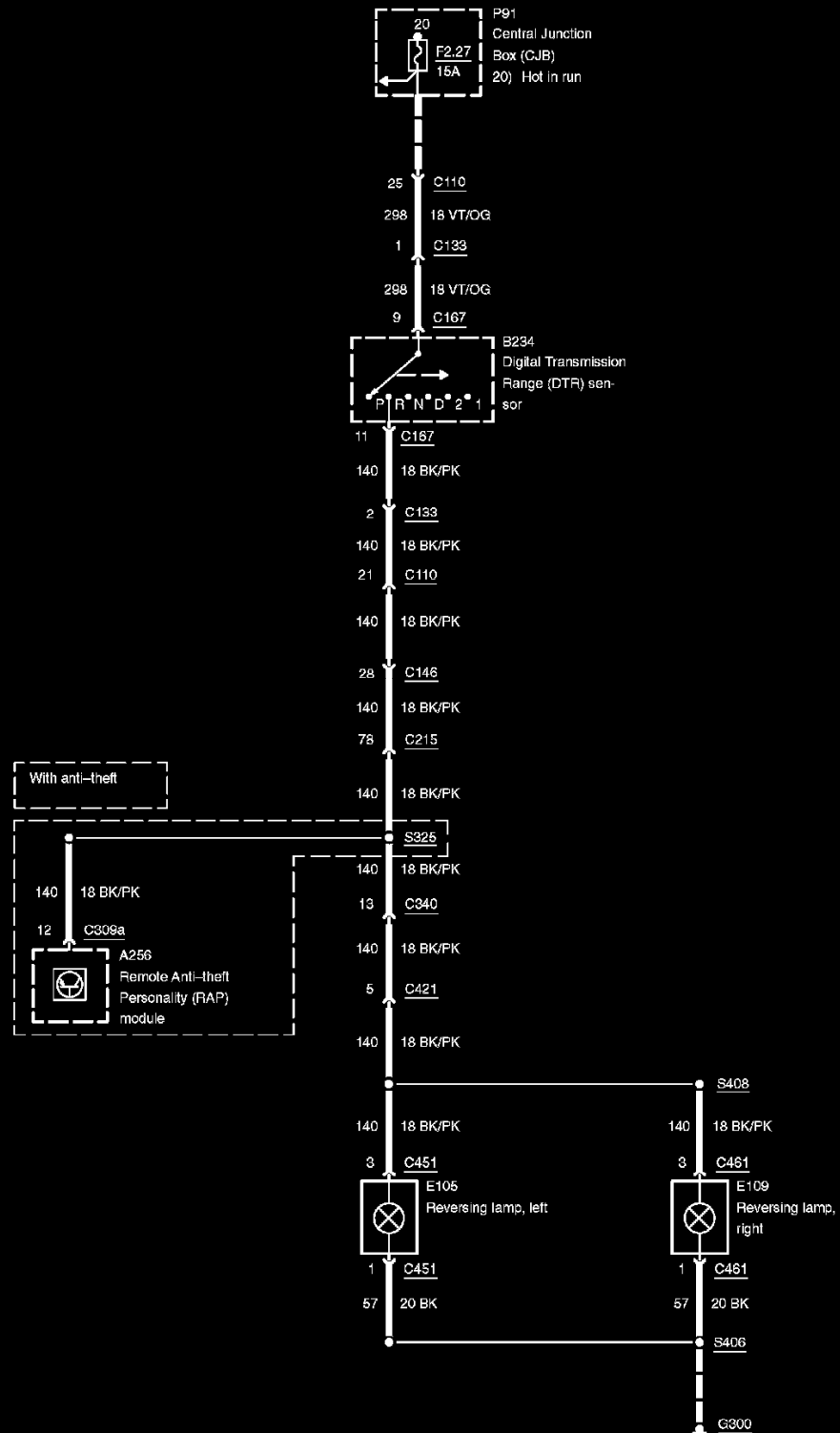
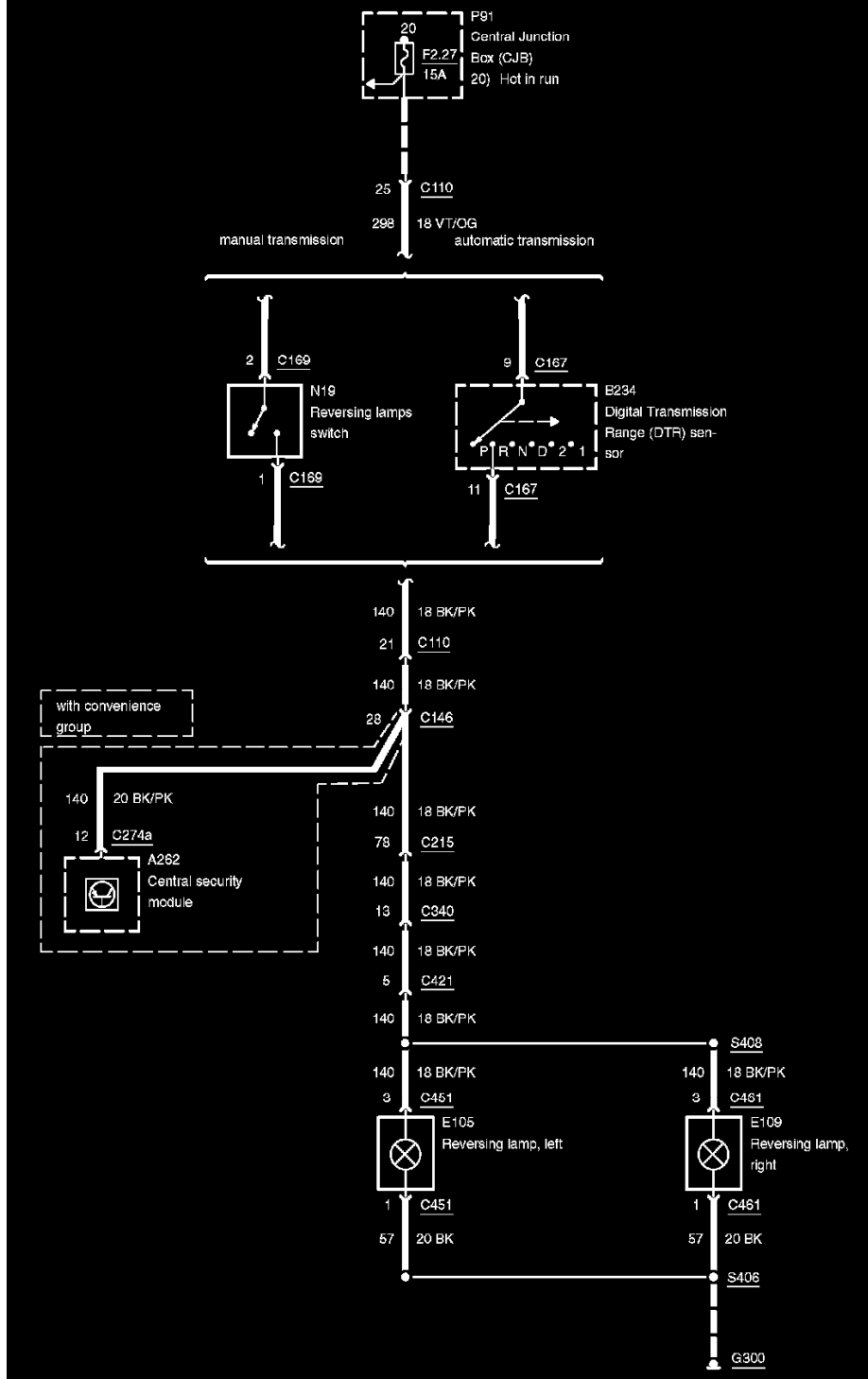


Diagram 417-01-00-17

Sport Trac, Late production**Diagram 417-01-00-18**

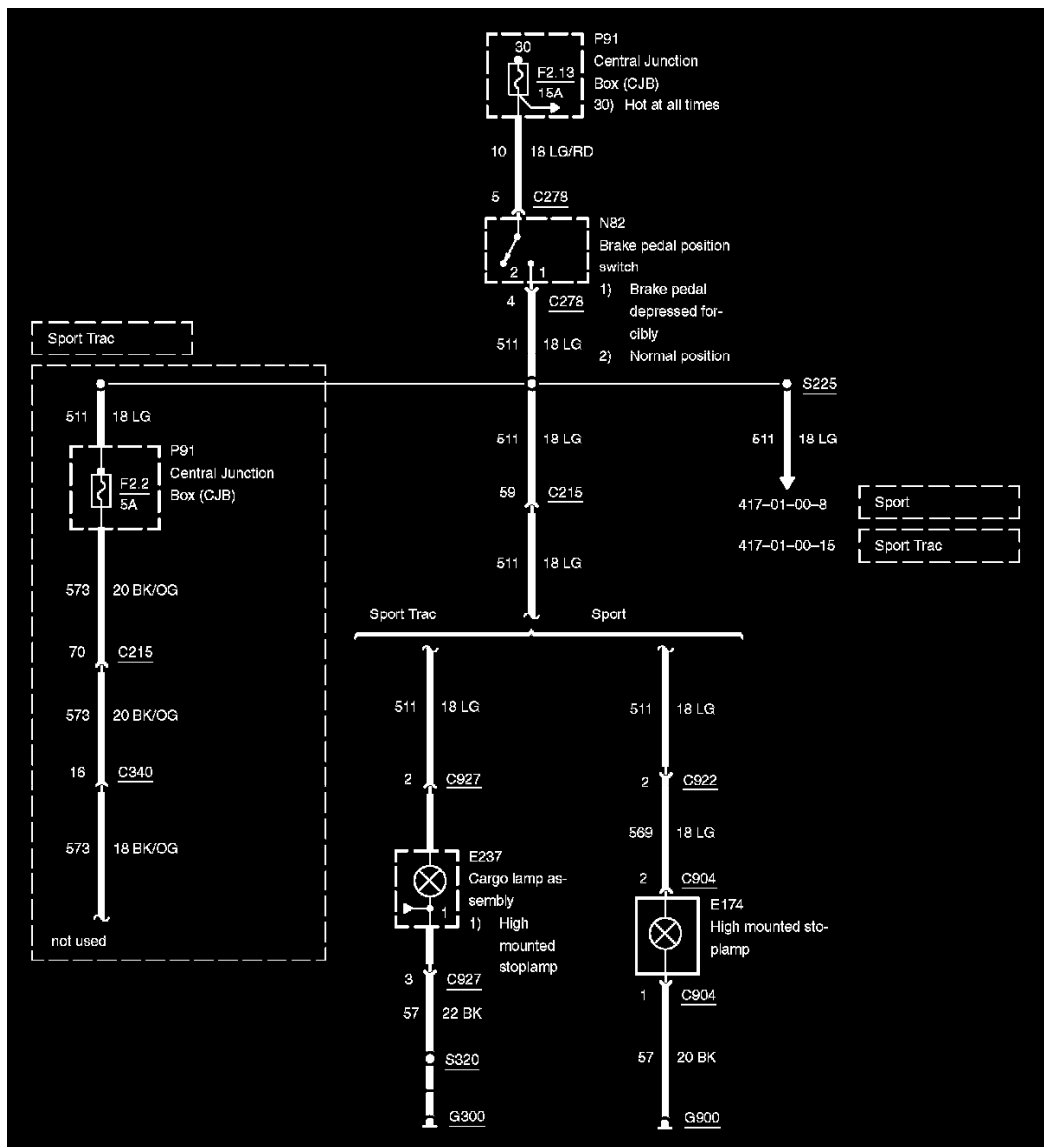


Diagram 417-01-00-19

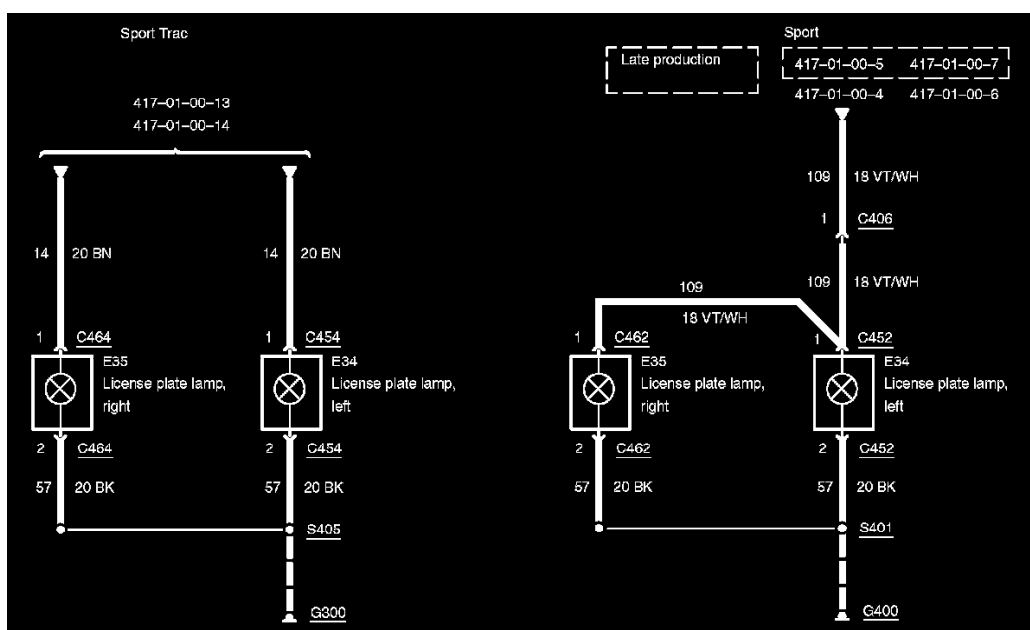


Diagram 417-01-00-20

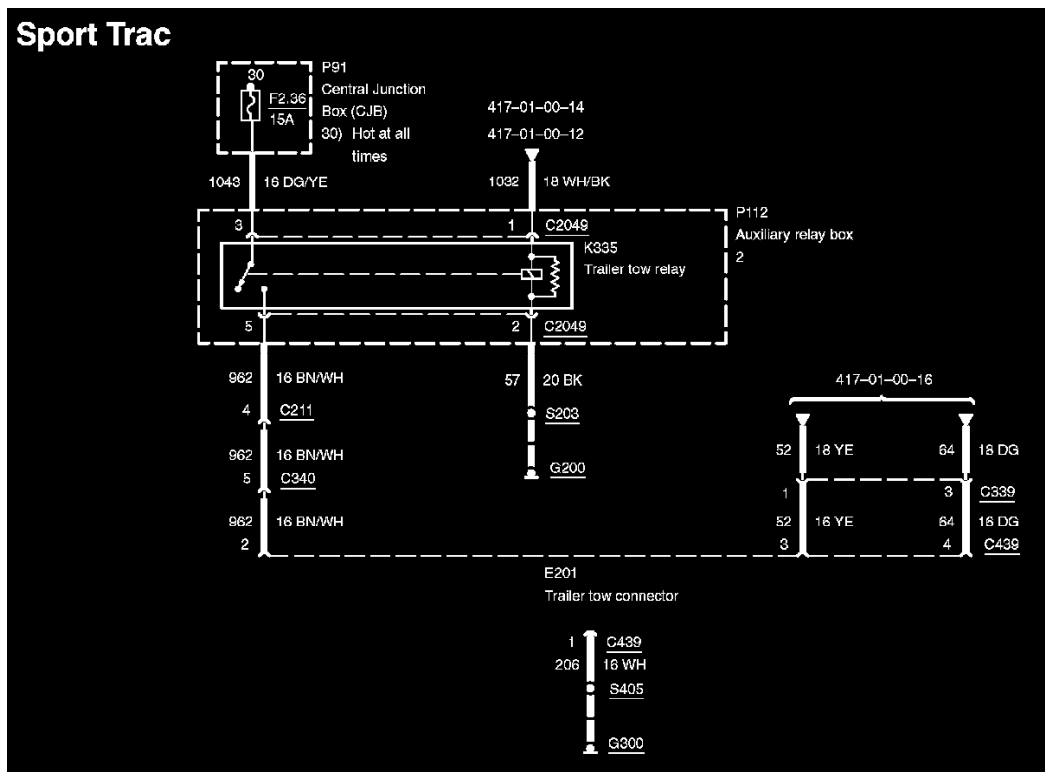


Diagram 417-01-00-22

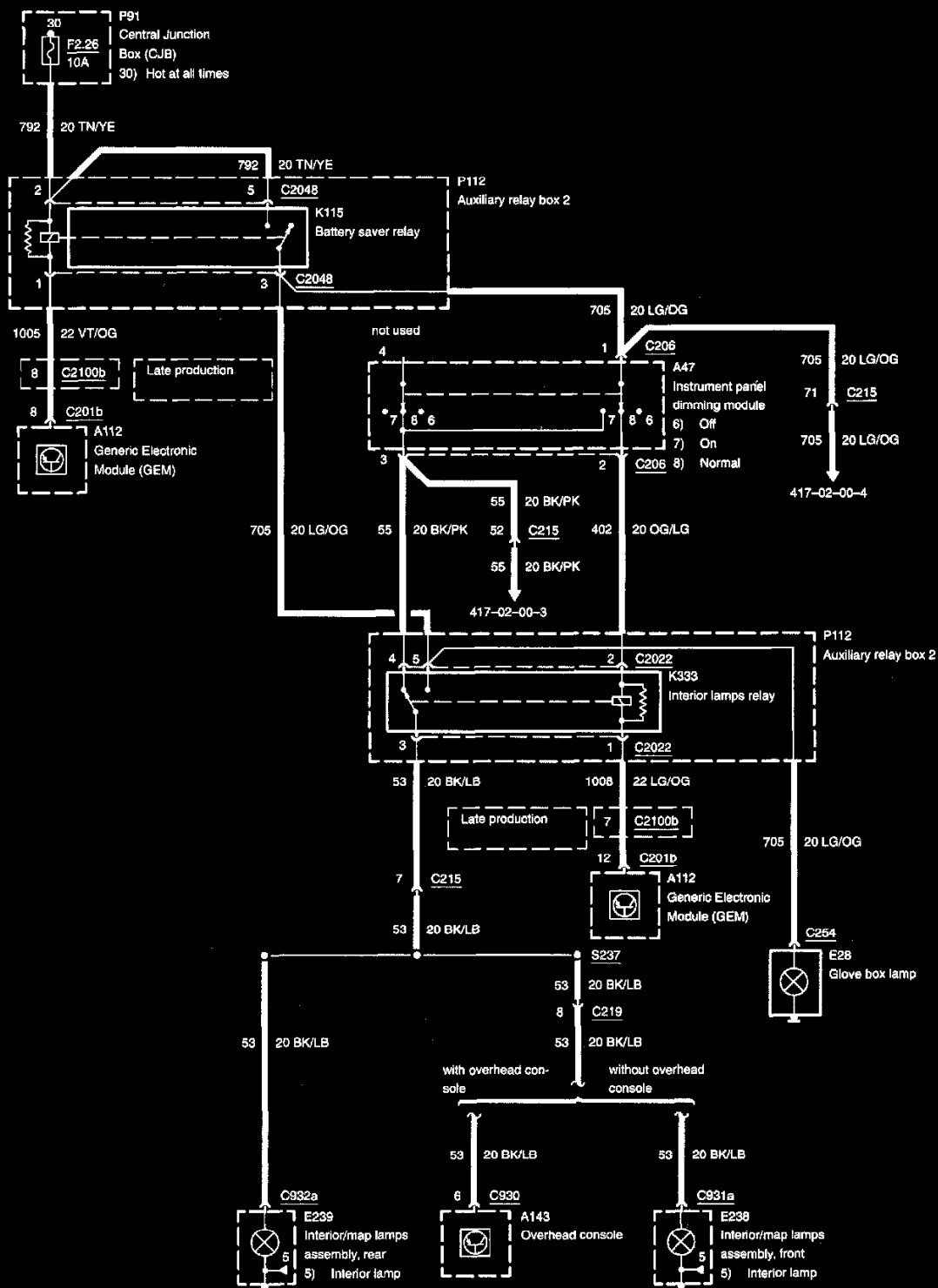
Sport Trac

Diagram 417-02-00-2

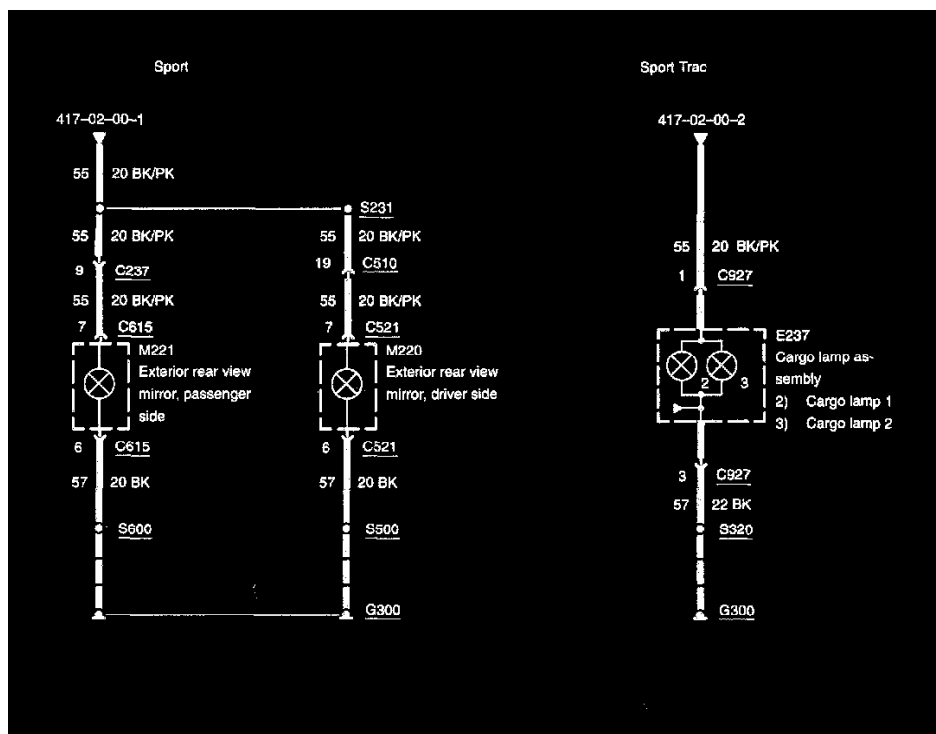


Diagram 417-02-00-3

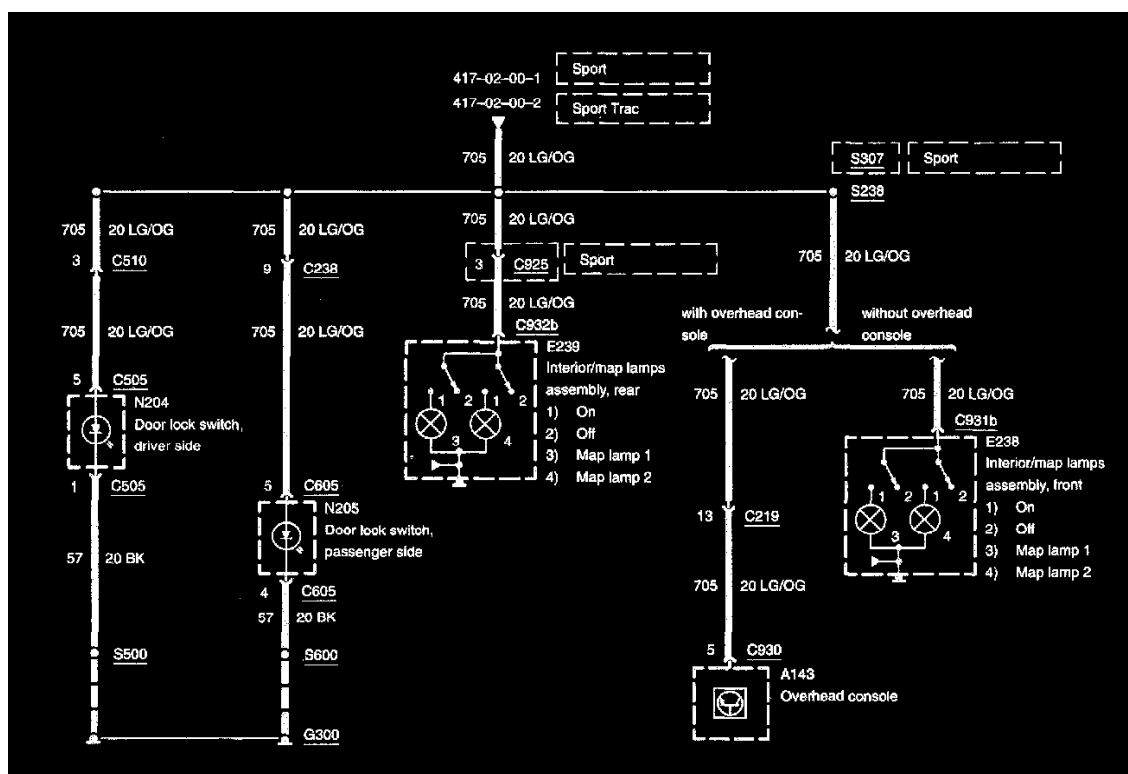
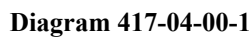


Diagram 417-02-00-4



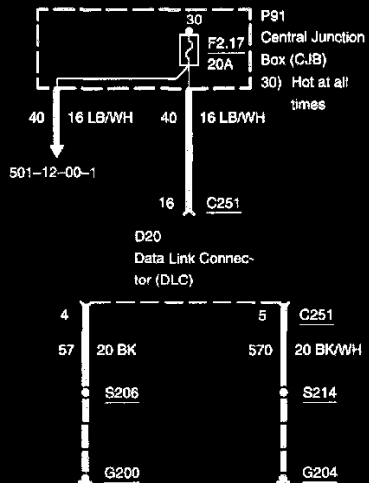
Data Link Connector, pins 4, 5 and 16

Diagram 418-00-00-1

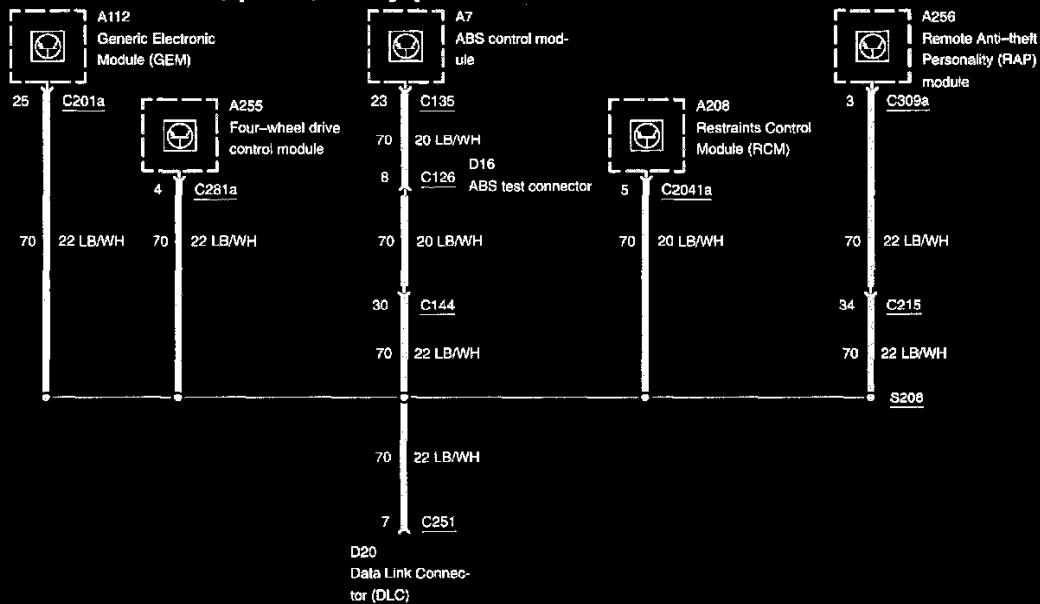
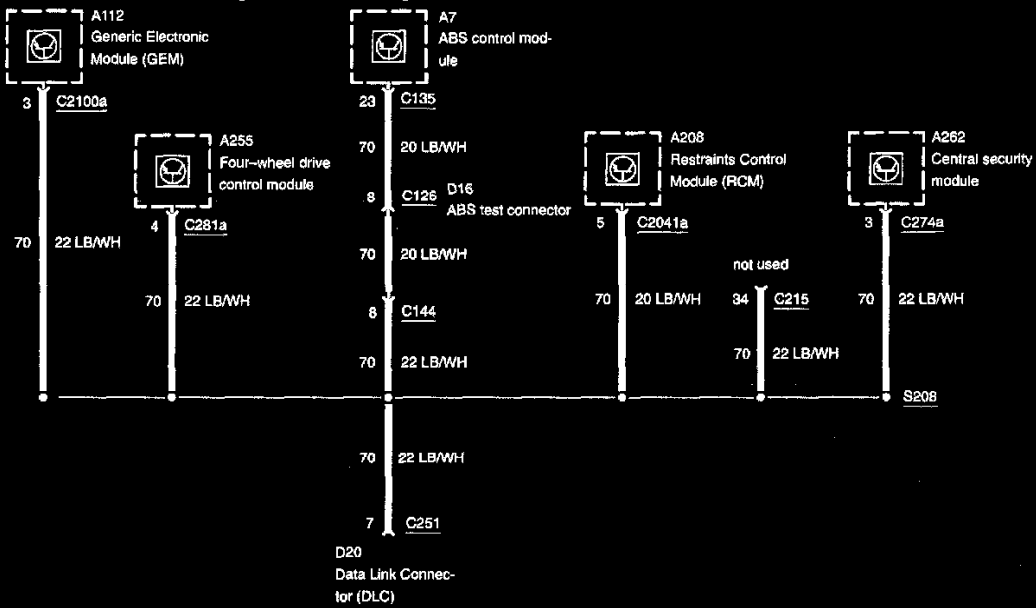
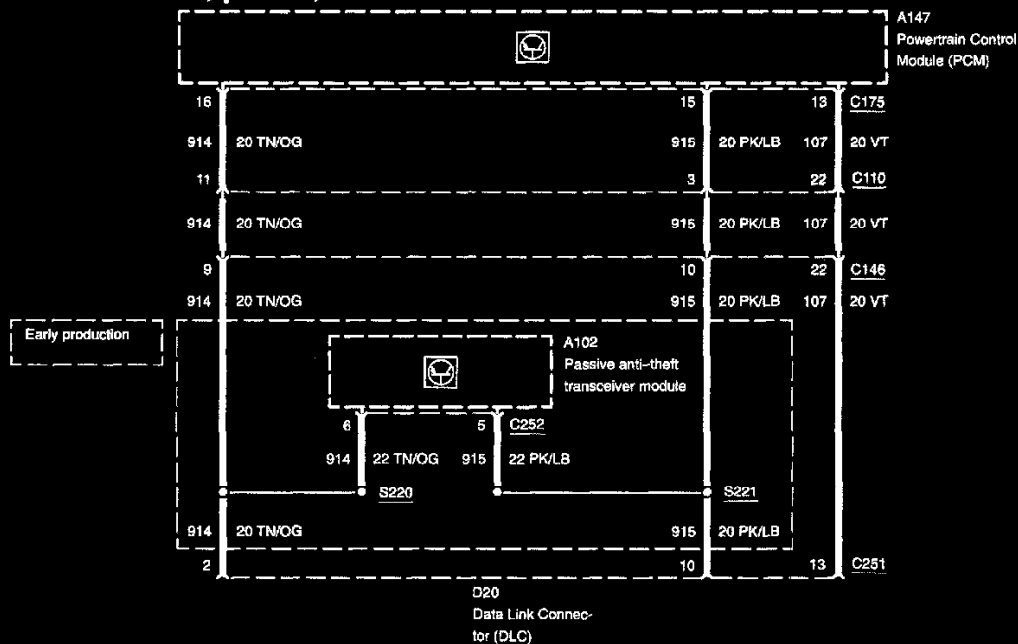
Data Link Connector, pin 7, Early production

Diagram 418-00-00-2

Data Link Connector, pin 7, Late production**Diagram 418-00-00-3****Data link connector, pins 2, 10 and 13****Diagram 418-00-00-4**

Early production

The diagram illustrates the electrical system for the early production of the vehicle. It shows the Central Junction Box (CJB) and the Generic Electronic Module (GEM) connected to various components.

Central Junction Box (CJB):

- P81
- F2.25 7.5A
- F2.26 7.5A
- 30) Hot at all times
- 50) Hot in start

Generic Electronic Module (GEM):

- A112
- Generic Electronic Module (GEM)

Wiring Details:

- 1001 22 WH/YE
- 1000 20 RD/BK
- 11
- 14
- C201b
- 8
- 7
- 765 22 YE/BK
- 761 22 GY/RD
- 6
- C215
- 765 20 YE/BK
- 7
- C510
- 17
- C510
- Sport
- 765 20 YE/BK
- 2
- C526a
- N239
- Door ajar switch, driver side front
- 1) Door closed
- 2) Door open
- 1
- C526b
- 57 20 BK
- S500
- G203
- Sport
- Sport Trac
- 761 22 GY/RD
- 14
- C211
- 761 20 GY/RD
- 3
- C238
- 761 20 GY/RD
- 1
- C602a
- N240
- Door ajar switch, passenger side front
- 1) Door closed
- 2) Door open
- 1
- C602b
- 57 20 BK
- S600
- G300
- 759 22 LG/YE
- 82
- C215
- 759 22 LG/YE
- 8
- C326
- 759 20 LG/YE
- C715a
- 1
- N237
- Door ajar switch, driver side rear
- 1) Door closed
- 2) Door open
- 1
- C715b
- 57 20 BK
- S320
- G300
- 761 22 GY/RD
- 760 22 PK/LB
- 9
- 760 22 PK/LB
- 8
- C327
- 760 20 PK/LB
- C820a
- 1
- N238
- Door ajar switch, passenger side rear
- 1) Door closed
- 2) Door open
- 1
- C820b
- 57 20 BK
- 3
- C327
- G300
- 761 22 GY/RD
- 14
- C211
- 761 20 GY/RD
- 3
- C238
- 761 20 GY/RD
- 1
- C602a
- N240
- Door ajar switch, passenger side front
- 1) Door closed
- 2) Door open
- 1
- C602b
- 57 20 BK
- S600
- G300

Diagram 419-01a-00-1

Early production

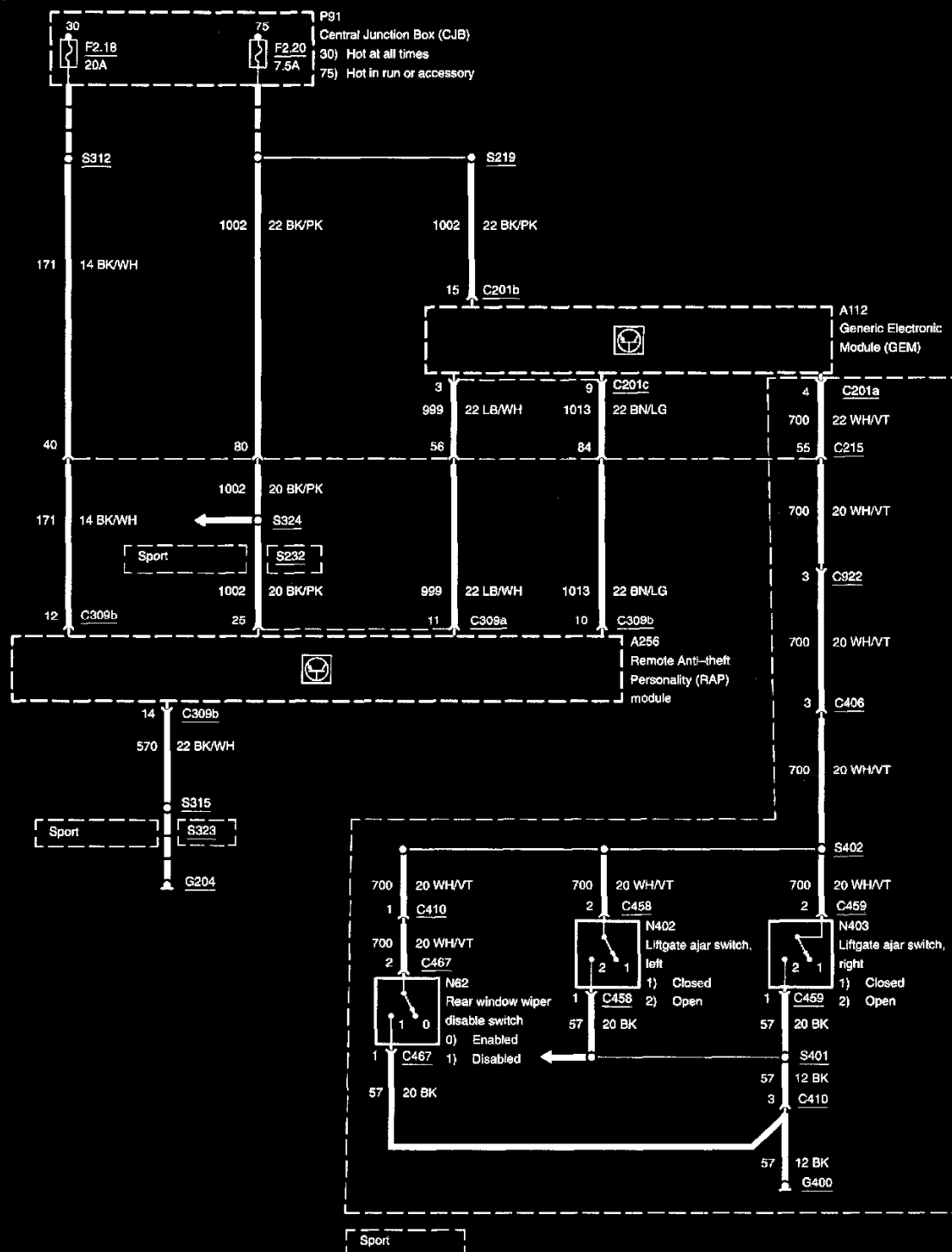


Diagram 419-01a-00-2

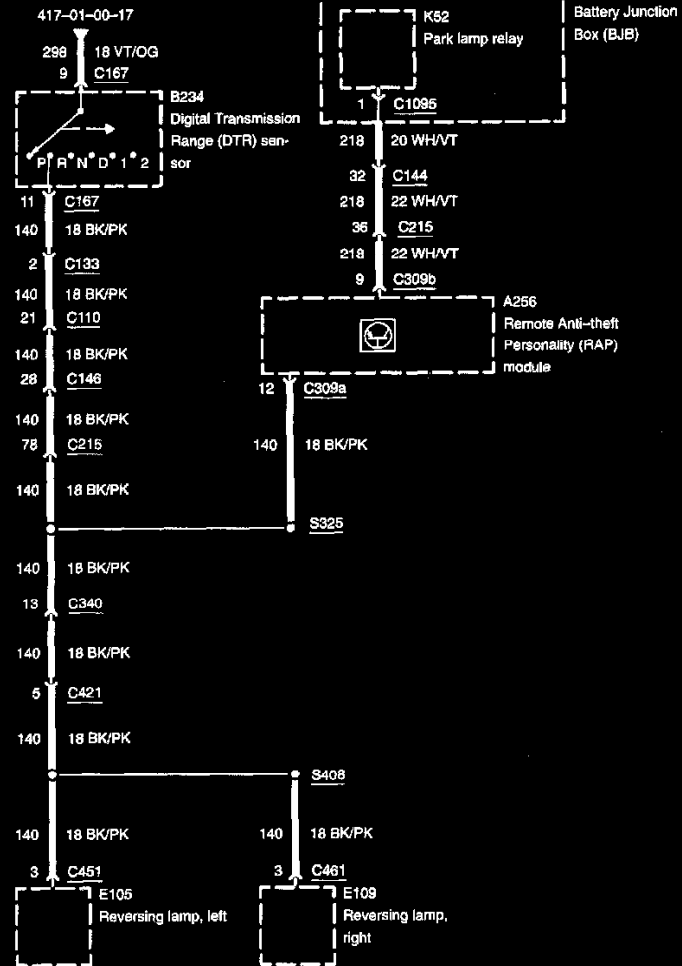


Diagram 419-01a-00-4

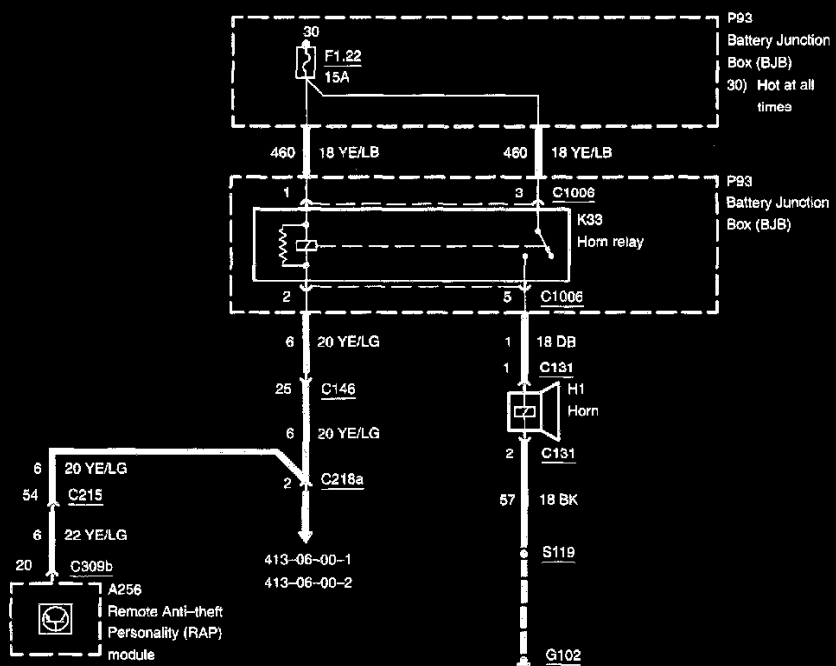
Early production

Diagram 419-01a-00-5

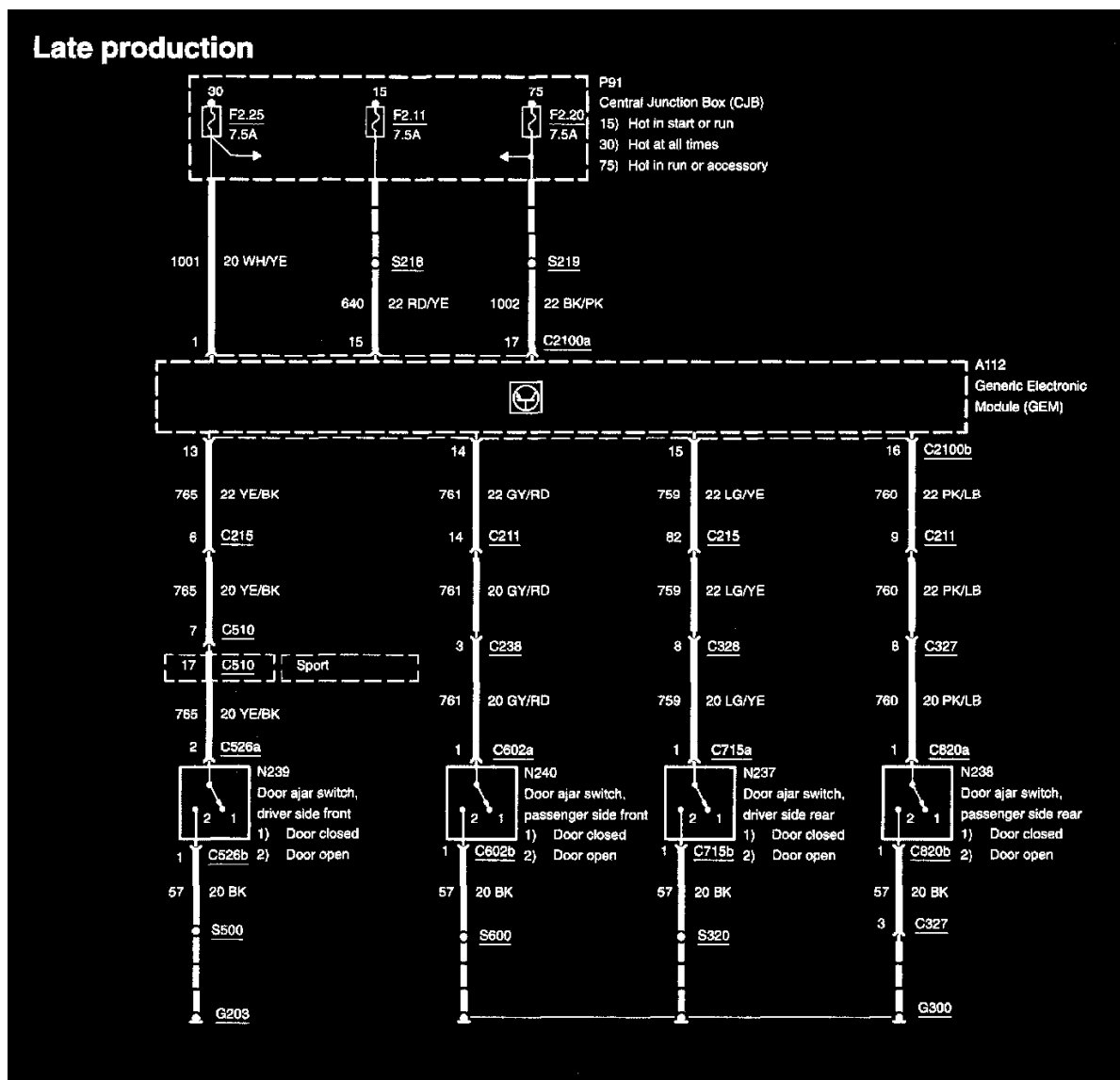


Diagram 419-01a-00-6

Late production

P81 Central Junction Box (CJB)
 15) Hot in start or run
 30) Hot at all times

F2.18 20A
F2.11 7.5A

S218
 640 22 RD/YE
 15 **C2100a**

A112 Generic Electronic Module (GEM)
C2100b
 17 700 22 WH/VT
 55 **C215**
 700 22 WH/VT
 3 **C922**
 700 20 WH/VT
 3 **C406**
 700 20 WH/VT
S402 700 20 WH/VT
C459 1
N403 Liftgate ajar switch, right
 1) Closed
 2) Open
S401 57 12 BK
C410 3
G400 57 12 BK

A262 Central security module
C274a 11 22 LB/WH
C274b 10 22 BN/LG
C274a 14 **C274a**
 57 16 BK
S203
G200

N62 Rear window wiper disable switch
 0) Enabled
 1) Disabled
C467 1
C410 1
C458 2
N402 Liftgate ajar switch, left
 1) Closed
 2) Open
C458 2
C467 2
C459 2
S401 57 12 BK
C410 3
G400 57 12 BK

Sport

Diagram 419-01a-00-7

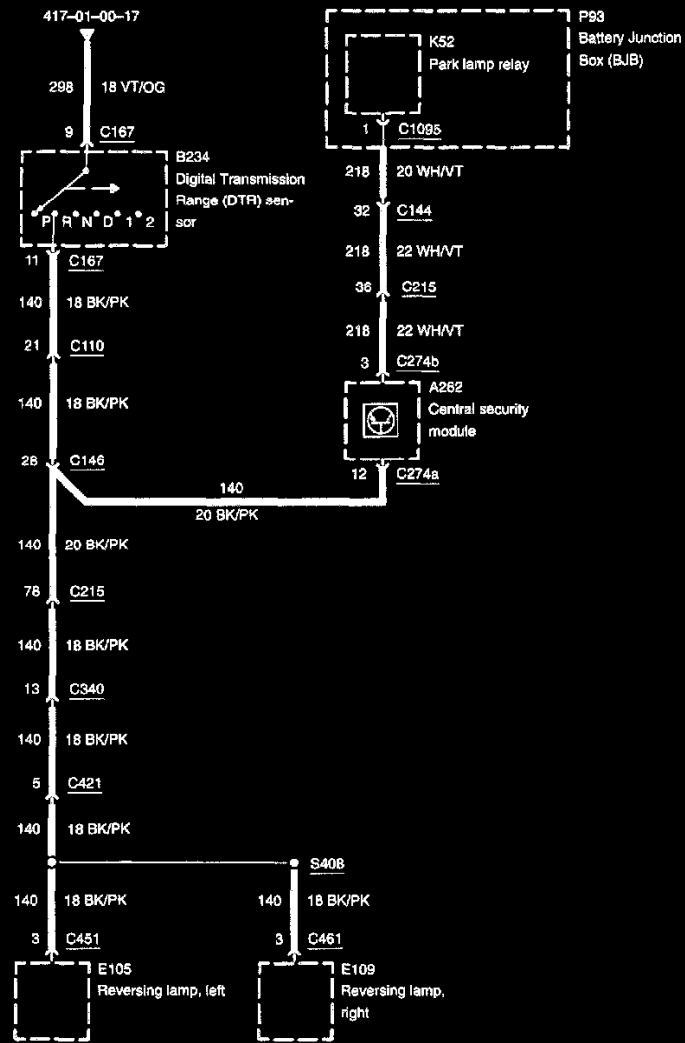
Sport Trac, Late production

Diagram 419-01a-00-9

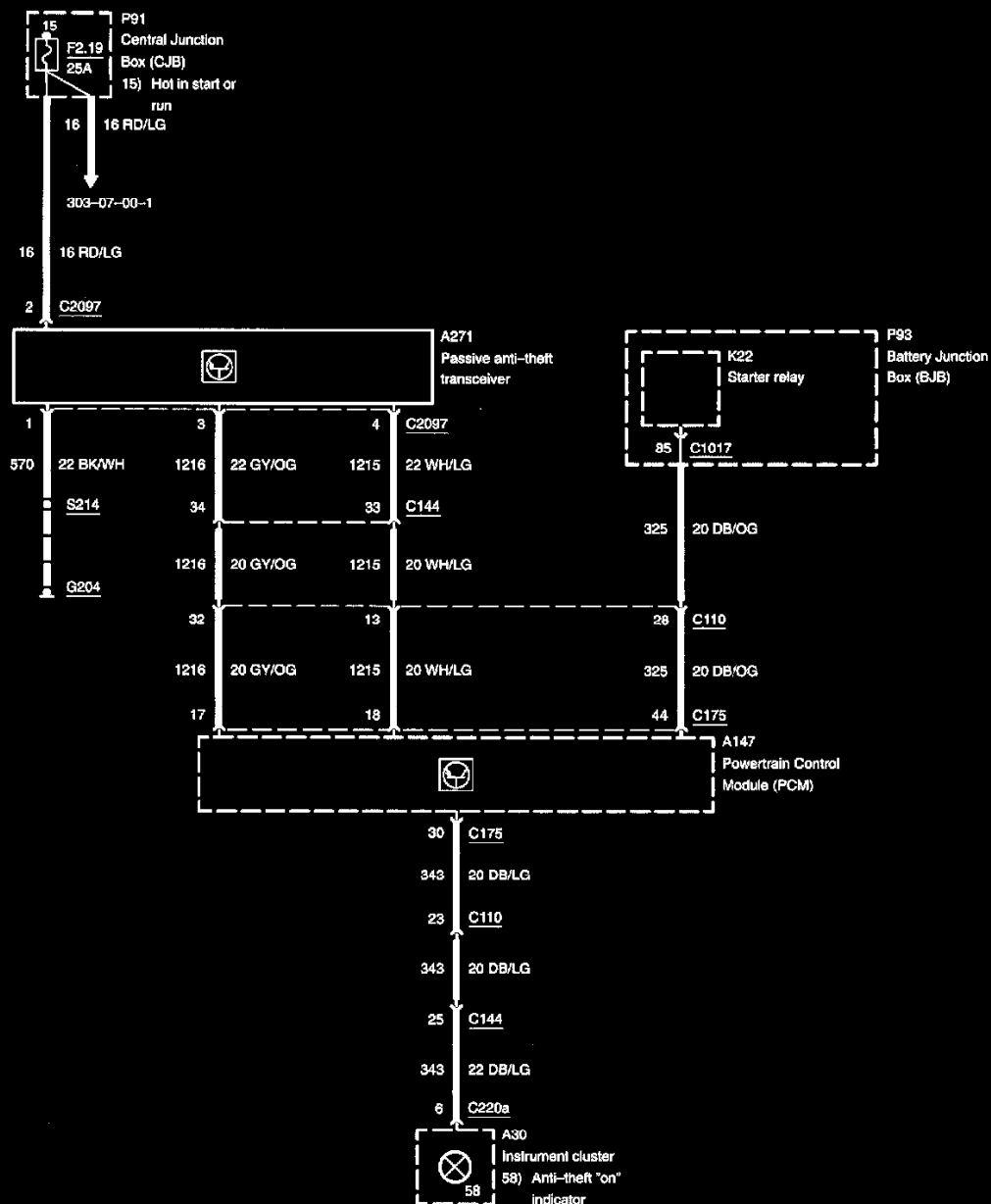
Late production

Diagram 419-01b-00-2

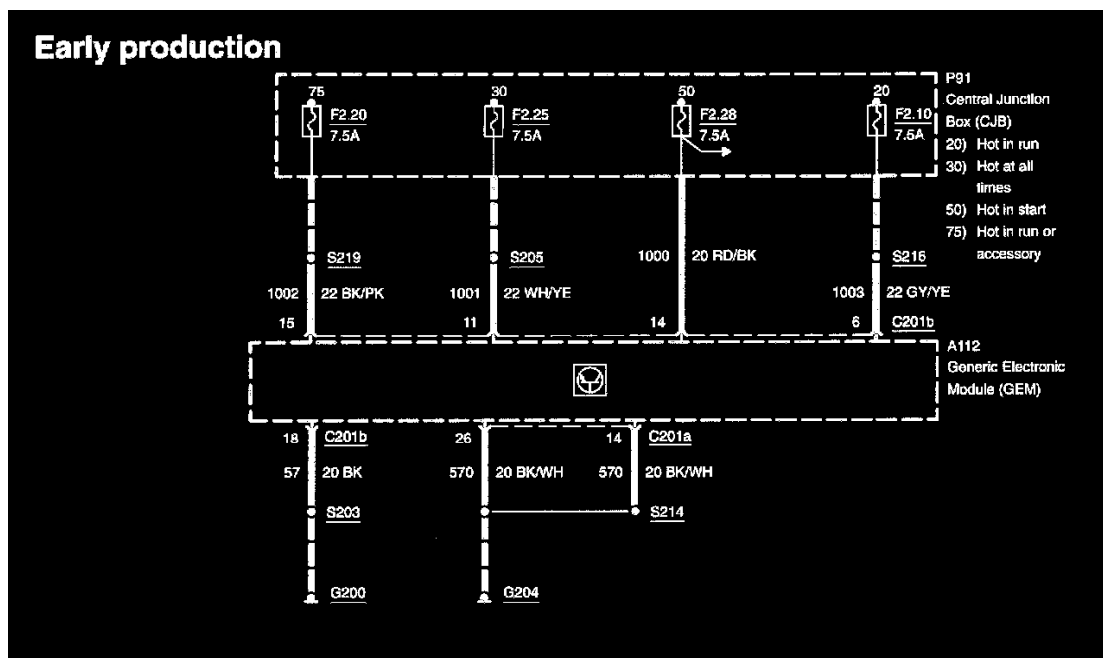


Diagram 419-10-00-1

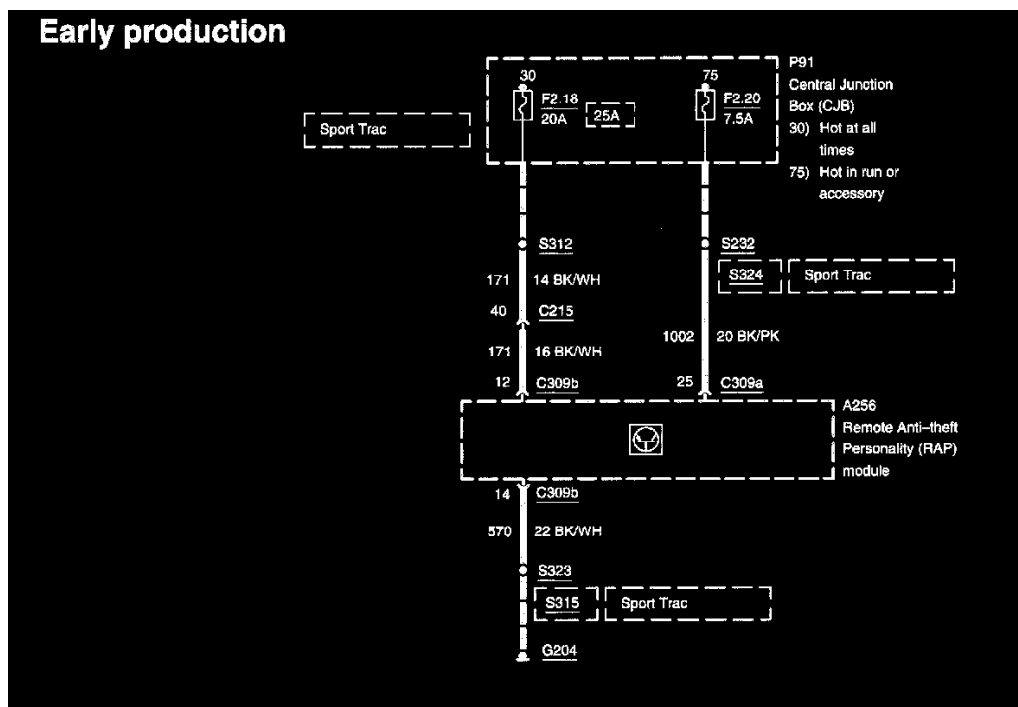


Diagram 419-10-00-2

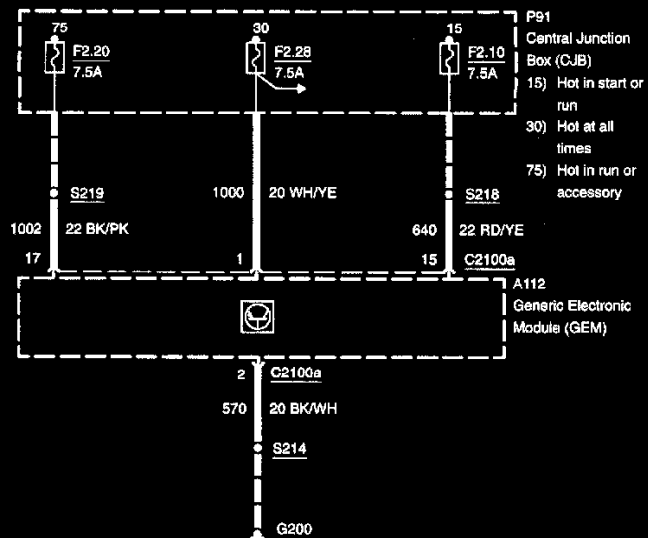
Late production

Diagram 419-10-00-3

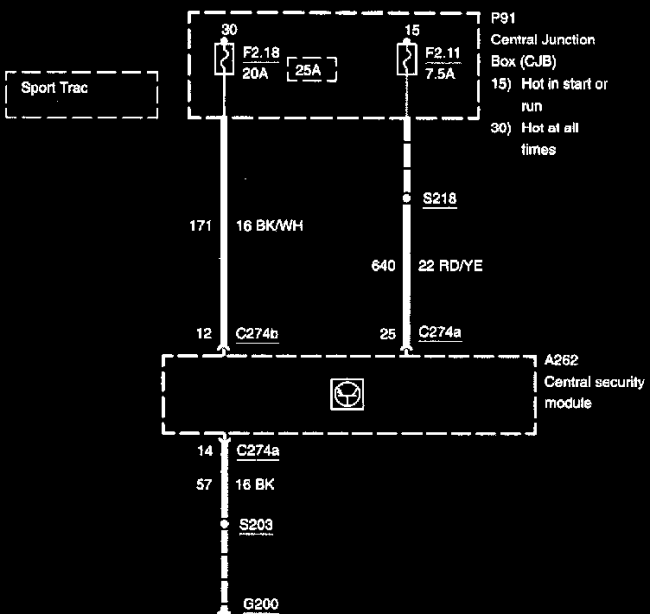
Late production

Diagram 419-10-00-4

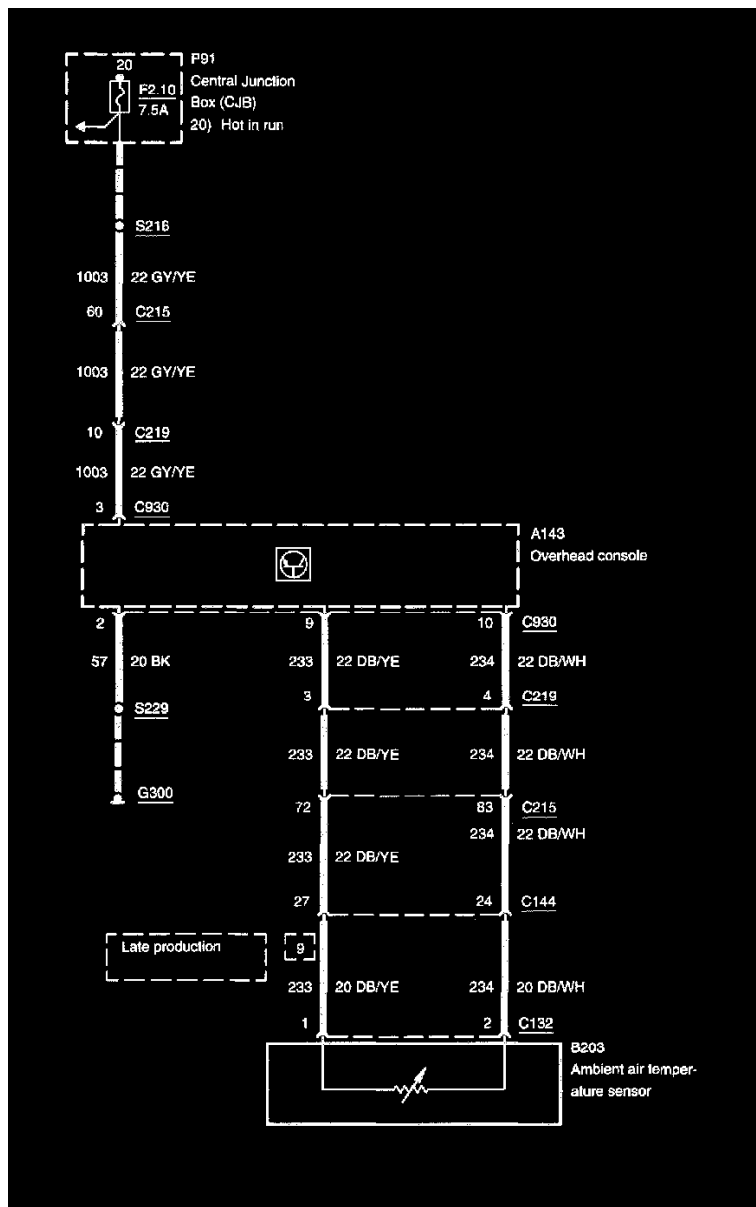


Diagram 419-11-00-1

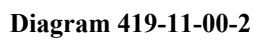


Diagram 419-11-00-2

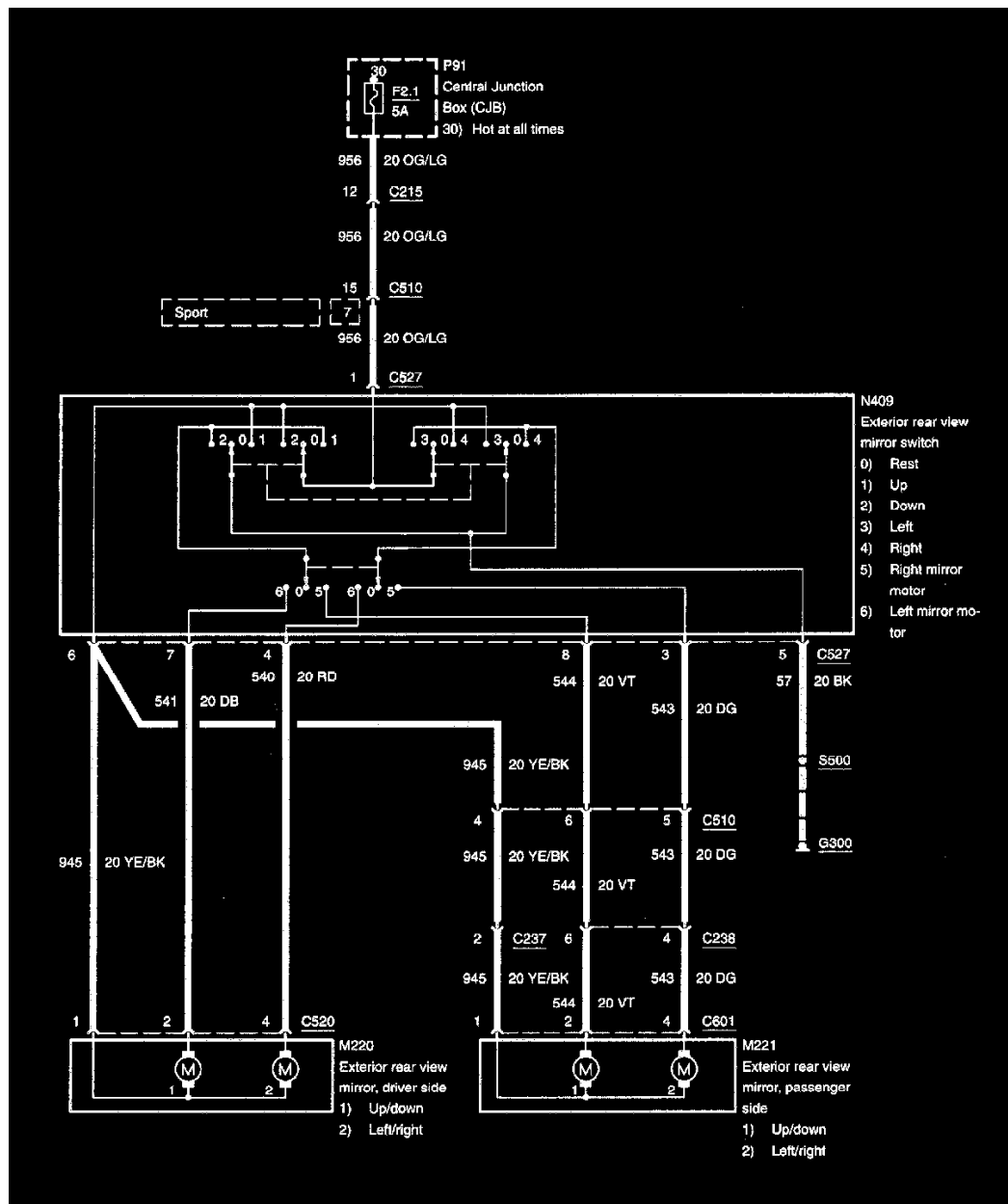


Diagram 501-09-00-1

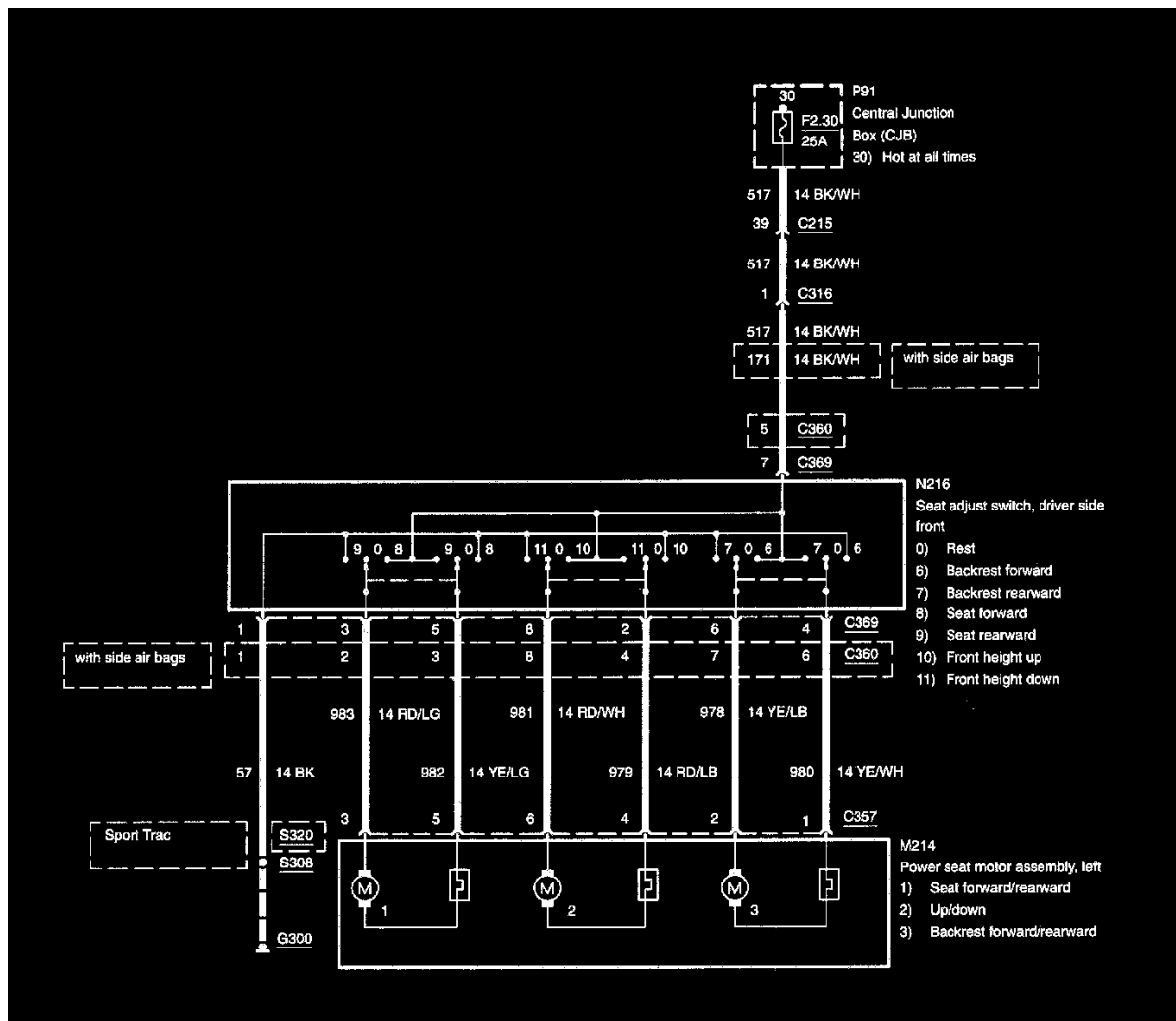


Diagram 501-10-00-1

Sport Trac

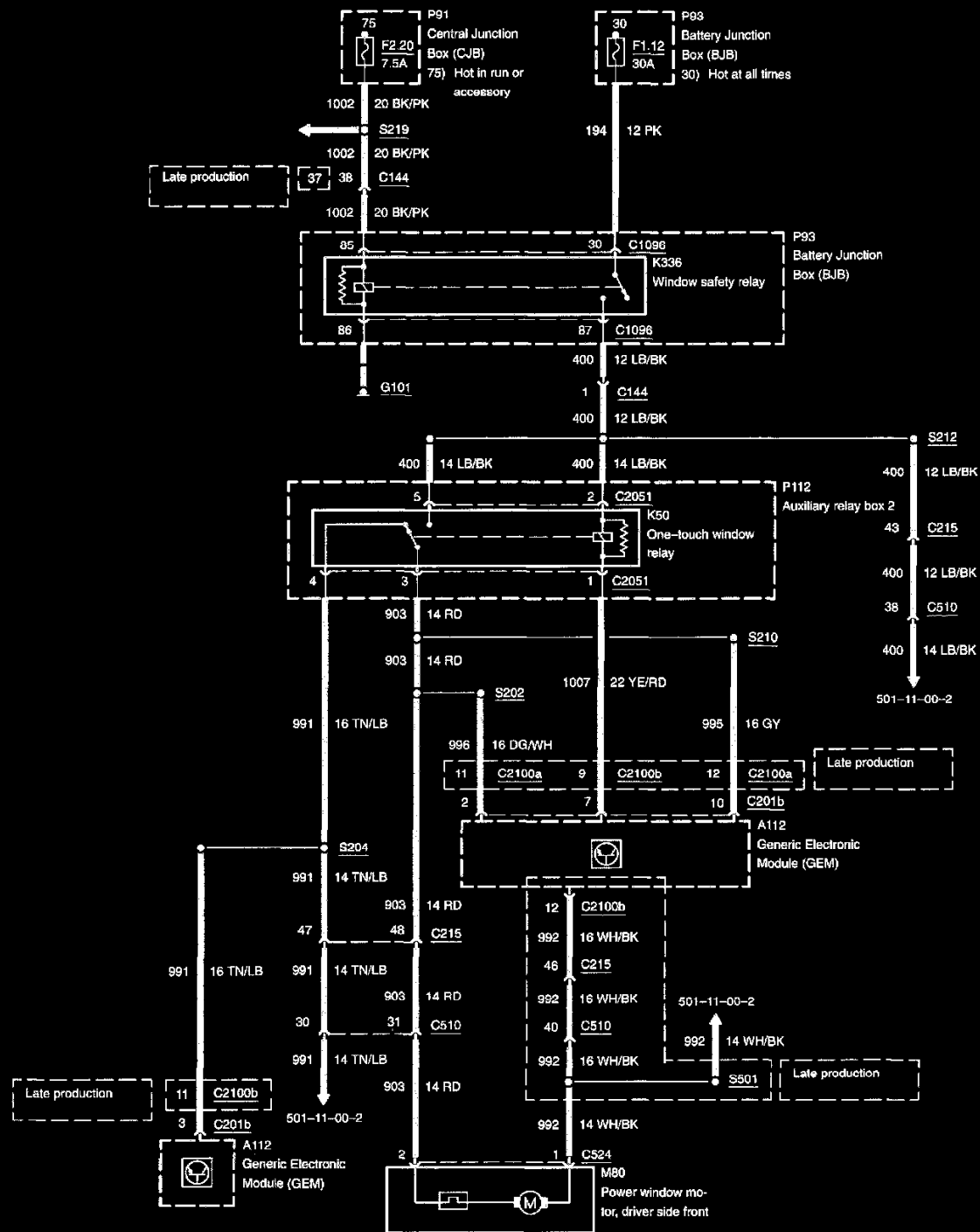


Diagram 501-11-00-1

Sport Trac

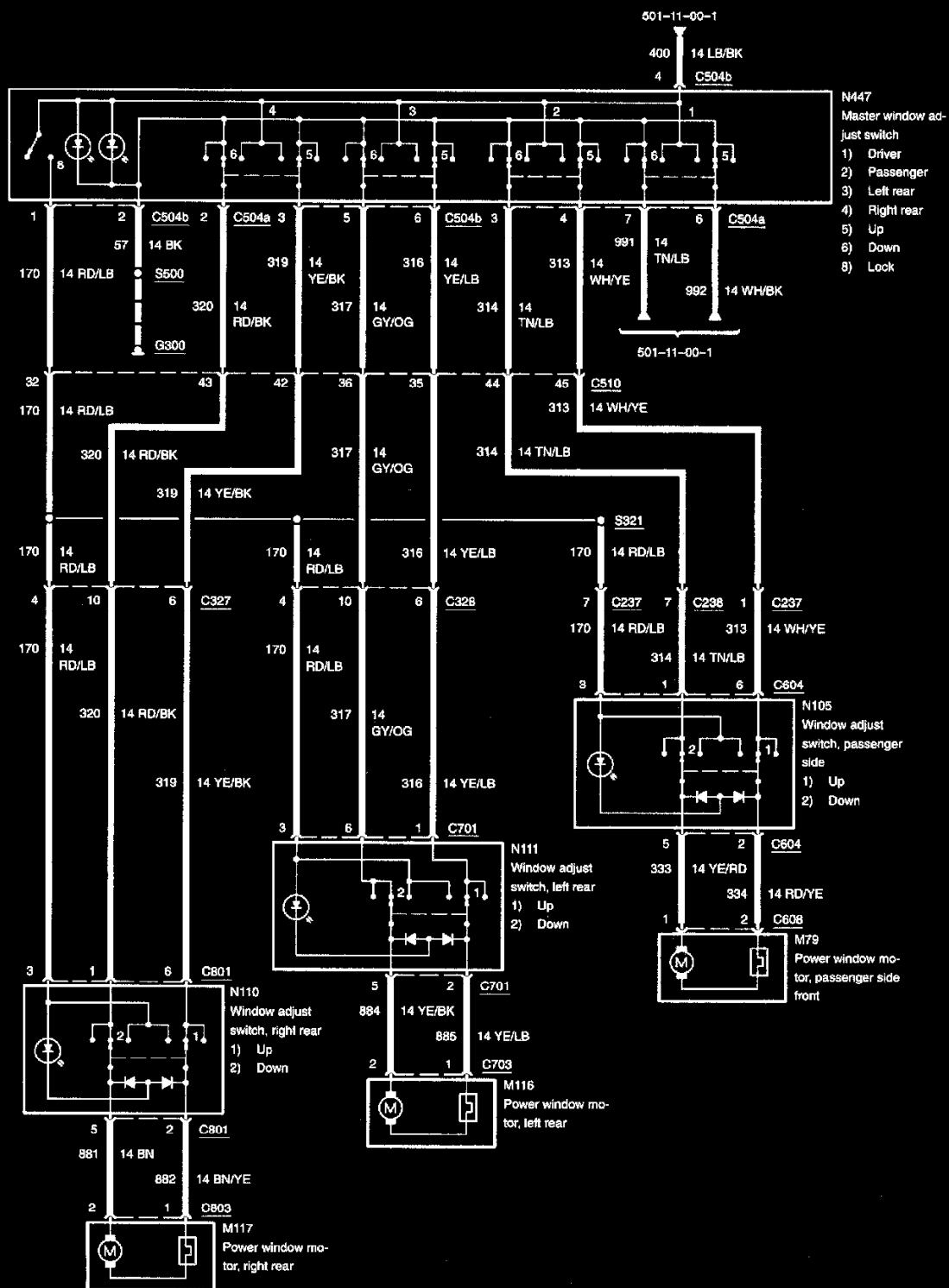


Diagram 501-11-00-2

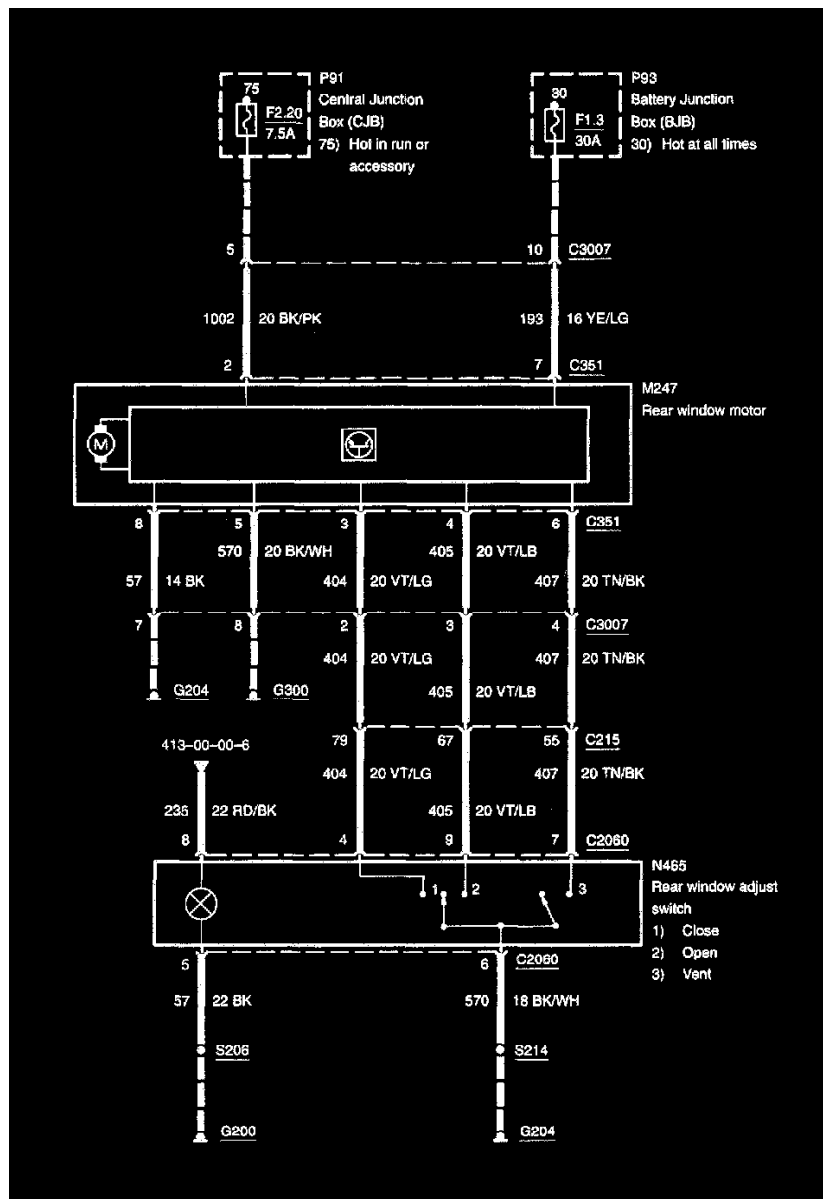


Diagram 501-11-00-5

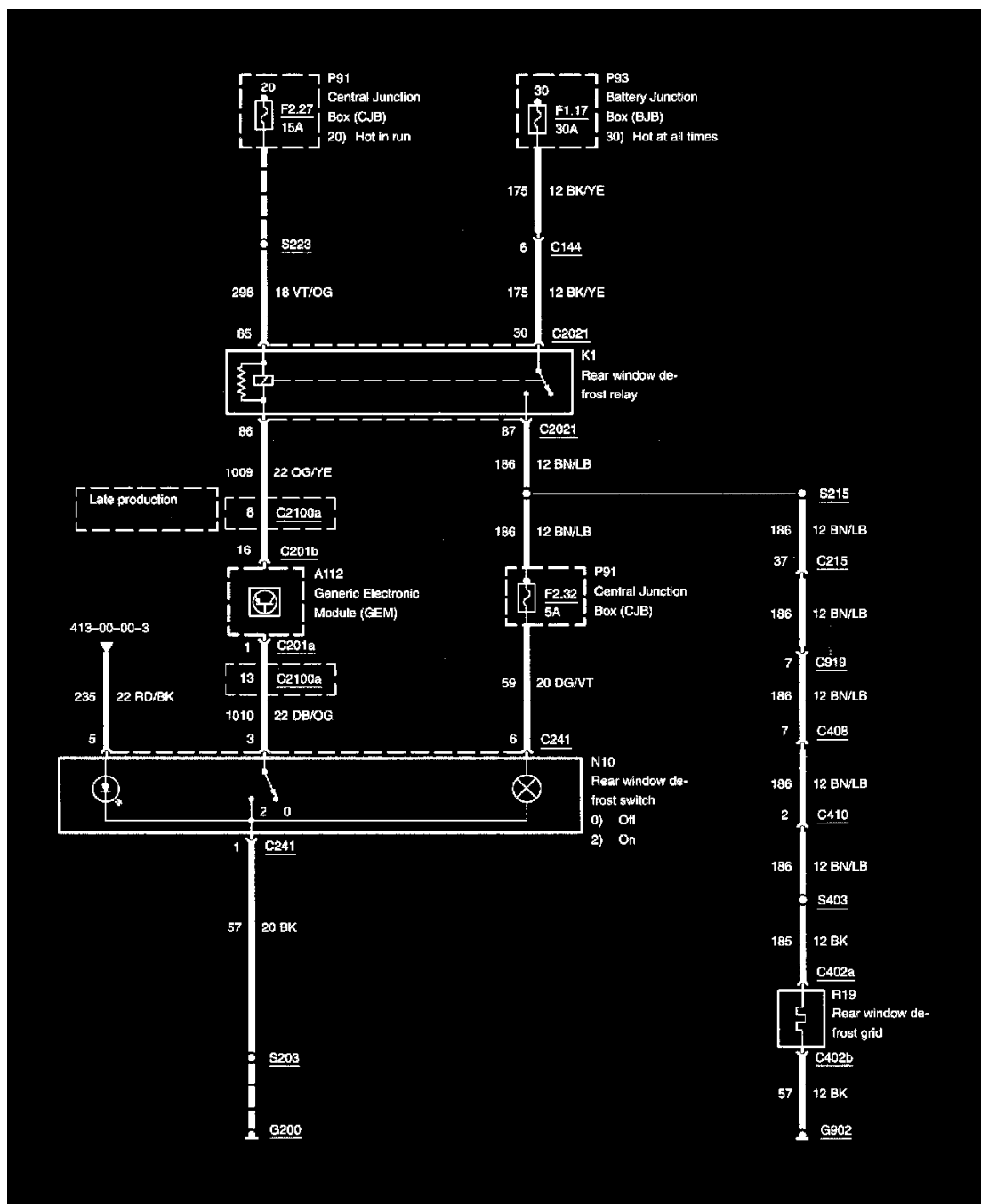


Diagram 501-11-00-6

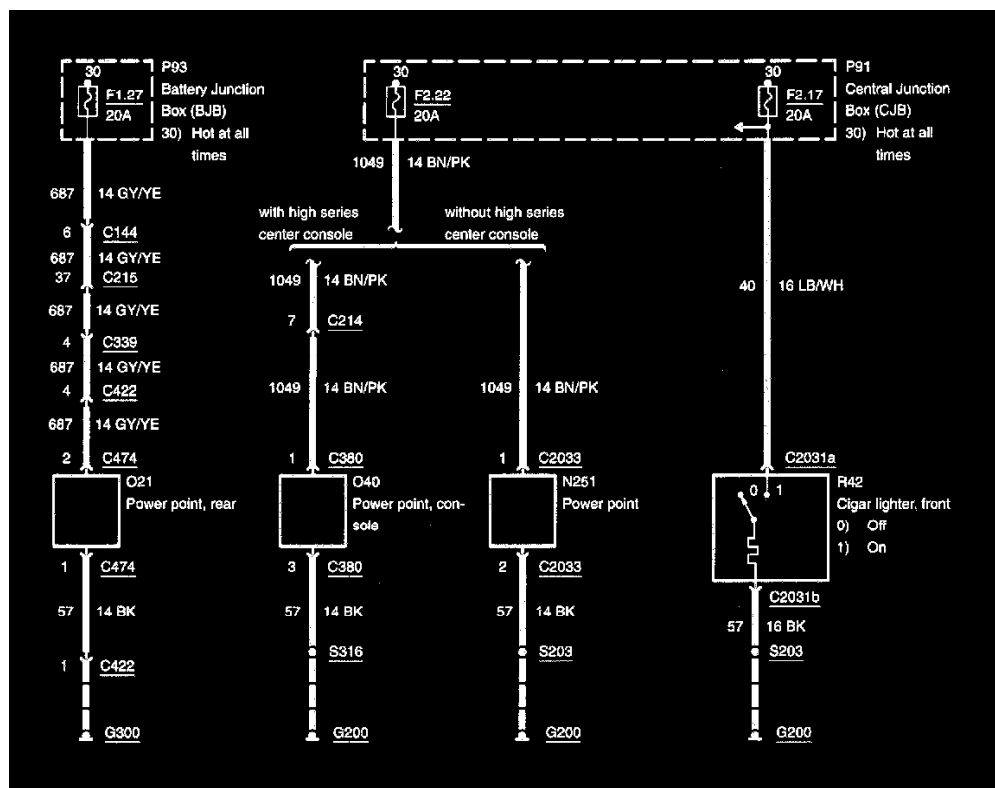
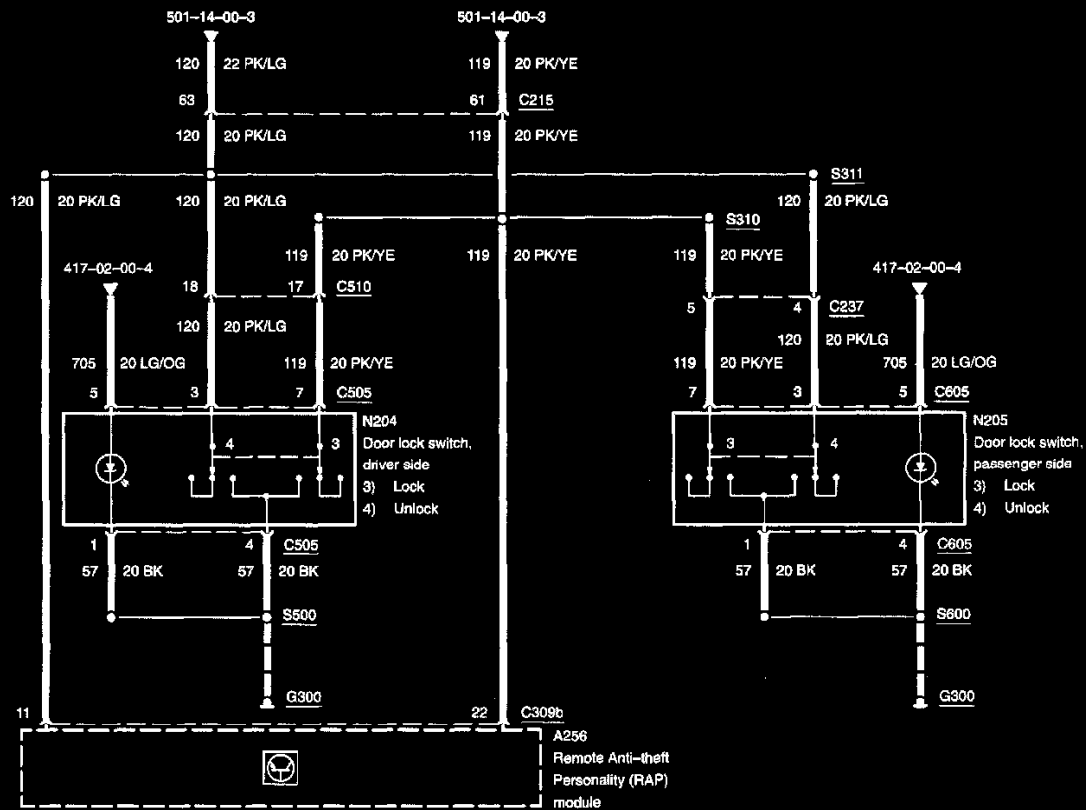
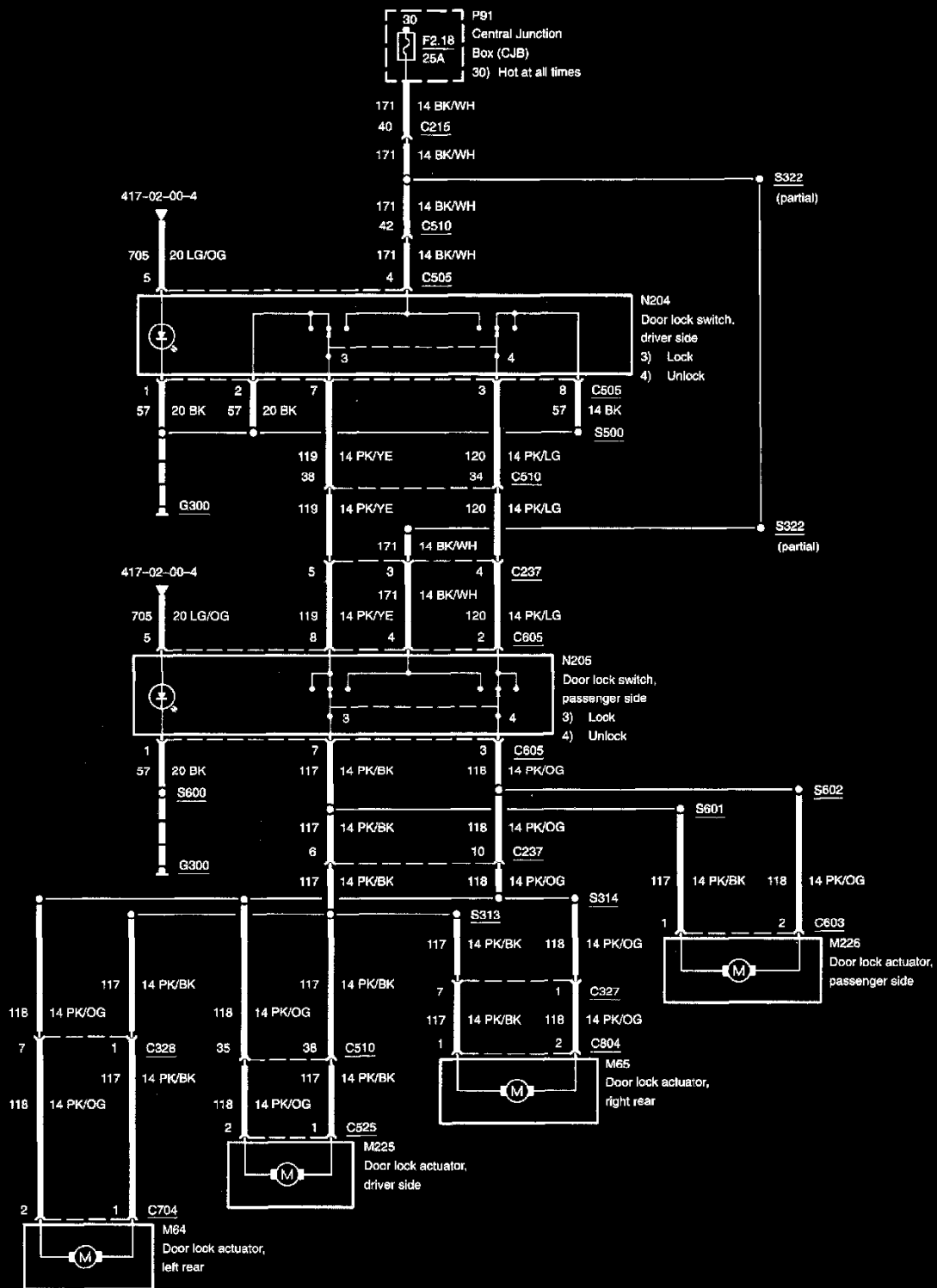


Diagram 501-12-00-1

[illegible]

Diagram 501-14-00-3

Sport Trac, With keyless entry, Early production**Diagram 501-14-00-4**

Sport Trac, Without keyless entry, Early production**Diagram 501-14-00-6**

Early production

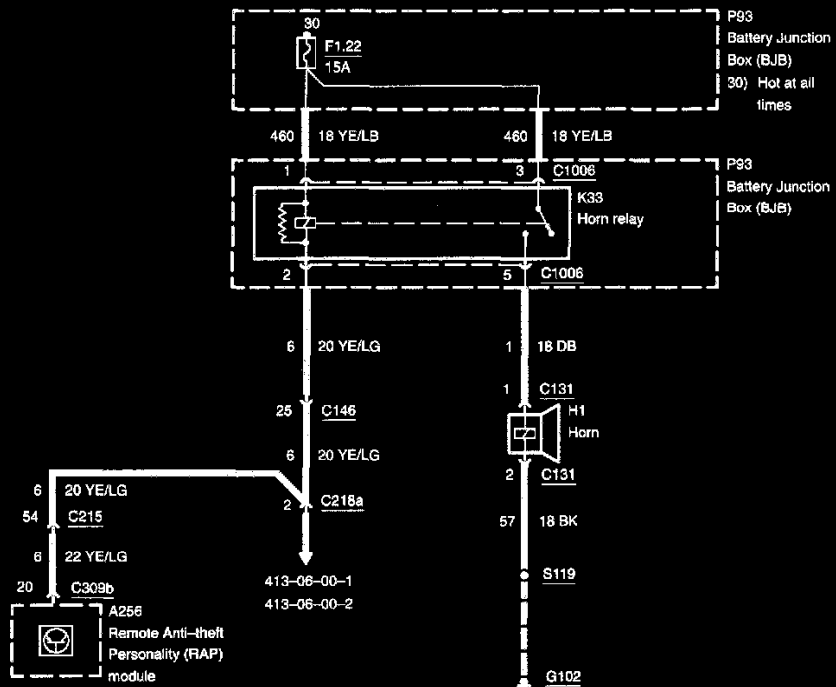


Diagram 501-14-00-7

Early production

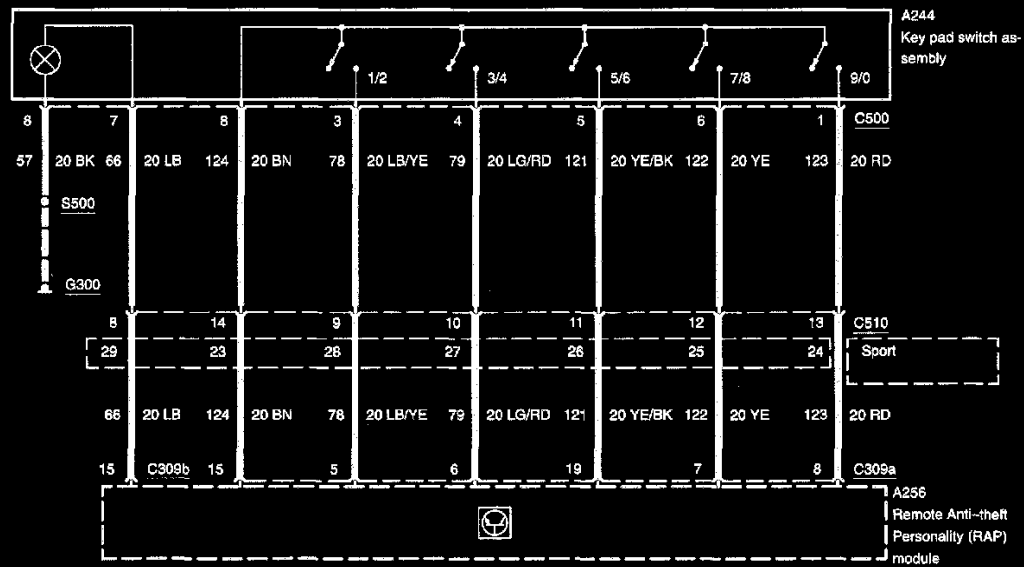


Diagram 501-14-00-8

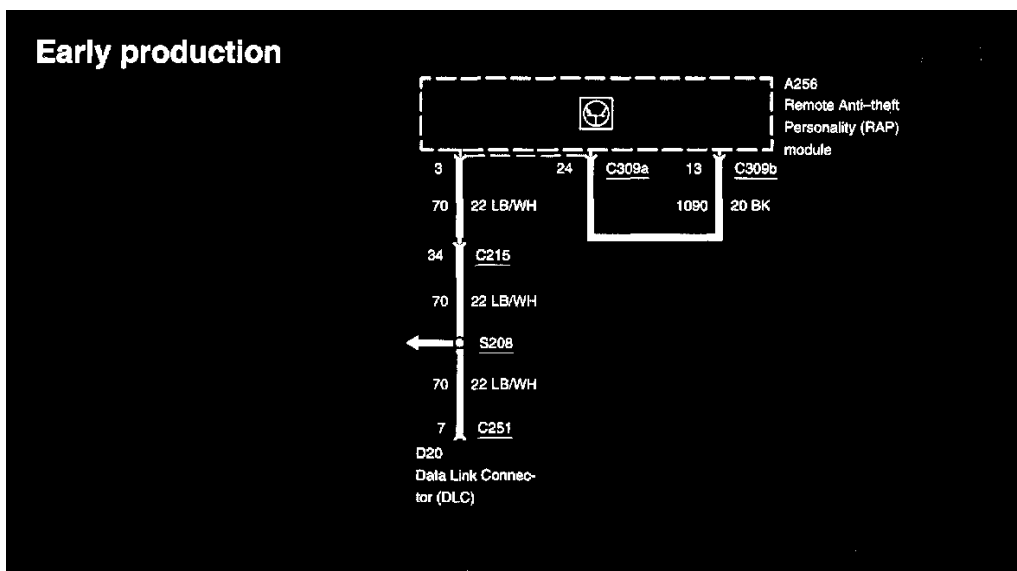
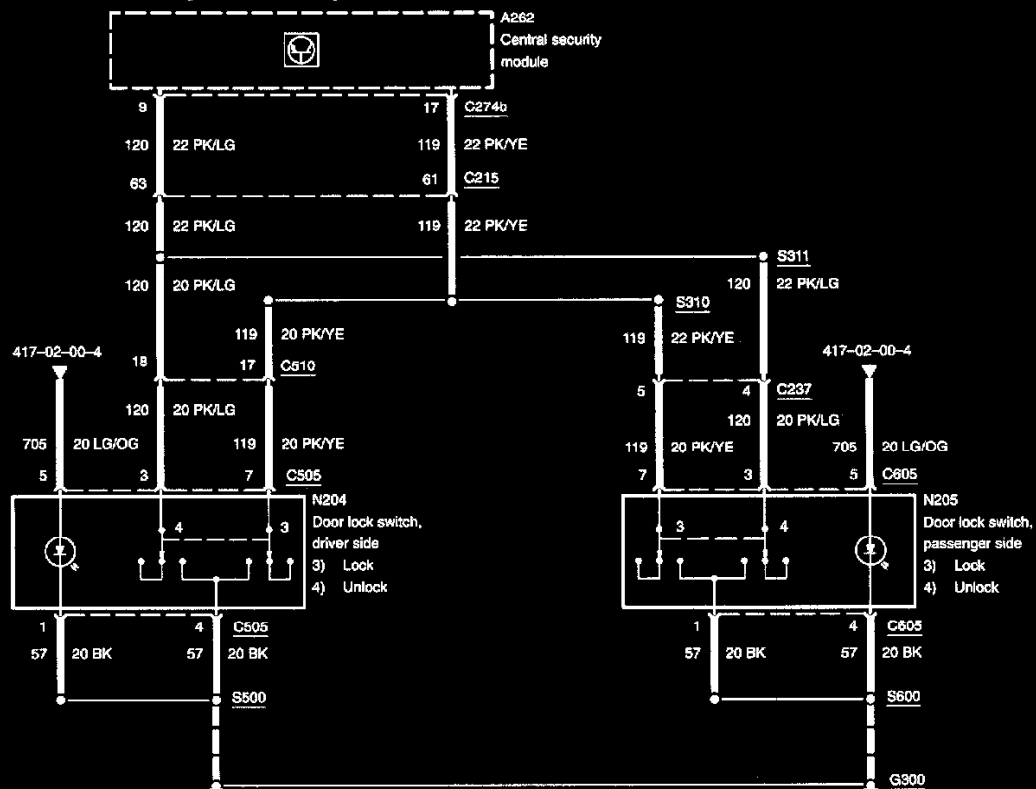


Diagram 501-14-00-9

[illegible]

Diagram 501-14-00-12

Sport Trac, With keyless entry, Late production**Diagram 501-14-00-13**

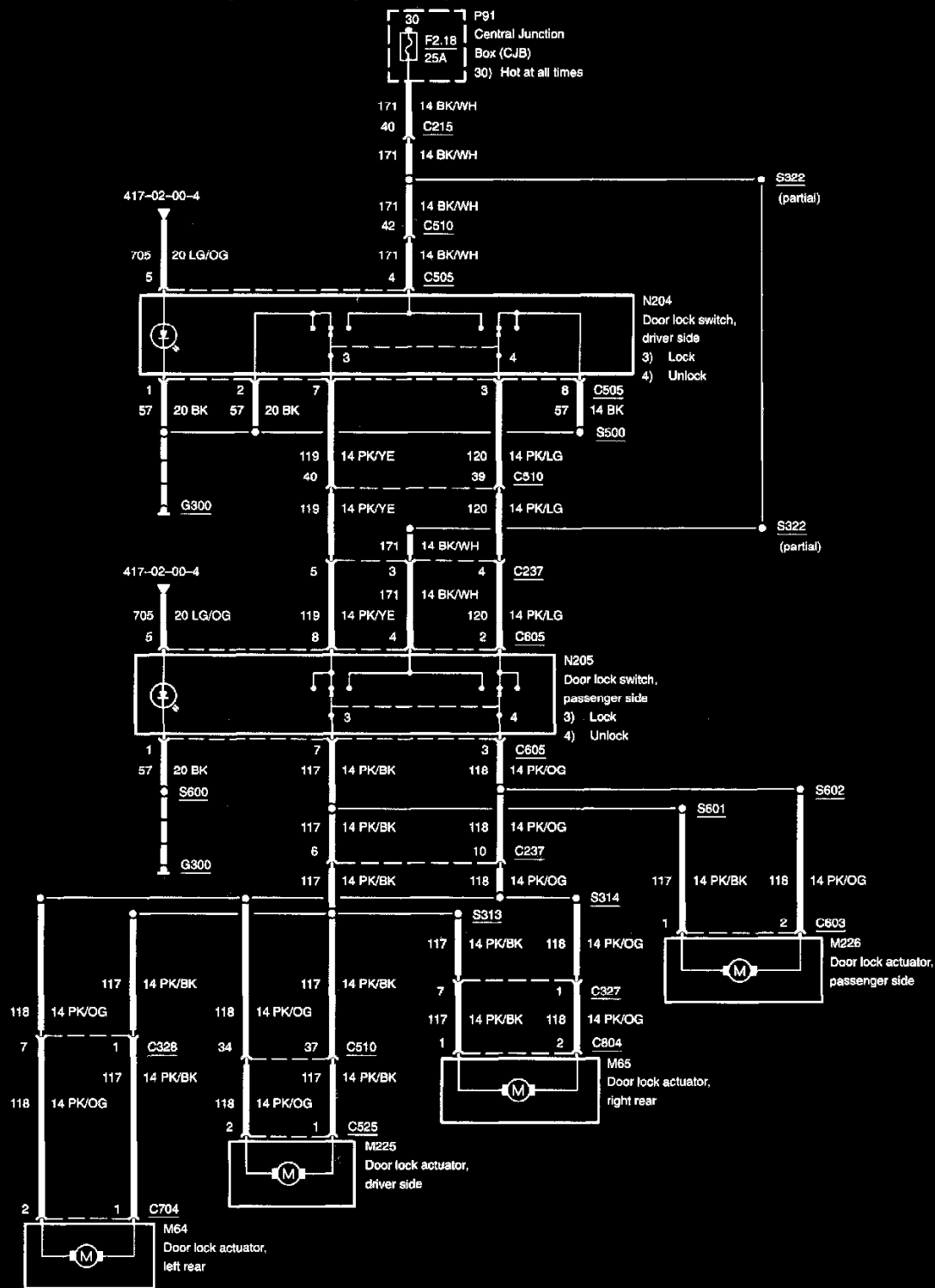
Sport Trac, Without keyless entry, Late production

Diagram 501-14-00-15

Late production

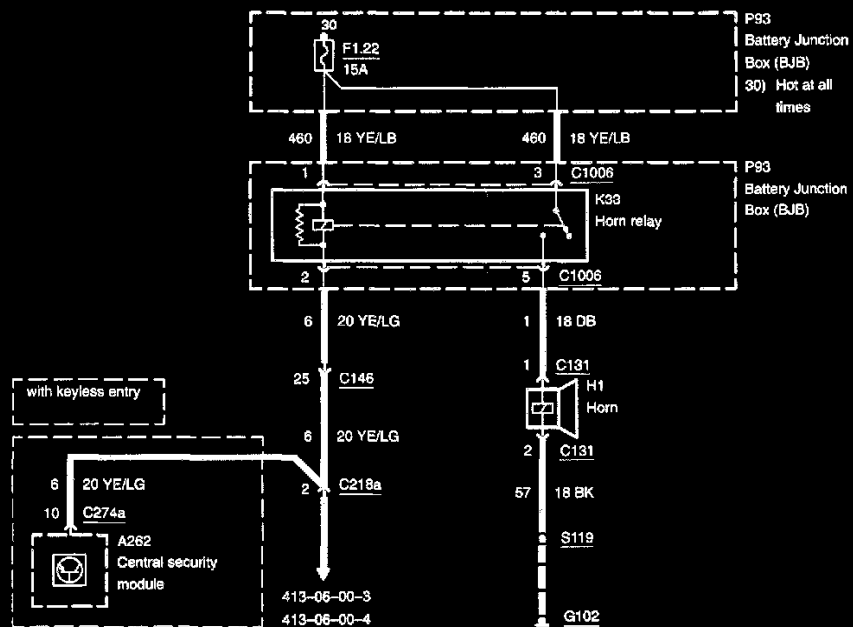


Diagram 501-14-00-16

Late production

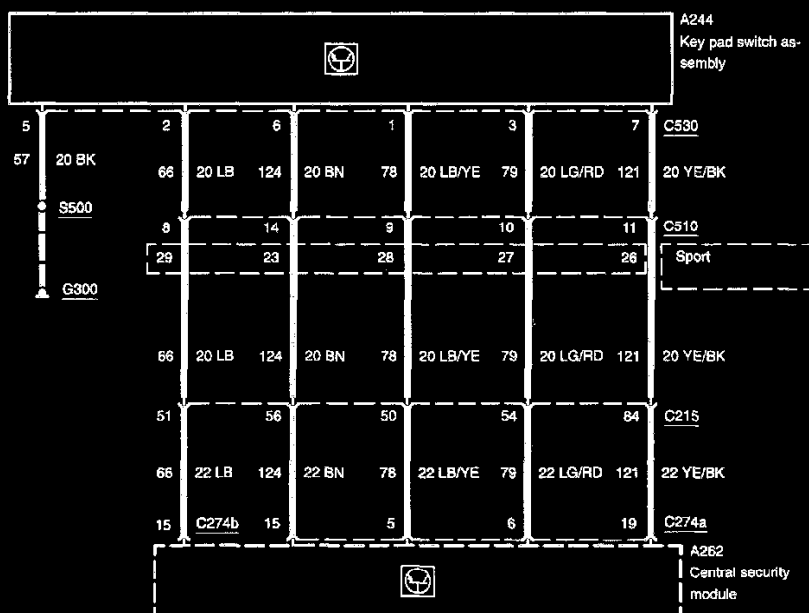
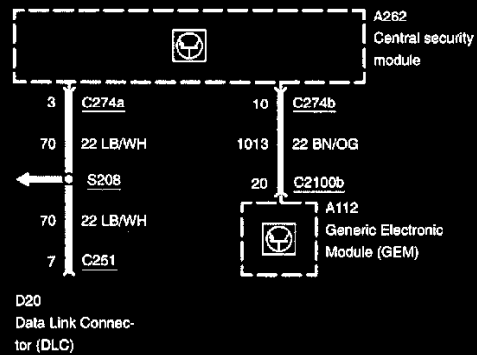
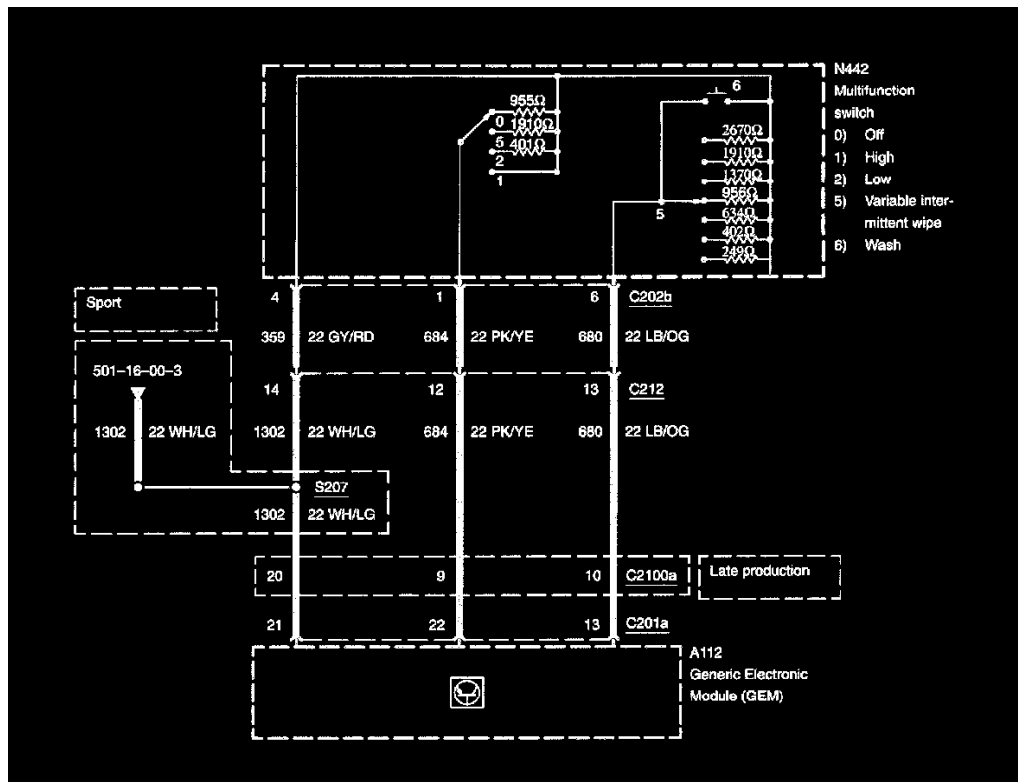


Diagram 501-14-00-17

Late production**Diagram 501-14-00-18****Diagram 501-16-00-1**

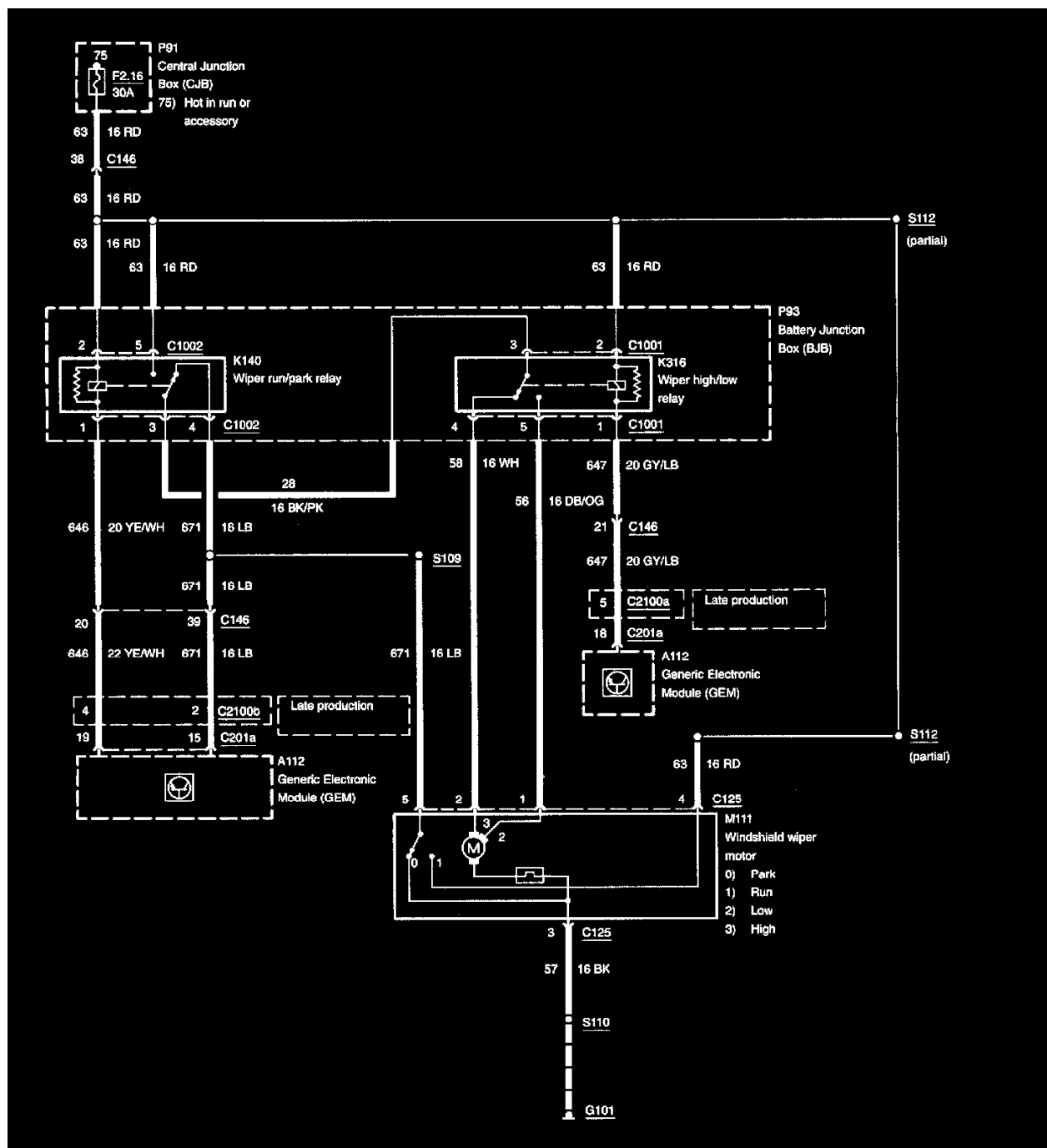


Diagram 501-16-00-2

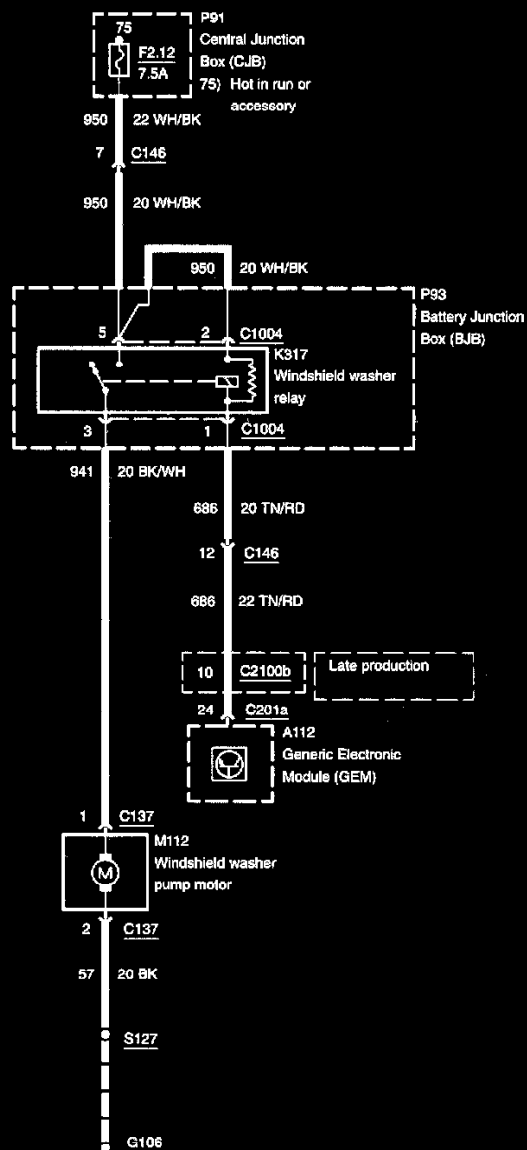
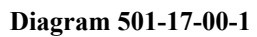
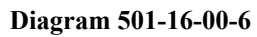
Sport Trac

Diagram 501-16-00-4





Early production

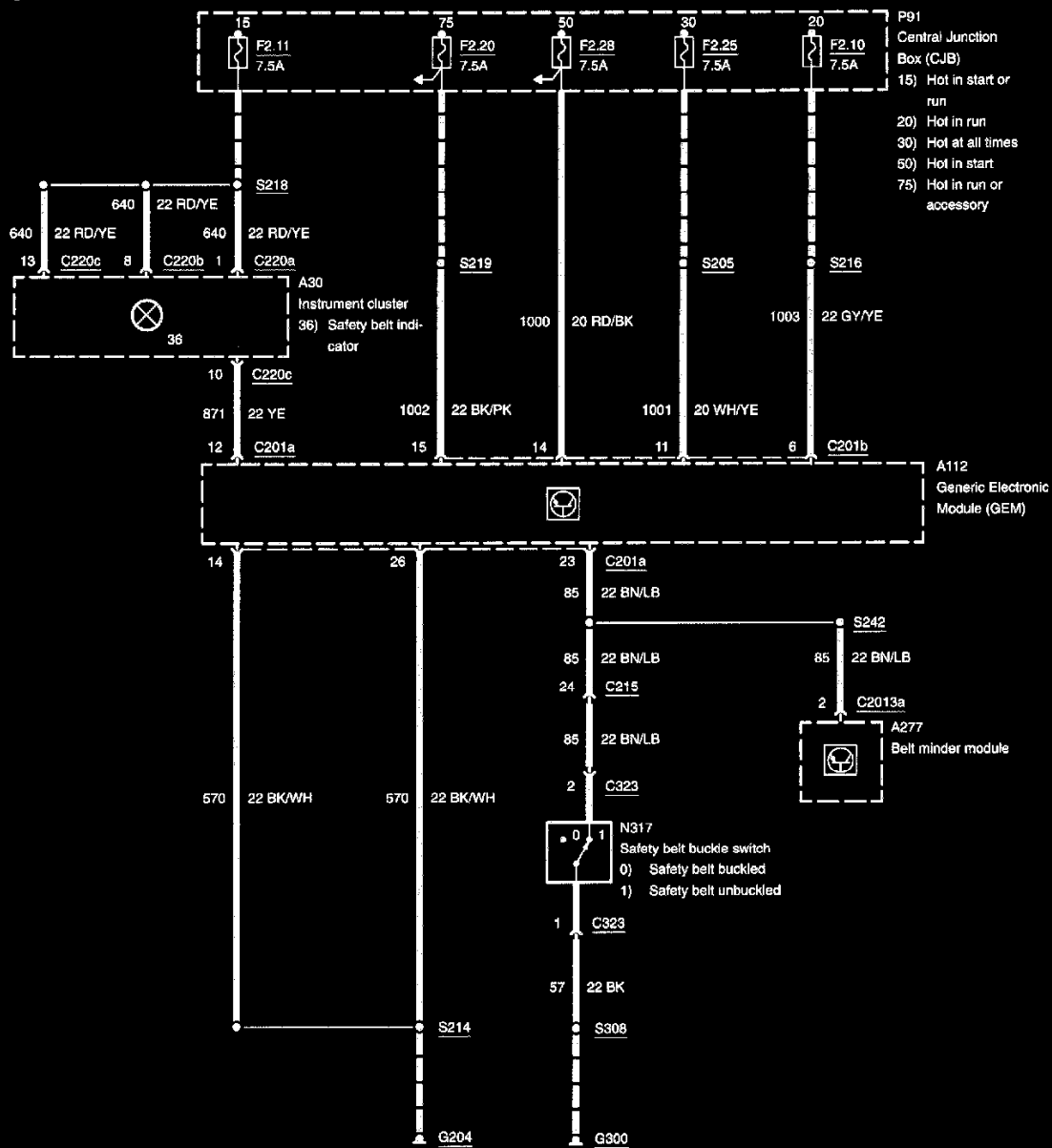
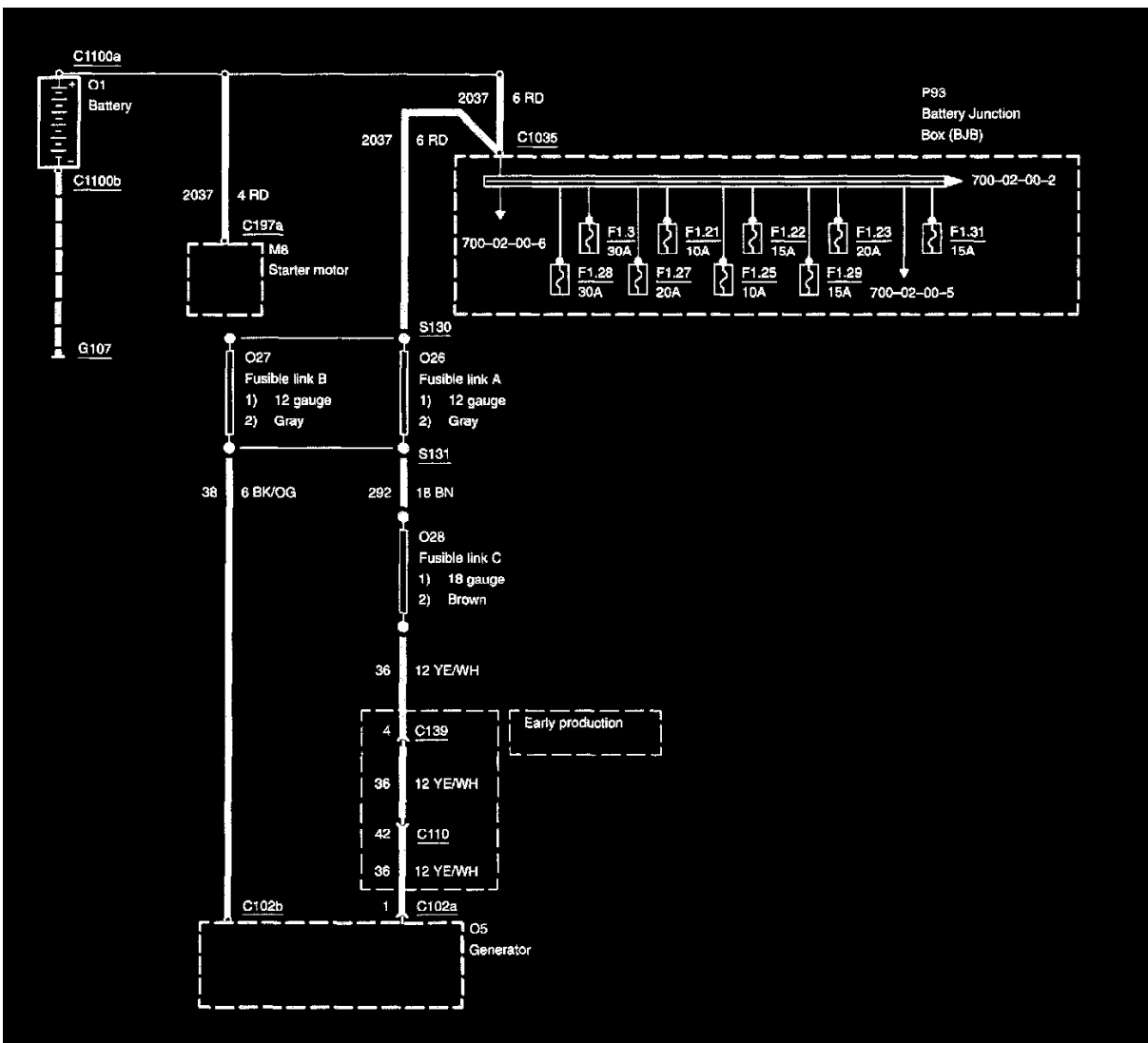


Diagram 501-20a-00-1

[illegible]

Diagram 501-20a-00-2





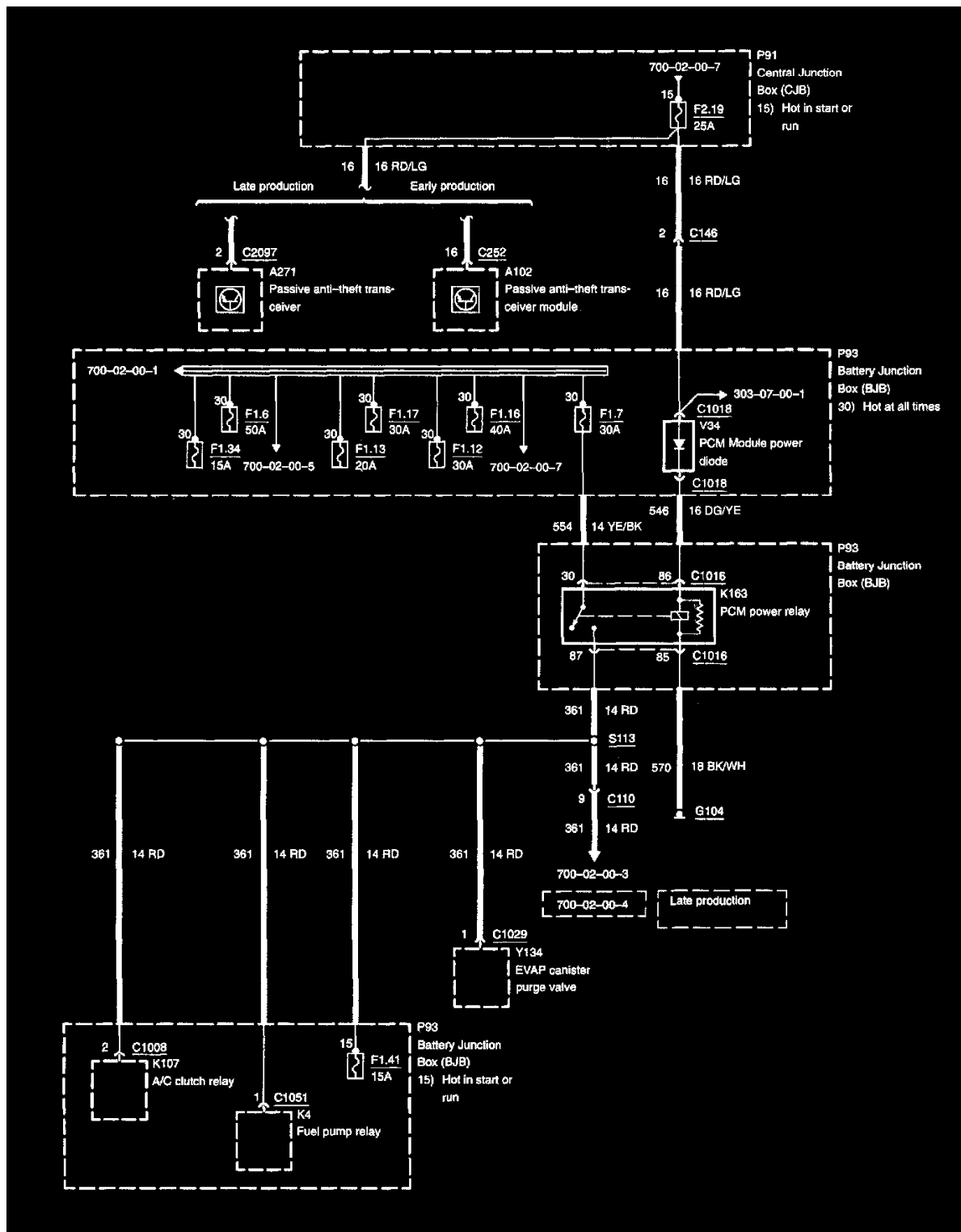


Diagram 700-02-00-2

Early production

700-02-00-2

361 14 RD

361 14 RD

361 16 RD

361 16 RD

361 16 RD

361 14 RD

S104

C186

Y113

Injector 6

C185

Y112

Injector 5

C183

Y110

Injector 3

S129

361 18 RD

361 18 RD

71

97

C175

A147

Powertrain Control Module (PCM)

S101

361 16 RD

361 16 RD

361 16 RD

361 14 RD

361 14 RD

C184

Y111

Injector 4

C181

Y108

Injector 1

C182

Y109

Injector 2

C1066

Y133

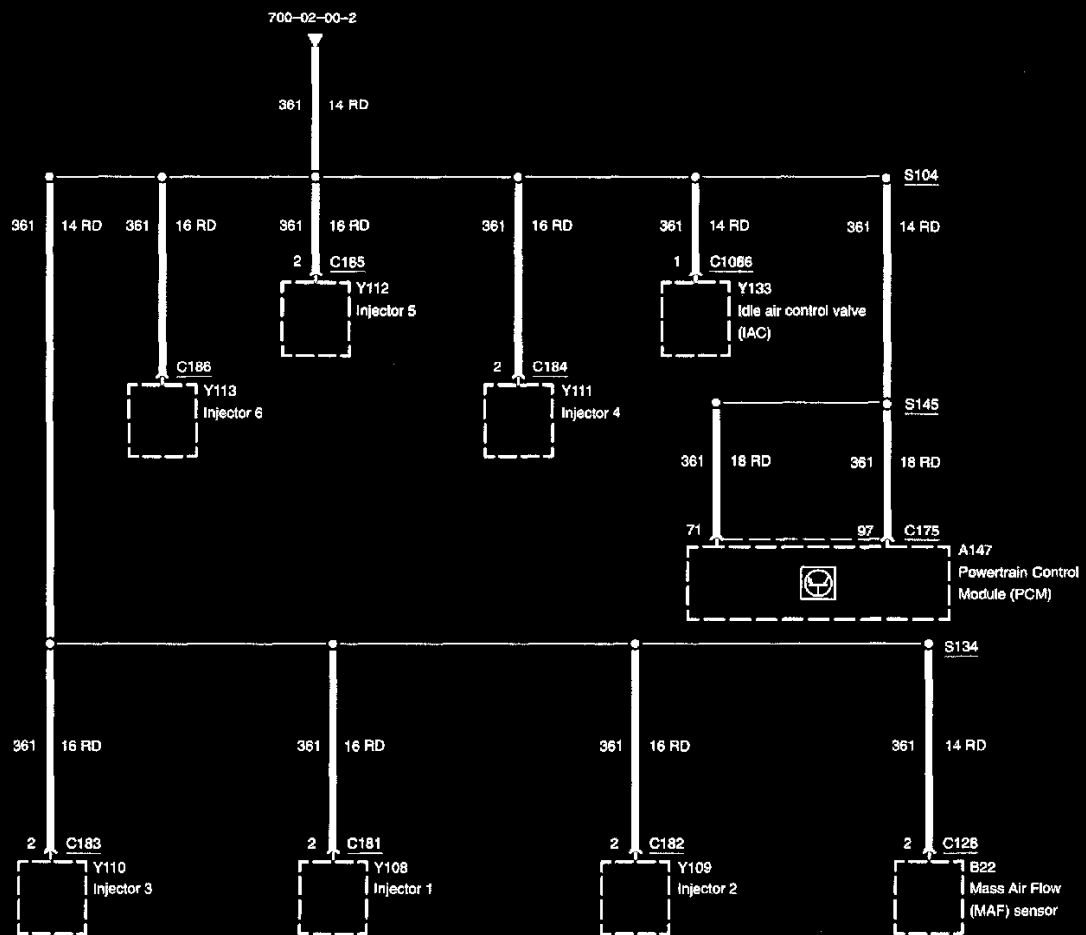
Idle air control valve (IAC)

C126

B22

Mass Air Flow (MAF) sensor

Diagram 700-02-00-3

Late production**Diagram 700-02-00-4**

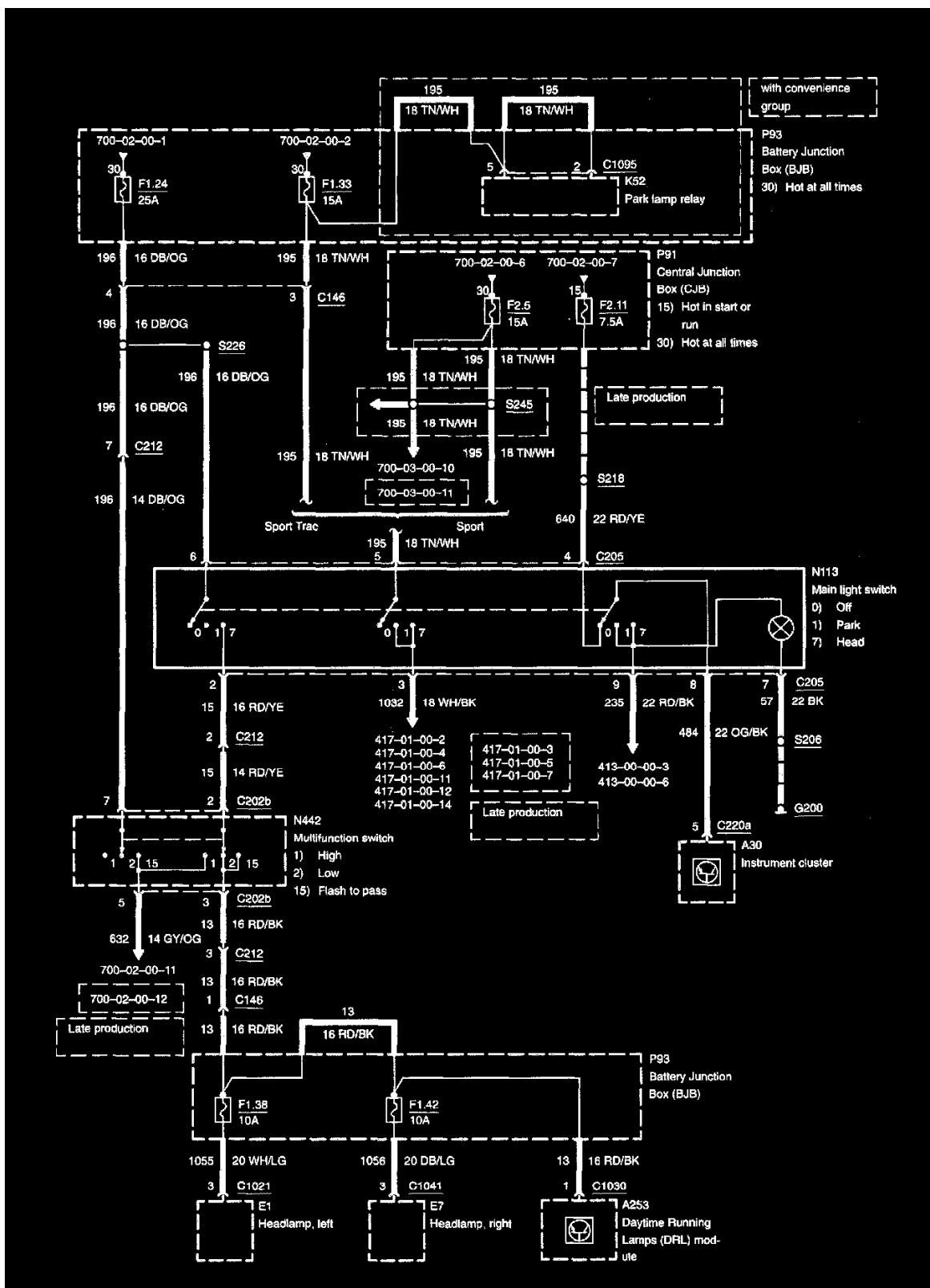


Diagram 700-02-00-5

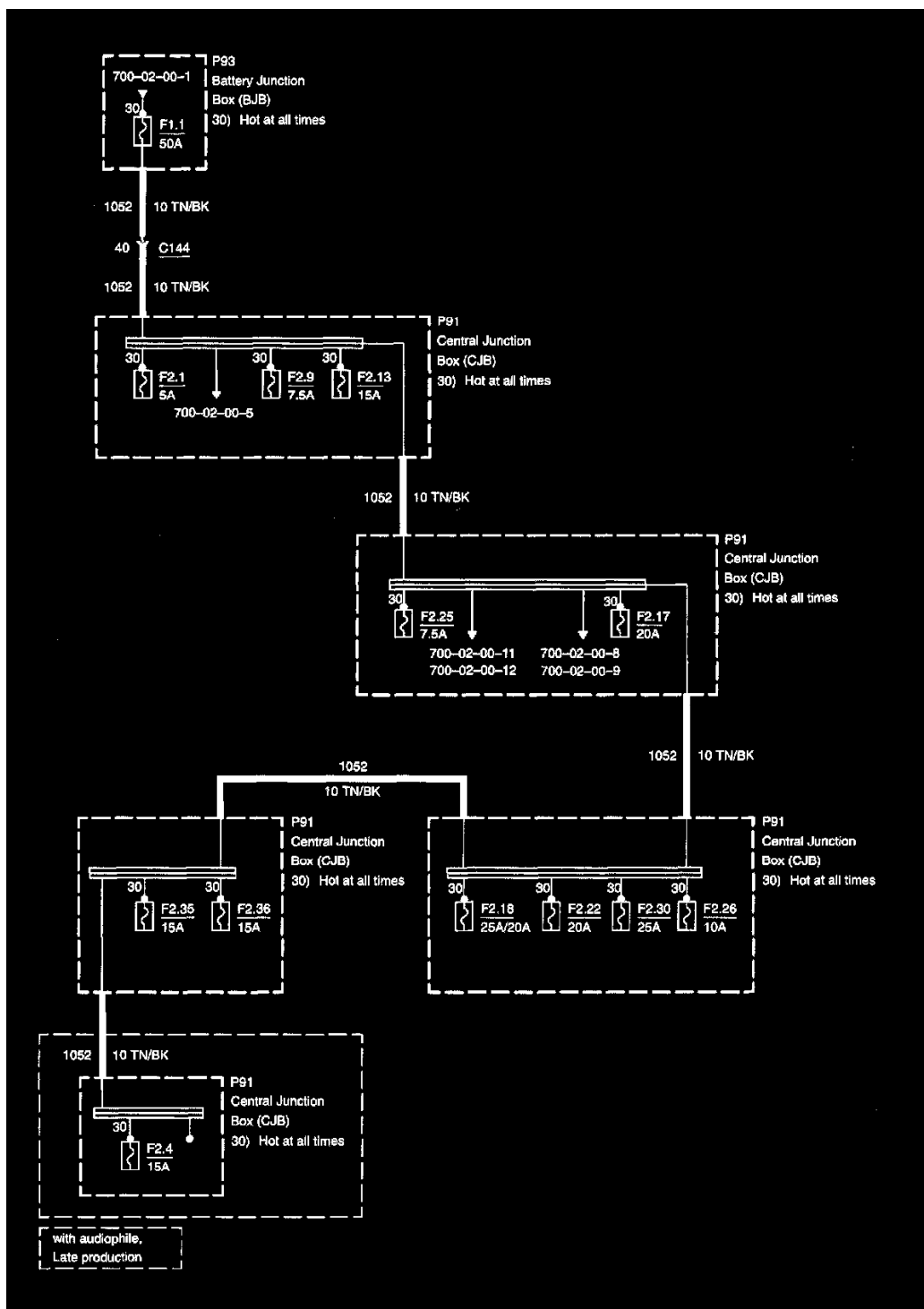
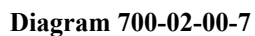


Diagram 700-02-00-6



700-02-00-6 700-02-00-7

30 F2.21 15A 20 F2.10 7.5A

383 18 RD/WH 8 18 OG/YE 1003 20 GY/YE

700-02-00-10

85 30 C2047

K2 Indicator flasher relay

86 87 87a C2047

570 22 BK/WH S209 44 18 LB 385 18 WH/RD 5 18 WH/RD 417-01-00-15 511 18 LG C202a 9

G204 44 18 LB 385 18 WH/RD 4 18 WH/RD 18

N442 Multifunction switch
16) Left turn
17) Right turn
18) Hazard

16 17 18

8 10 2 5 C202a 3 18 LG/WH 374 18 DB/WH 378 18 BN/YE 2 18 WH/LB 417-01-00-15 11 10 C212 374 18 DB/WH 378 18 BN/YE

9 20 LG/OG 52 18 YE 64 18 OG 5 20 OG/LB

58 77 65 57 C215

9 18 LG/OG 52 18 YE 64 18 DG 5 18 OG/LB

10 C340 7 C340

9 18 LG/OG 1 C339 5 18 OG/LB

1 C421 52 16 YE 64 16 DG 2 C421

9 18 LG/OG 3 C412 3 4 C439 5 18 OG/LB

3 C415

E222 Park/turn lamp, left rear E201 Trailer tow connector E223 Park/turn lamp, right rear

P91 Central Junction Box (CJB)
20) Hot in run
30) Hot at all times

P112 Auxiliary relay box 2

P91 Central Junction Box (CJB)

Diagram 700-02-00-9

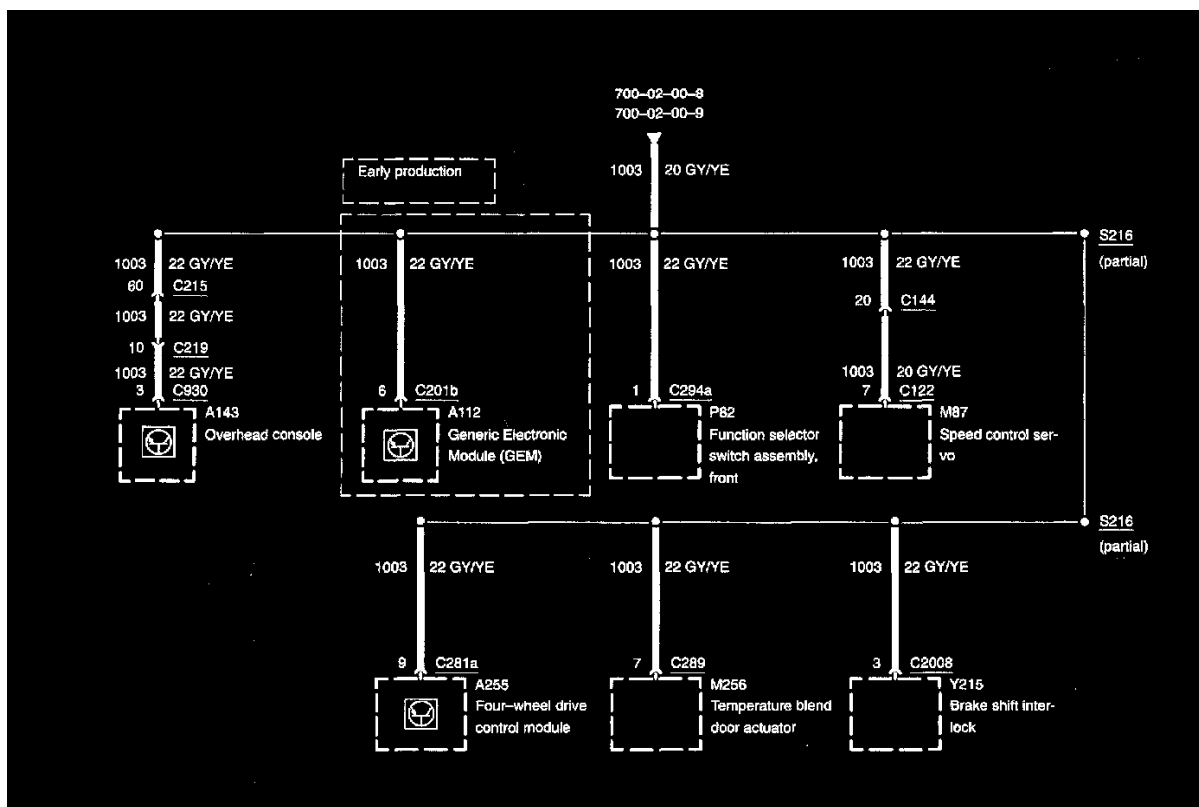


Diagram 700-02-00-10

Early production

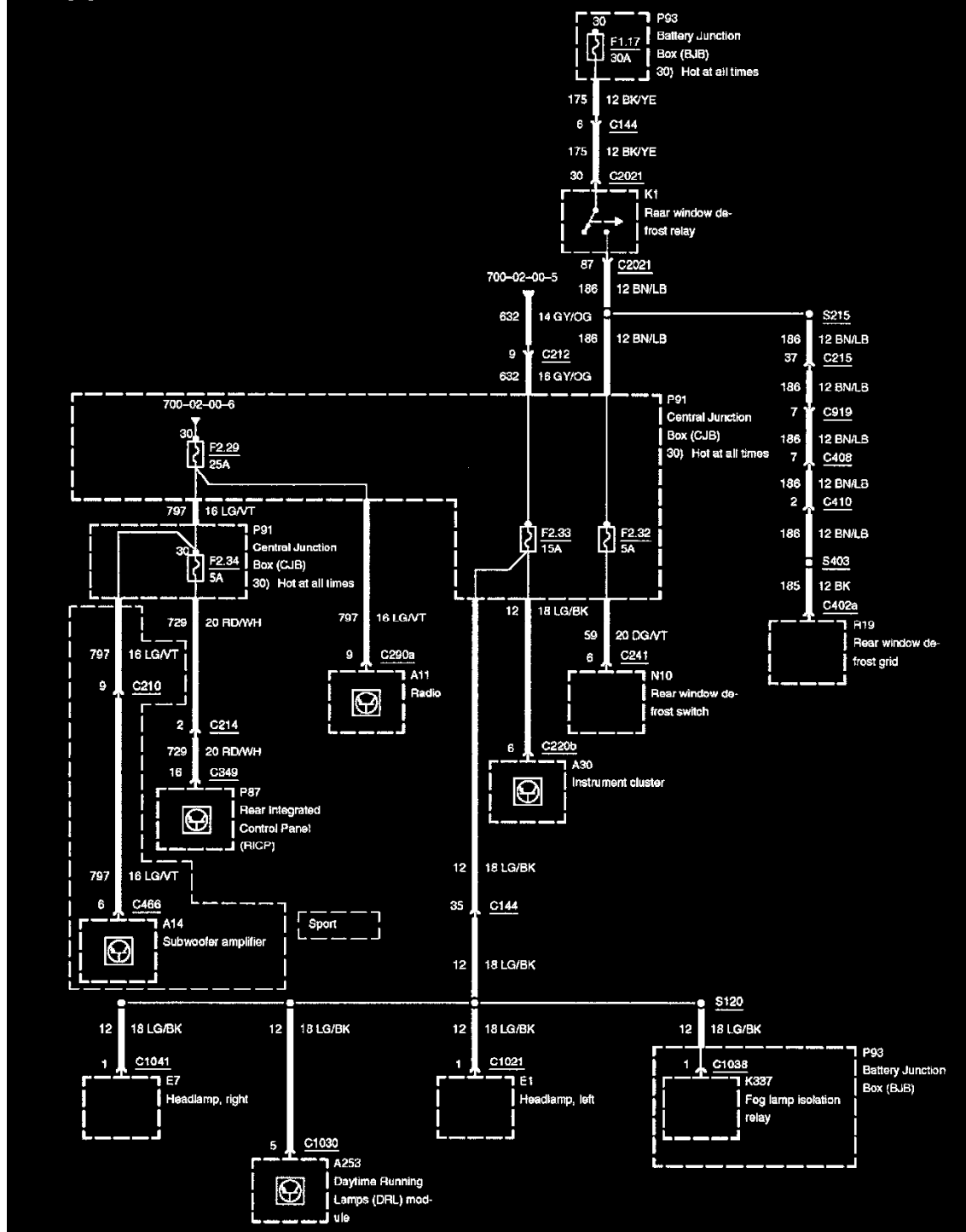


Diagram 700-02-00-11



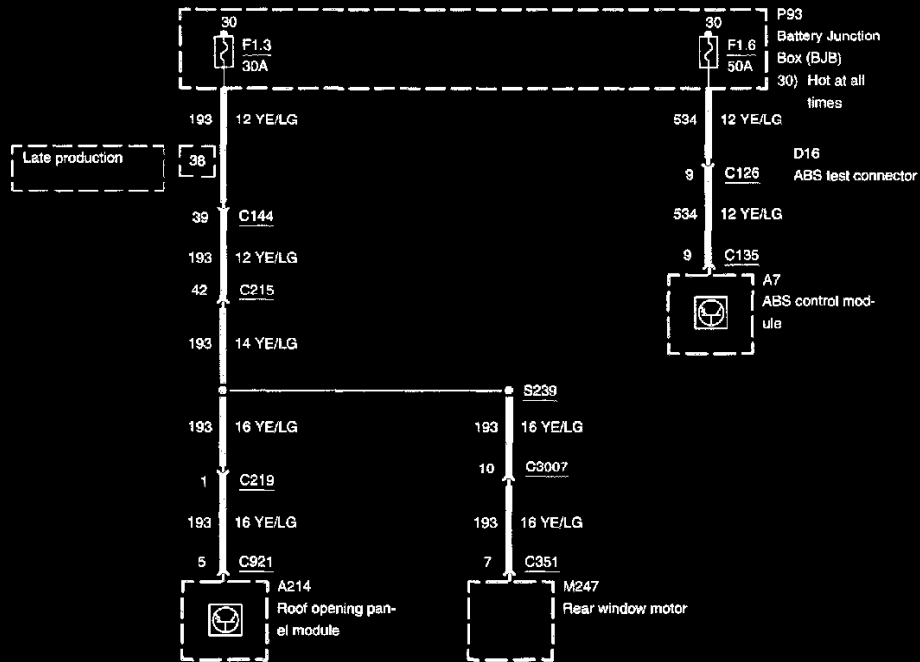


Diagram 700-03-00-1

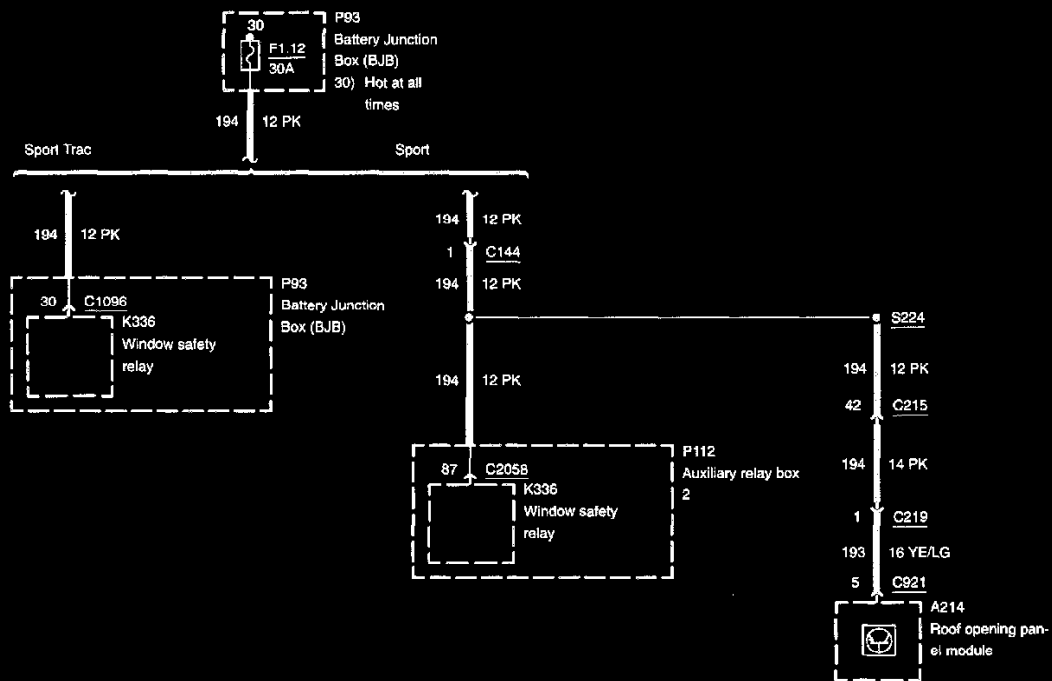
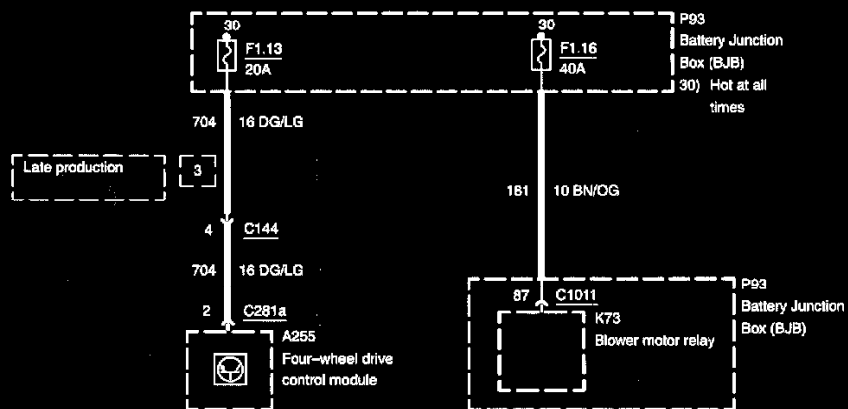
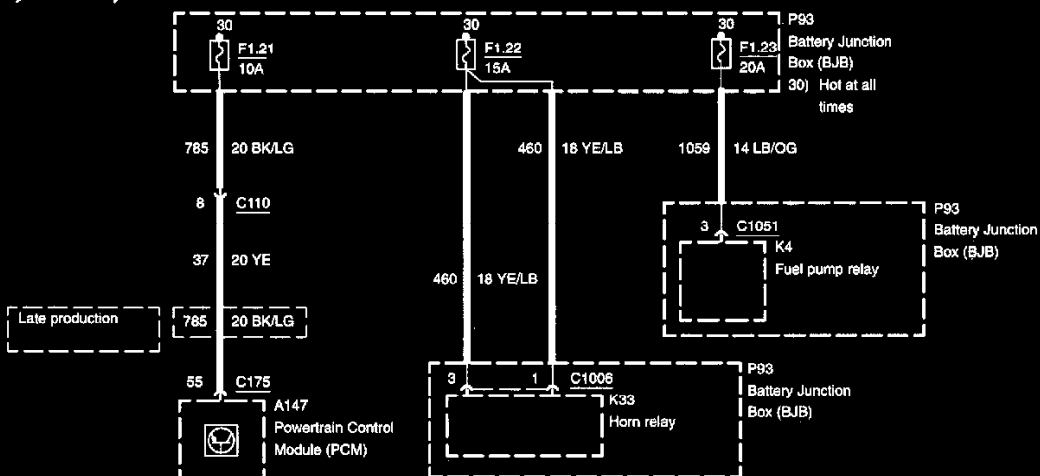


Diagram 700-03-00-2

F1.13, F1.16**Diagram 700-03-00-3****F1.21, F1.22, F1.23****Diagram 700-03-00-4**

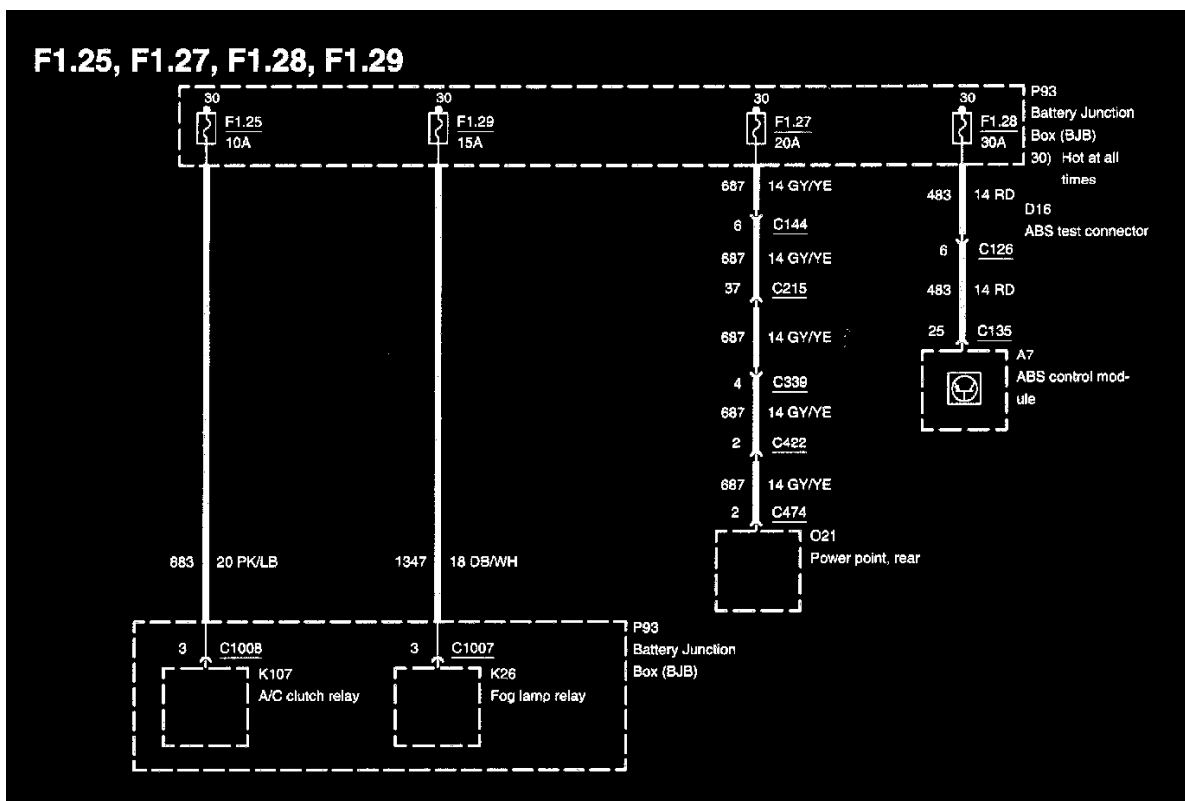


Diagram 700-03-00-5

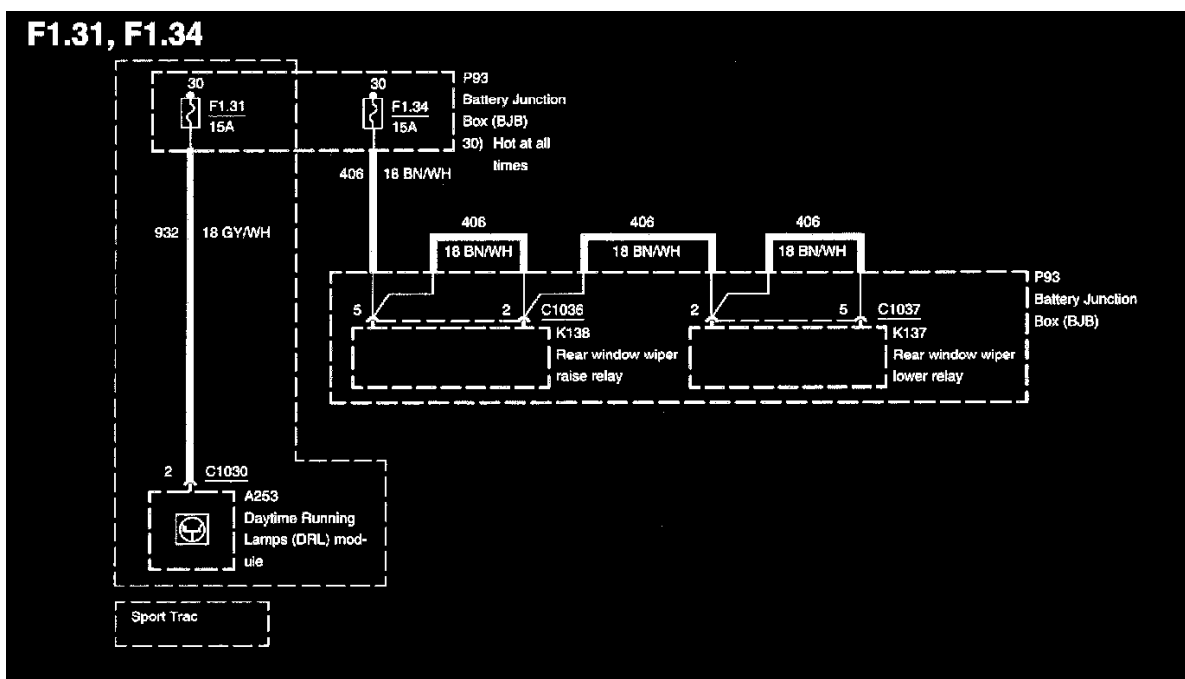


Diagram 700-03-00-6

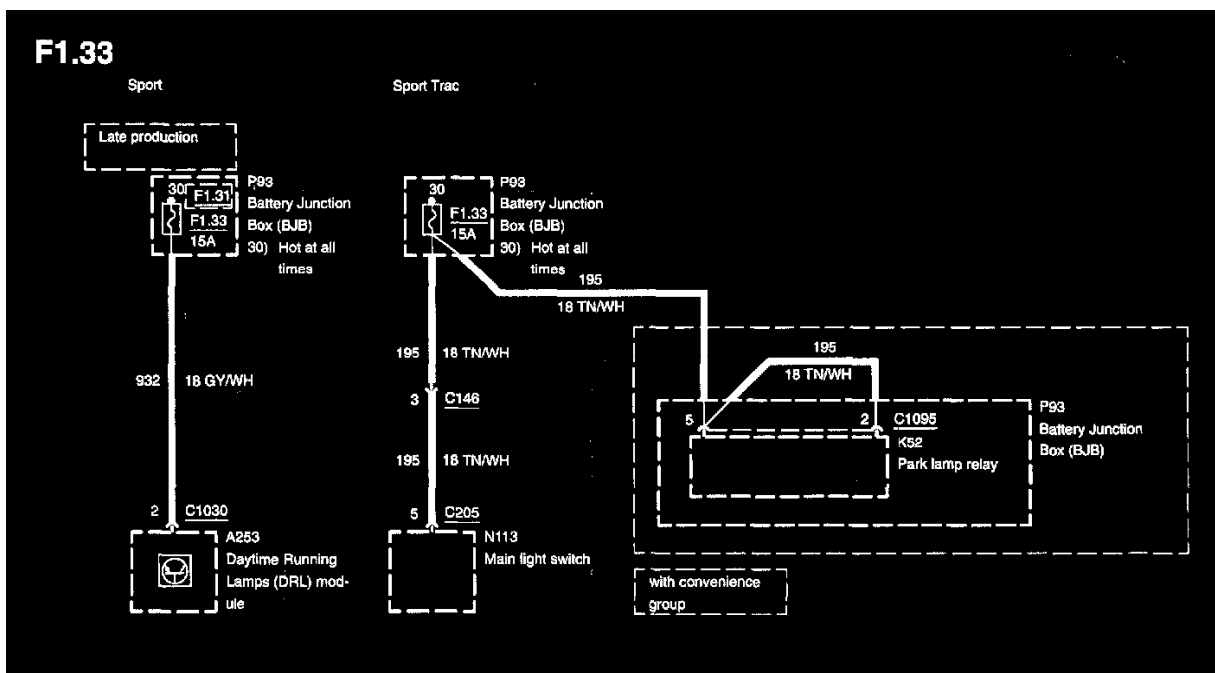
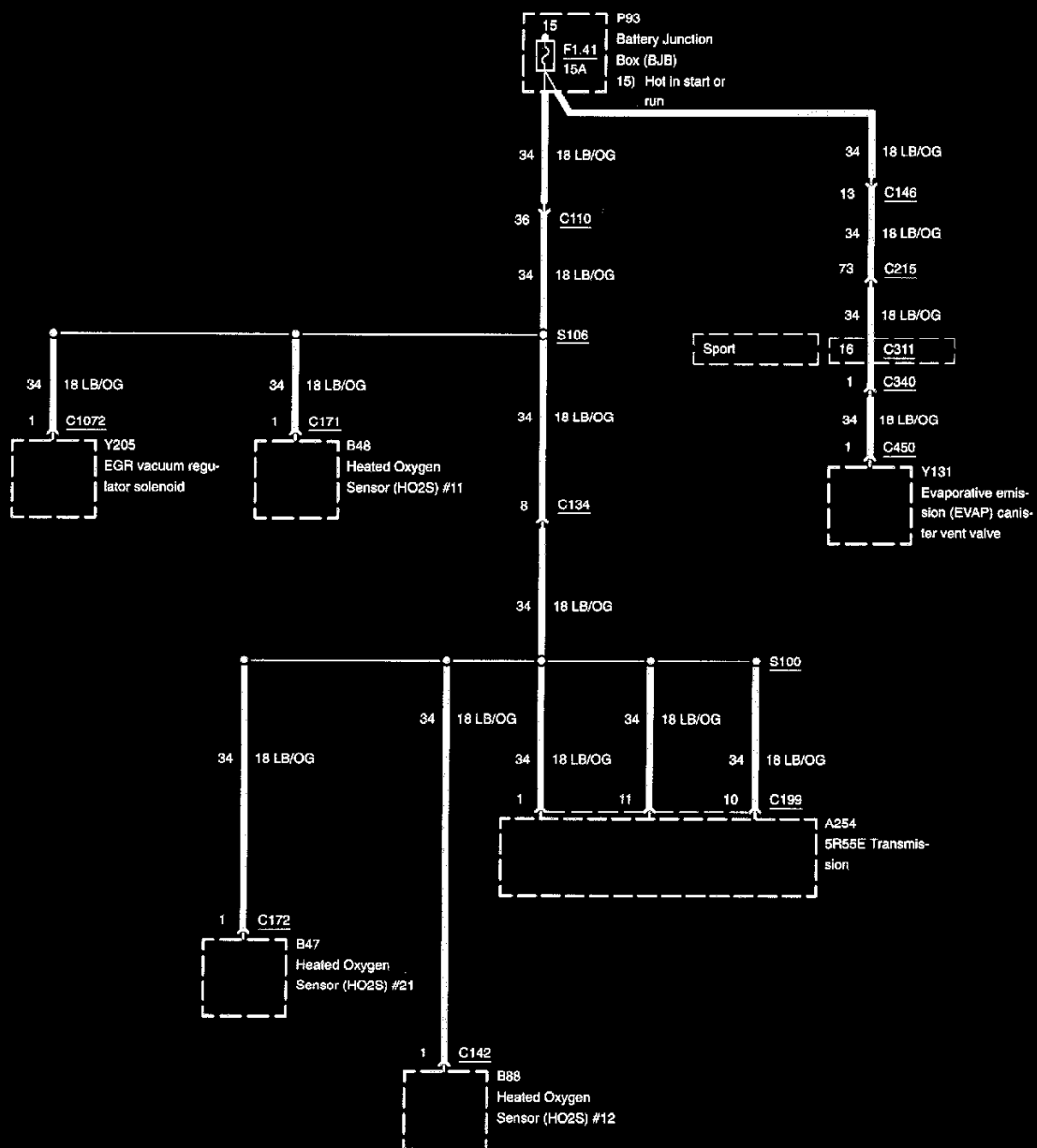


Diagram 700-03-00-7

F1.41, Early production**Diagram 700-03-00-8**

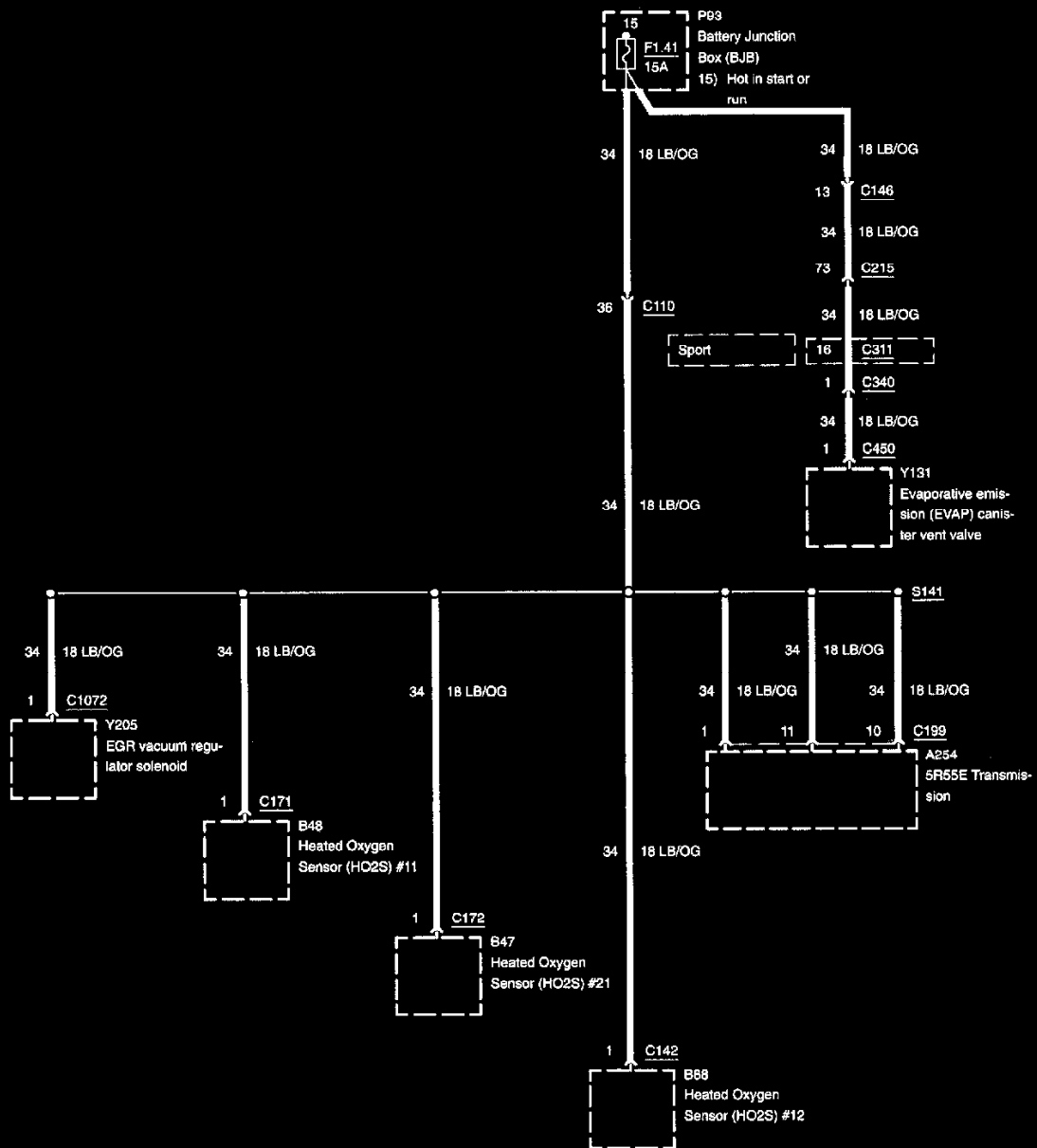
F1.41, Late production

Diagram 700-03-00-9

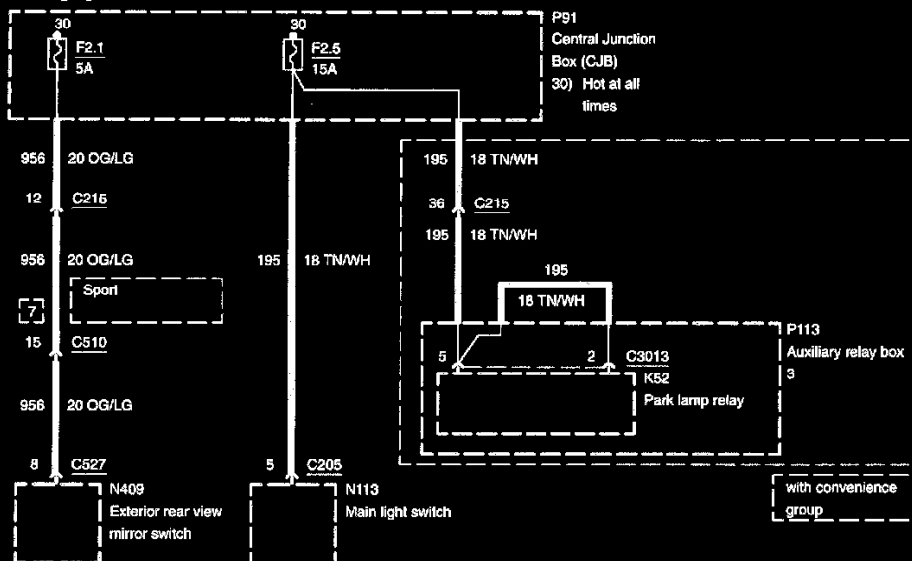
F2.1, F2.5, Early production

Diagram 700-03-00-10

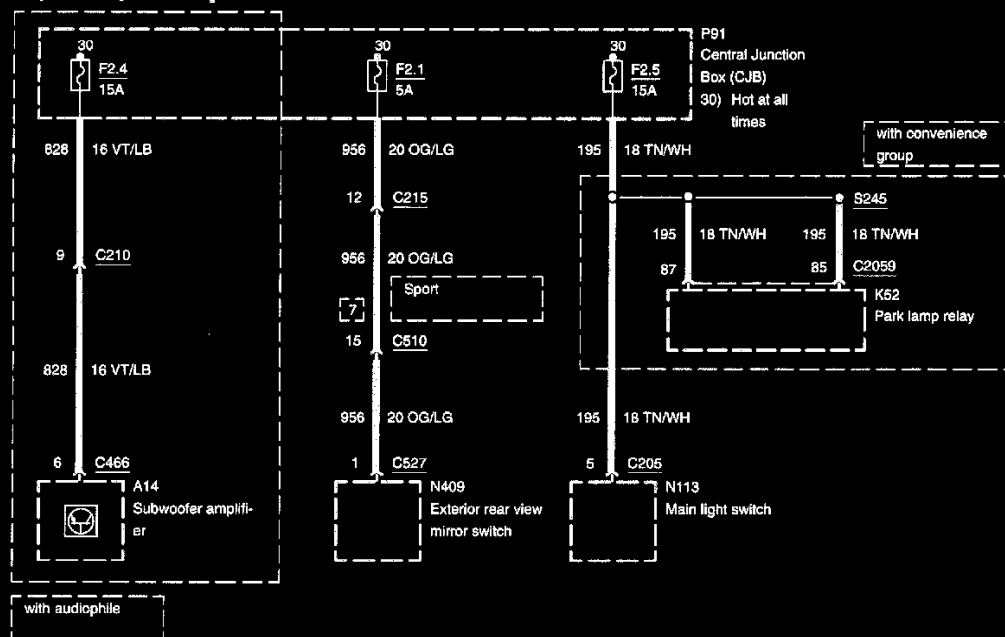
F2.1, F2.4, F2.5, Late production

Diagram 700-03-00-11

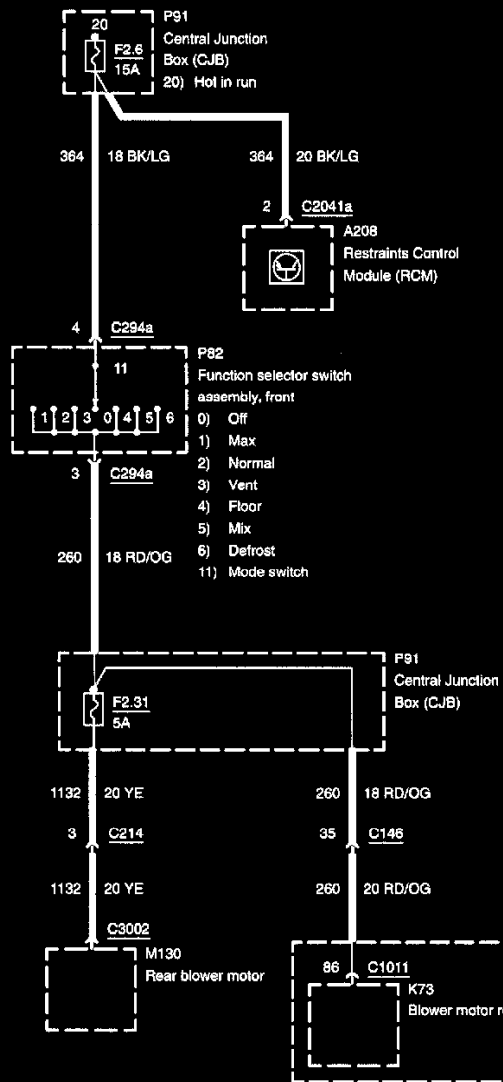
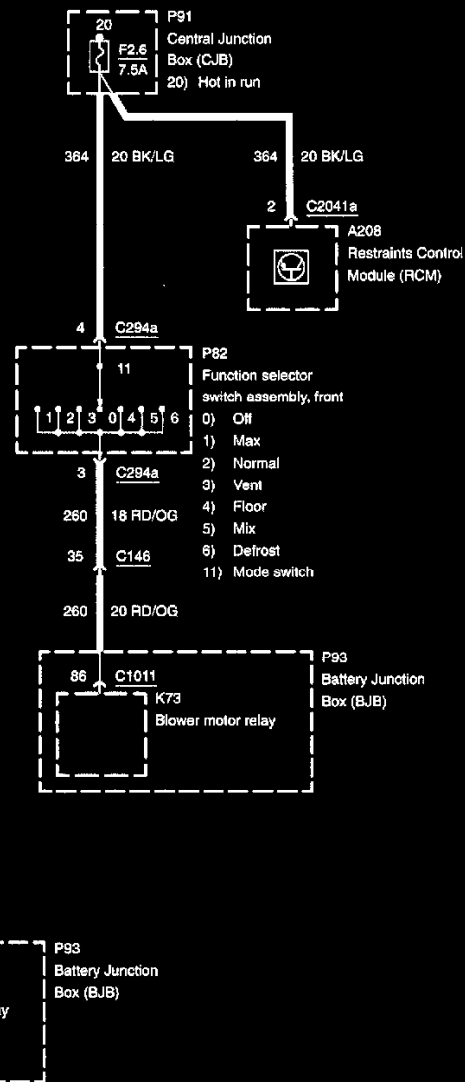
F2.6, F2.31With high series
center consoleWithout high series
center console

Diagram 700-03-00-12

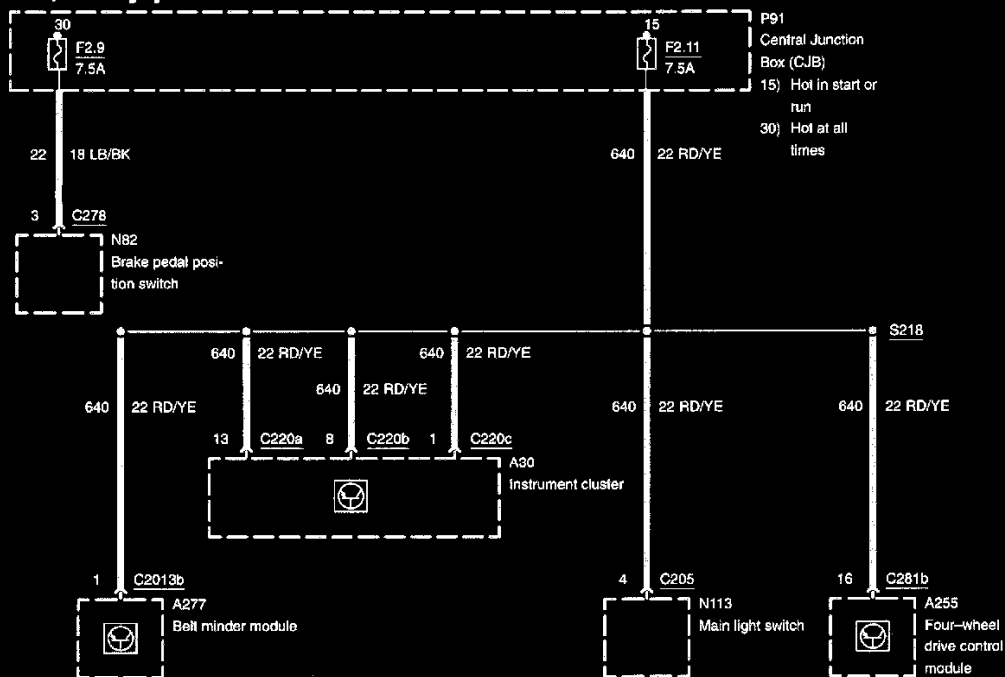
F2.9, F2.11, Early production

Diagram 700-03-00-13

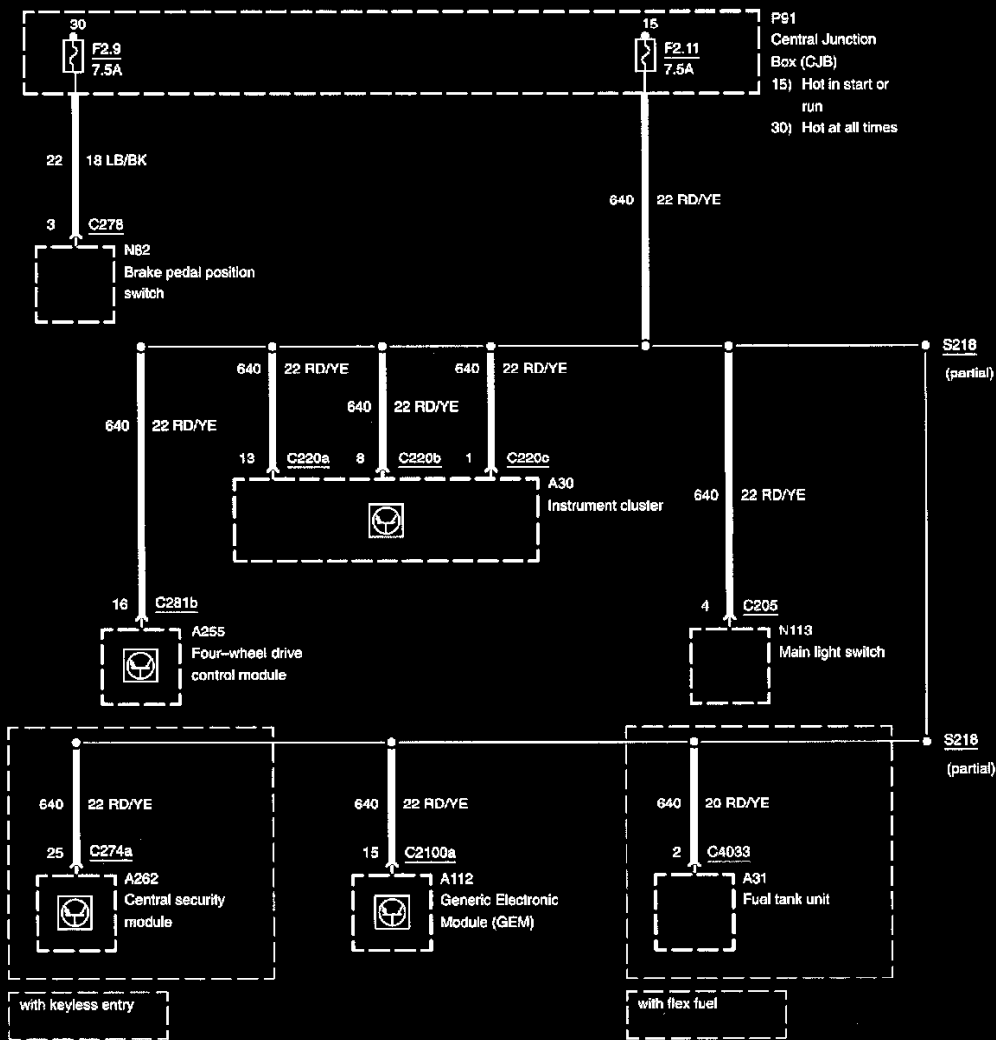
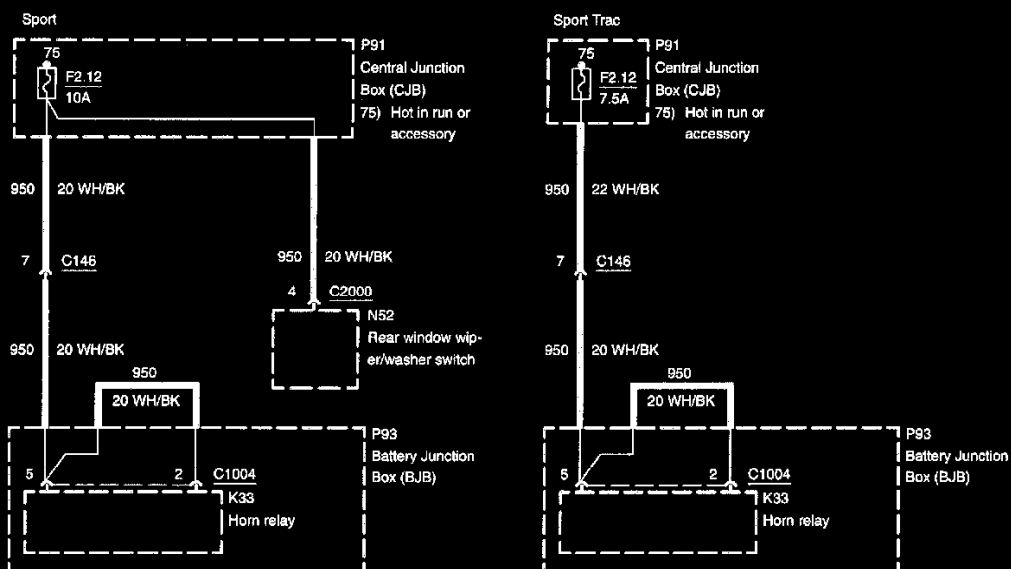
F2.9, F2.11, Late production**Diagram 700-03-00-14****F2.12**

Diagram 700-03-00-15

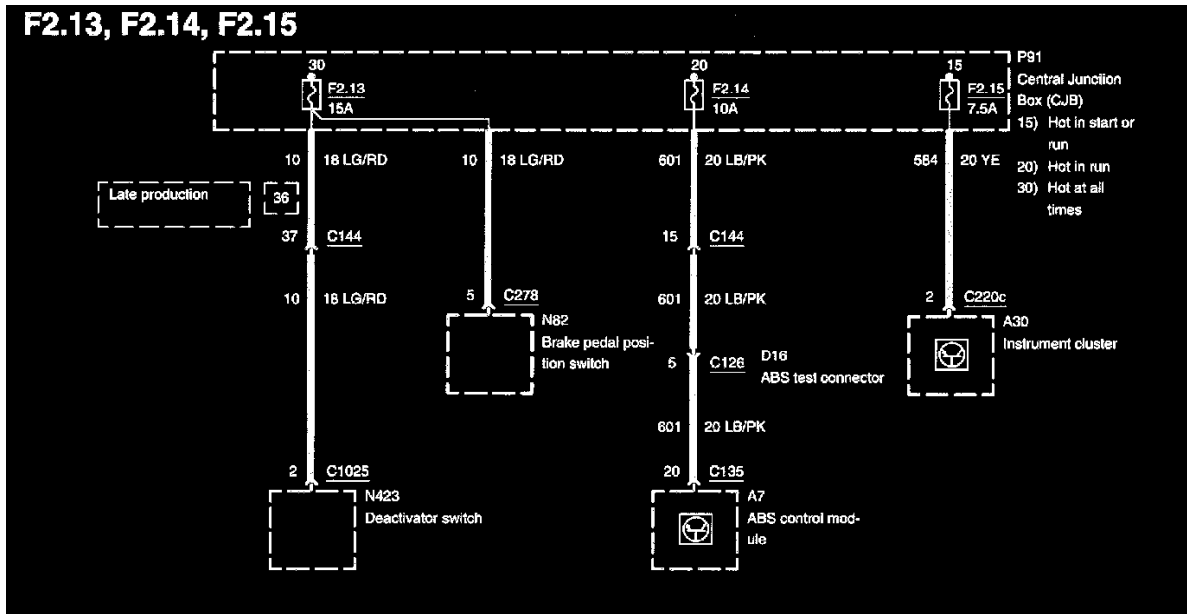


Diagram 700-03-00-16

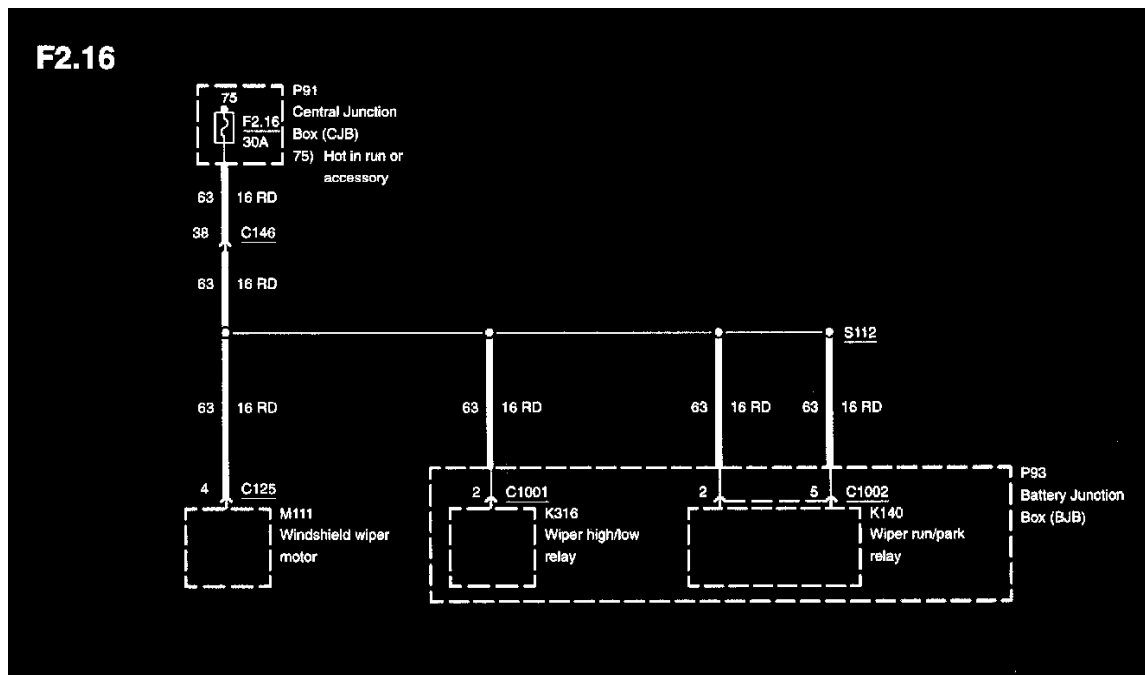


Diagram 700-03-00-17

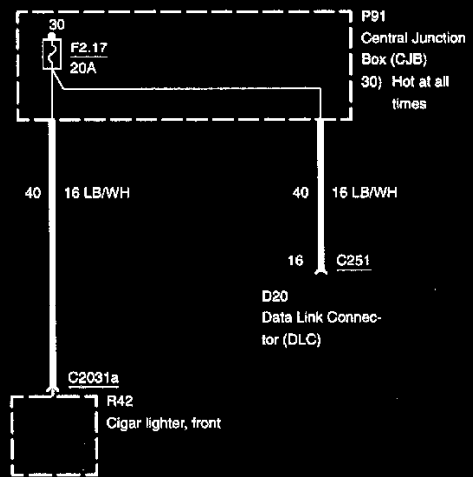
F2.17

Diagram 700-03-00-18

Without keyless entry

P91 Central Junction Box (CJB)
30) Hot at all times

171 14 BK/WH
40 C215
171 14 BK/WH

171 14 BK/WH
171 14 BK/WH
40 C215
171 16 BK/WH

12 C309b
A258 Remote Anti-theft Personality (RAP) module

171 14 BK/WH
3 C237
171 14 BK/WH
4 C805

N205 Door lock switch, passenger side

With keyless entry

P91 Central Junction Box (CJB)
30) Hot at all times

171 14 BK/WH

171 14 BK/WH
171 14 BK/WH
171 14 BK/WH
171 14 BK/WH
171 14 BK/WH

87 85 C2061 K129 Door unlock relay
87 85 C2062 K130 Door lock relay

171 14 BK/WH
85 87 C2063 K131 Driver door unlock relay

P112 Auxiliary relay box 2

S236
S322
42 C510
171 14 BK/WH
4 C505

N204 Door lock switch, driver side

Diagram 700-03-00-20

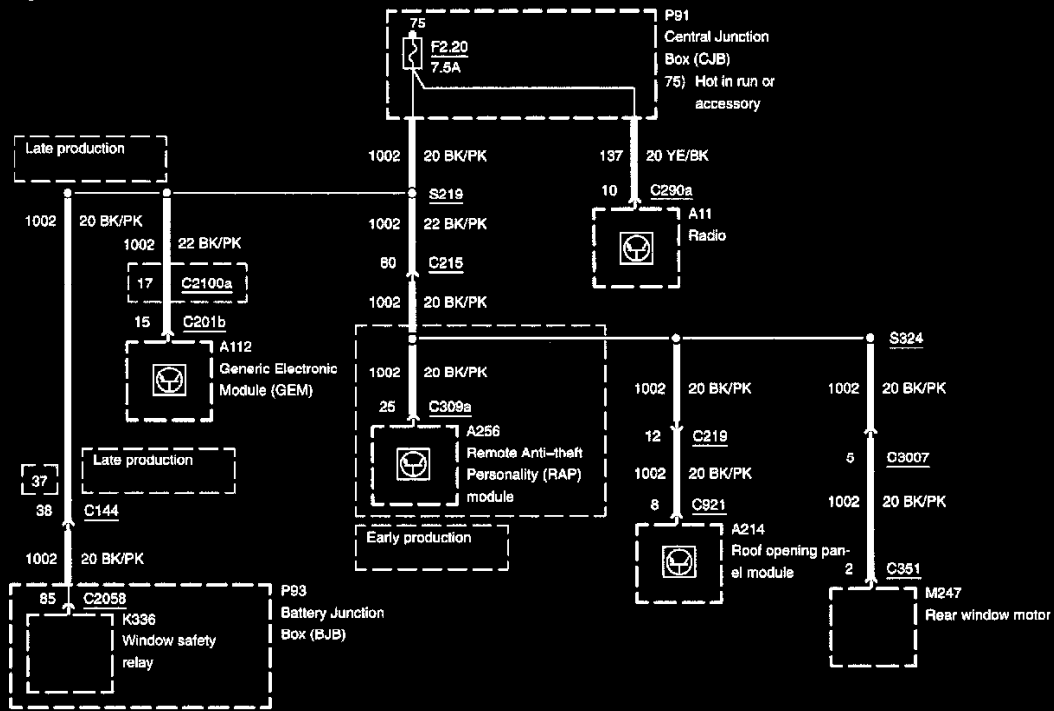
F2.20, Sport Trac

Diagram 700-03-00-23

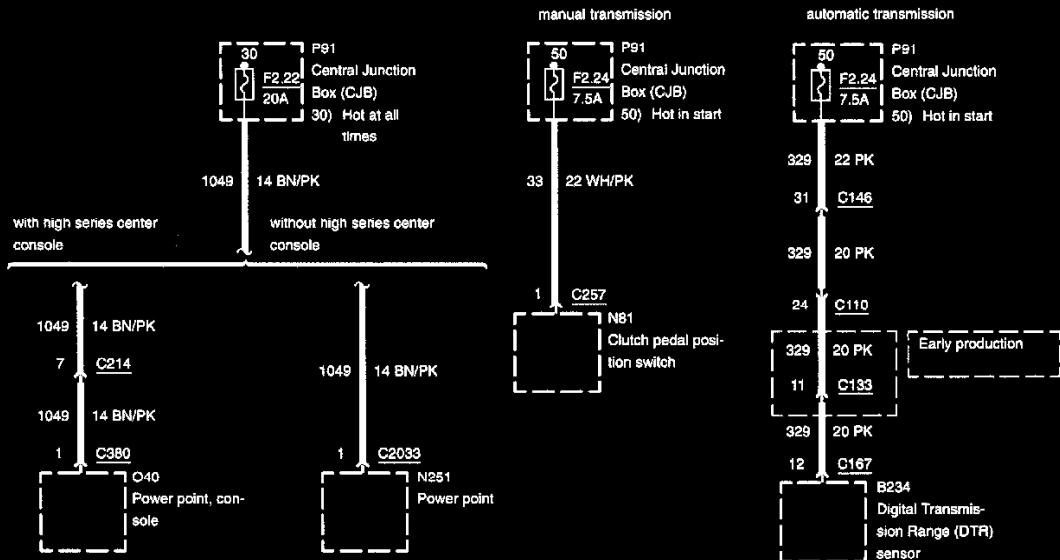
F2.22, F2.24

Diagram 700-03-00-24

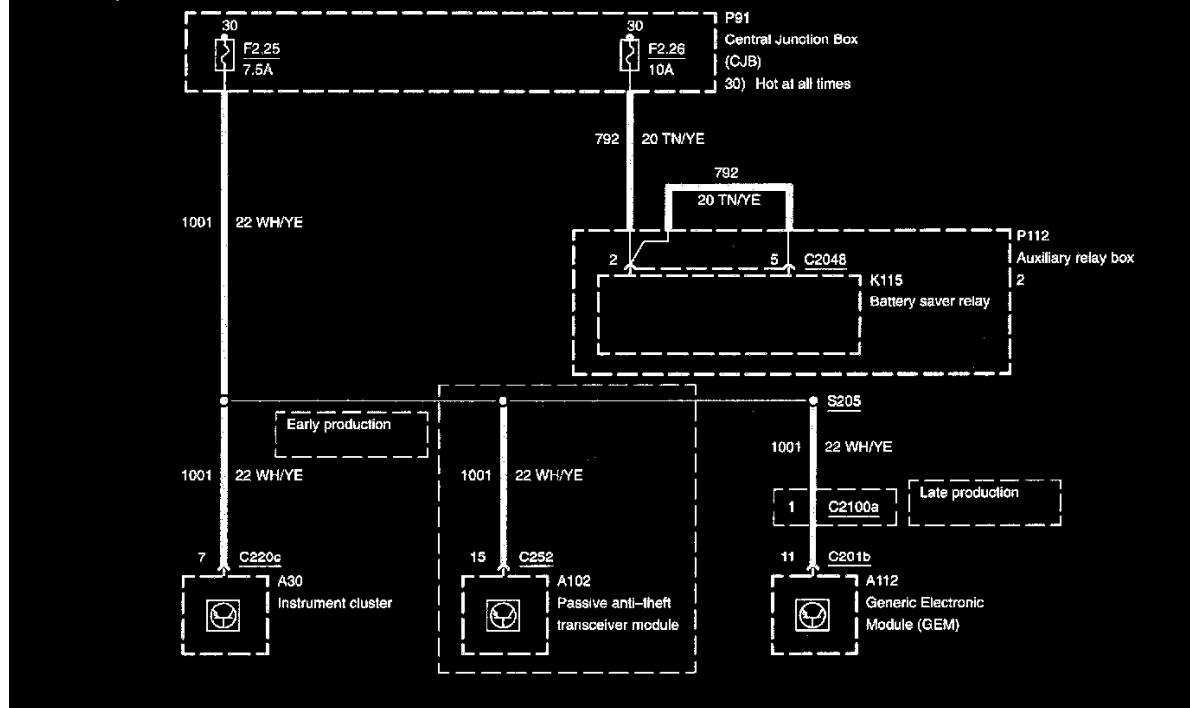
F2.25, F2.26

Diagram 700-03-00-25

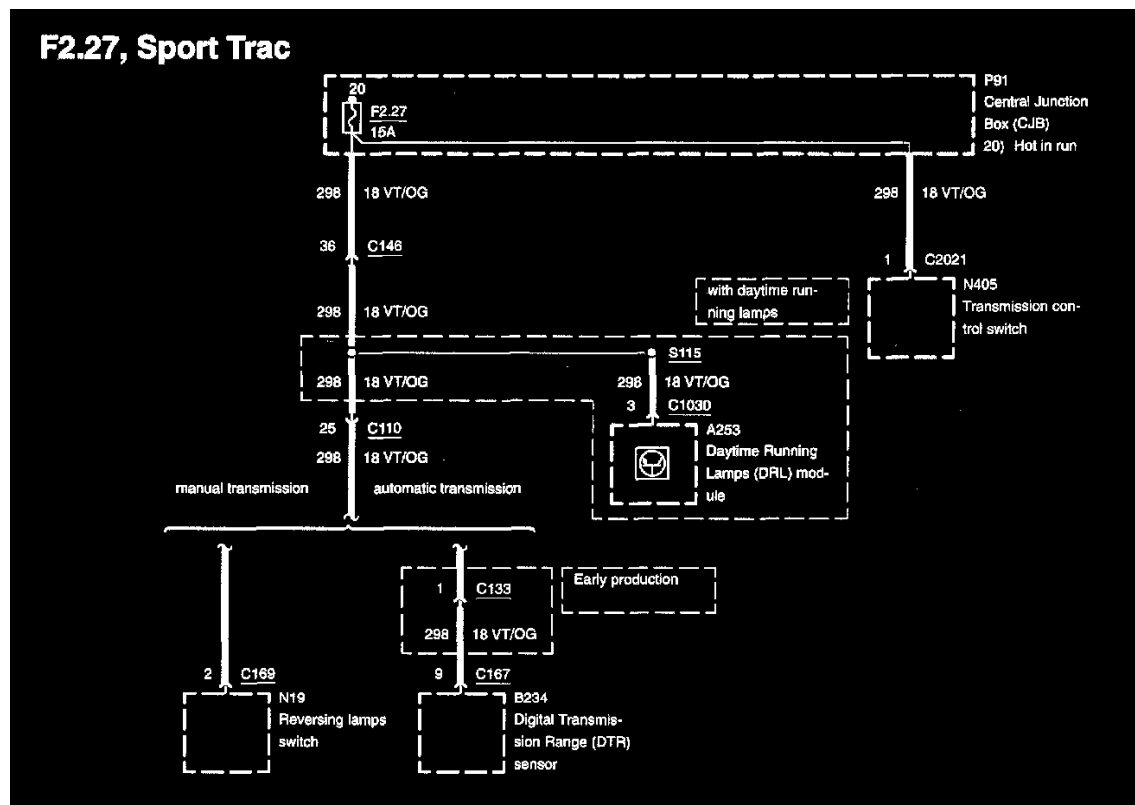
F2.27, Sport Trac

Diagram 700-03-00-27

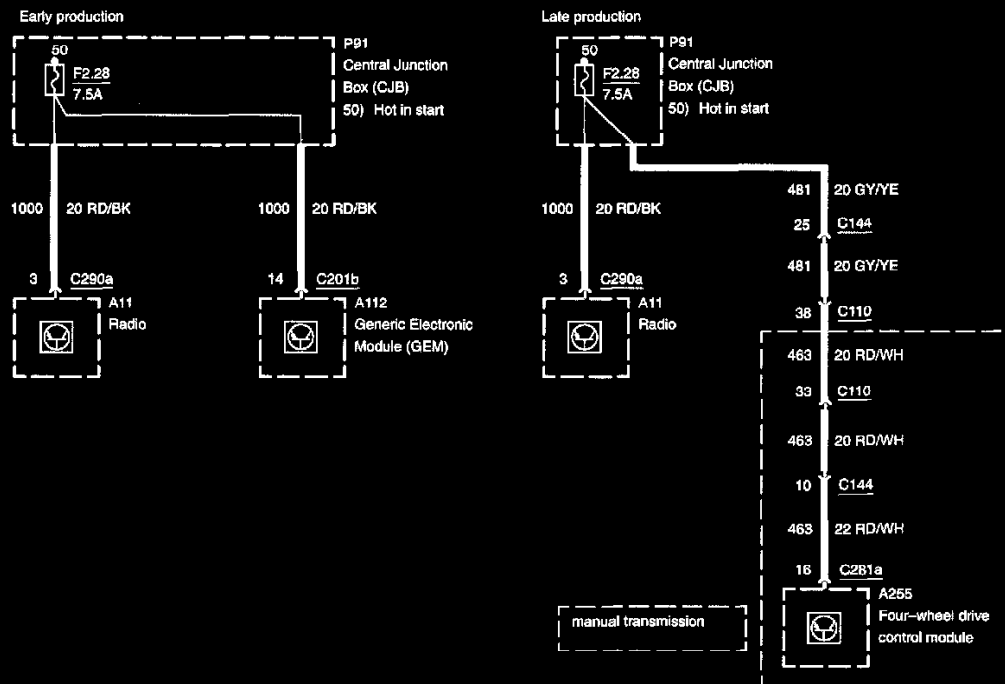
F2.28

Diagram 700-03-00-28

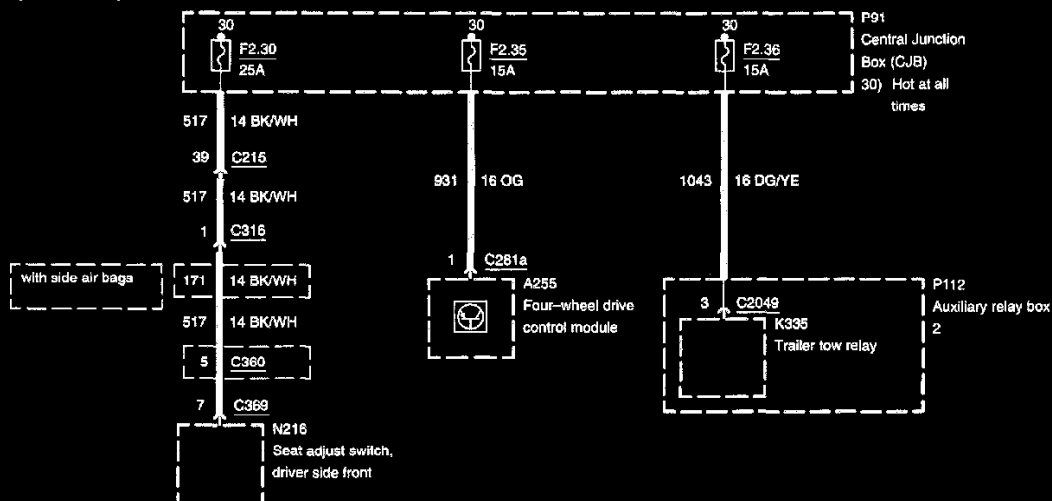
F2.30, F2.35, F2.36

Diagram 700-03-00-29

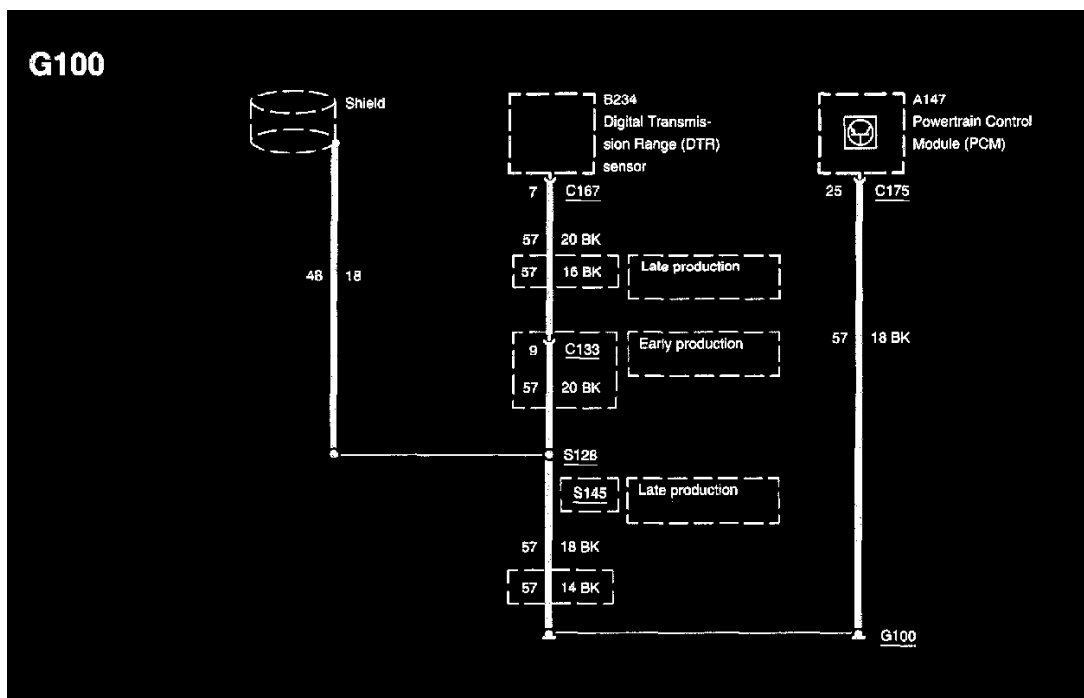


Diagram 700-04-00-1

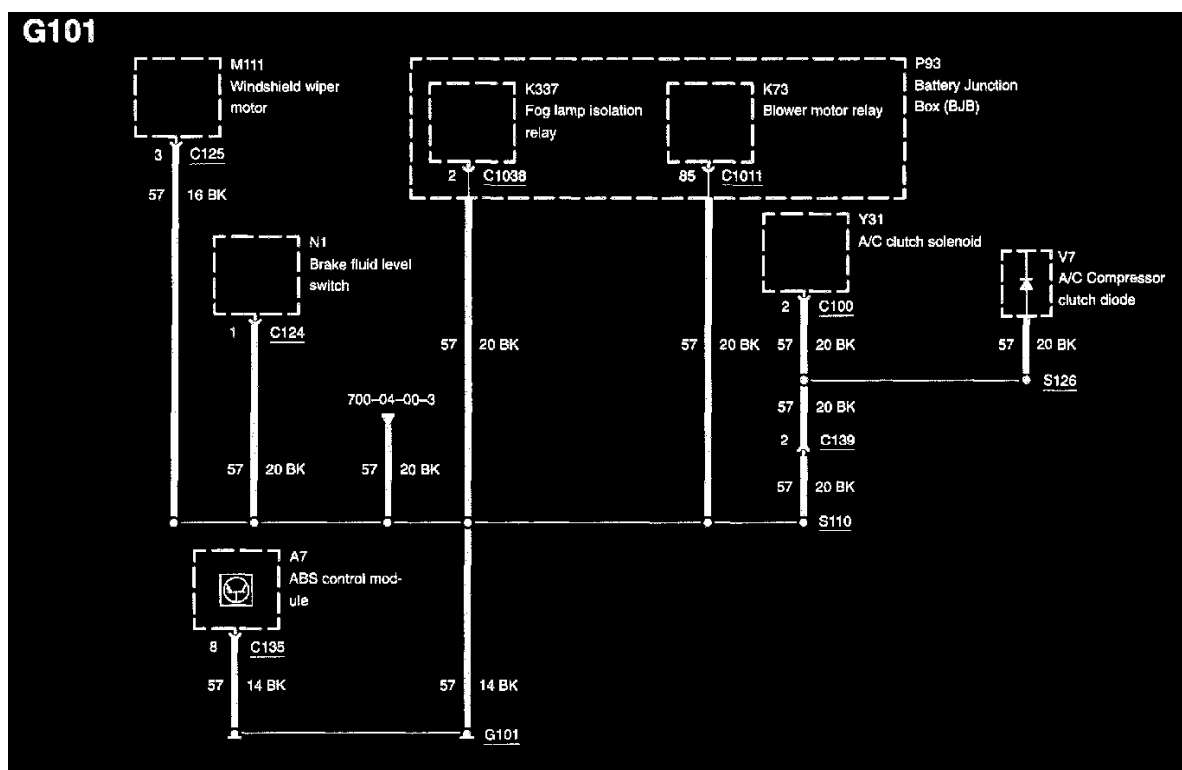


Diagram 700-04-00-2

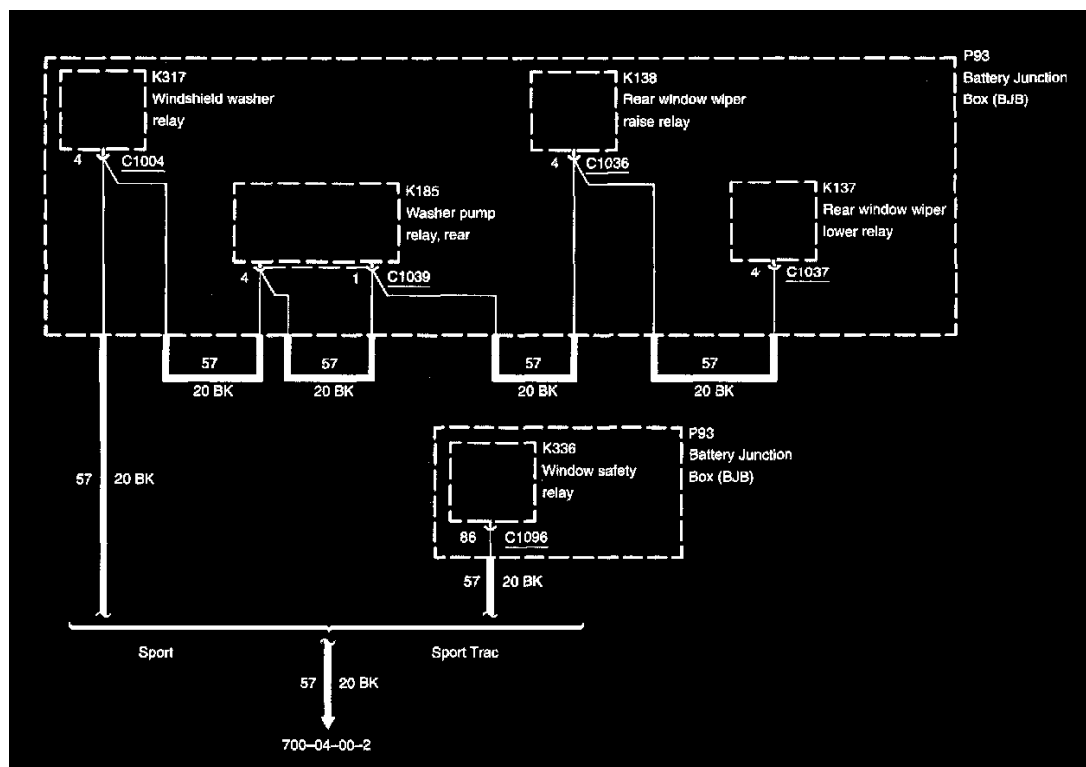


Diagram 700-04-00-3

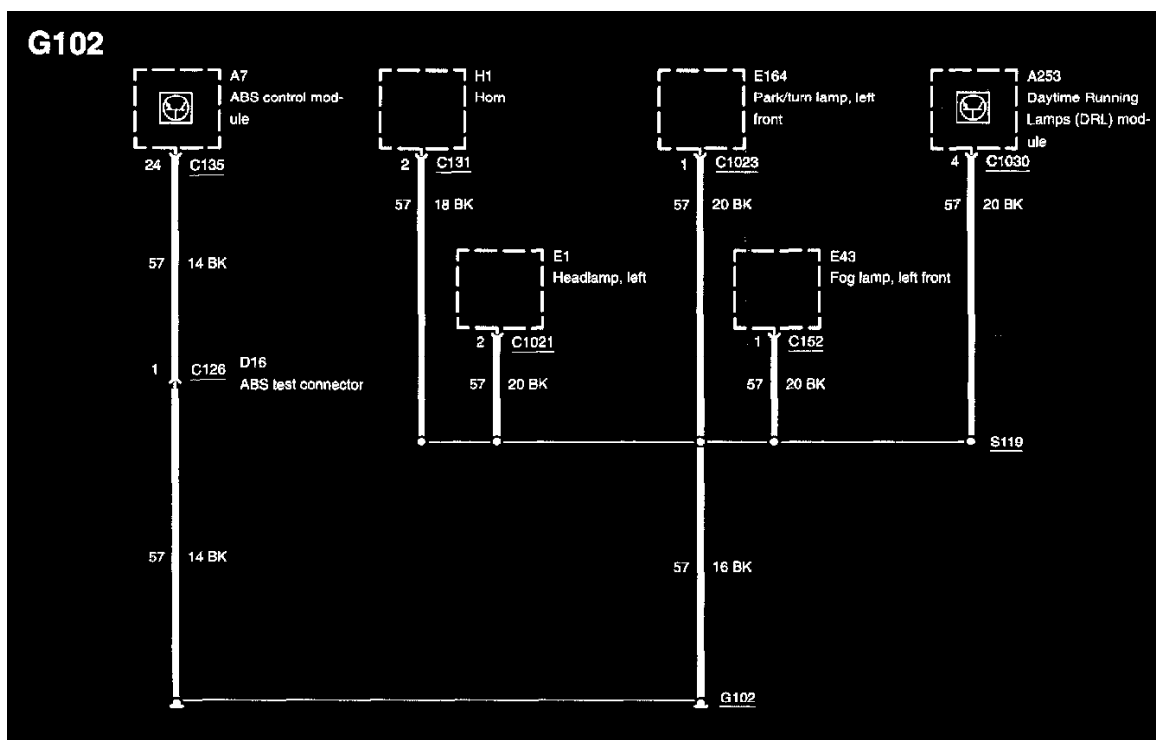


Diagram 700-04-00-4

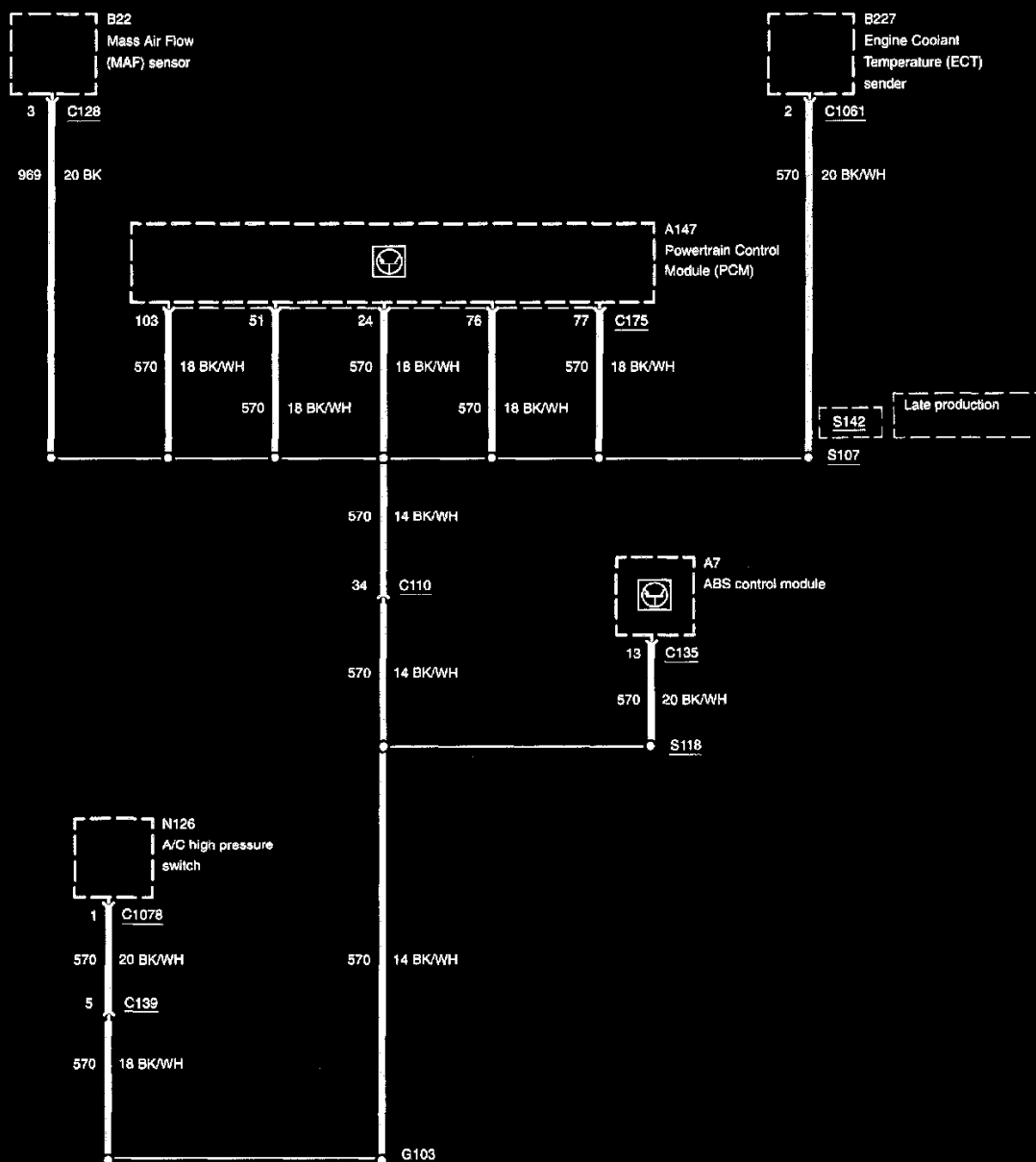
G103

Diagram 700-04-00-5

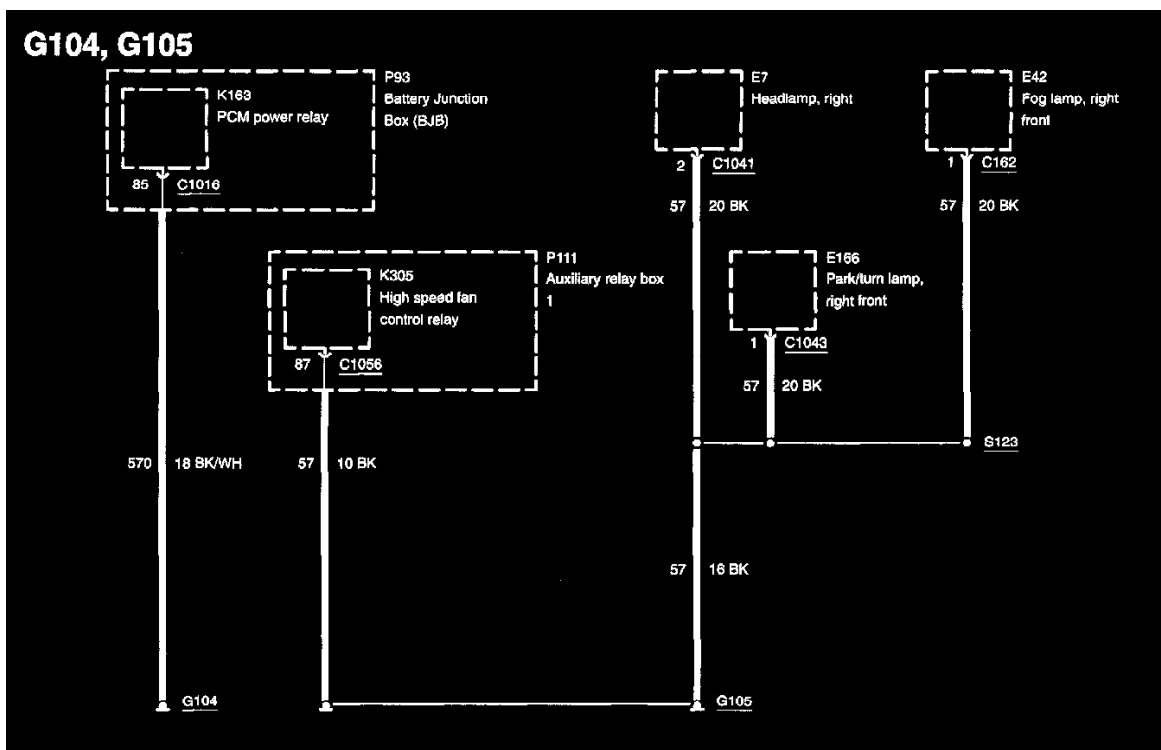


Diagram 700-04-00-6

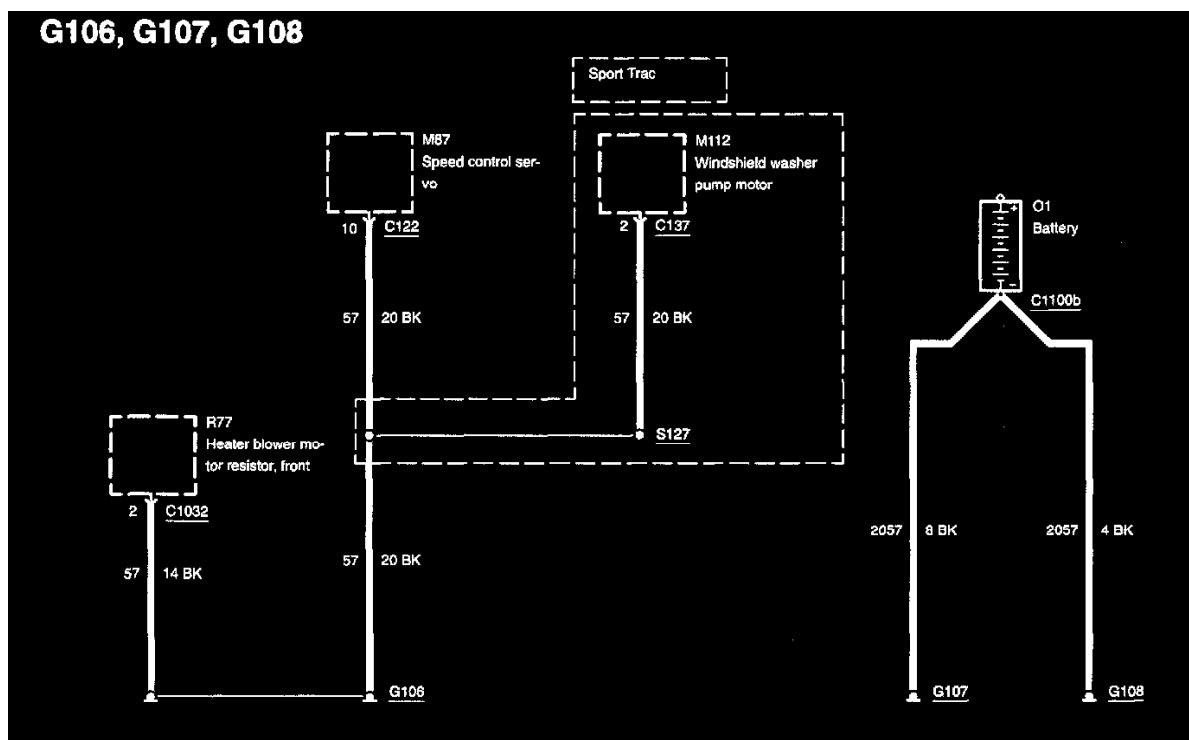


Diagram 700-04-00-7

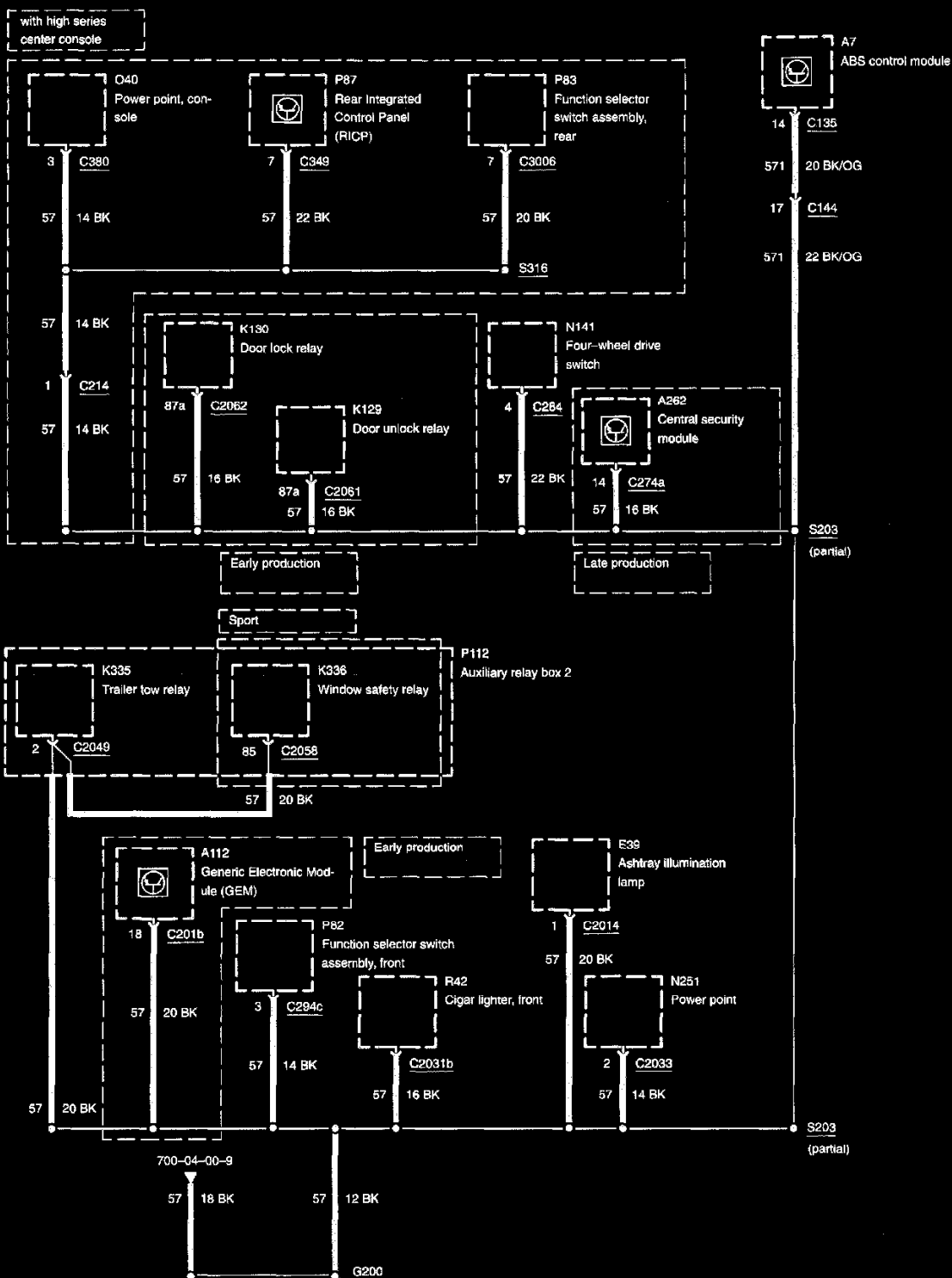
G200

Diagram 700-04-00-8

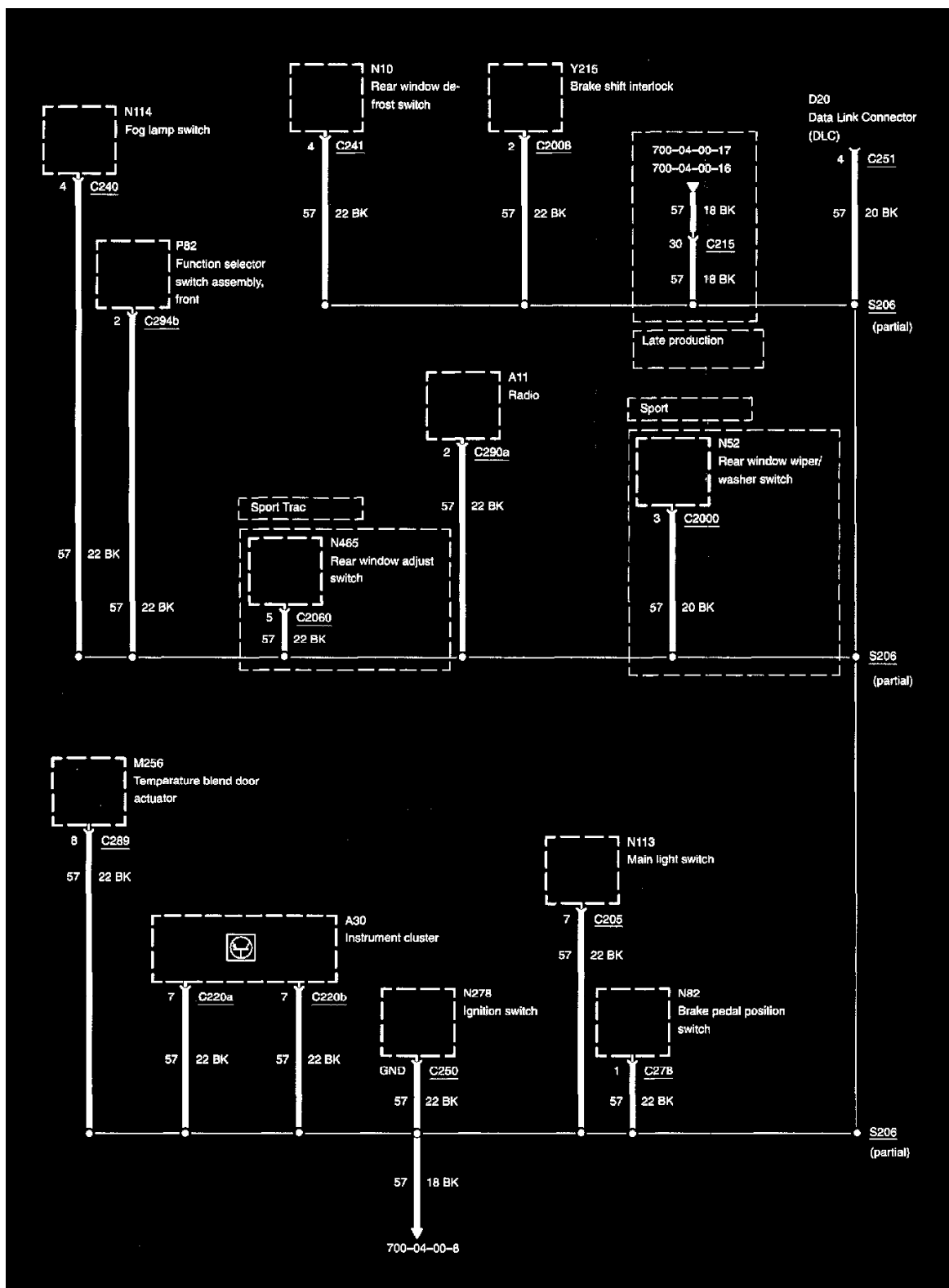


Diagram 700-04-00-9

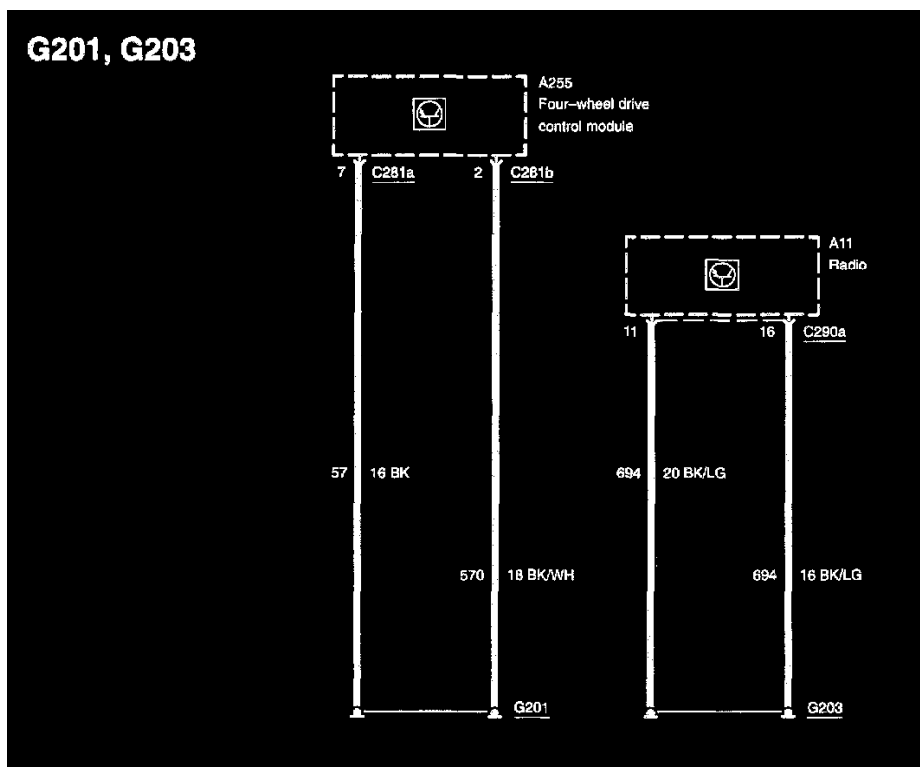


Diagram 700-04-00-10

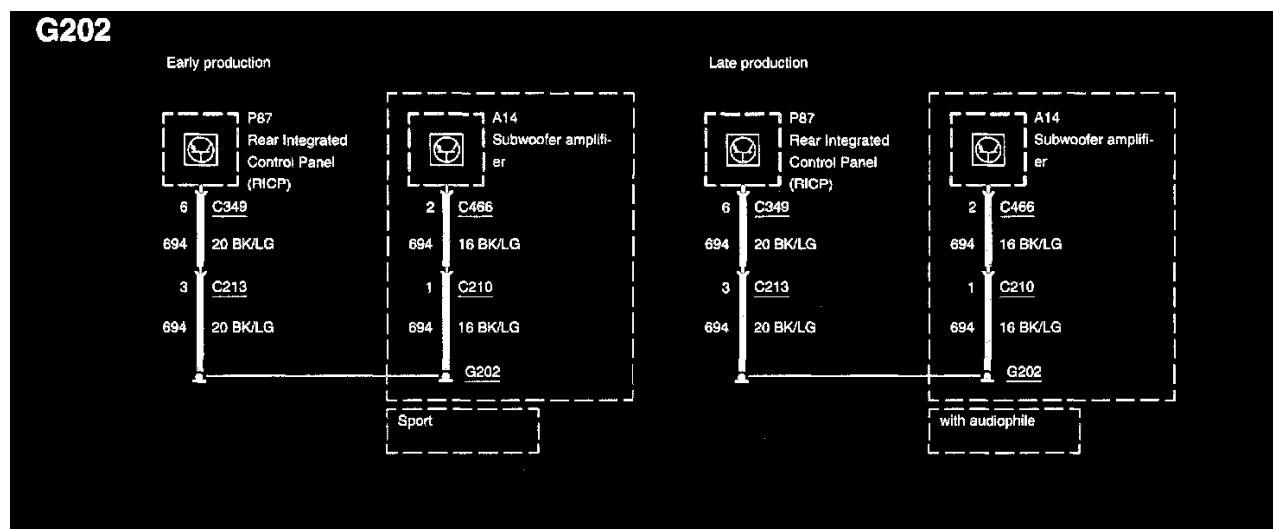


Diagram 700-04-00-11

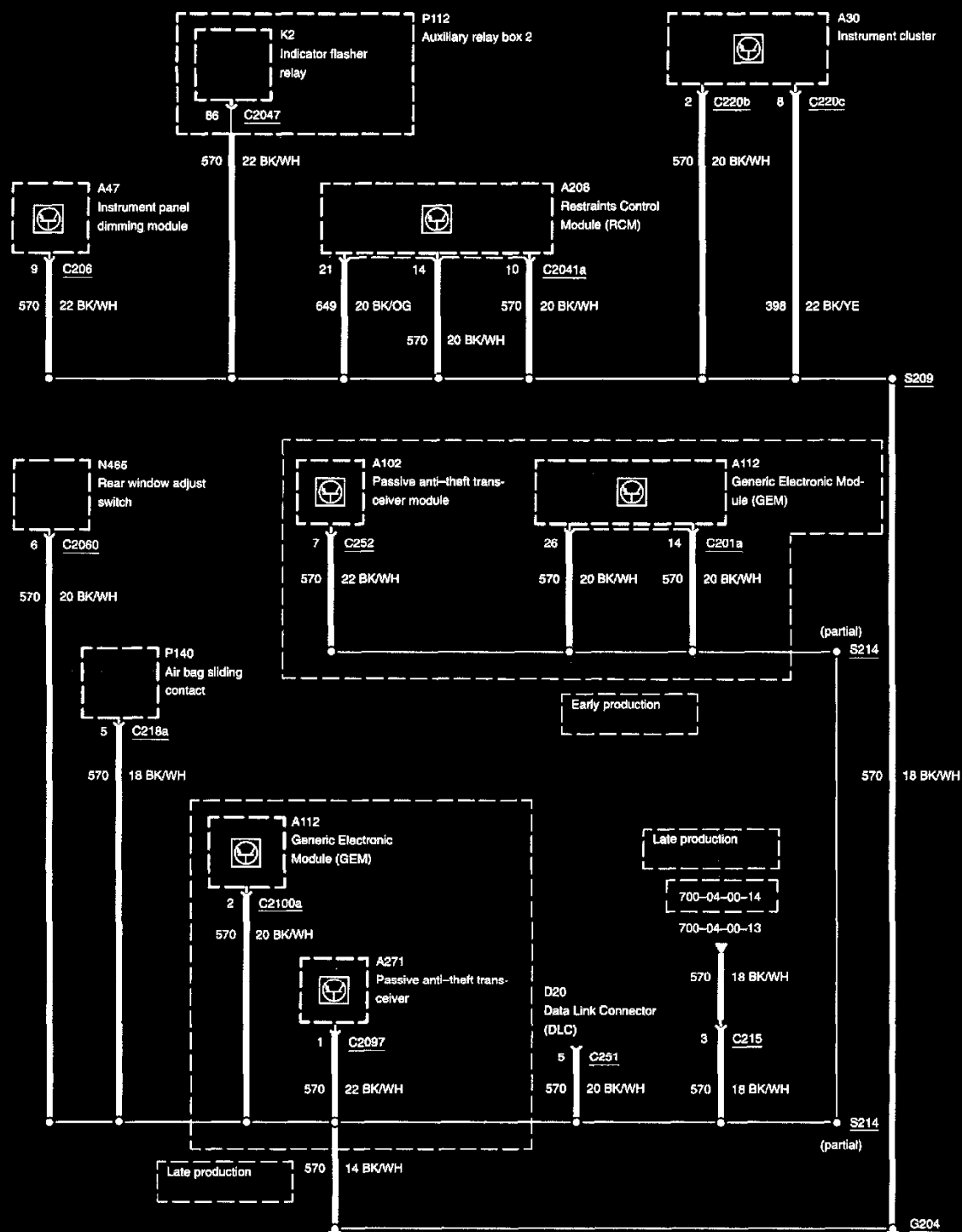
G204

Diagram 700-04-00-12

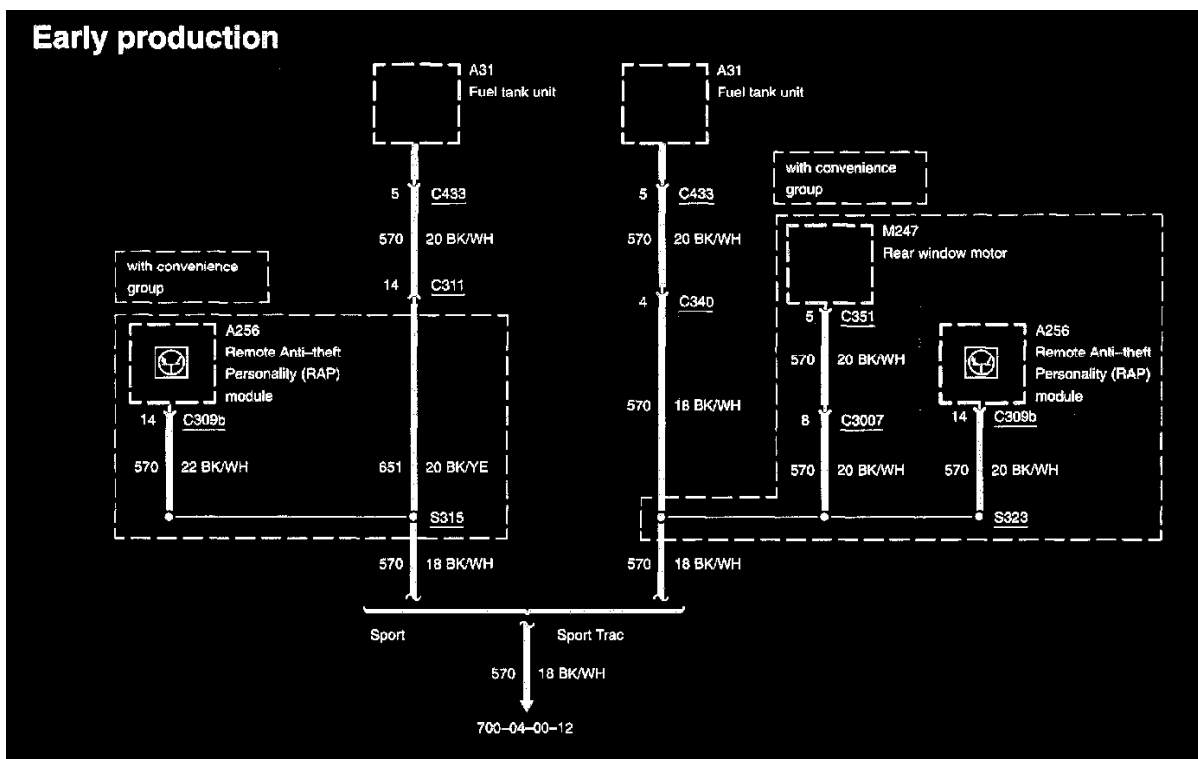


Diagram 700-04-00-13

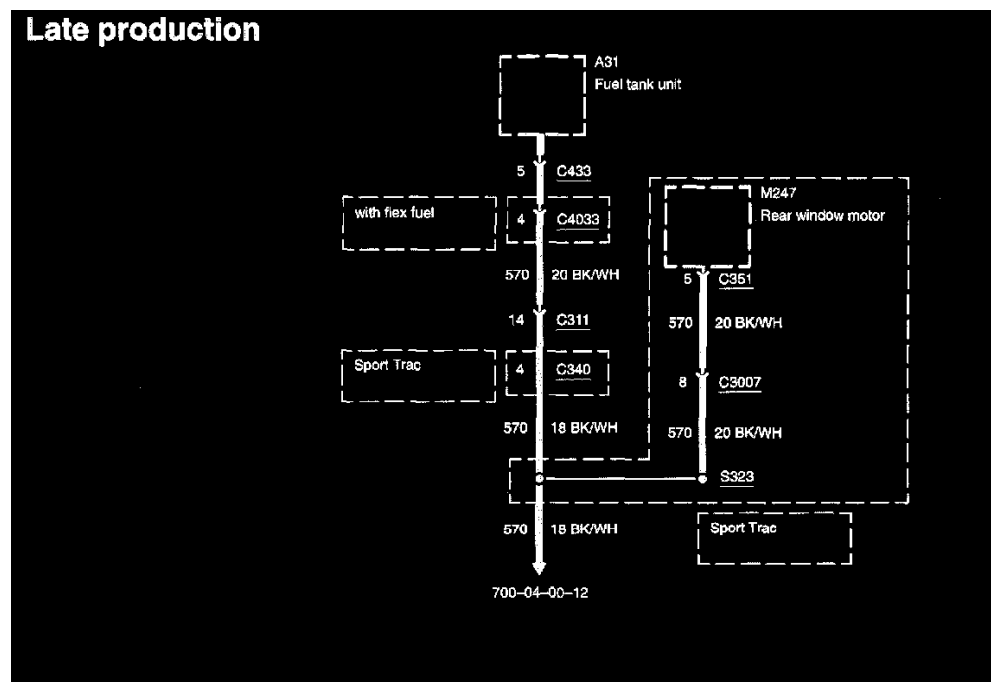


Diagram 700-04-00-14

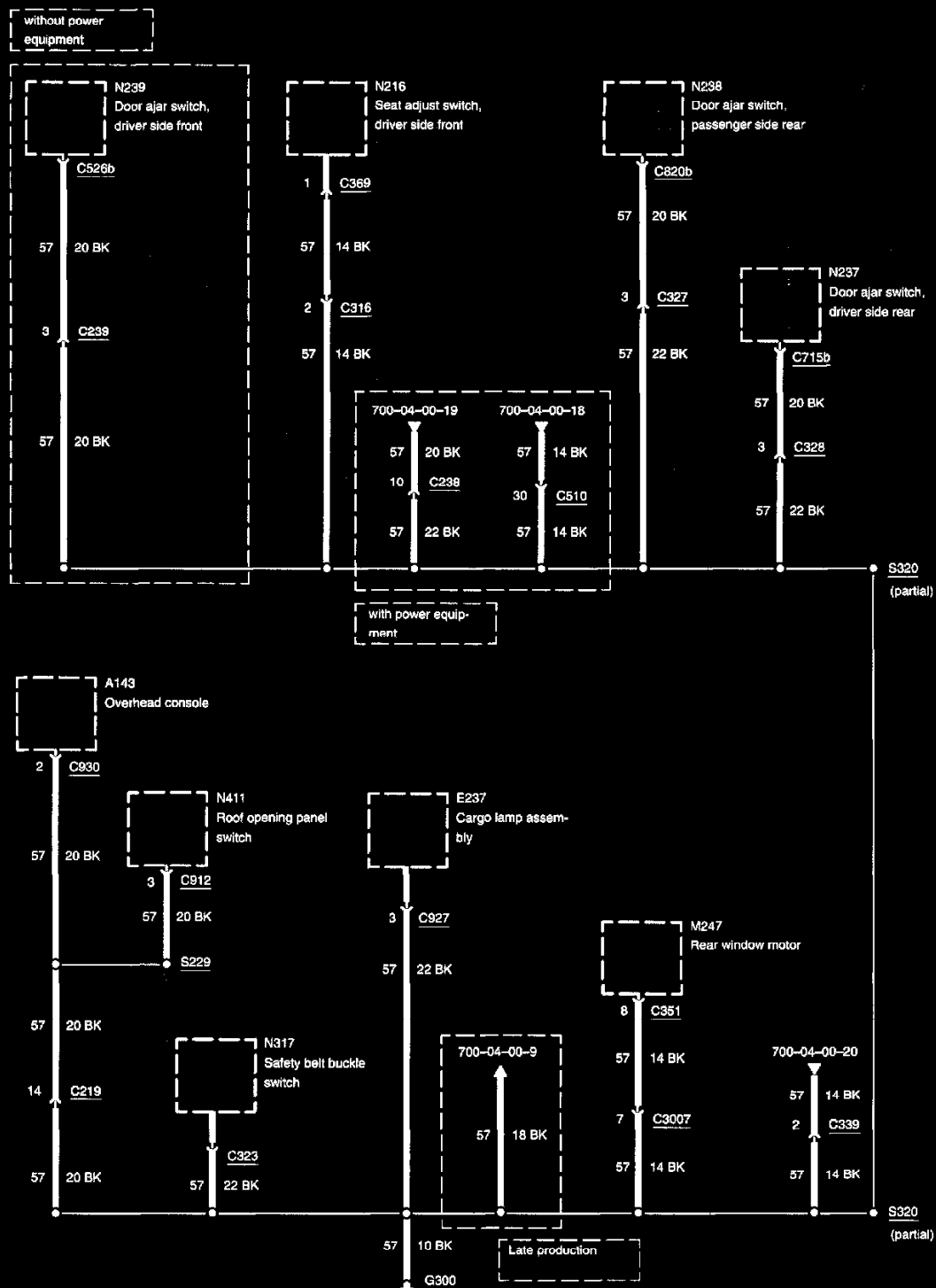
G300, Sport Trac

Diagram 700-04-00-17

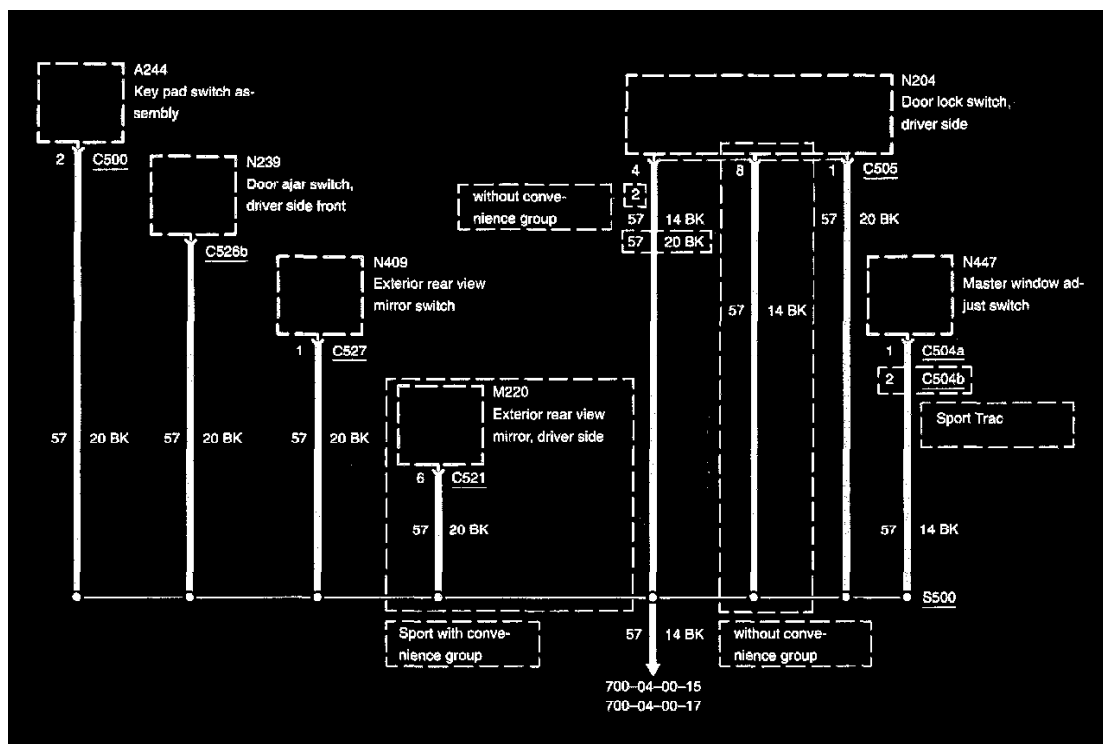


Diagram 700-04-00-18

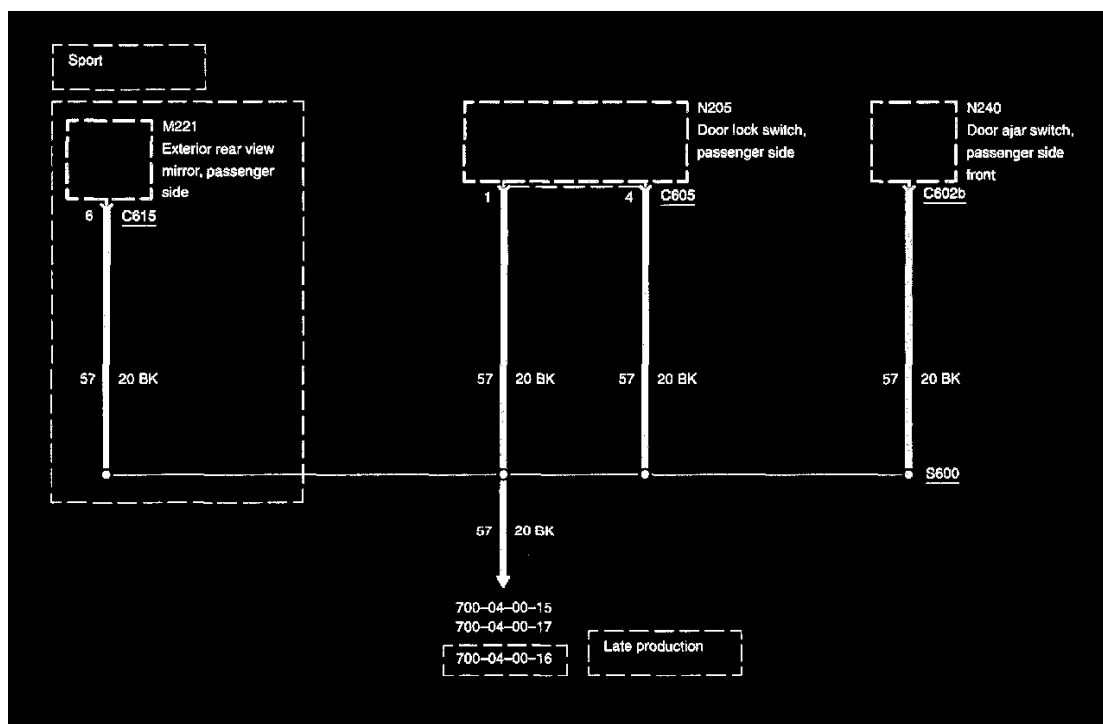


Diagram 700-04-00-19

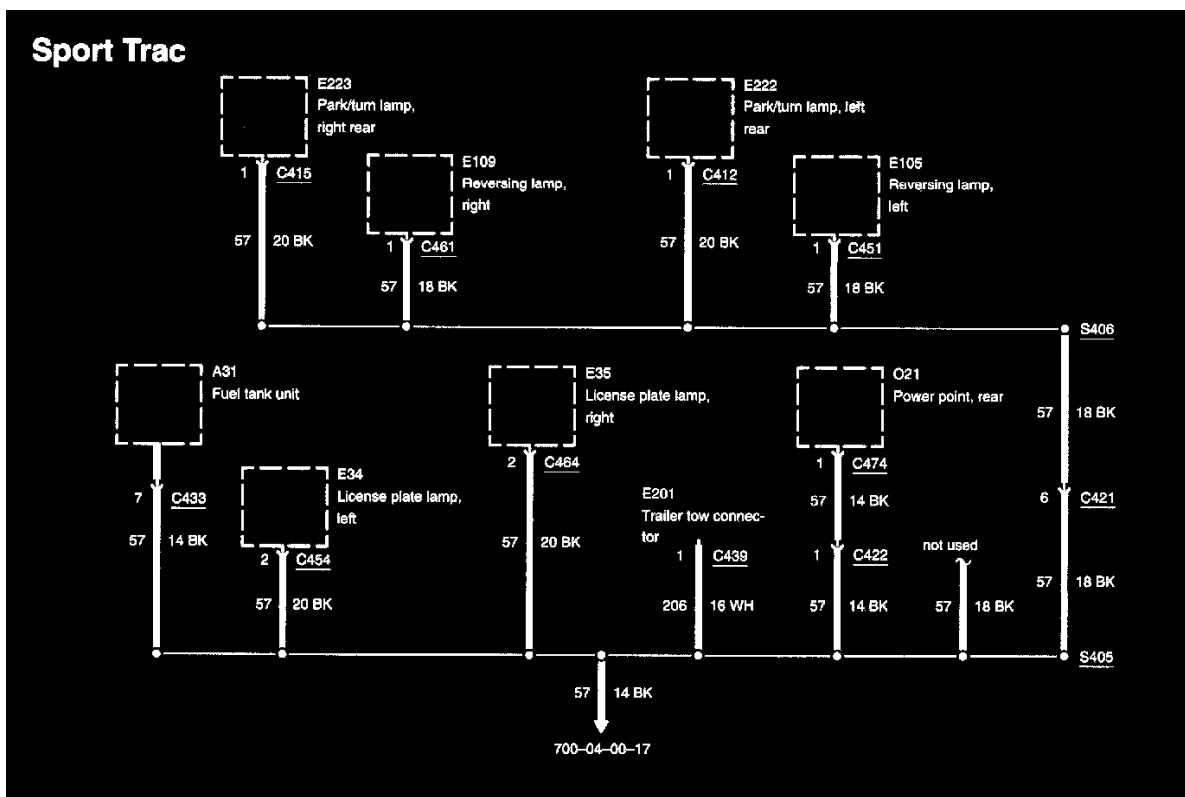


Diagram 700-04-00-20

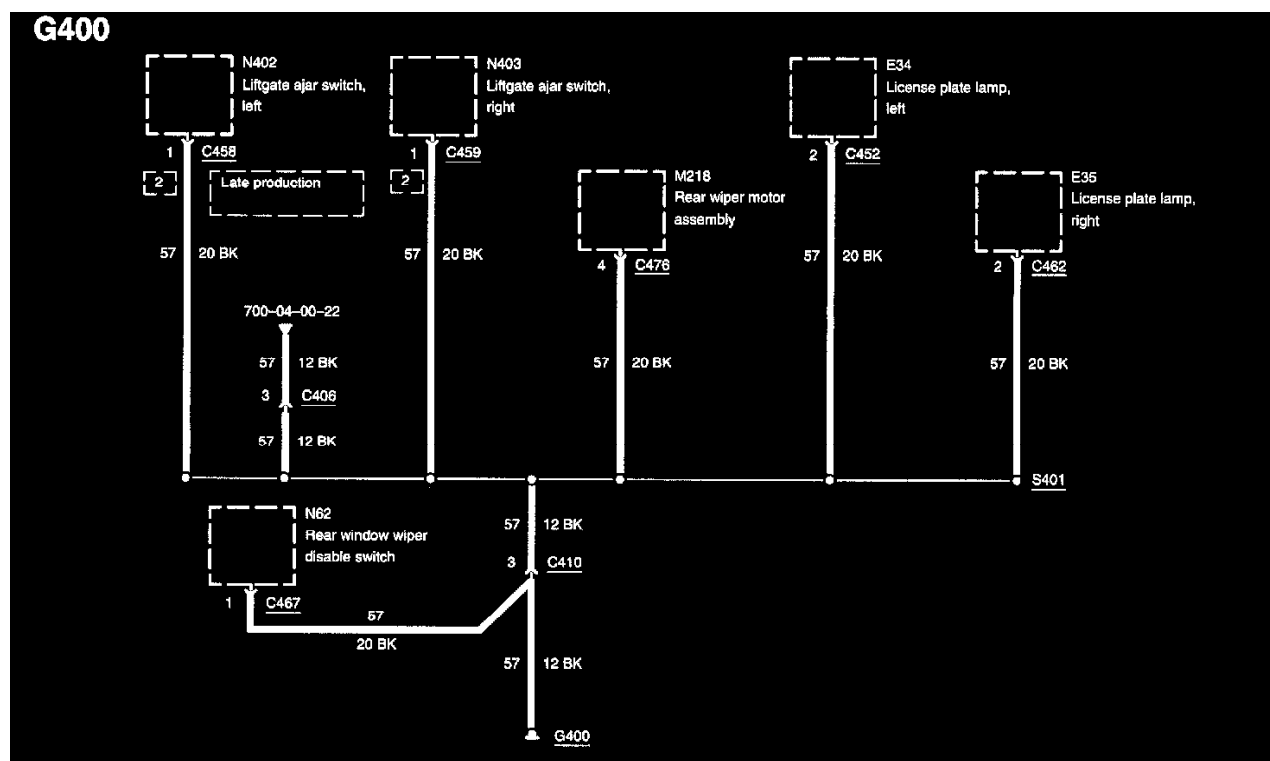


Diagram 700-04-00-21

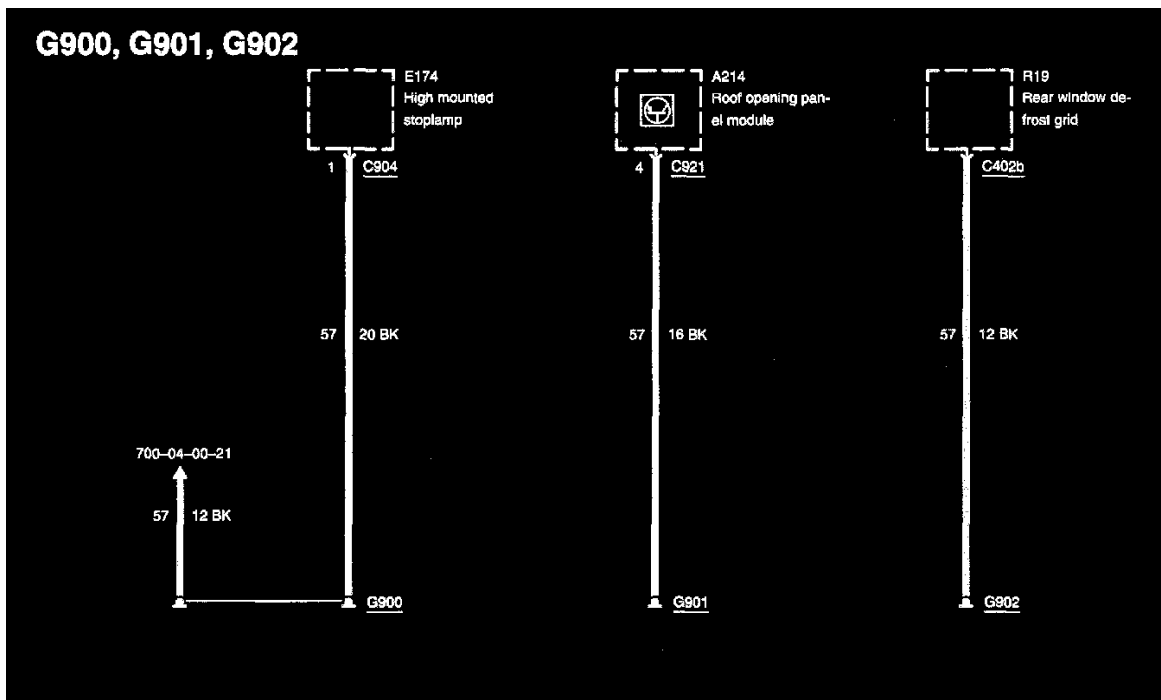


Diagram 700-04-00-22

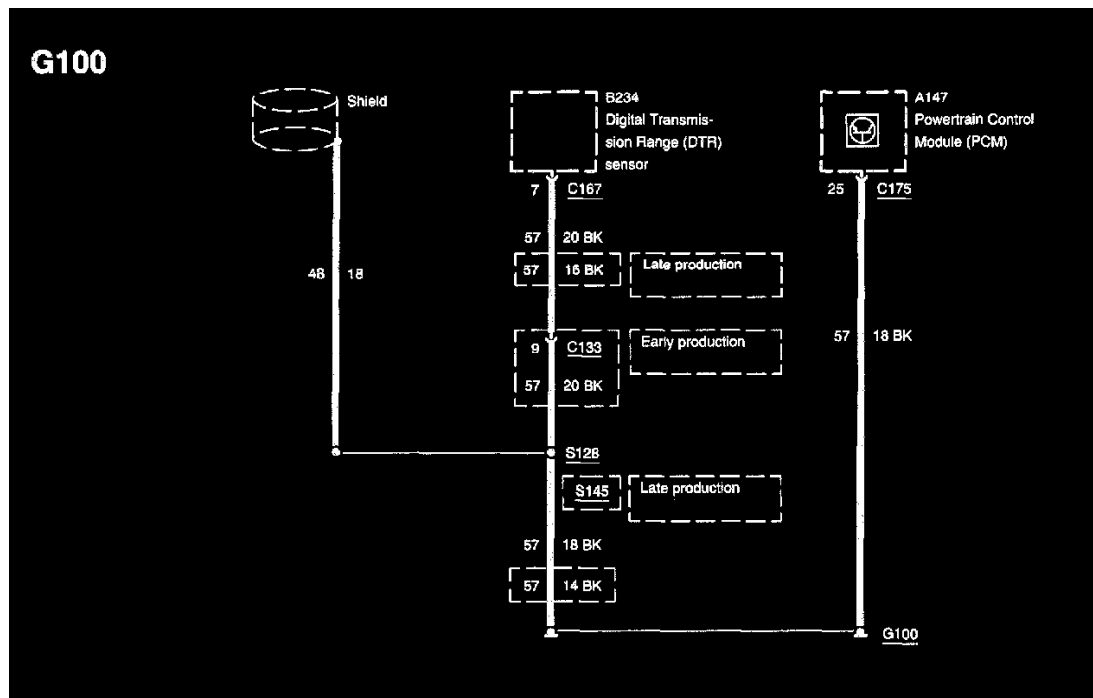


Diagram 700-04-00-1

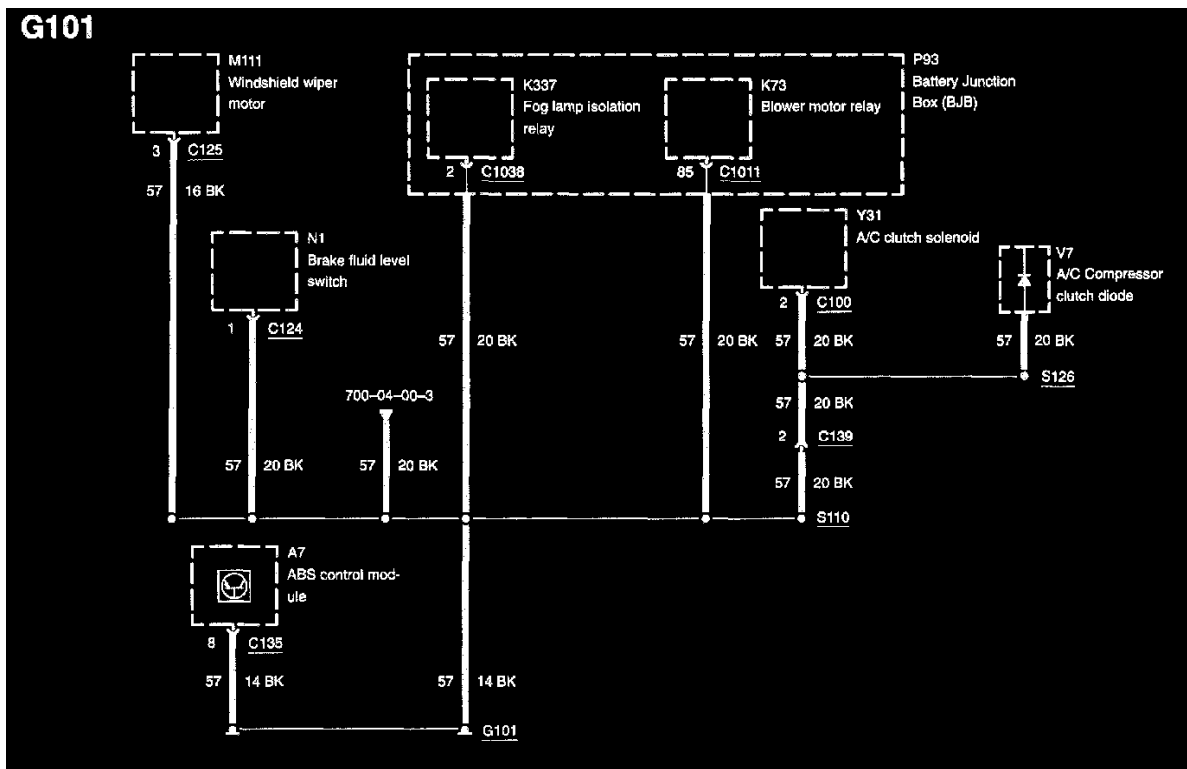


Diagram 700-04-00-2

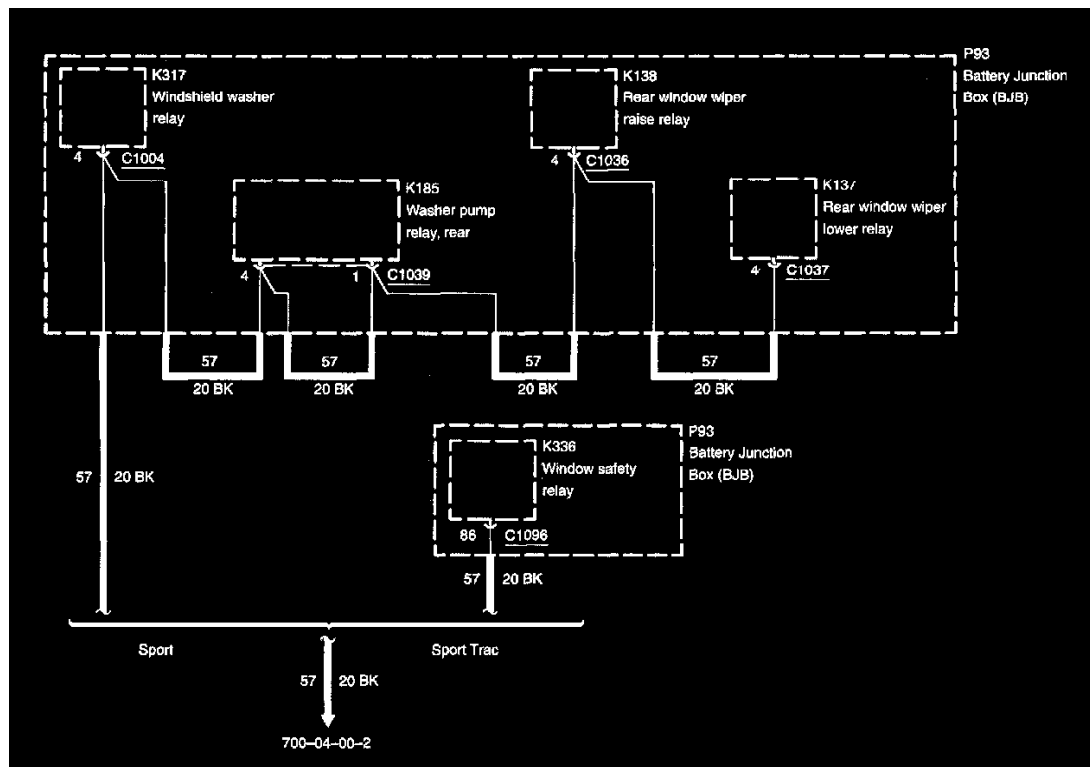


Diagram 700-04-00-3

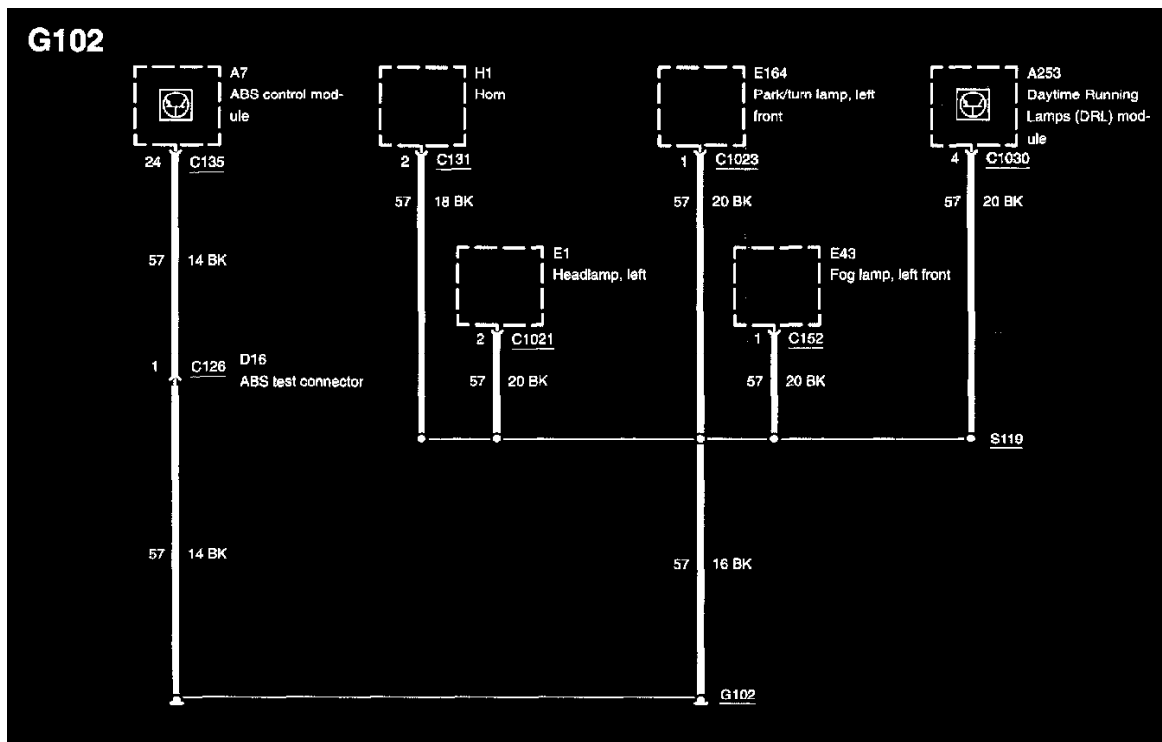


Diagram 700-04-00-4

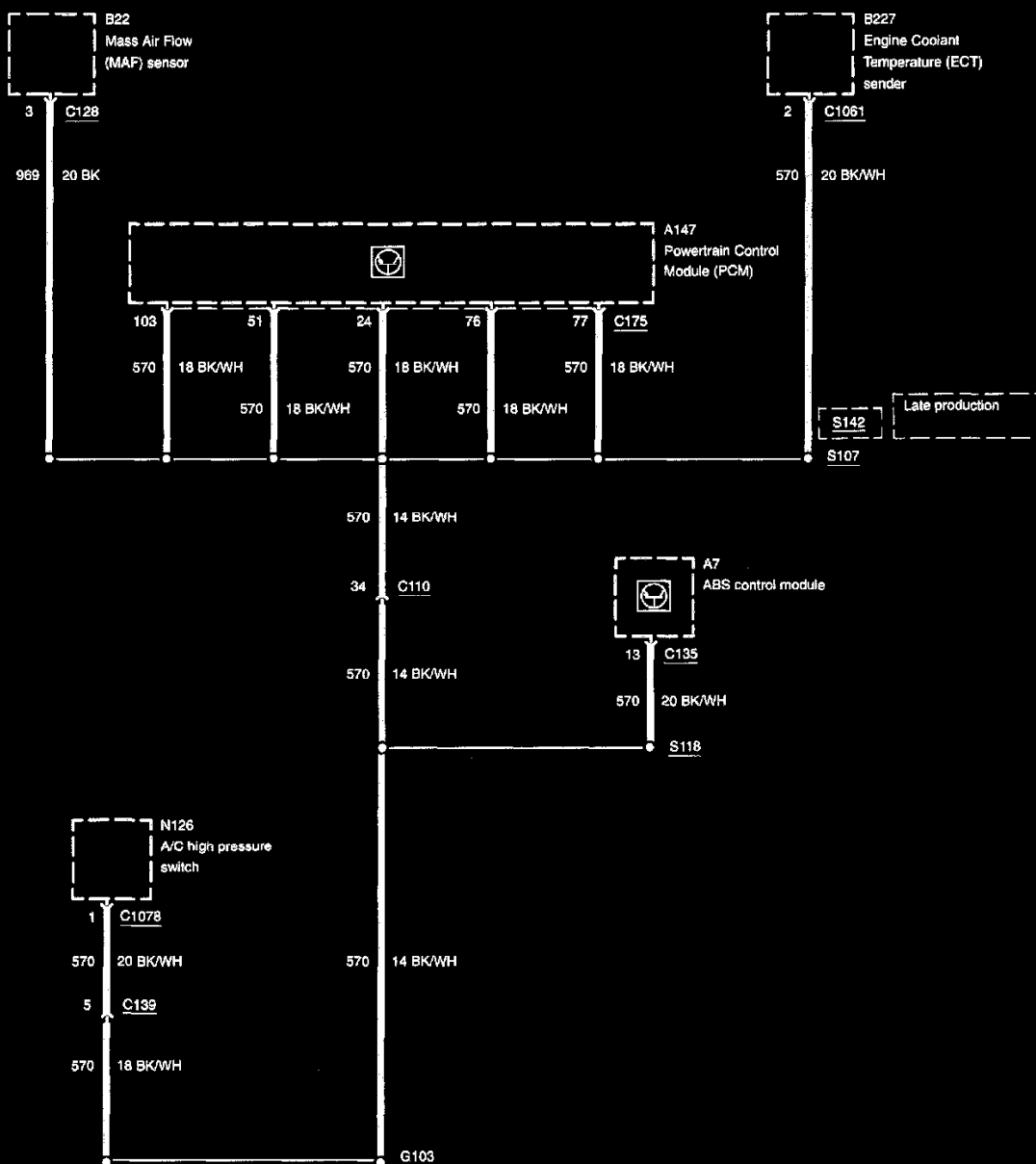
G103

Diagram 700-04-00-5

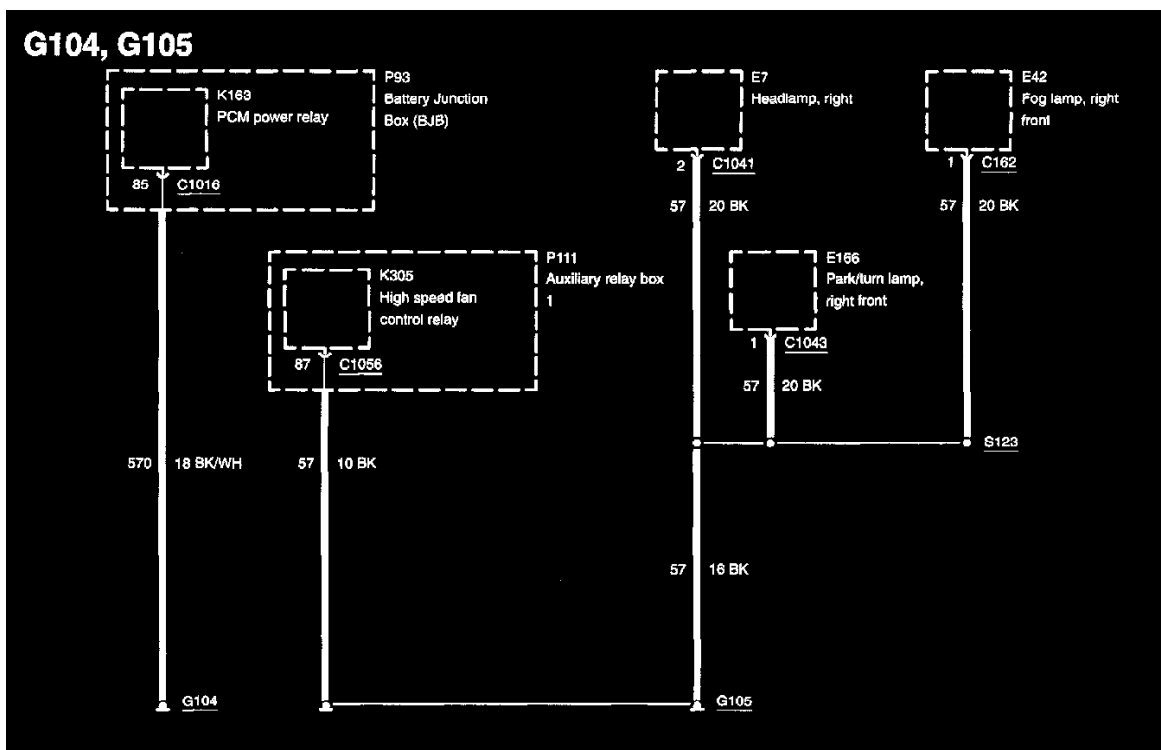


Diagram 700-04-00-6

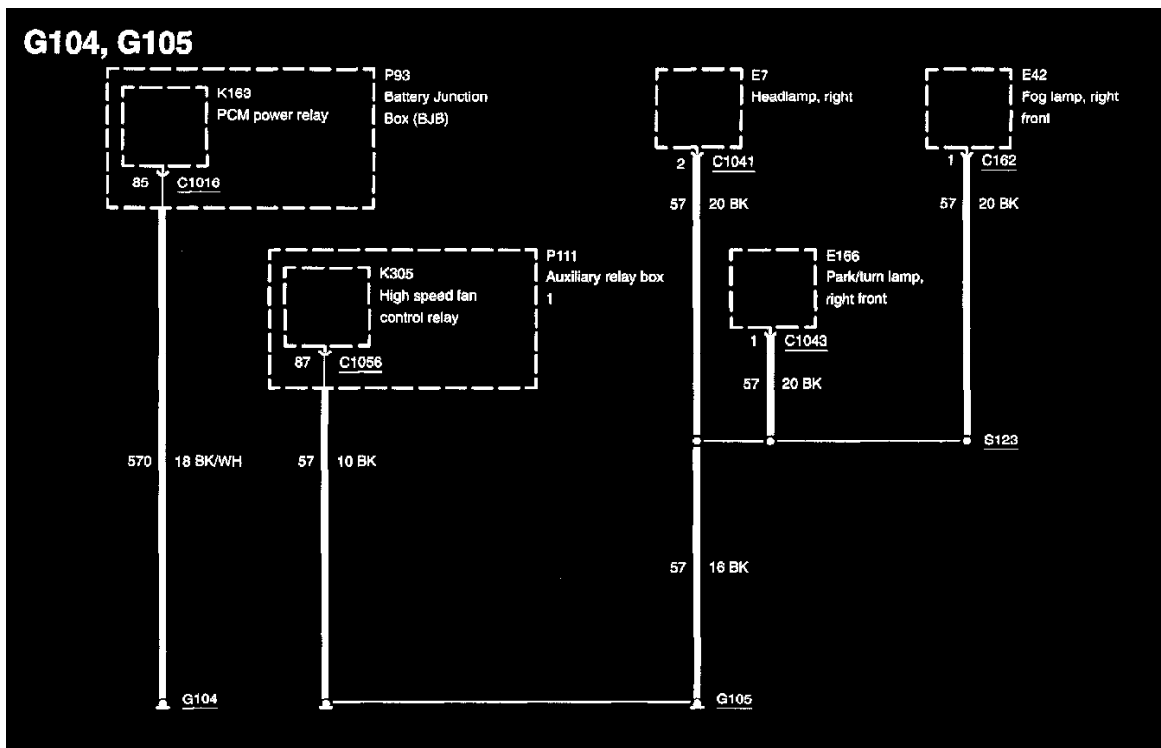
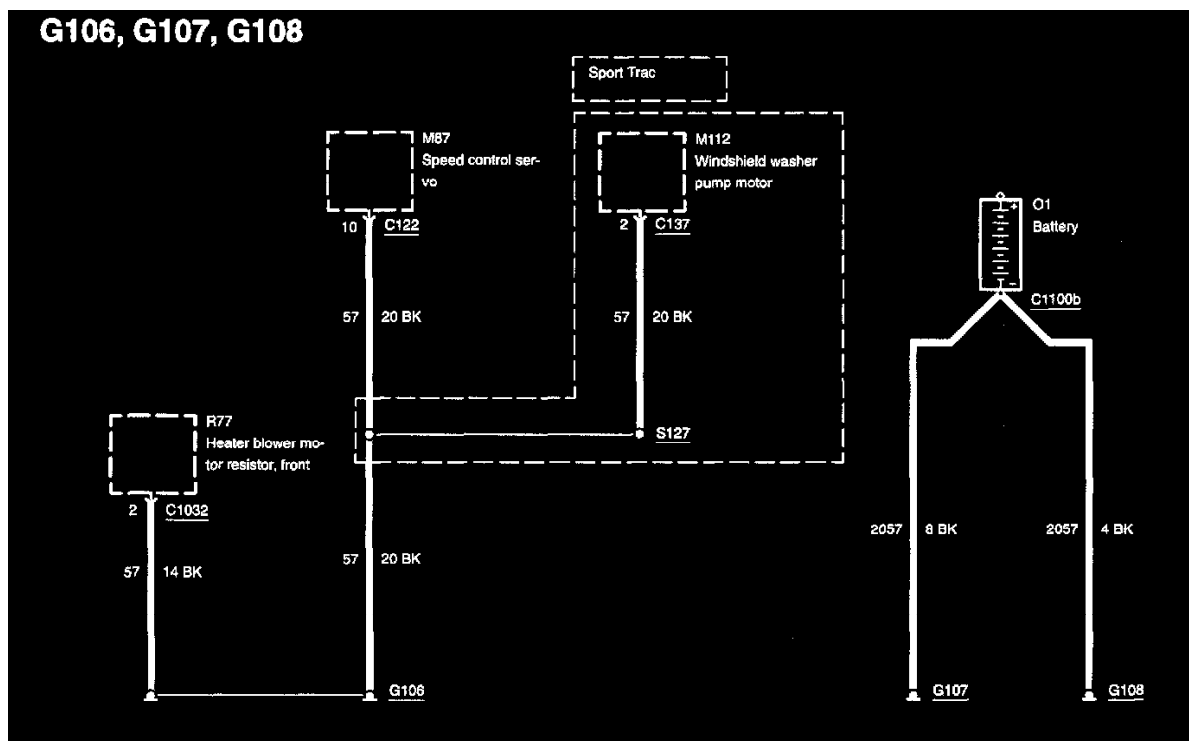
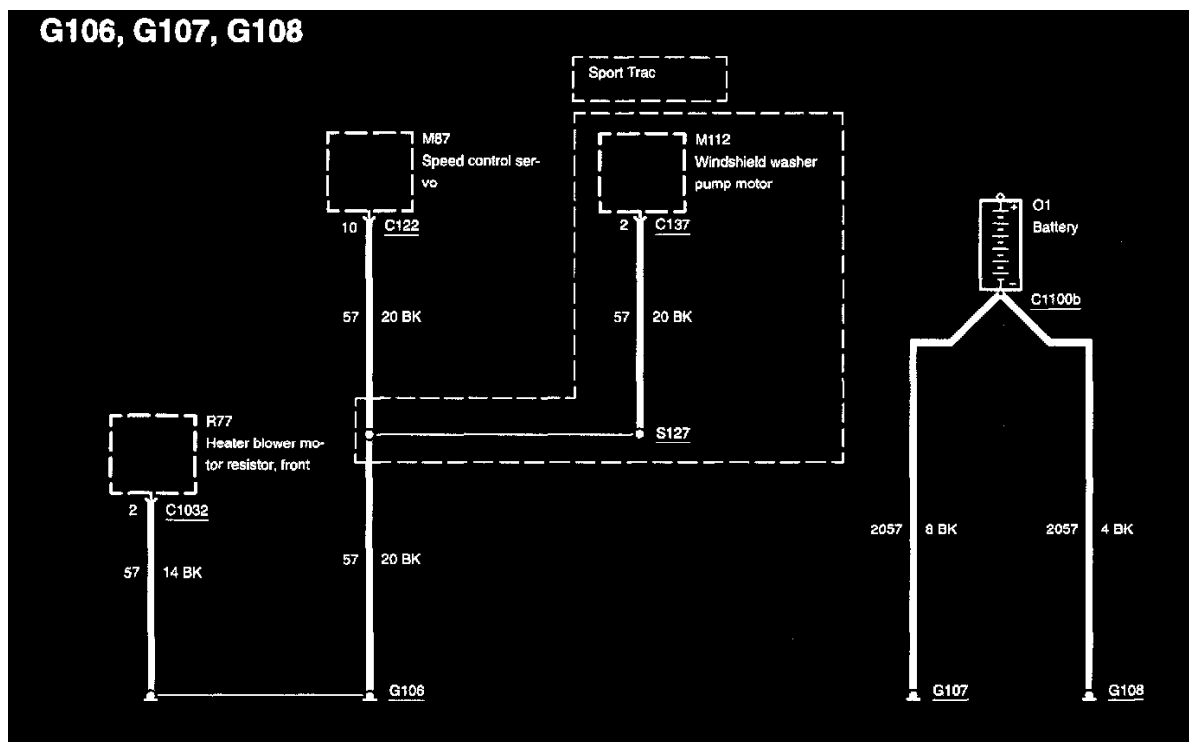


Diagram 700-04-00-6



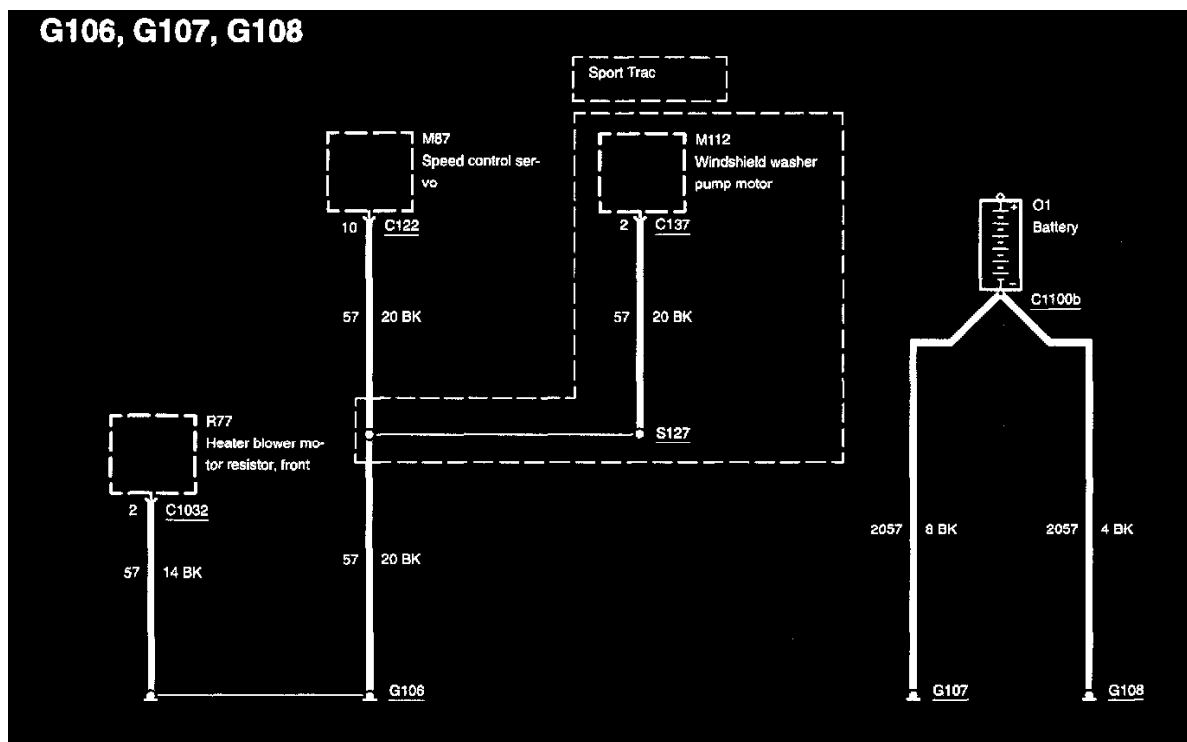


Diagram 700-04-00-7

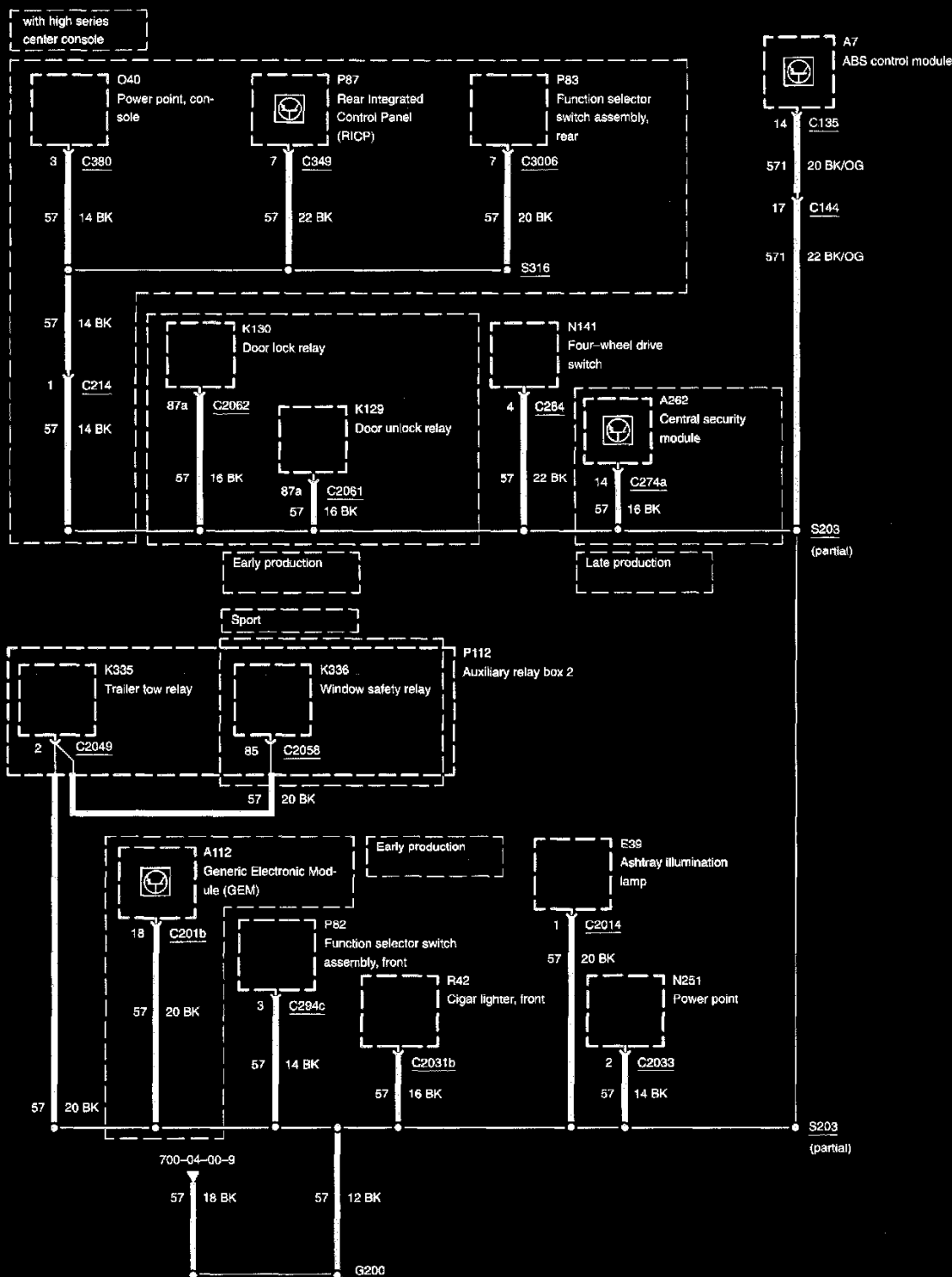
G200

Diagram 700-04-00-8

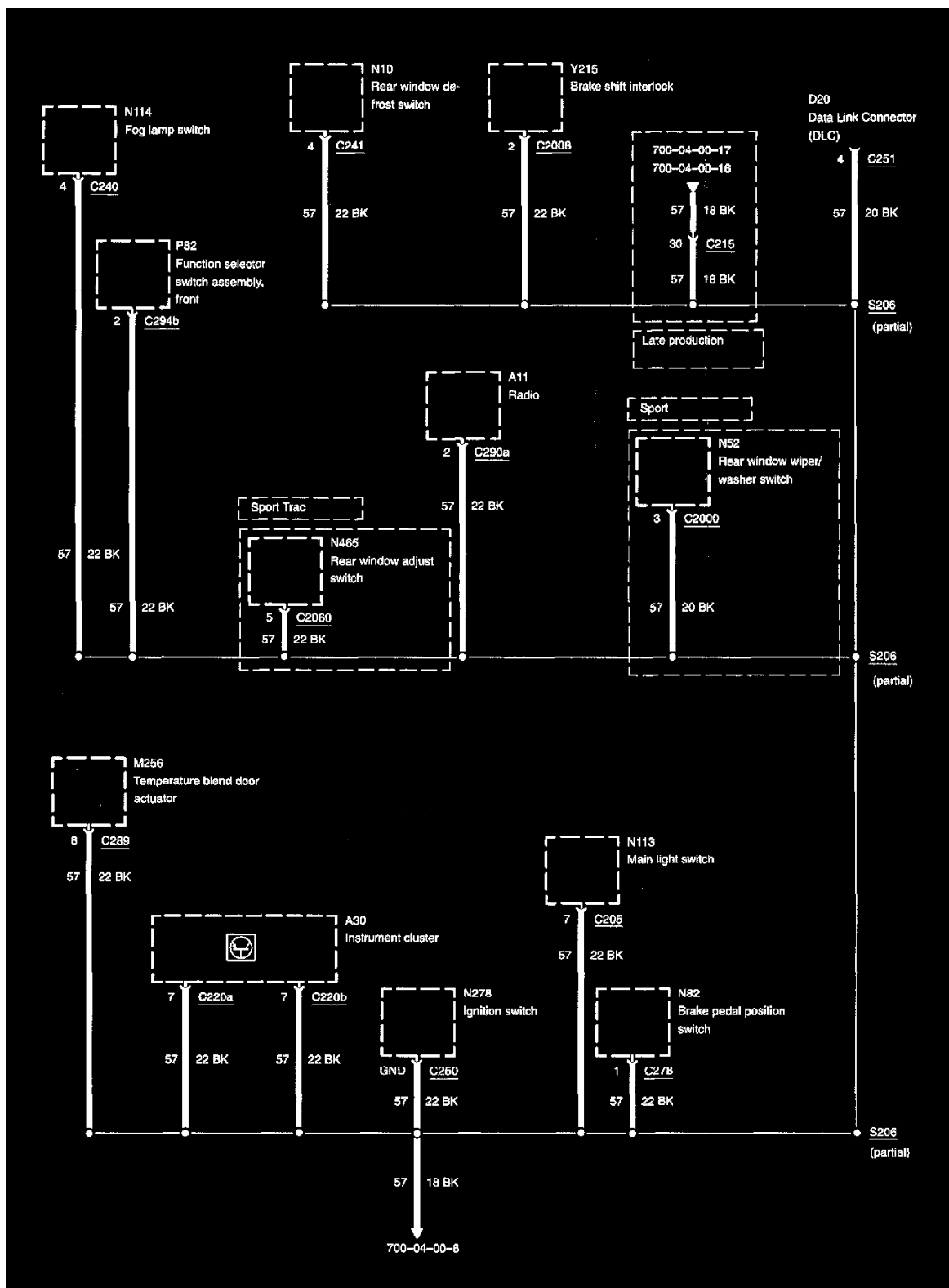


Diagram 700-04-00-9

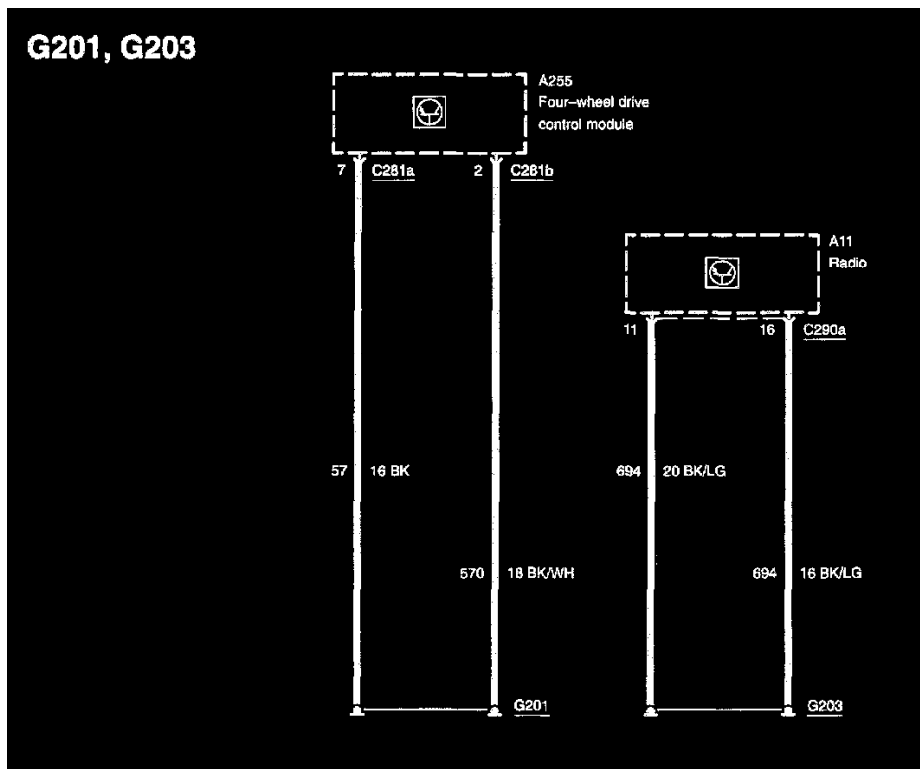


Diagram 700-04-00-10

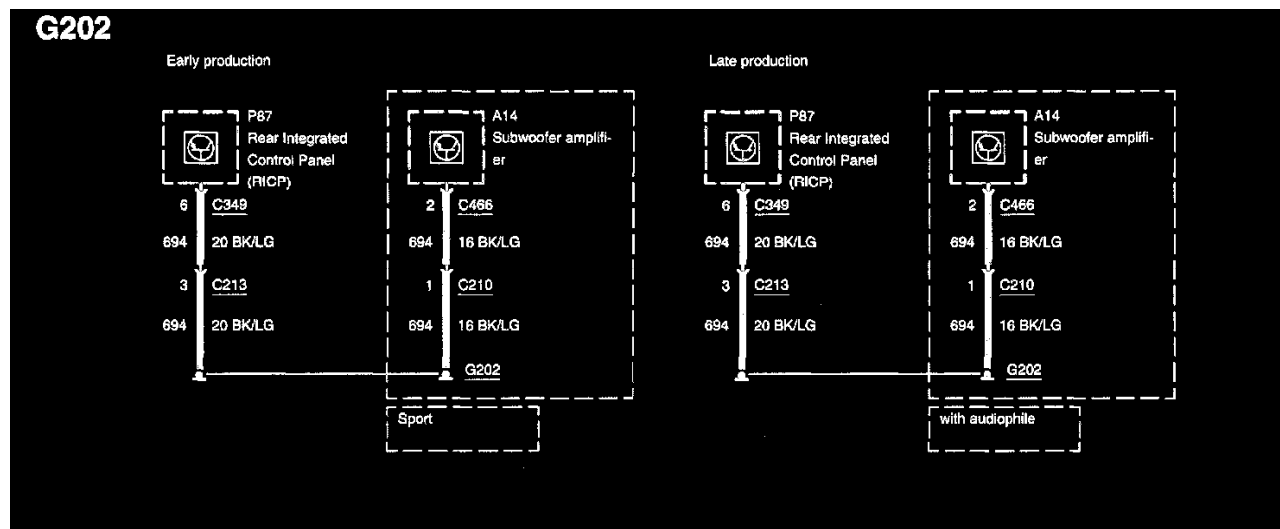


Diagram 700-04-00-11

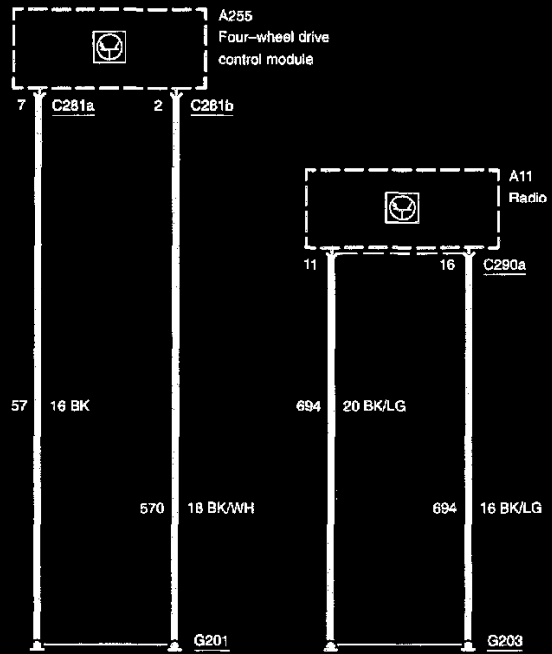
G201, G203

Diagram 700-04-00-10

G204

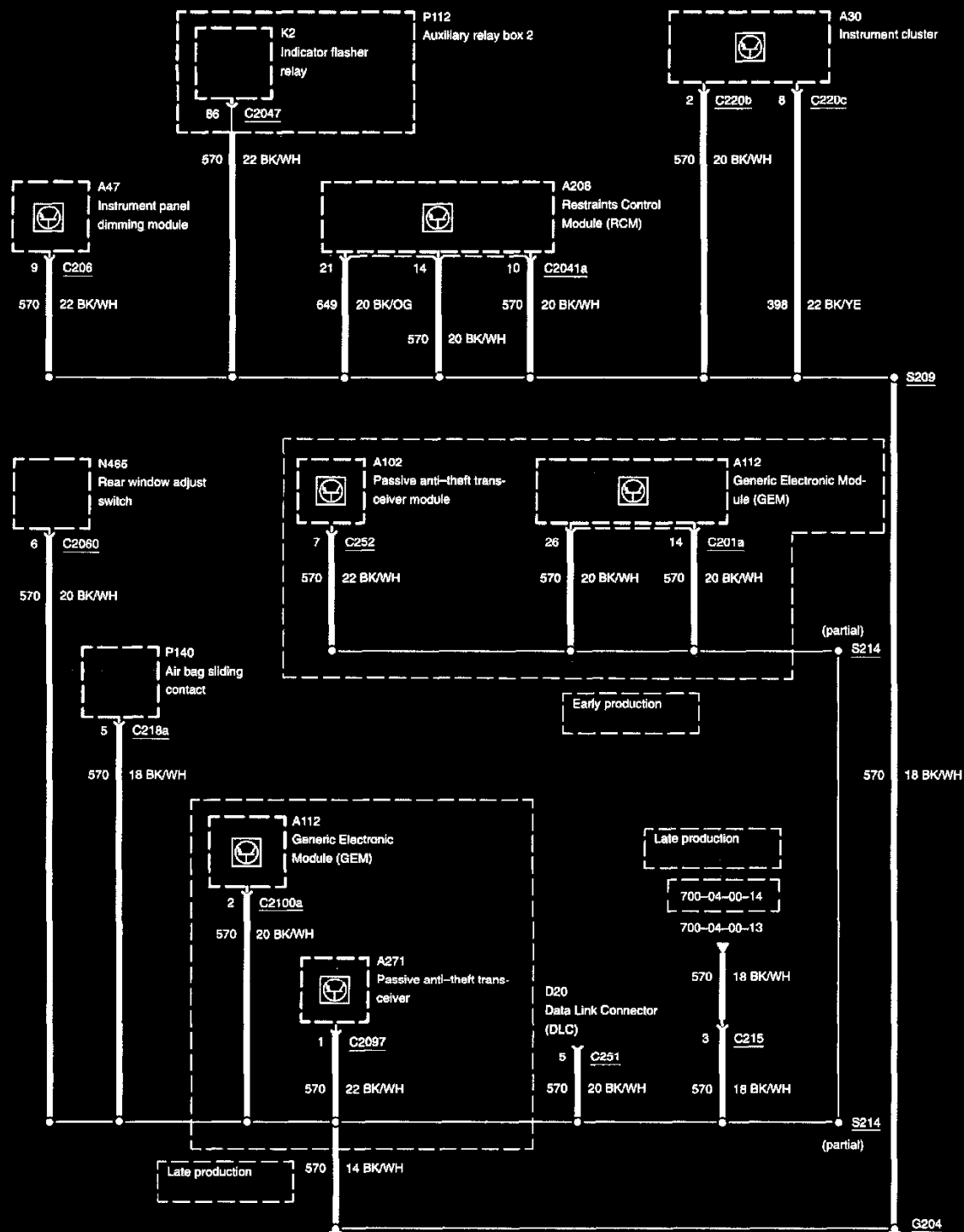
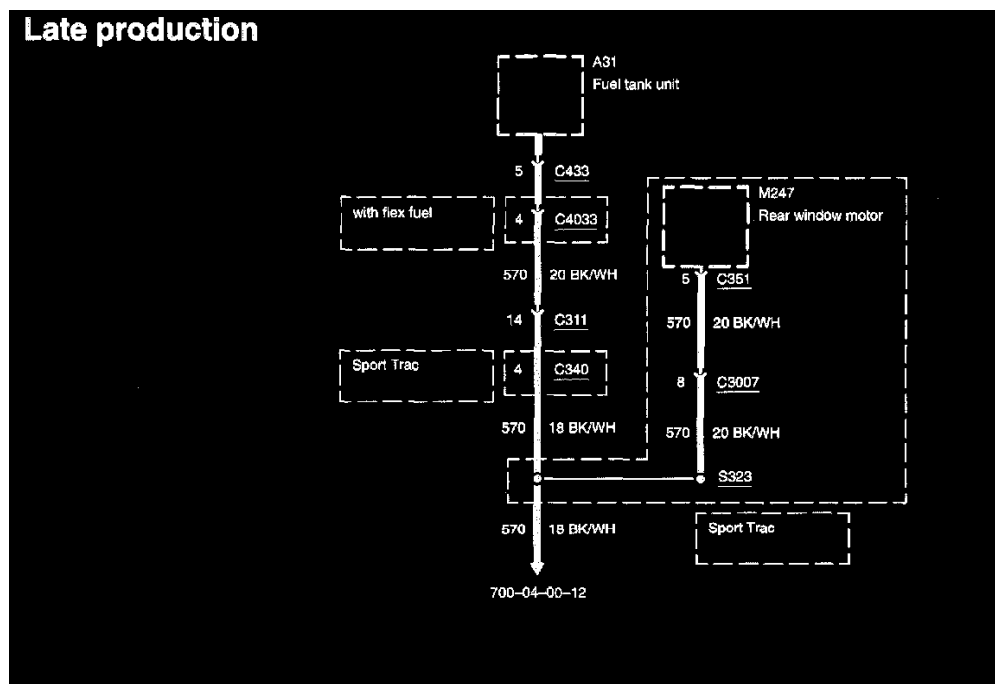
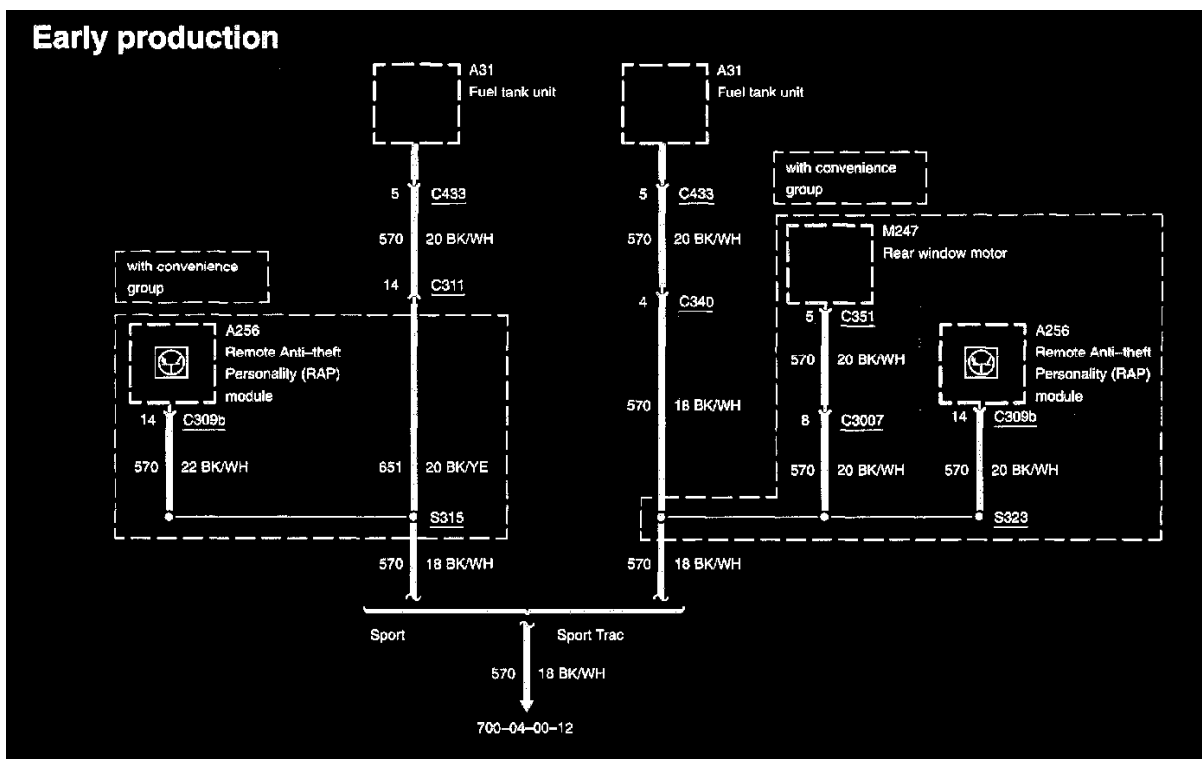
G204

Diagram 700-04-00-12



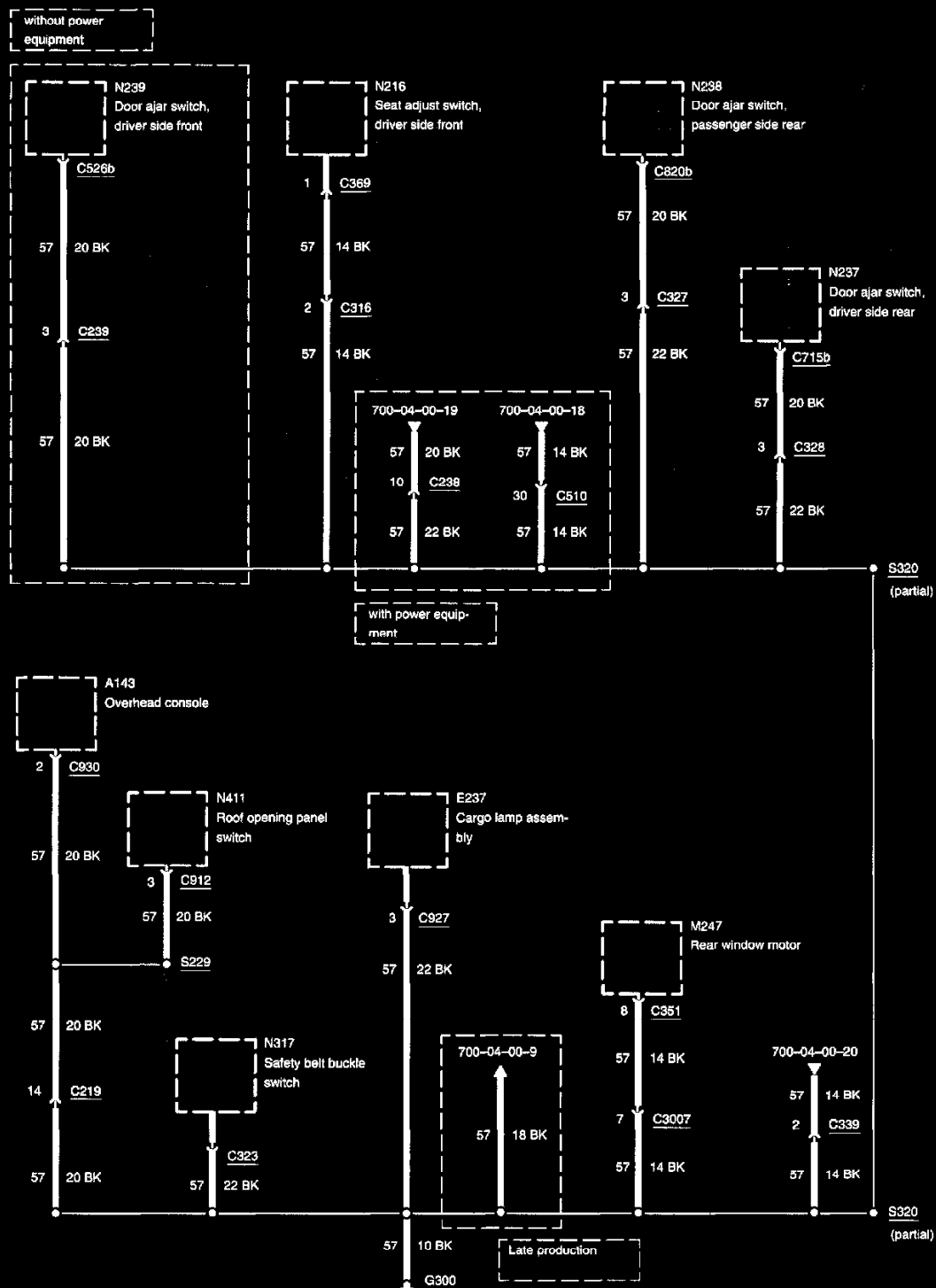
G300, Sport Trac

Diagram 700-04-00-17

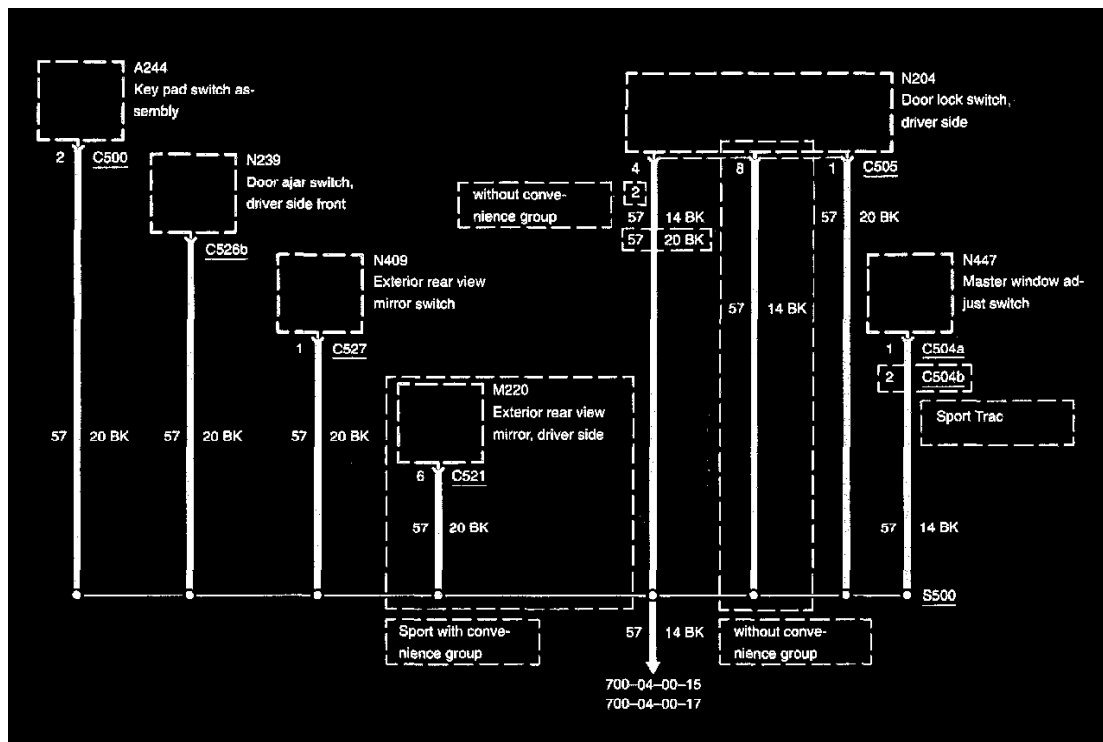


Diagram 700-04-00-18

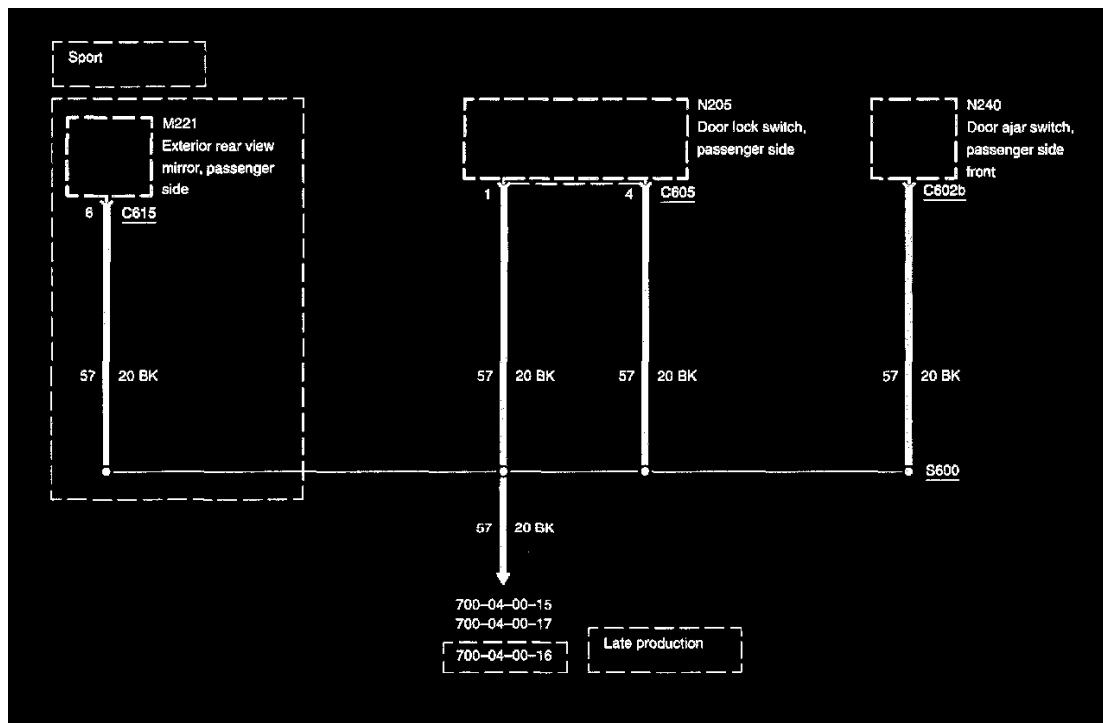


Diagram 700-04-00-19

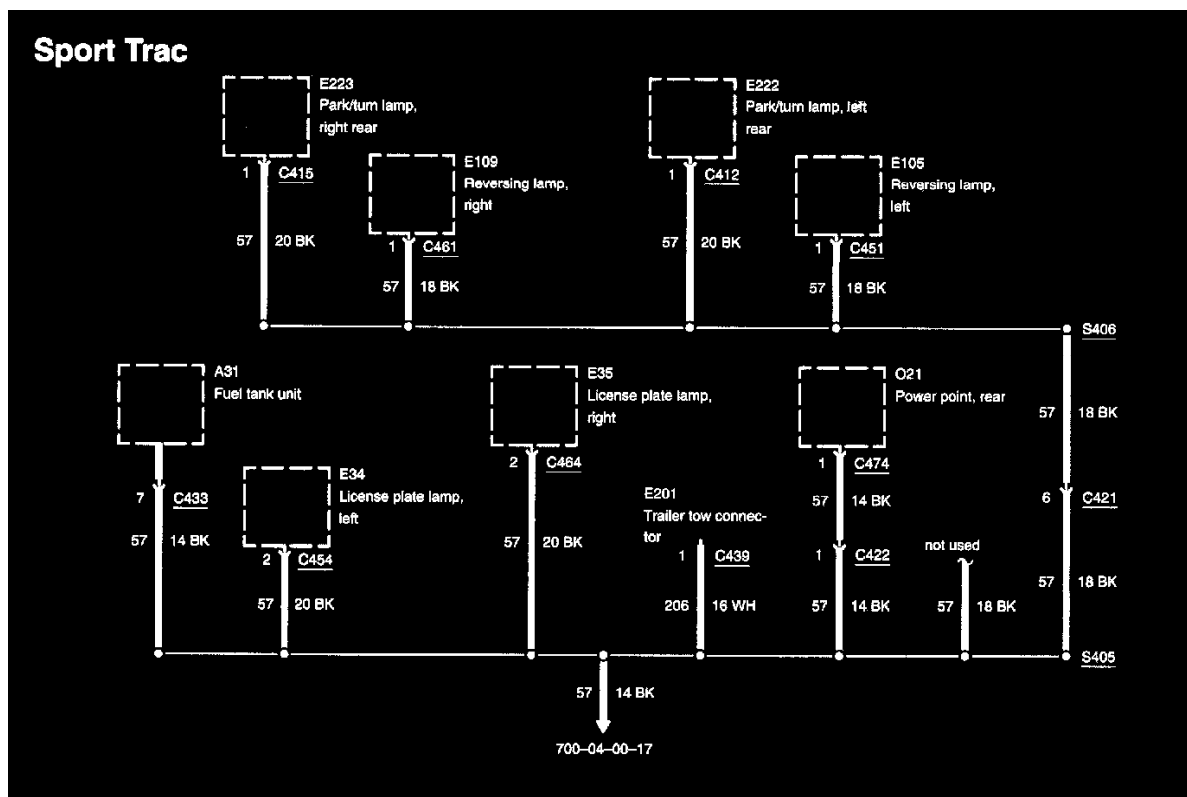


Diagram 700-04-00-20

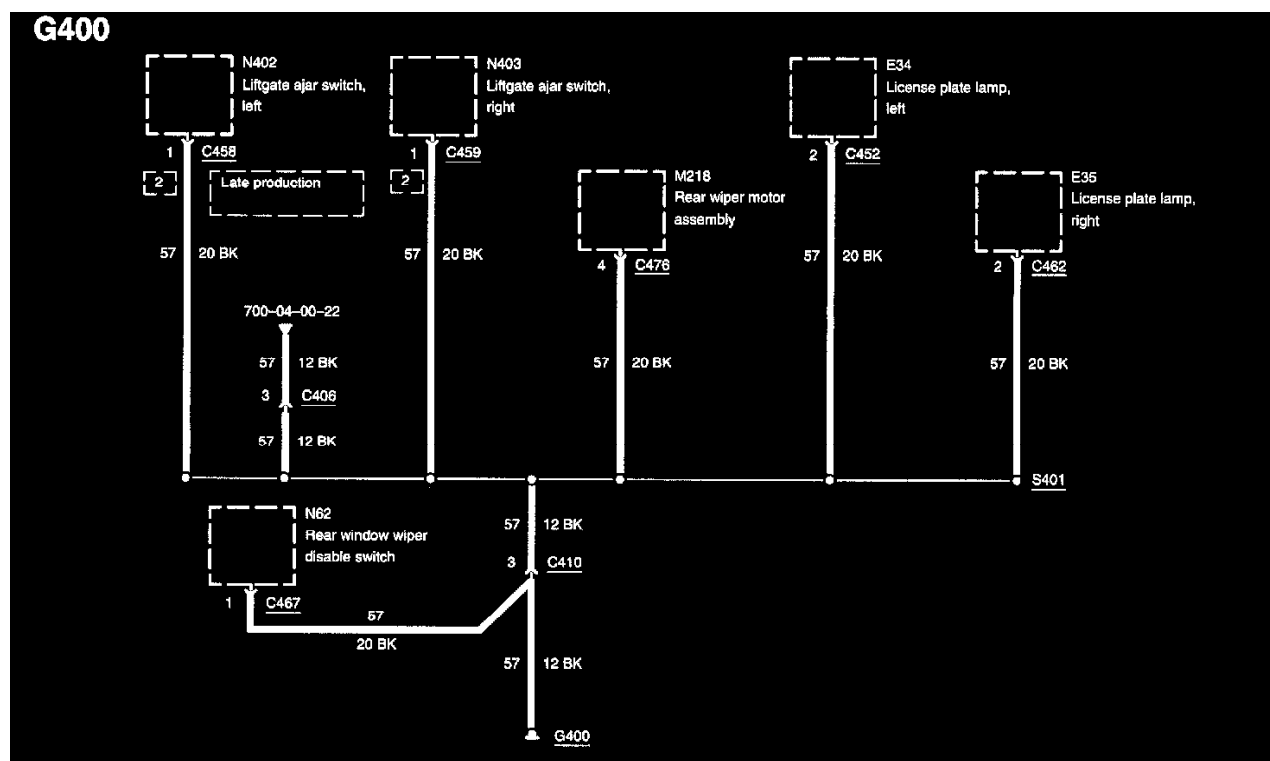


Diagram 700-04-00-21

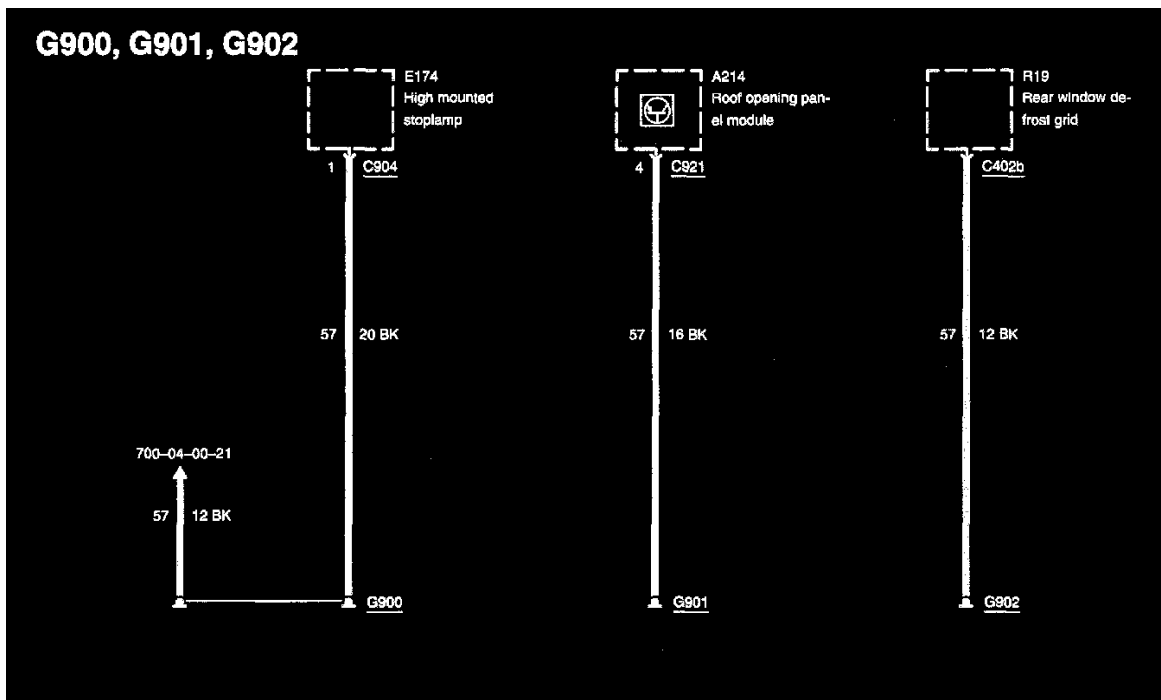


Diagram 700-04-00-22

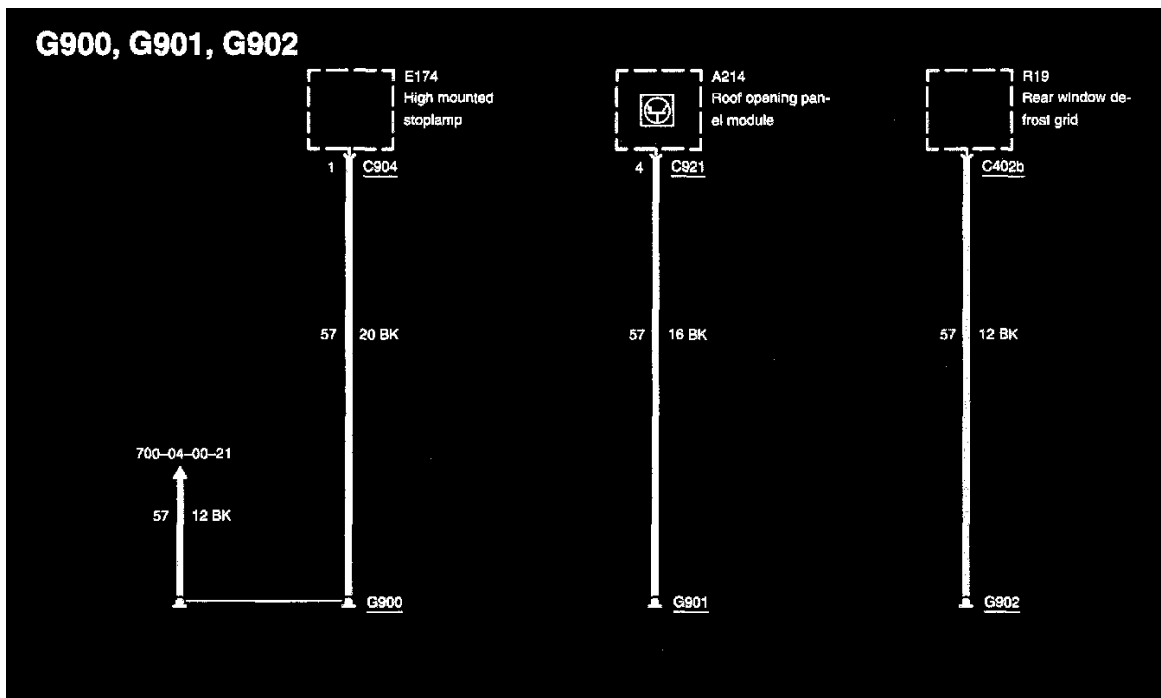


Diagram 700-04-00-22

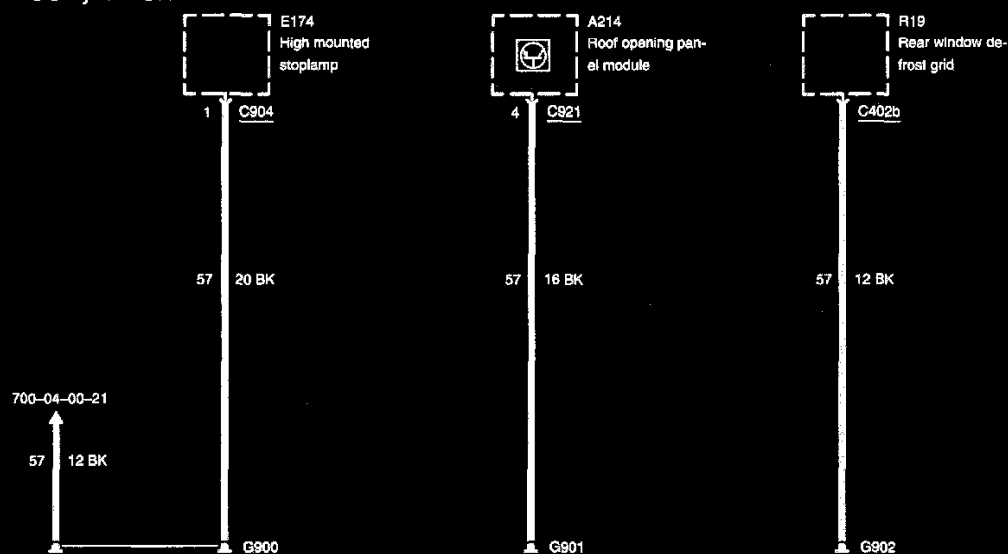
G900, G901, G902

Diagram 700-04-00-22

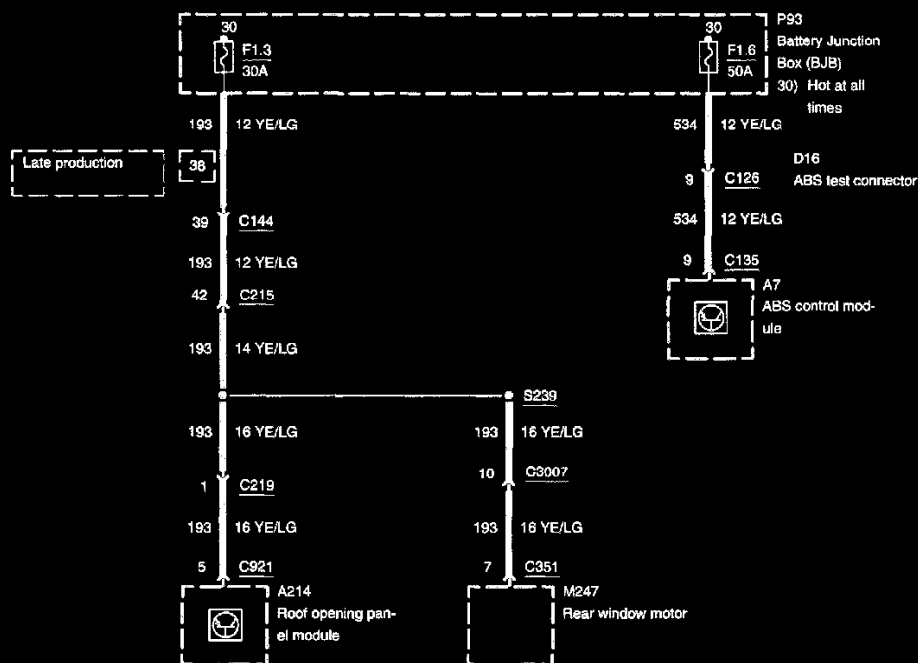
F1.3, F1.6

Diagram 700-03-00-1

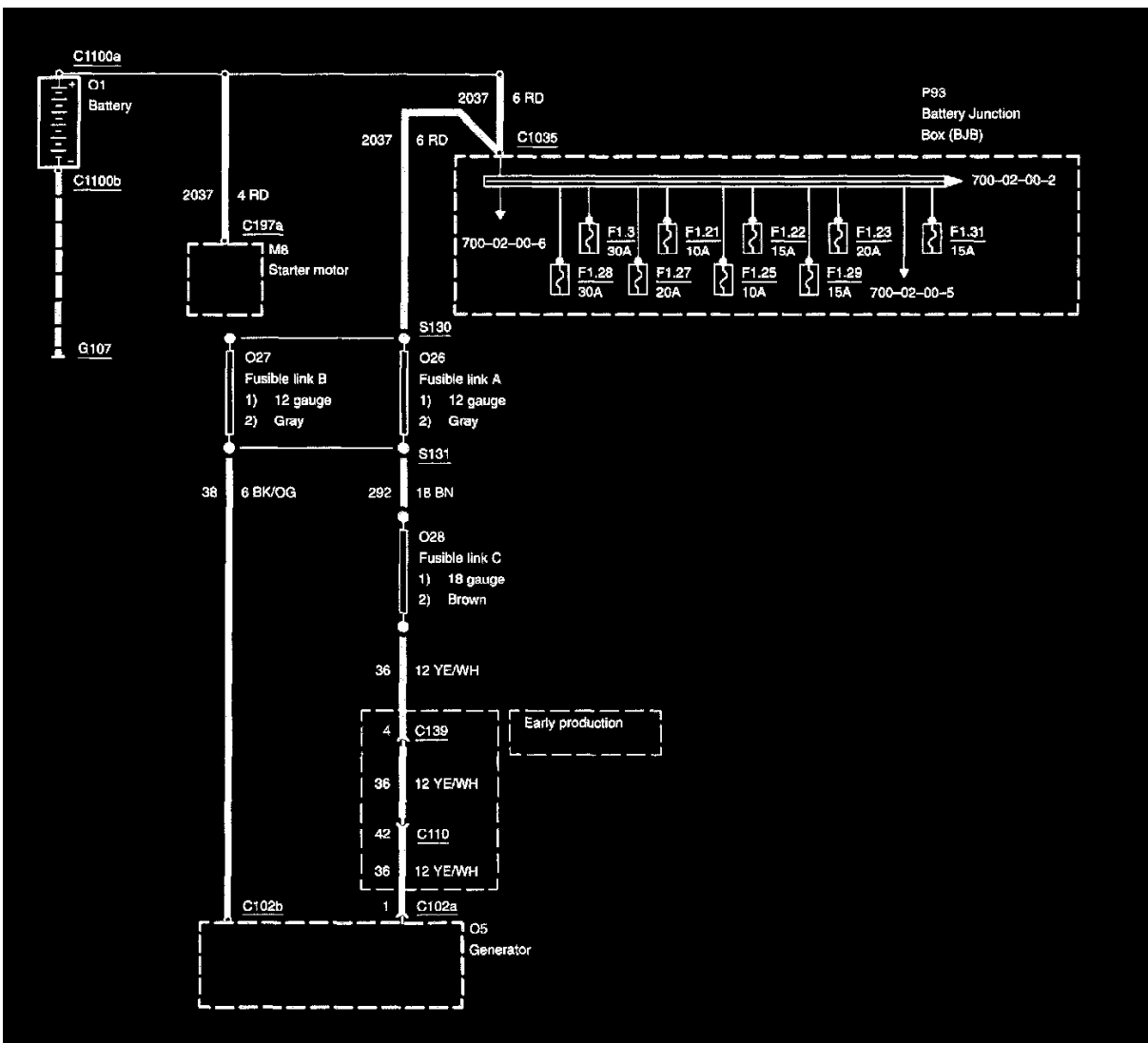


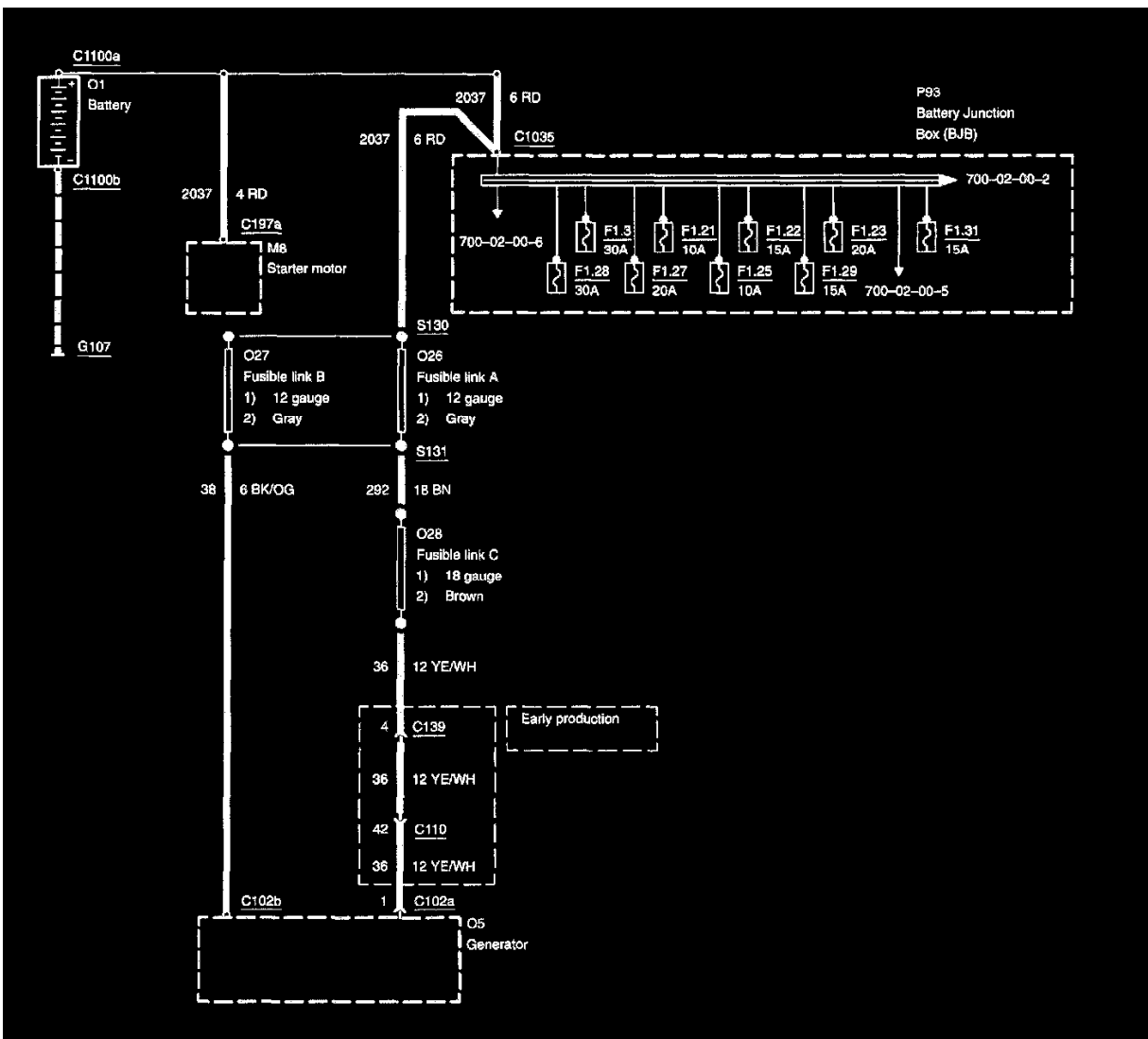
Diagram 700-02-00-1

The diagram illustrates the electrical connections for the ABS system. It features a central vertical bus with several branches. At the top, a dashed box labeled '30' contains a fuse 'F1.3 30A'. To the right, another dashed box labeled '30' contains a fuse 'F1.6 50A' and is connected to a 'Battery Junction Box (BJB)'. Below the BJB, a '30) Hot at all times' label is present. The main vertical bus has several points labeled with wire gauges and colors: '193 12 YE/LG', '39 C144', '193 12 YE/LG', '42 C215', '193 14 YE/LG', '193 16 YE/LG', '1 C219', '193 16 YE/LG', '5 C921', '193 16 YE/LG', '10 C9007', '193 16 YE/LG', and '7 C351'. A horizontal line connects the bus at the '193 14 YE/LG' point to a point labeled 'S239'. From 'S239', a vertical line goes down to '10 C9007', which then connects to '193 16 YE/LG' and '7 C351'. The '7 C351' line leads to a dashed box labeled 'M247' containing a 'Rear window motor'. The '5 C921' line leads to a dashed box labeled 'A214' containing a 'Roof opening panel module'. The '193 14 YE/LG' line leads to a dashed box labeled 'A7' containing an 'ABS control module'. The '193 16 YE/LG' line leads to a dashed box labeled 'D16' containing an 'ABS test connector'. The '193 16 YE/LG' line also leads to a dashed box labeled '30) Hot at all times'.

Diagram 700-03-00-1



Diagram 700-02-00-2



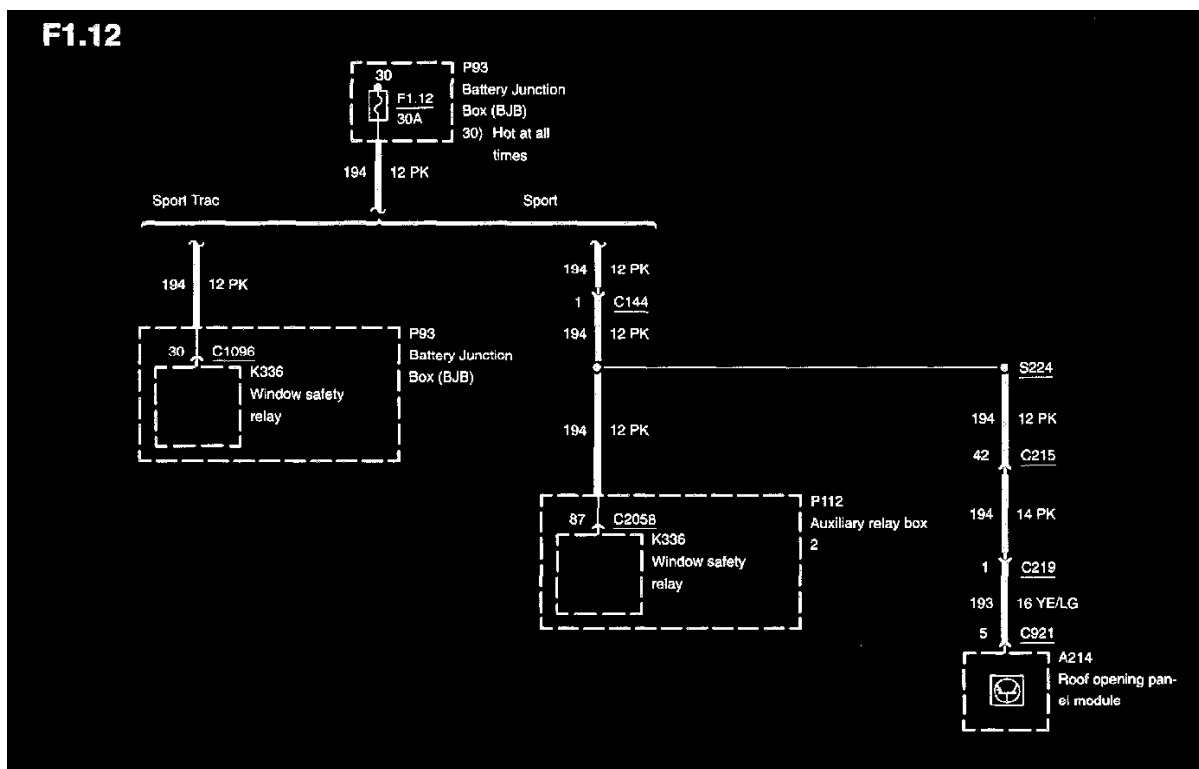


Diagram 700-03-00-2



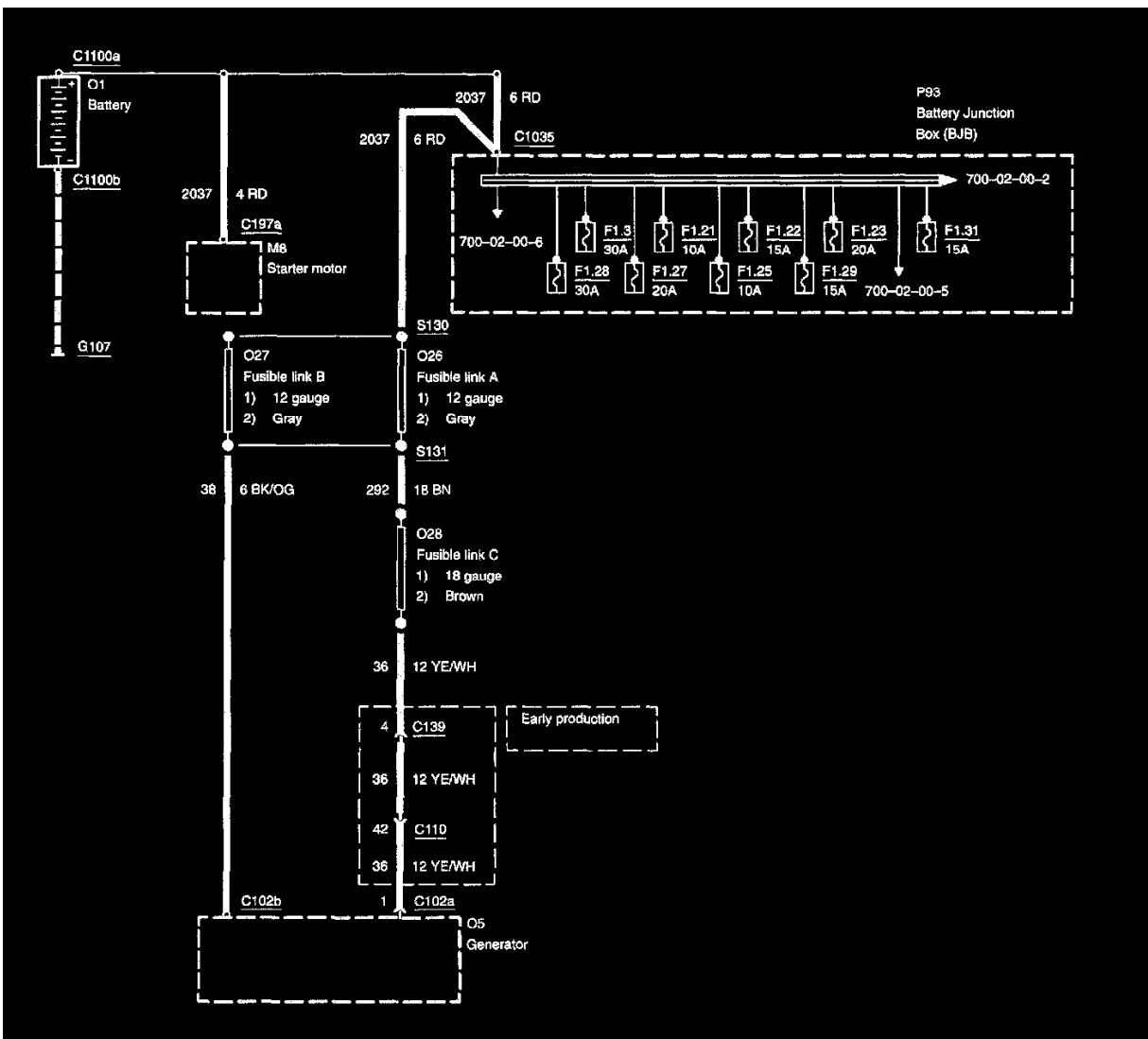


Diagram 700-02-00-1

F 1.13

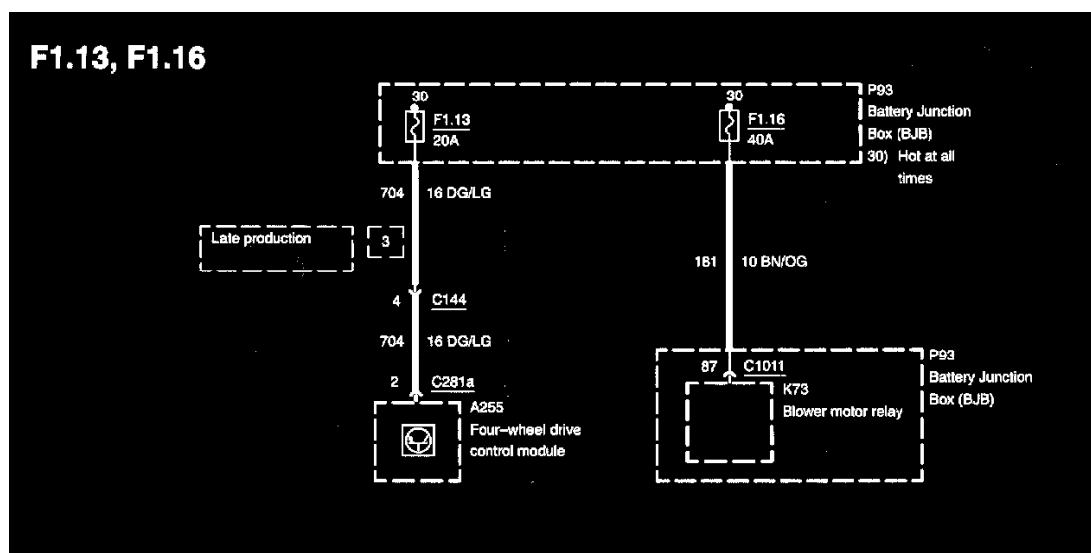


Diagram 700-03-00-3

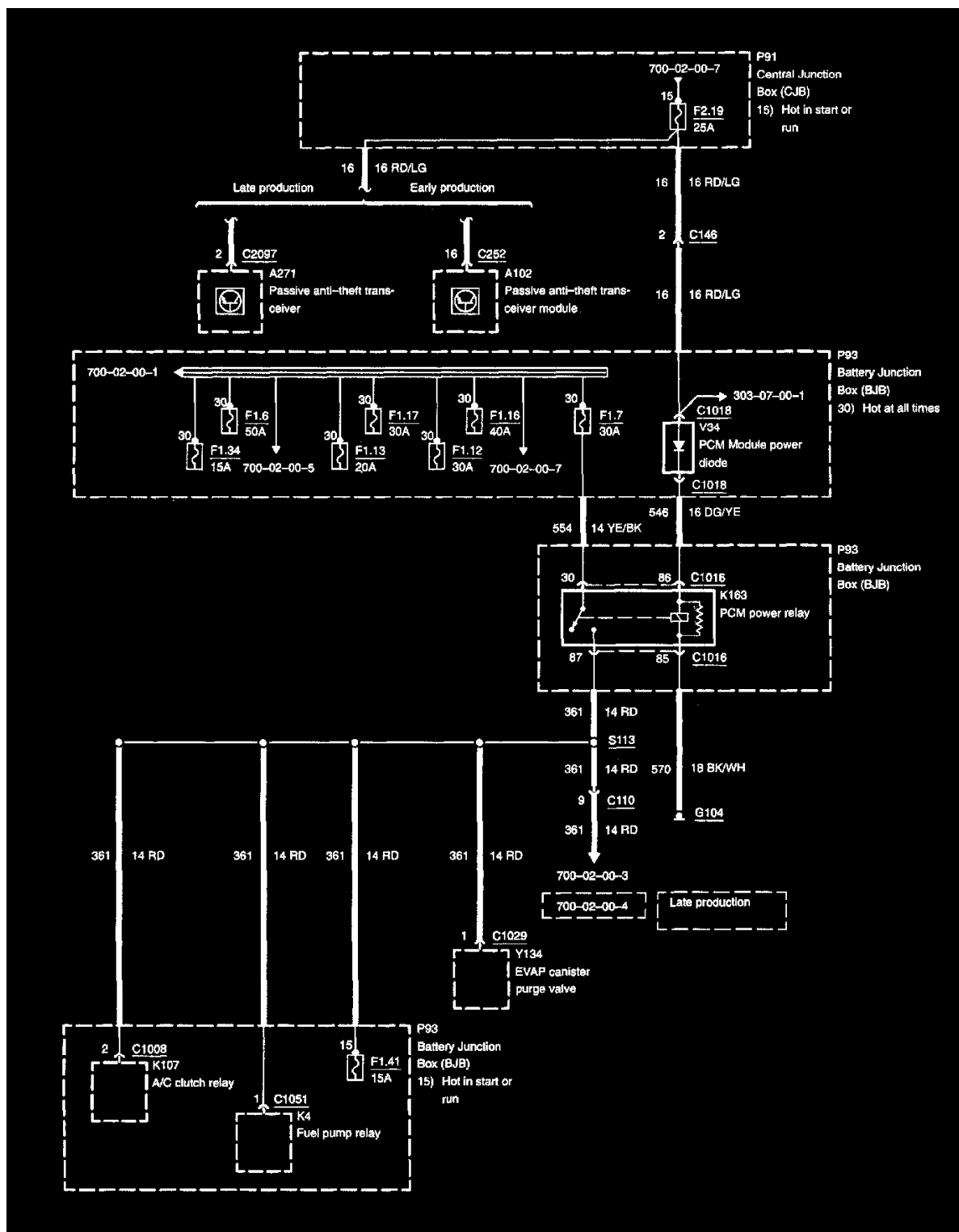


Diagram 700-02-00-2

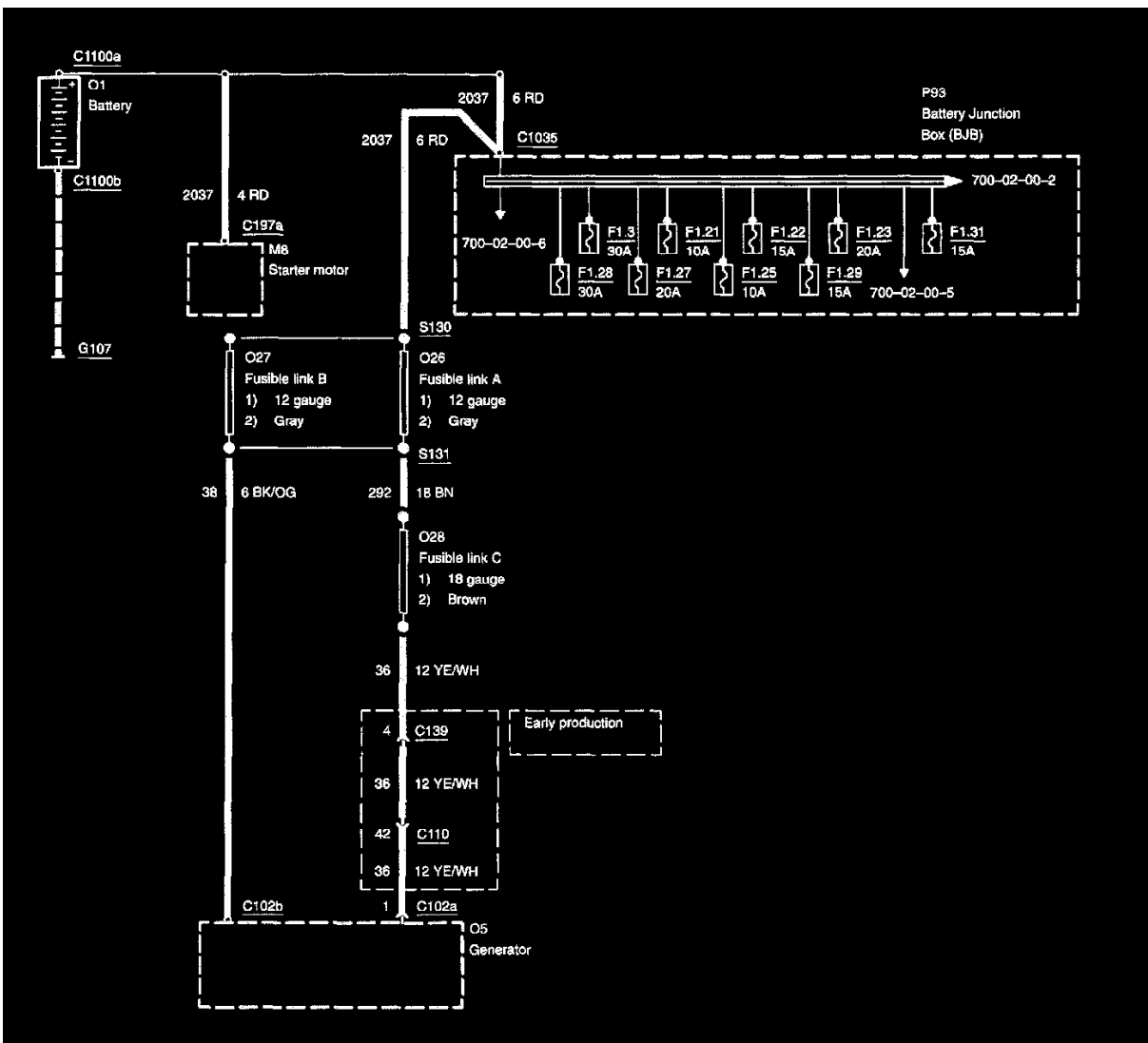


Diagram 700-02-00-1

F 1.16

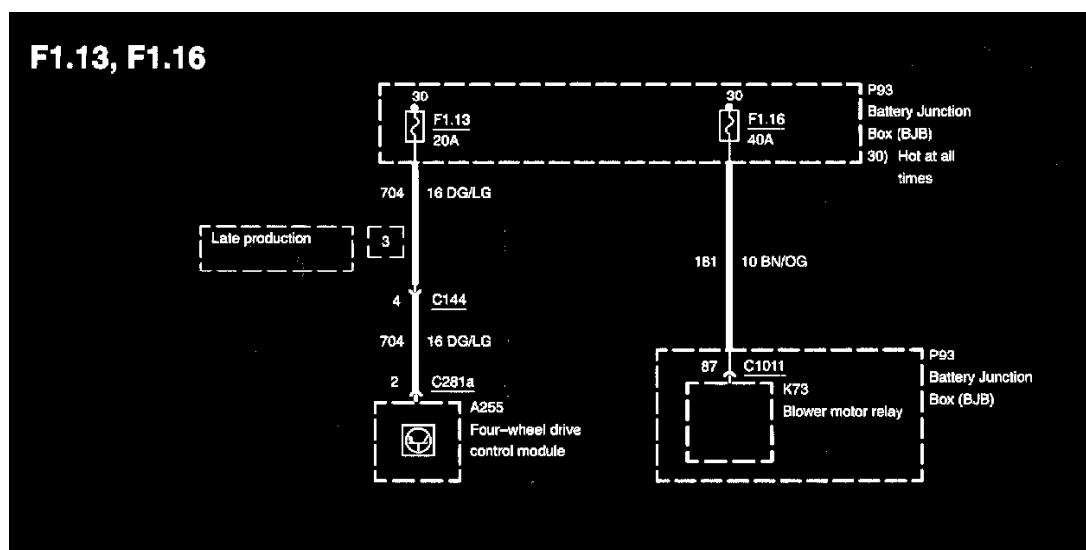


Diagram 700-03-00-3

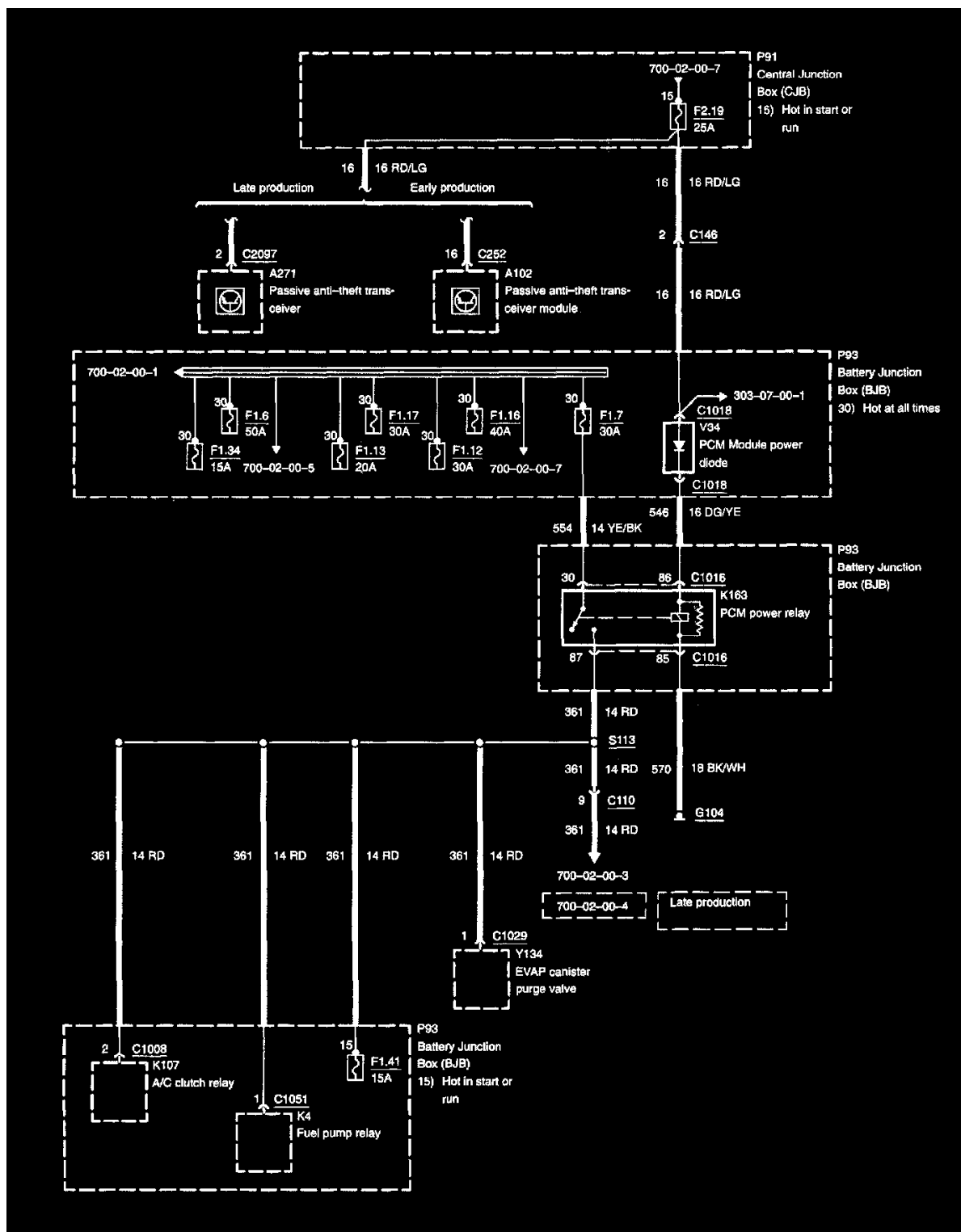
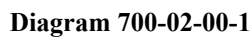


Diagram 700-02-00-2





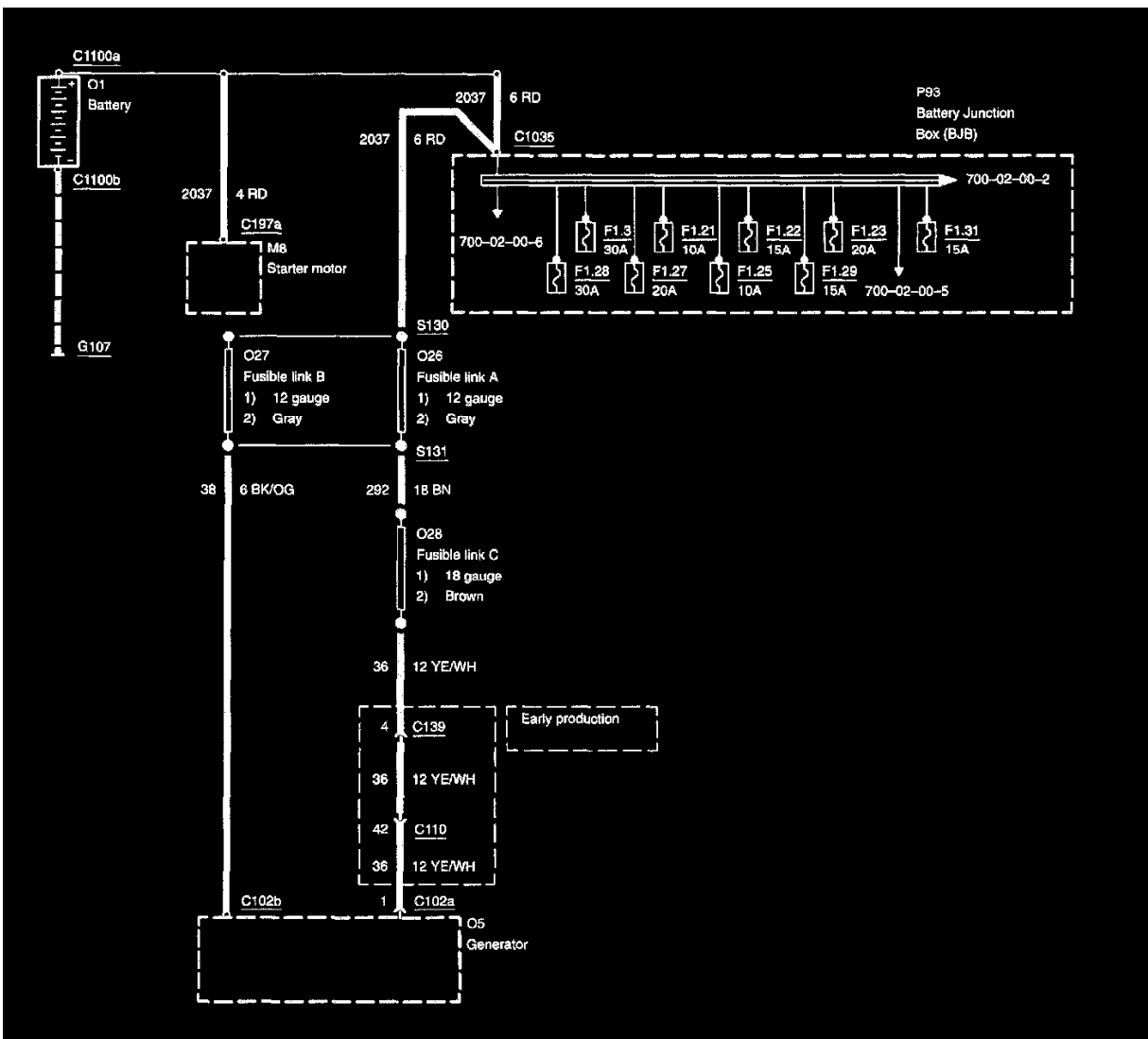


Diagram 700-02-00-1

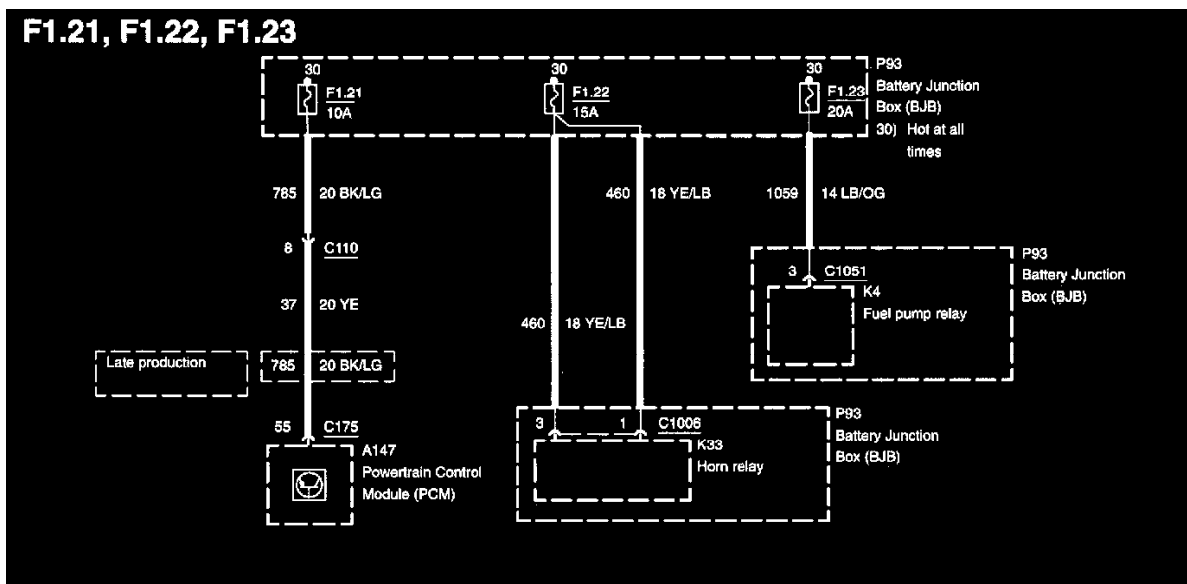


Diagram 700-03-00-4

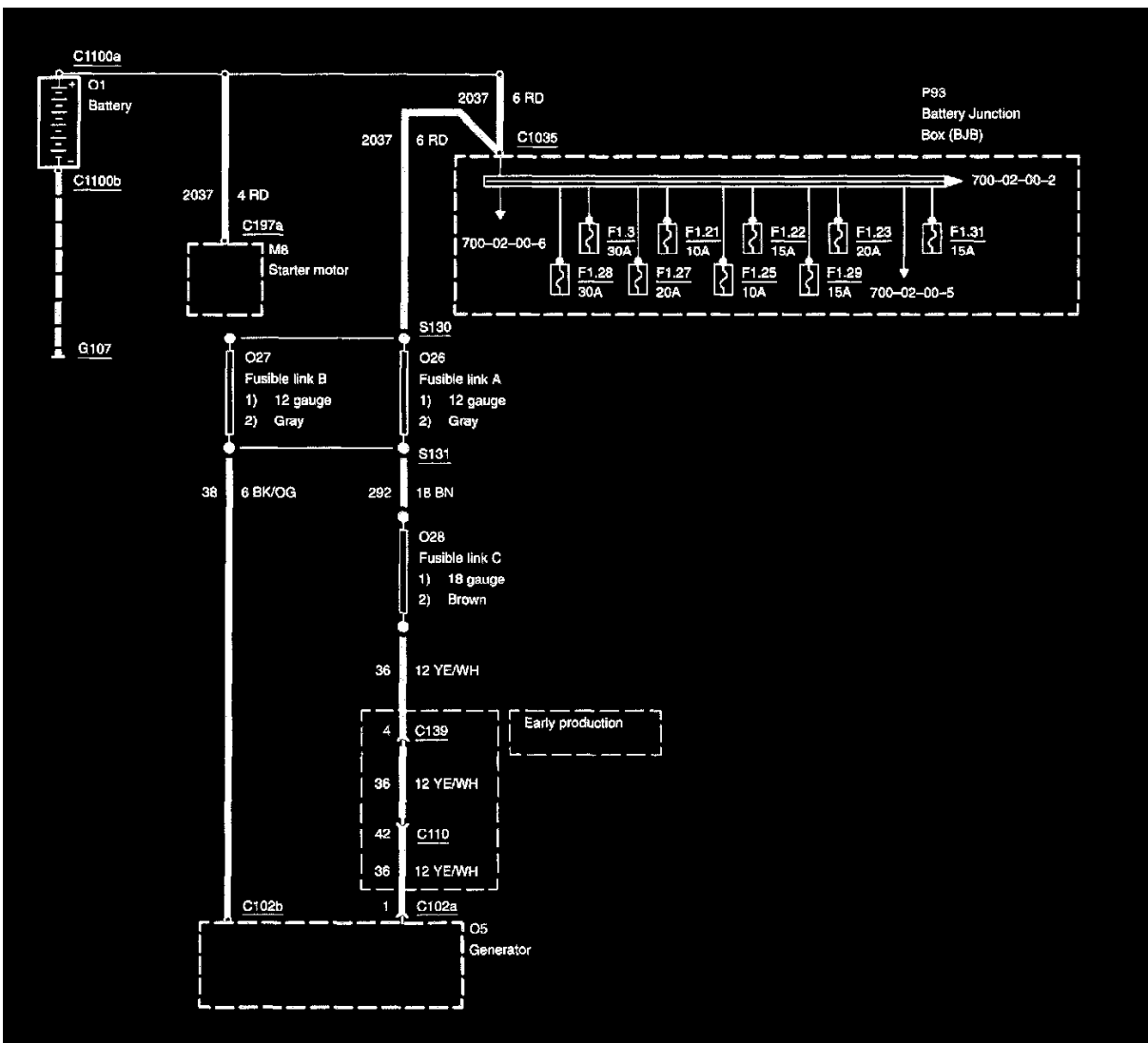


Diagram 700-02-00-1

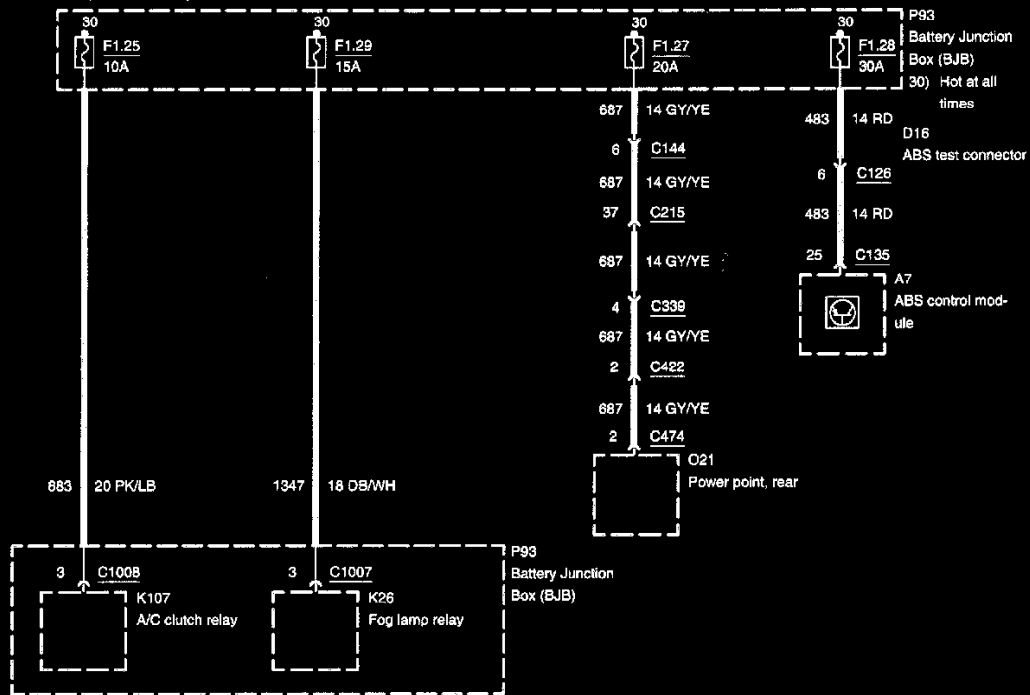
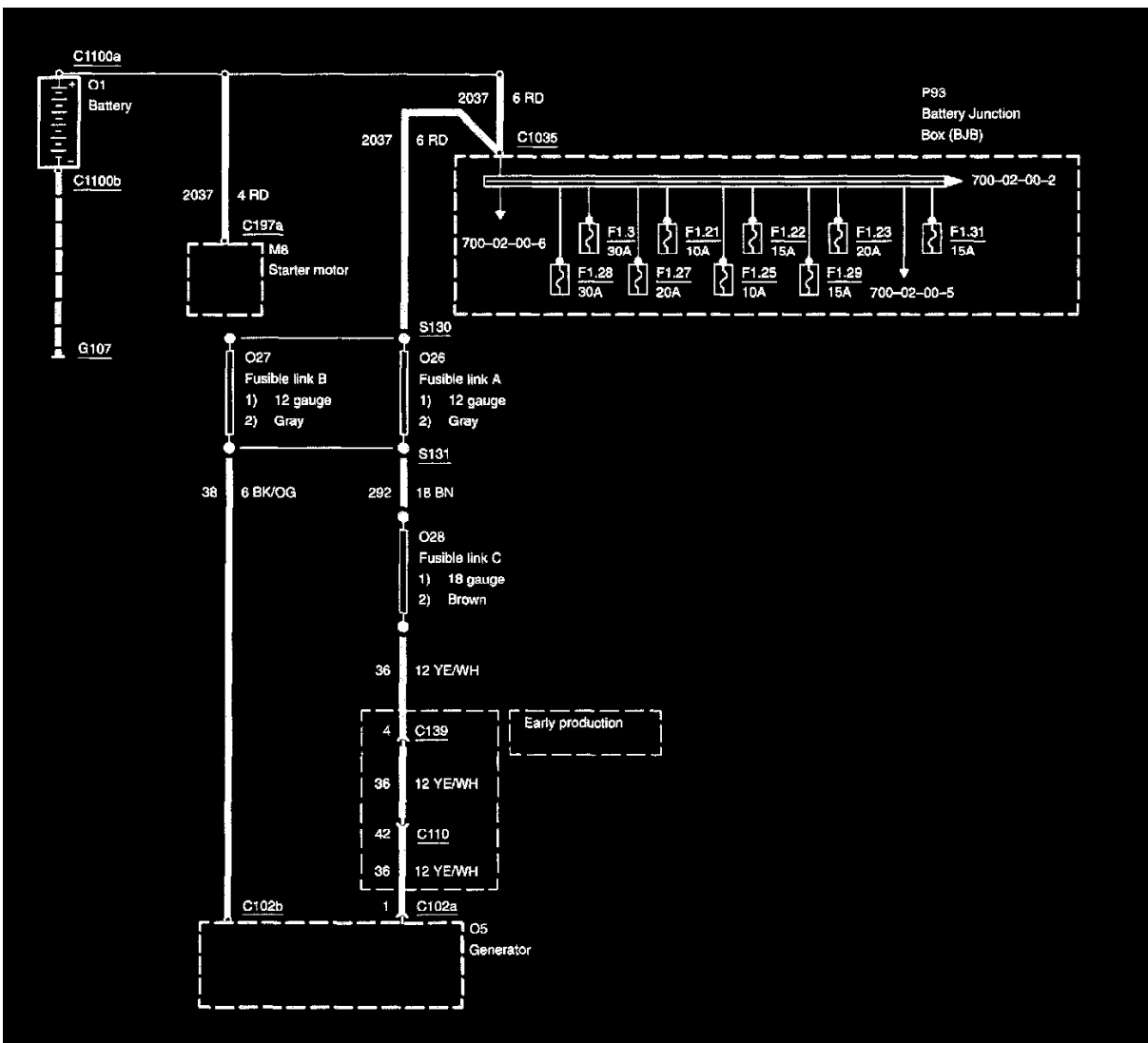
F1.25, F1.27, F1.28, F1.29

Diagram 700-03-00-5



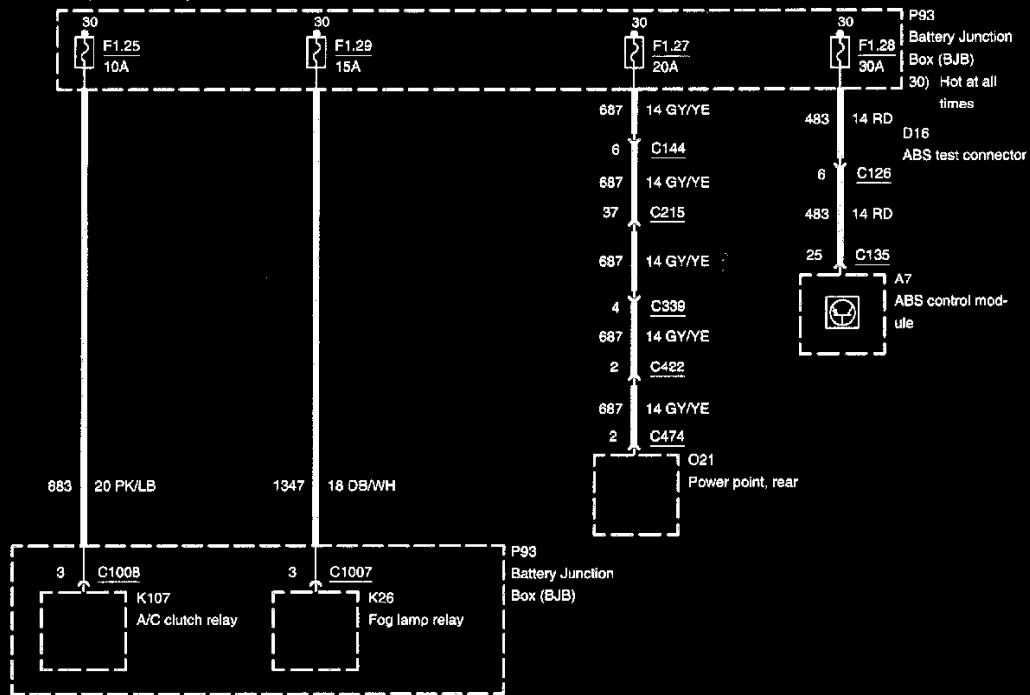
F1.25, F1.27, F1.28, F1.29

Diagram 700-03-00-5



Diagram 700-02-00-1

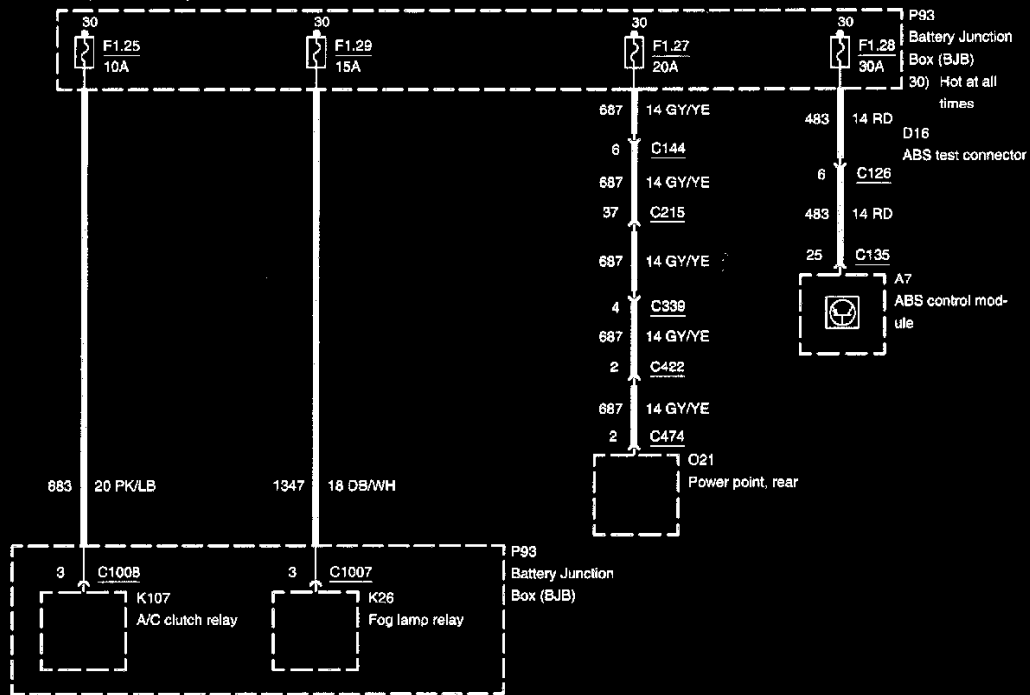
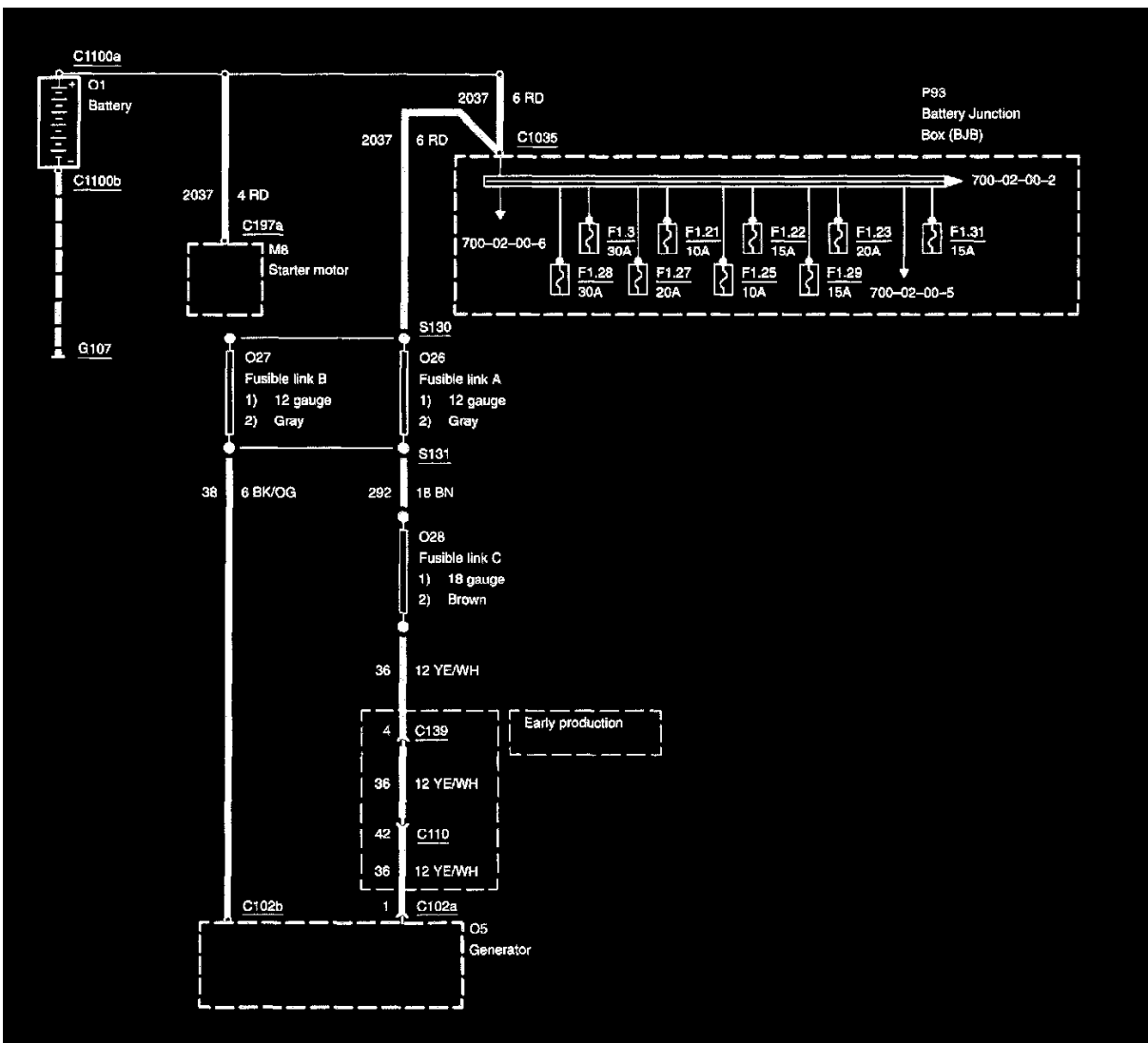
F1.25, F1.27, F1.28, F1.29

Diagram 700-03-00-5



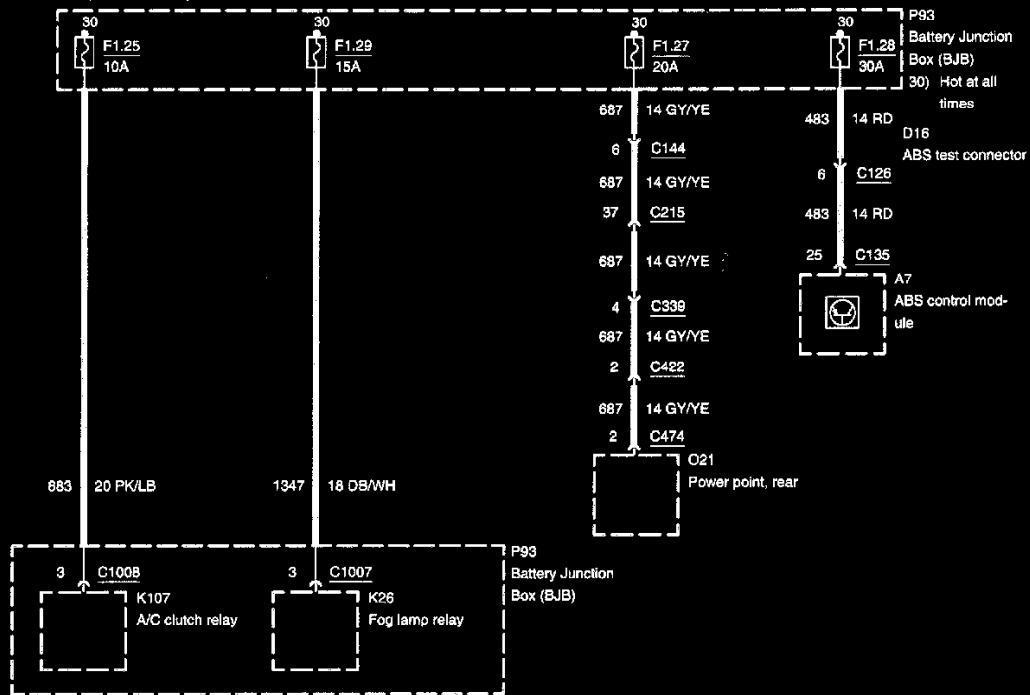
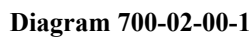
F1.25, F1.27, F1.28, F1.29

Diagram 700-03-00-5



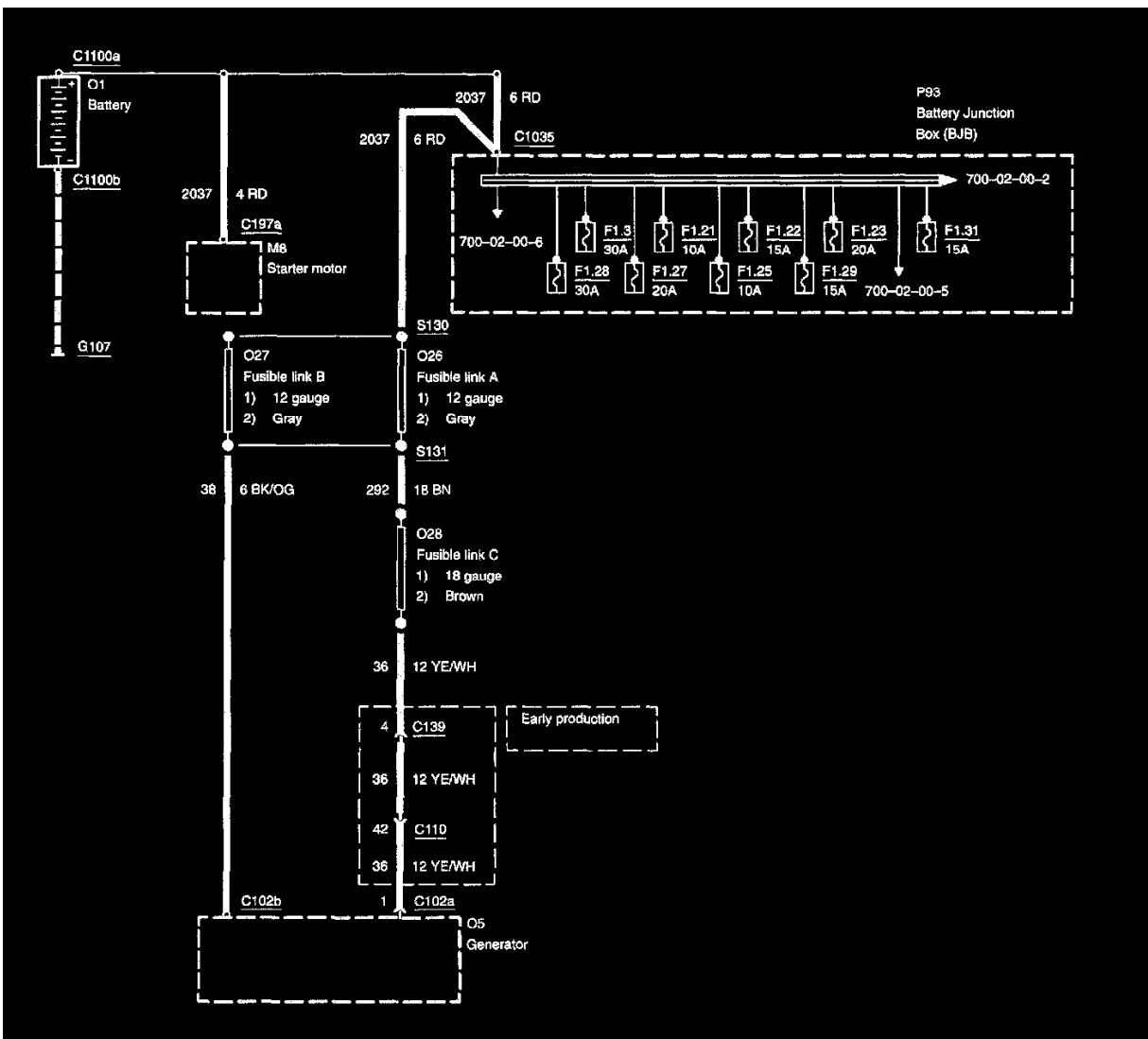


Diagram 700-02-00-1

F 1.33

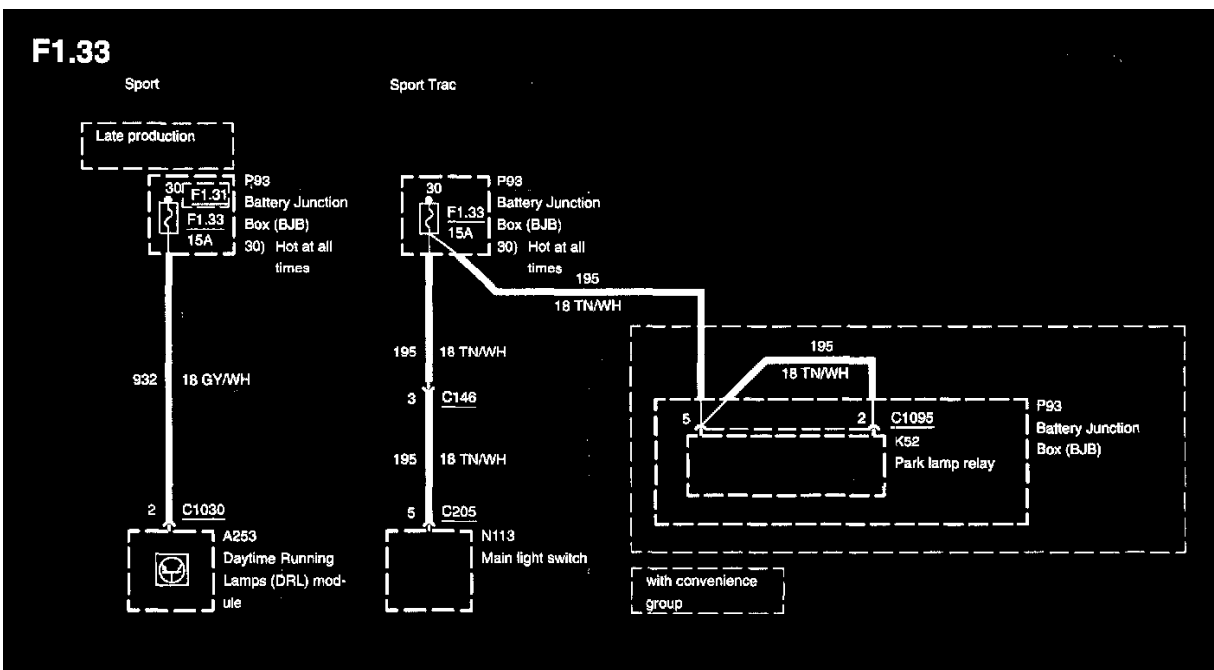


Diagram 700-03-00-7

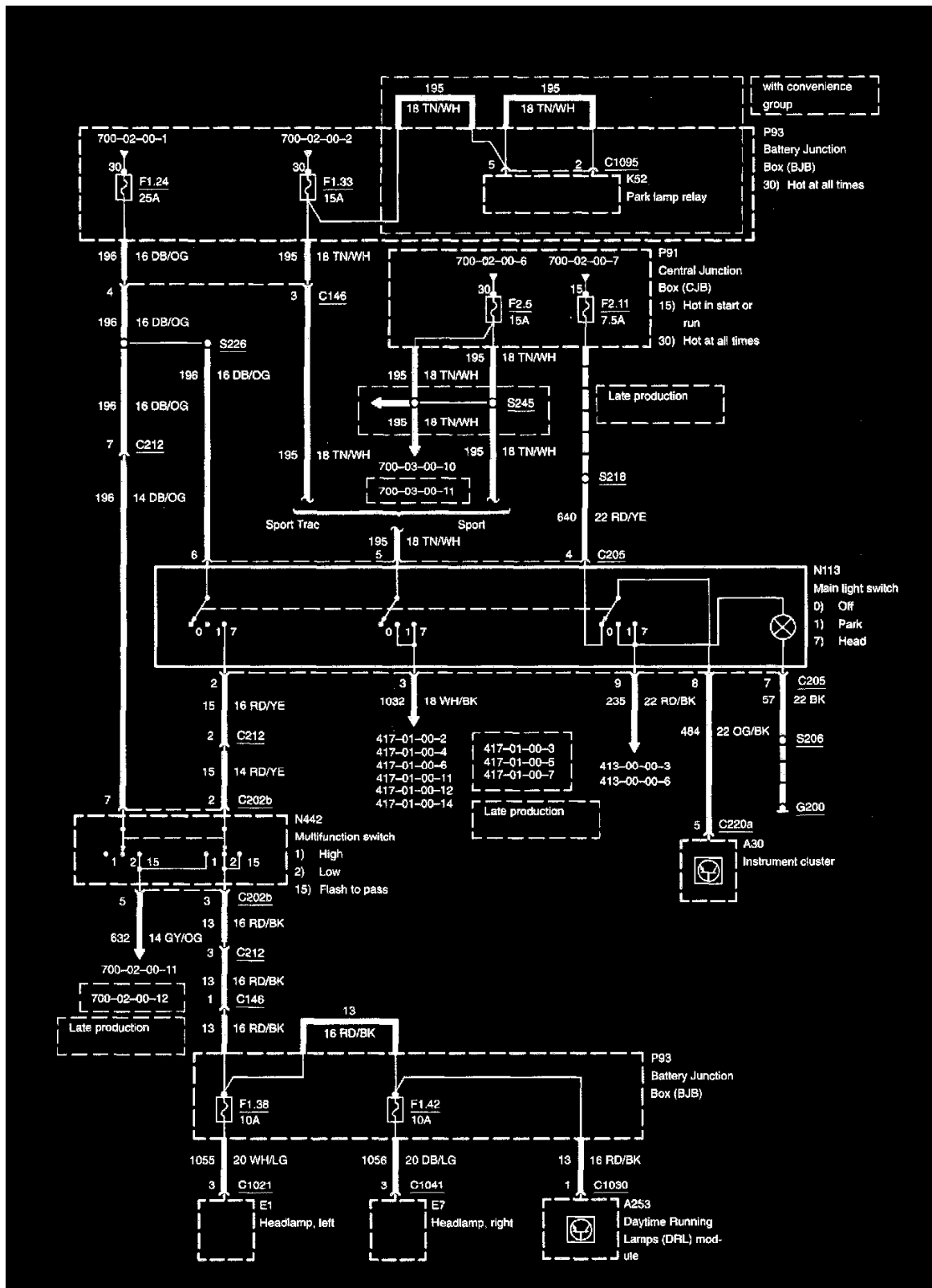


Diagram 700-02-00-5

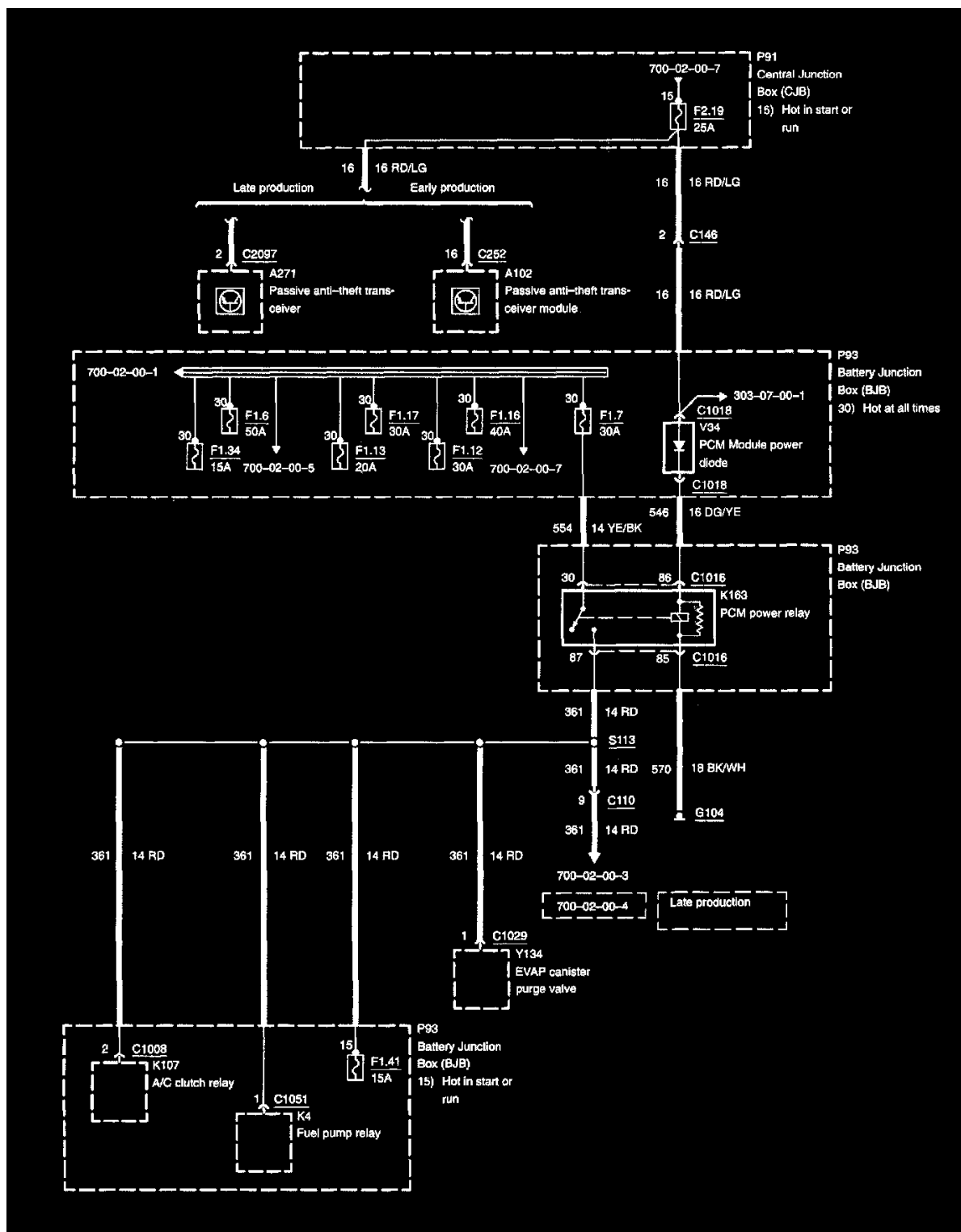


Diagram 700-02-00-2

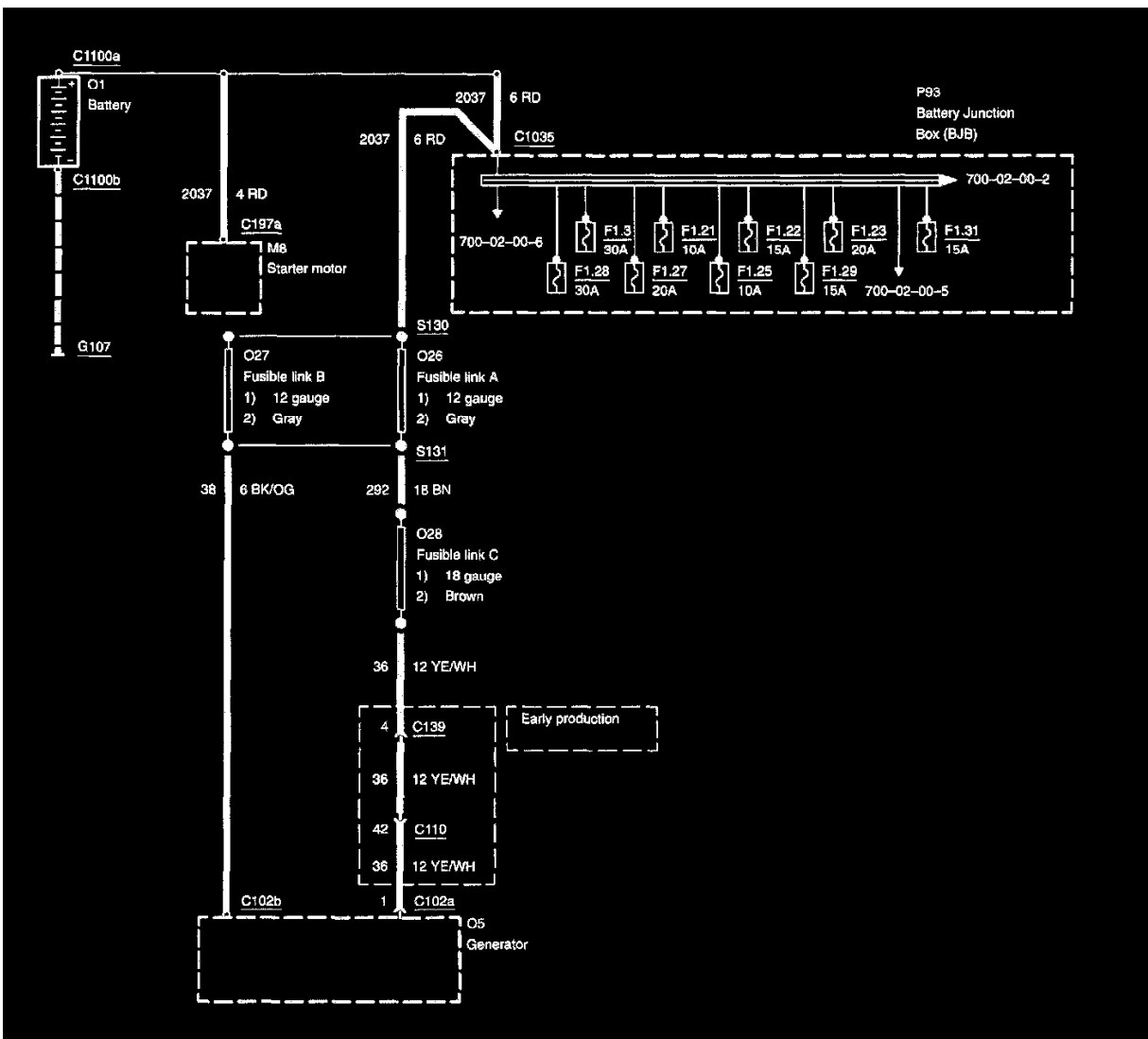


Diagram 700-02-00-1

F 1.34

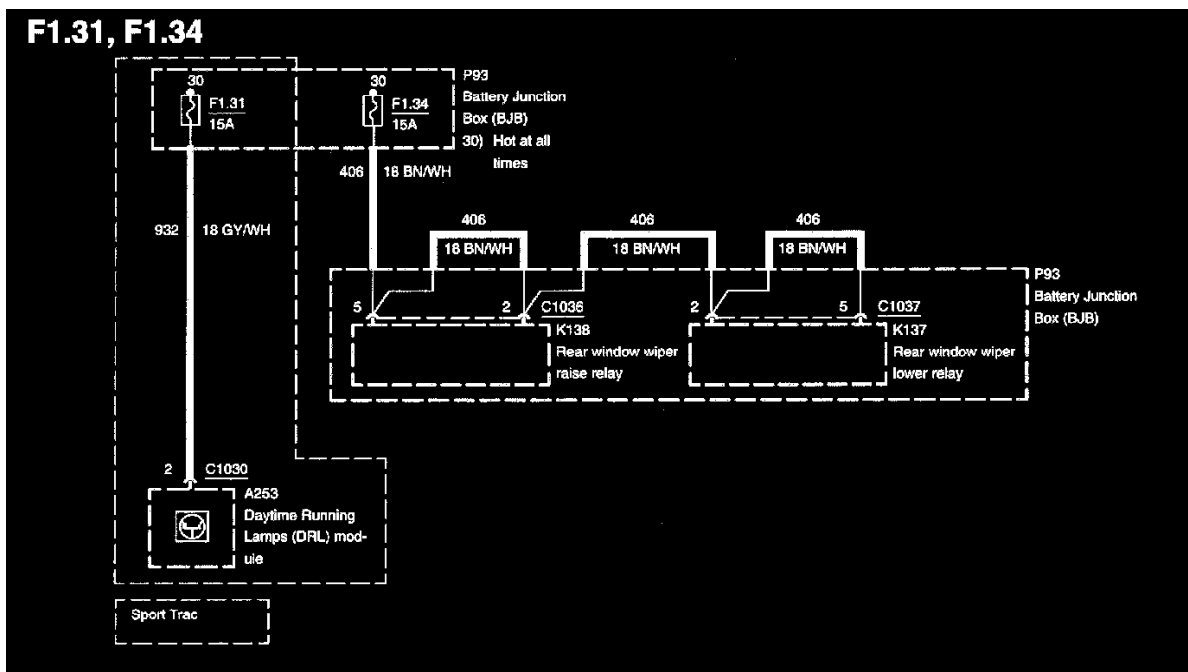
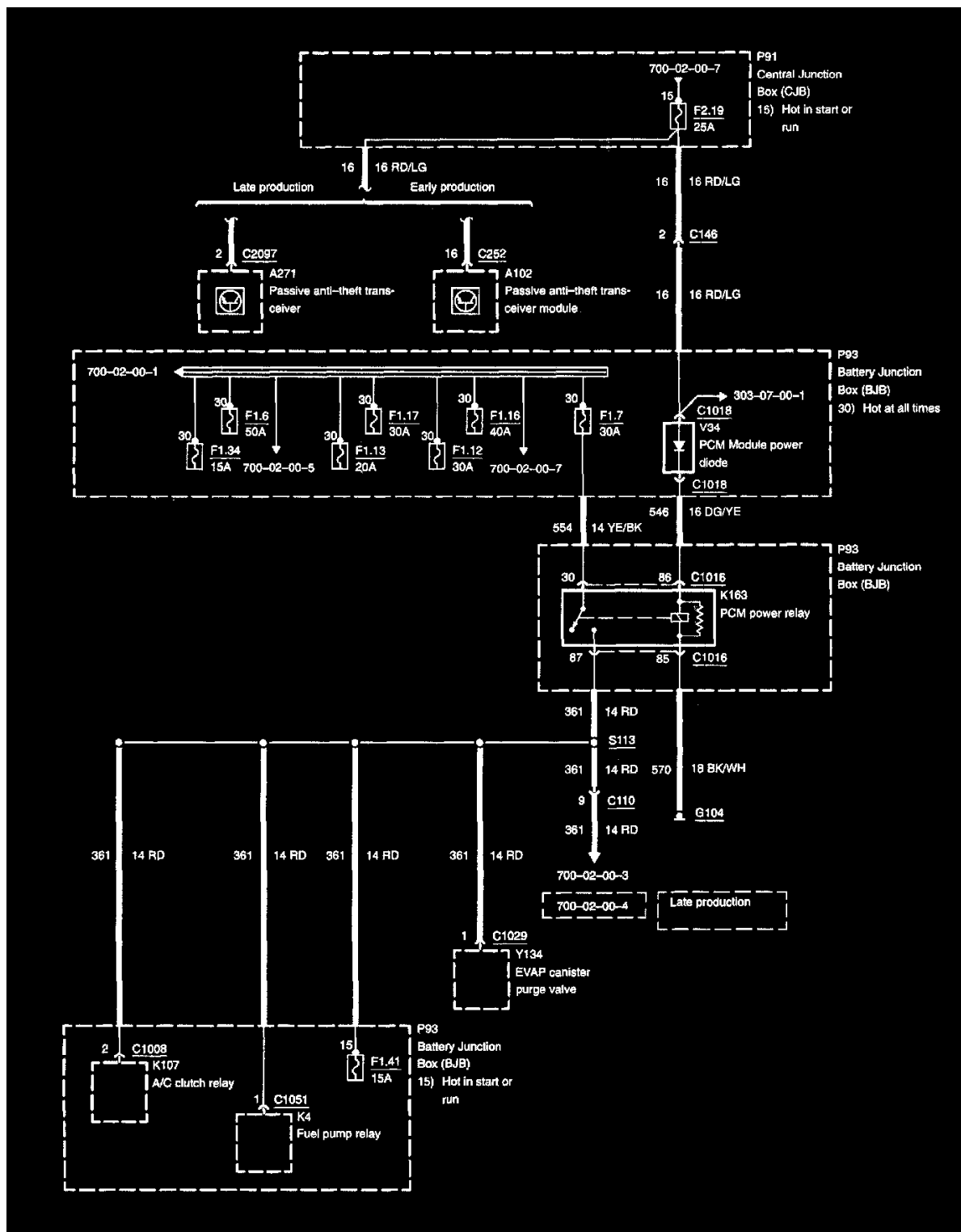


Diagram 700-02-00-2



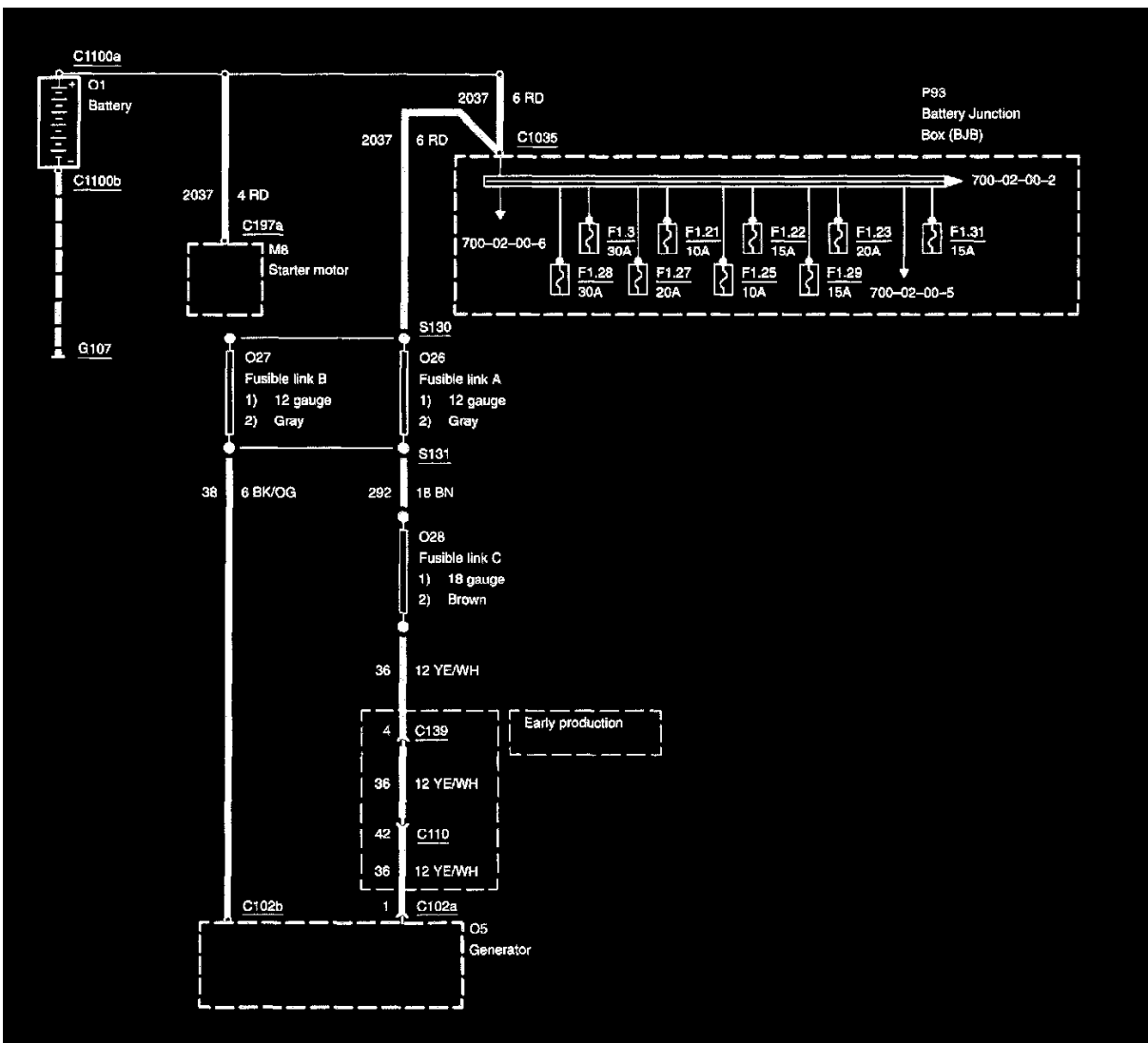


Diagram 700-02-00-1

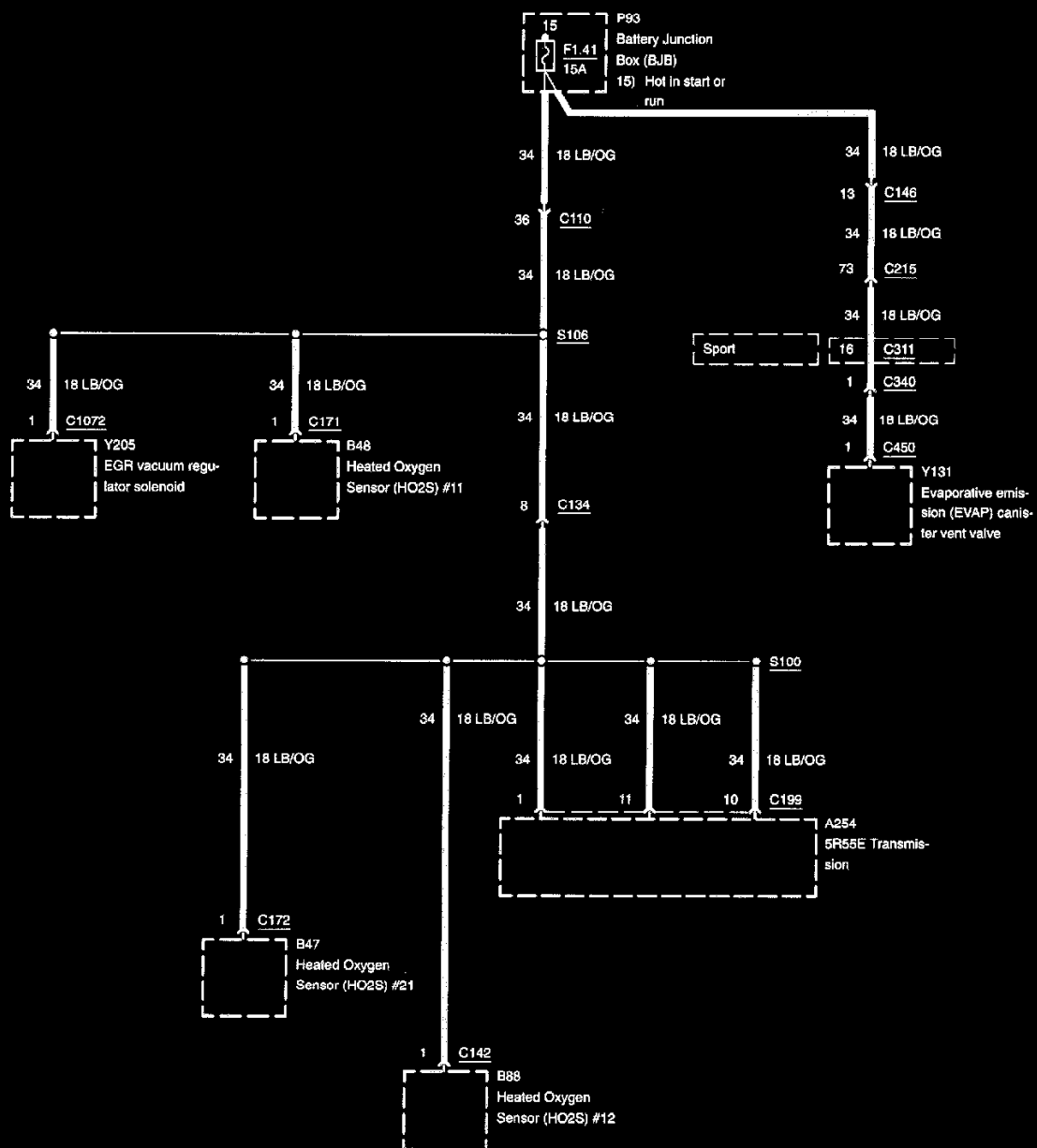
F1.41, Early production

Diagram 700-03-00-8

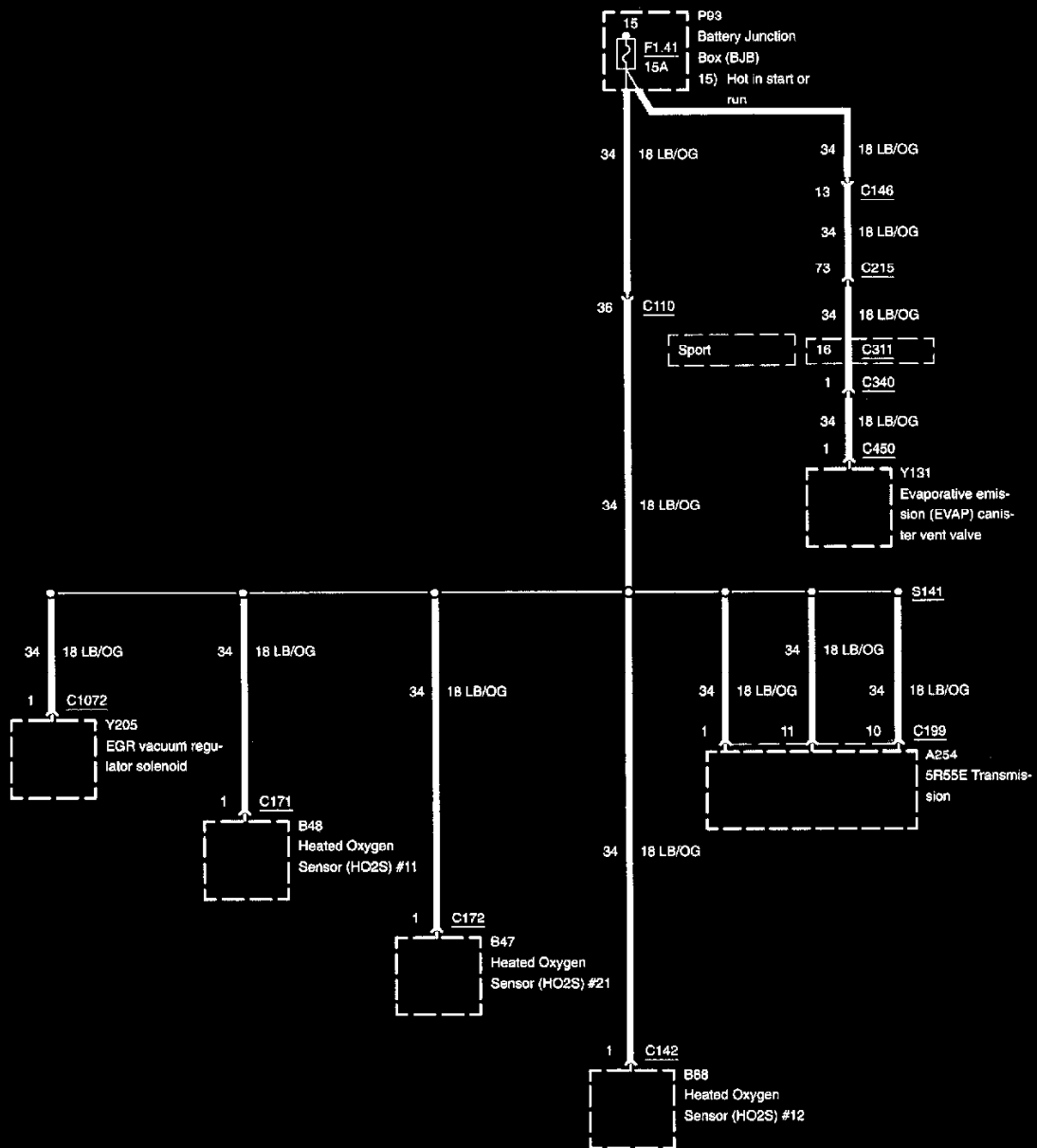
F1.41, Late production

Diagram 700-03-00-9



Diagram 700-02-00-2

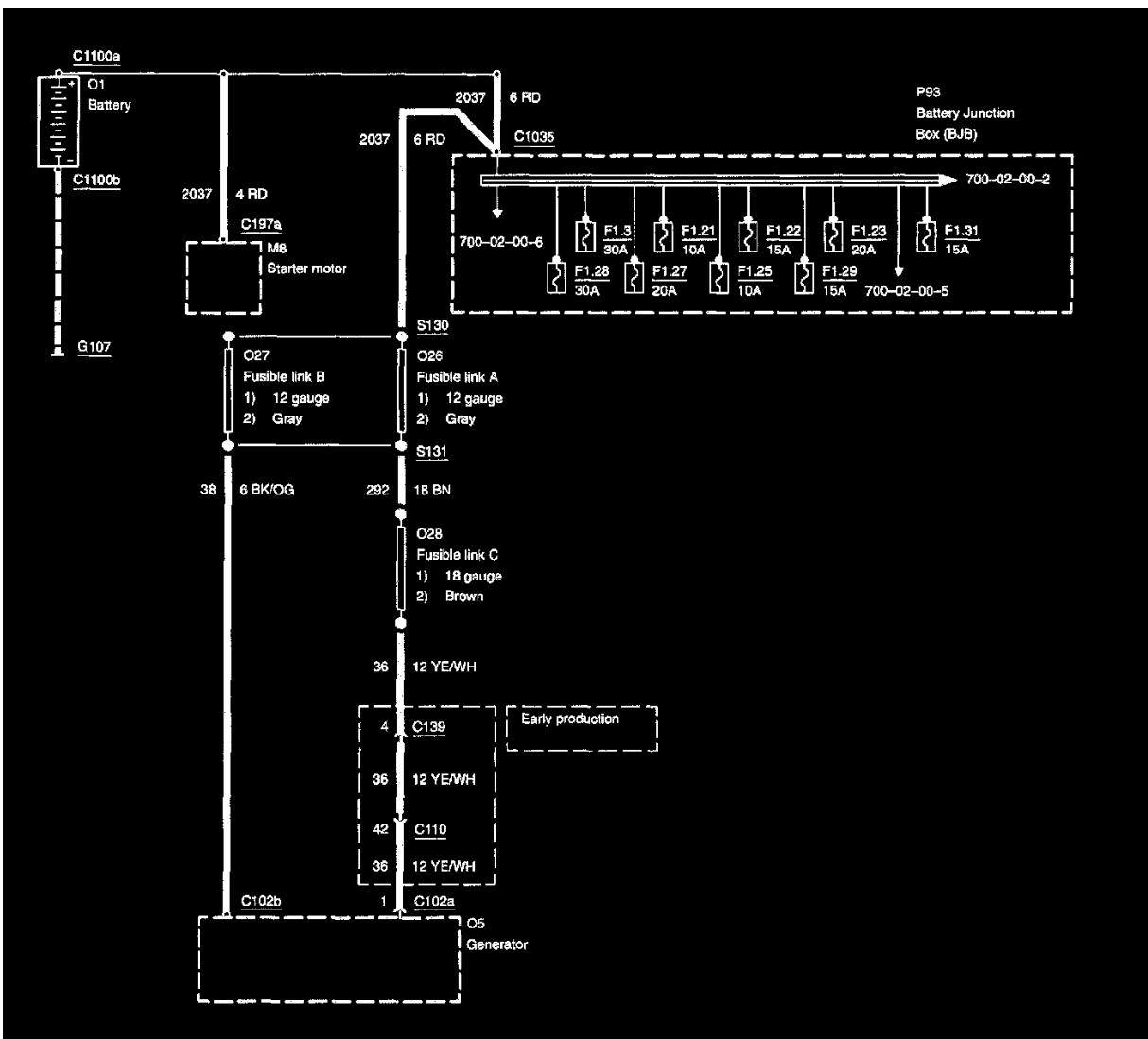


Diagram 700-02-00-1

F 2.1

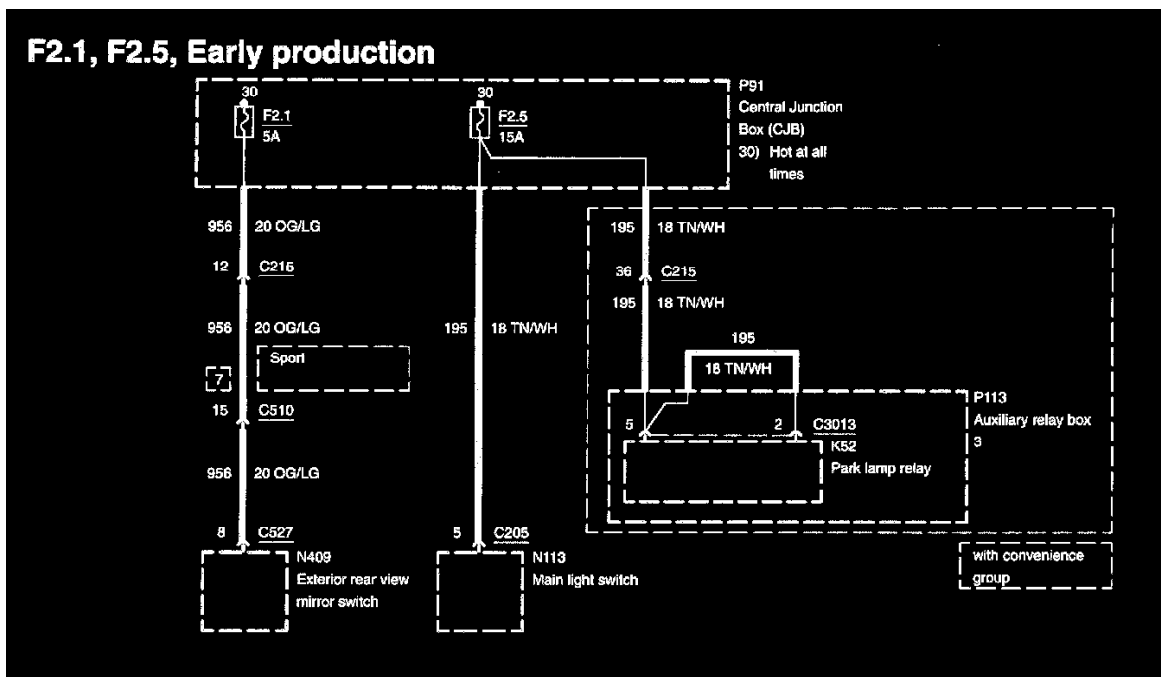


Diagram 700-03-00-10

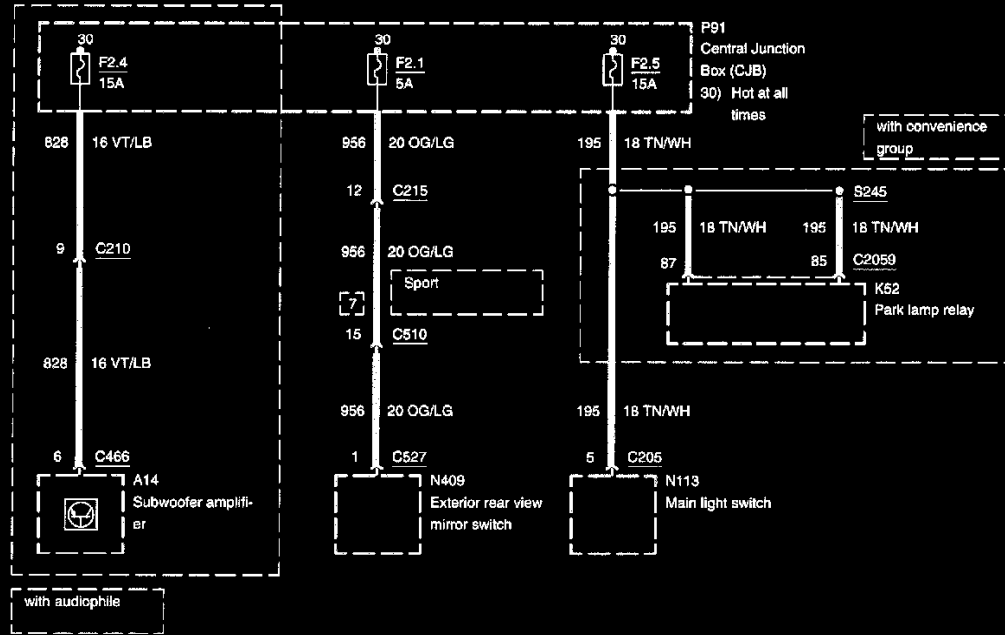
F2.1, F2.4, F2.5, Late production

Diagram 700-03-00-11

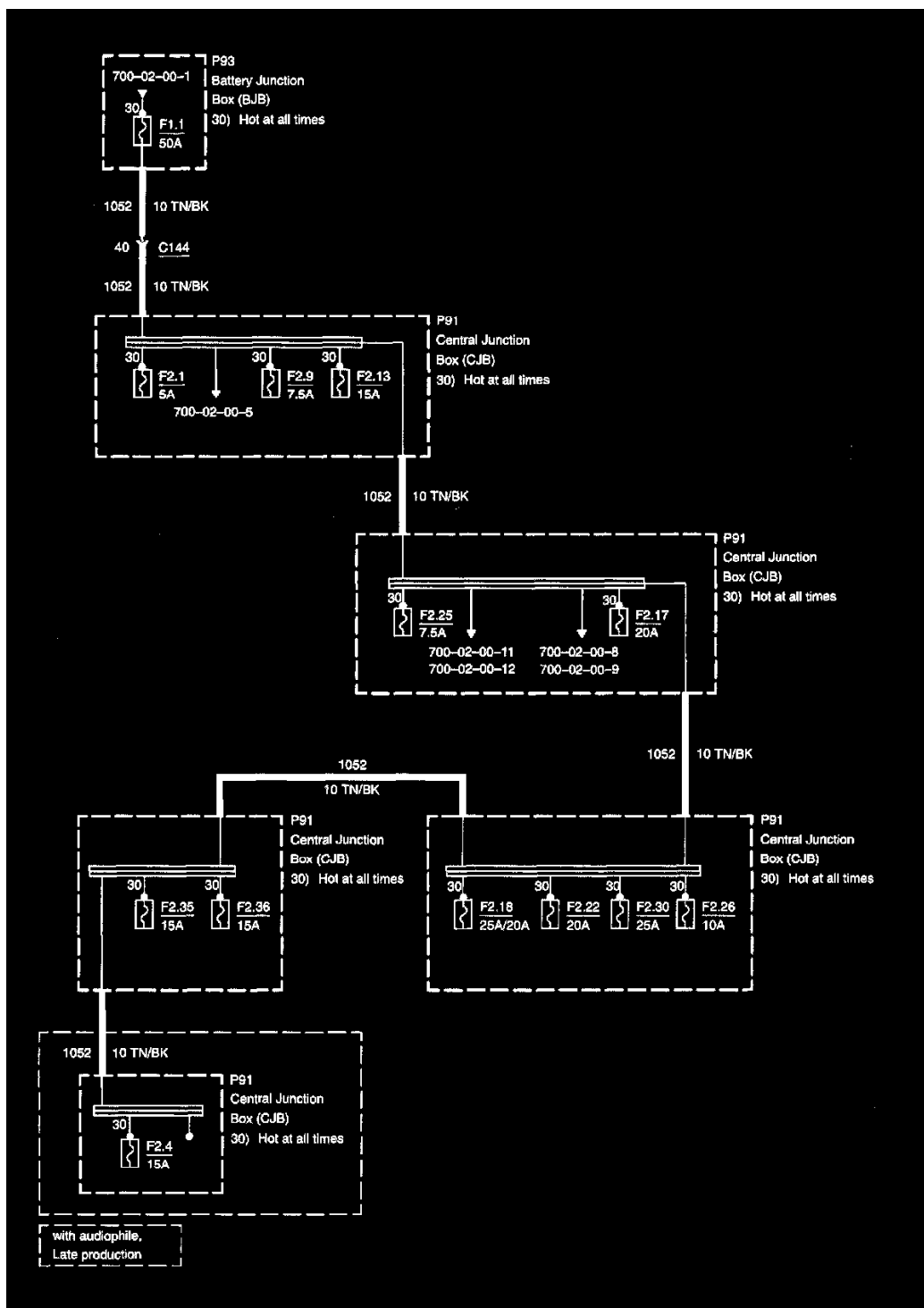


Diagram 700-02-00-6

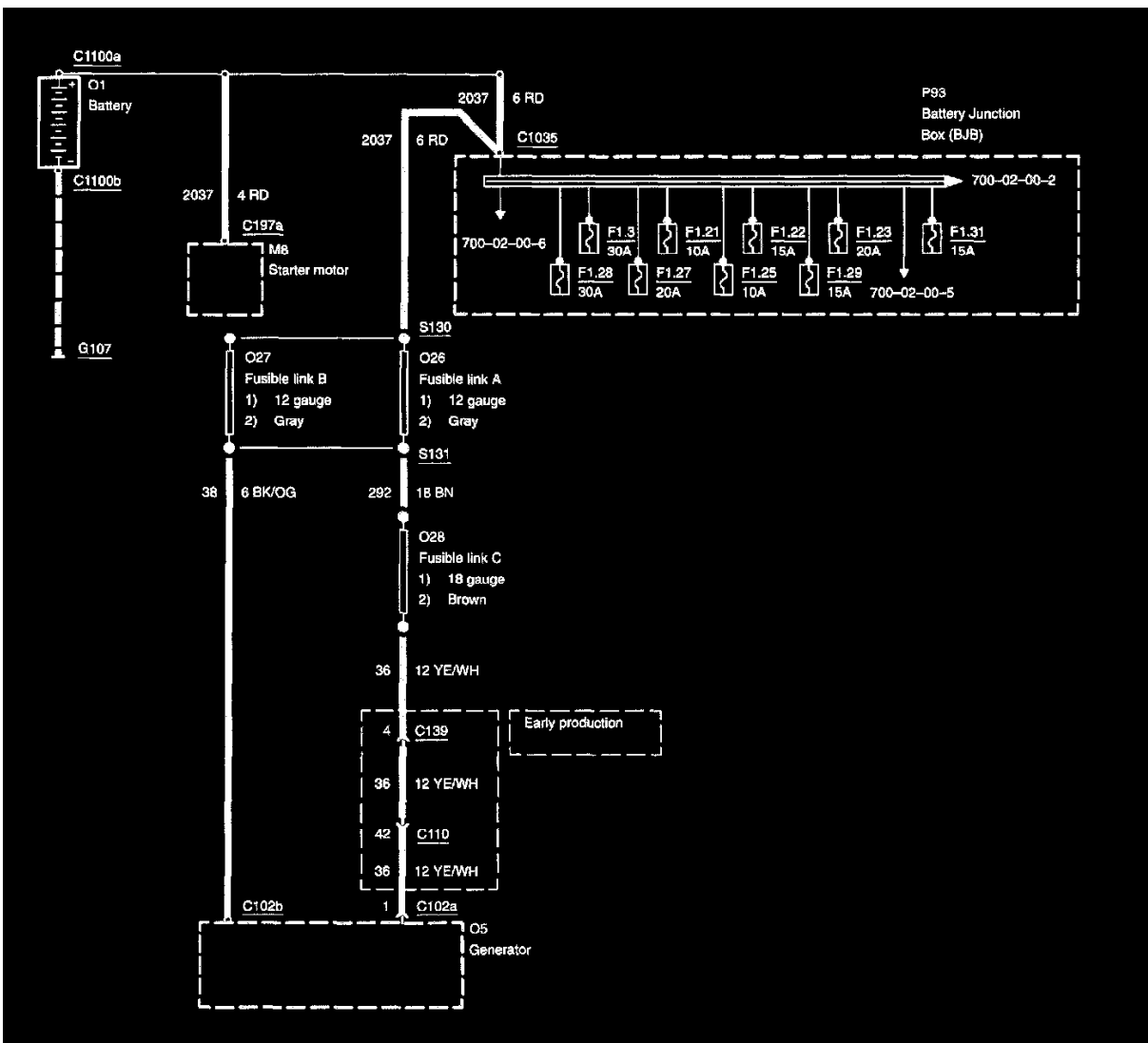
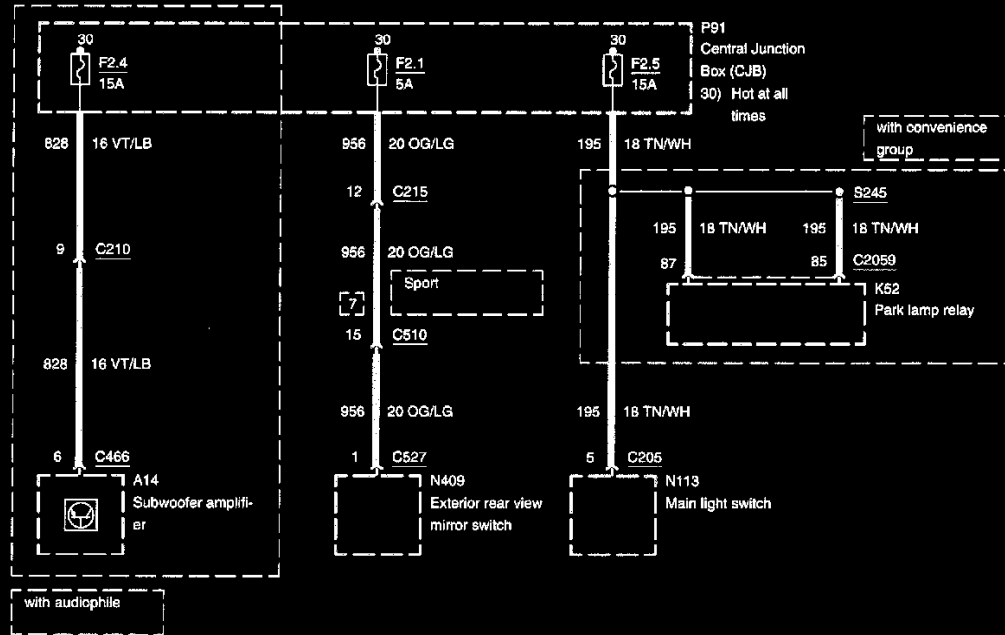


Diagram 700-02-00-1

F2.1, F2.4, F2.5, Late production**Diagram 700-03-00-11**

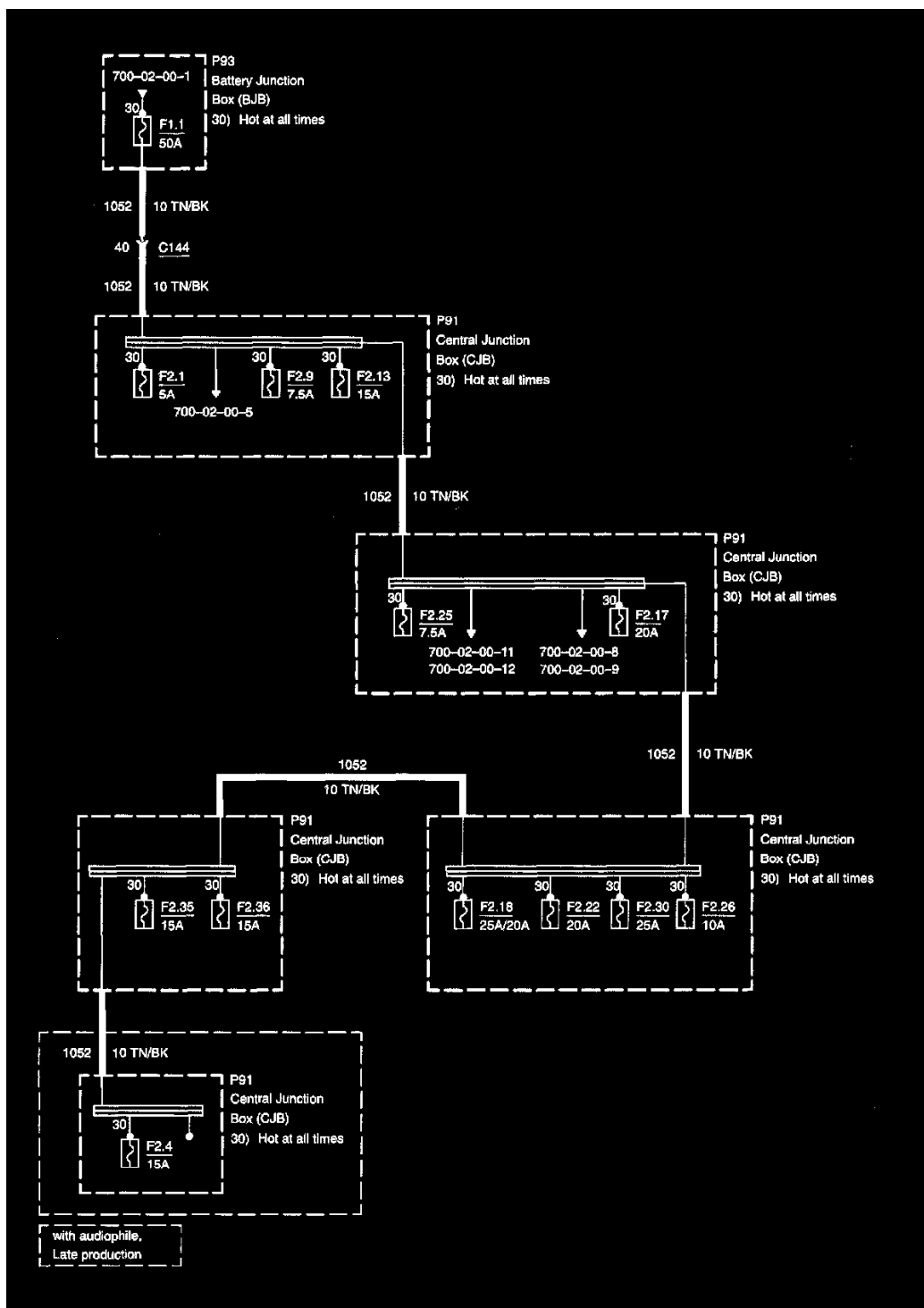


Diagram 700-02-00-6

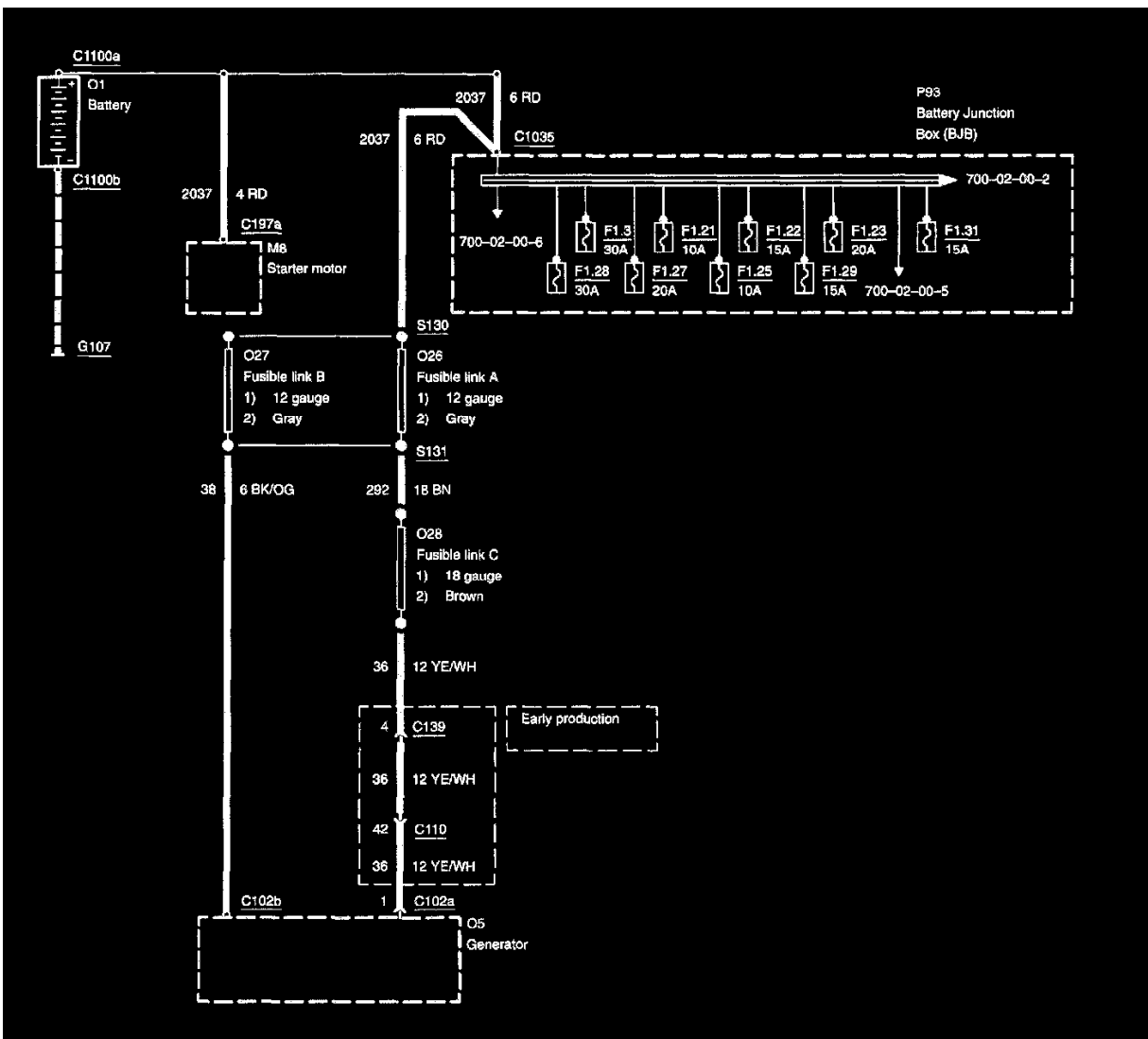


Diagram 700-02-00-1

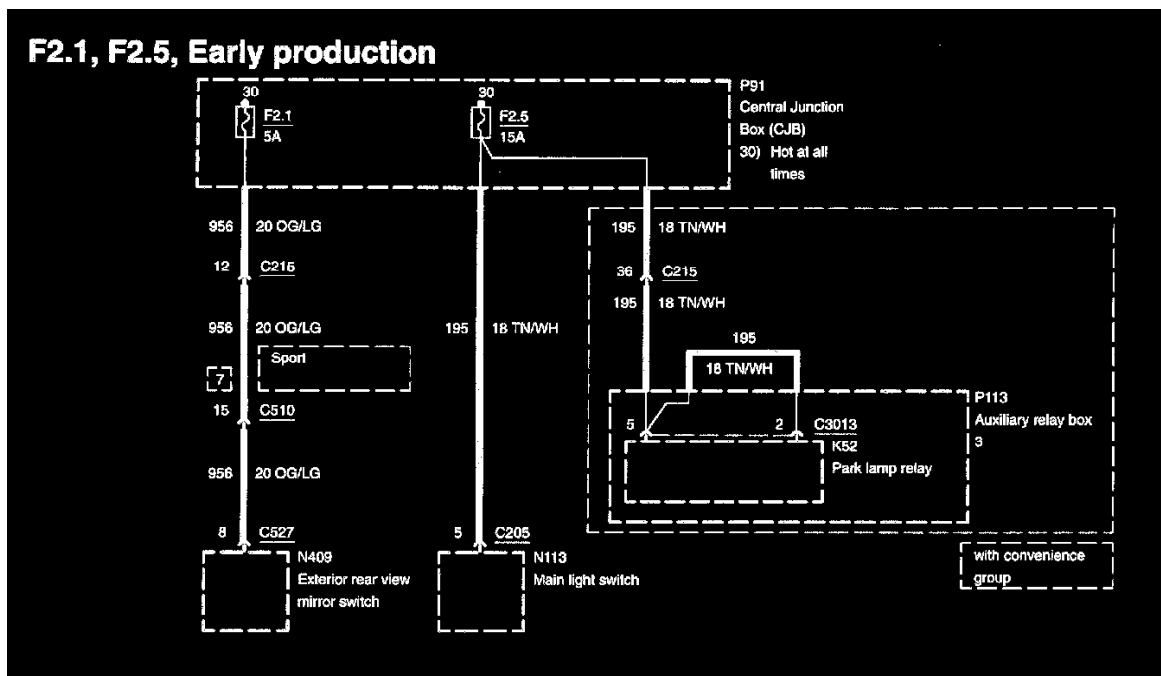


Diagram 700-03-00-10

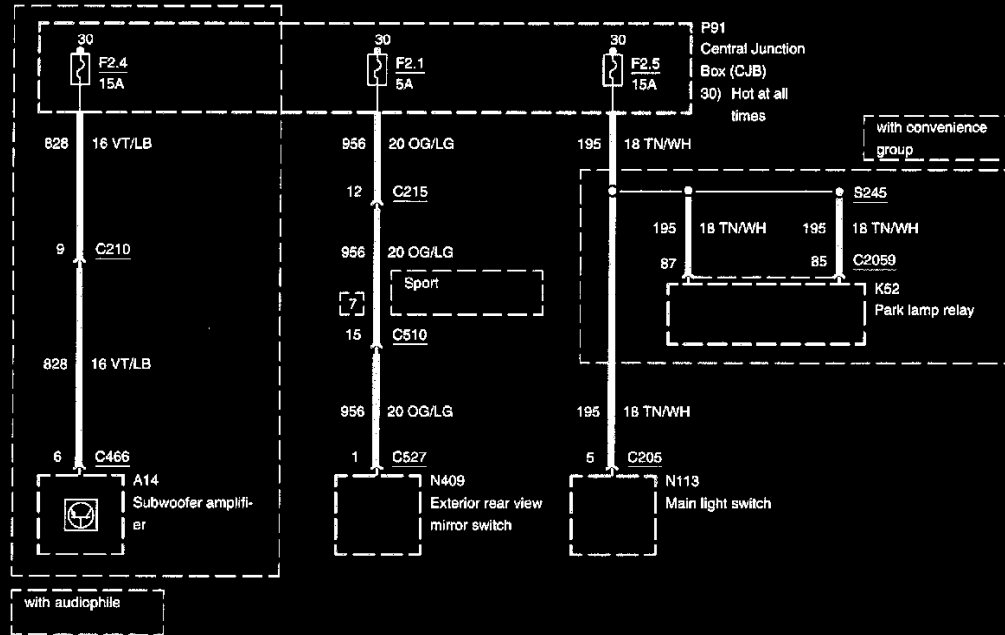
F2.1, F2.4, F2.5, Late production

Diagram 700-03-00-11

F 2.6

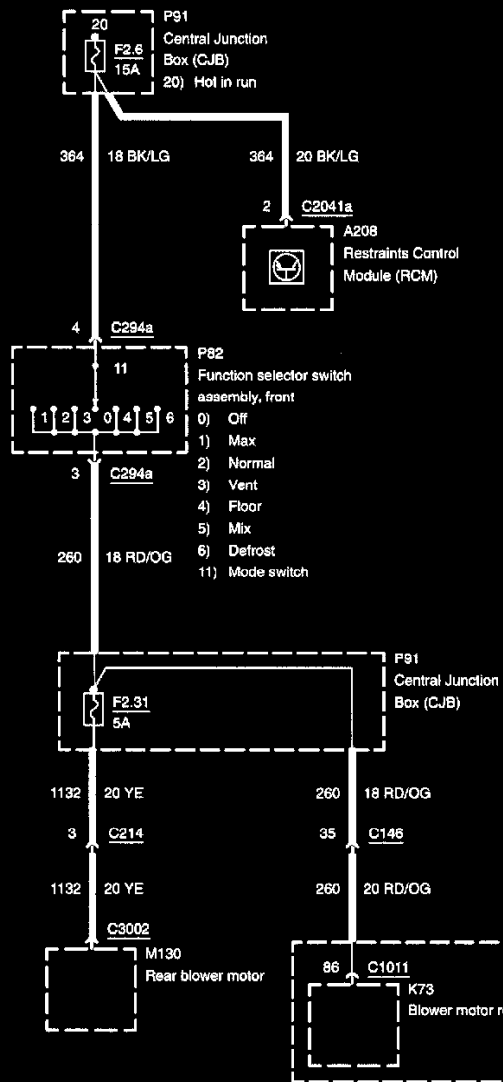
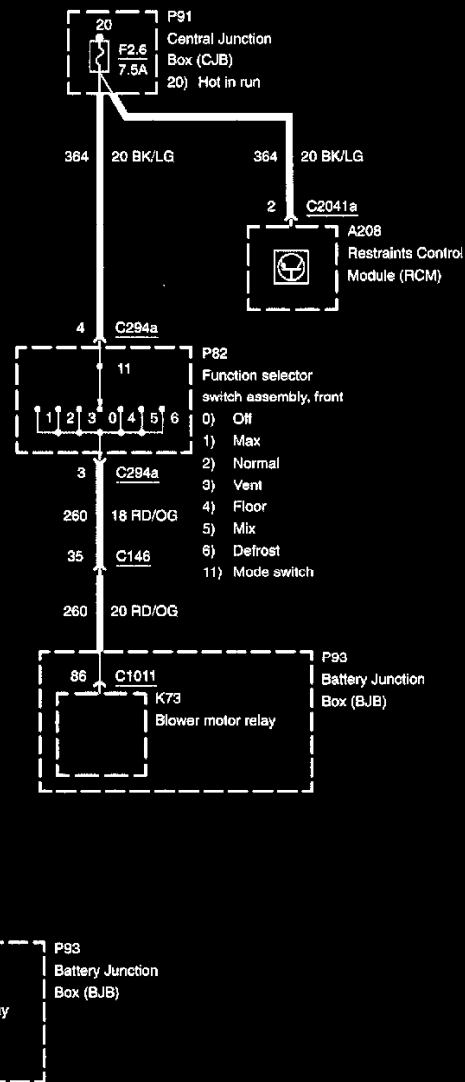
F2.6, F2.31With high series
center consoleWithout high series
center console

Diagram 700-03-00-12

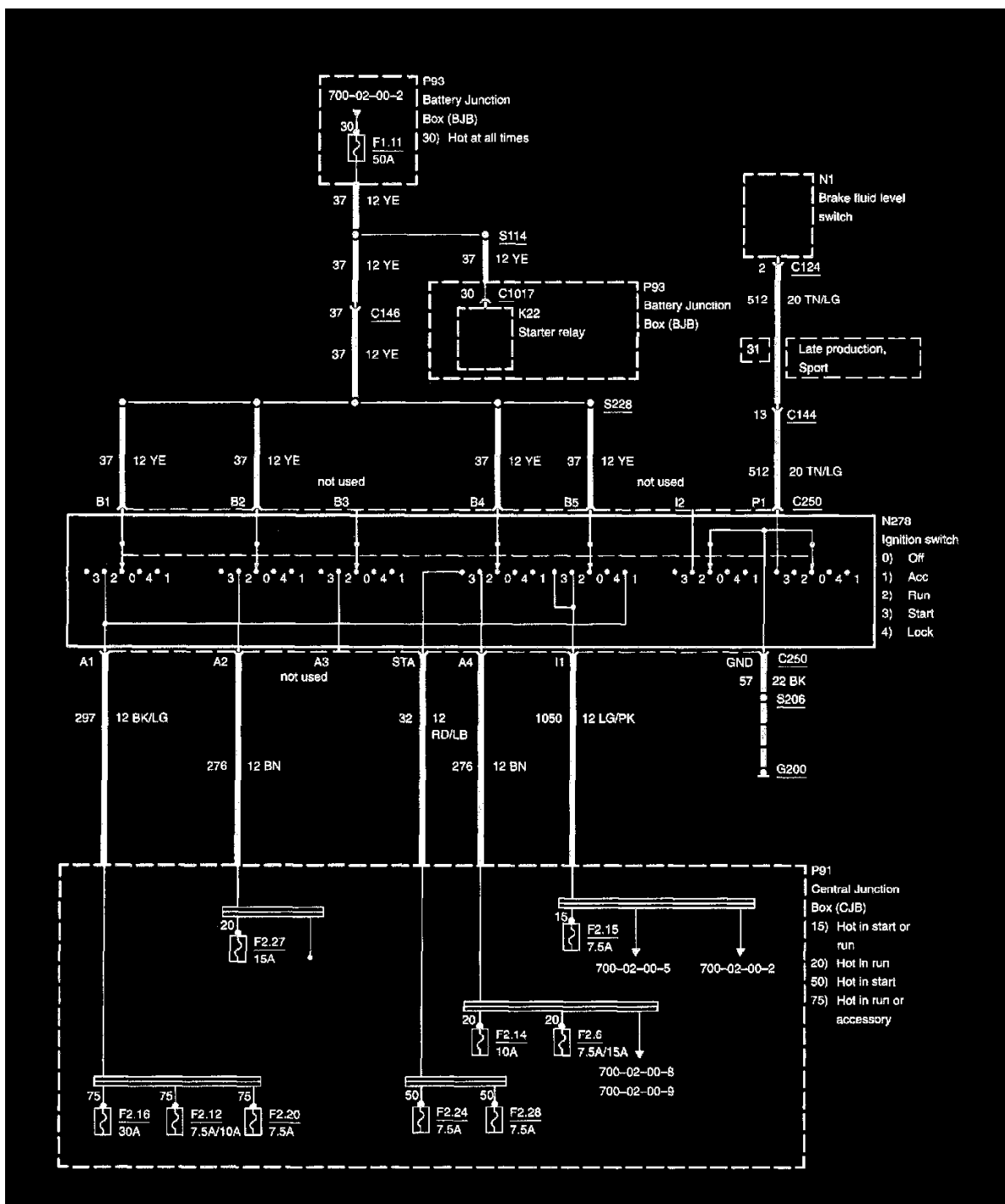


Diagram 700-02-00-7

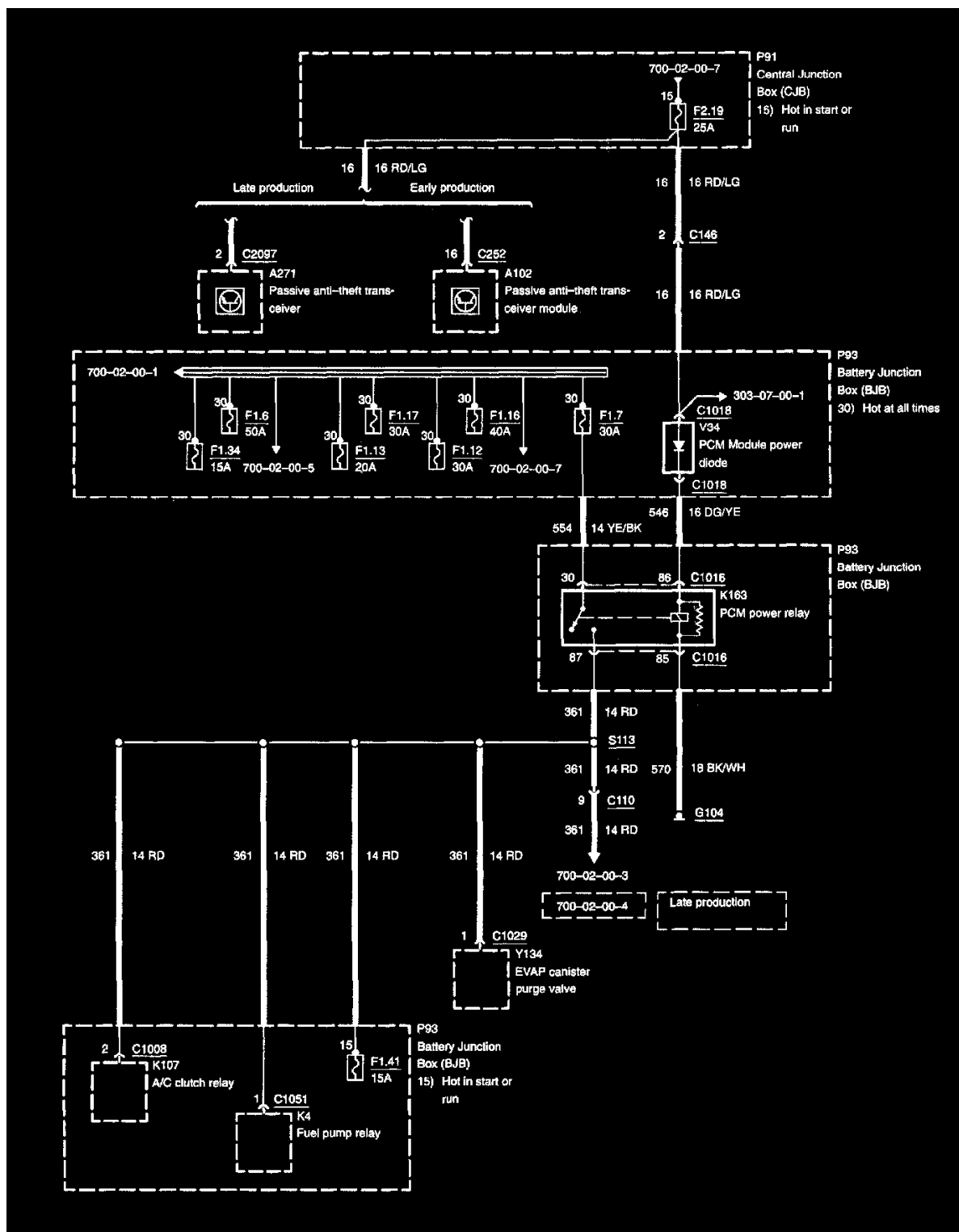


Diagram 700-02-00-2

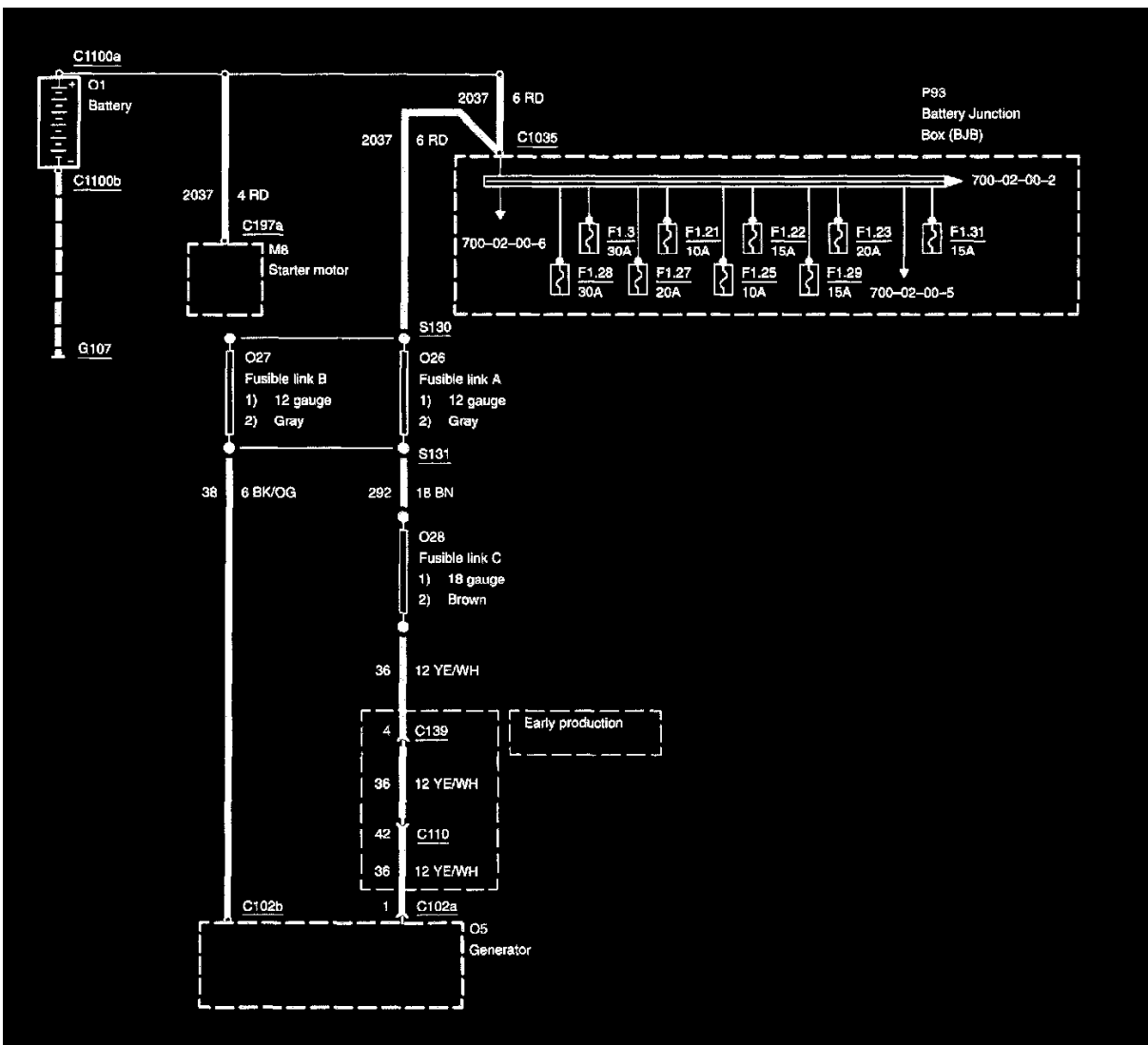


Diagram 700-02-00-1

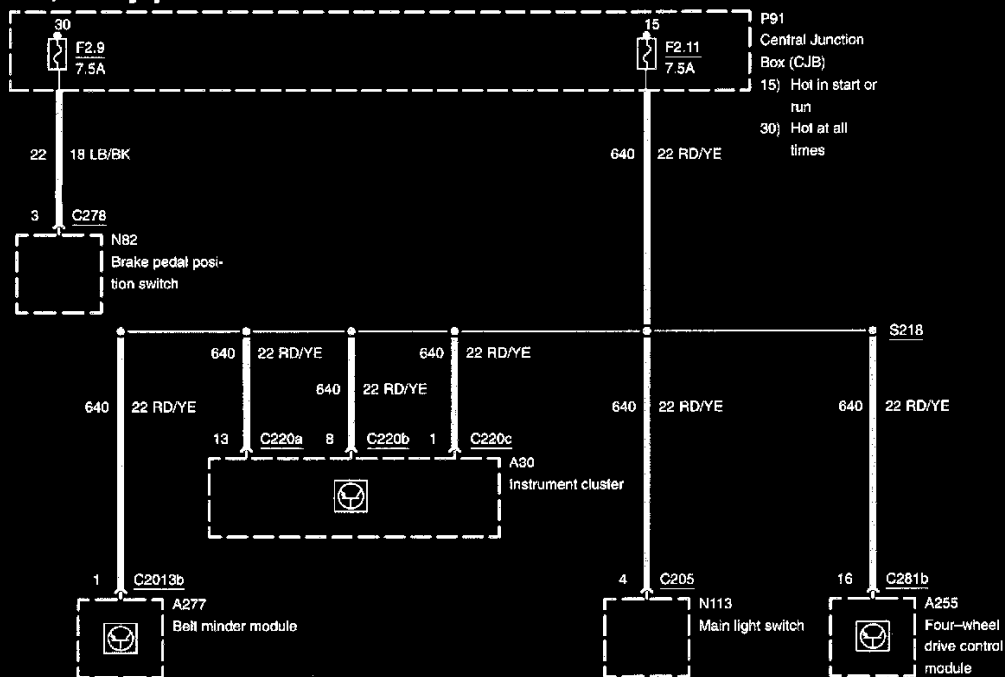
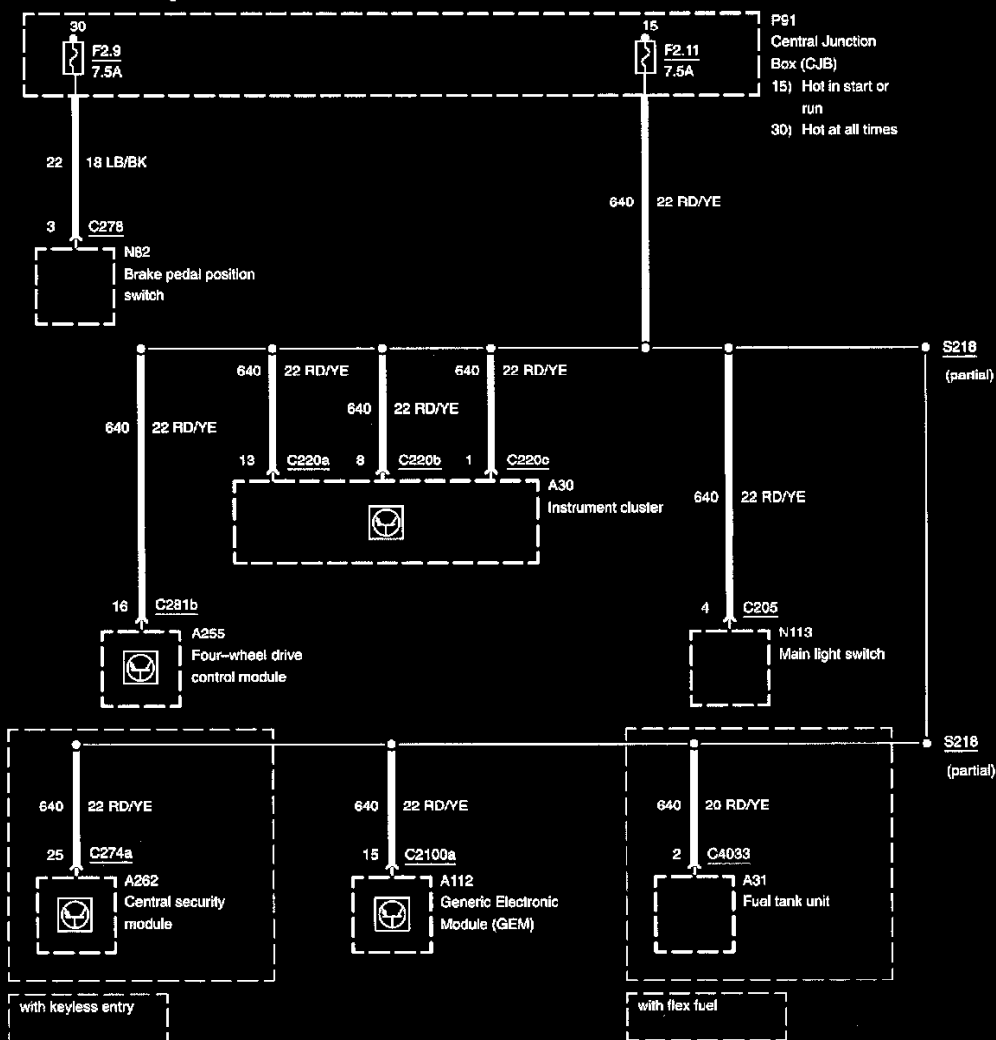
F2.9, F2.11, Early production

Diagram 700-03-00-13

F2.9, F2.11, Late production**Diagram 700-03-00-14**

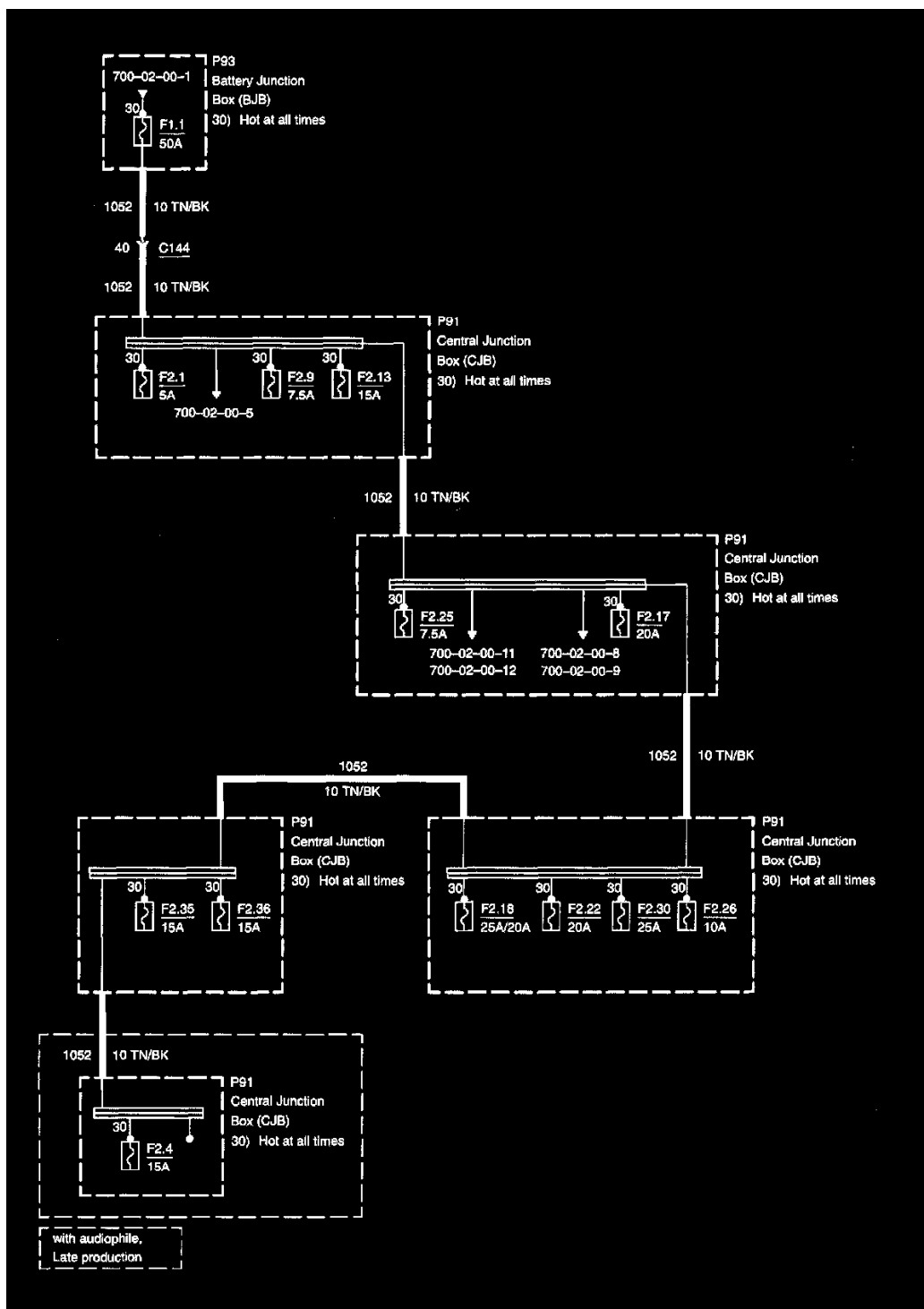
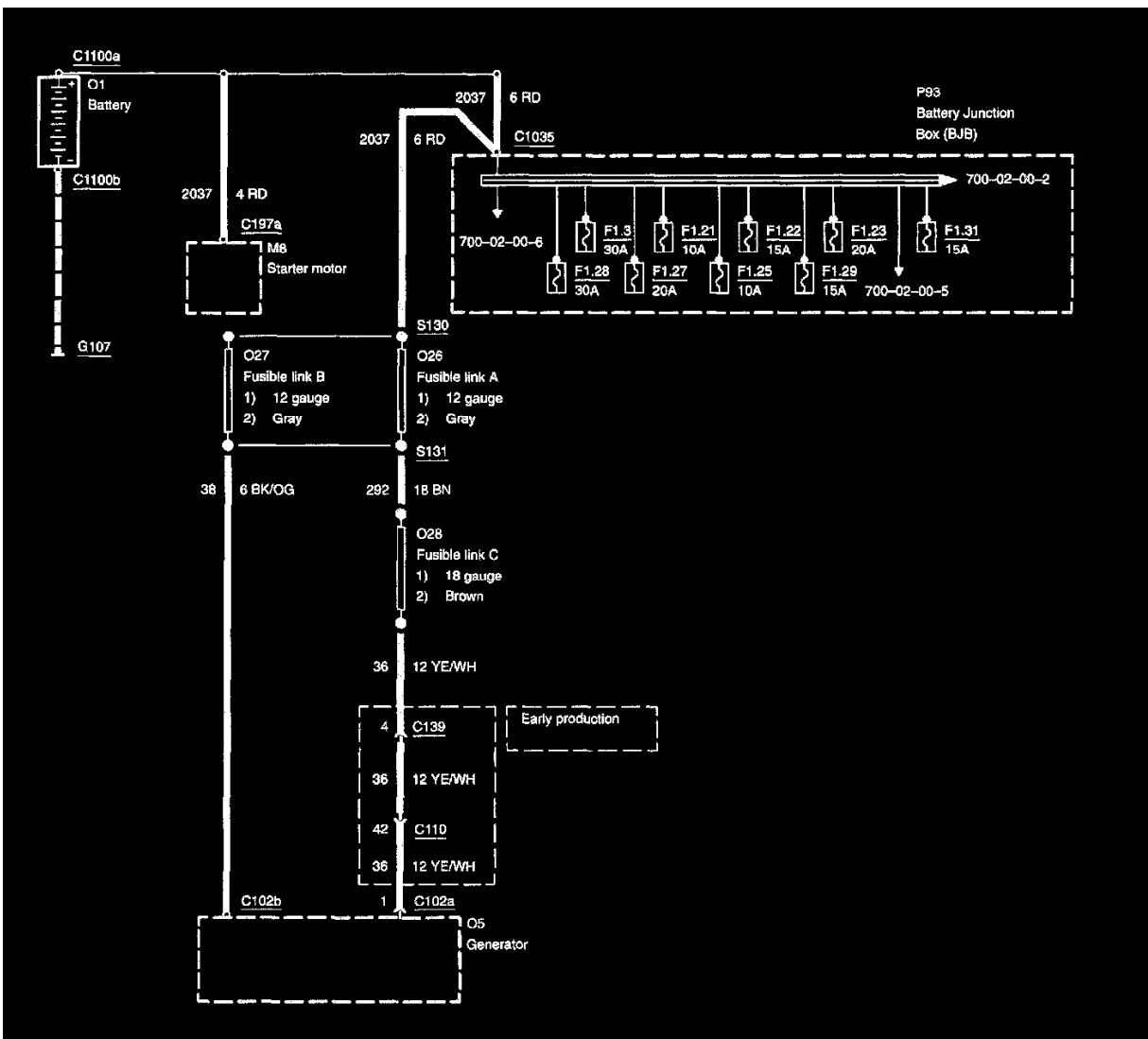


Diagram 700-02-00-6



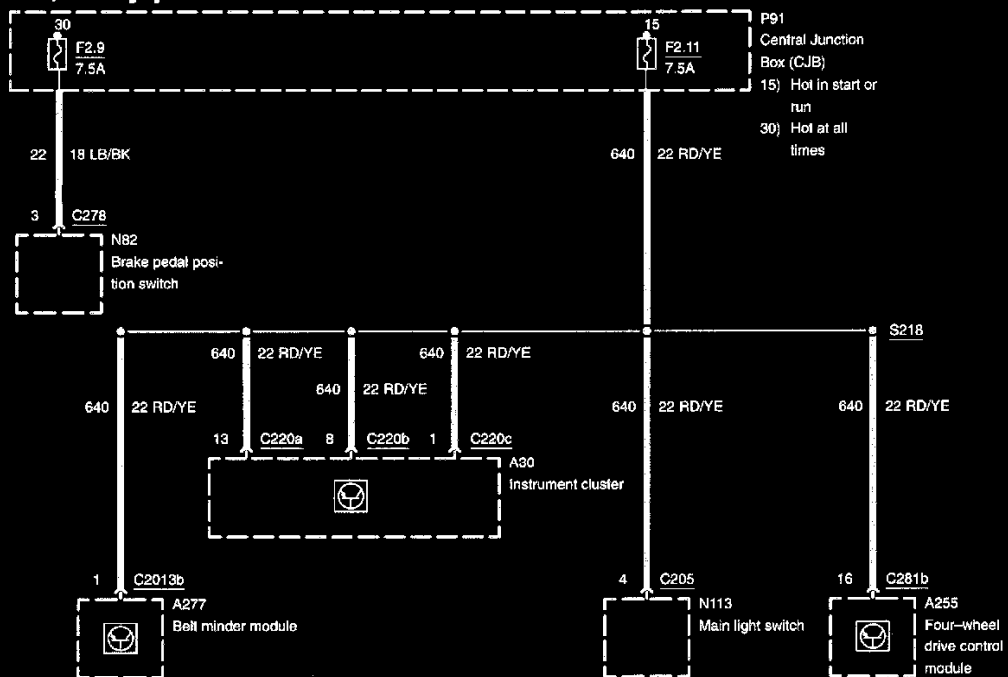
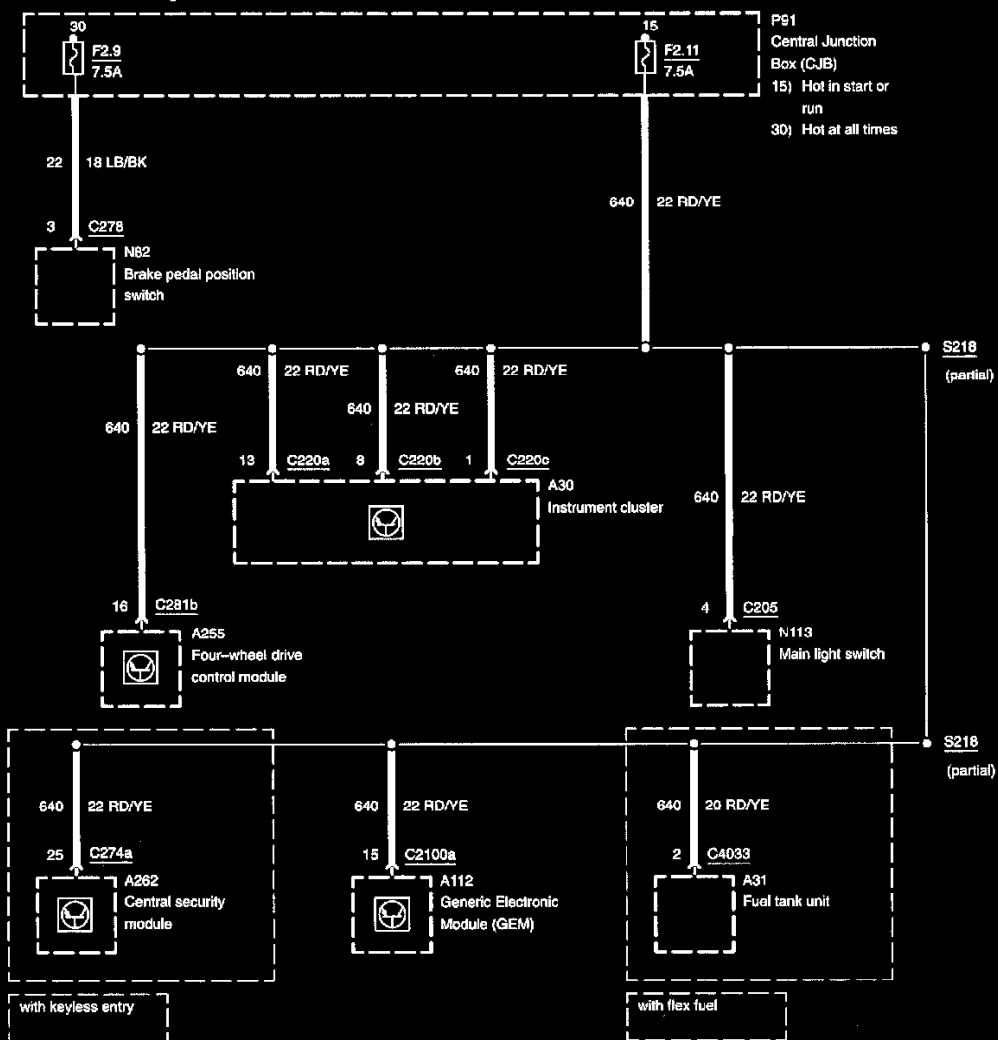
F2.9, F2.11, Early production

Diagram 700-03-00-13

F2.9, F2.11, Late production**Diagram 700-03-00-14**



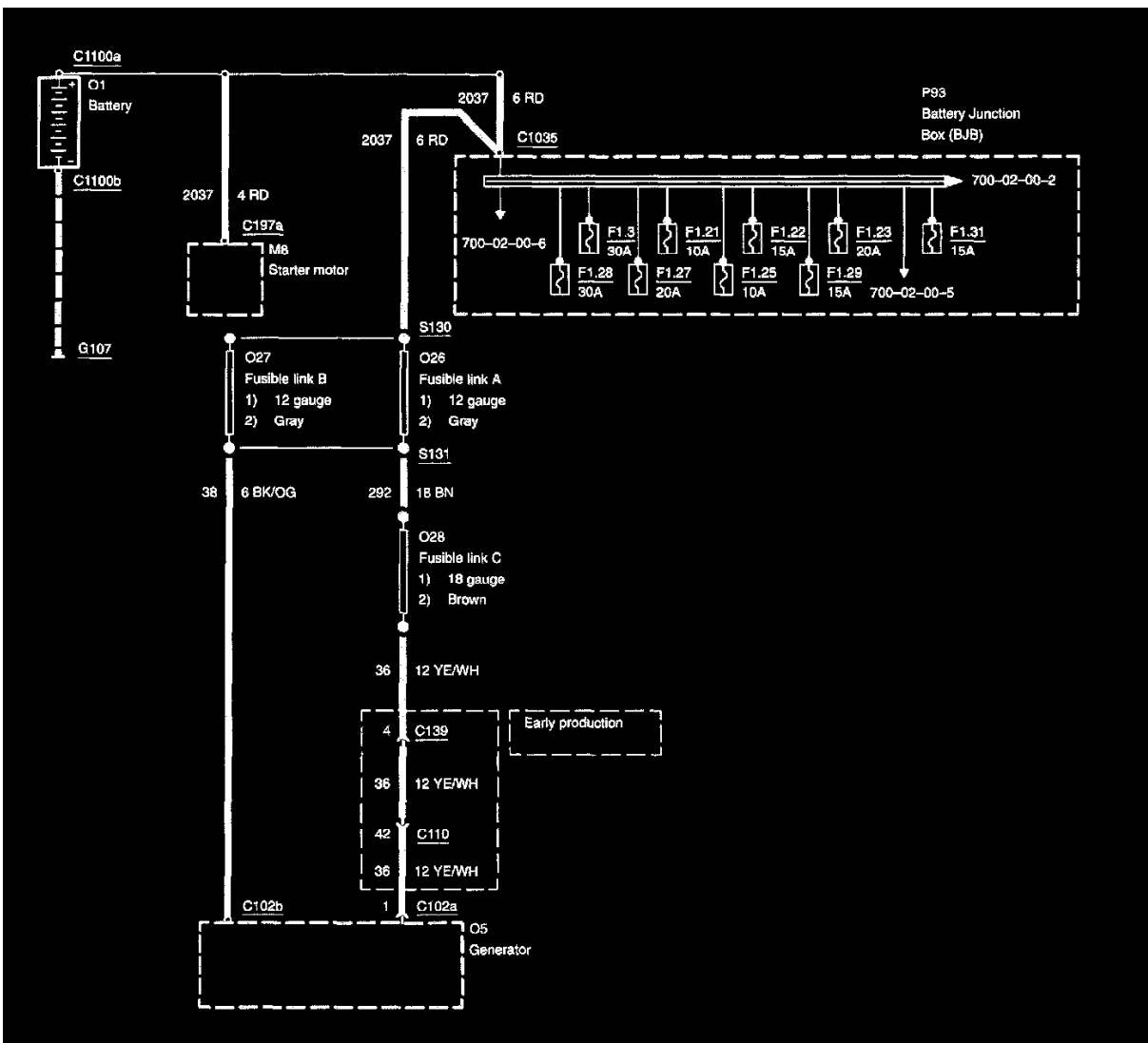


Diagram 700-02-00-1

F 2.12

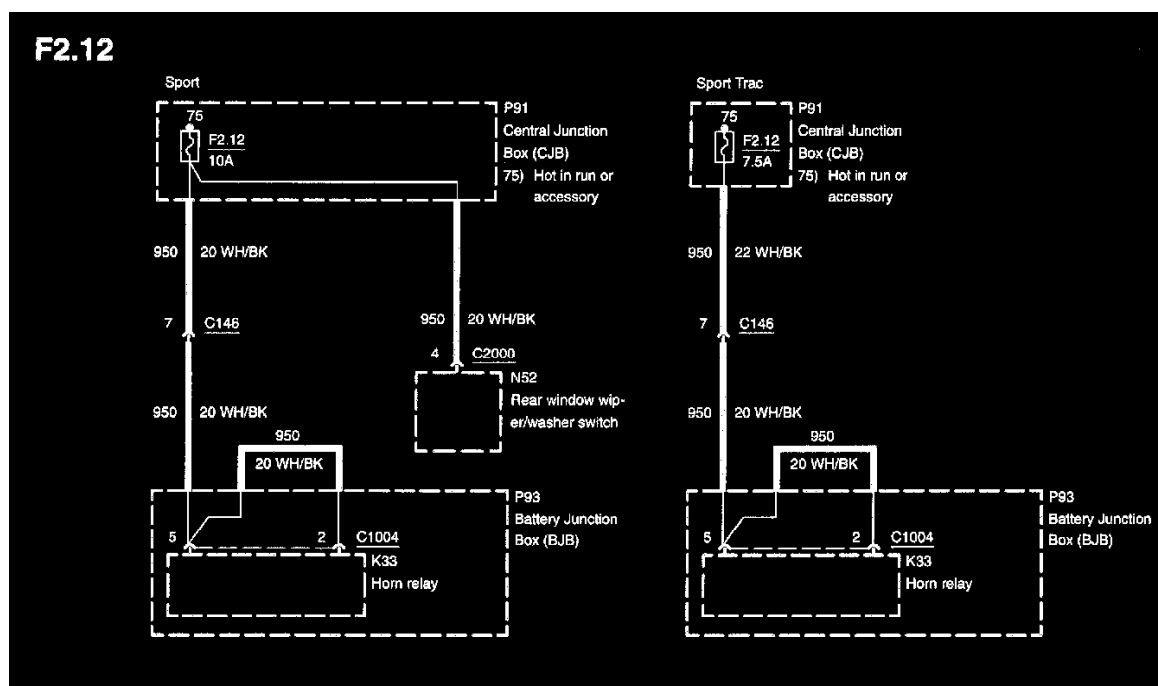
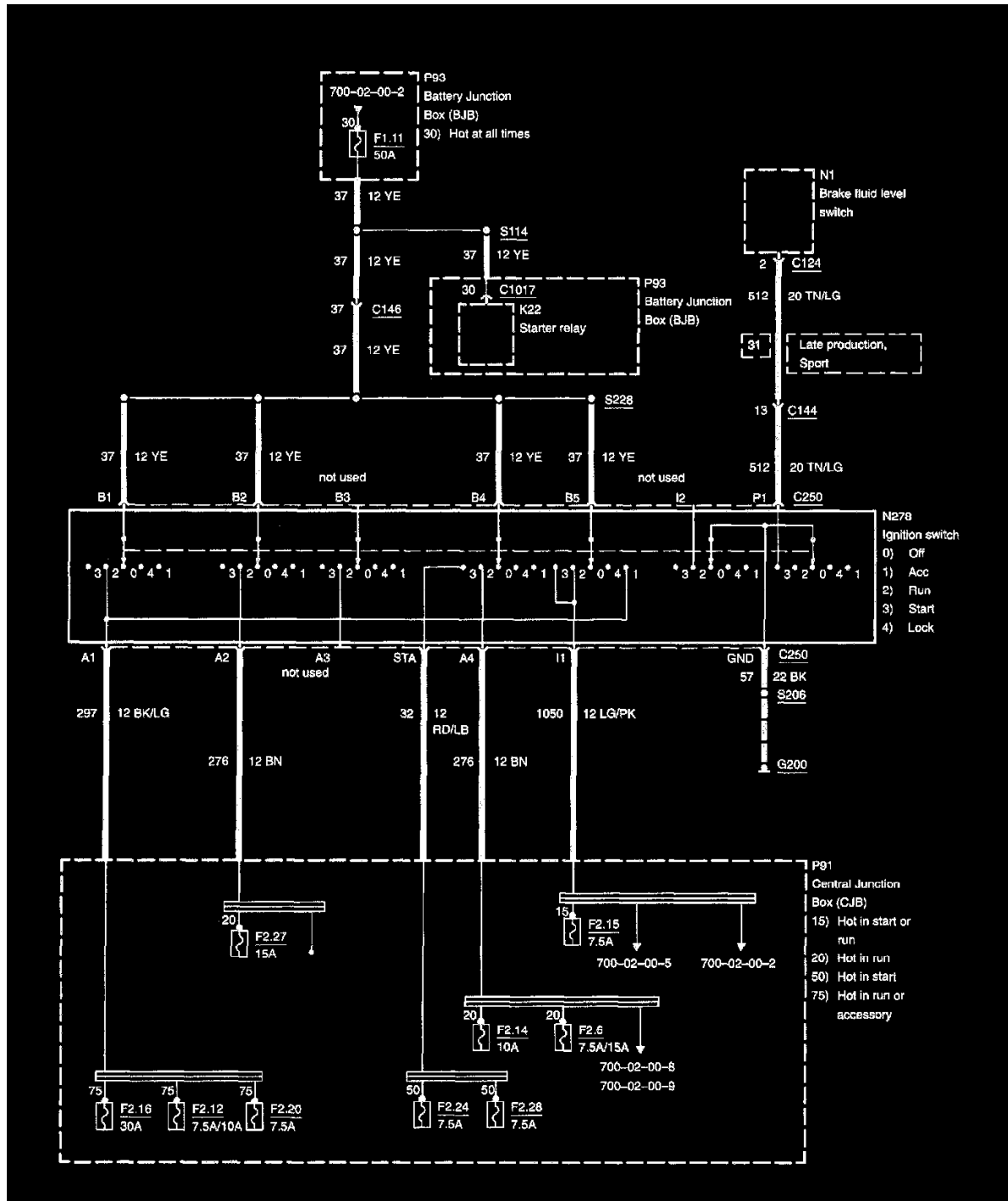


Diagram 700-02-00-7



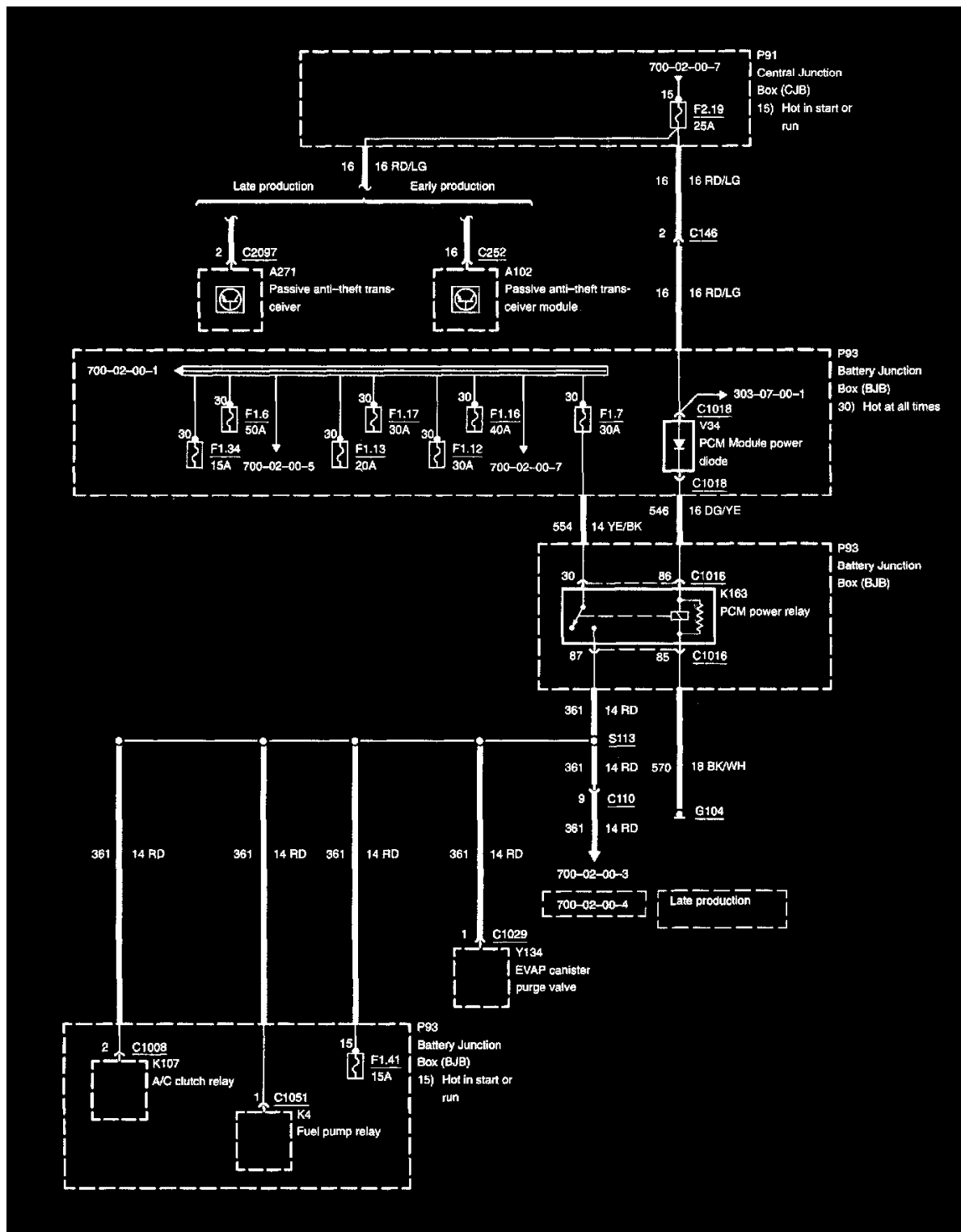


Diagram 700-02-00-2

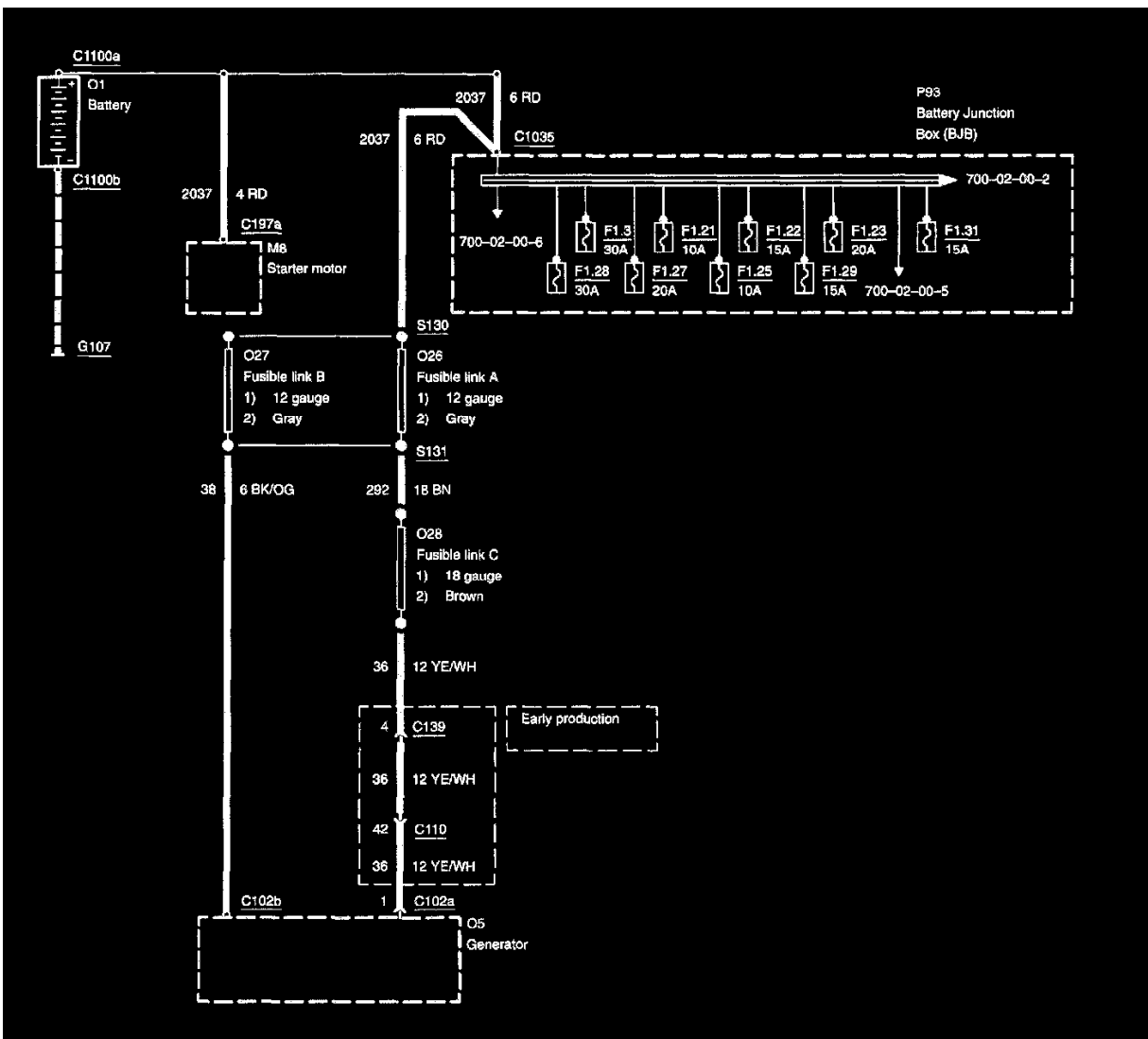


Diagram 700-02-00-1

F 2.13

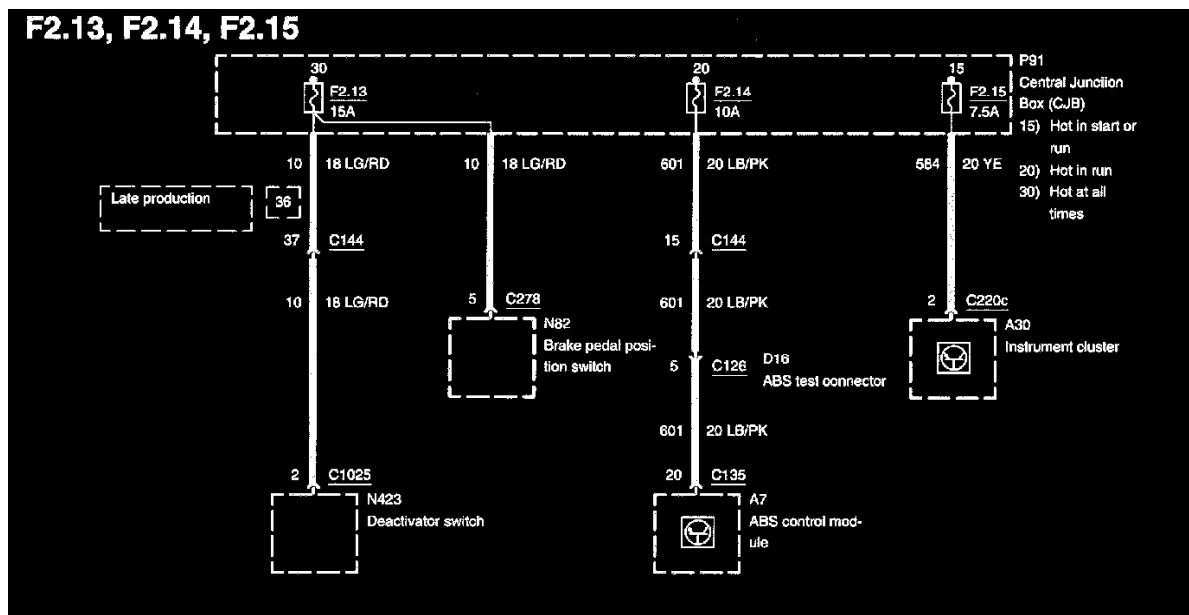


Diagram 700-03-00-16

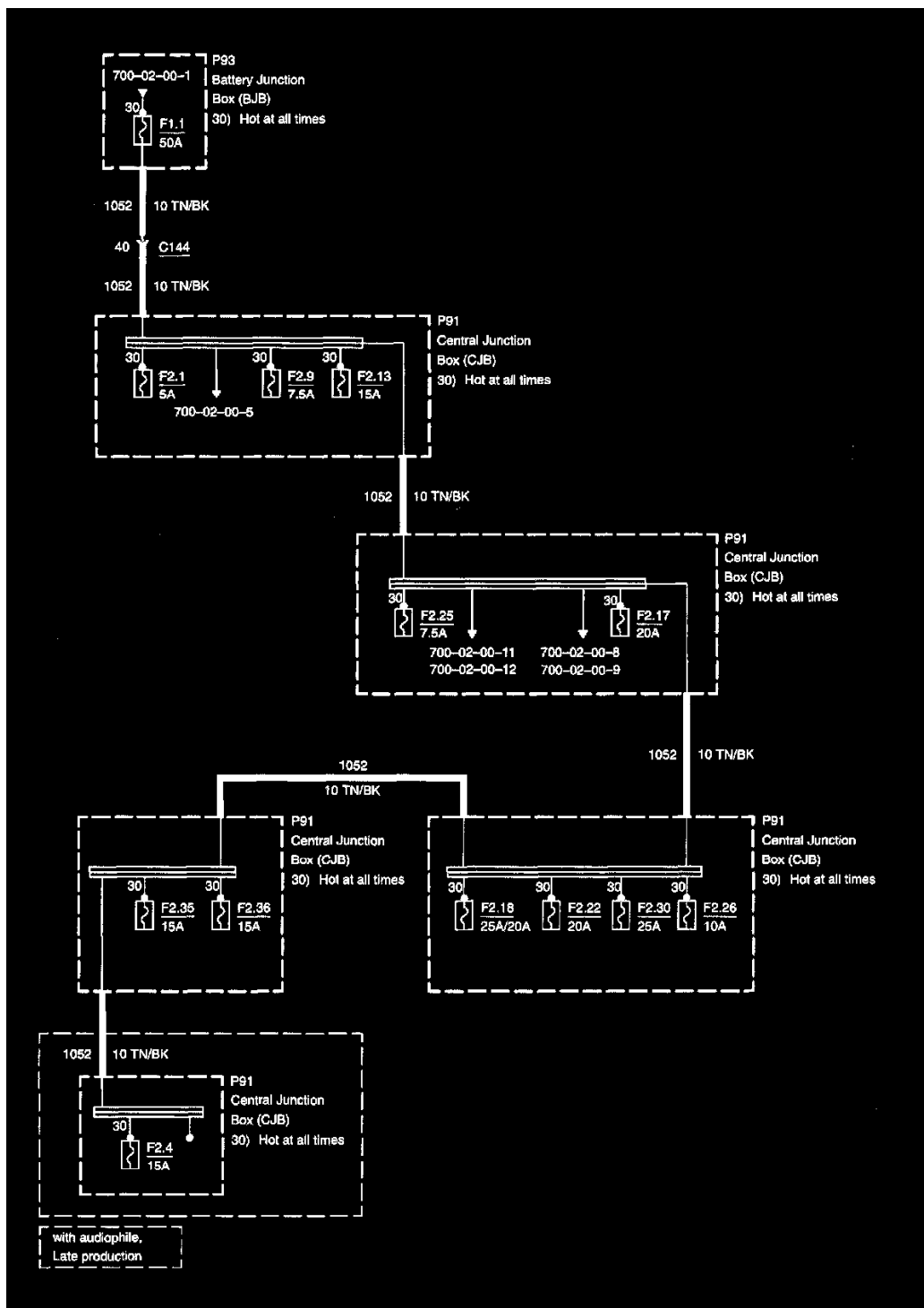


Diagram 700-02-00-6

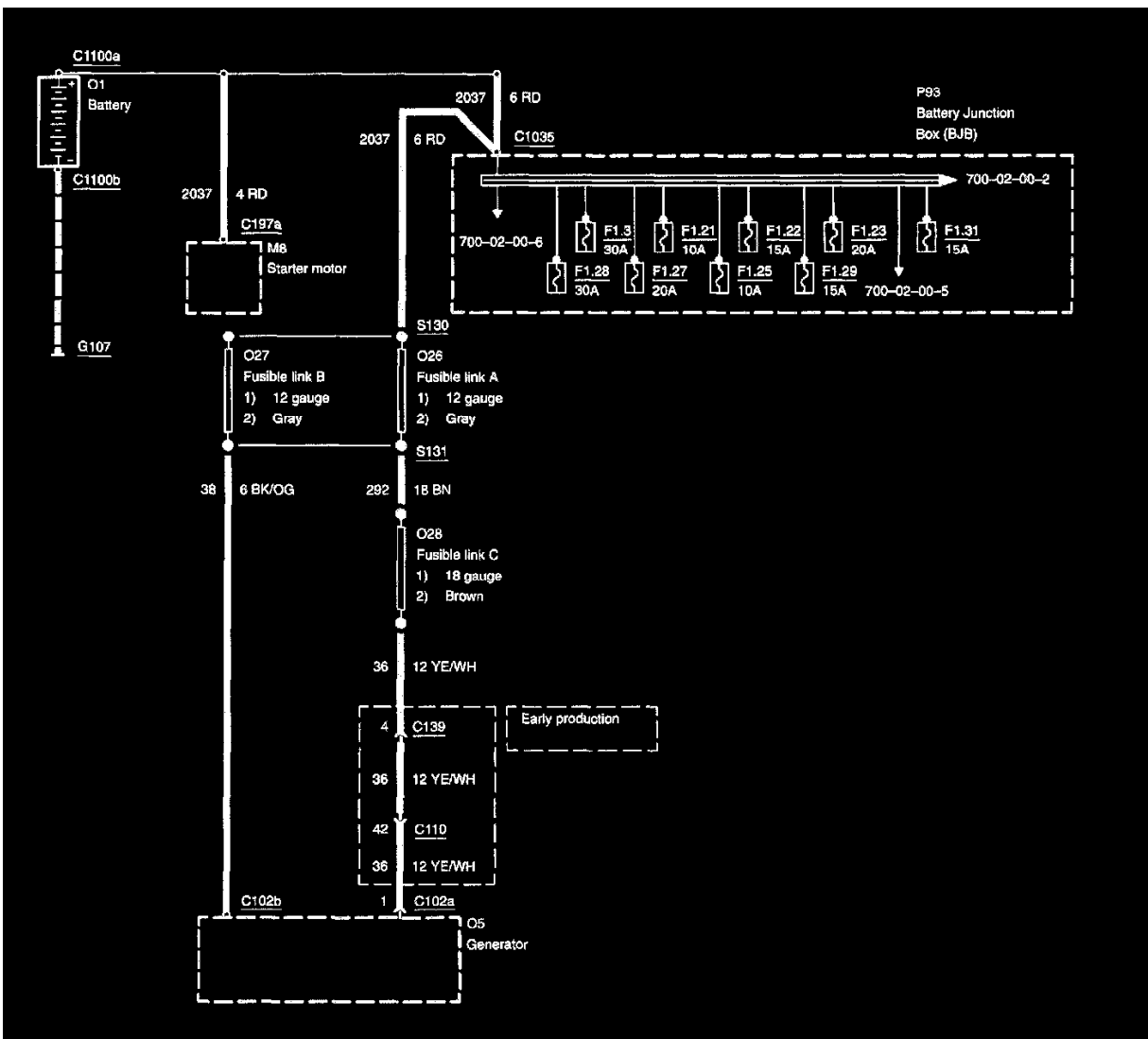


Diagram 700-02-00-1

F 2.14

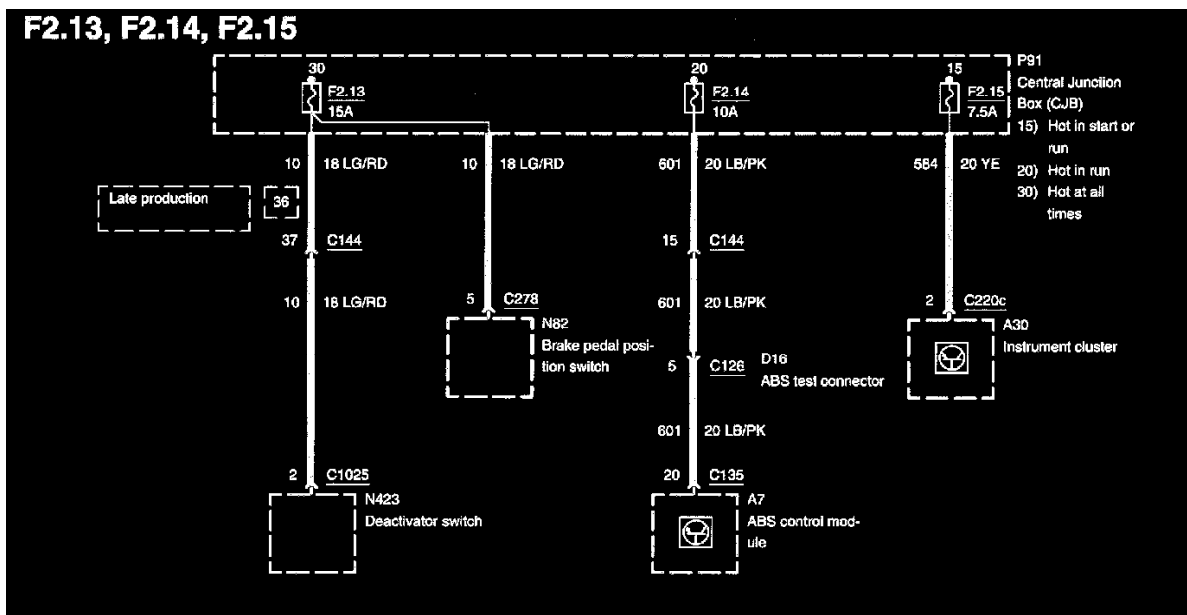


Diagram 700-03-00-16

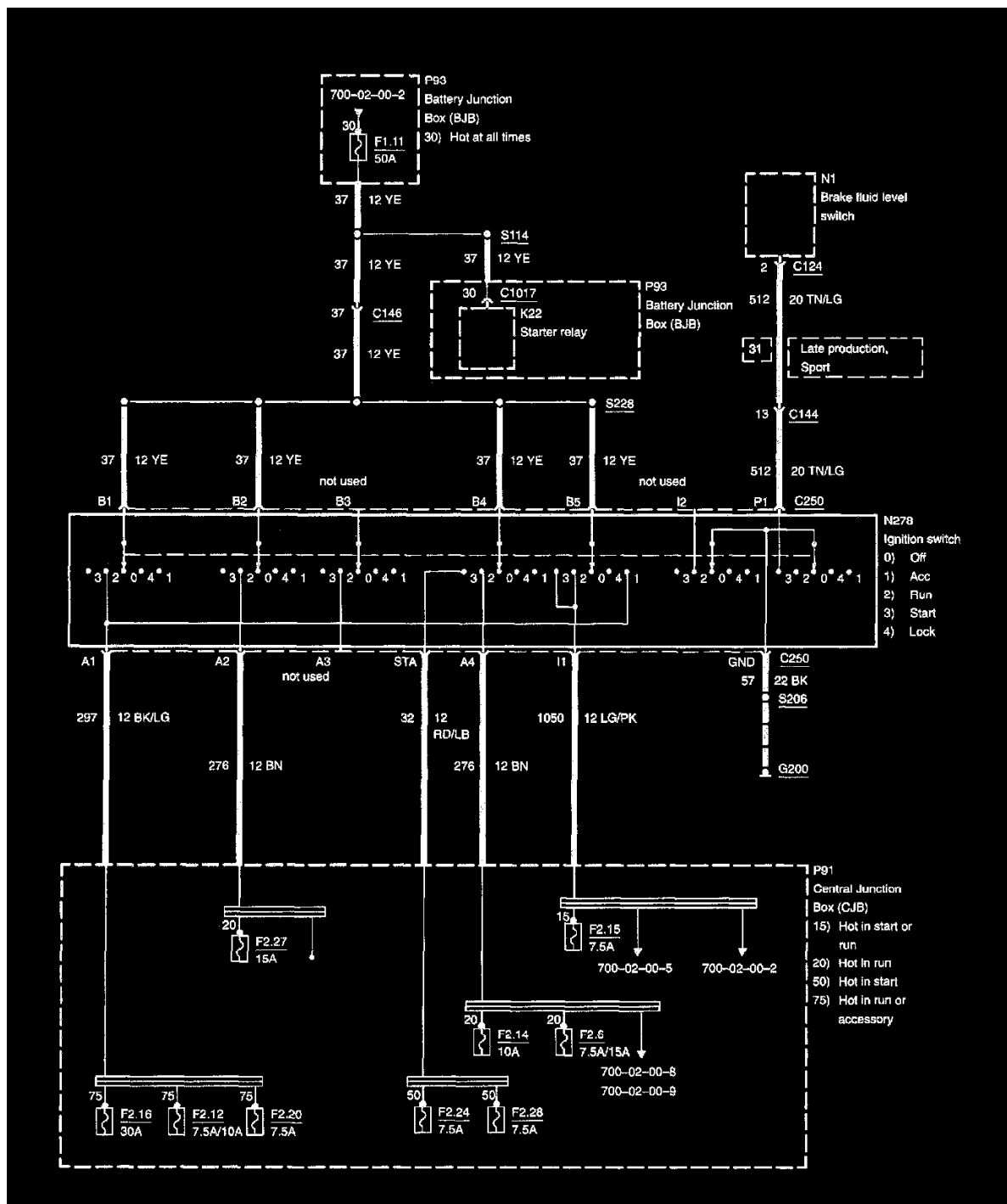


Diagram 700-02-00-7

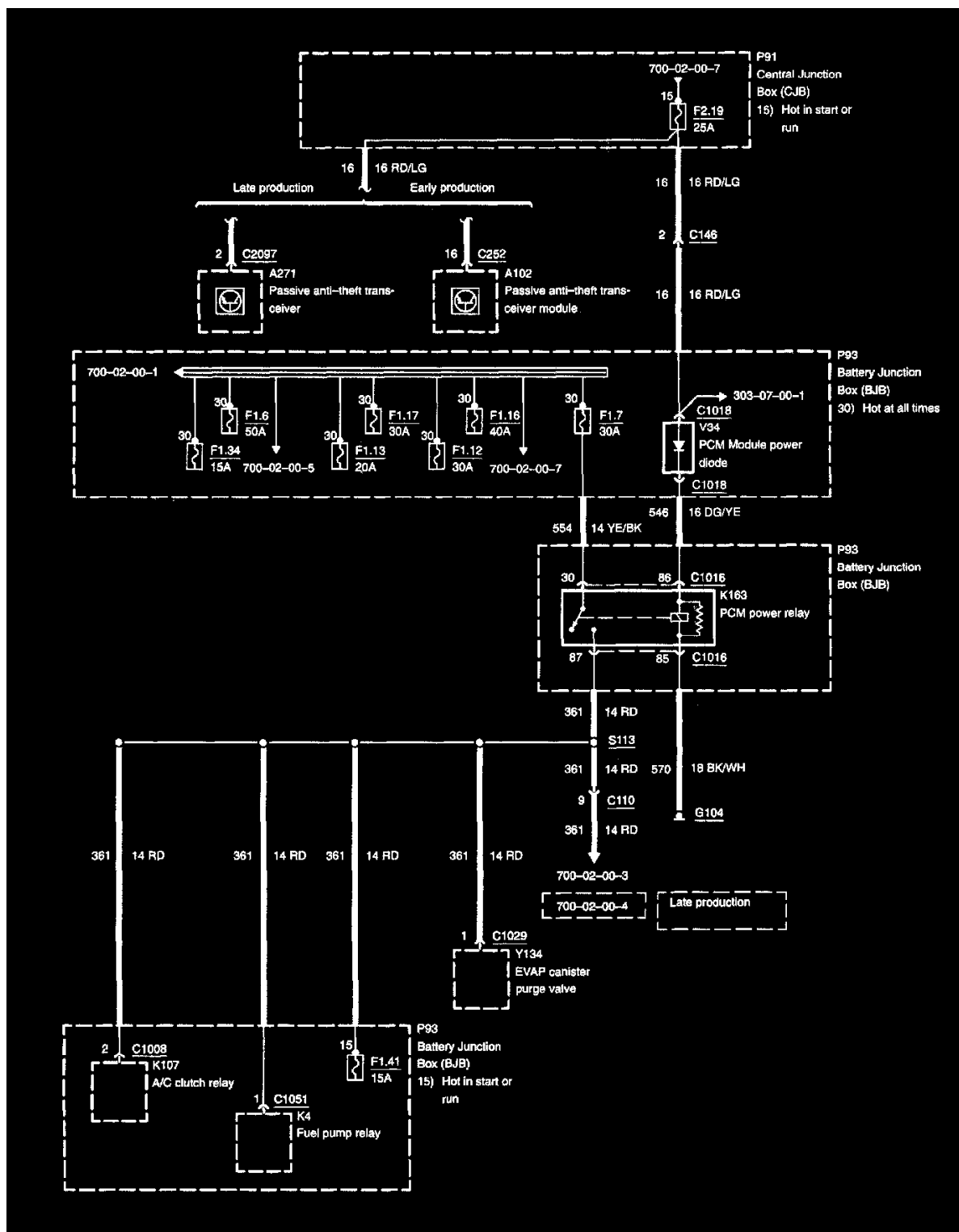


Diagram 700-02-00-2

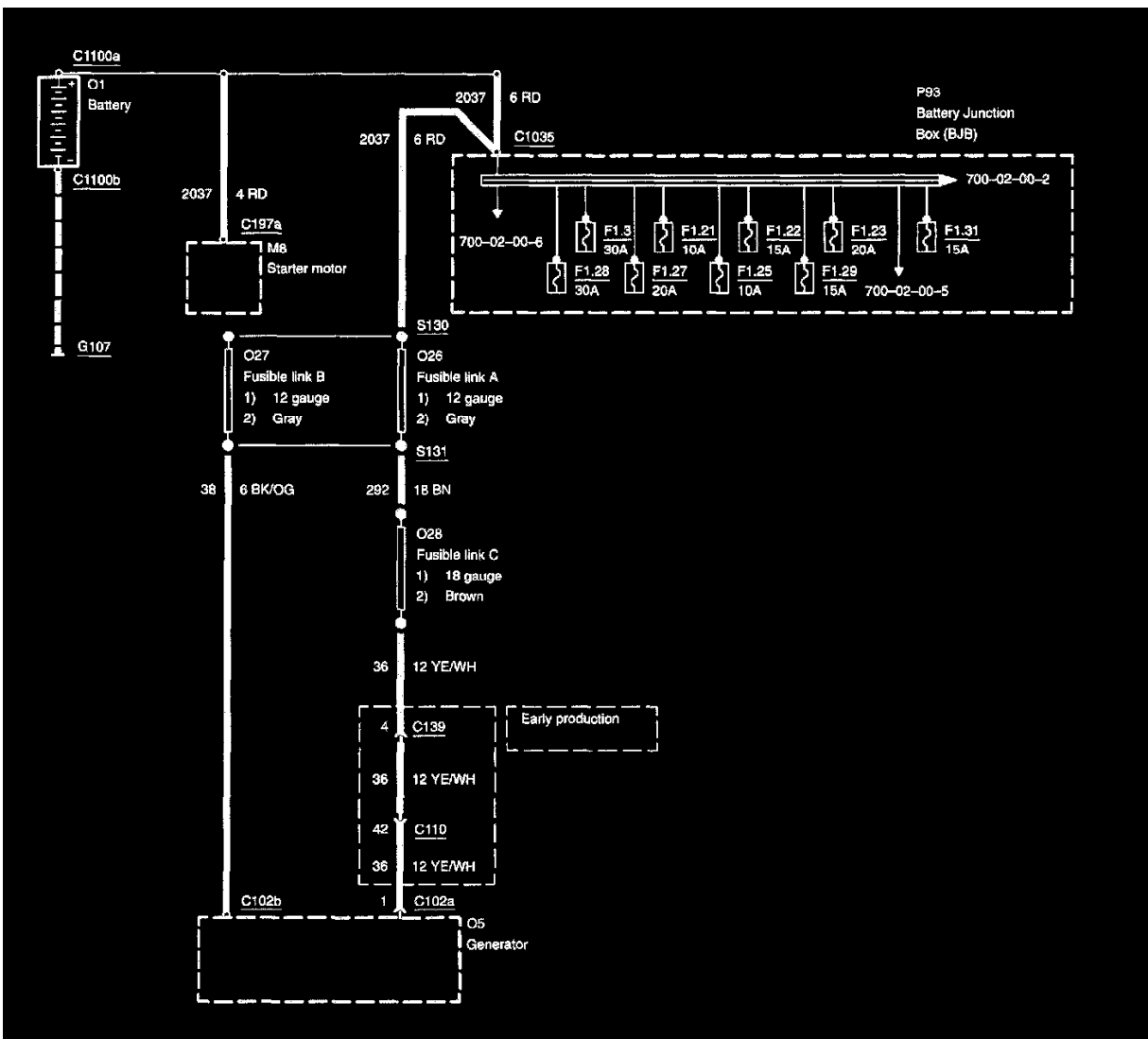


Diagram 700-02-00-1

F 2.15

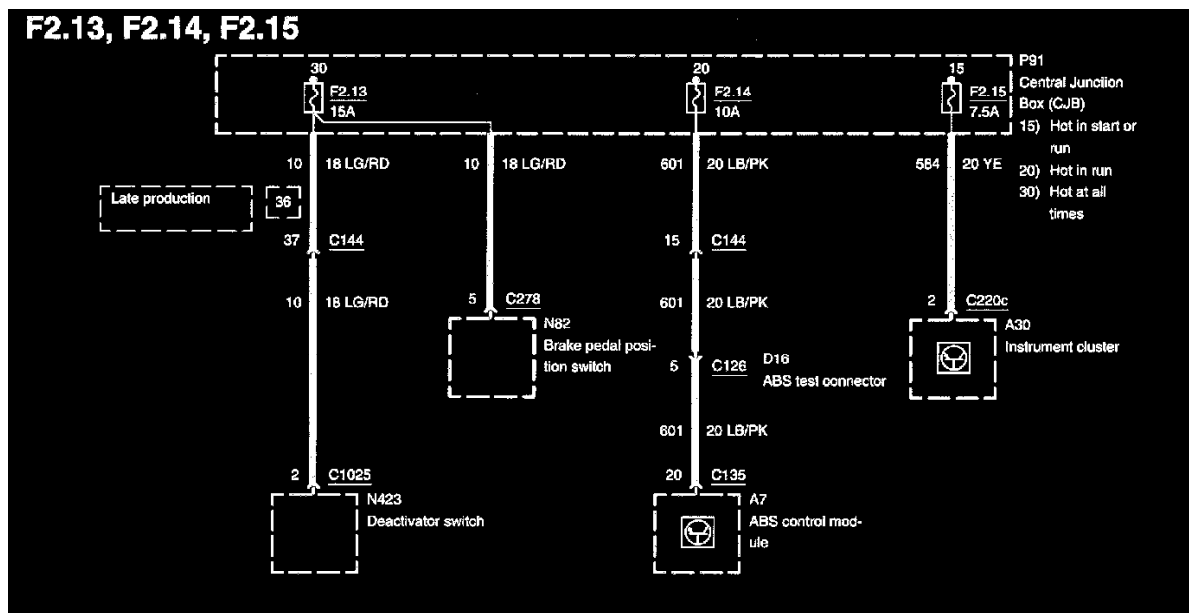


Diagram 700-03-00-16

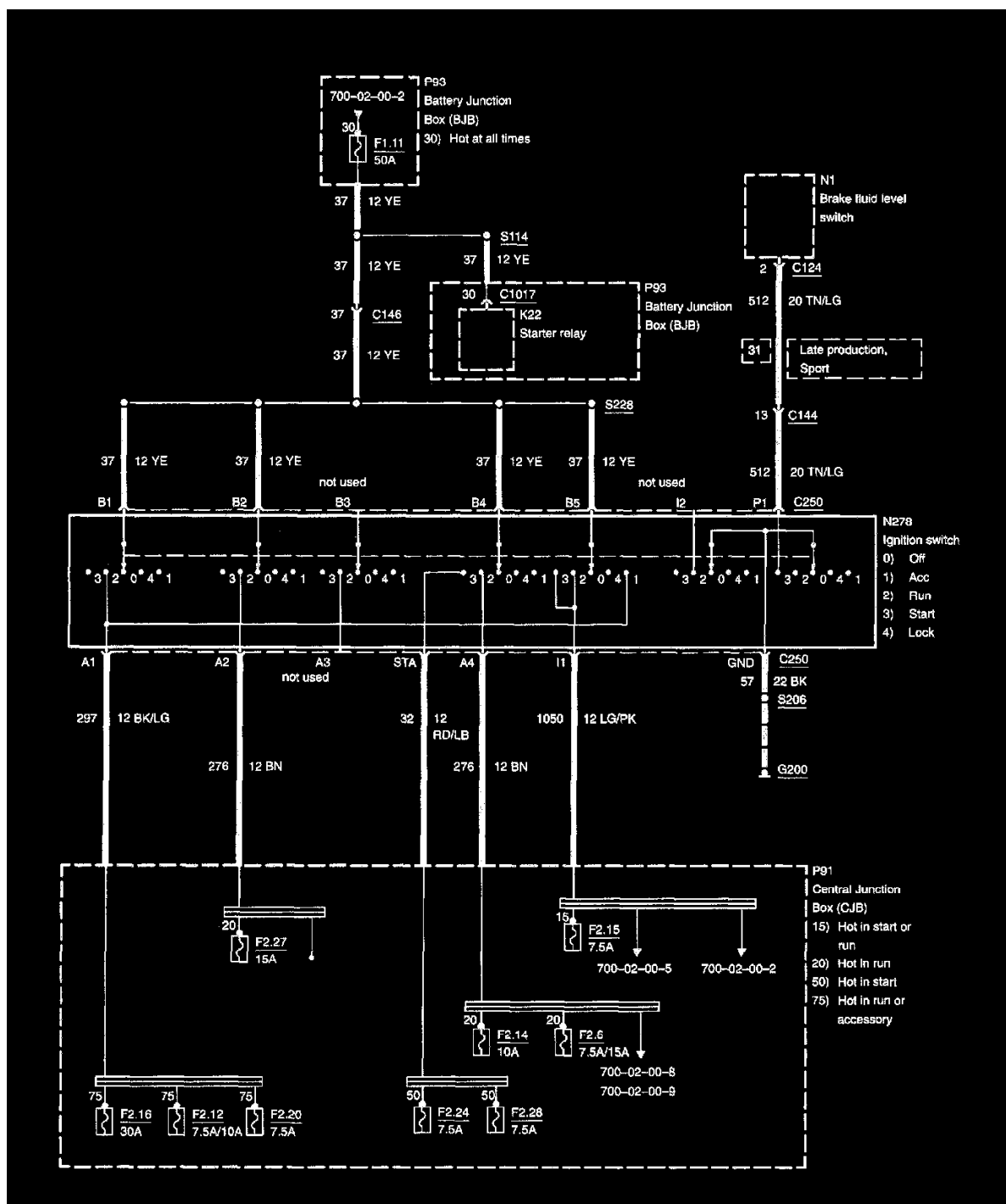


Diagram 700-02-00-7



Diagram 700-02-00-2

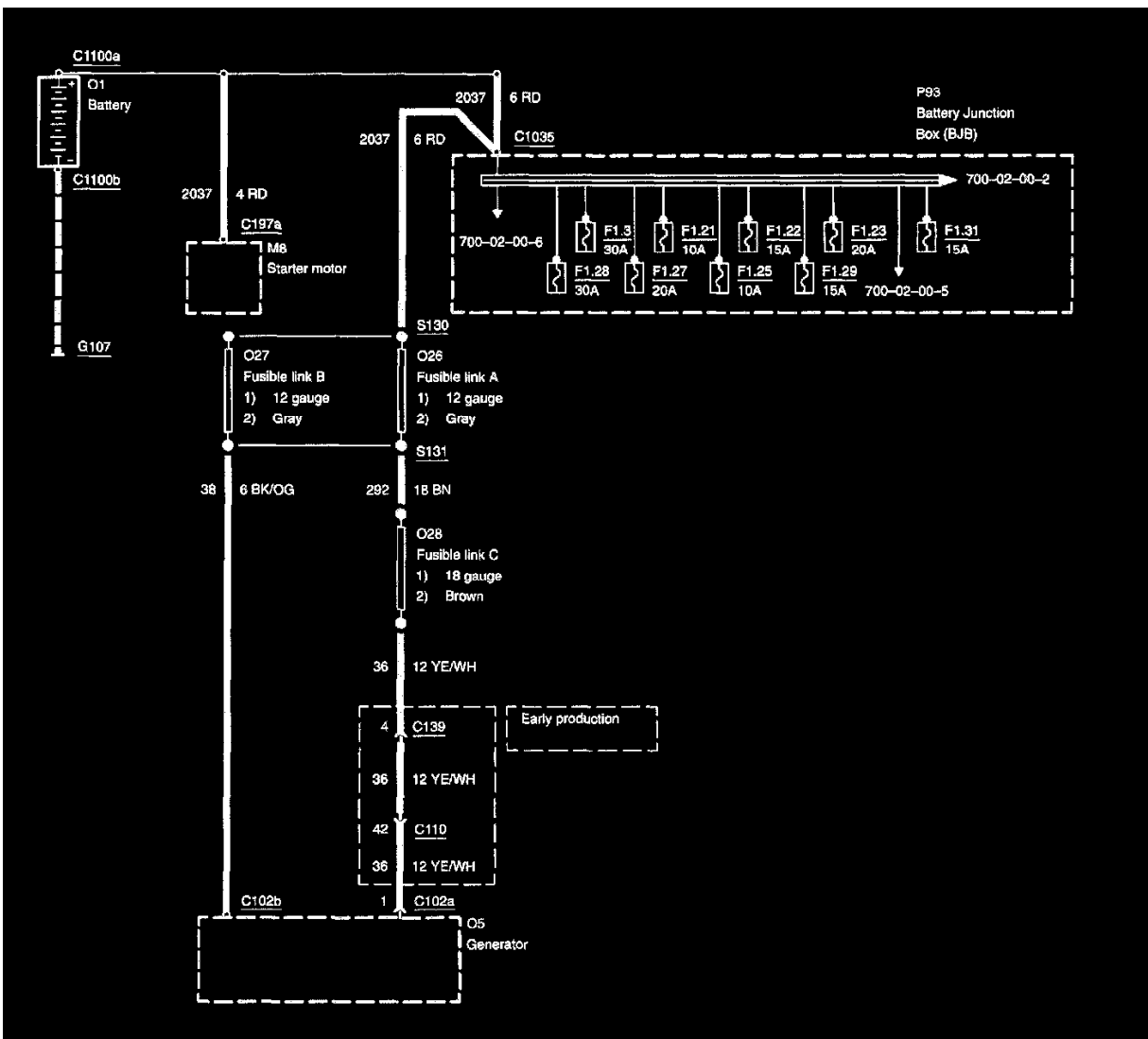


Diagram 700-02-00-1

F 2.16

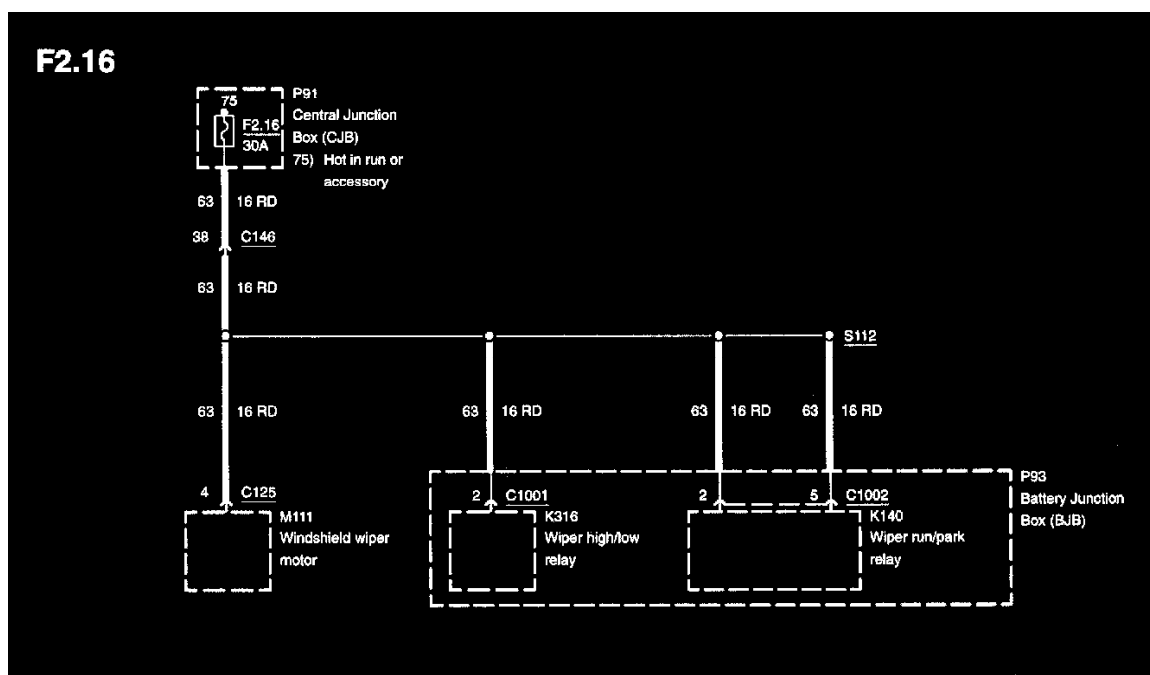
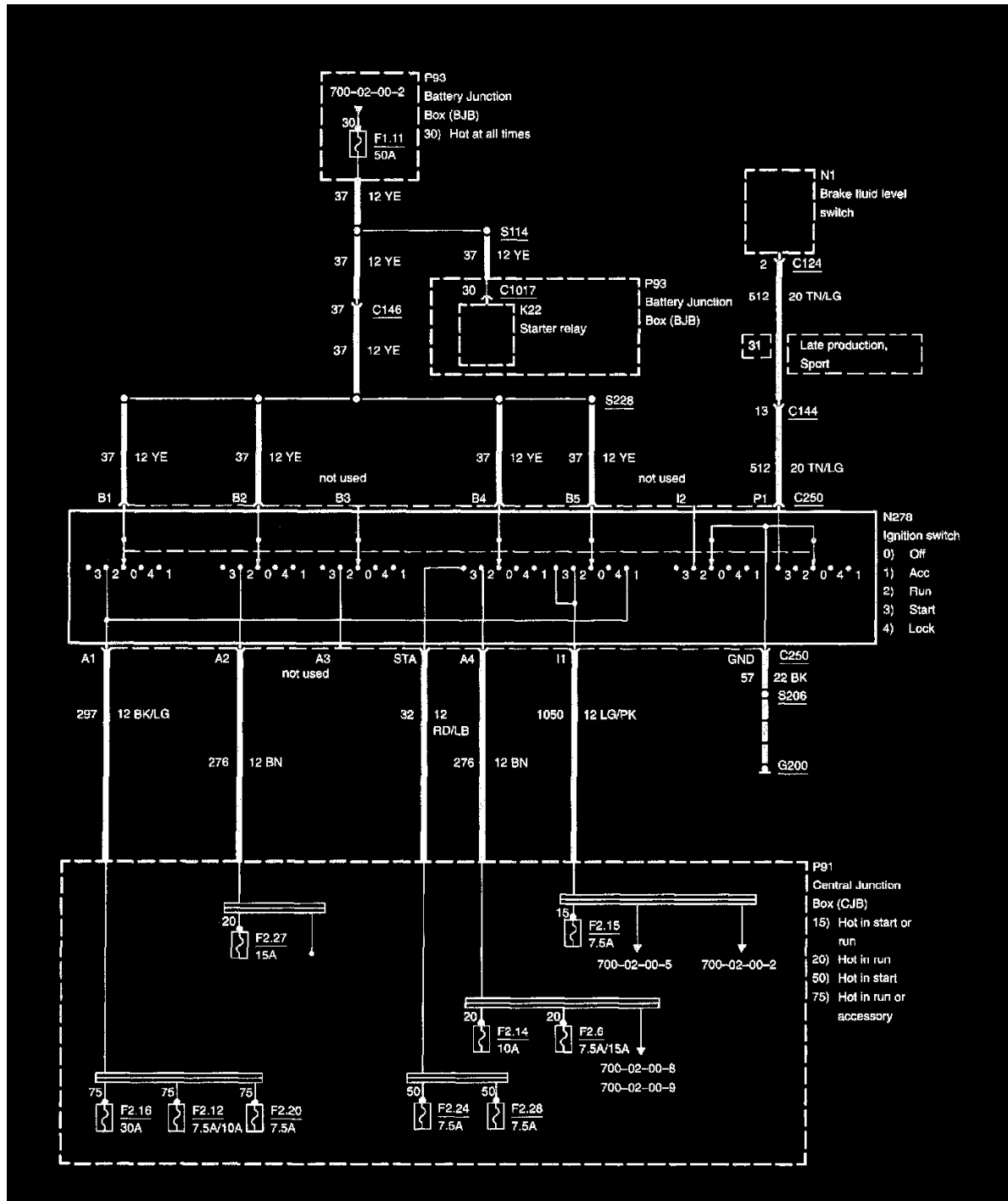


Diagram 700-02-00-7



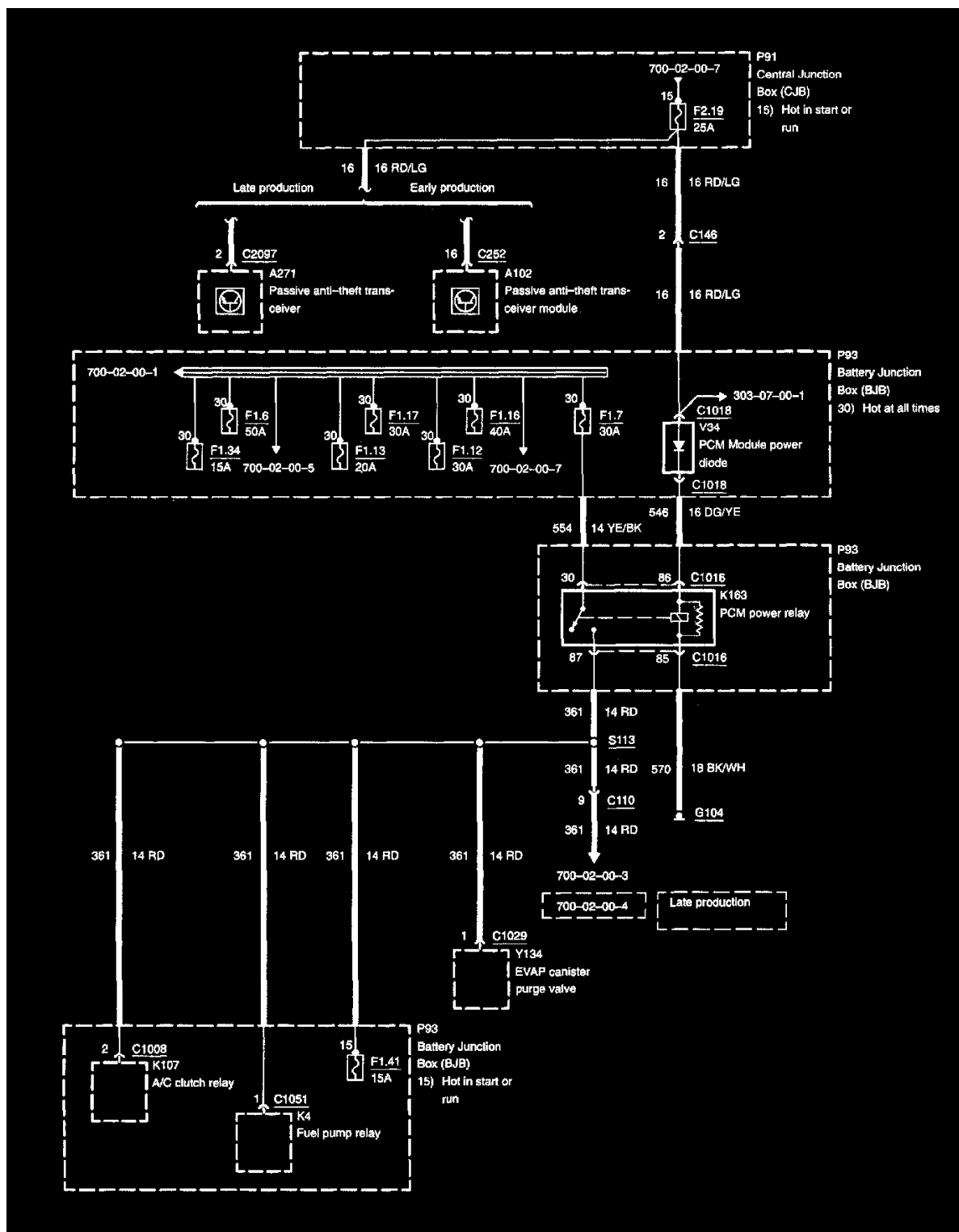


Diagram 700-02-00-2

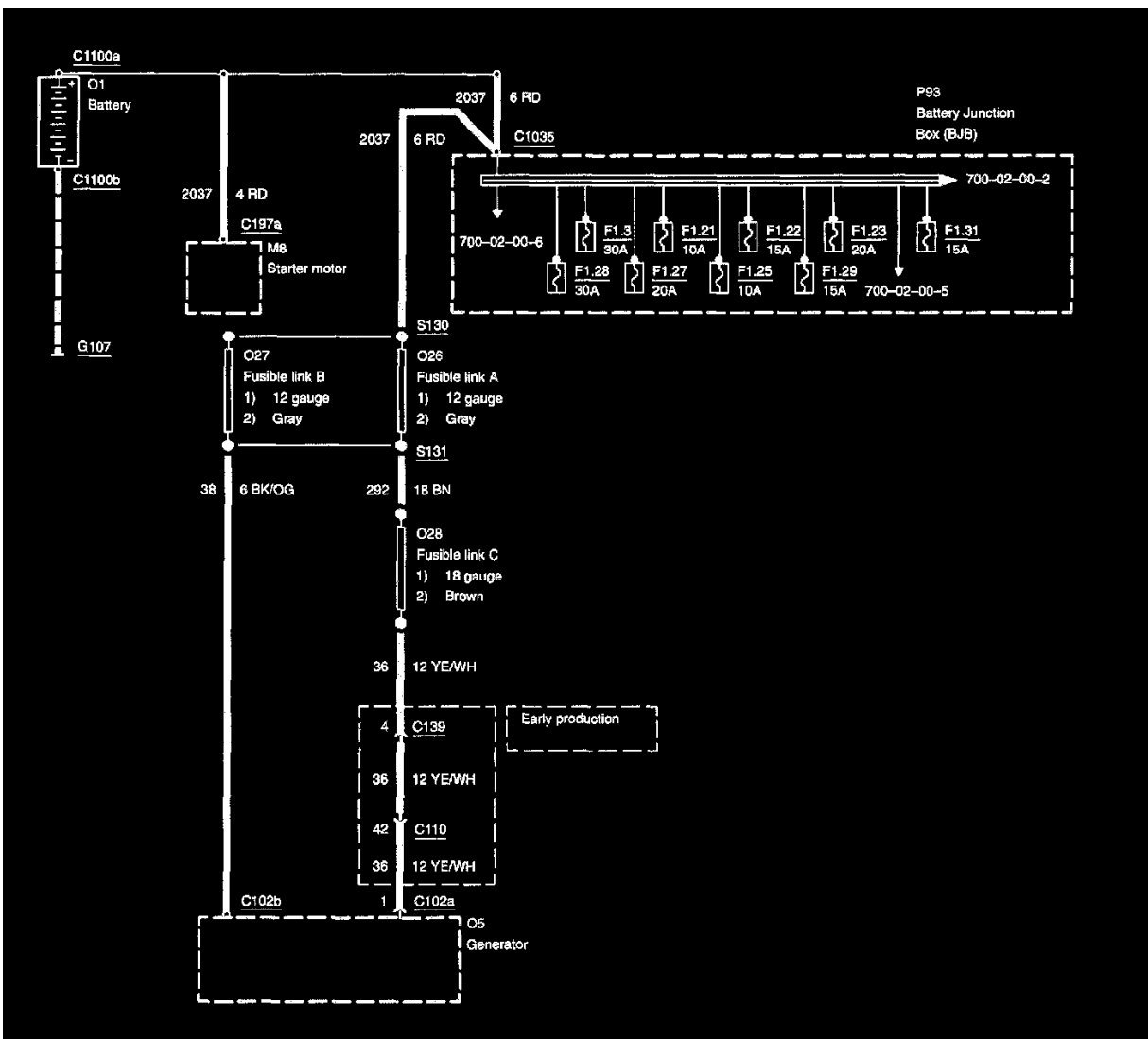


Diagram 700-02-00-1

F 2.17

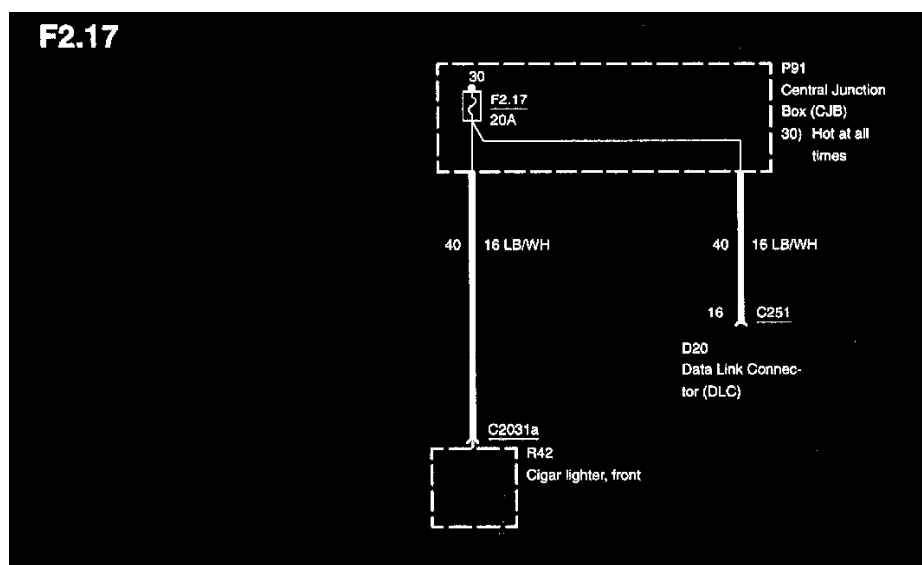


Diagram 700-03-00-18

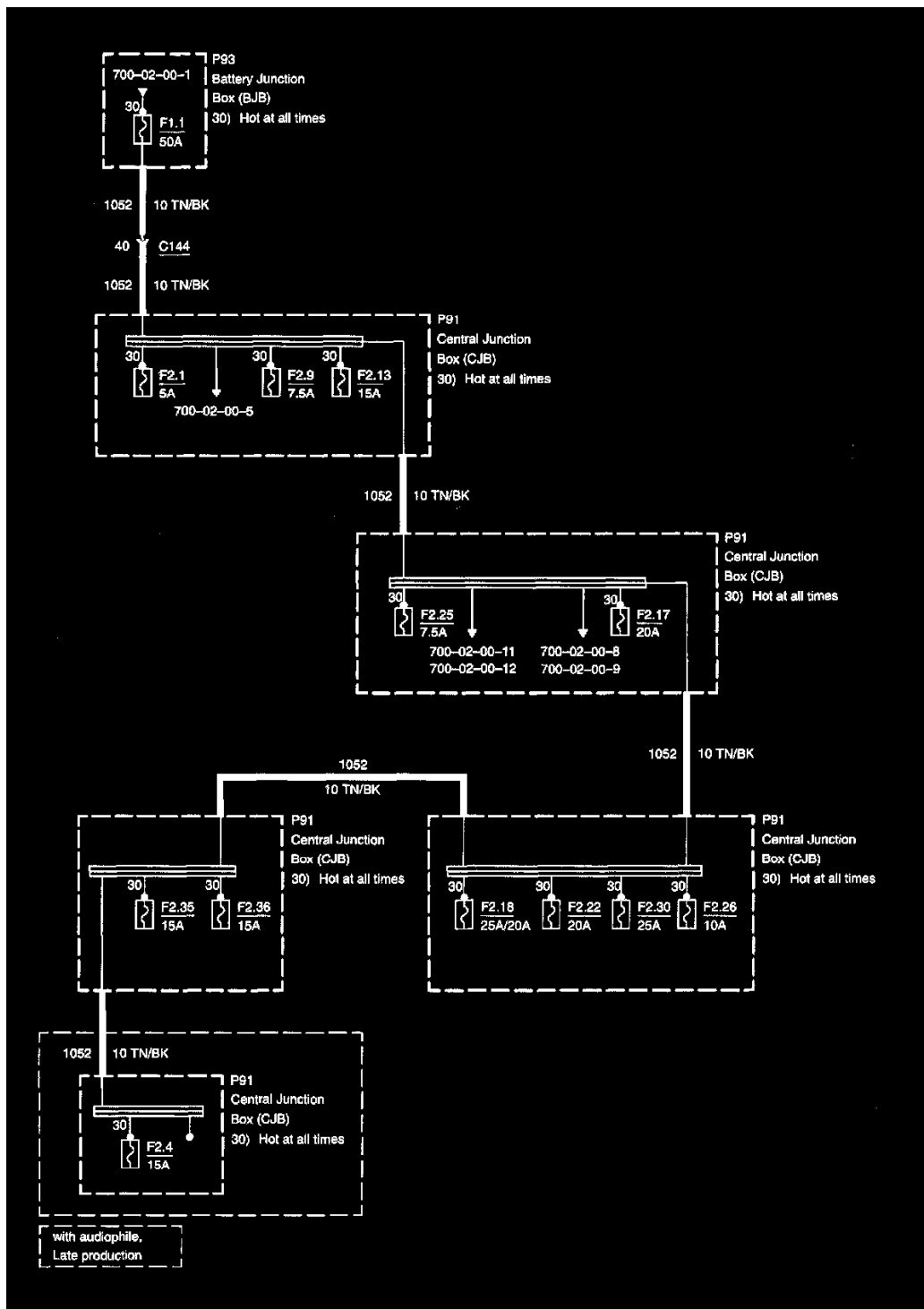


Diagram 700-02-00-6

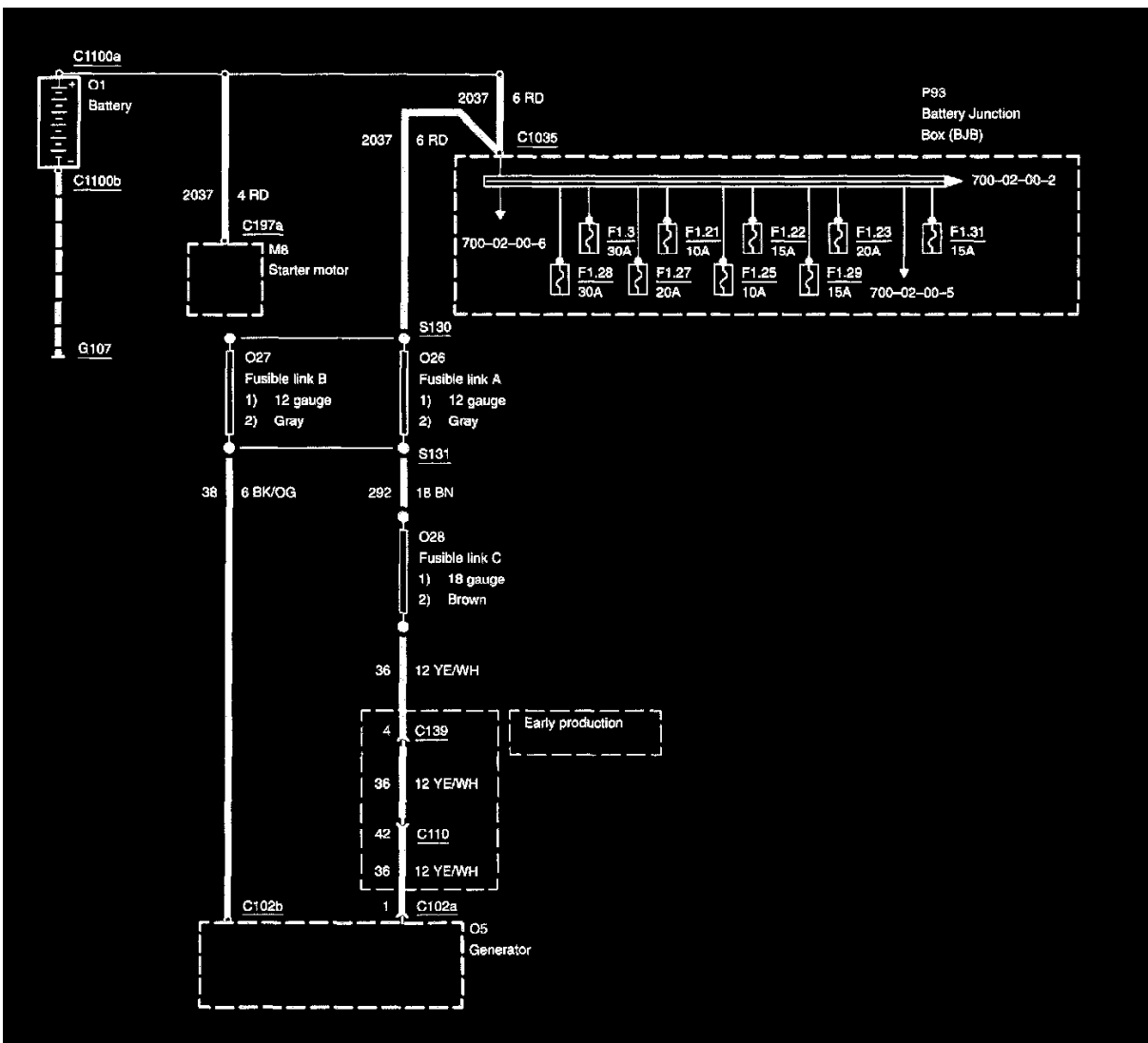


Diagram 700-02-00-1

Diagram 700-03-00-19

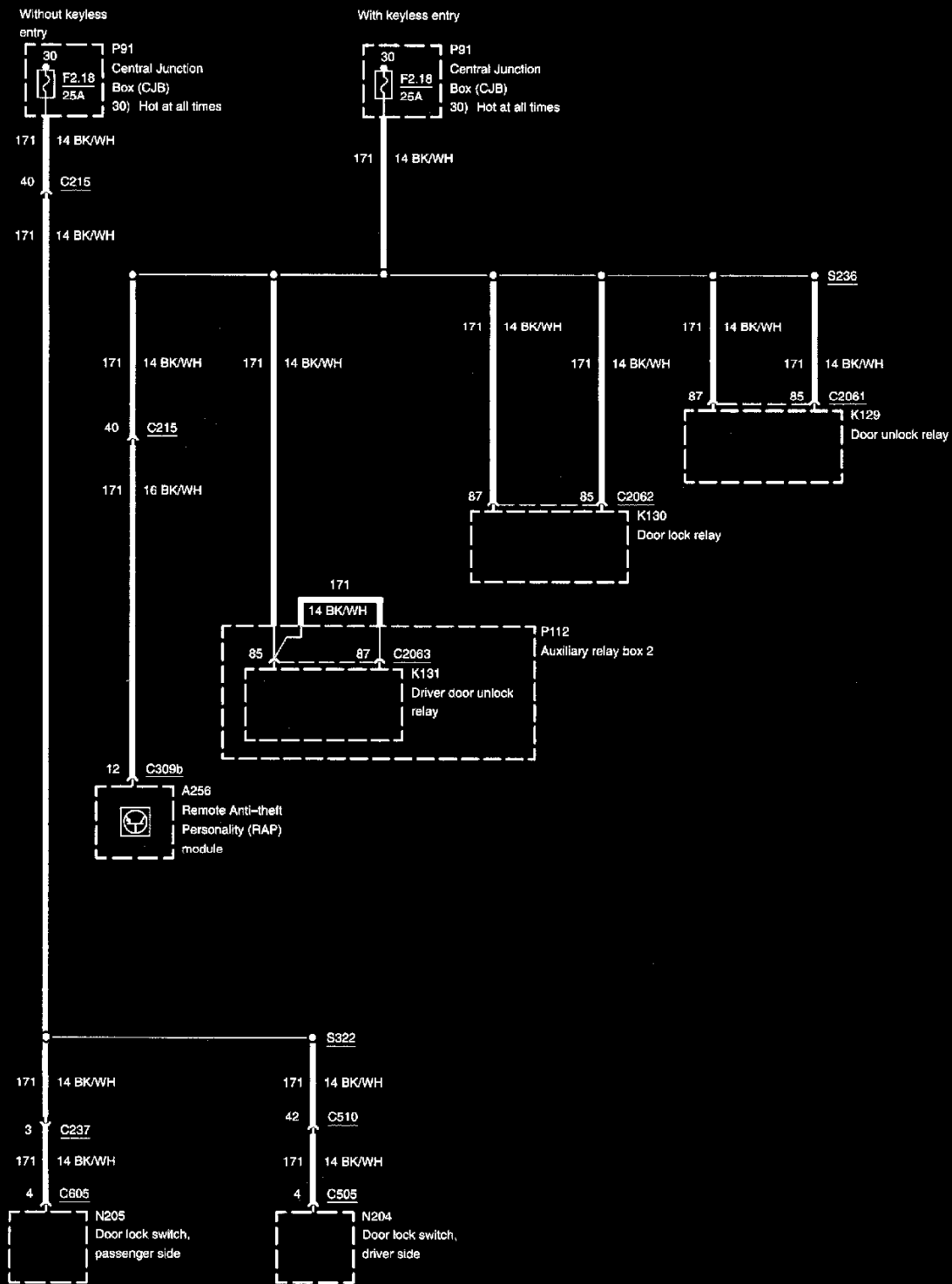
F2.18, Sport Trac, Early production

Diagram 700-03-00-20

Without keyless entry

With keyless entry

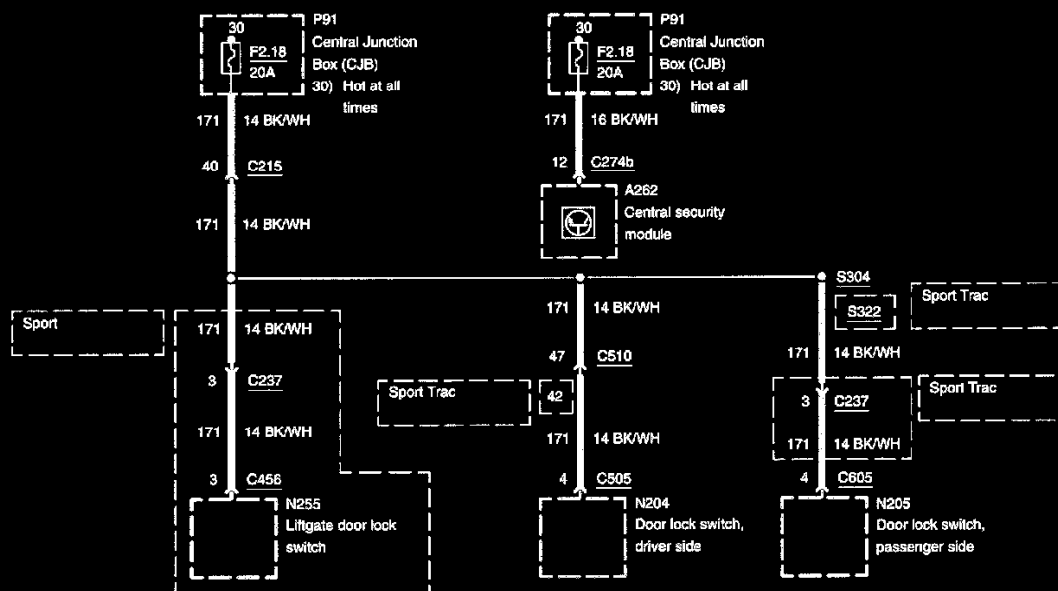


Diagram 700-03-00-21

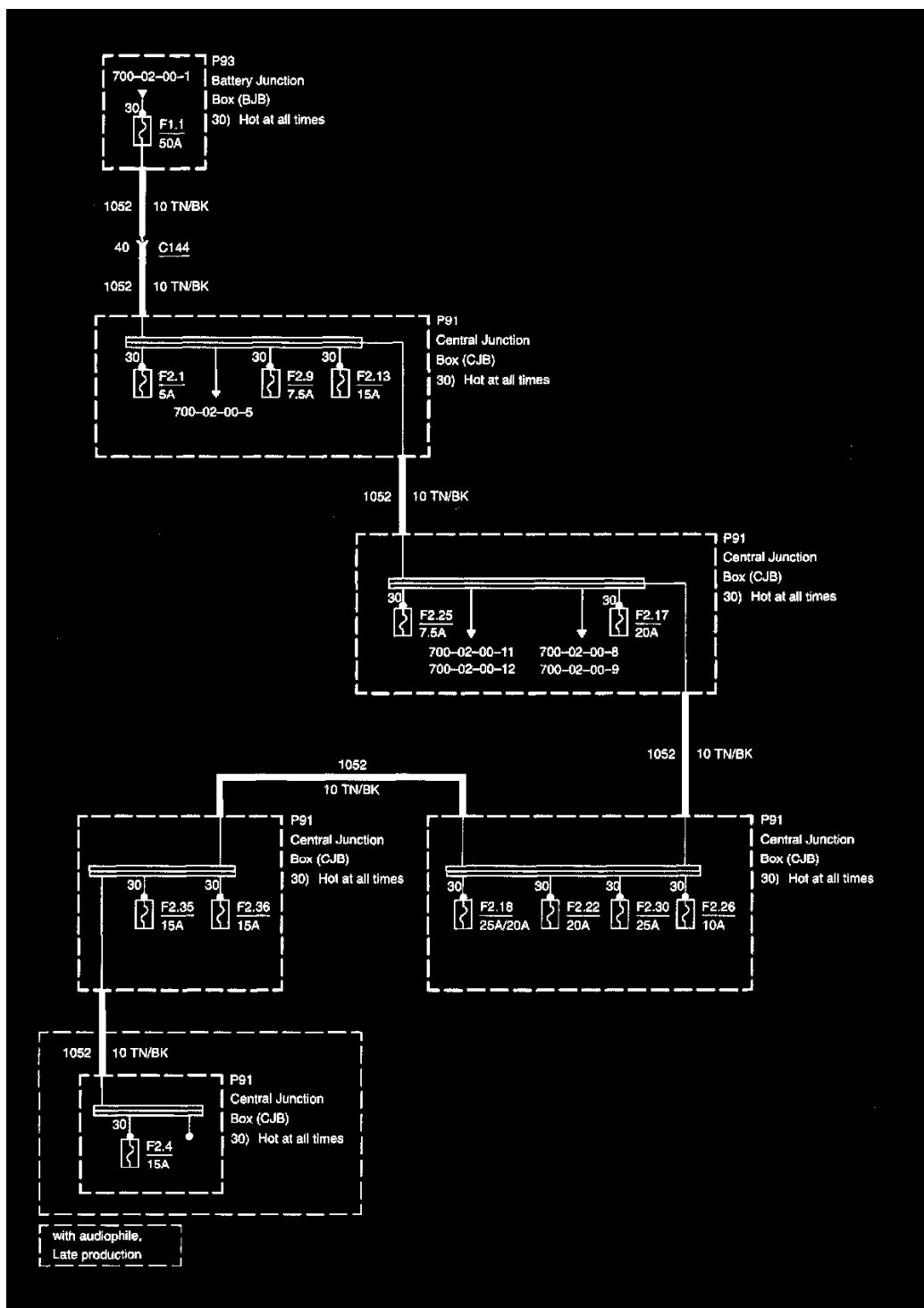


Diagram 700-02-00-6

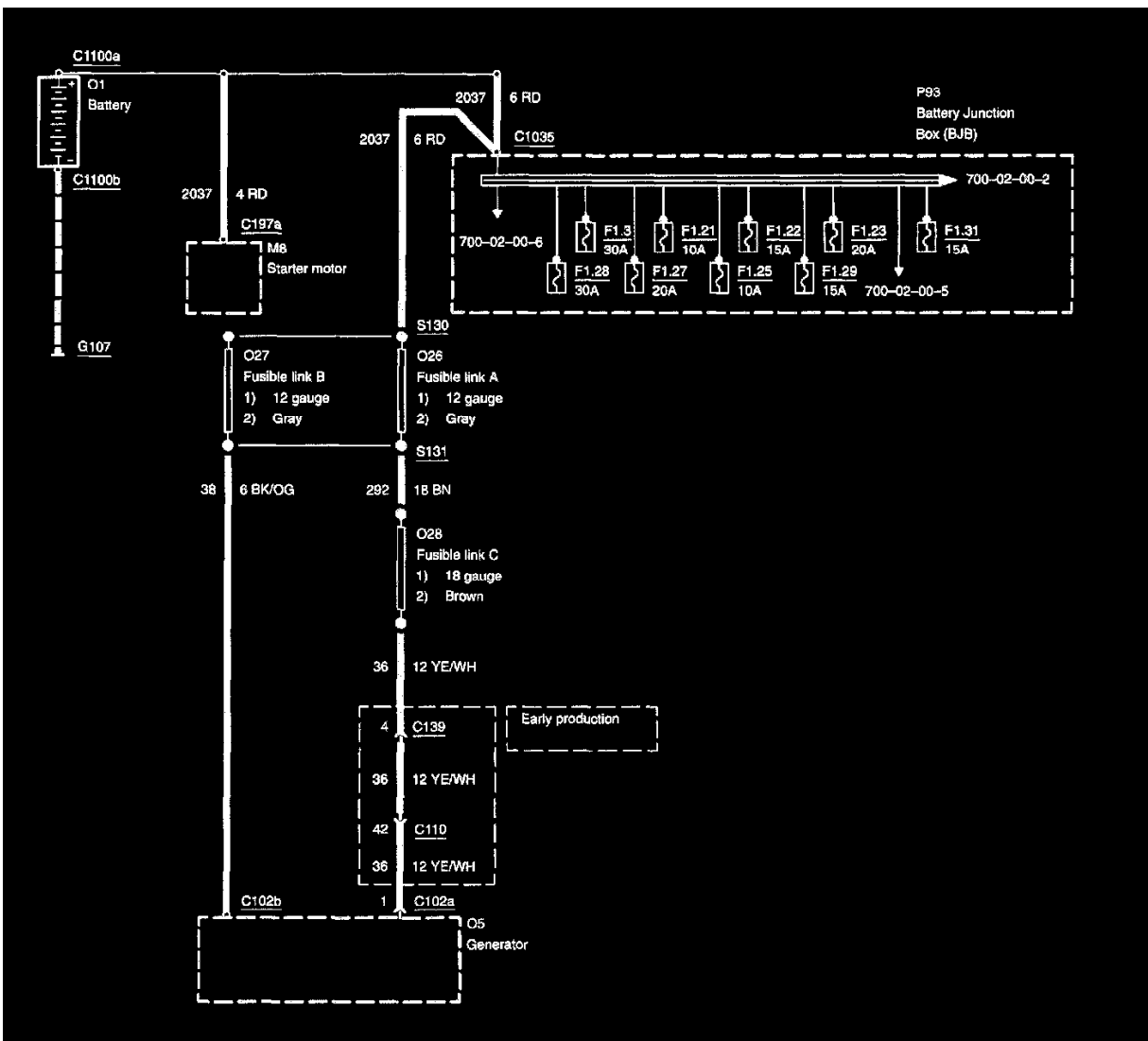


Diagram 700-02-00-1

F 2.20

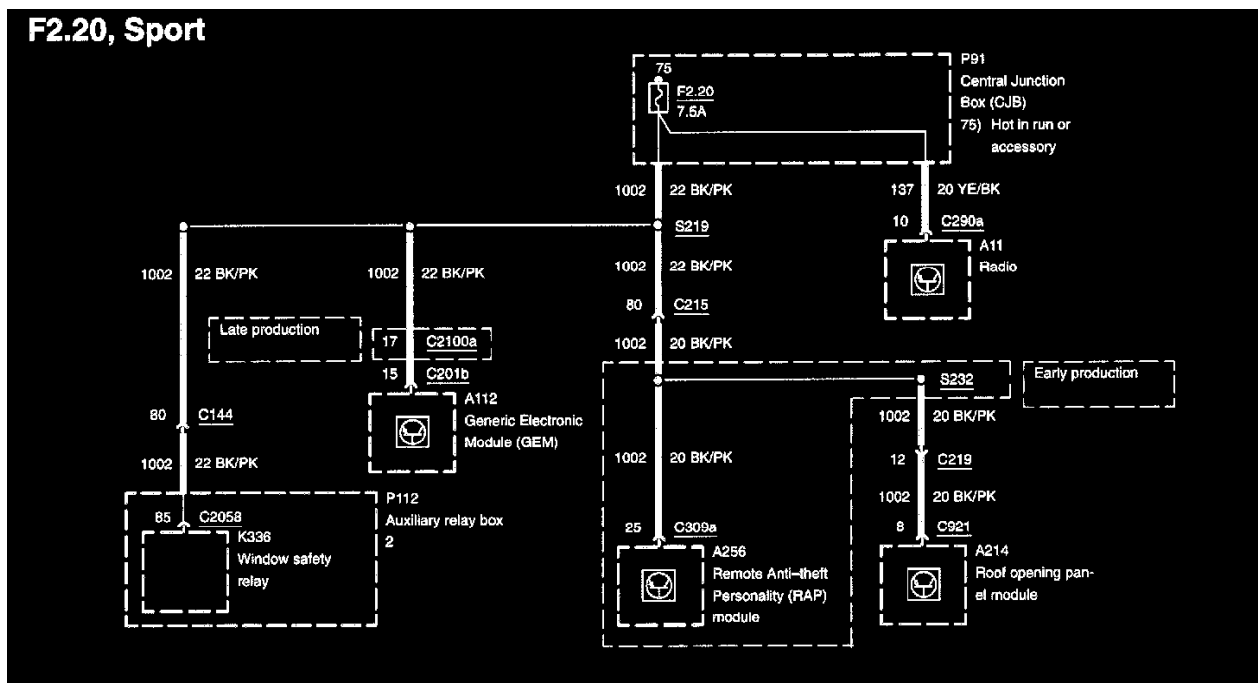


Diagram 700-03-00-22

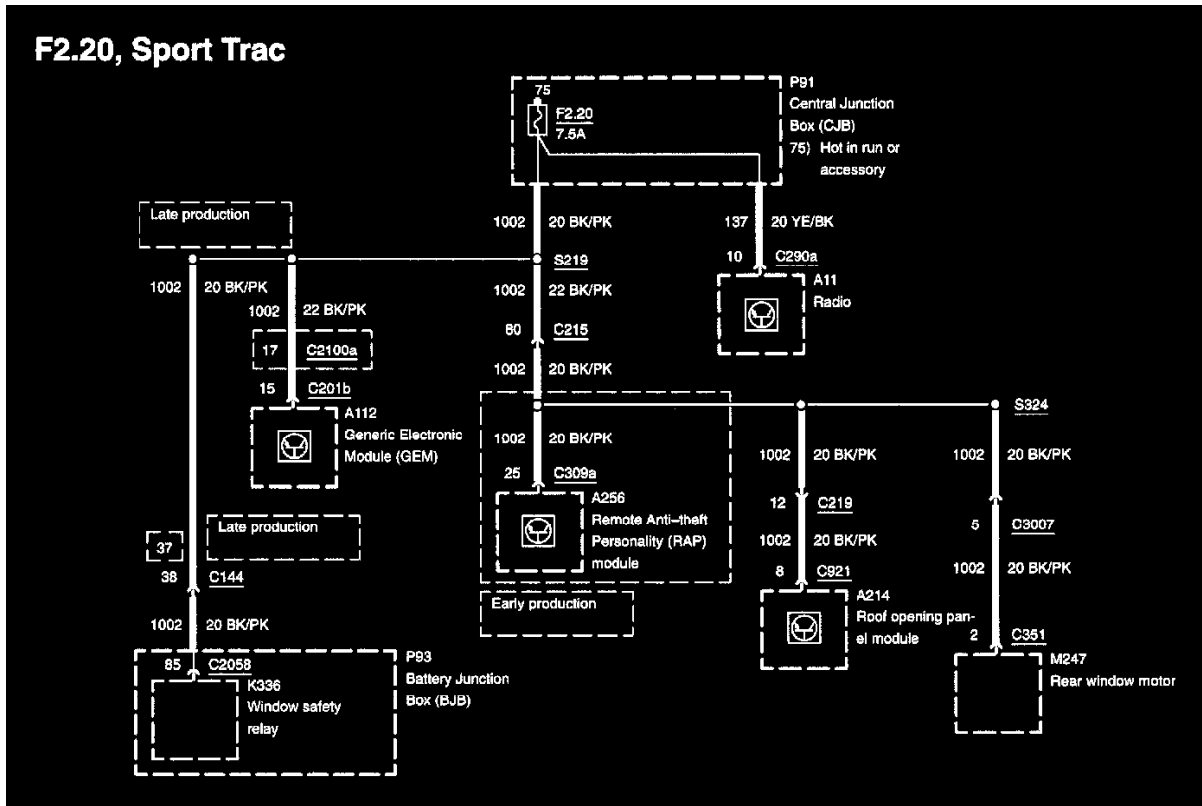


Diagram 700-03-00-23

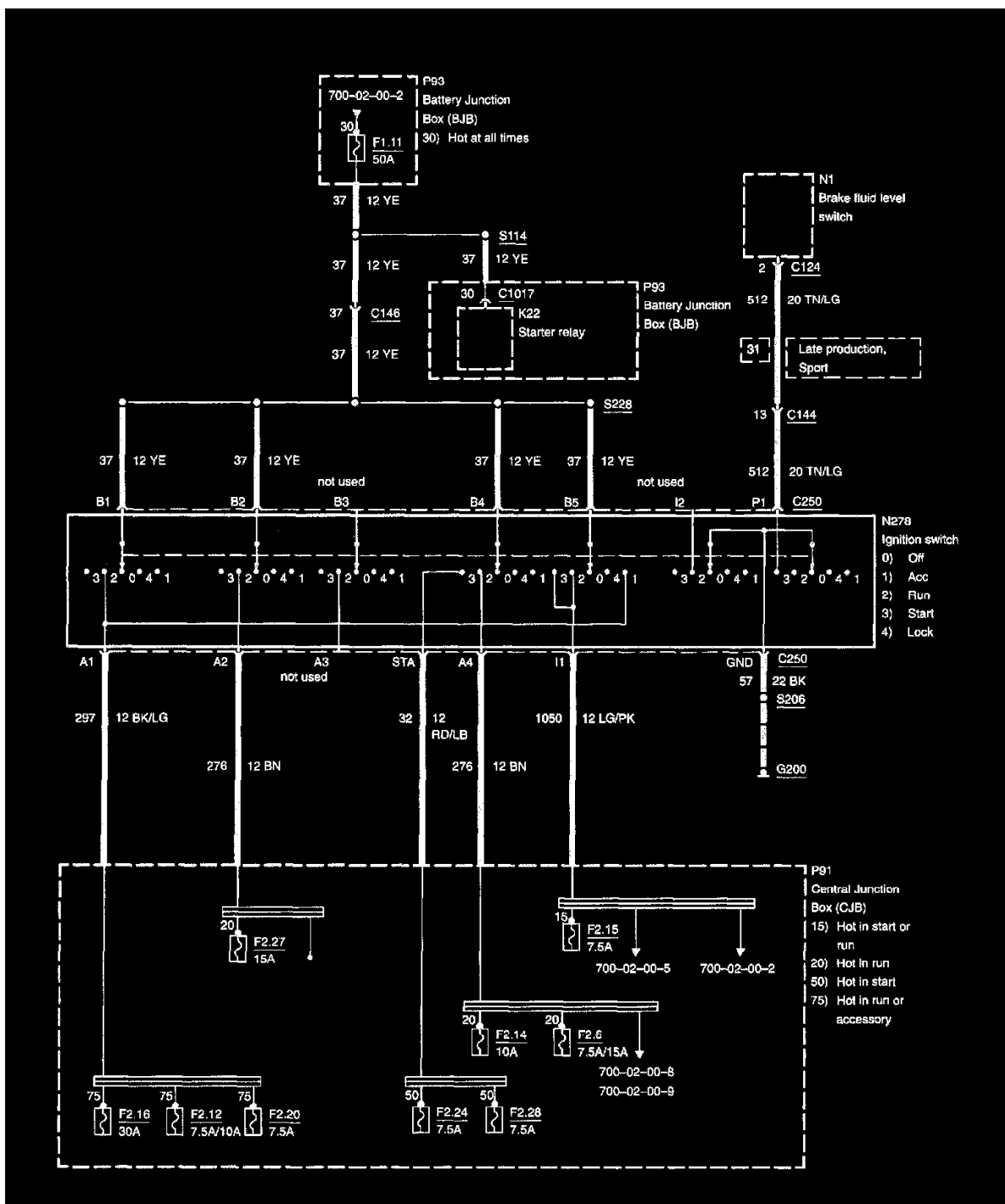


Diagram 700-02-00-7

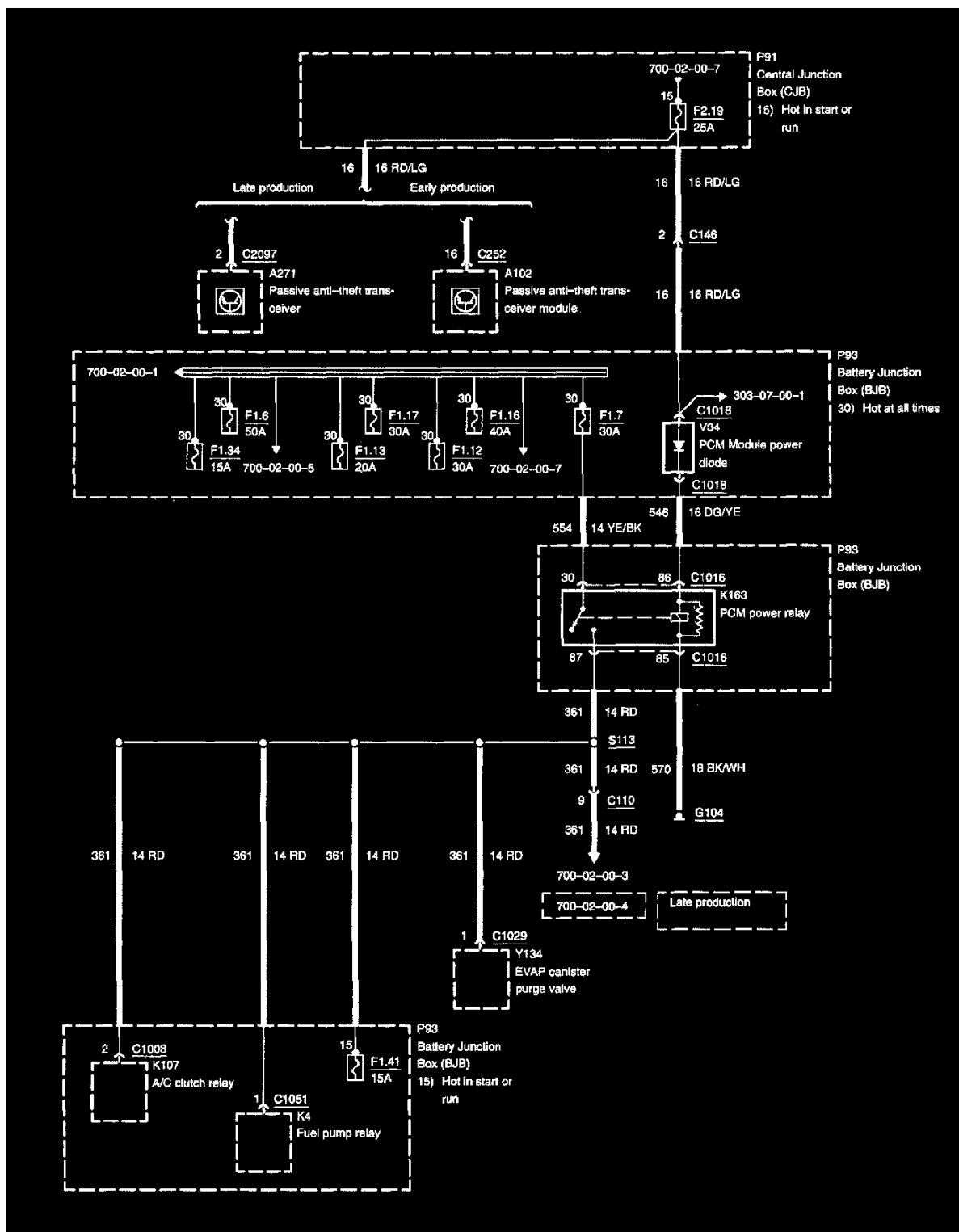


Diagram 700-02-00-2

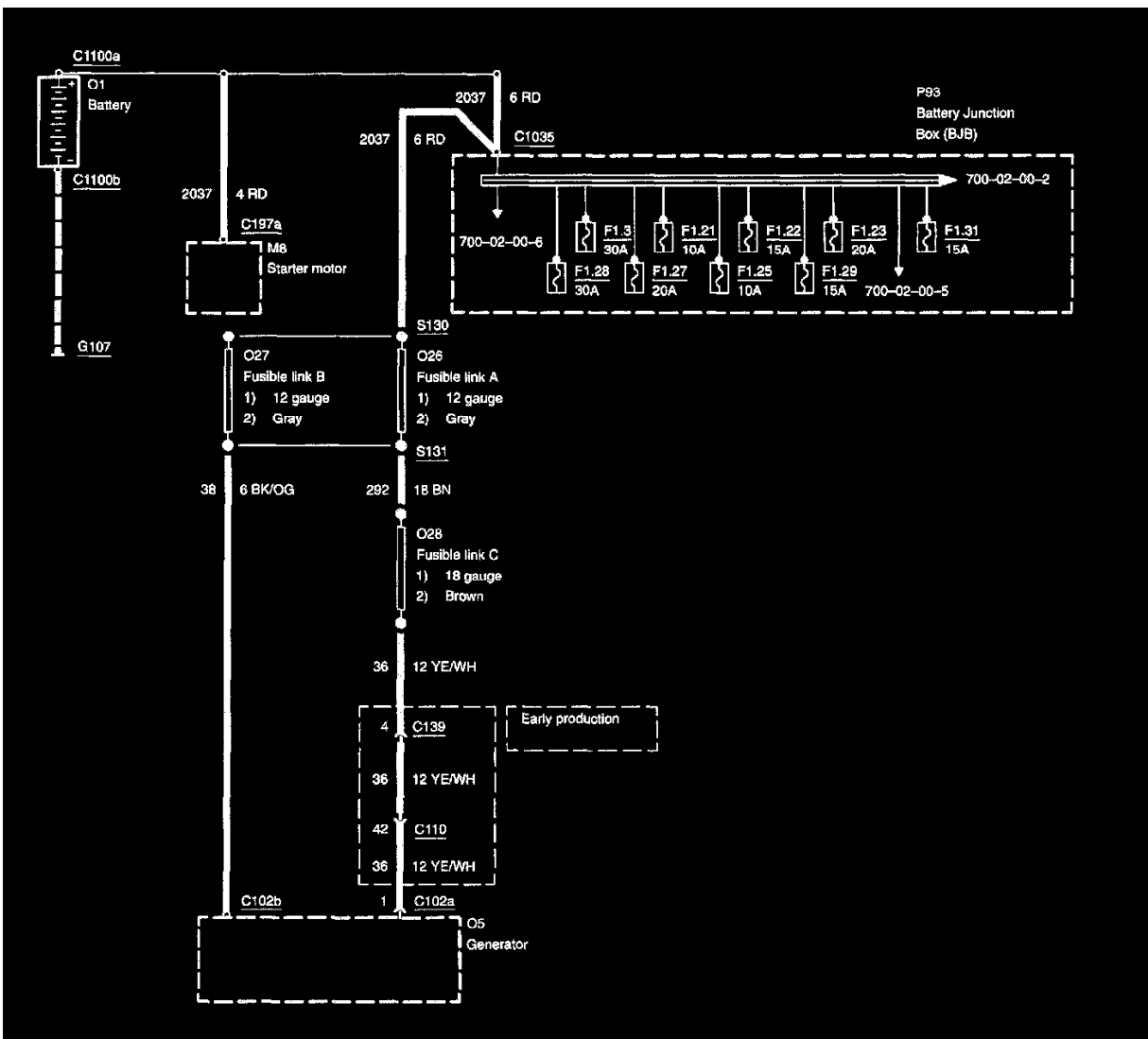


Diagram 700-02-00-1

F 2.22

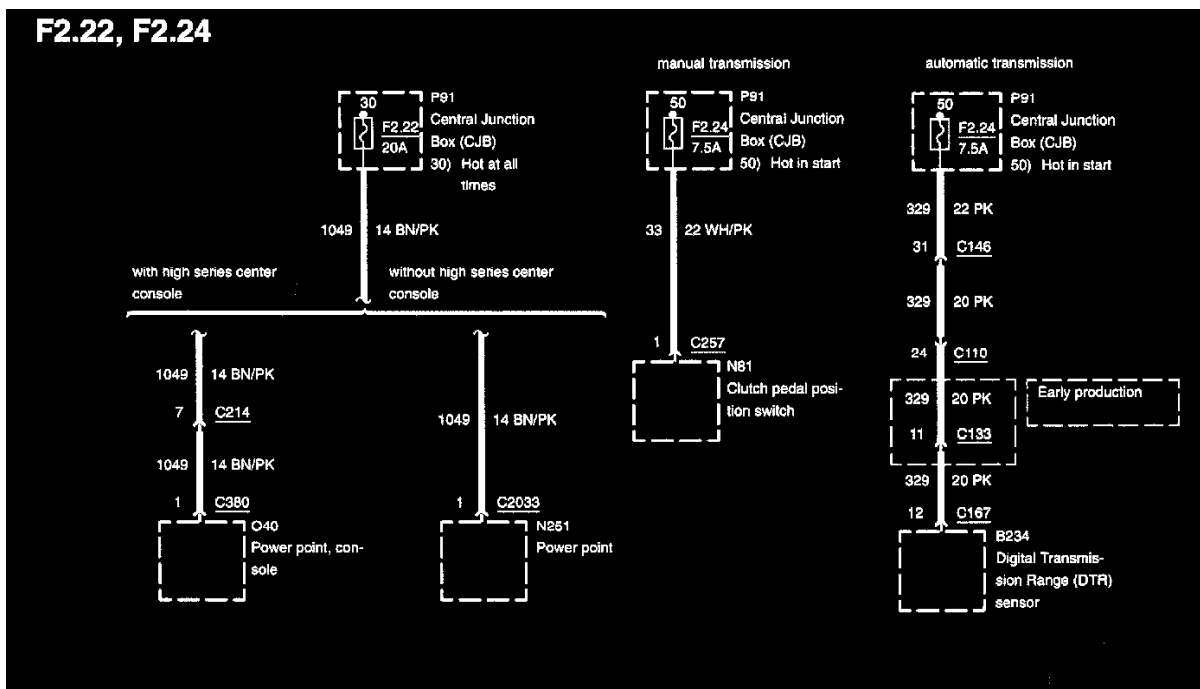


Diagram 700-03-00-24

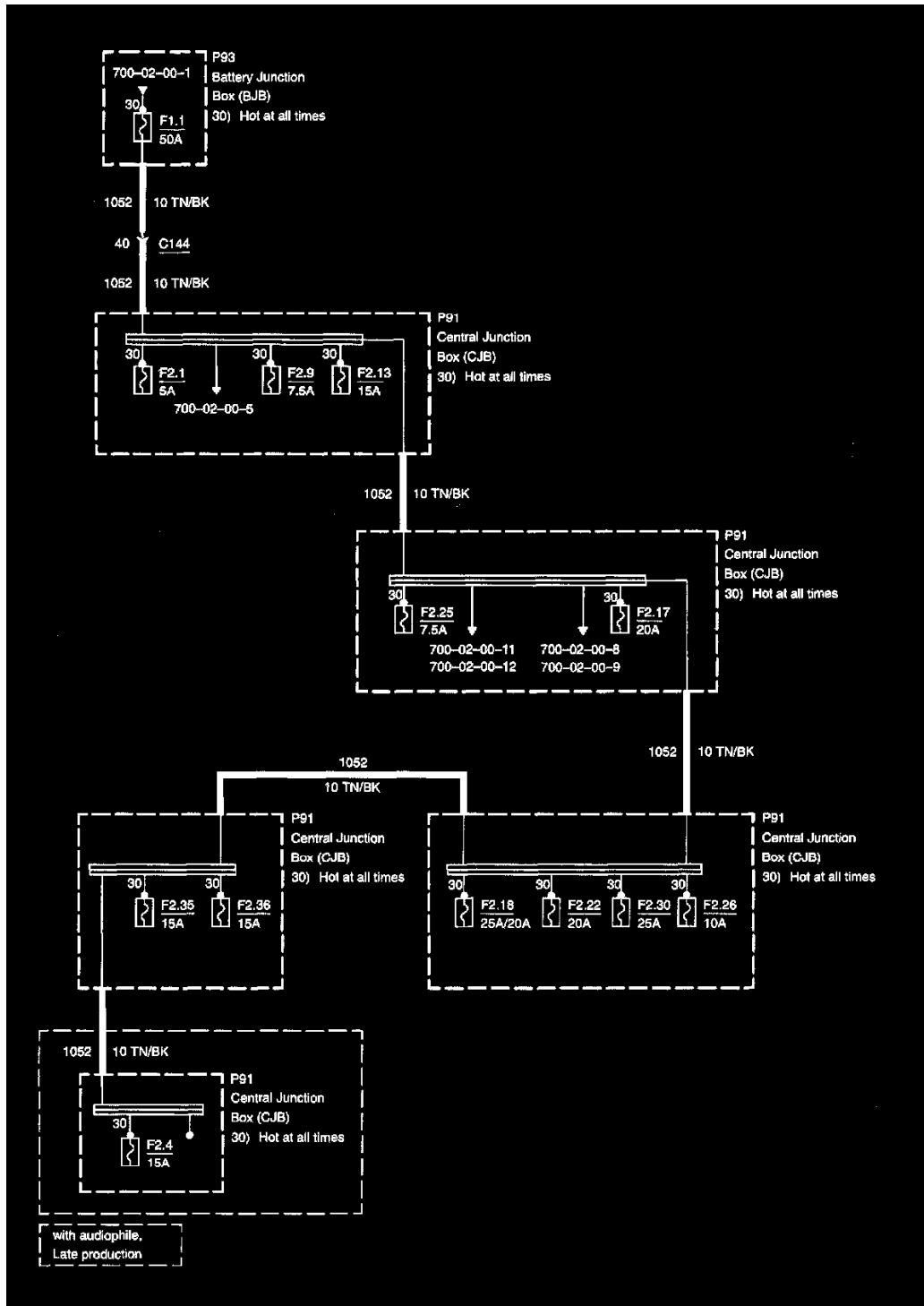


Diagram 700-02-00-6

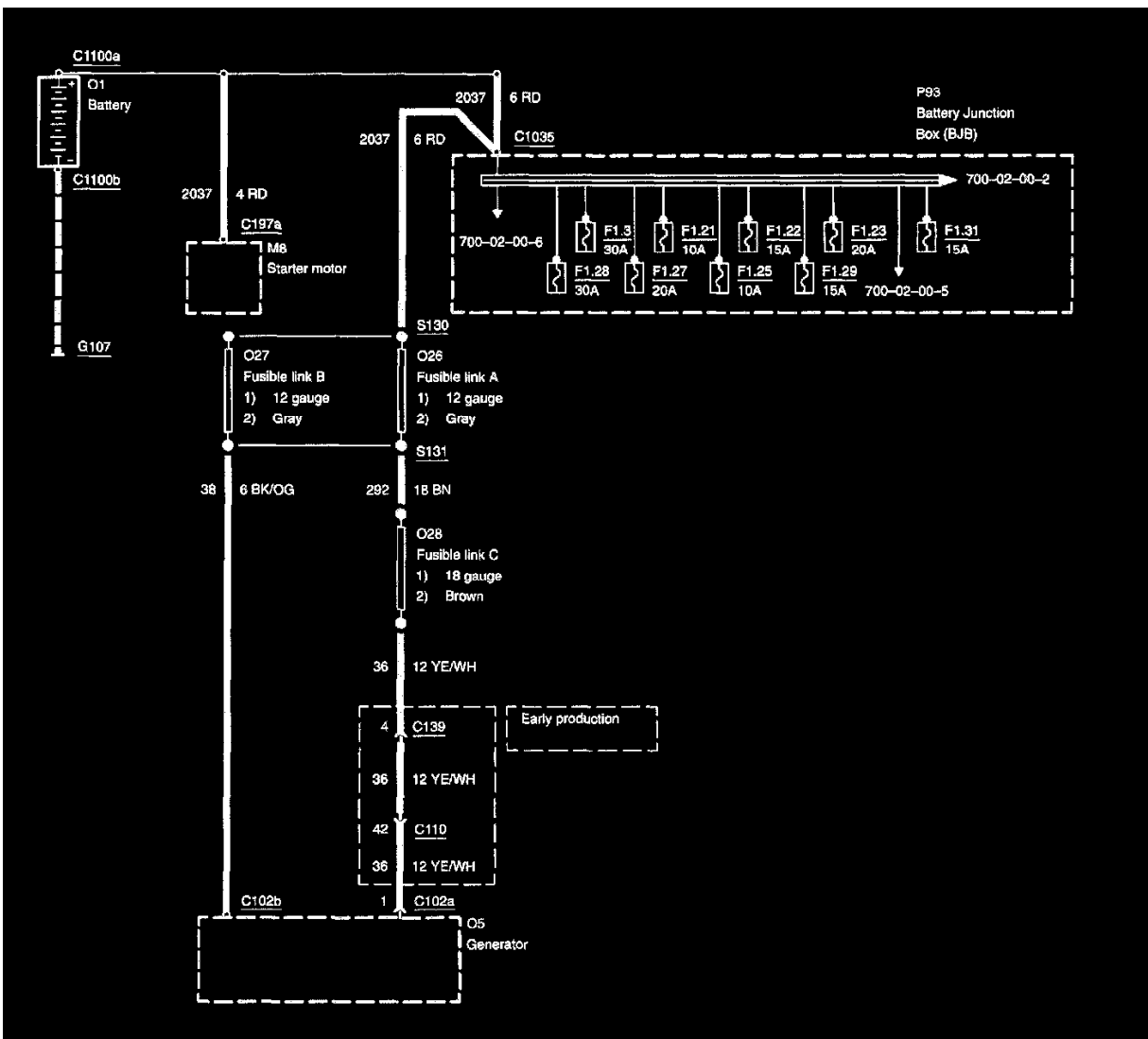


Diagram 700-02-00-1

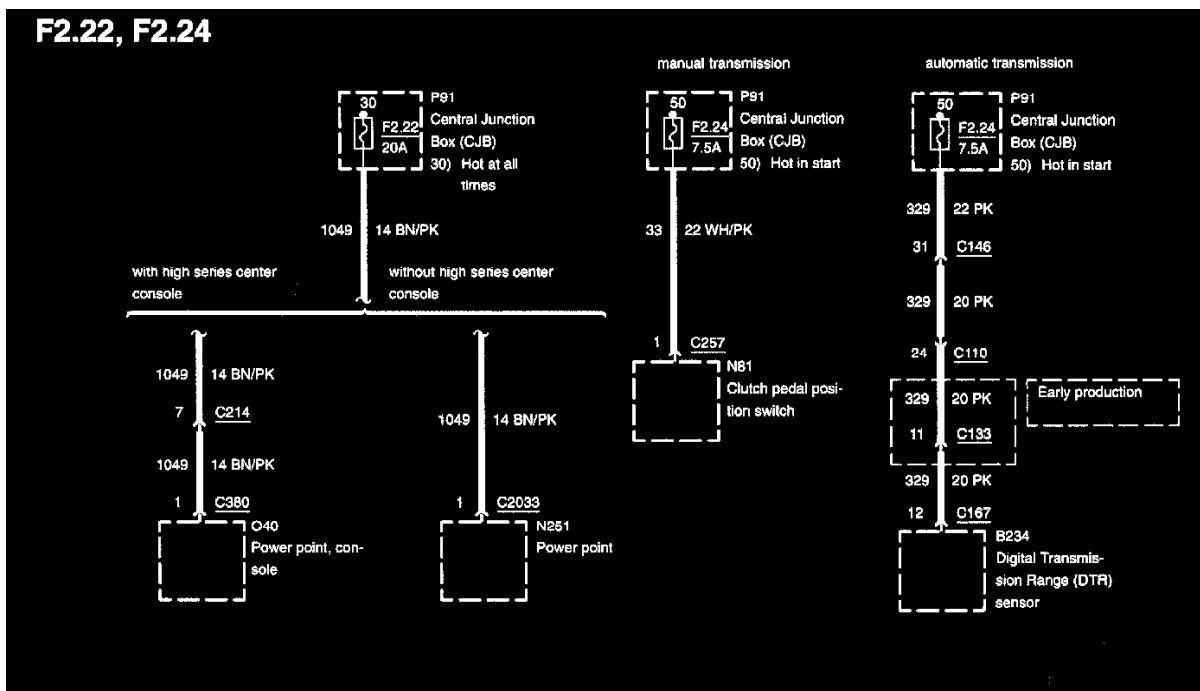
F 2.24

Diagram 700-03-00-24

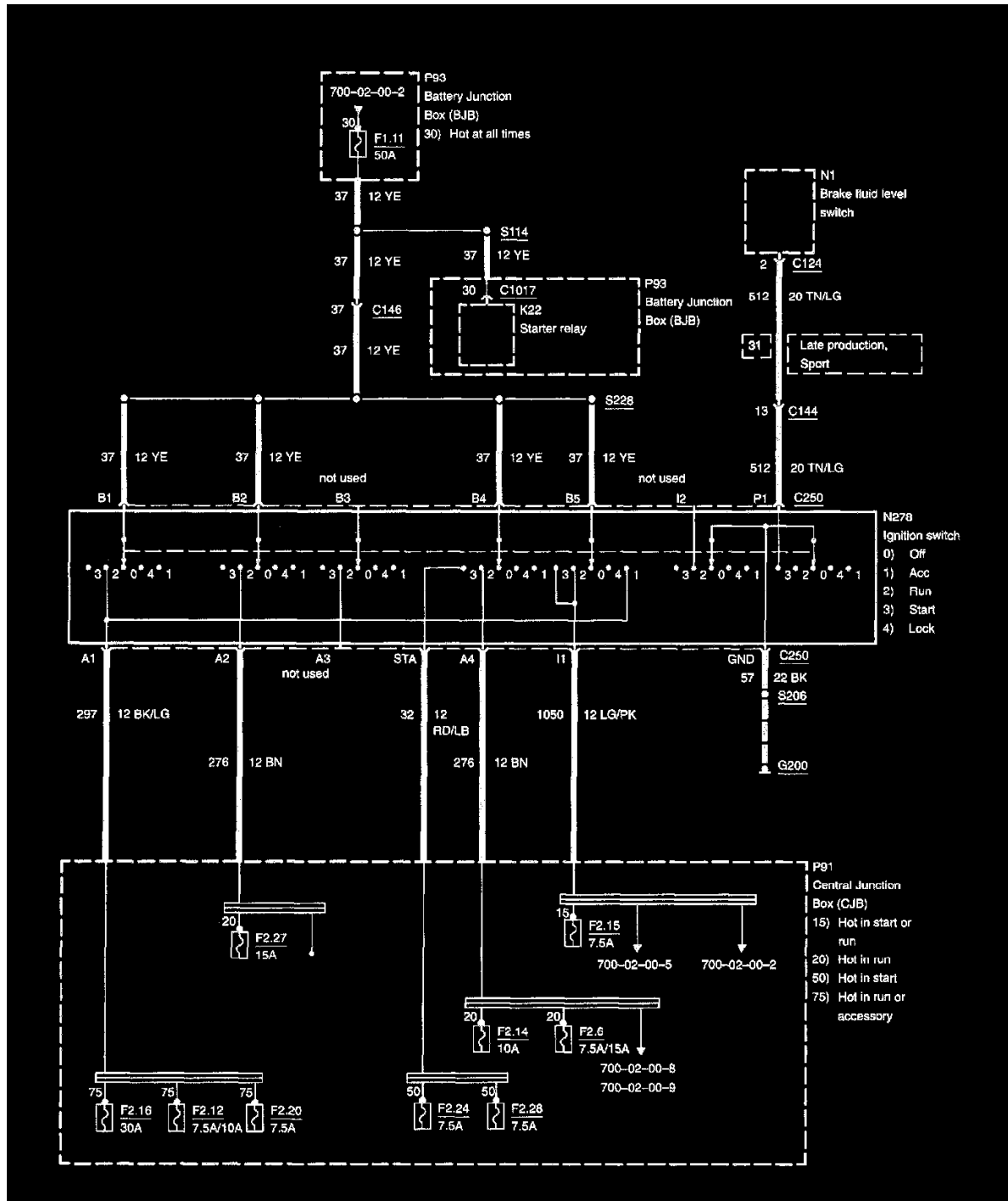


Diagram 700-02-00-7

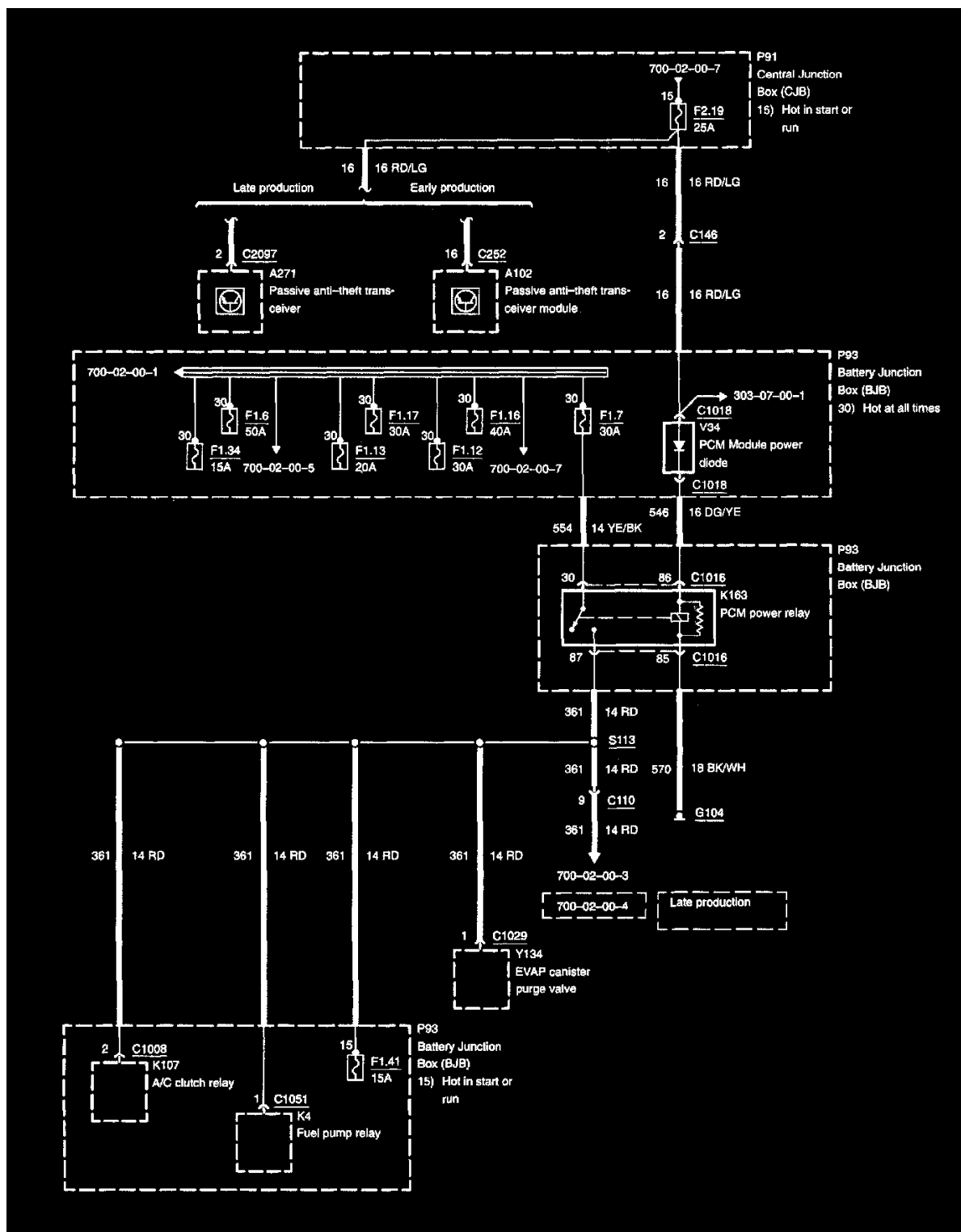


Diagram 700-02-00-2

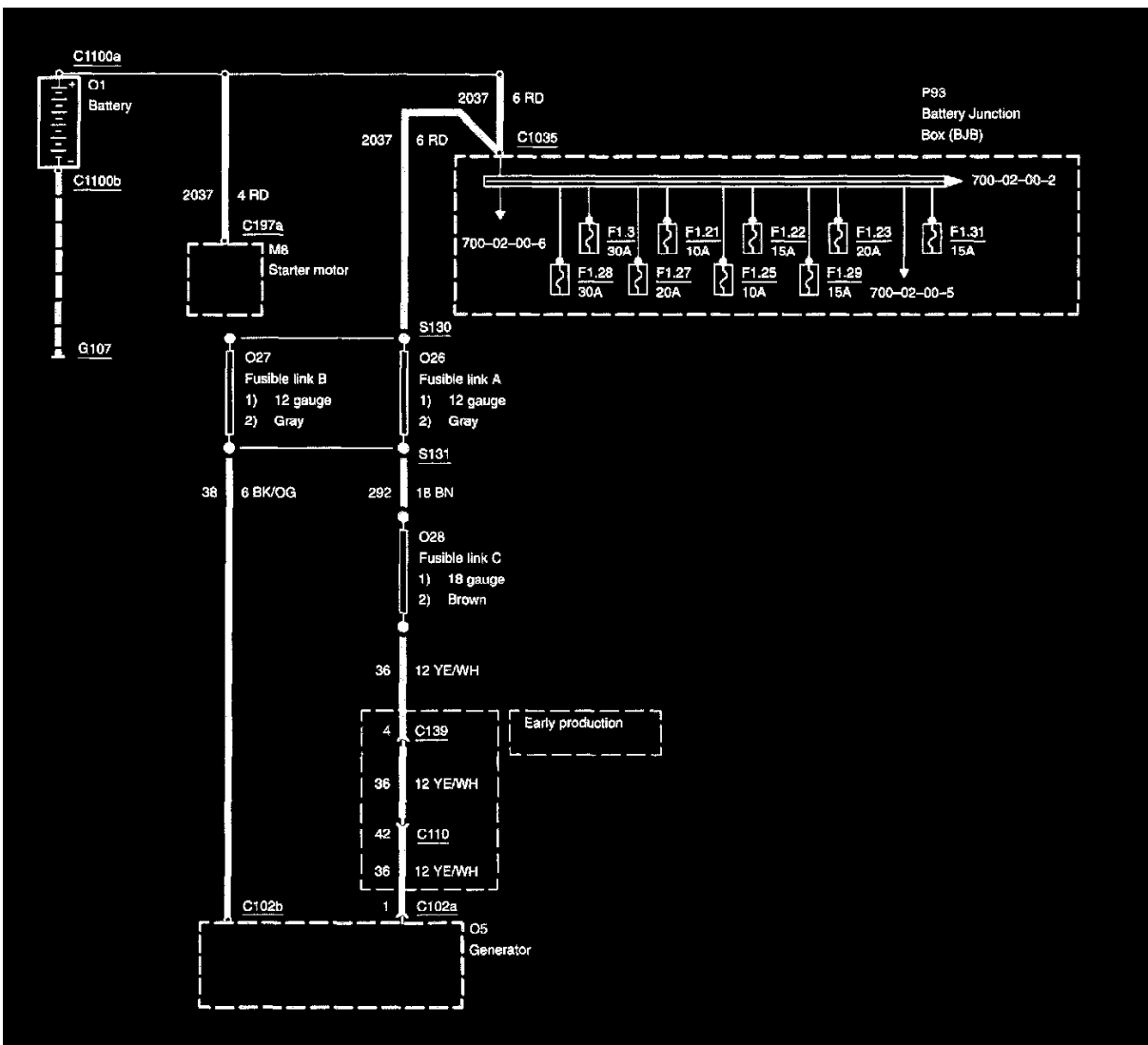


Diagram 700-02-00-1

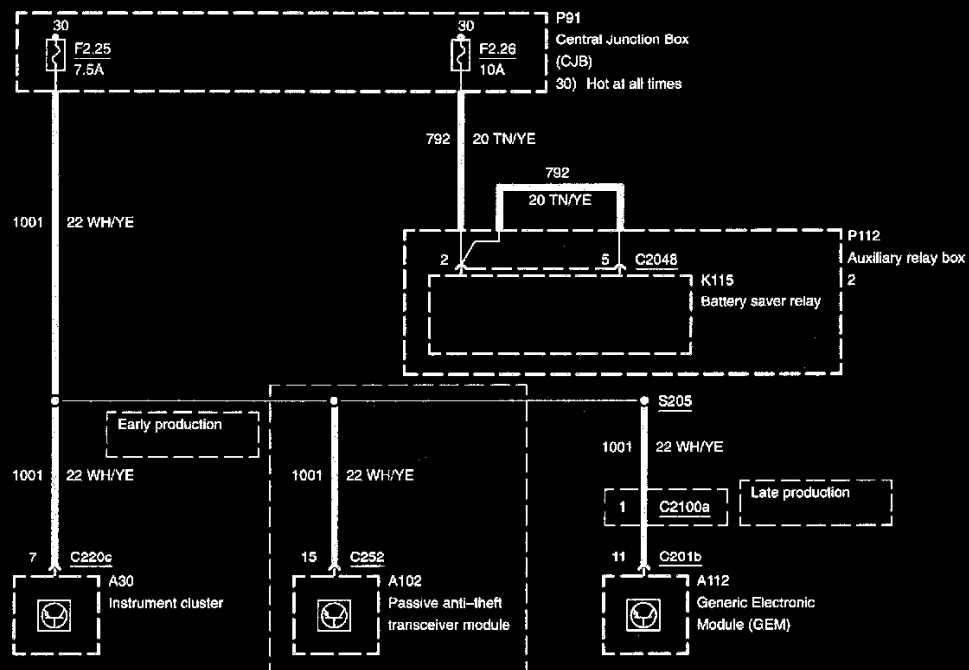
F2.25, F2.26

Diagram 700-03-00-25

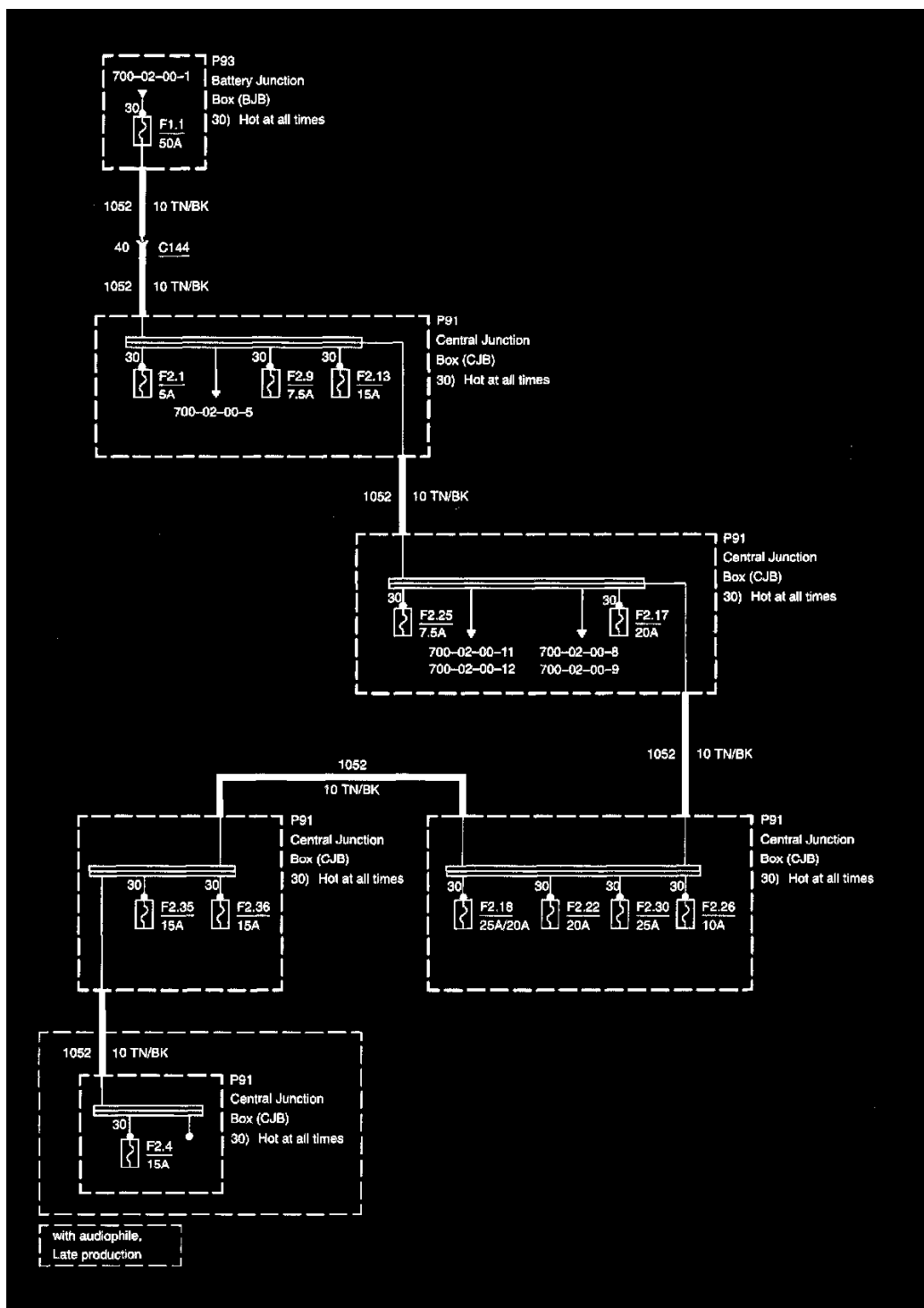
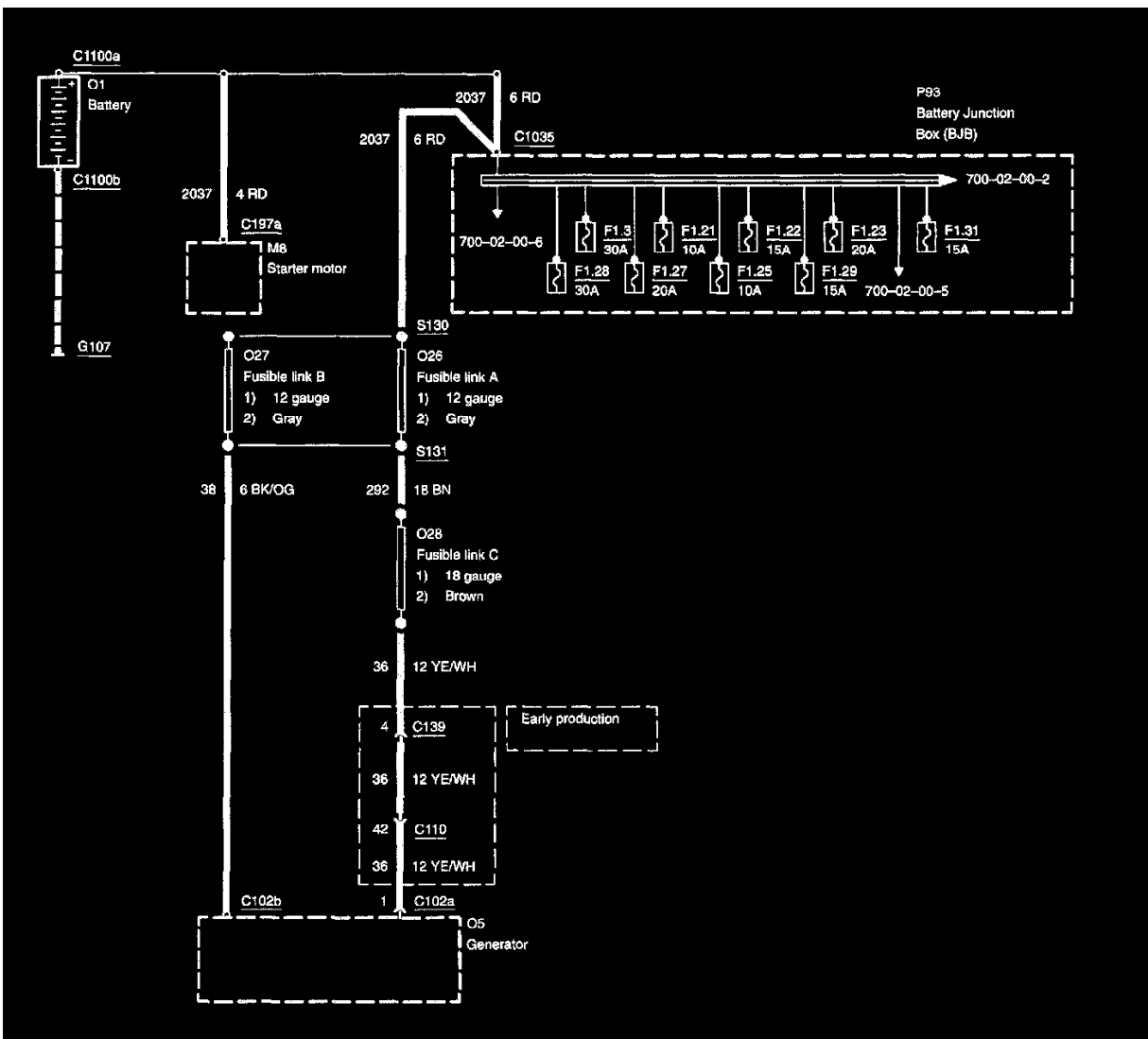


Diagram 700-02-00-6



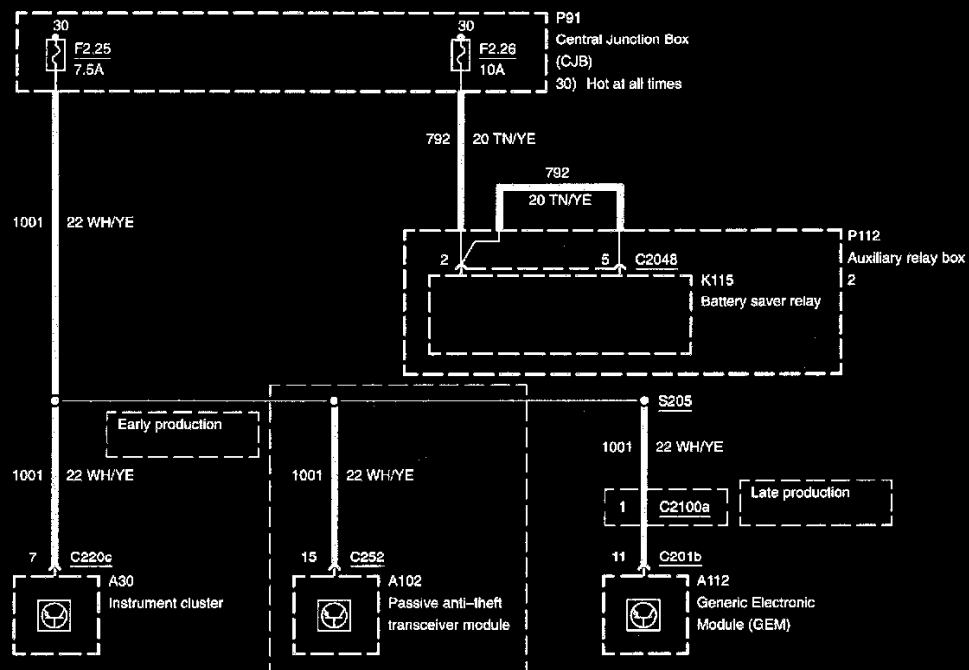
F2.25, F2.26

Diagram 700-03-00-25

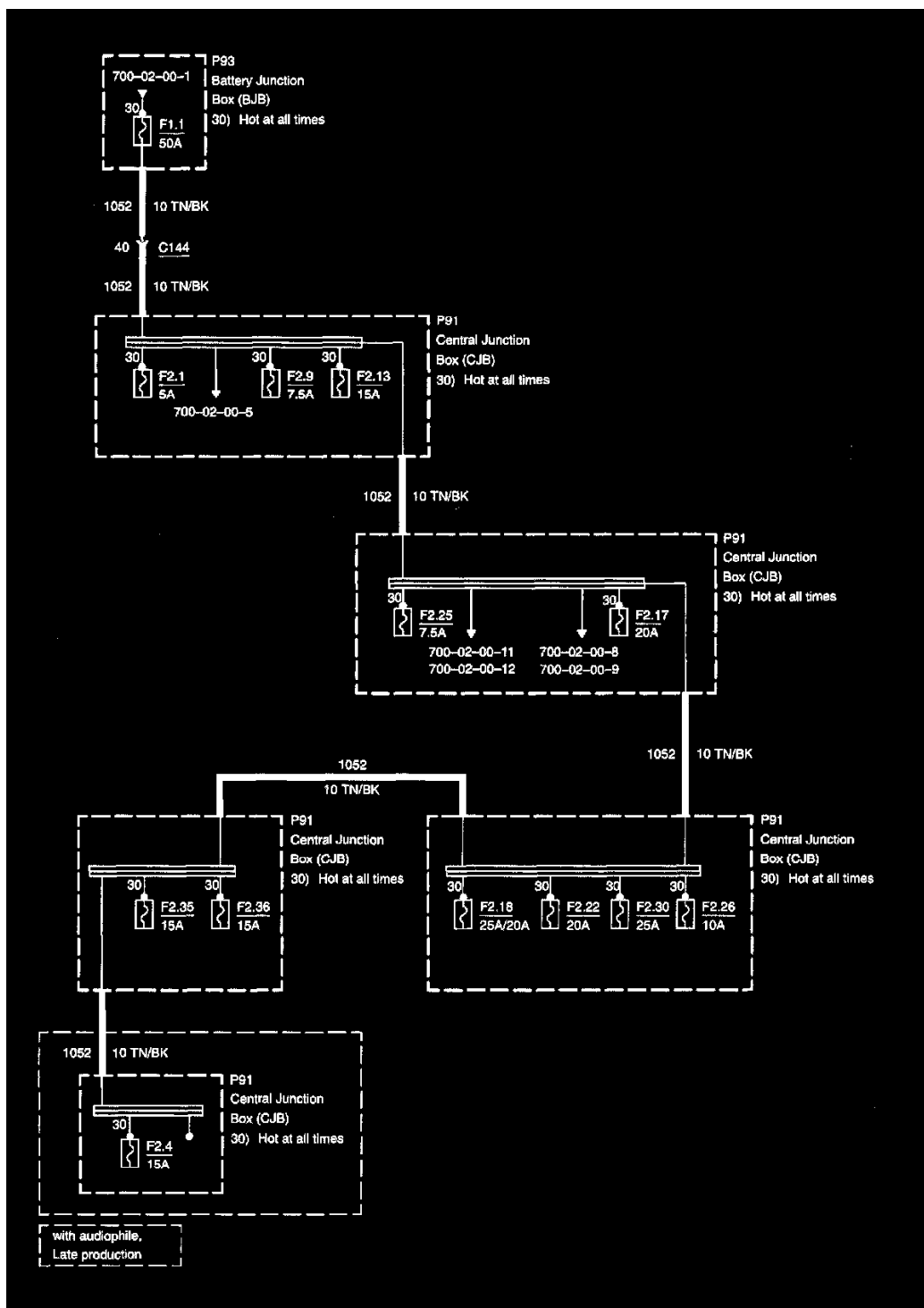
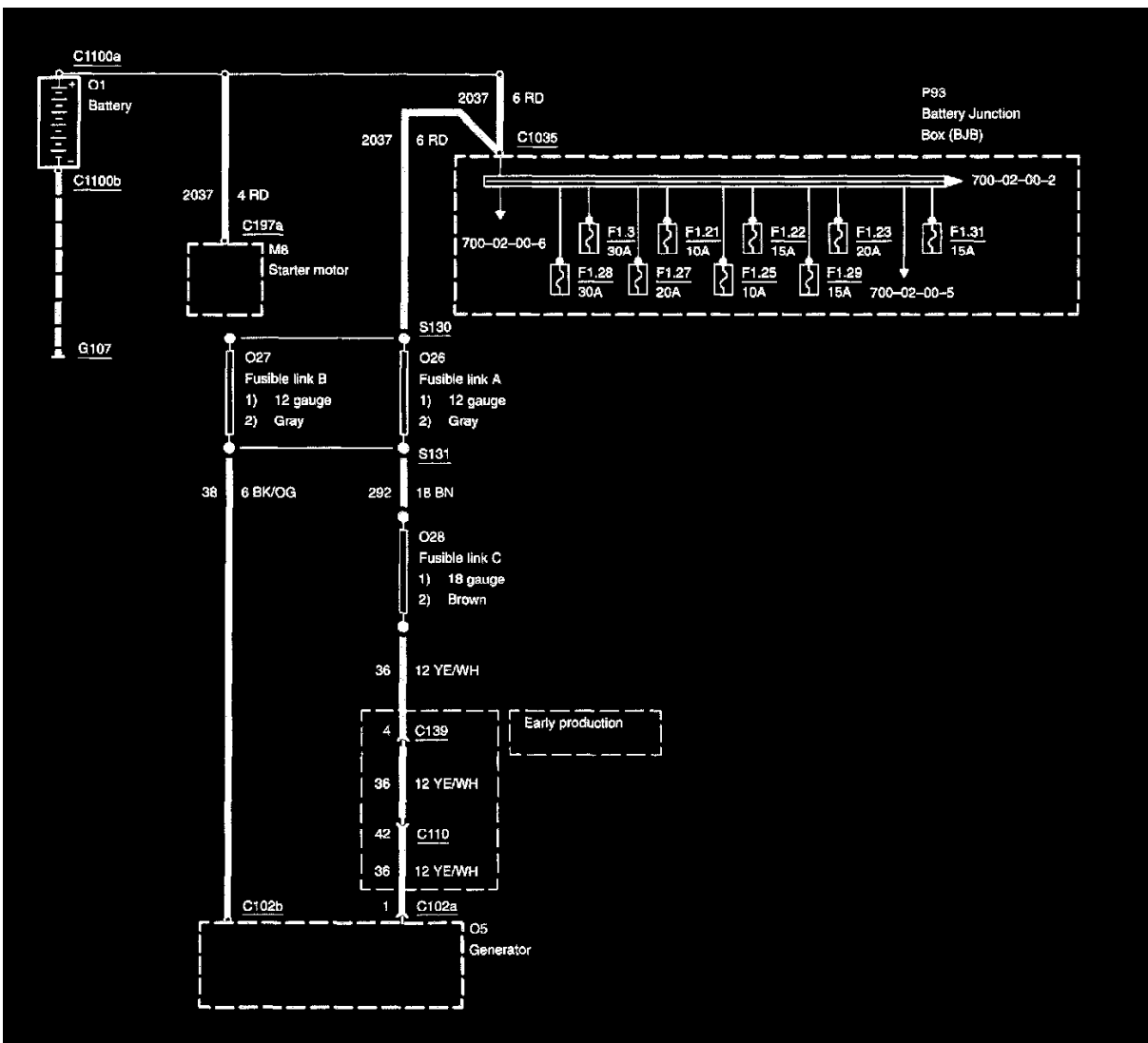


Diagram 700-02-00-6



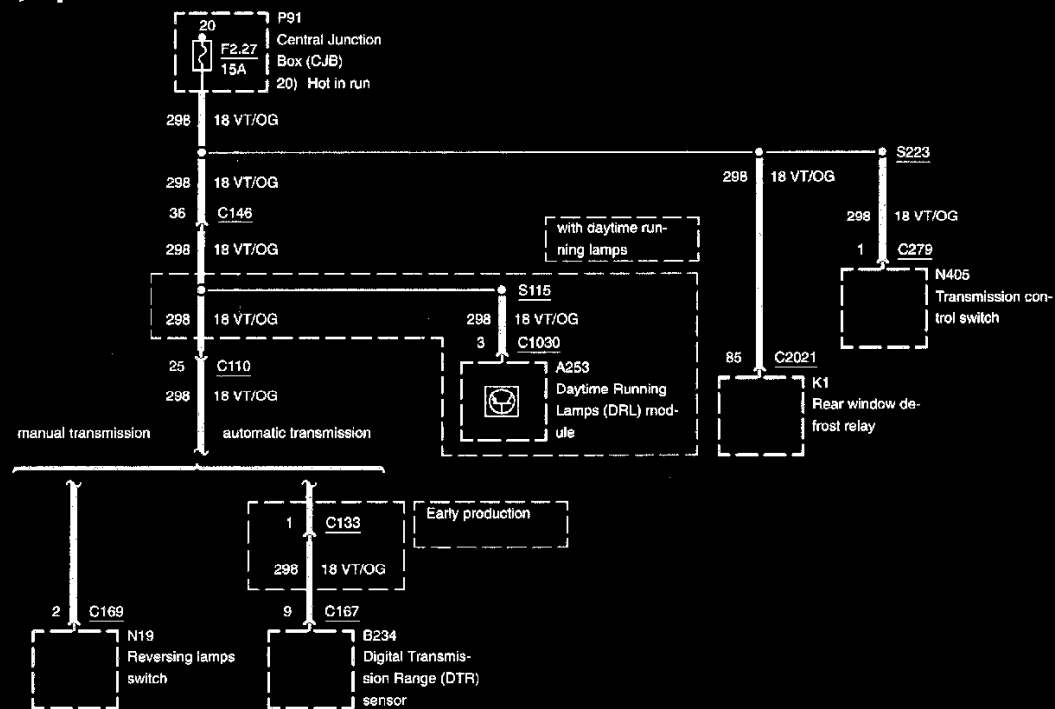


Diagram 700-03-00-26

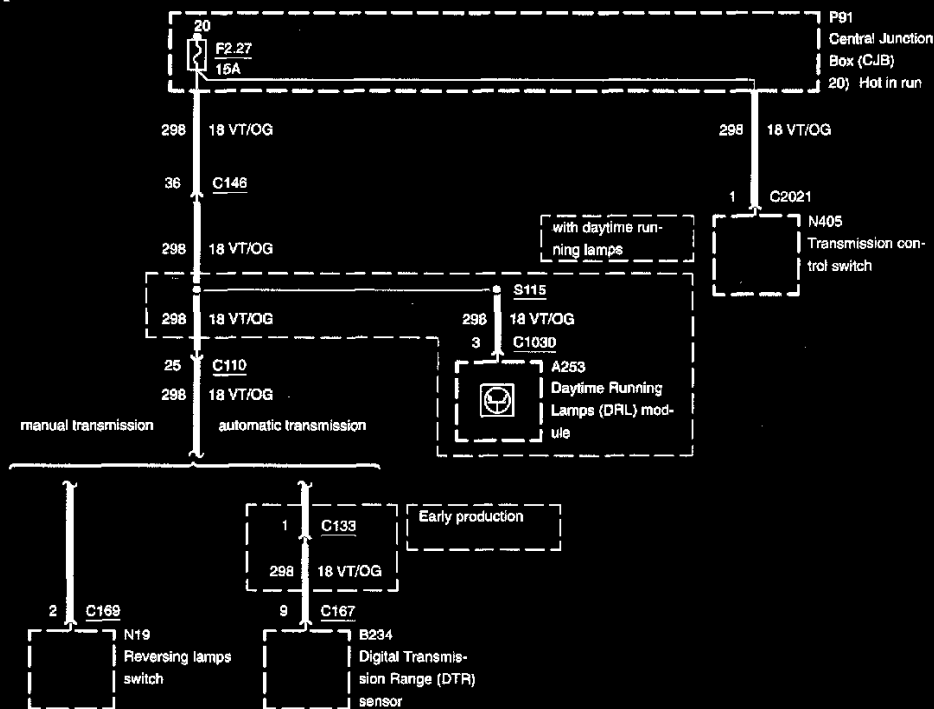


Diagram 700-03-00-27



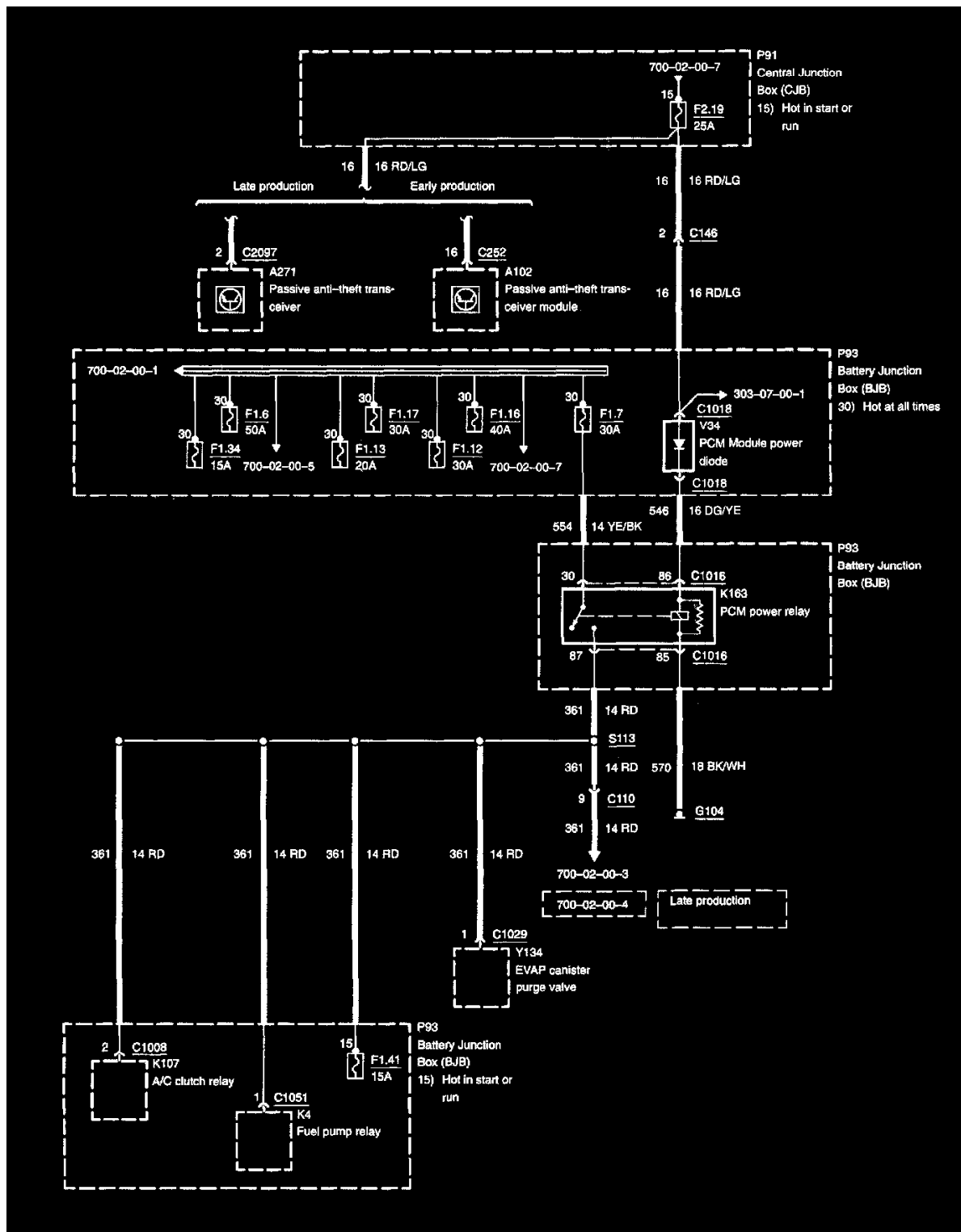
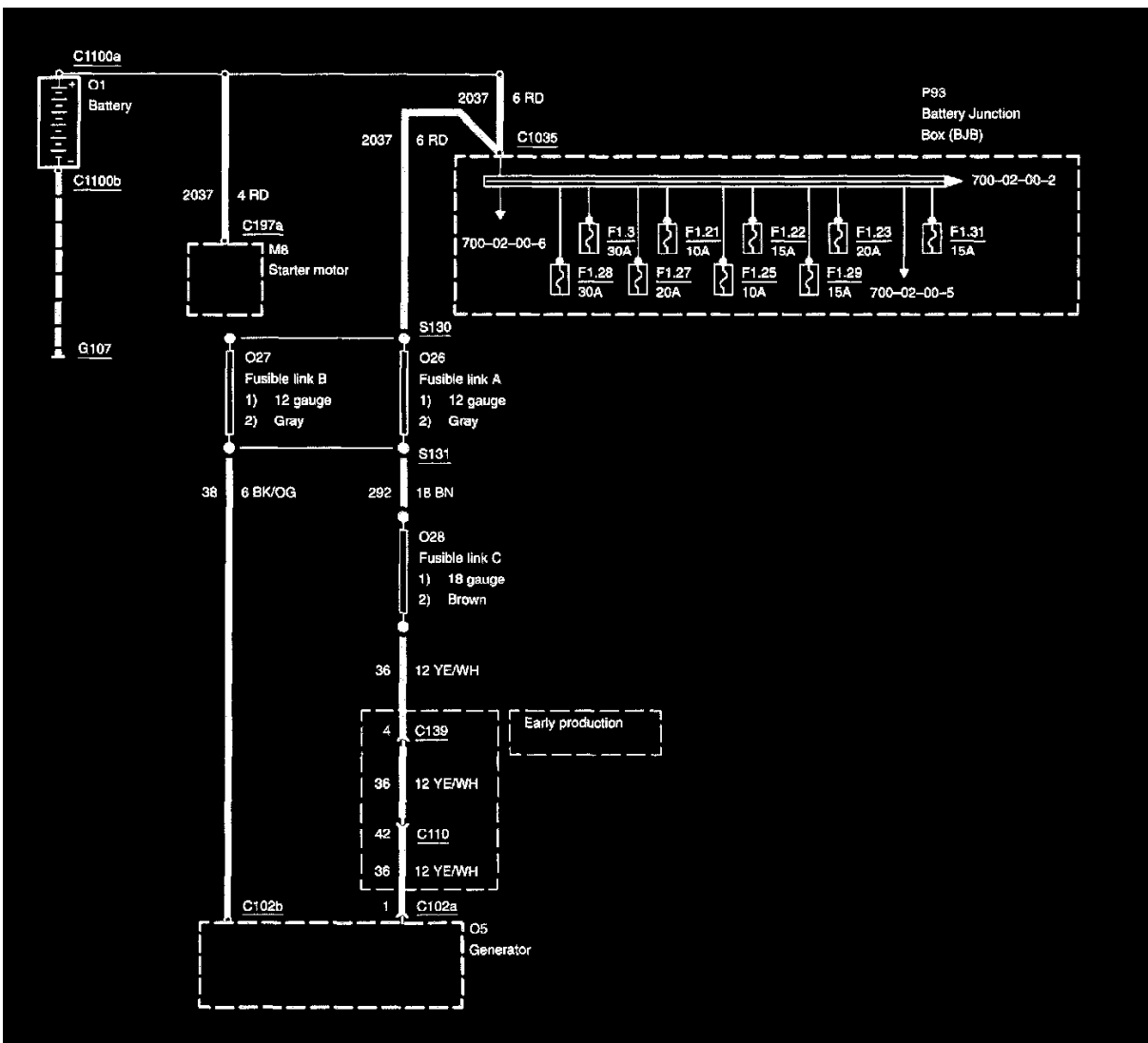


Diagram 700-02-00-2



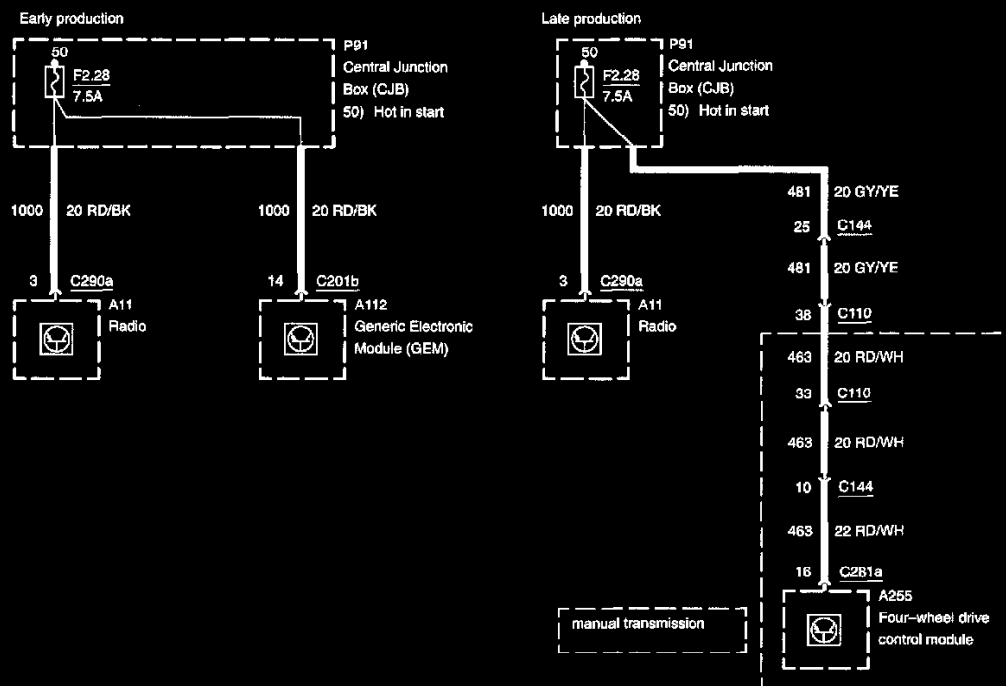
F2.28

Diagram 700-03-00-28

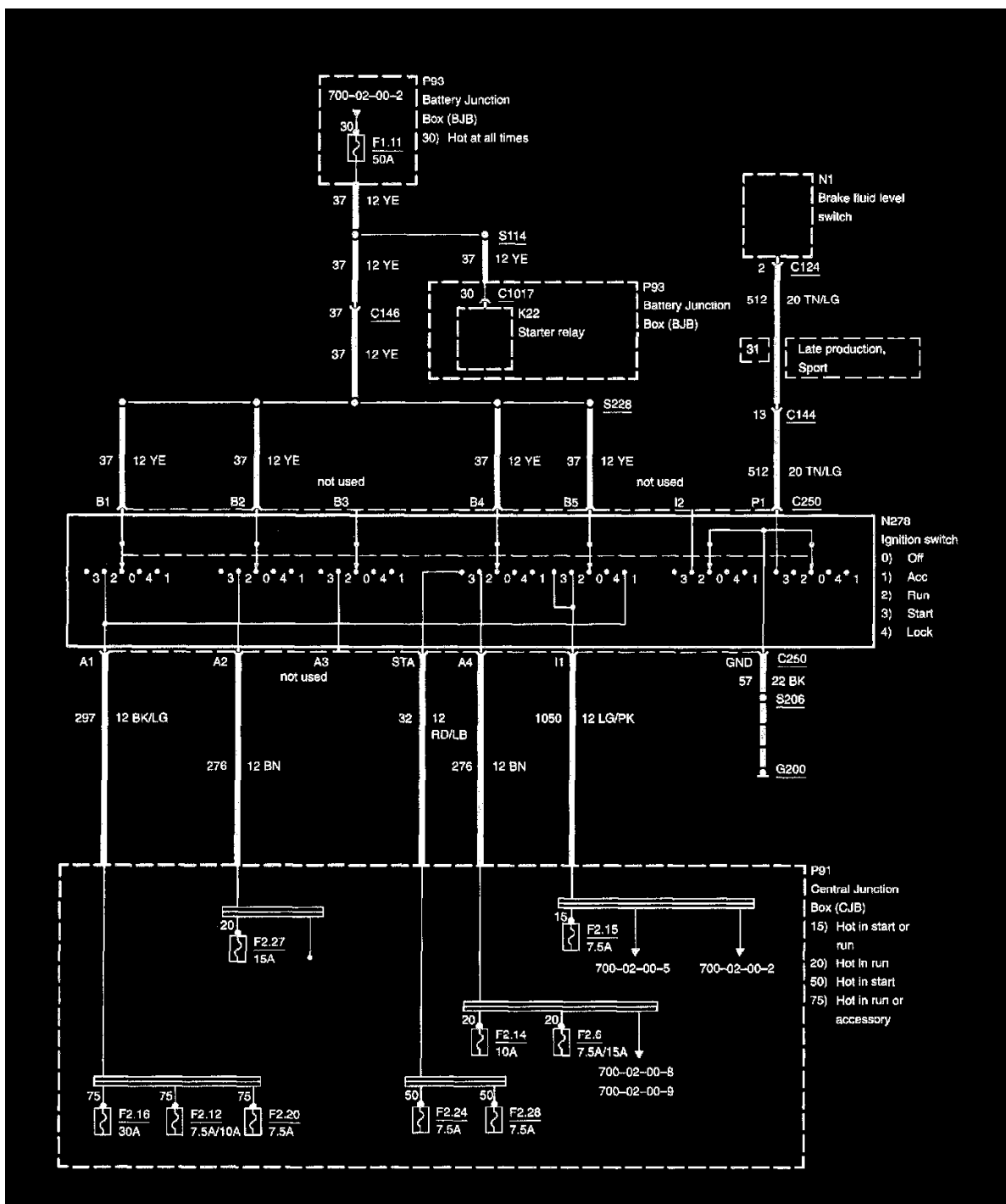


Diagram 700-02-00-7



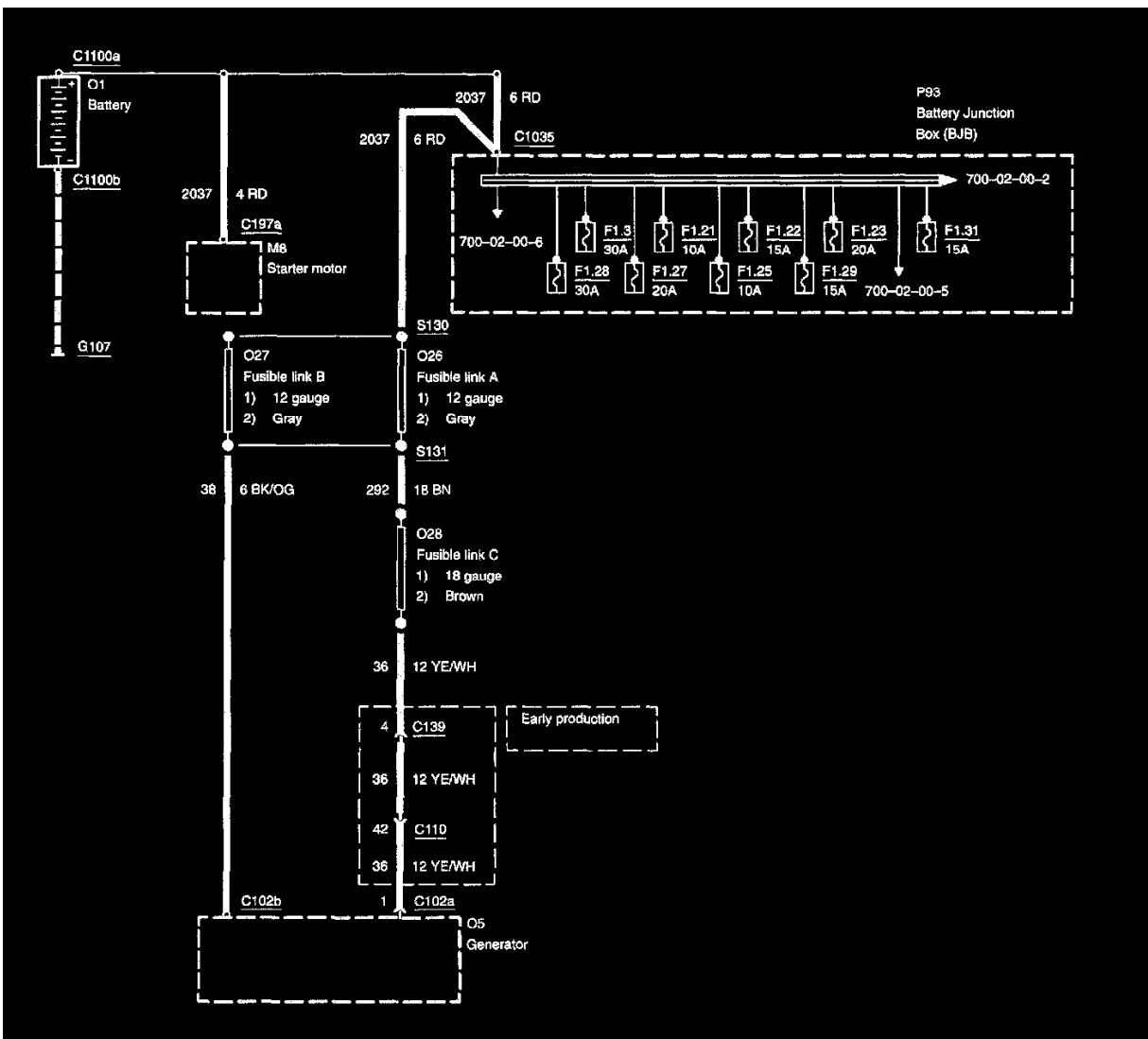


Diagram 700-02-00-1

F 2.30

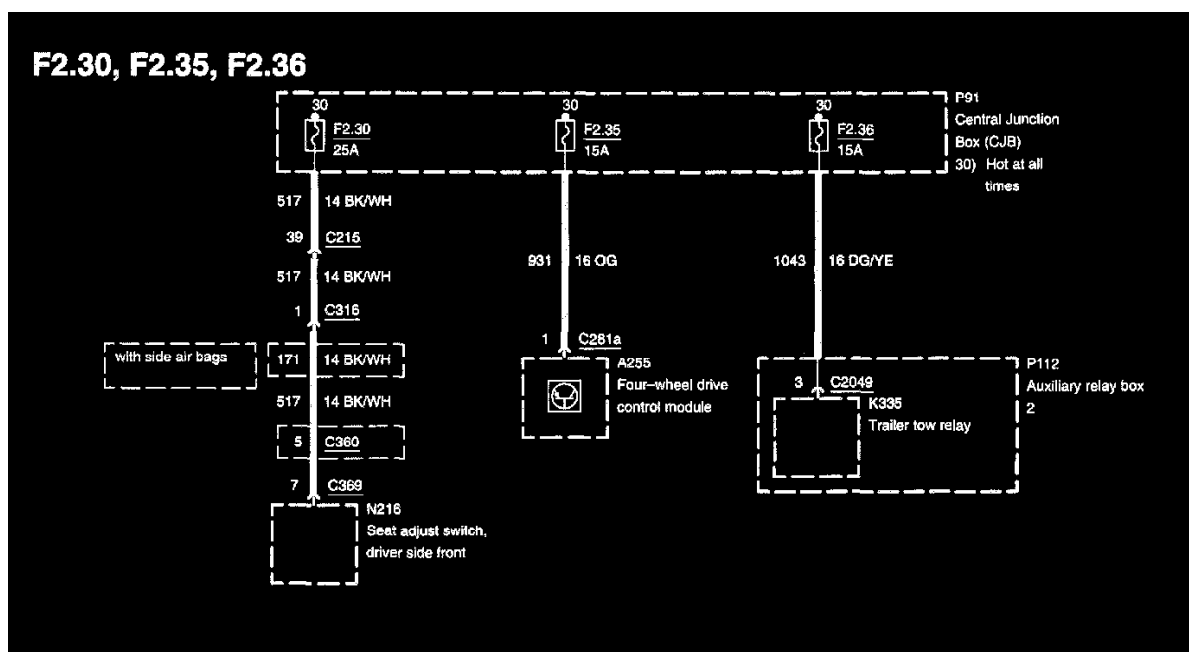


Diagram 700-03-00-29

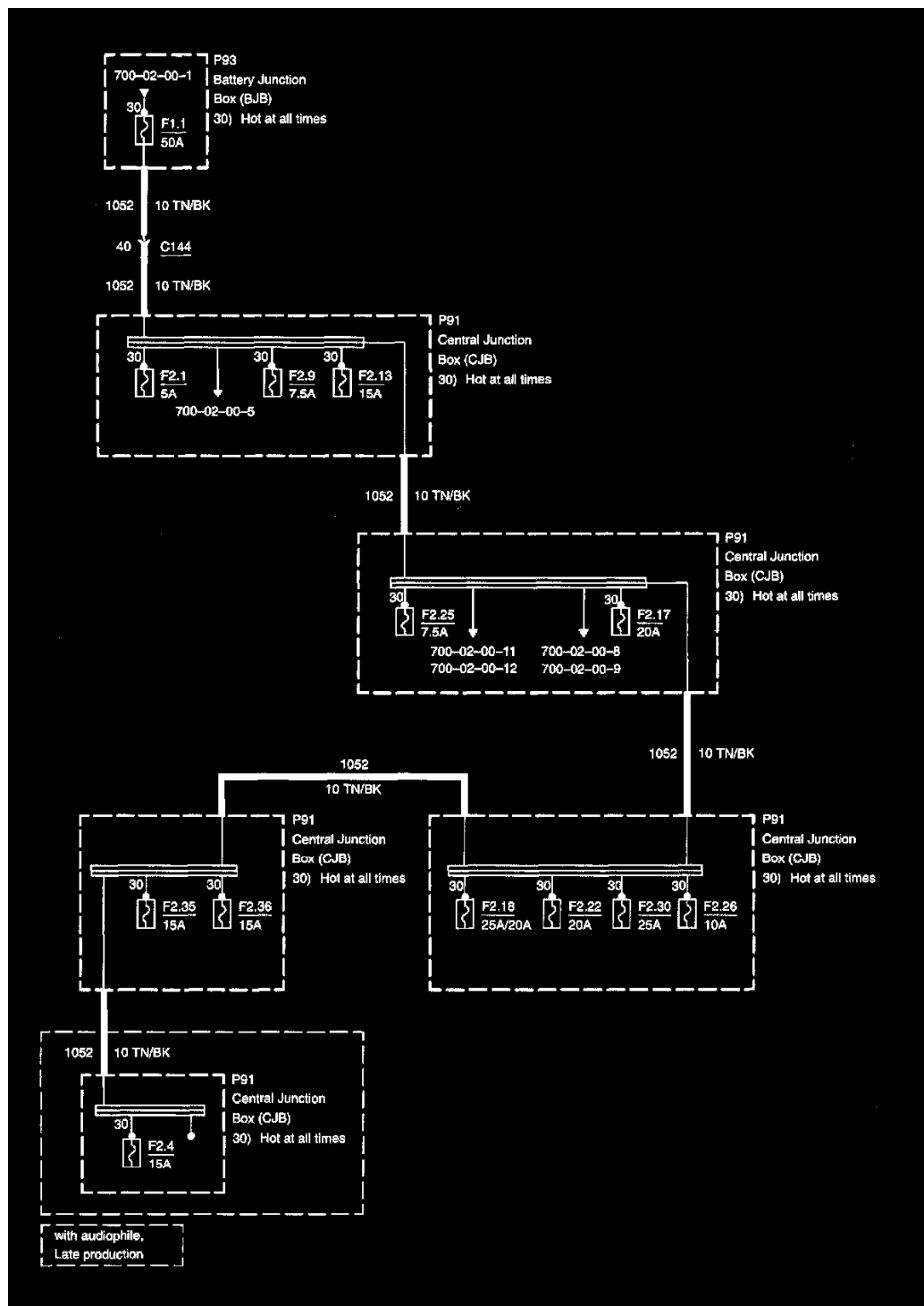


Diagram 700-02-00-6

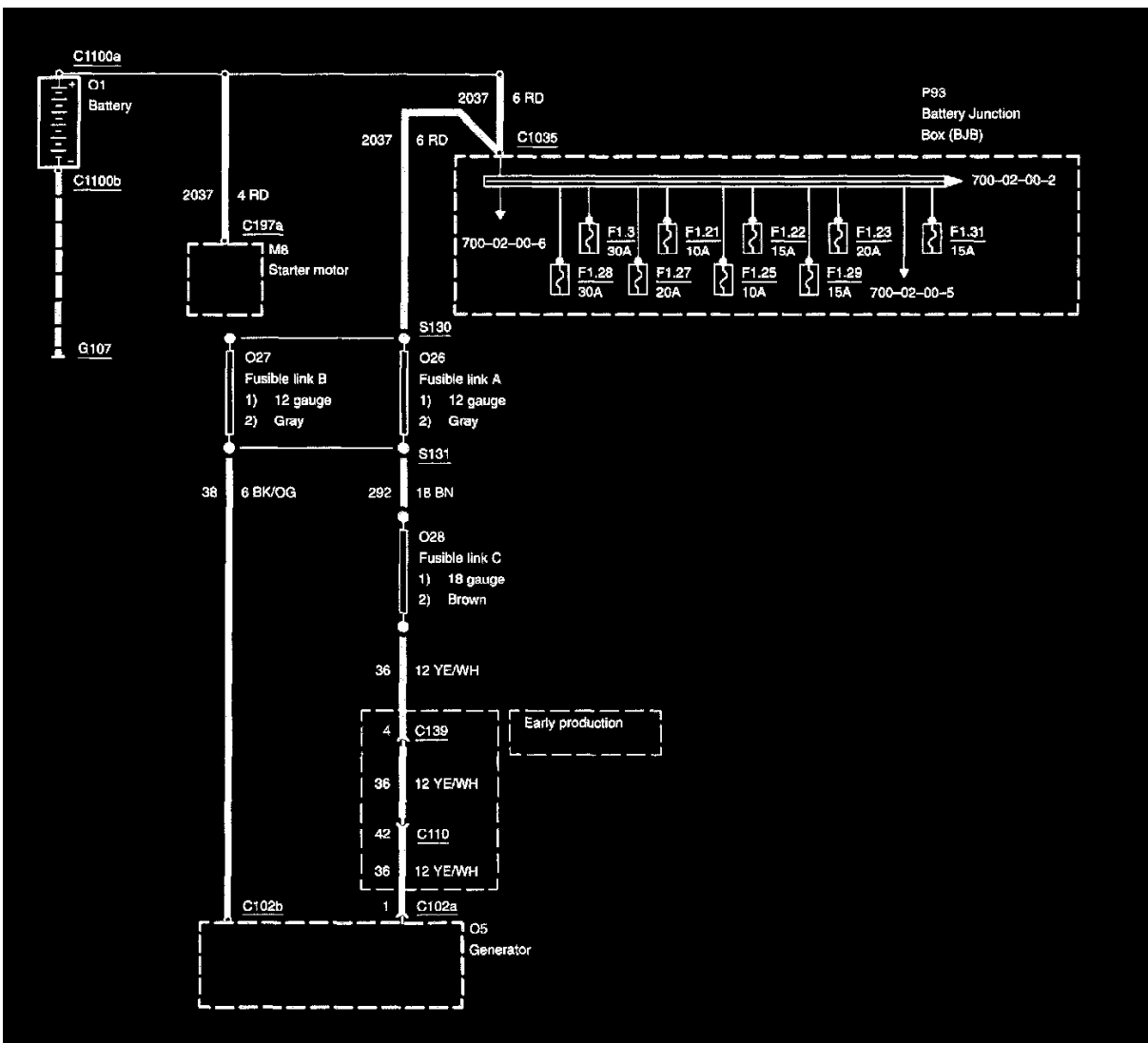


Diagram 700-02-00-1

With high series
center console

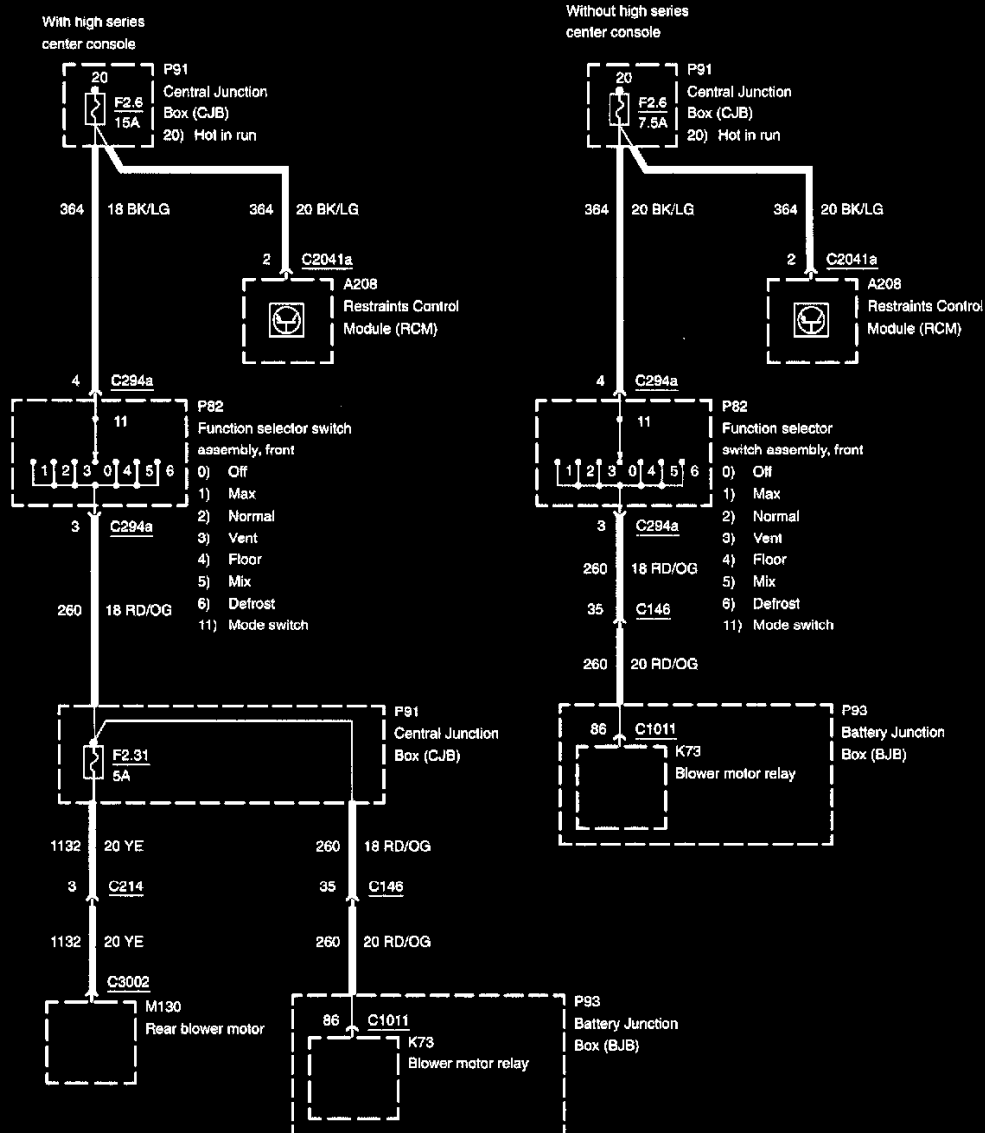


Diagram 700-03-00-12

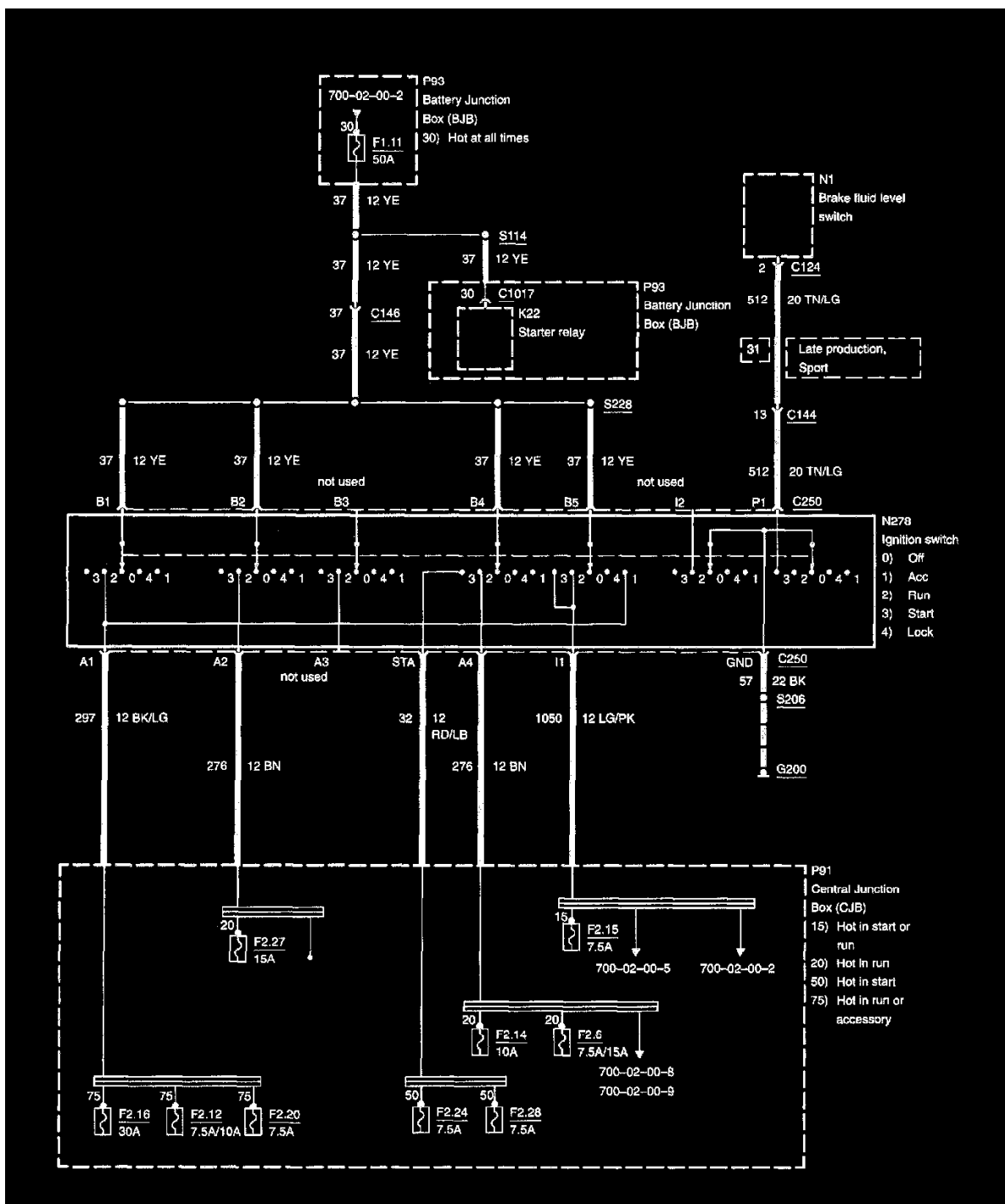


Diagram 700-02-00-7



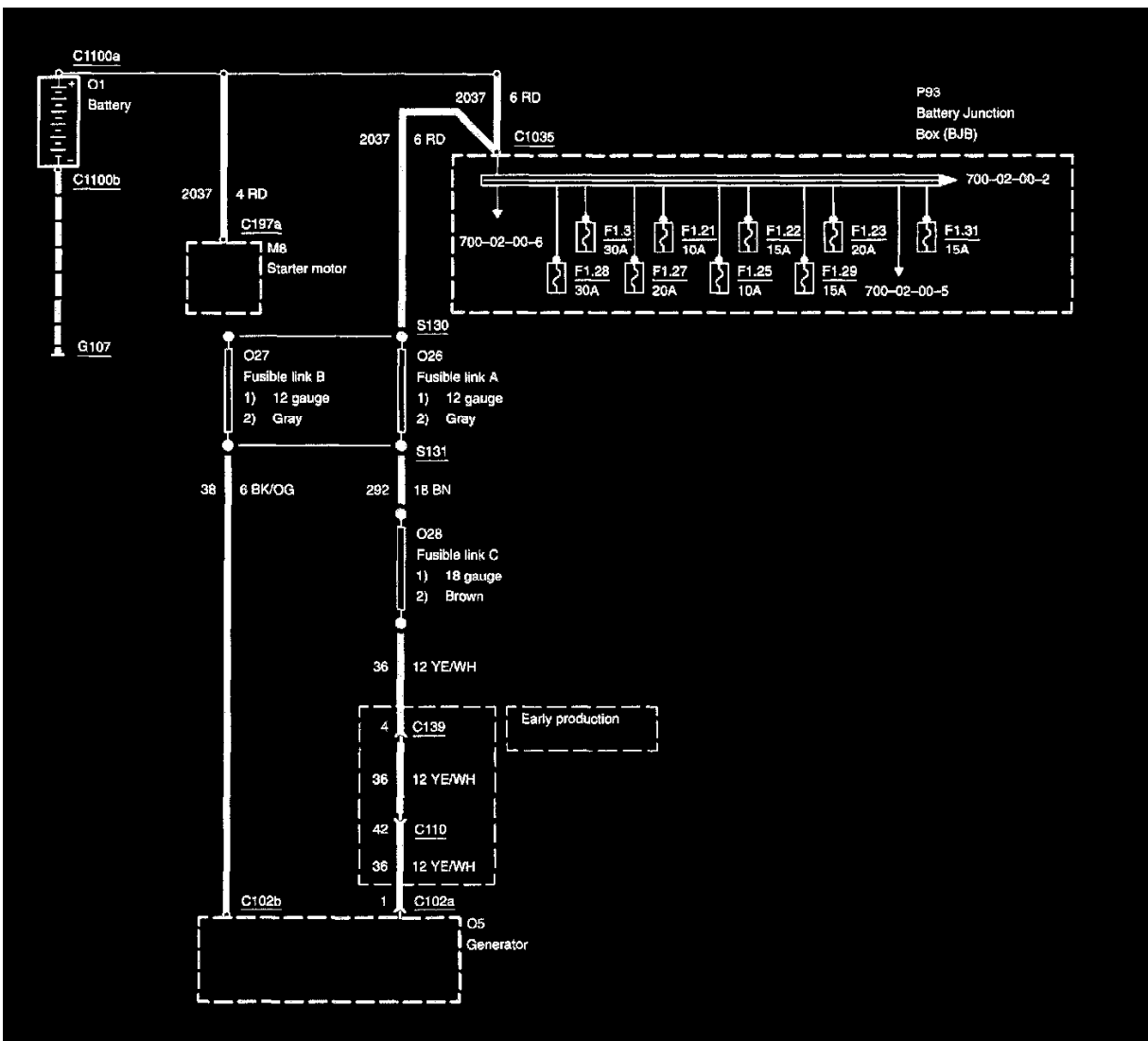


Diagram 700-02-00-1

F 2.35

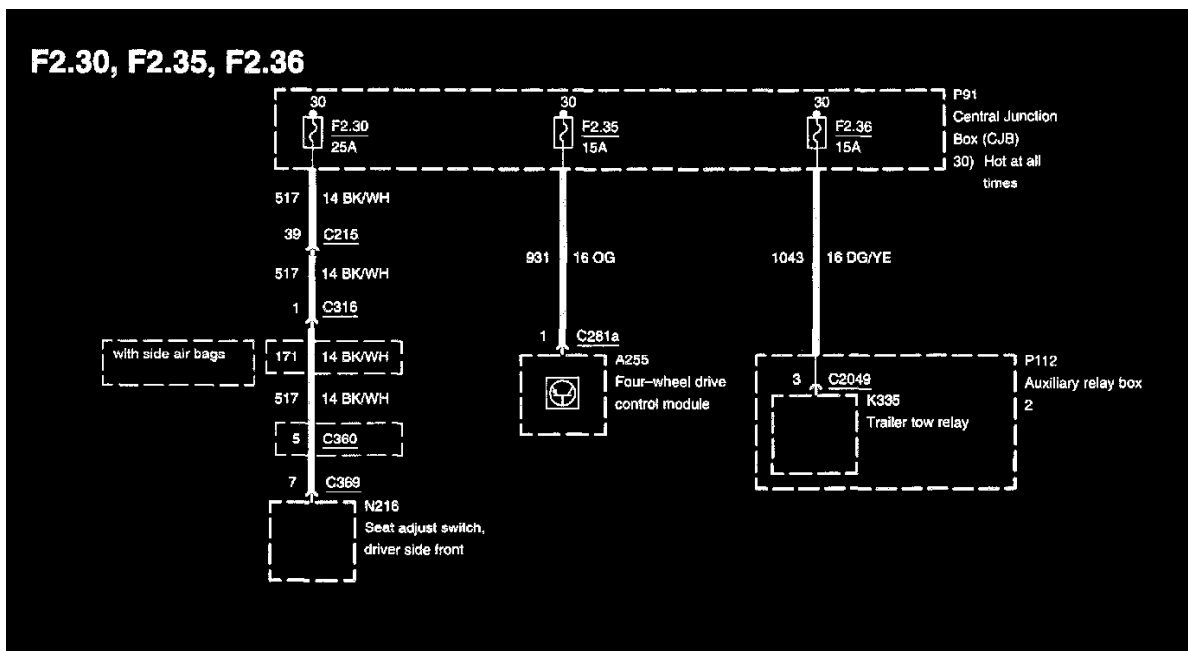


Diagram 700-03-00-29

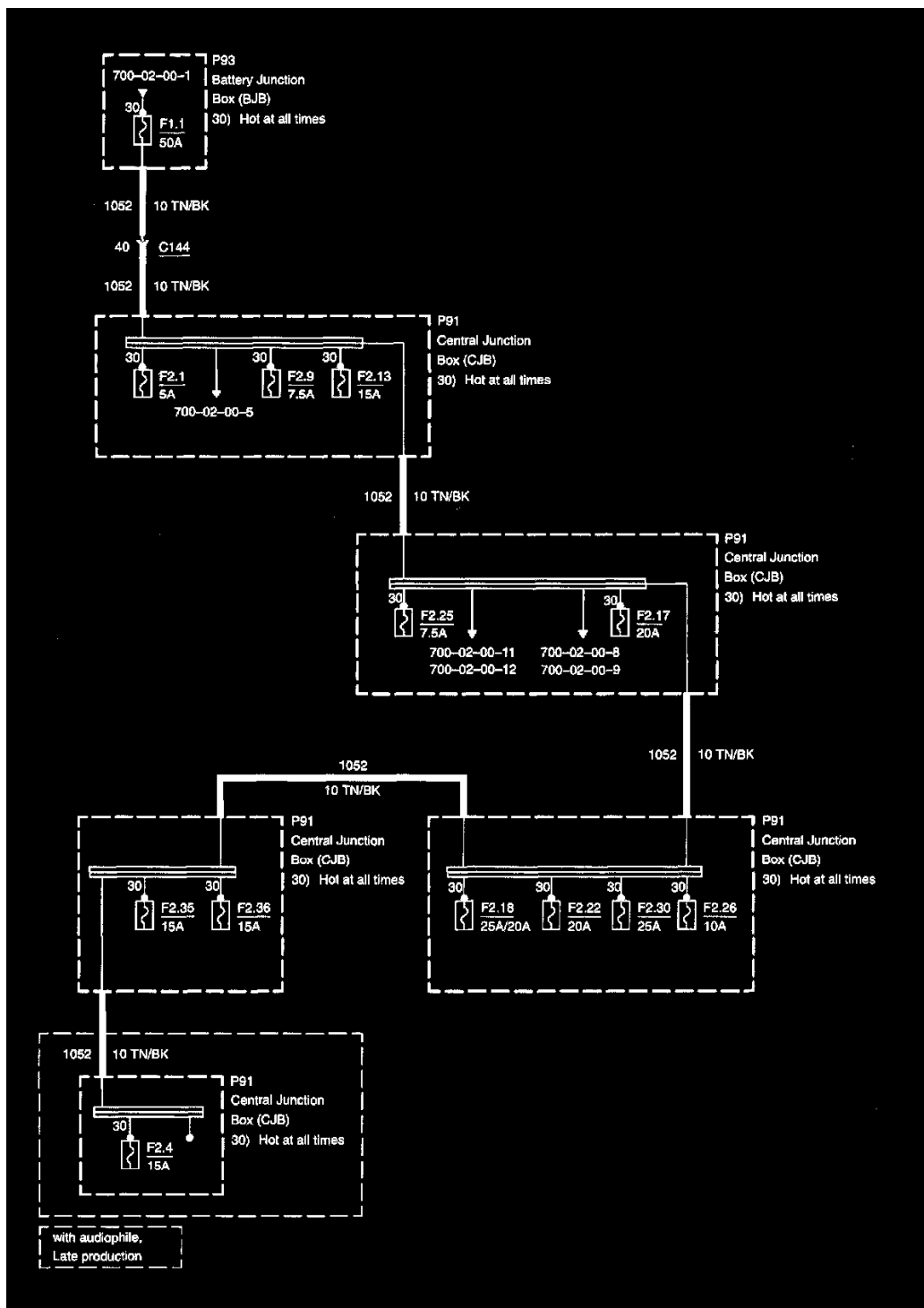


Diagram 700-02-00-6

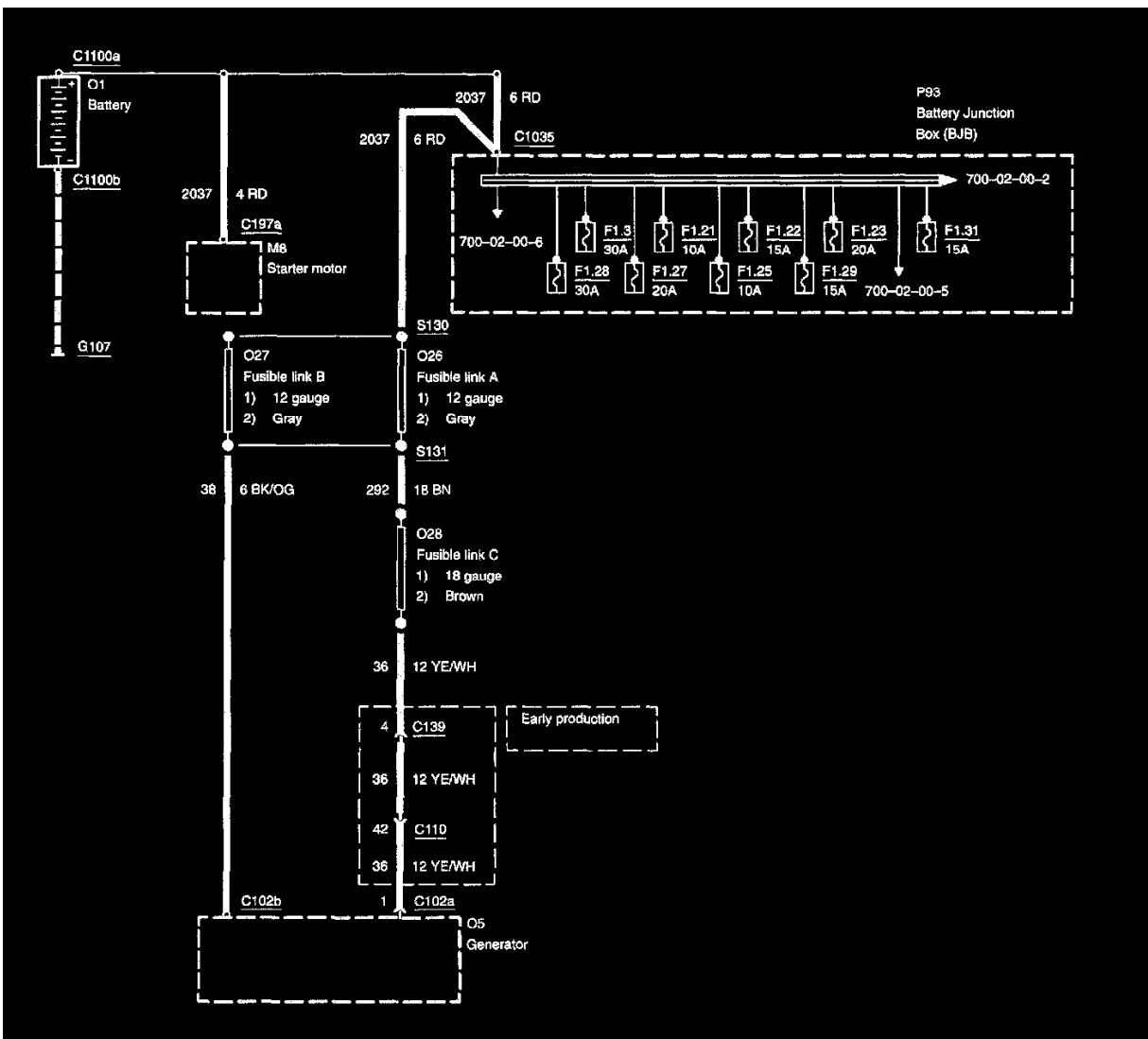


Diagram 700-02-00-1

F 2.36

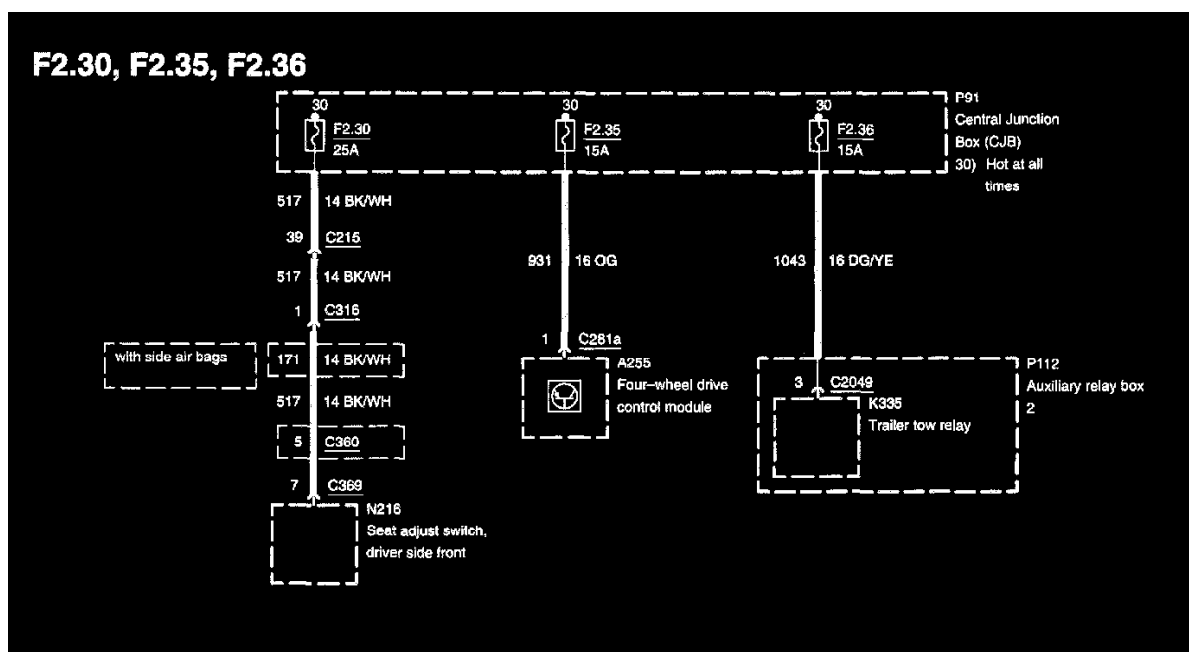


Diagram 700-03-00-29

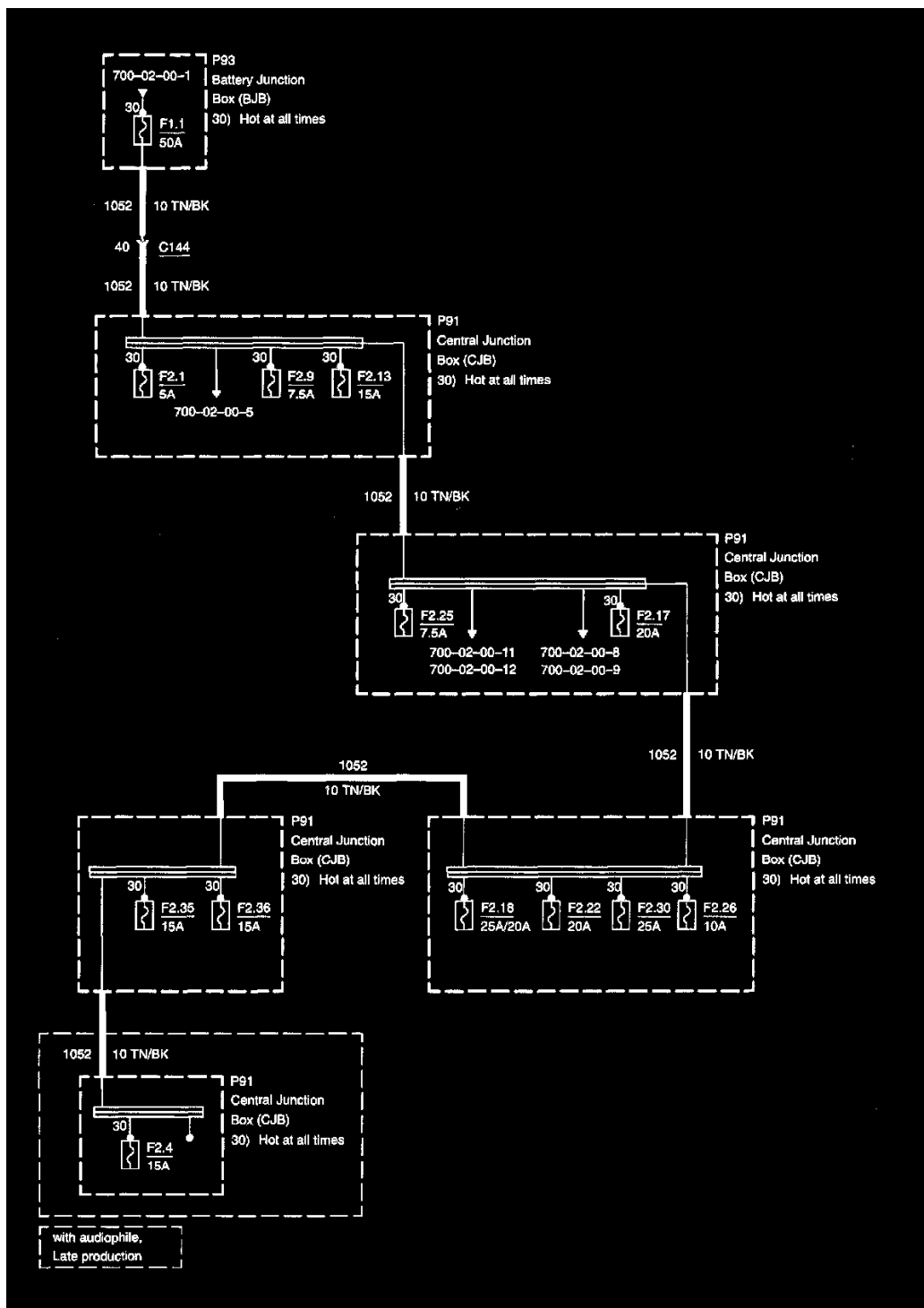


Diagram 700-02-00-6

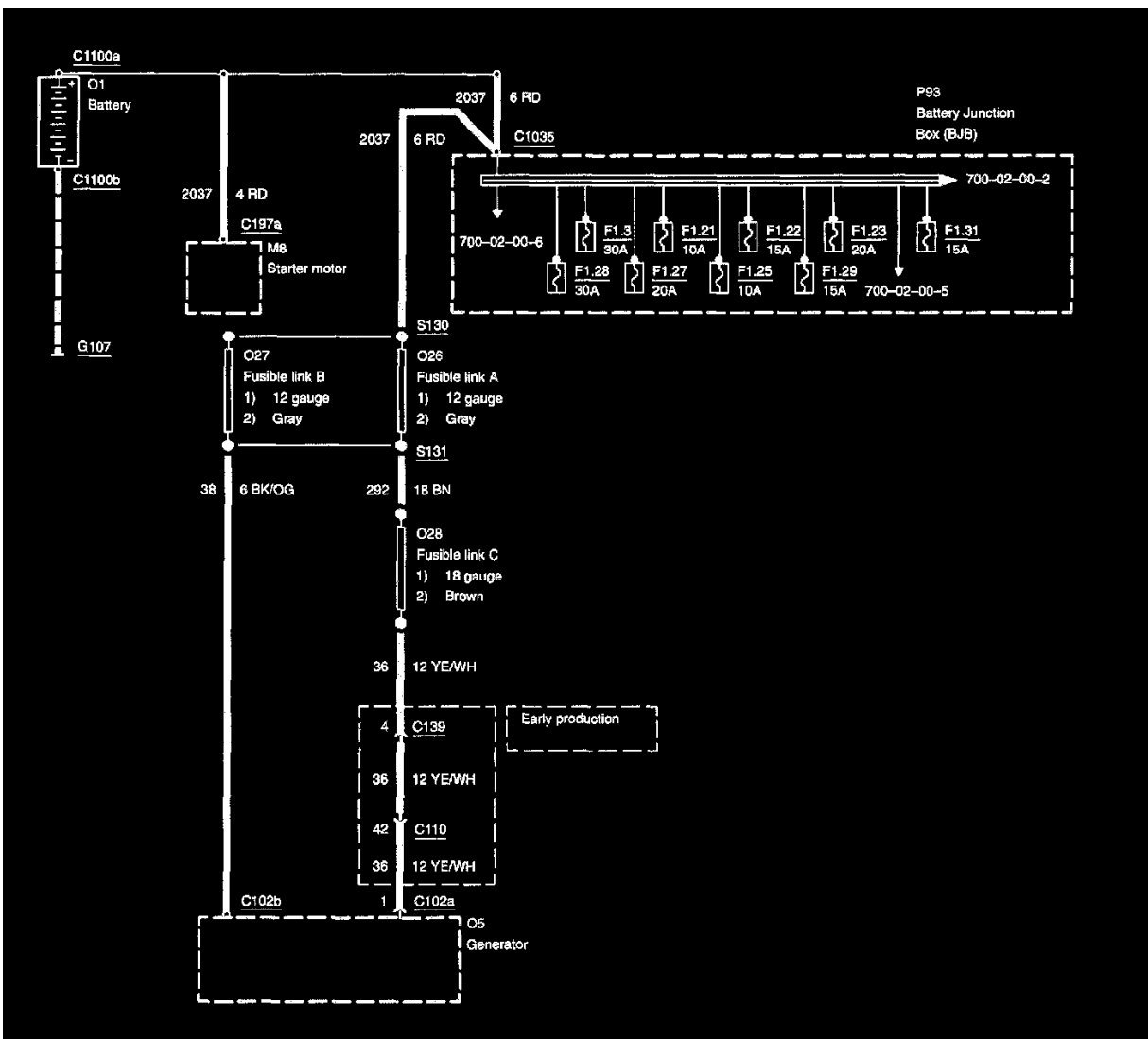


Diagram 700-02-00-1

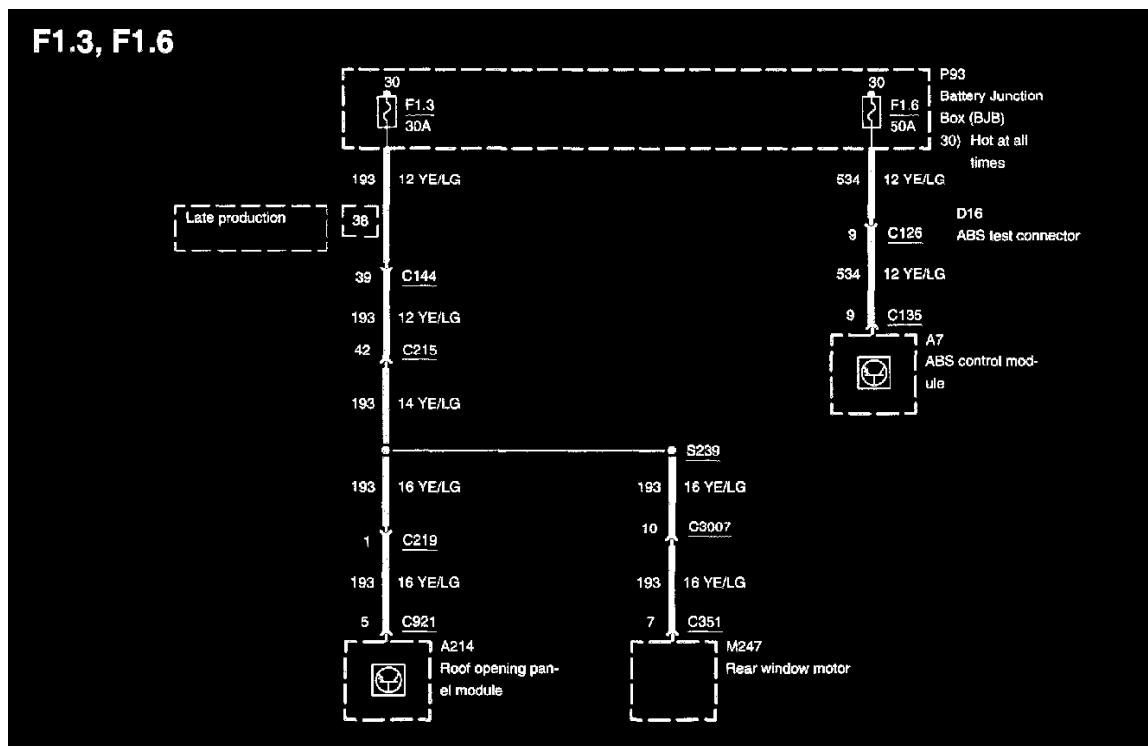


Diagram 700-03-00-1

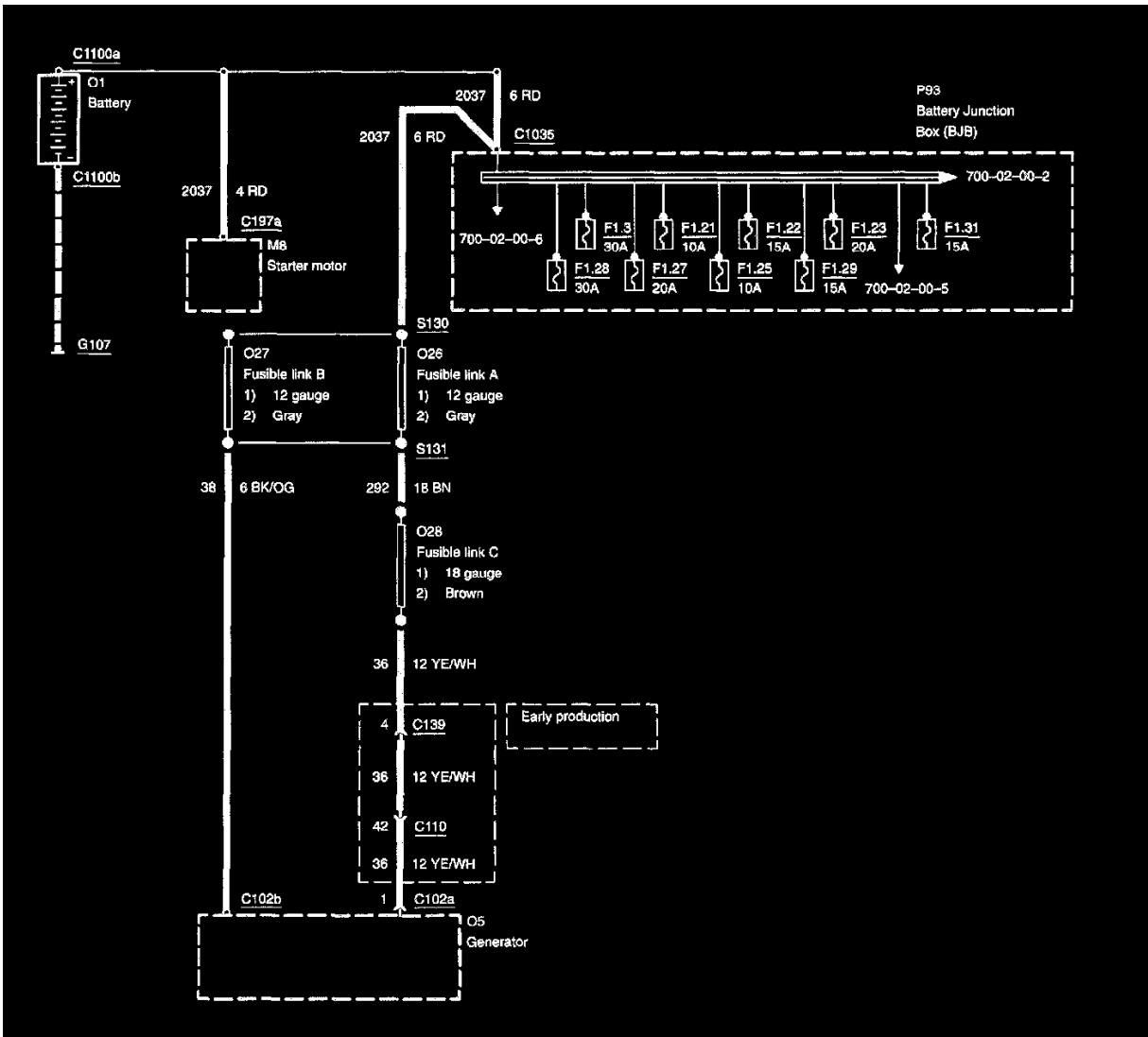
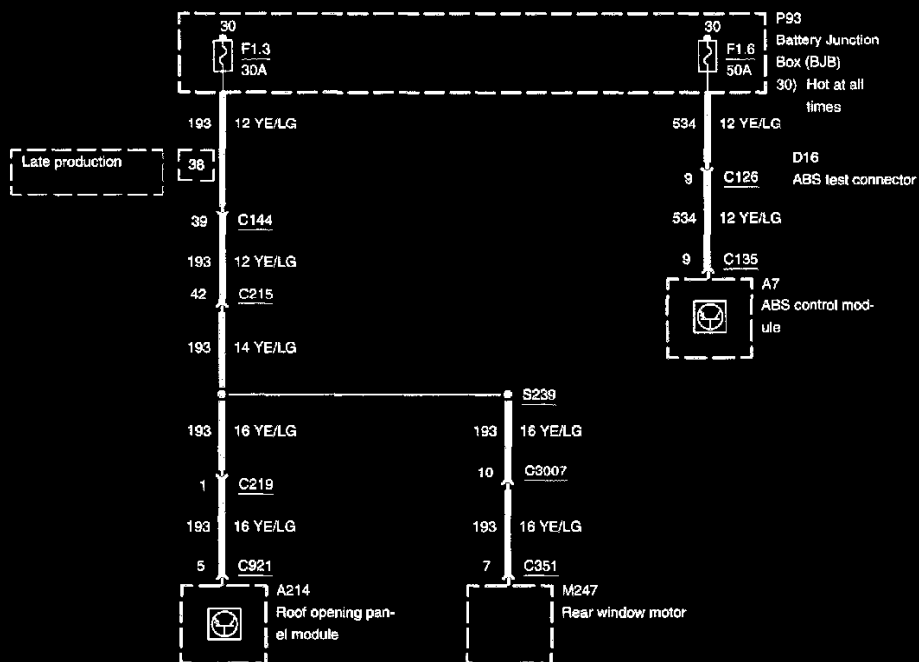


Diagram 700-02-00-1

F1.6

F1.3, F1.6**Diagram 700-03-00-1**



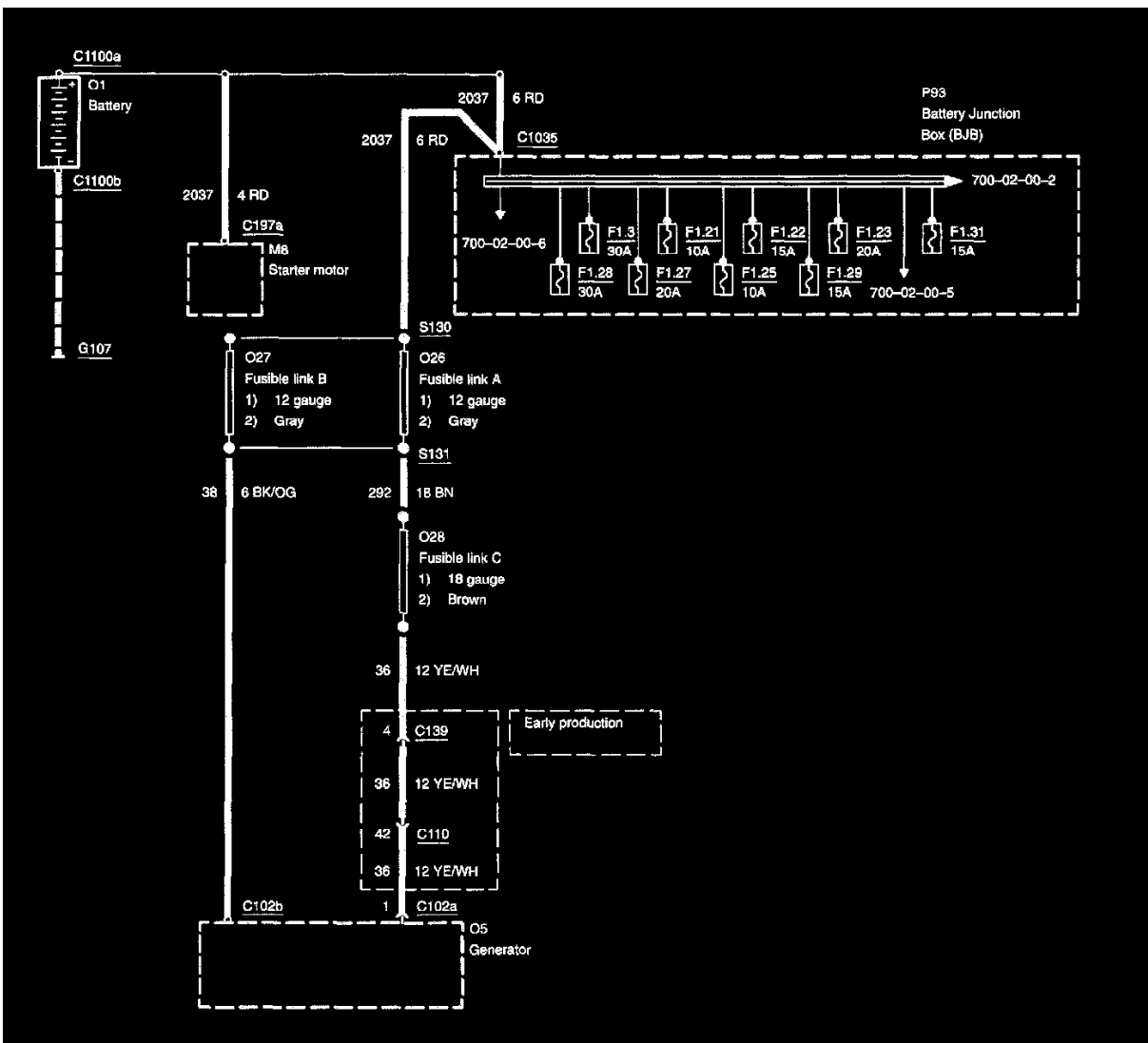


Diagram 700-02-00-1

F1.12

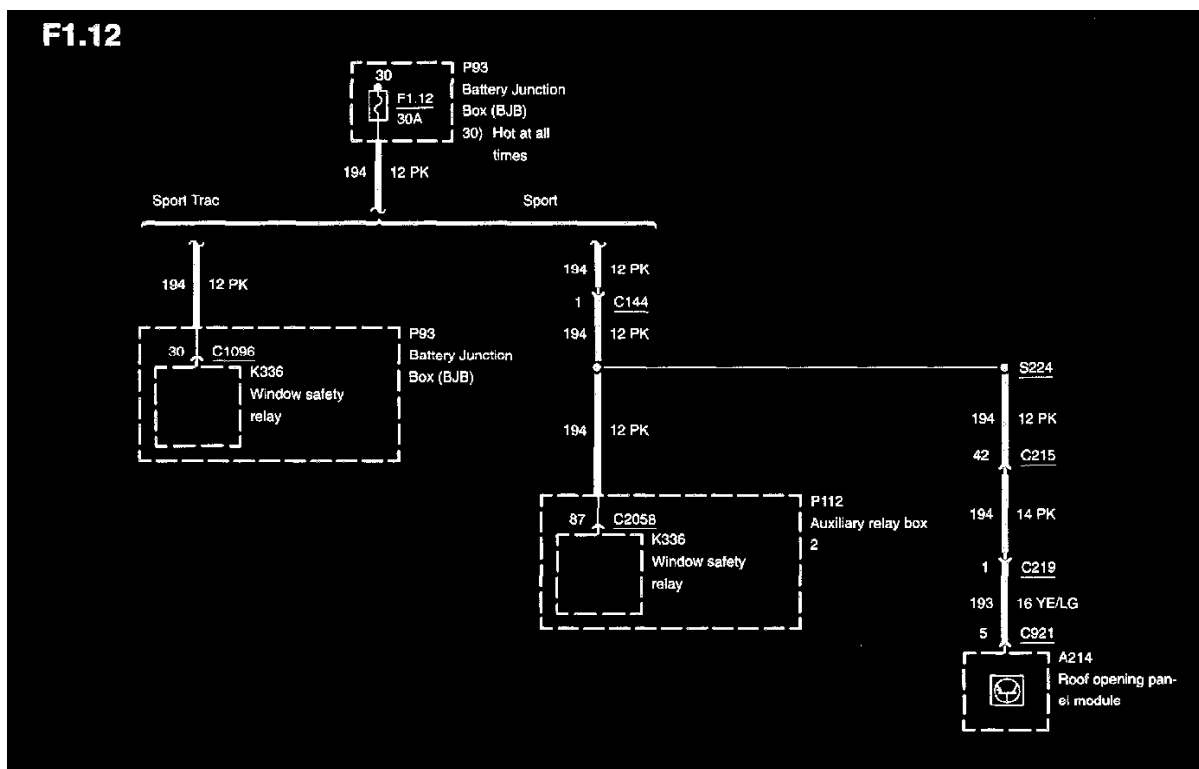


Diagram 700-03-00-2

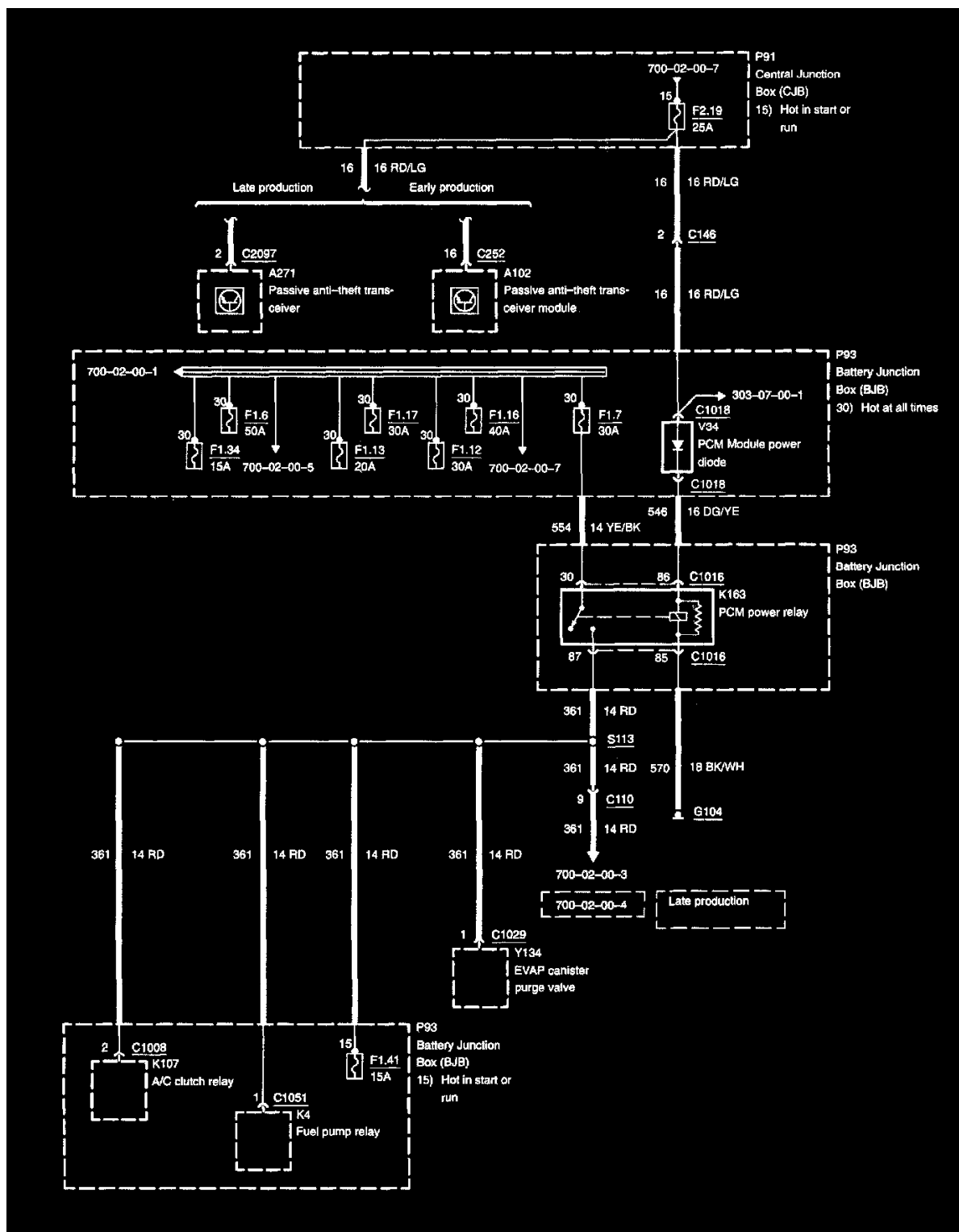


Diagram 700-02-00-2

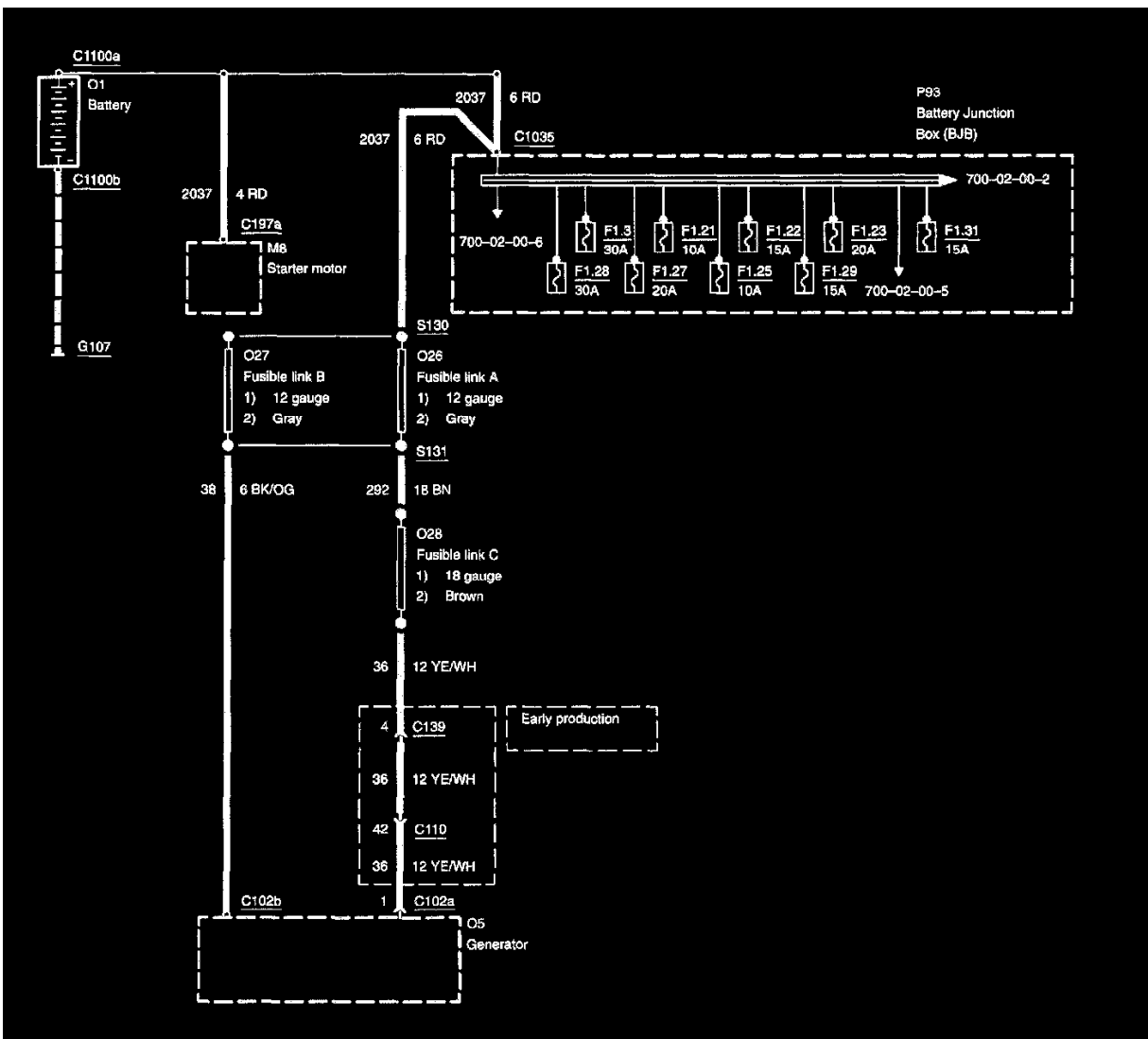


Diagram 700-02-00-1

F1.13

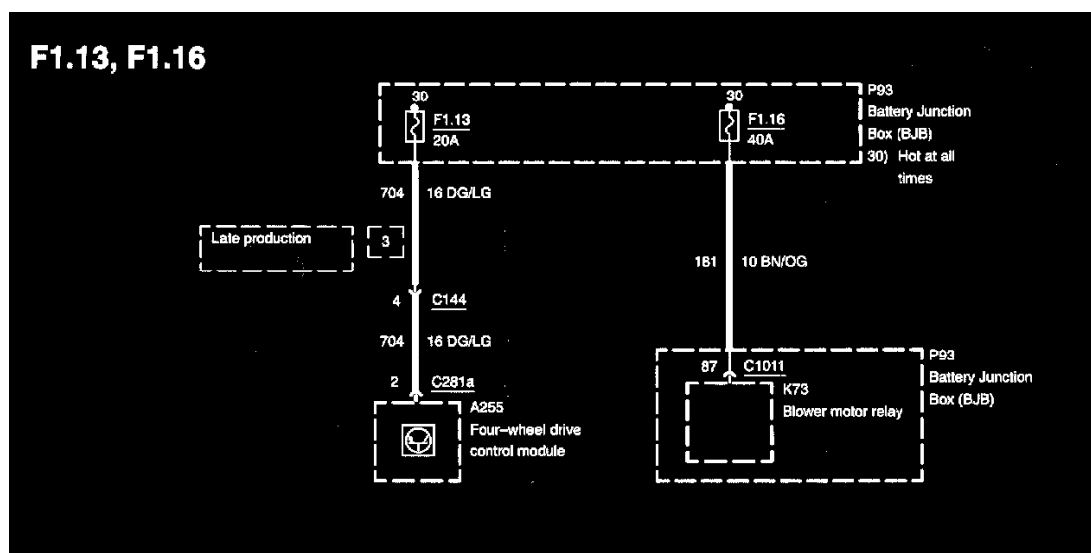


Diagram 700-03-00-3

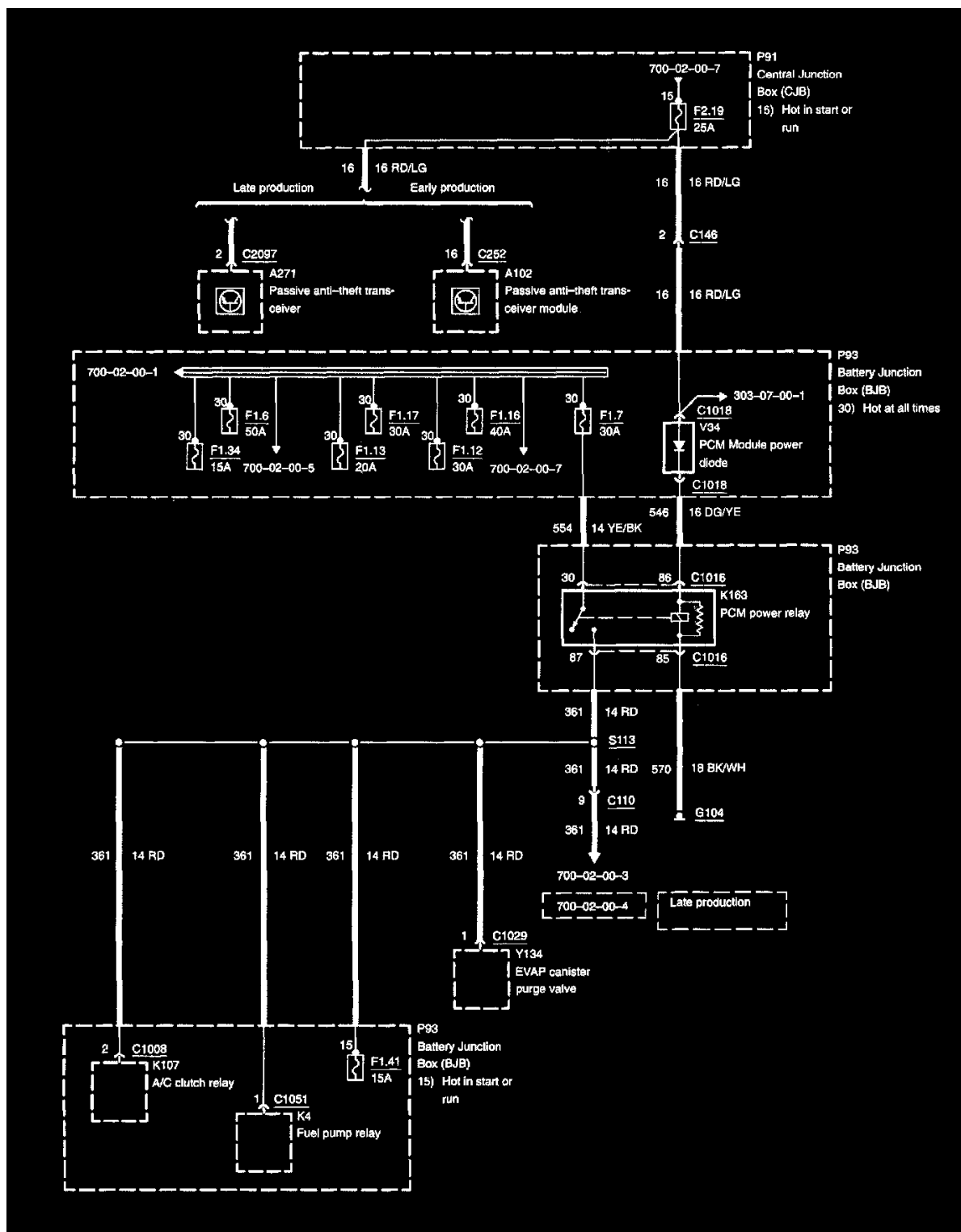


Diagram 700-02-00-2

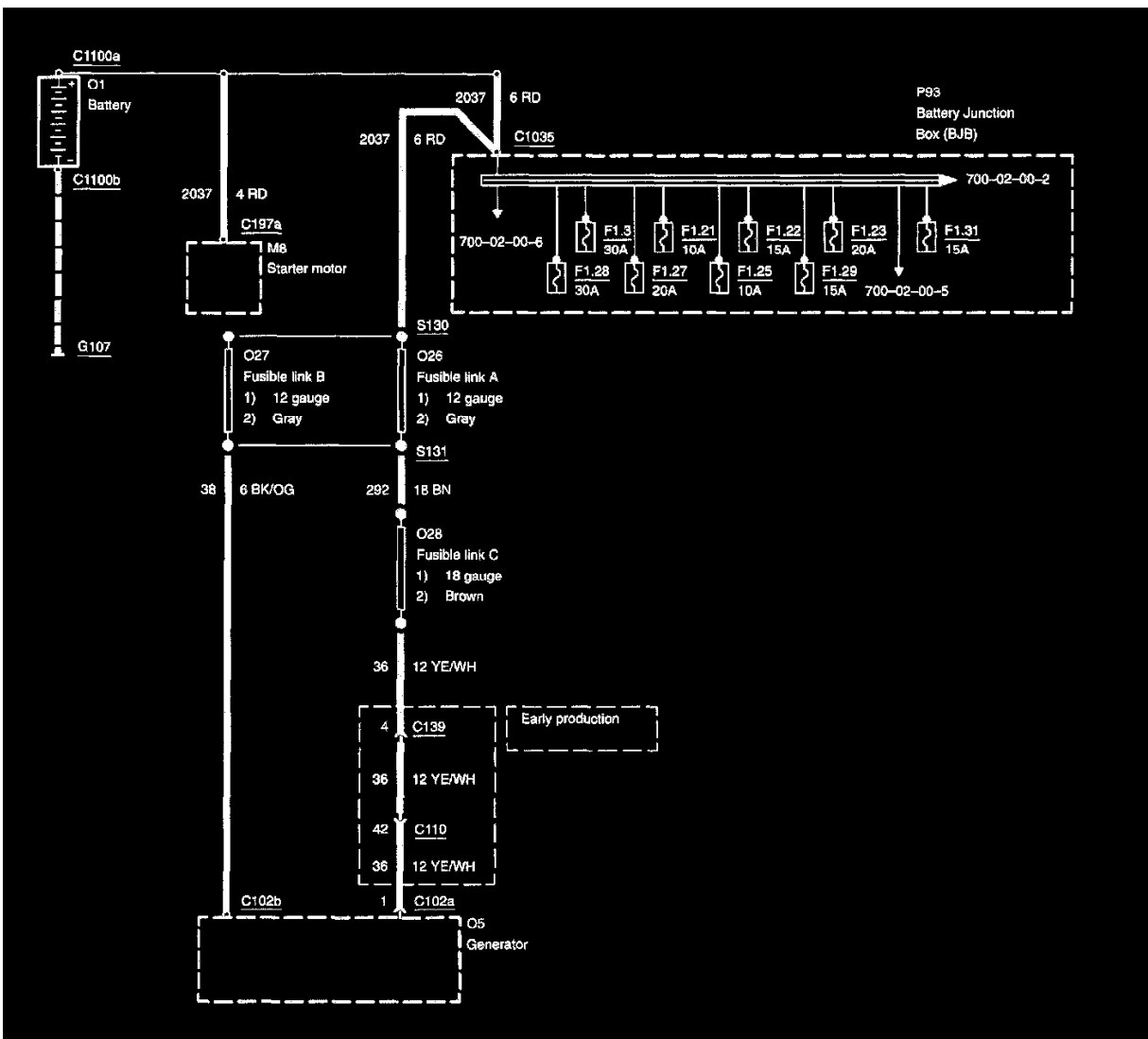


Diagram 700-02-00-1

F1.16

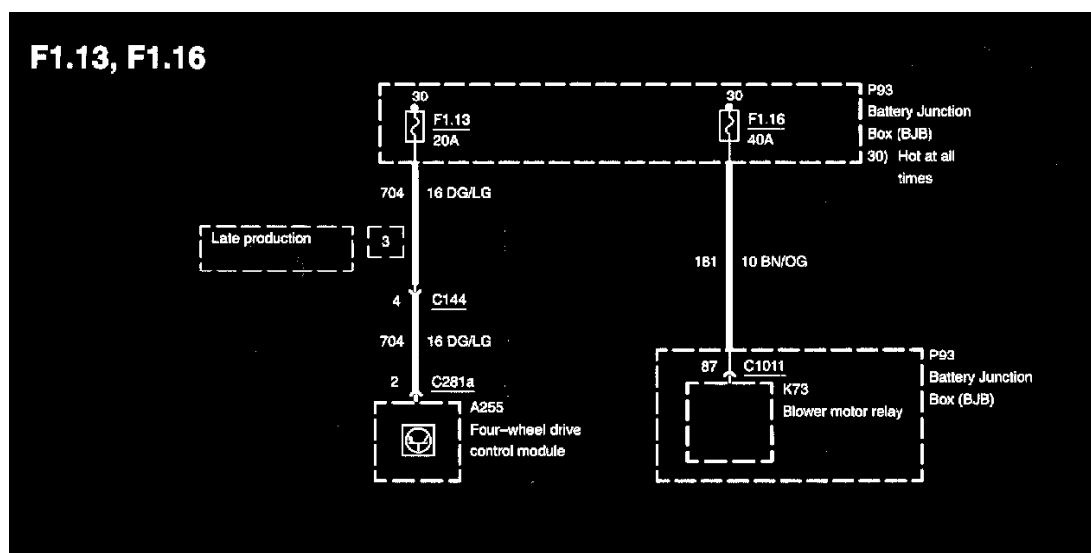
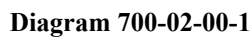
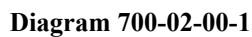


Diagram 700-03-00-3



Diagram 700-02-00-2







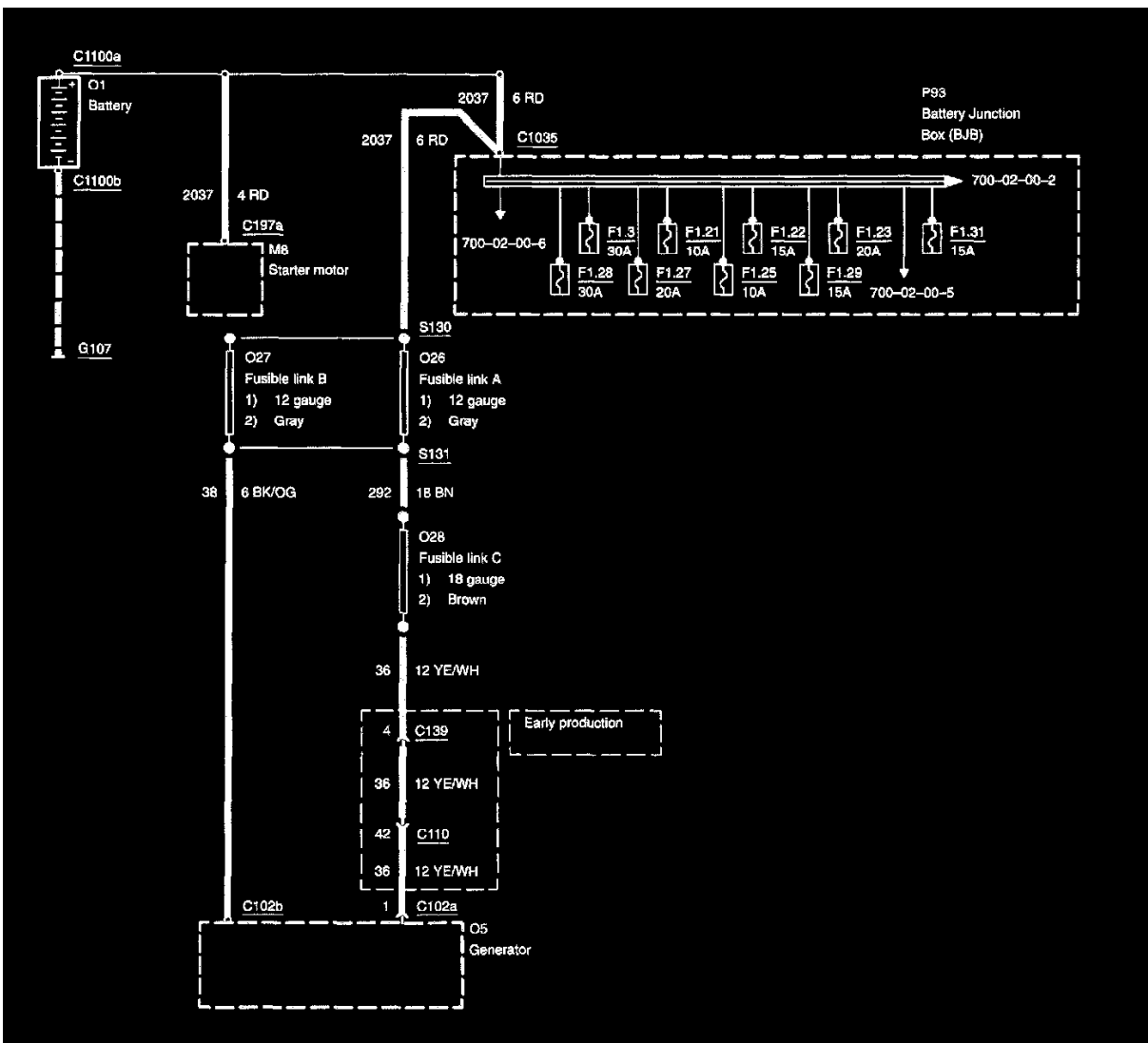


Diagram 700-02-00-1

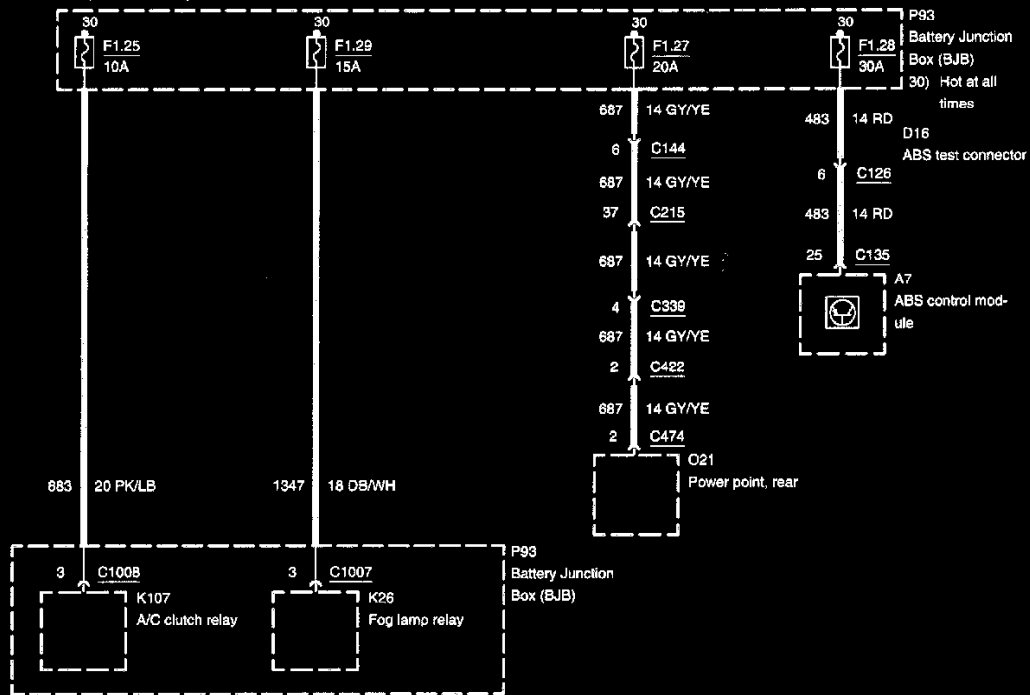
F1.25, F1.27, F1.28, F1.29

Diagram 700-03-00-5

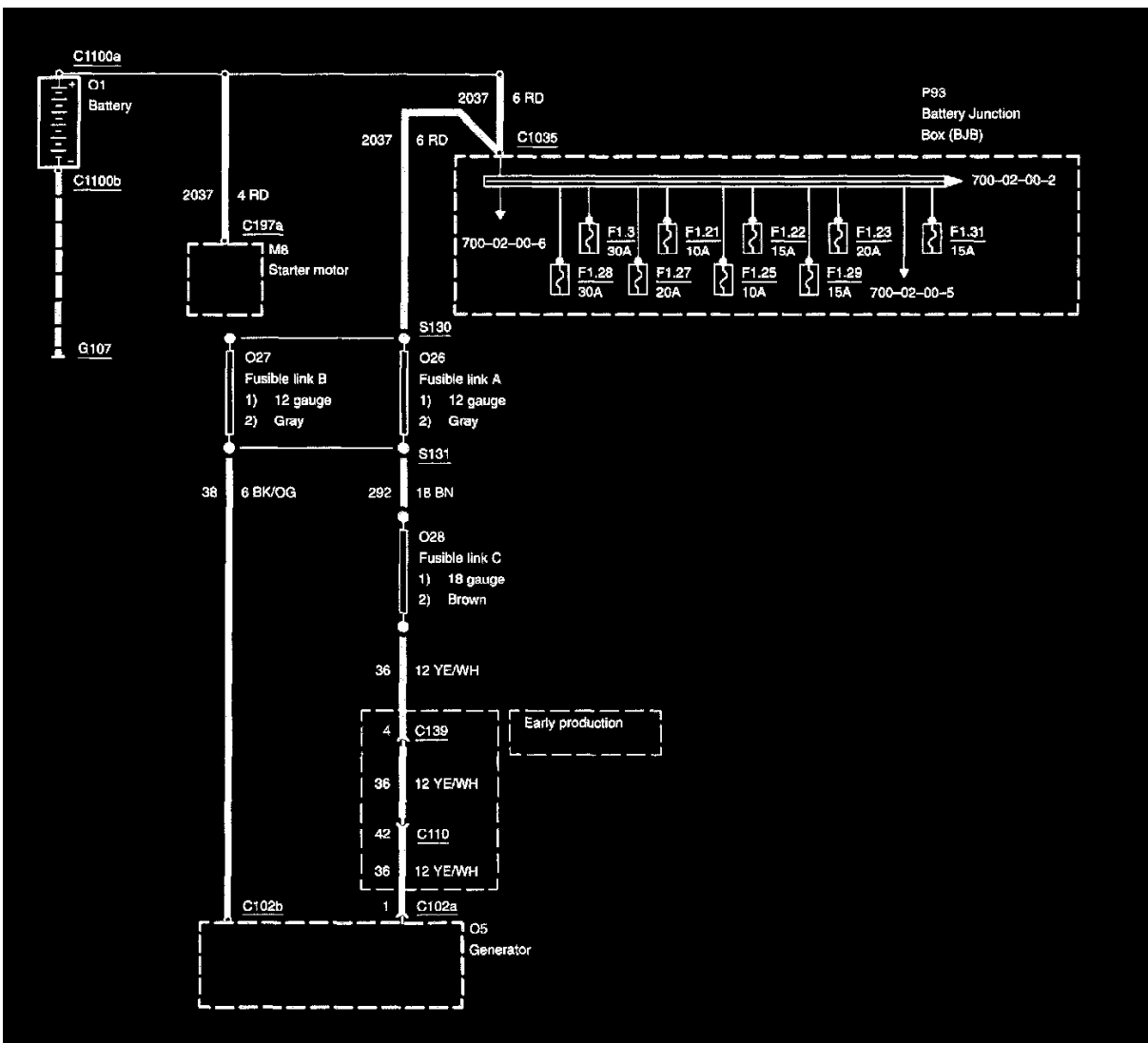




Diagram 700-03-00-5

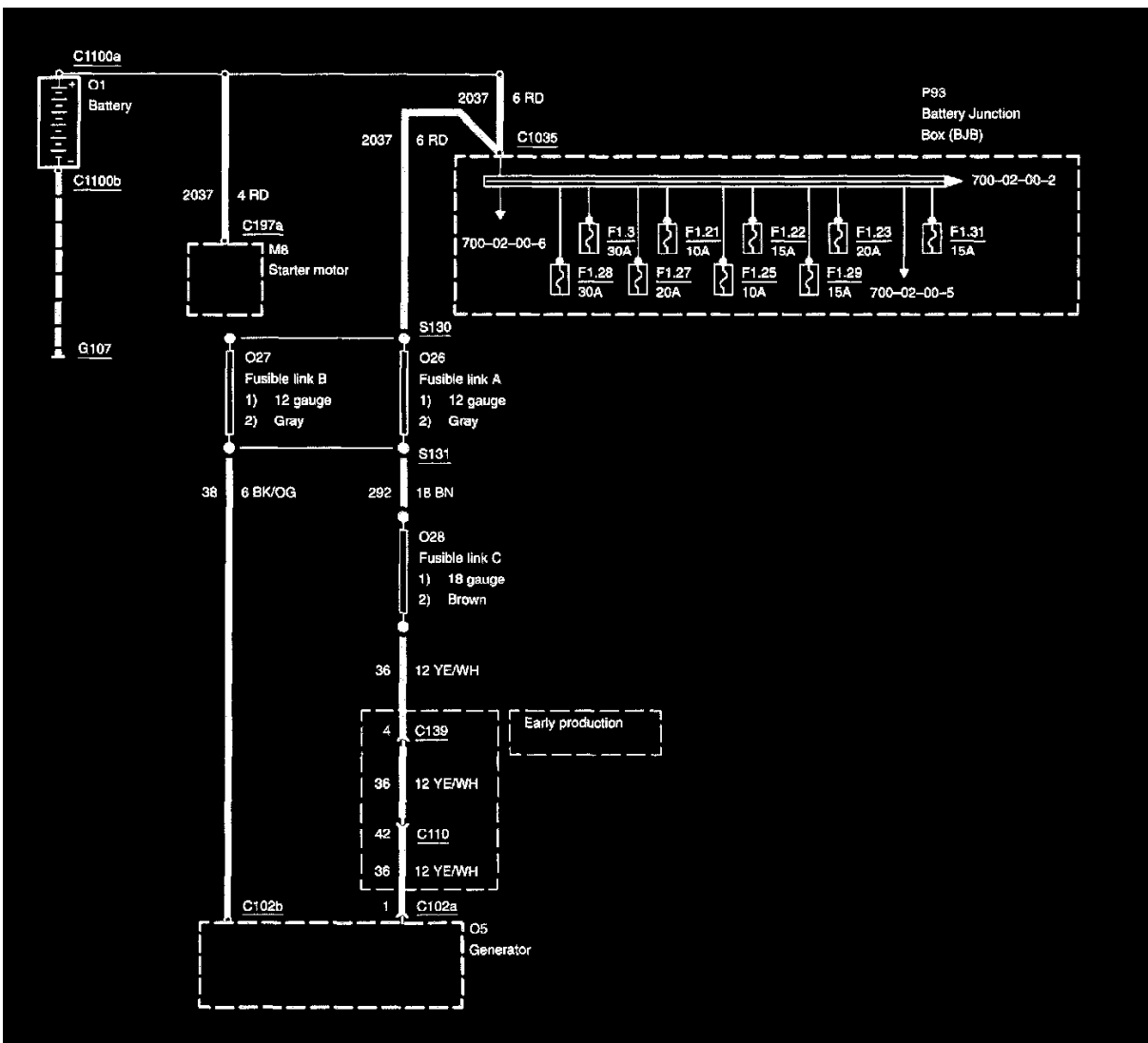
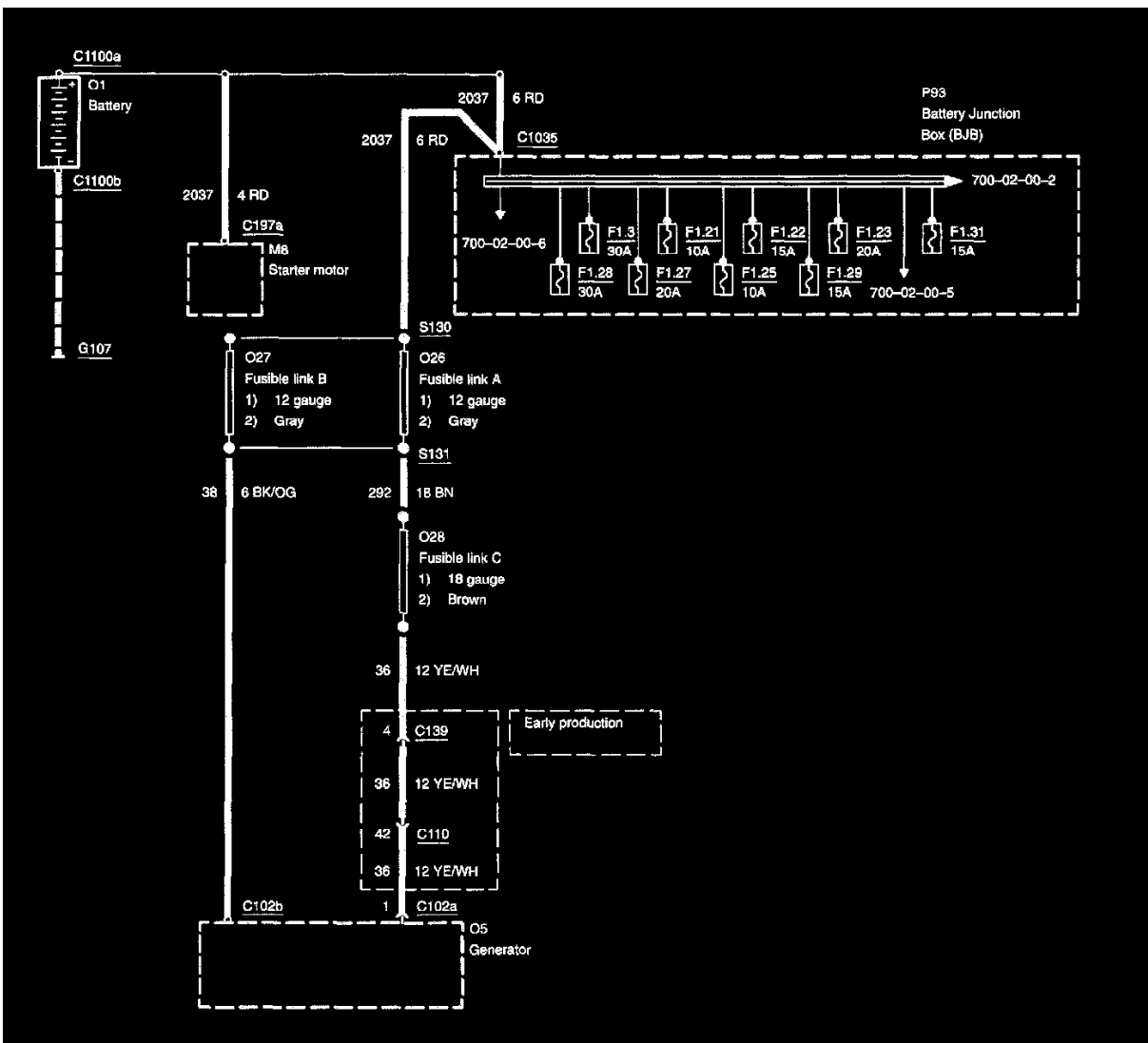




Diagram 700-03-00-5



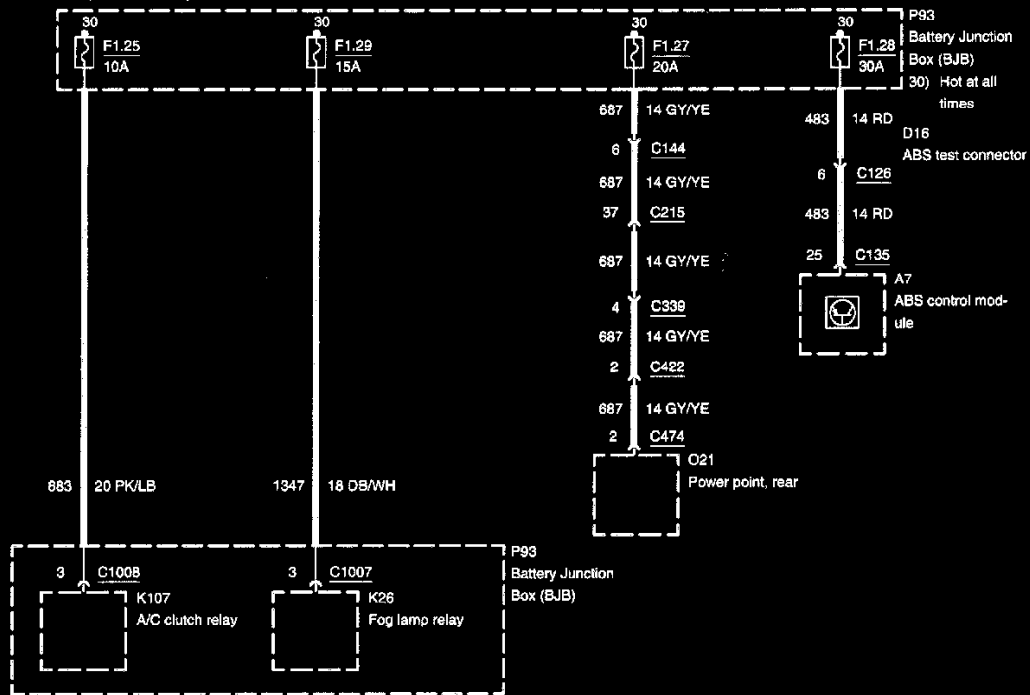
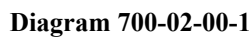
F1.25, F1.27, F1.28, F1.29

Diagram 700-03-00-5



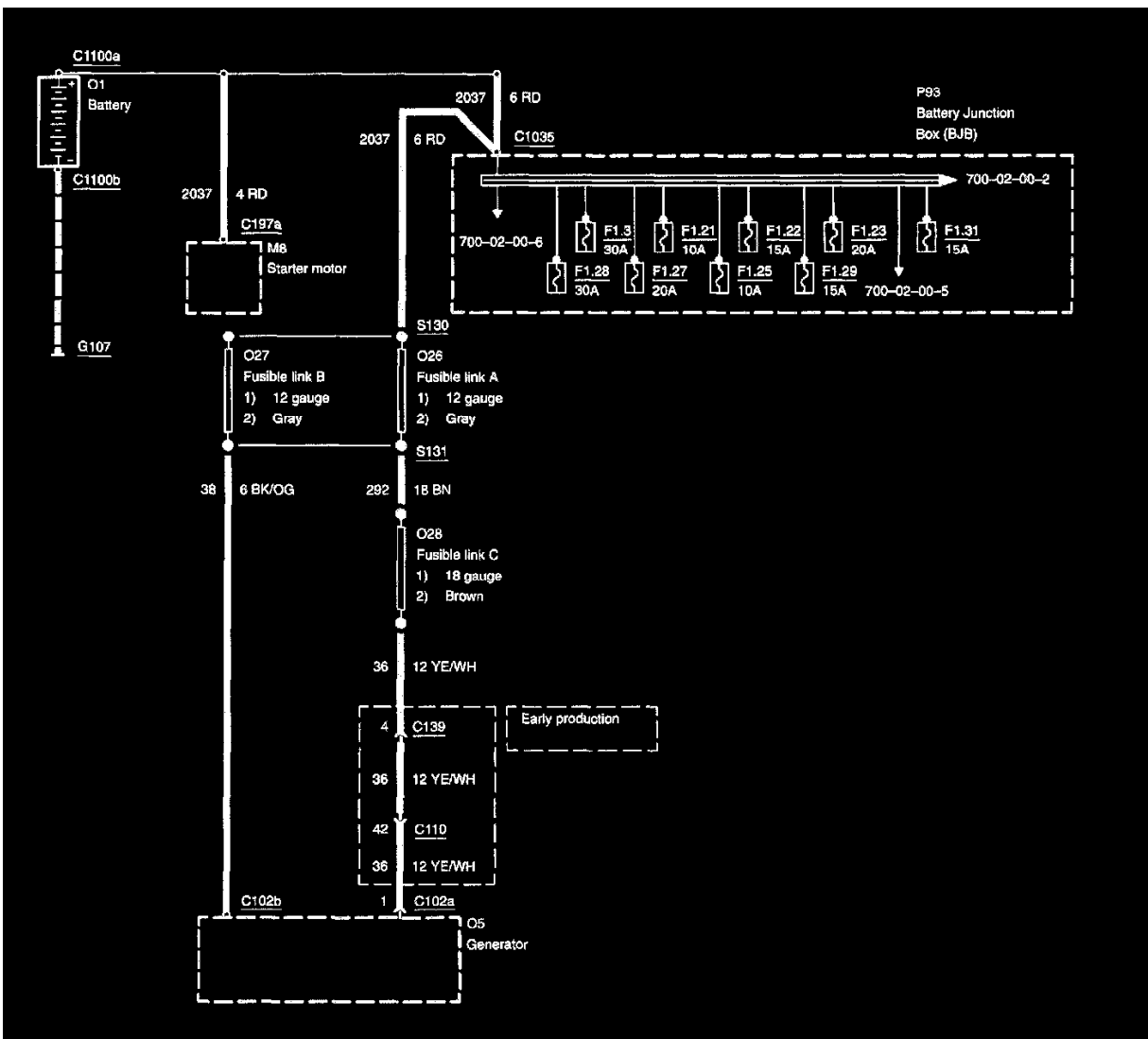
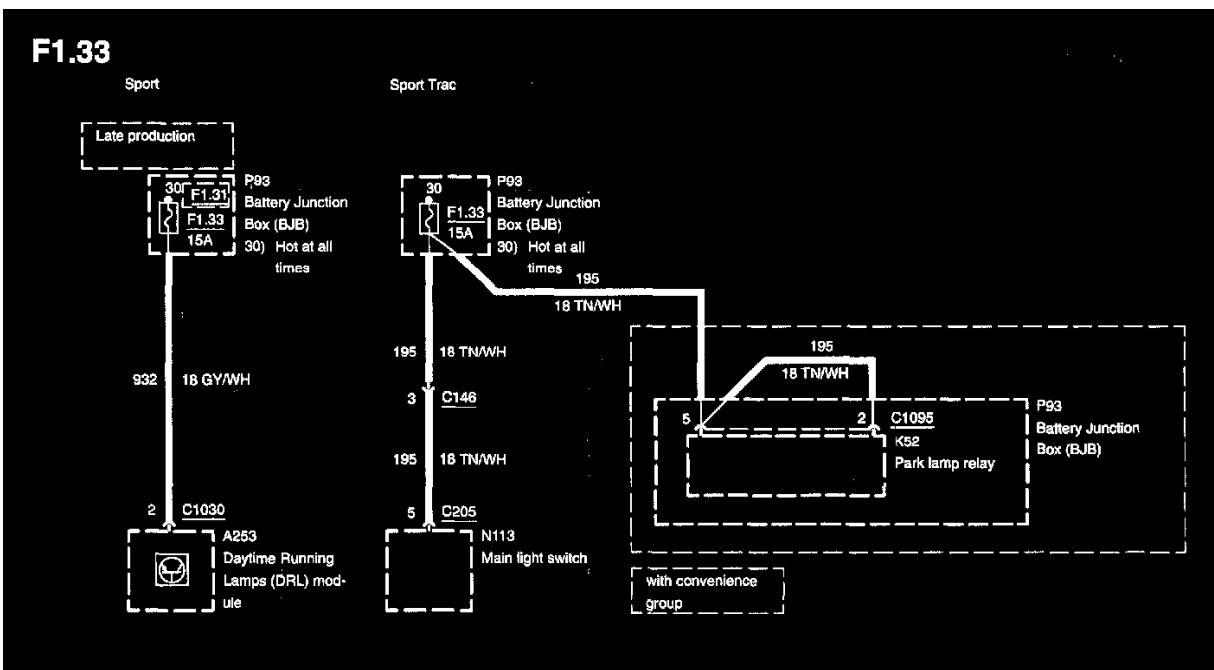


Diagram 700-02-00-1

F1.33



F1.33

Diagram 700-03-00-7

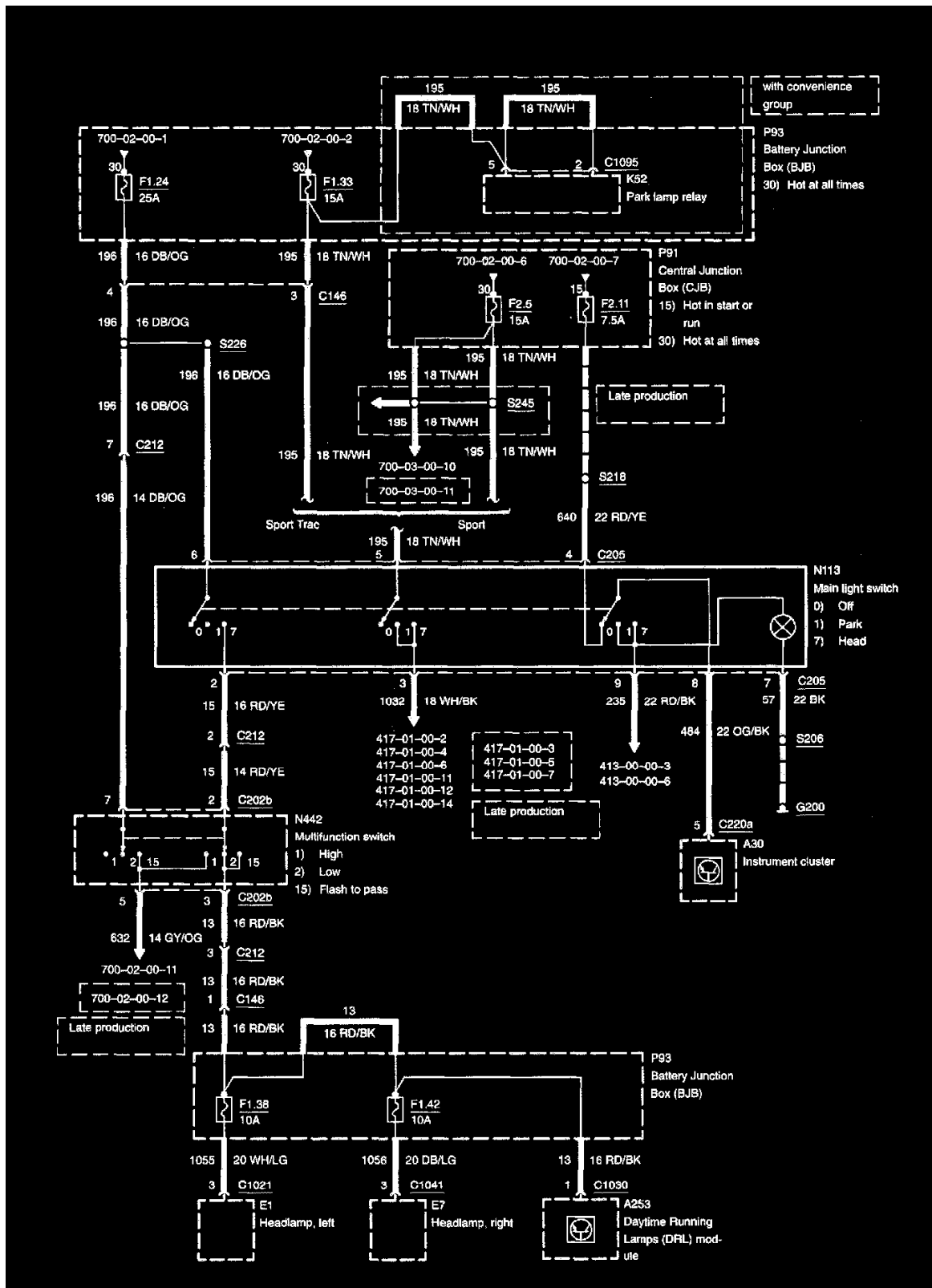


Diagram 700-02-00-5



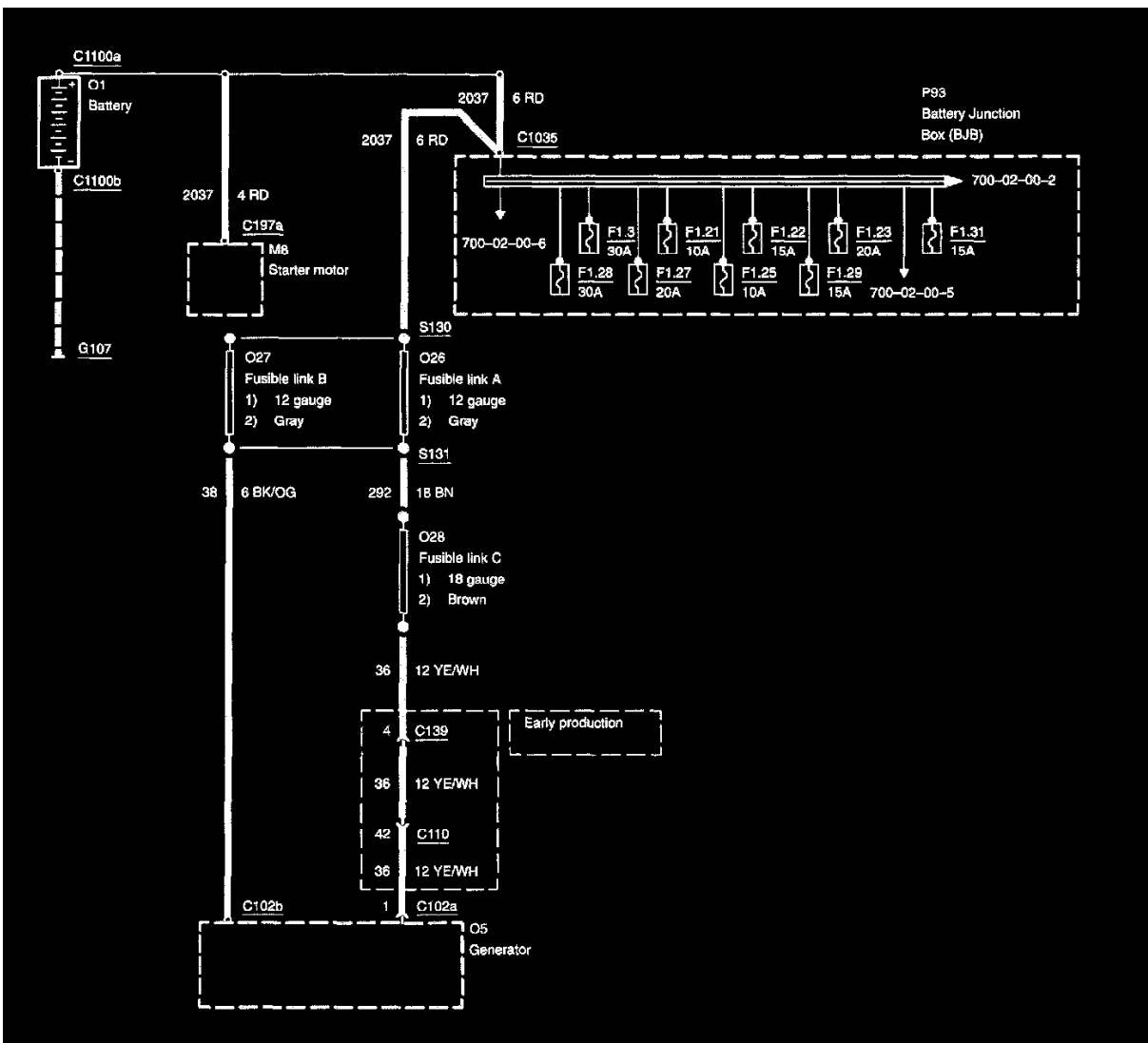


Diagram 700-02-00-1

F1.34

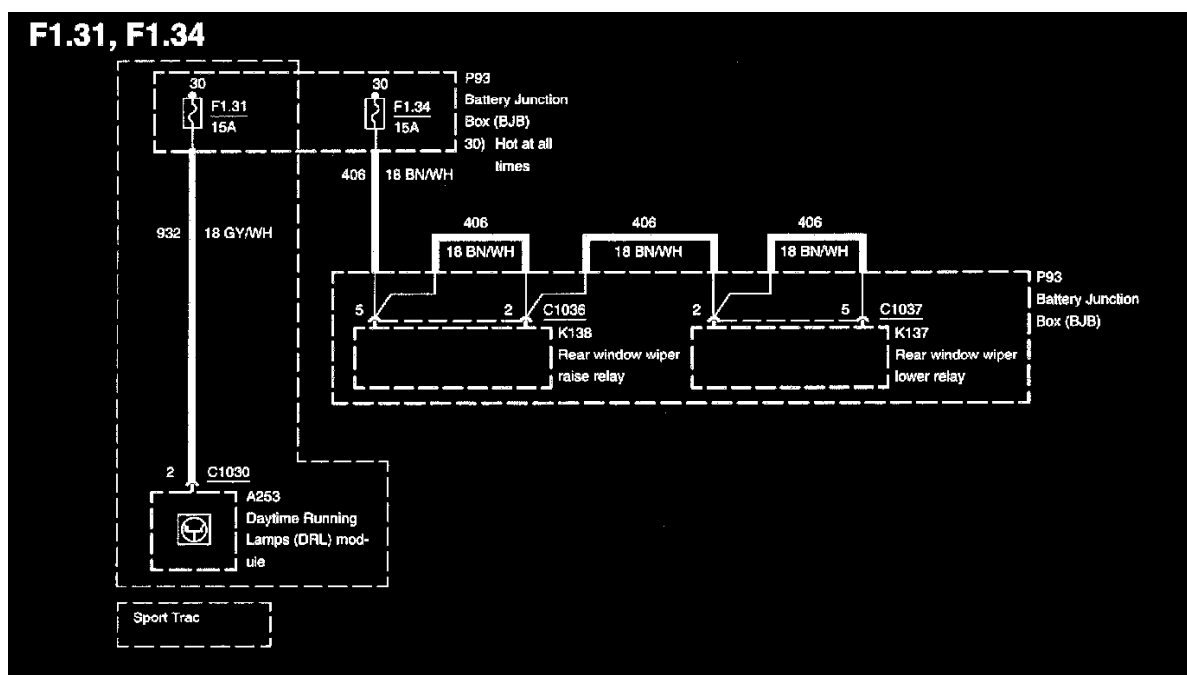
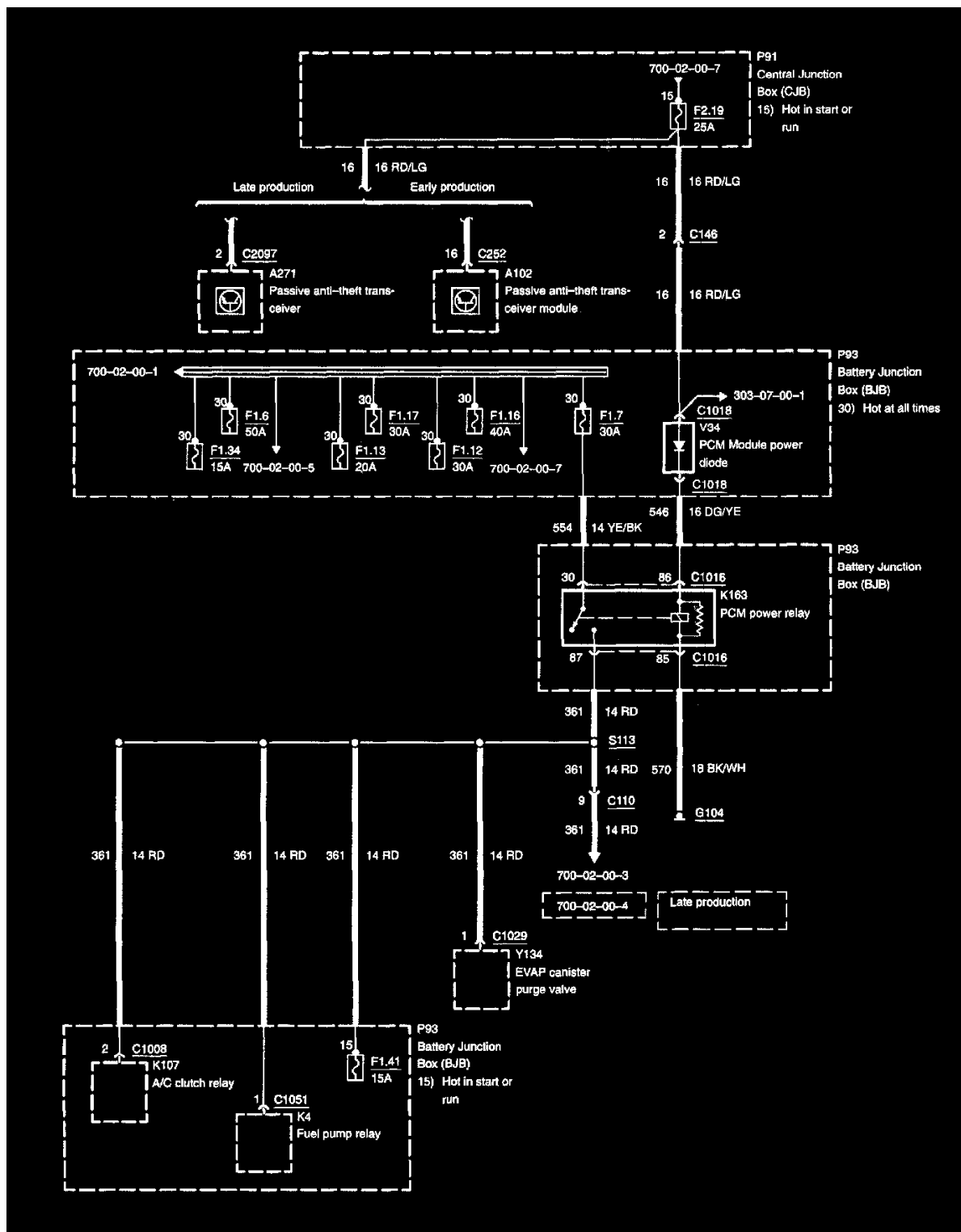


Diagram 700-02-00-2



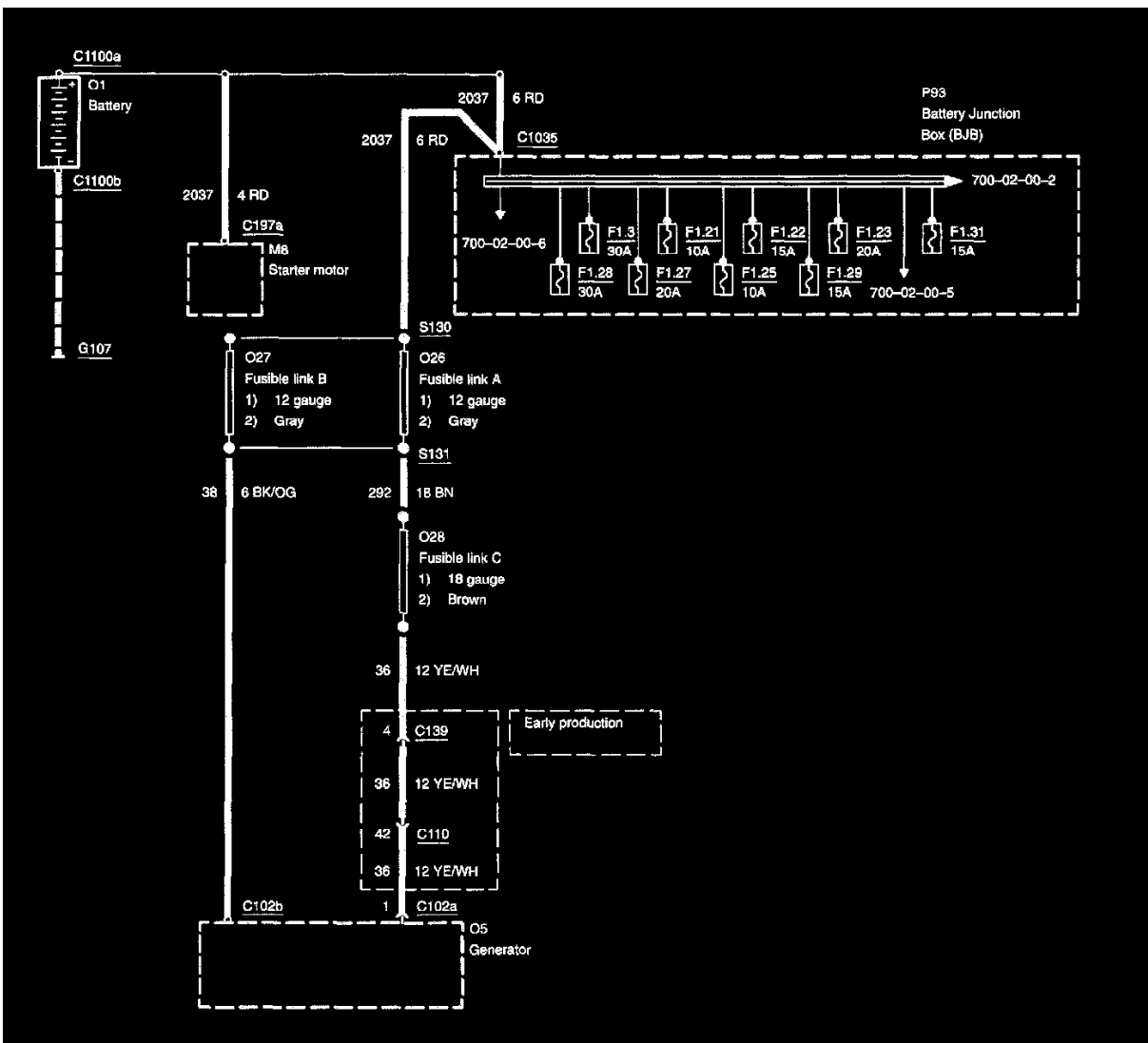
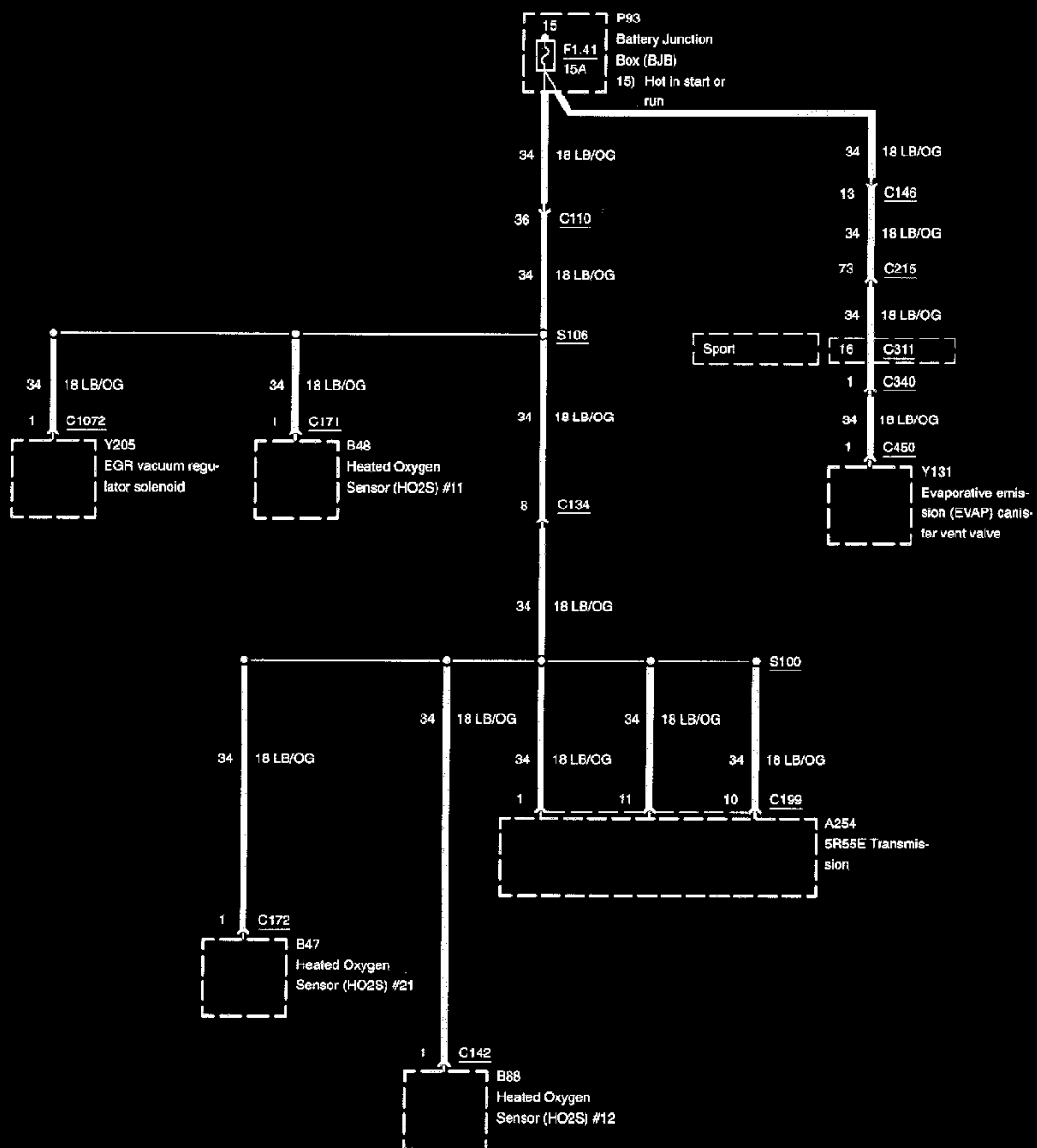


Diagram 700-02-00-1

F1.41

F1.41, Early production**Diagram 700-03-00-8**

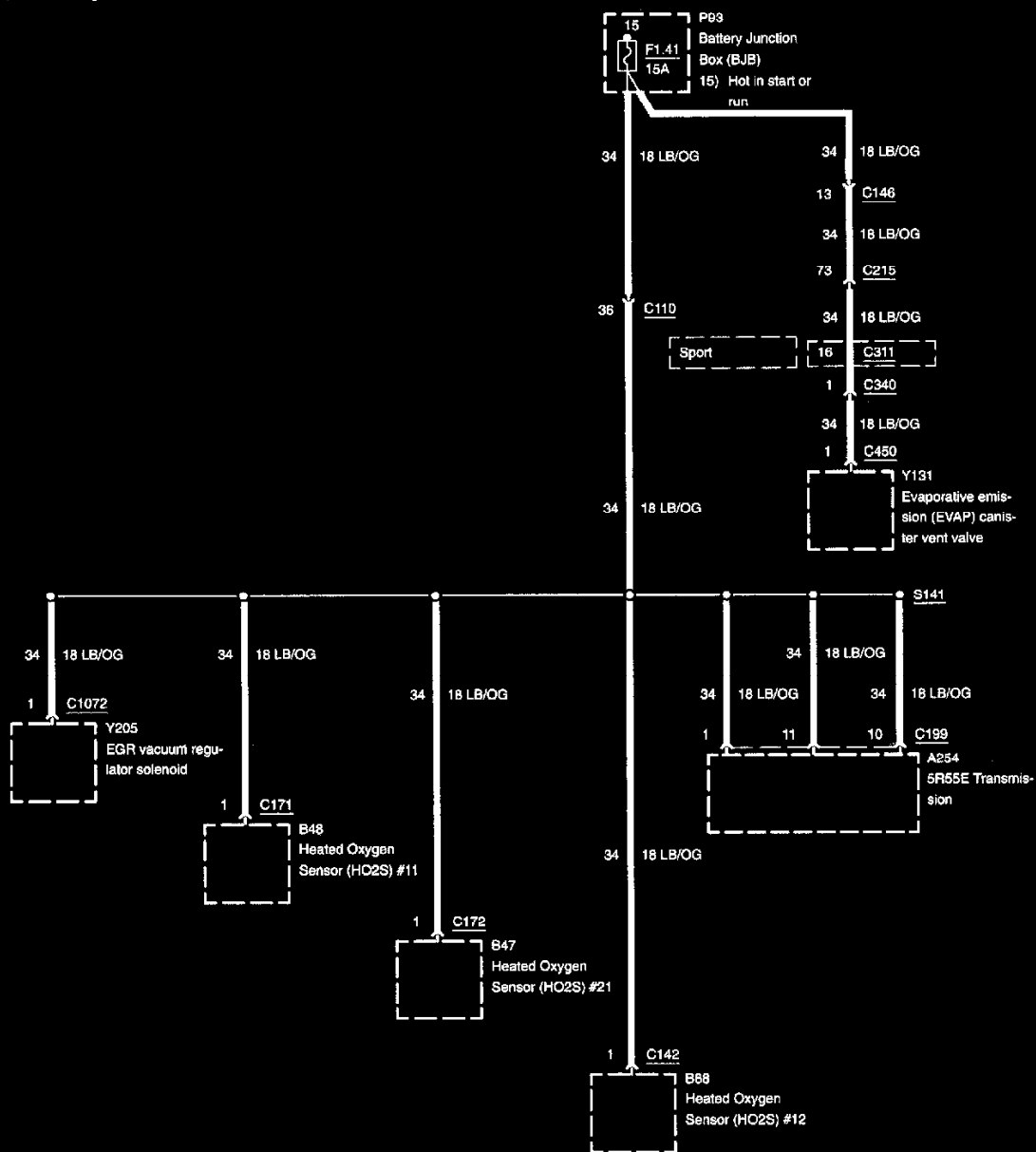
F1.41, Late production

Diagram 700-03-00-9



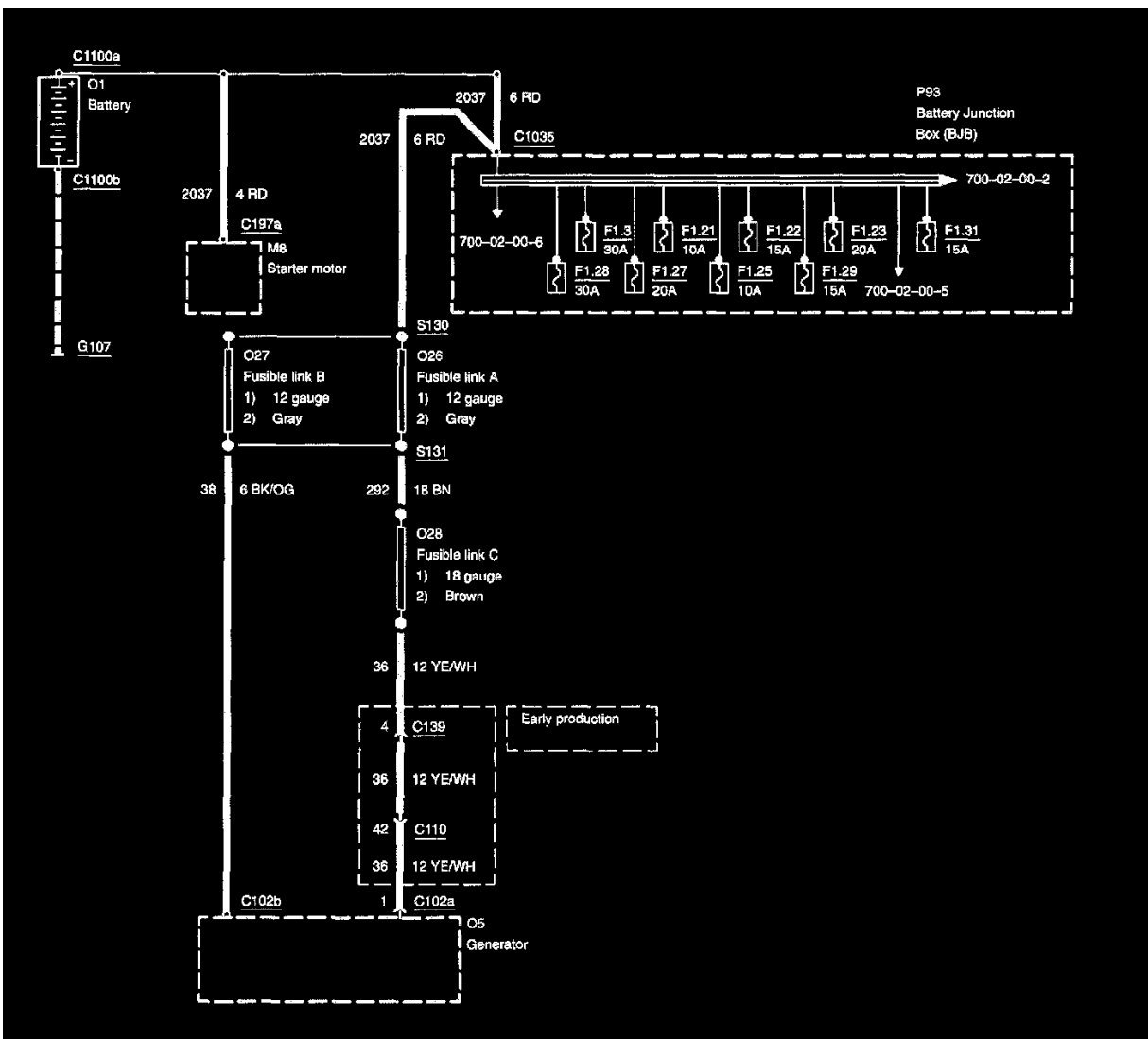


Diagram 700-02-00-1

F2.1

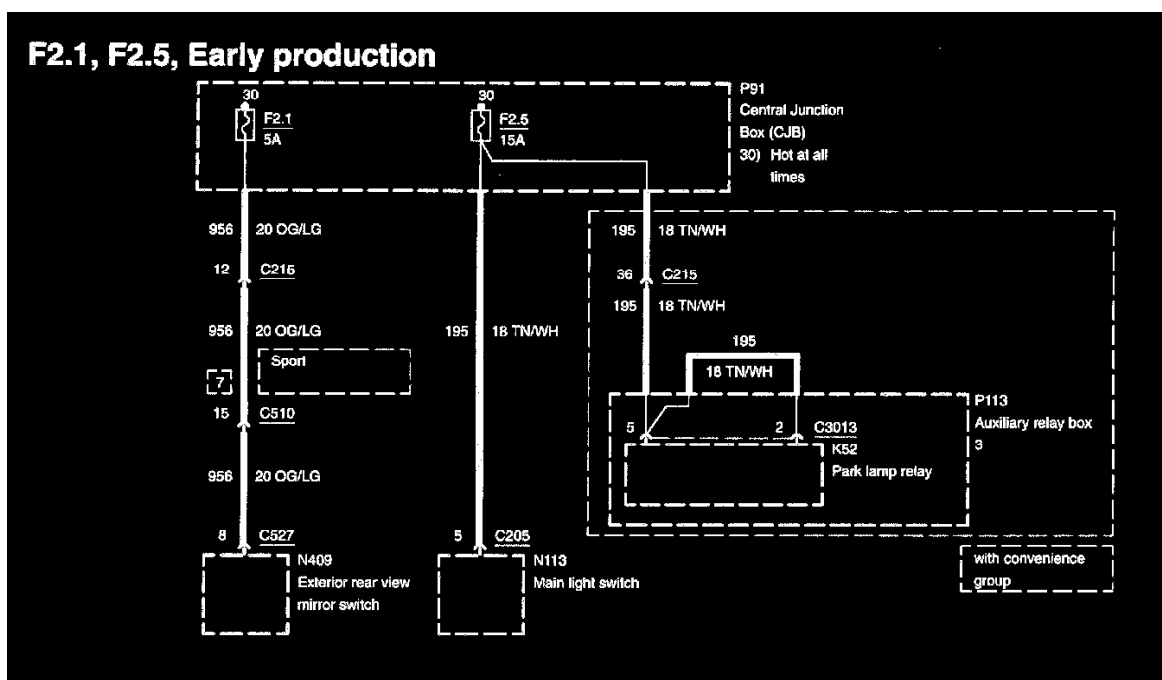


Diagram 700-03-00-10

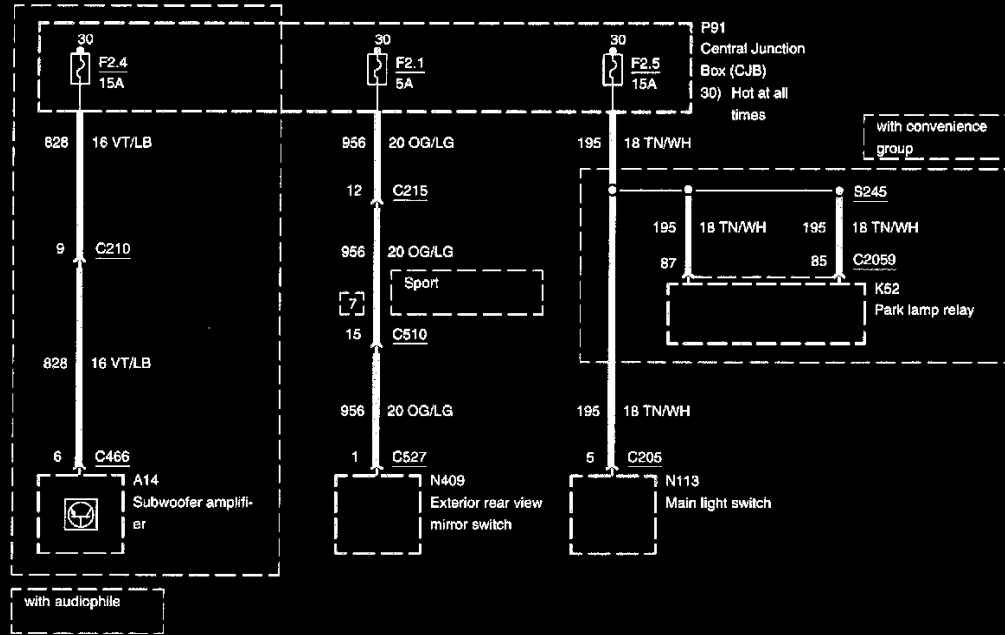
F2.1, F2.4, F2.5, Late production

Diagram 700-03-00-11

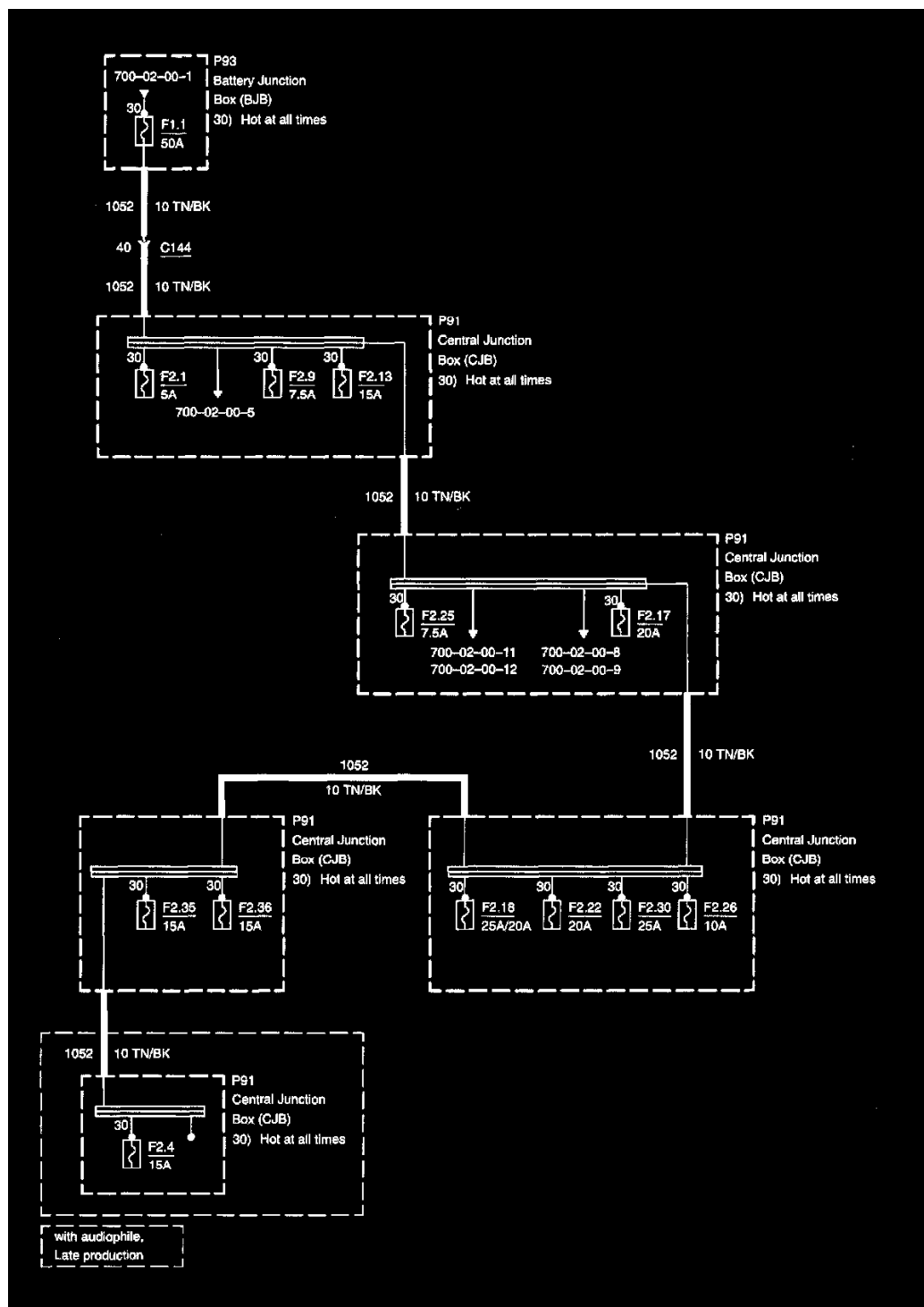
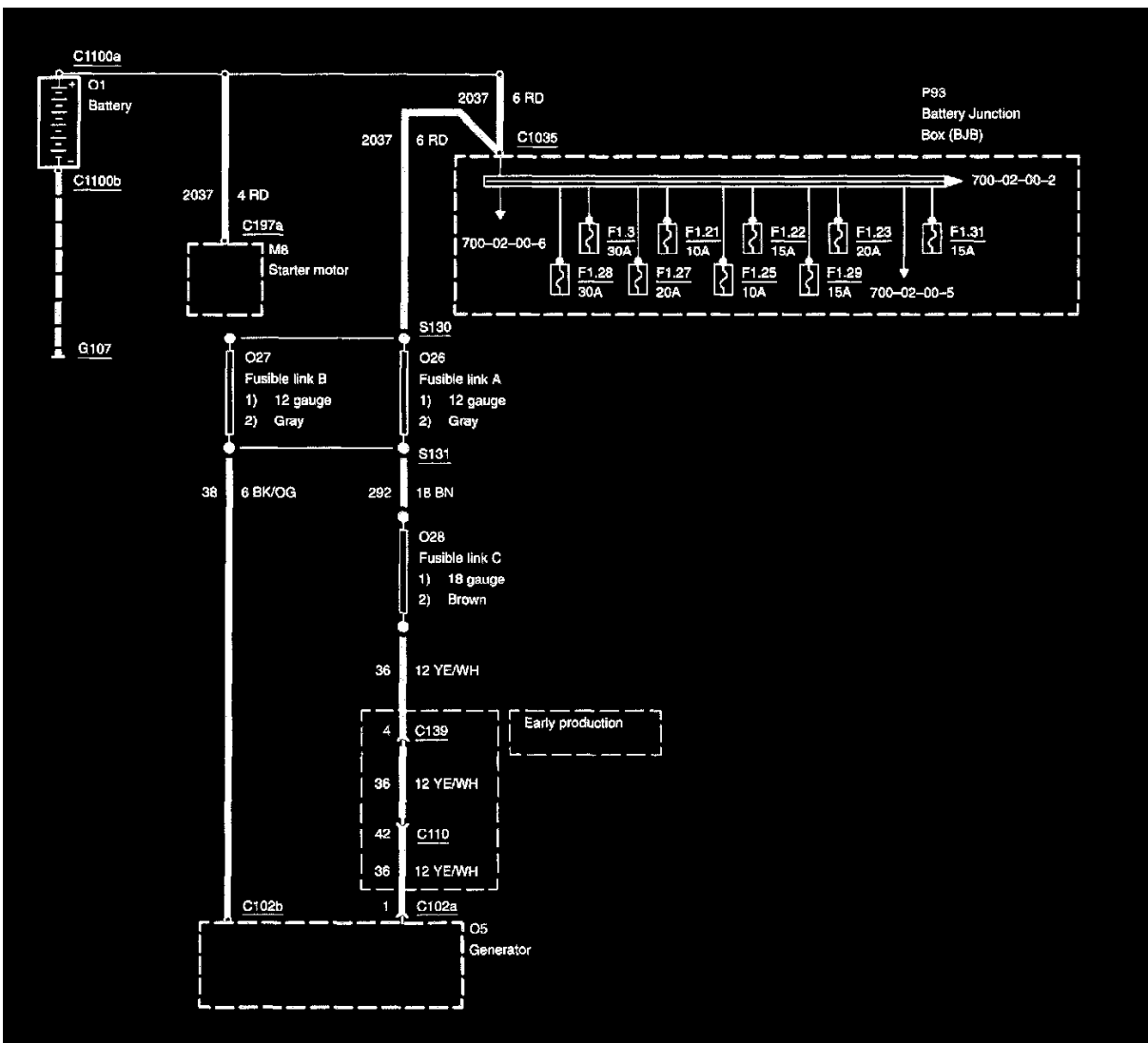


Diagram 700-02-00-6



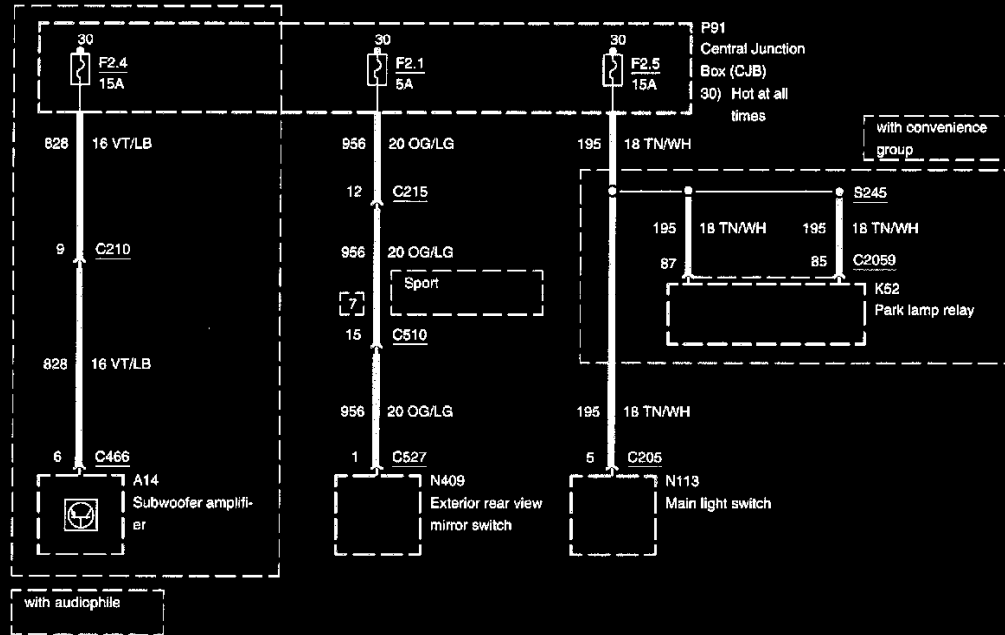
F2.1, F2.4, F2.5, Late production**Diagram 700-03-00-11**



Diagram 700-02-00-6

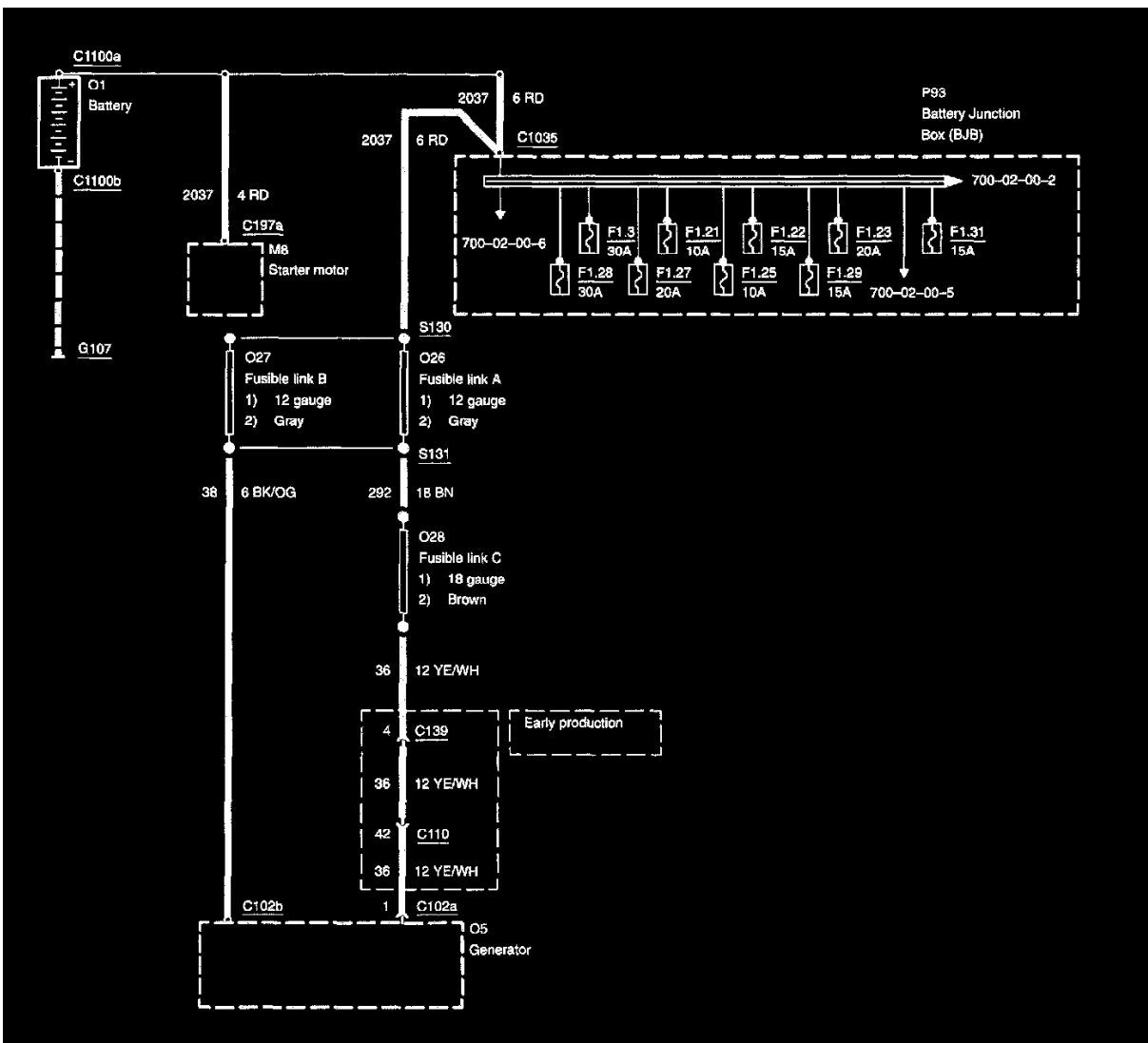


Diagram 700-02-00-1

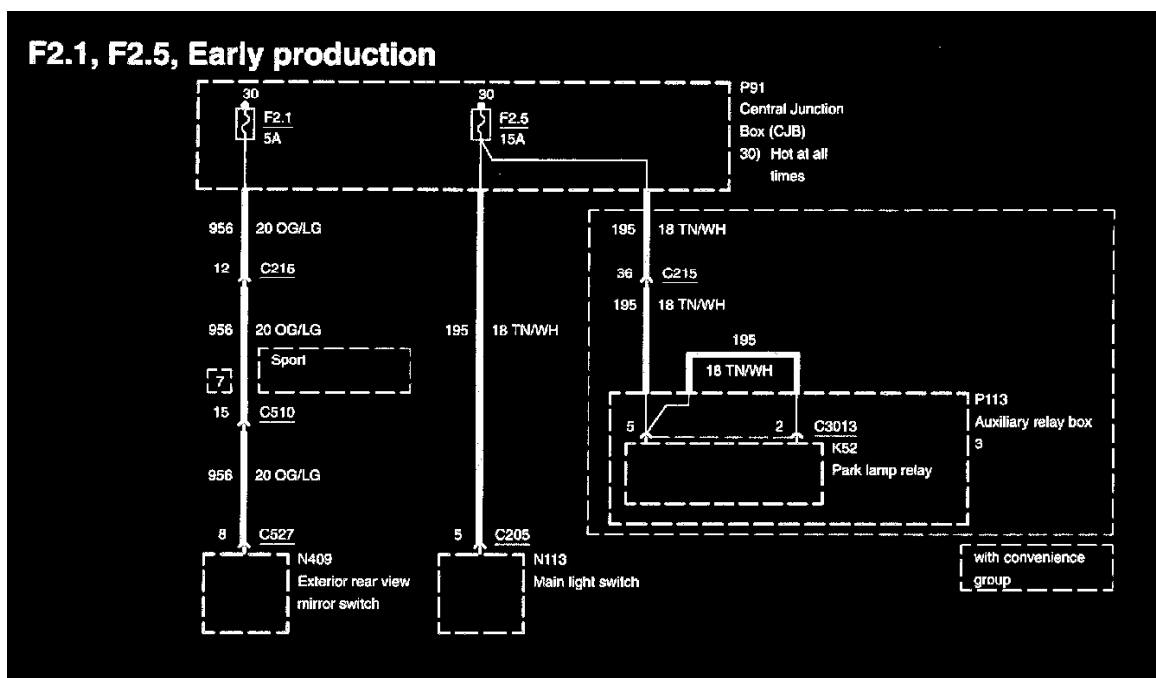
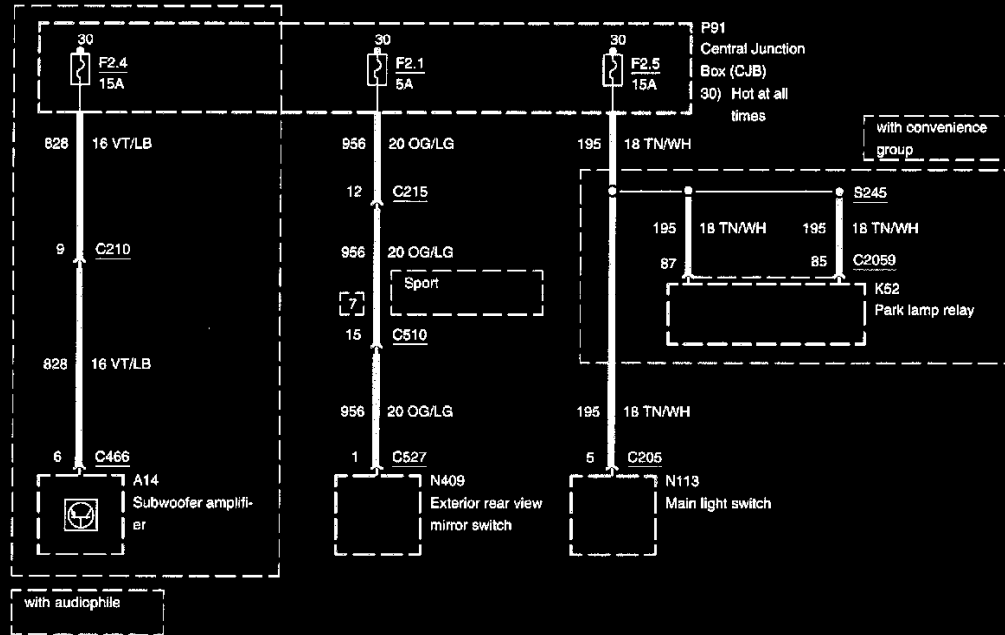


Diagram 700-03-00-10

F2.1, F2.4, F2.5, Late production**Diagram 700-03-00-11****F2.6**

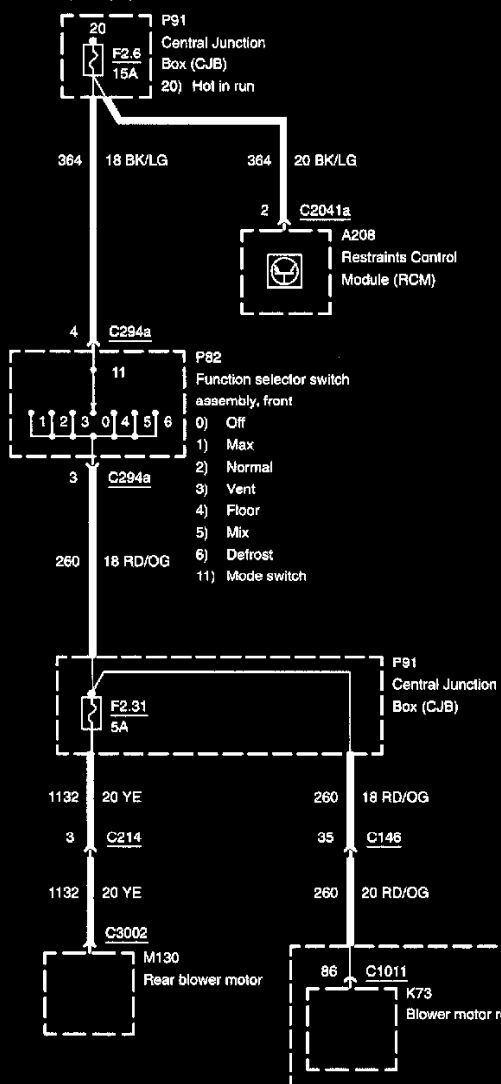
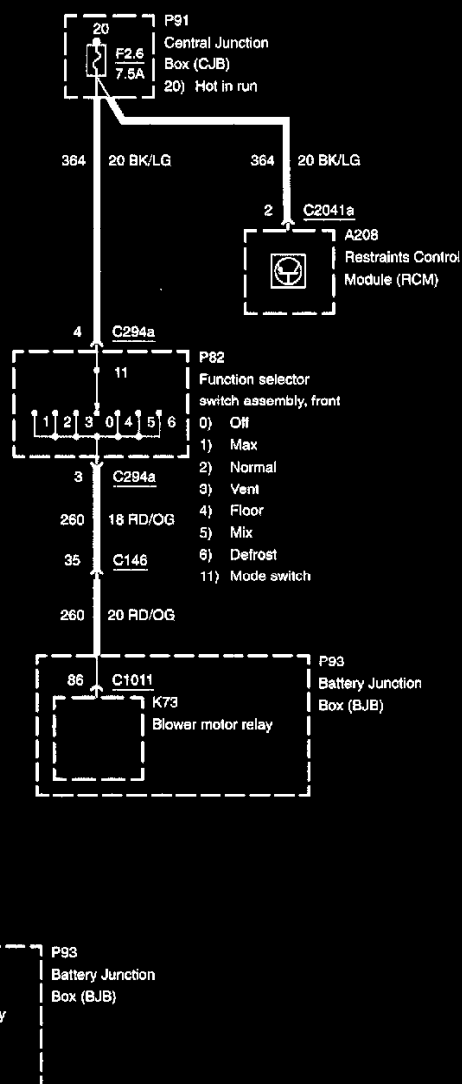
F2.6, F2.31With high series
center consoleWithout high series
center console

Diagram 700-03-00-12





Diagram 700-02-00-2

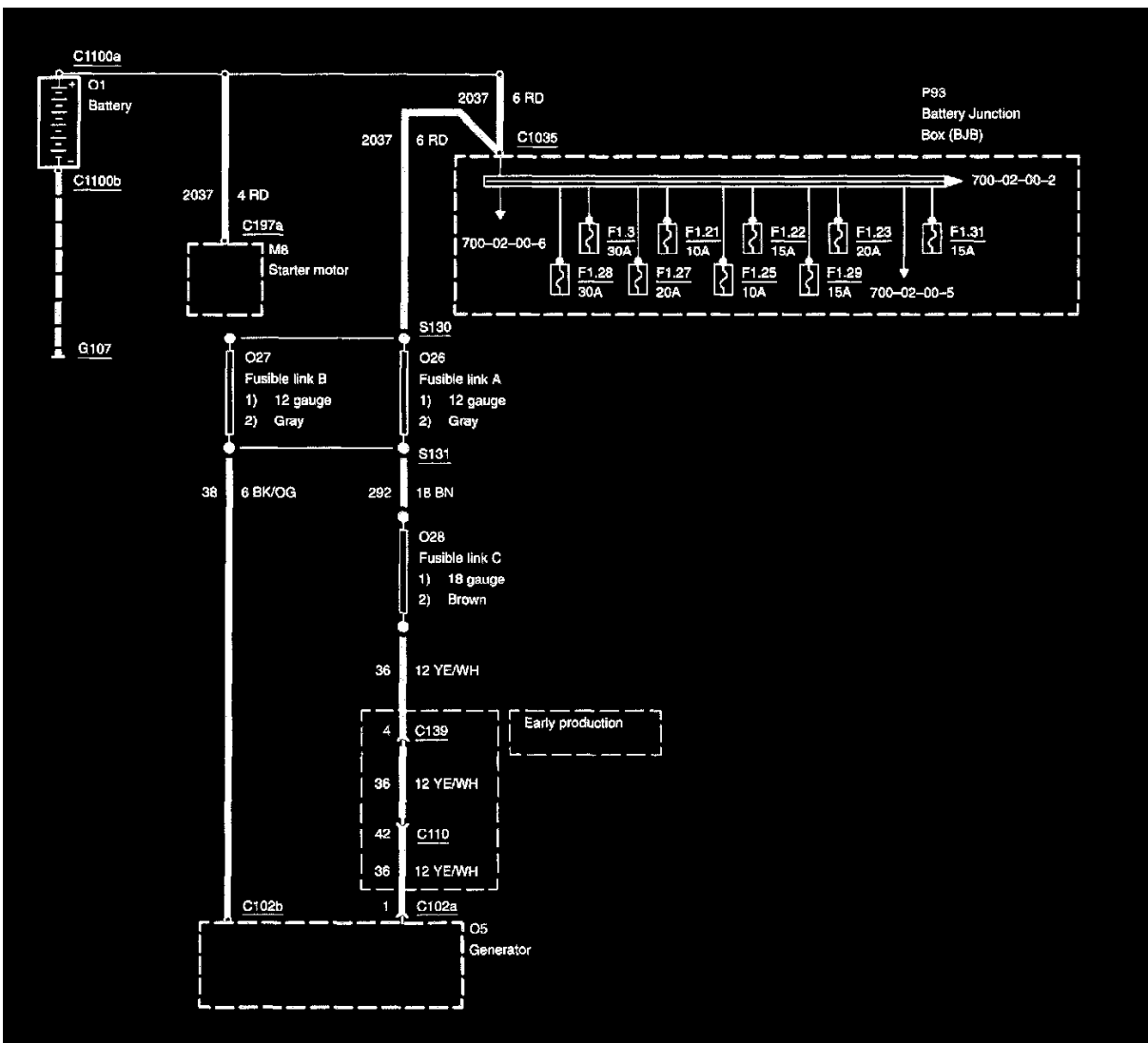


Diagram 700-02-00-1

F2.9

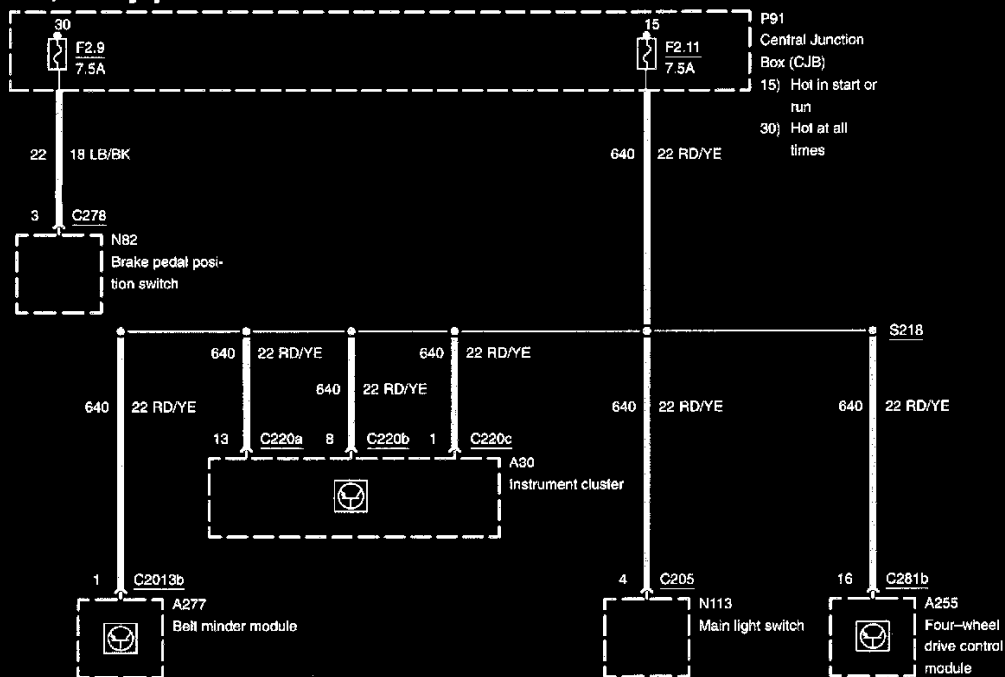
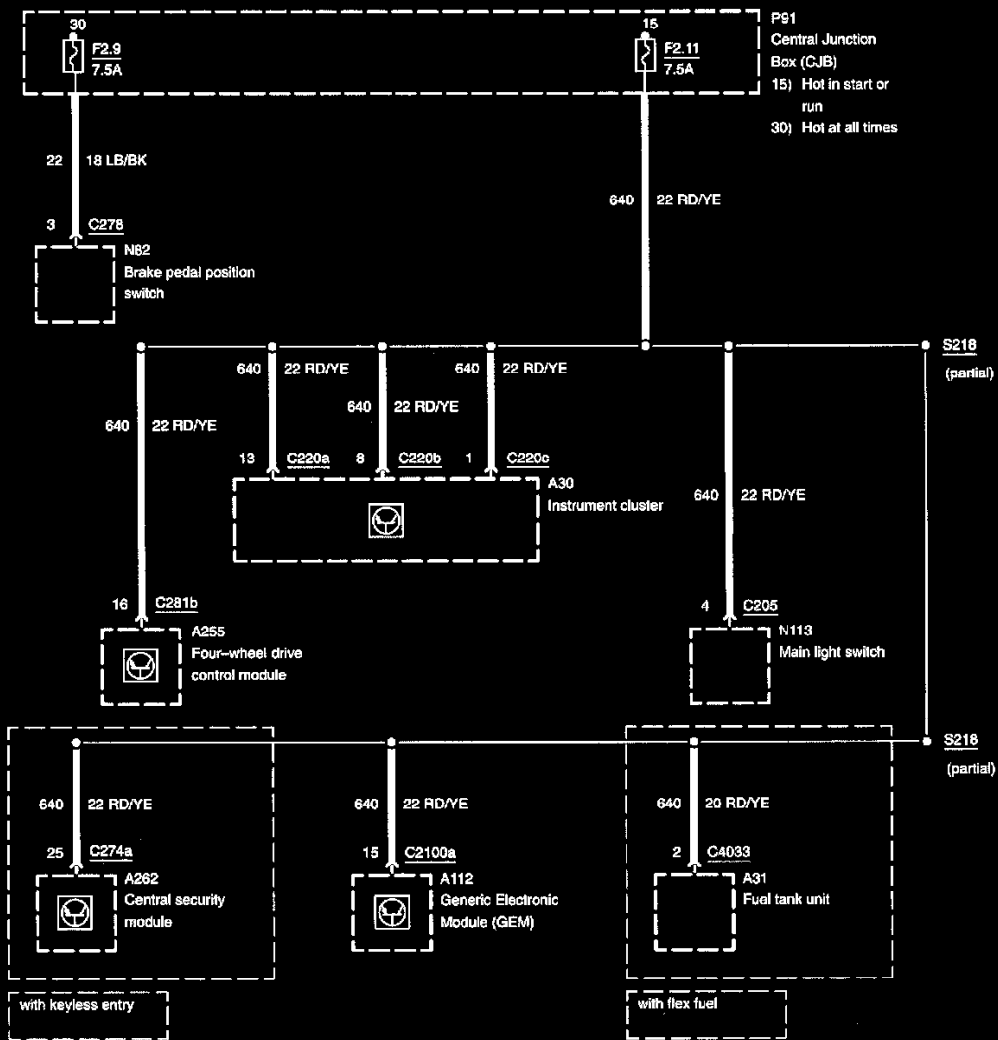
F2.9, F2.11, Early production

Diagram 700-03-00-13

F2.9, F2.11, Late production**Diagram 700-03-00-14**

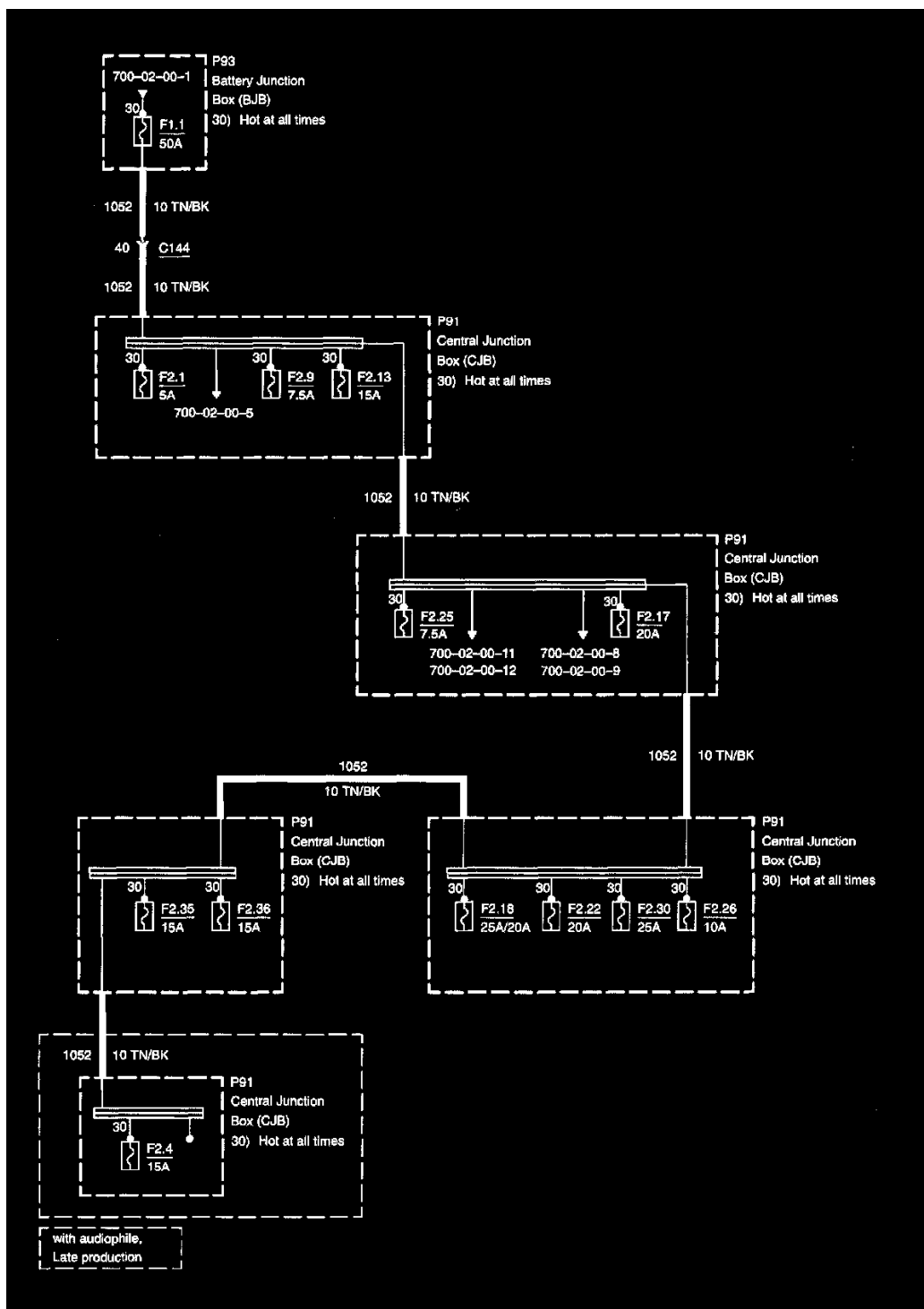


Diagram 700-02-00-6

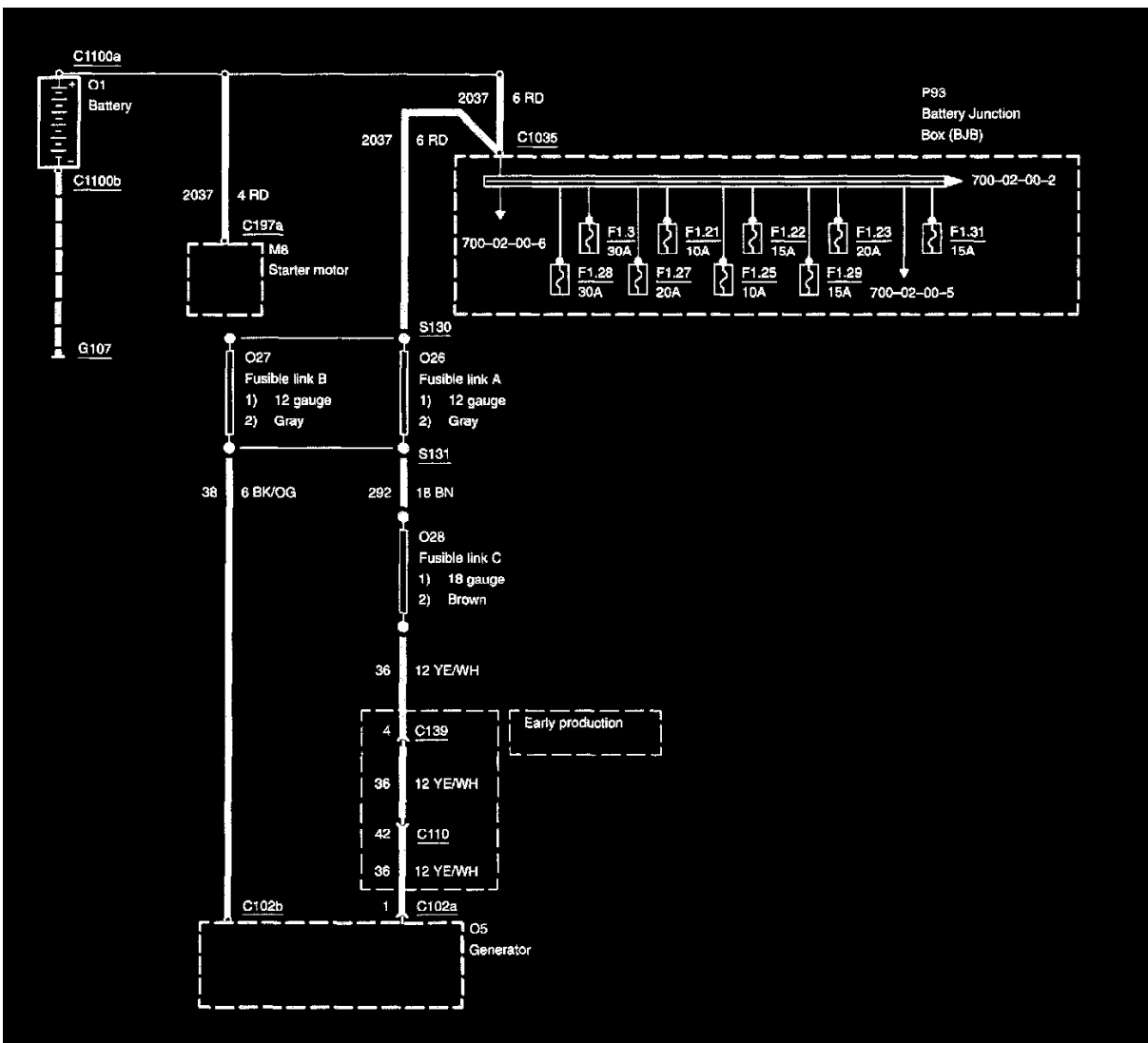
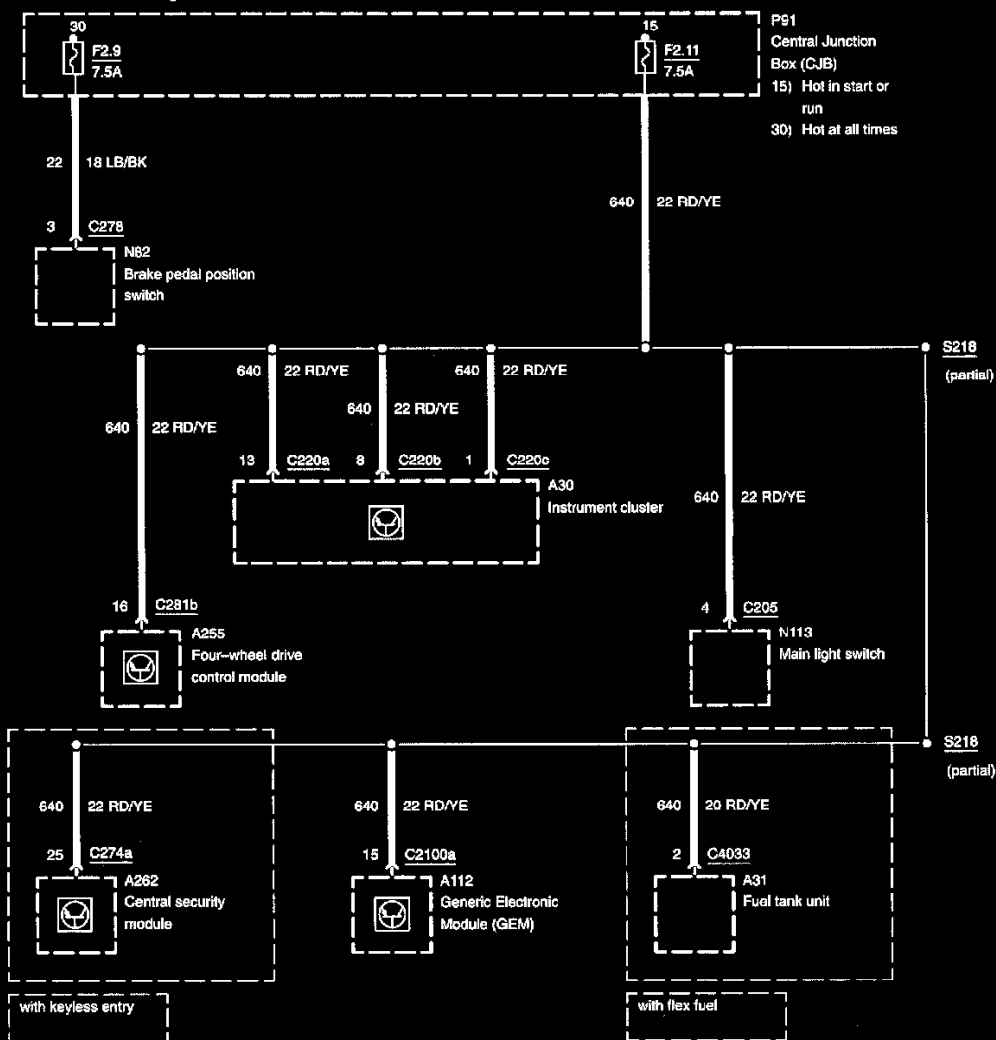


Diagram 700-03-00-13

F2.9, F2.11, Late production**Diagram 700-03-00-14**

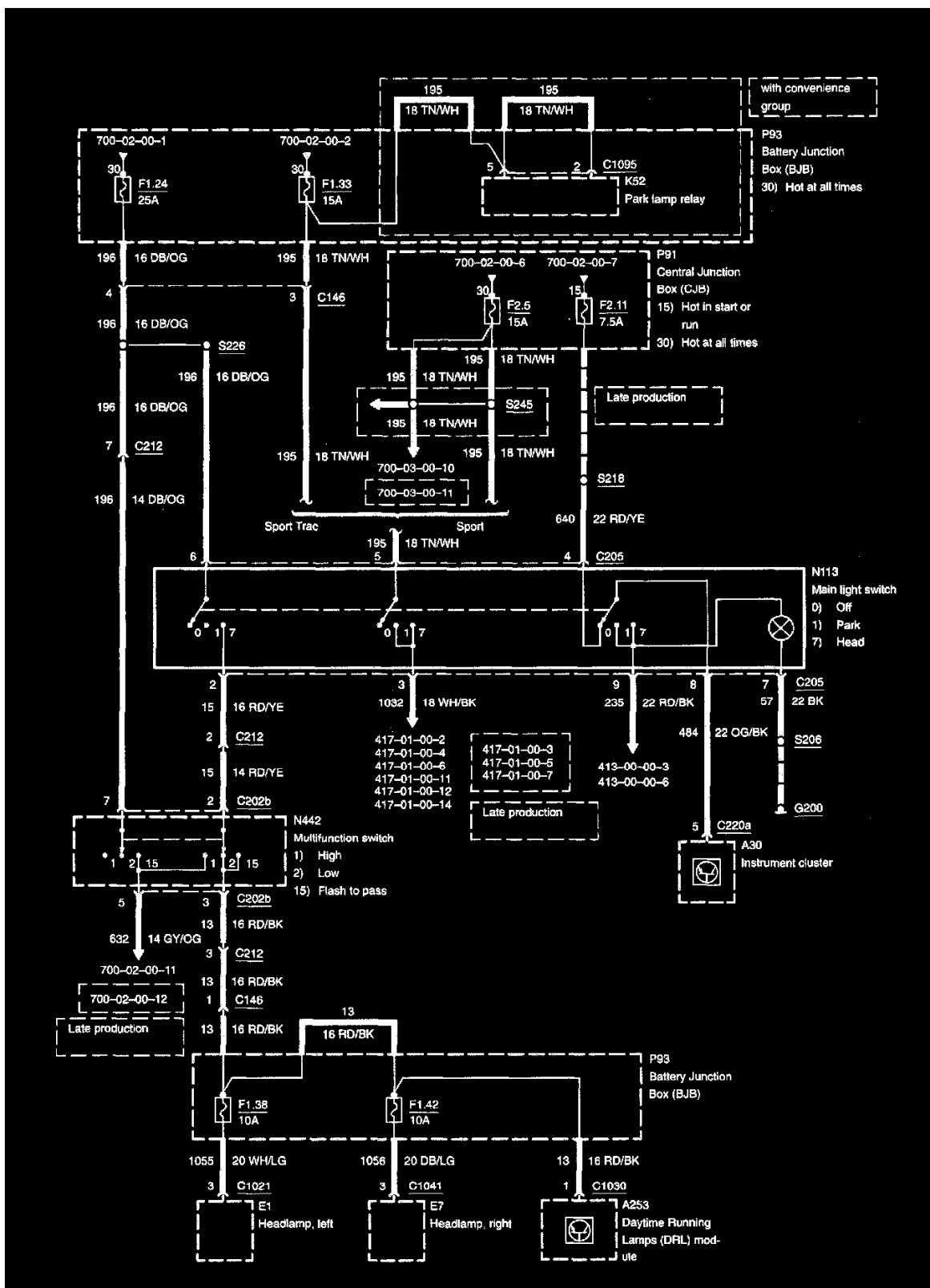


Diagram 700-02-00-5

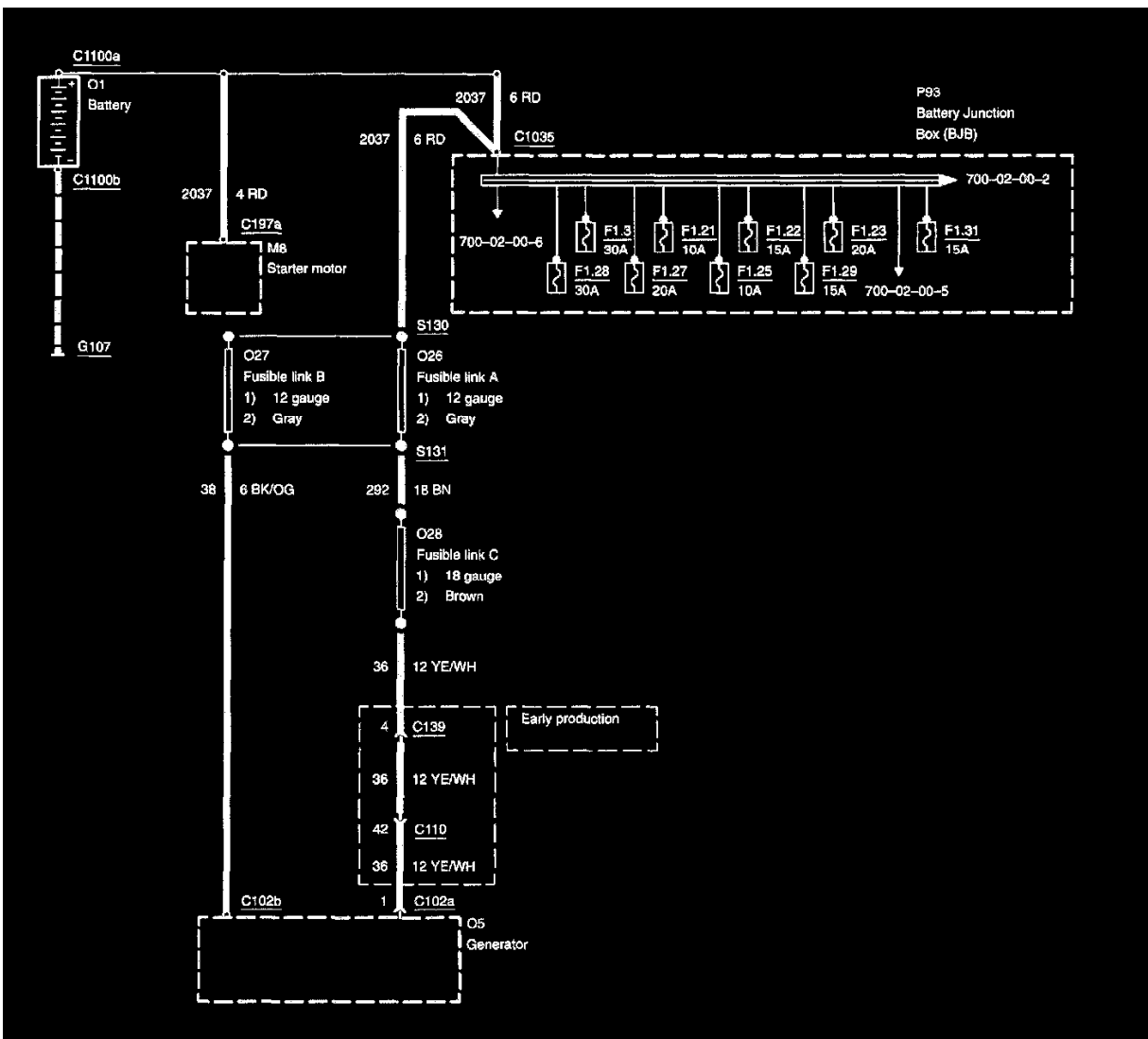


Diagram 700-02-00-1

F2.12

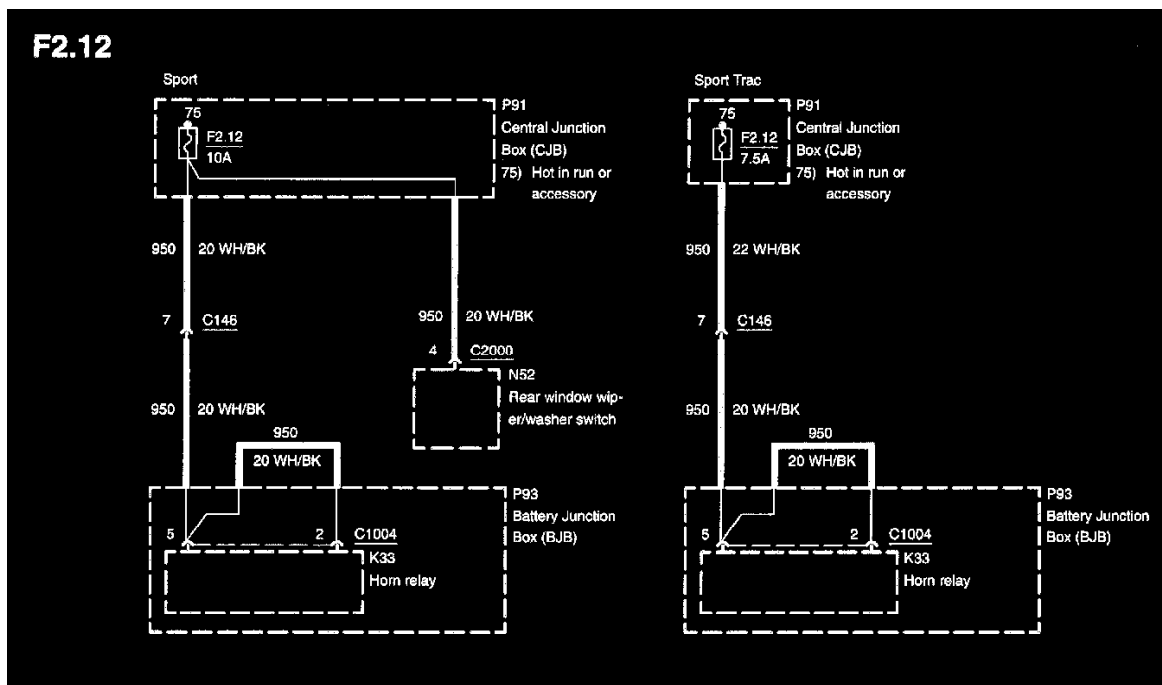
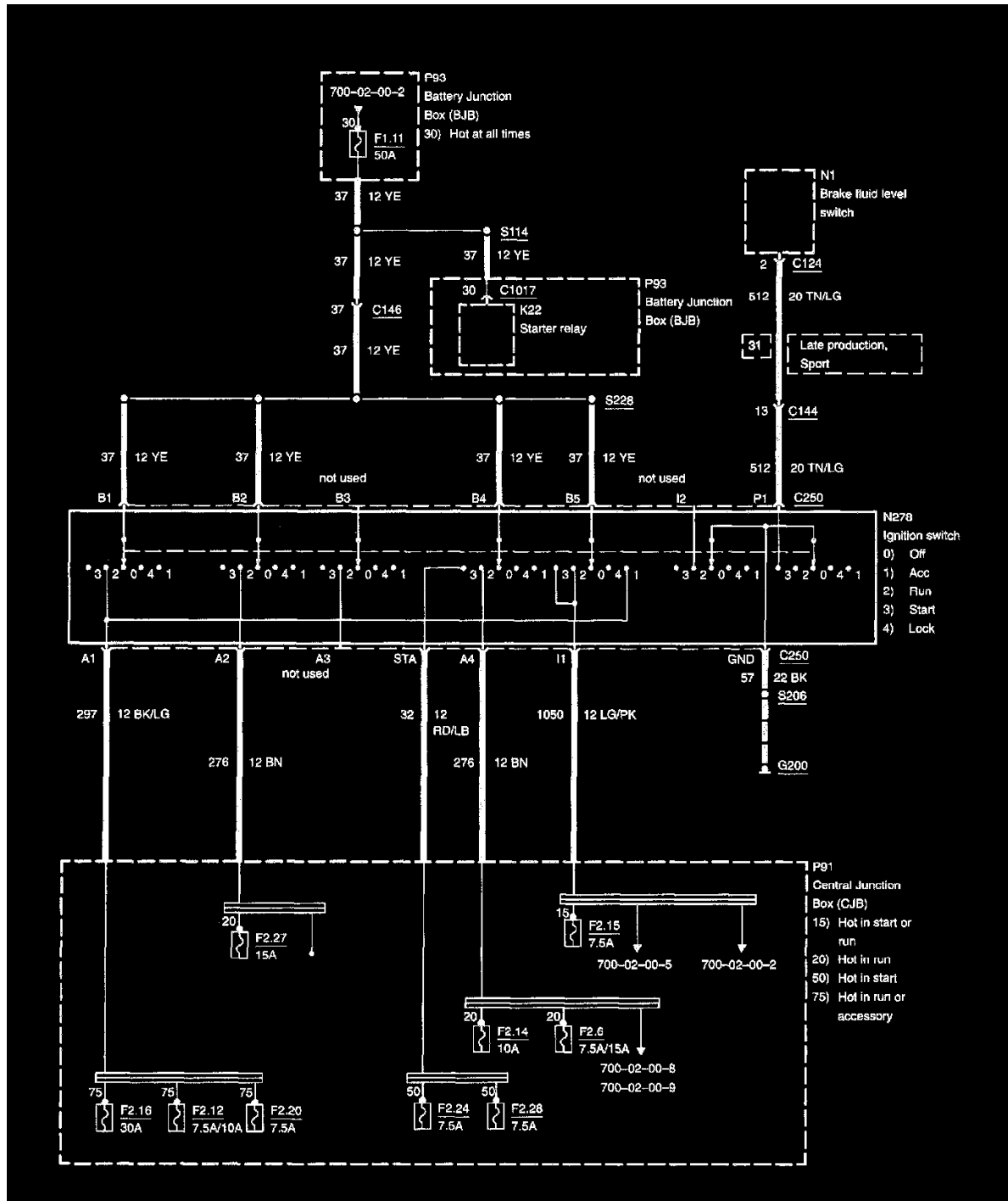


Diagram 700-02-00-7





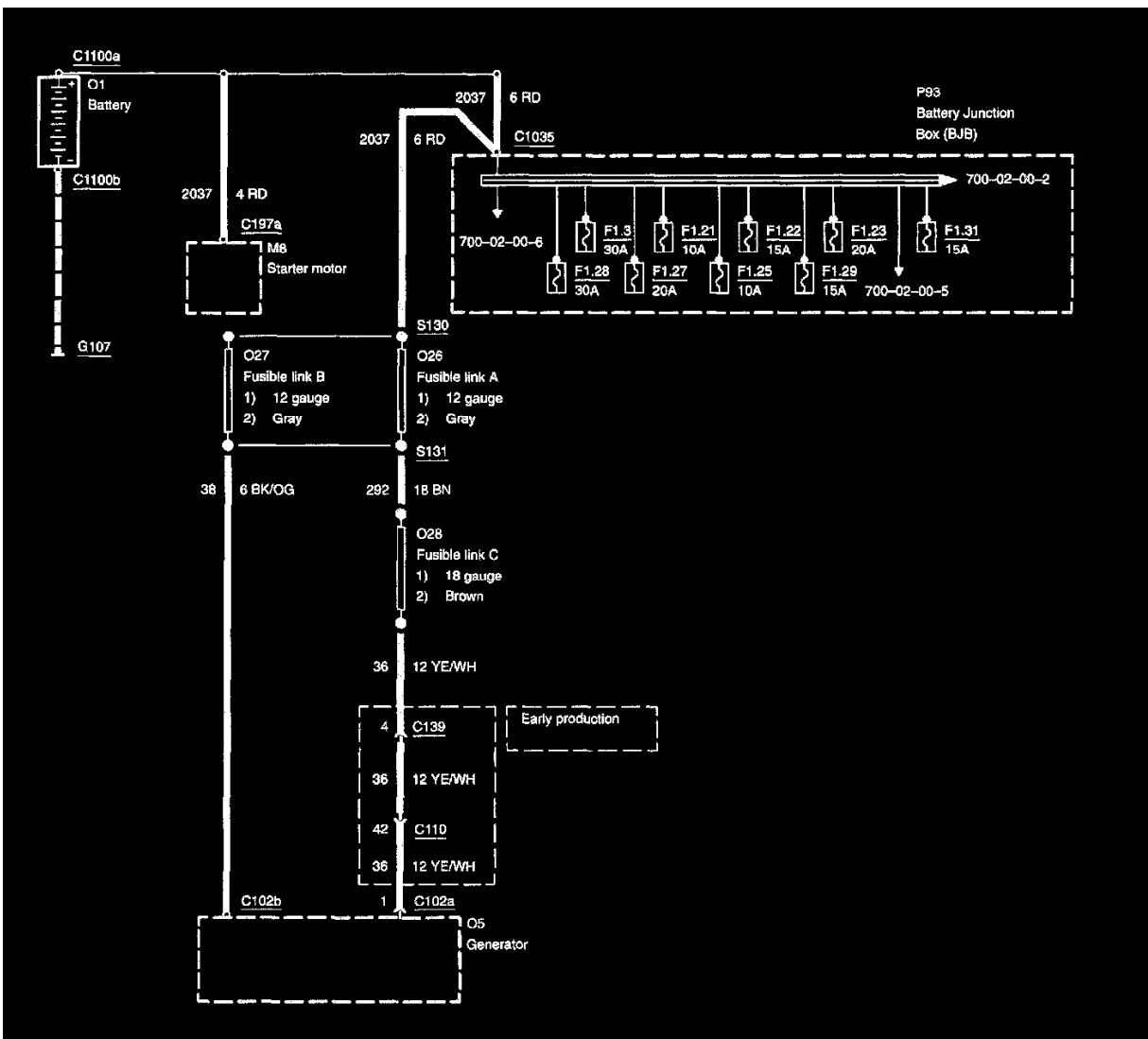


Diagram 700-02-00-1

F2.13

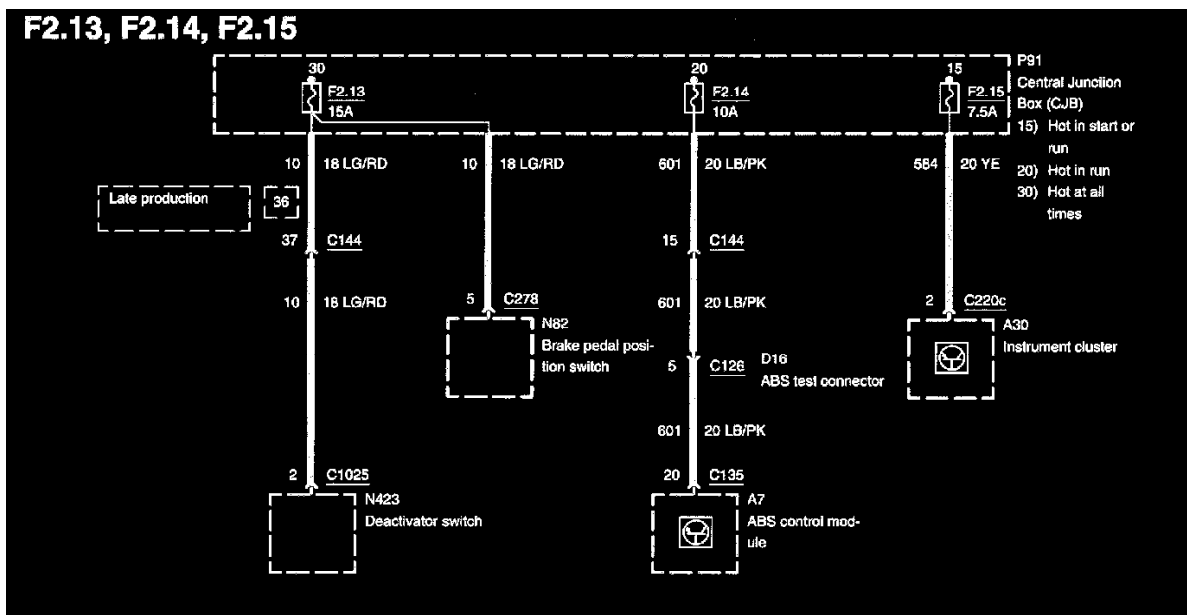


Diagram 700-03-00-16

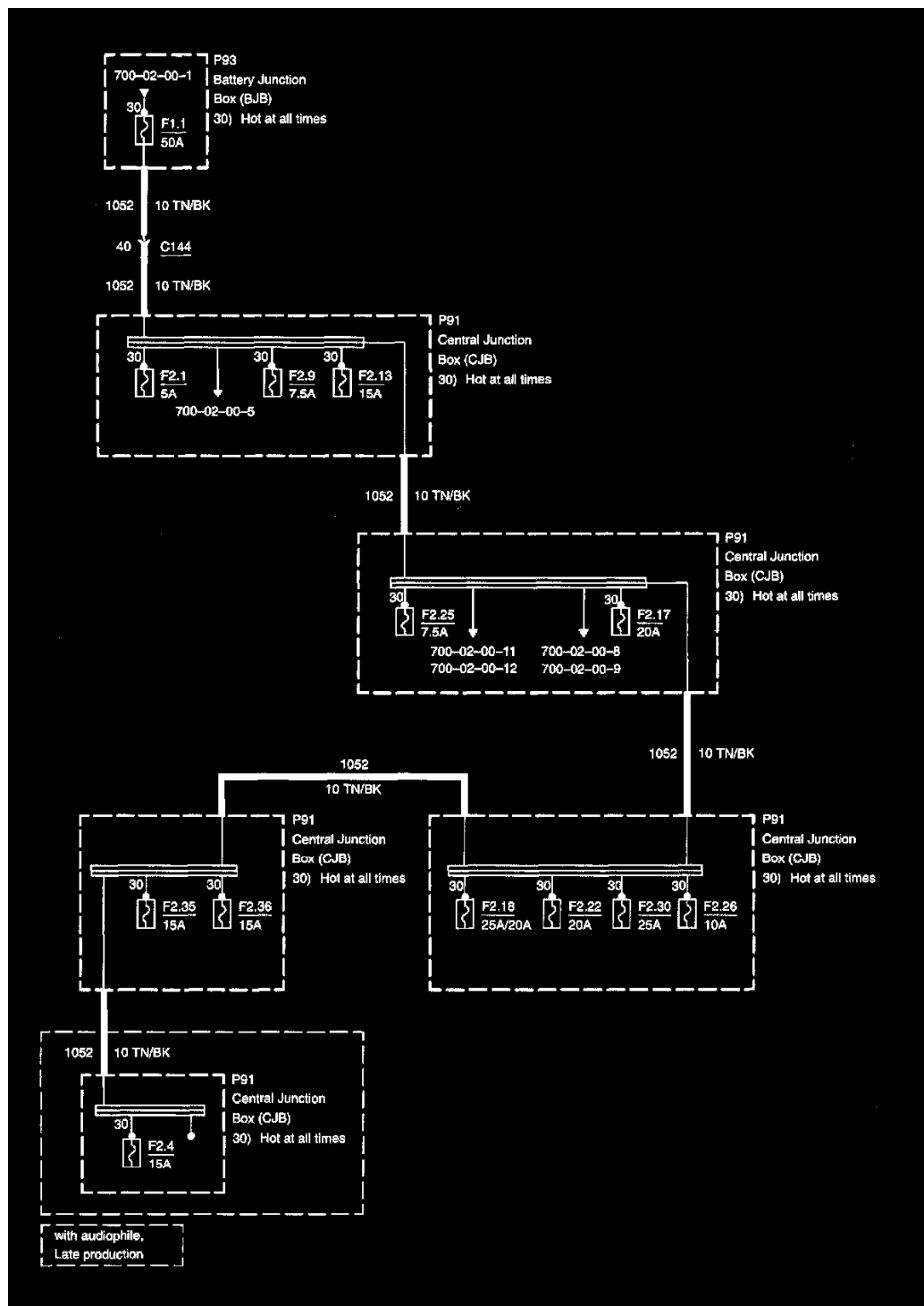


Diagram 700-02-00-6

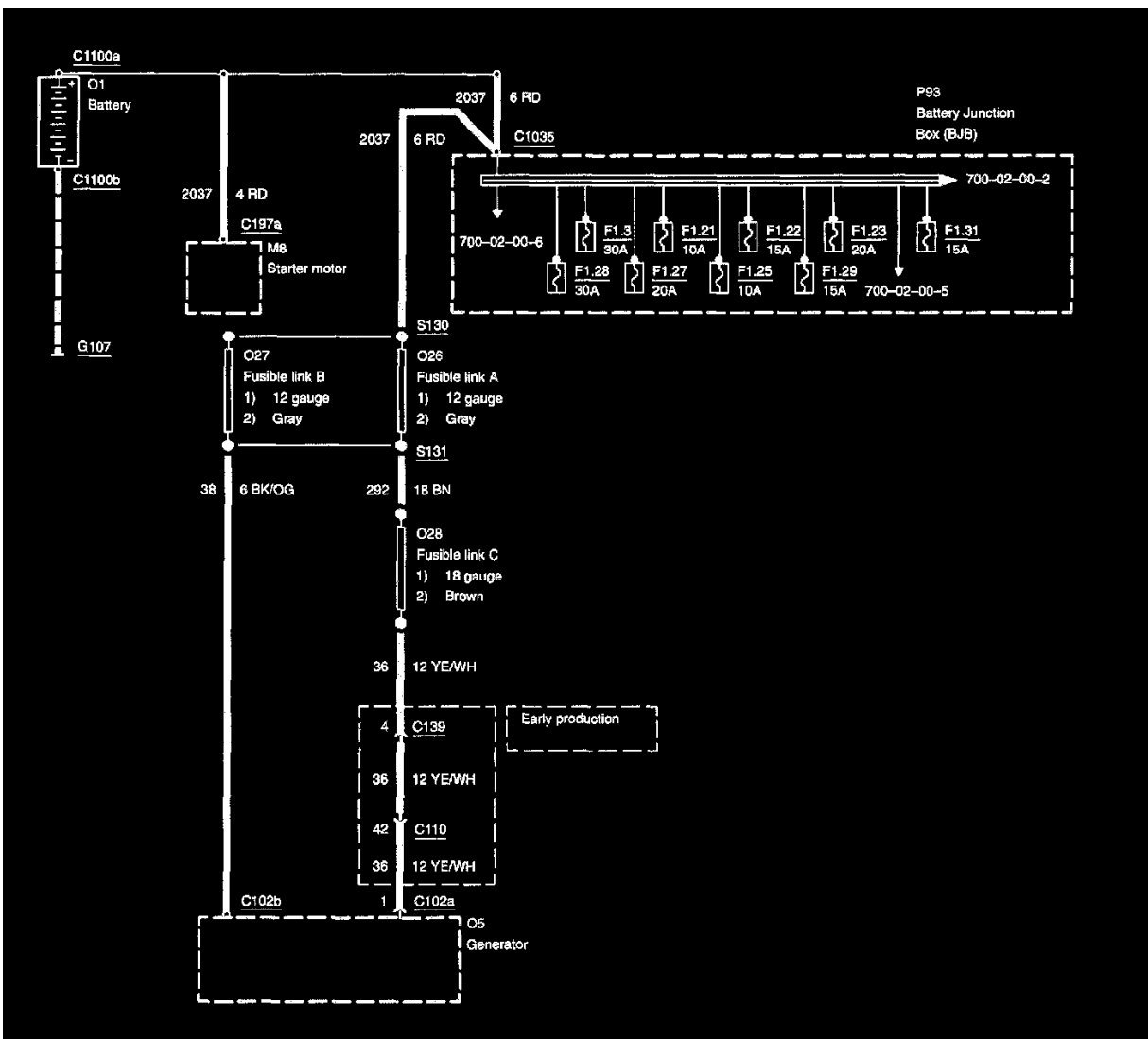


Diagram 700-02-00-1

F2.14

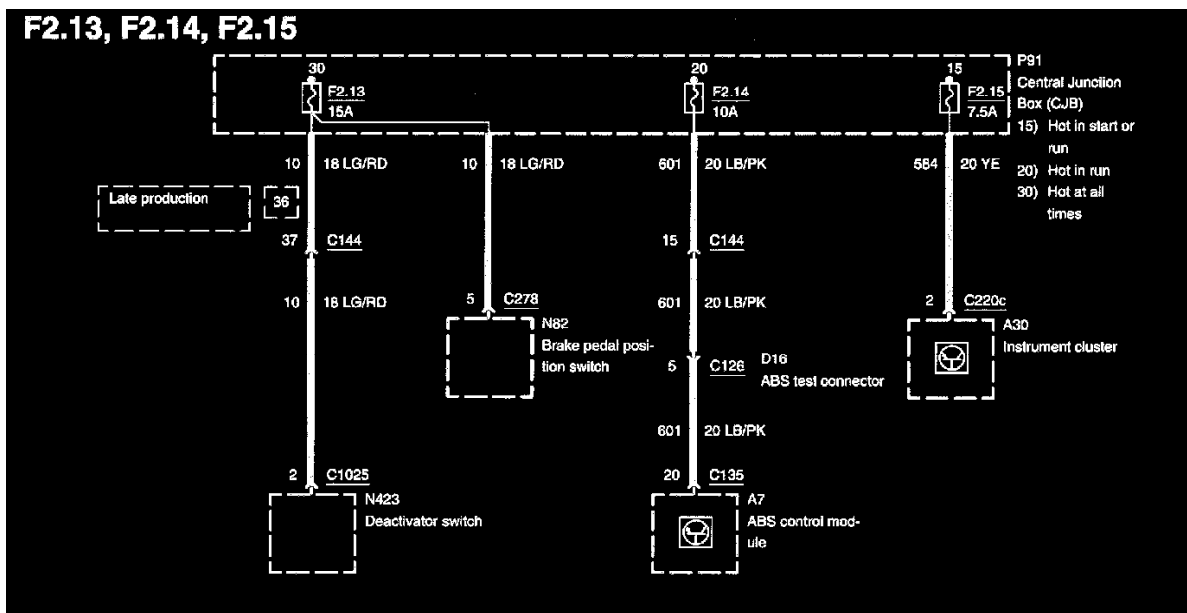


Diagram 700-03-00-16

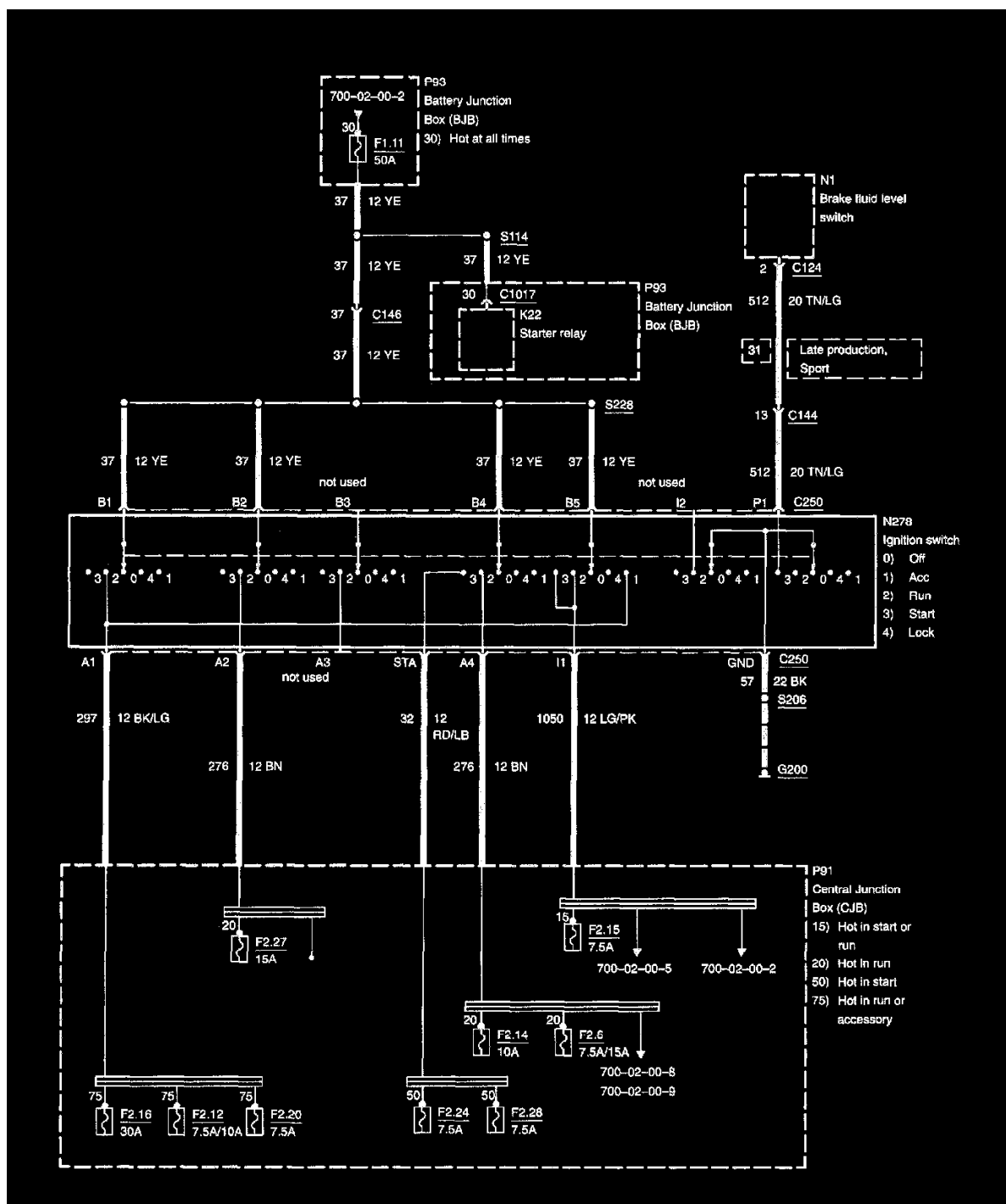


Diagram 700-02-00-7

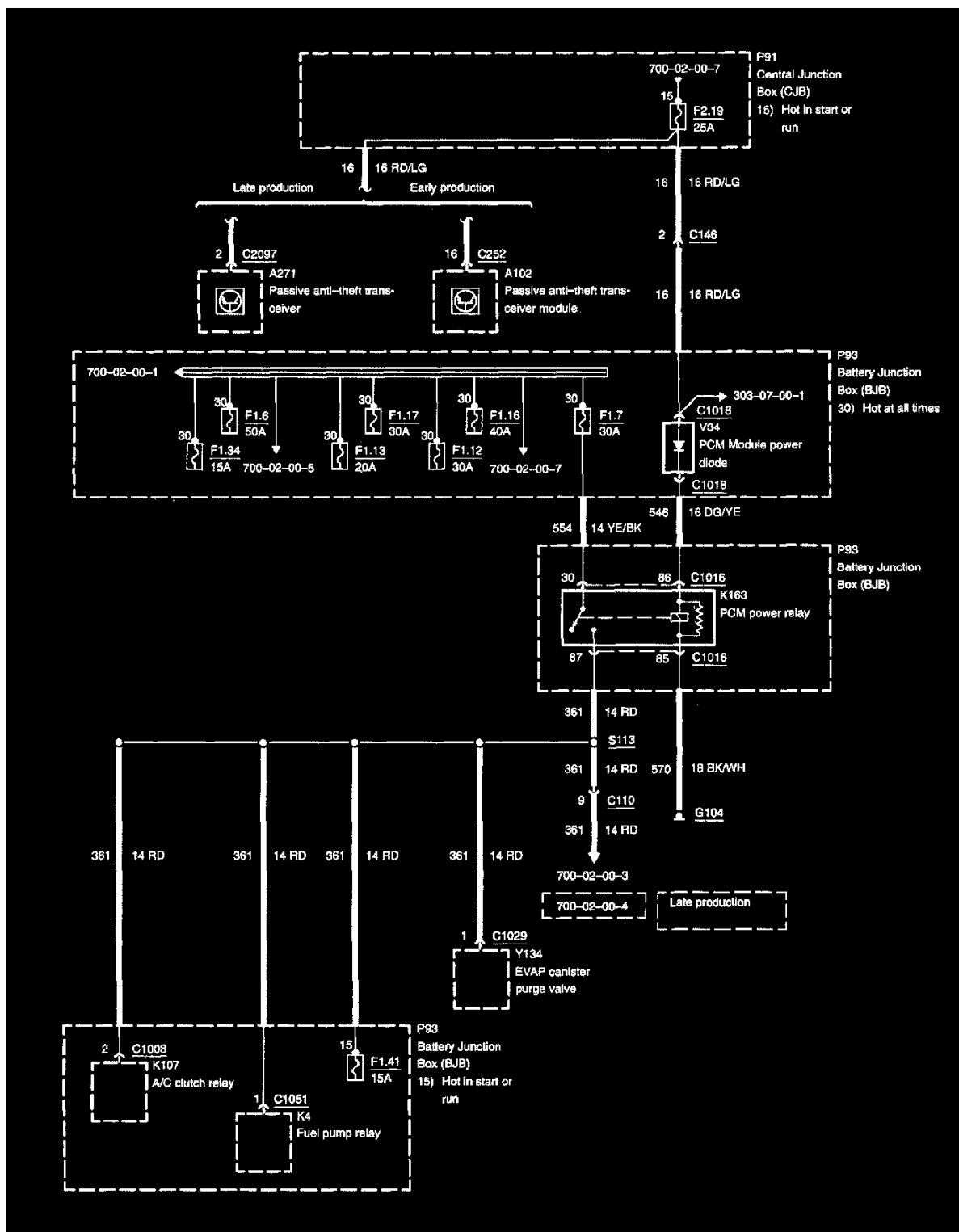


Diagram 700-02-00-2

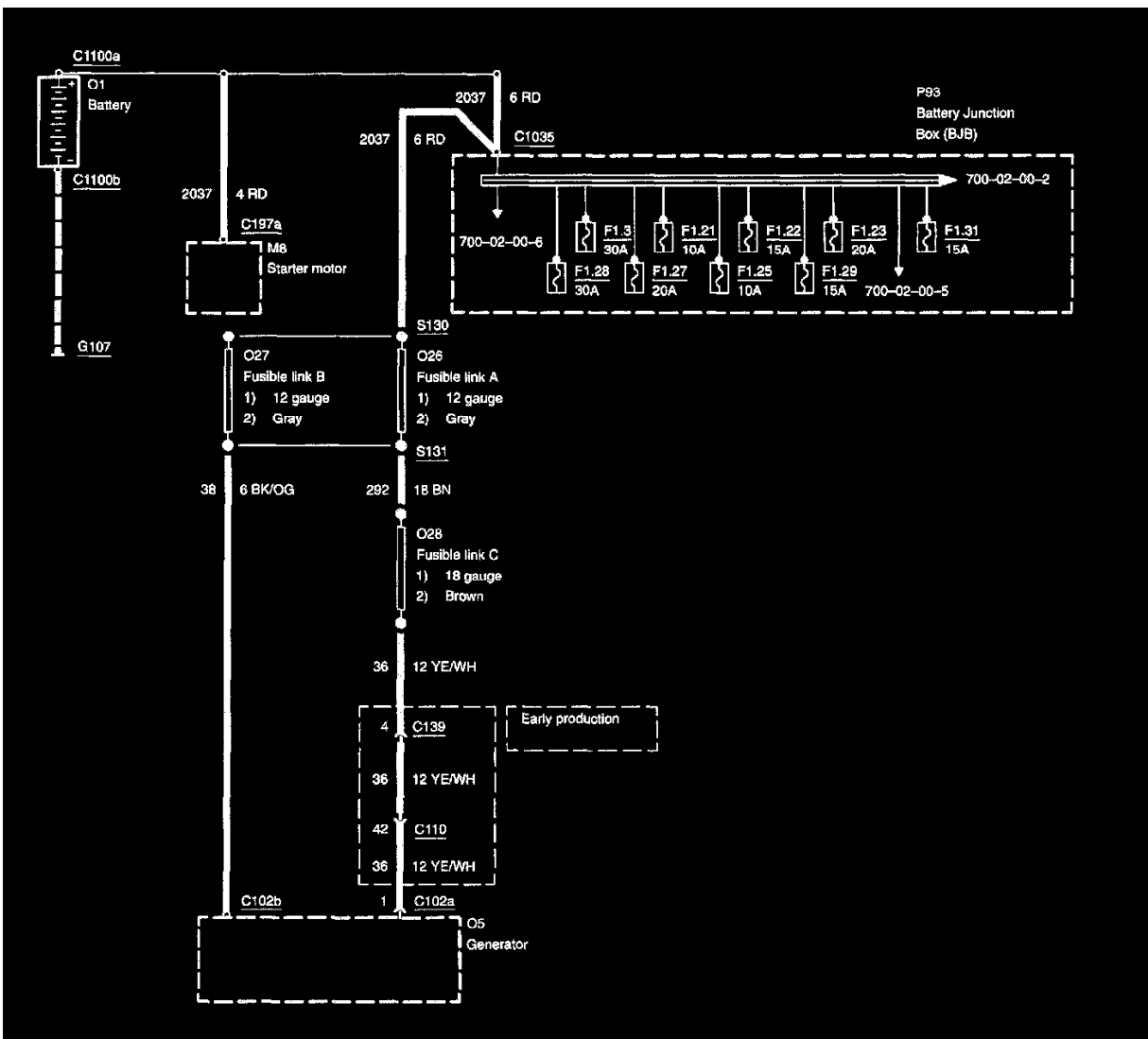


Diagram 700-02-00-1

F2.15

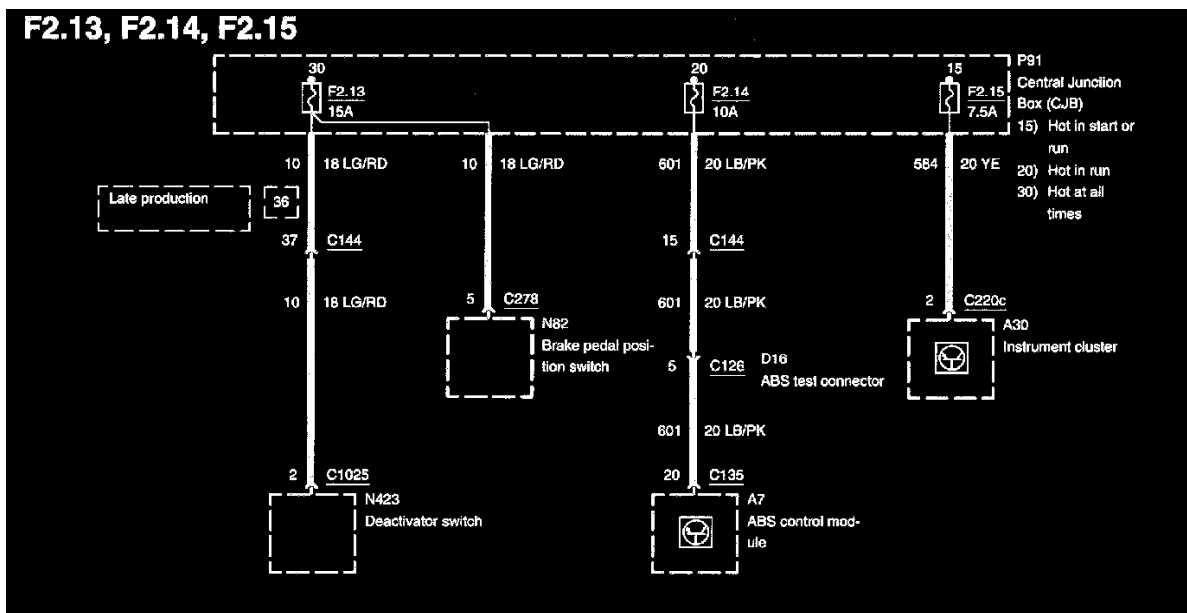


Diagram 700-03-00-16

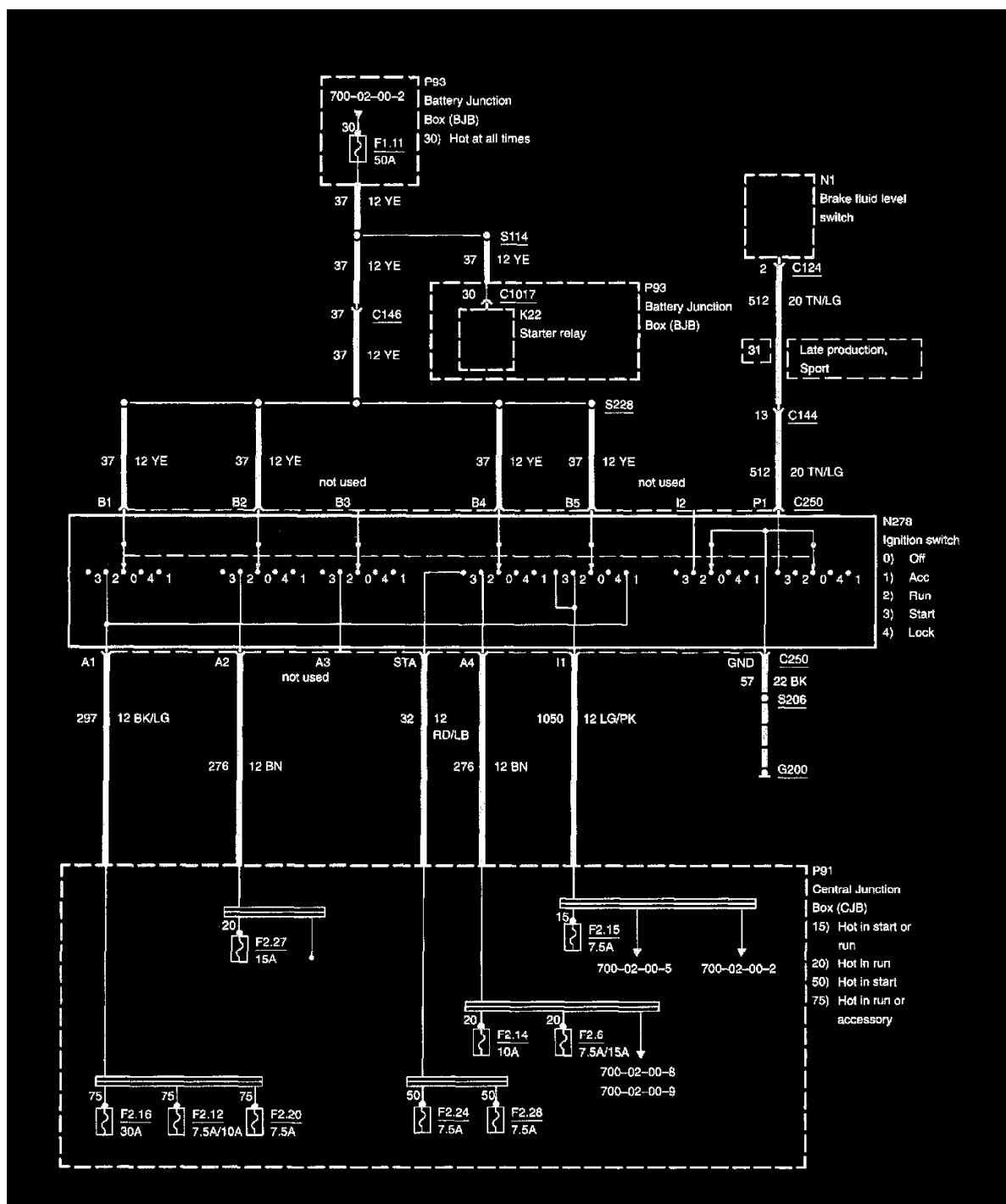


Diagram 700-02-00-7



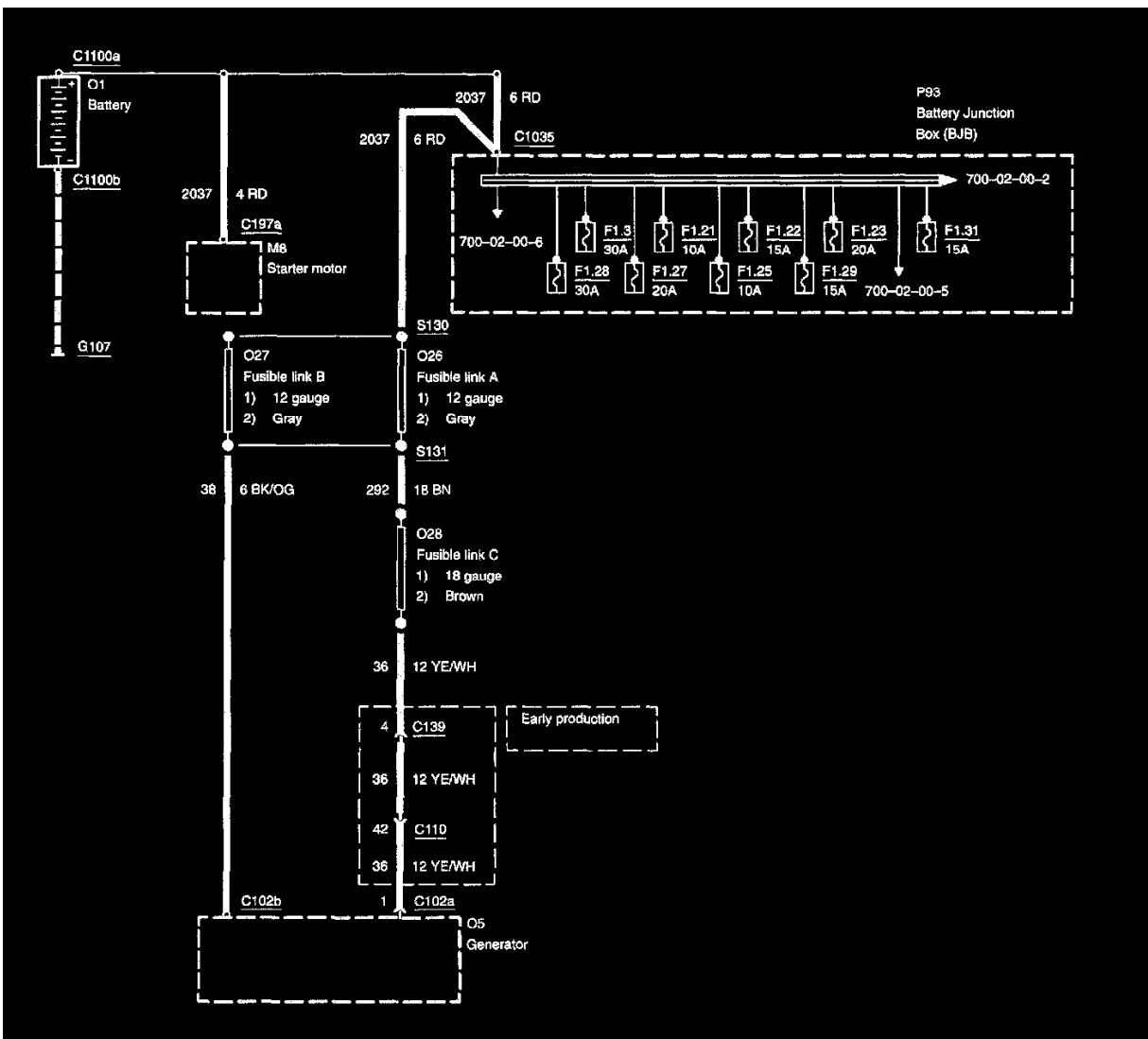


Diagram 700-02-00-1

F2.16

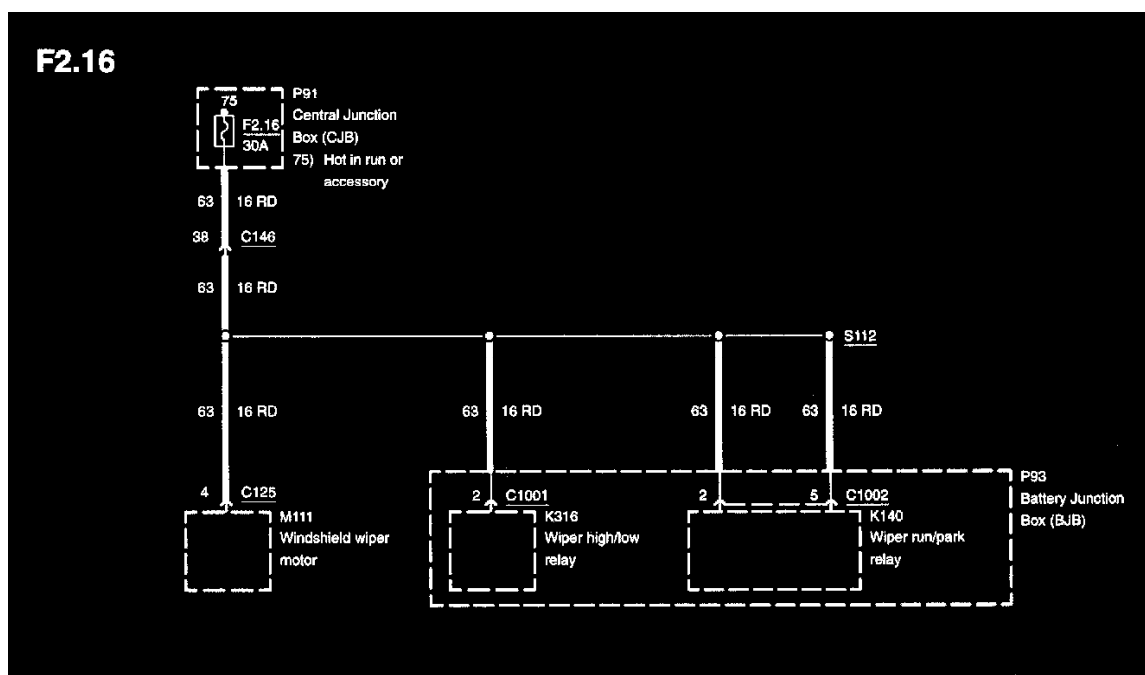


Diagram 700-03-00-17

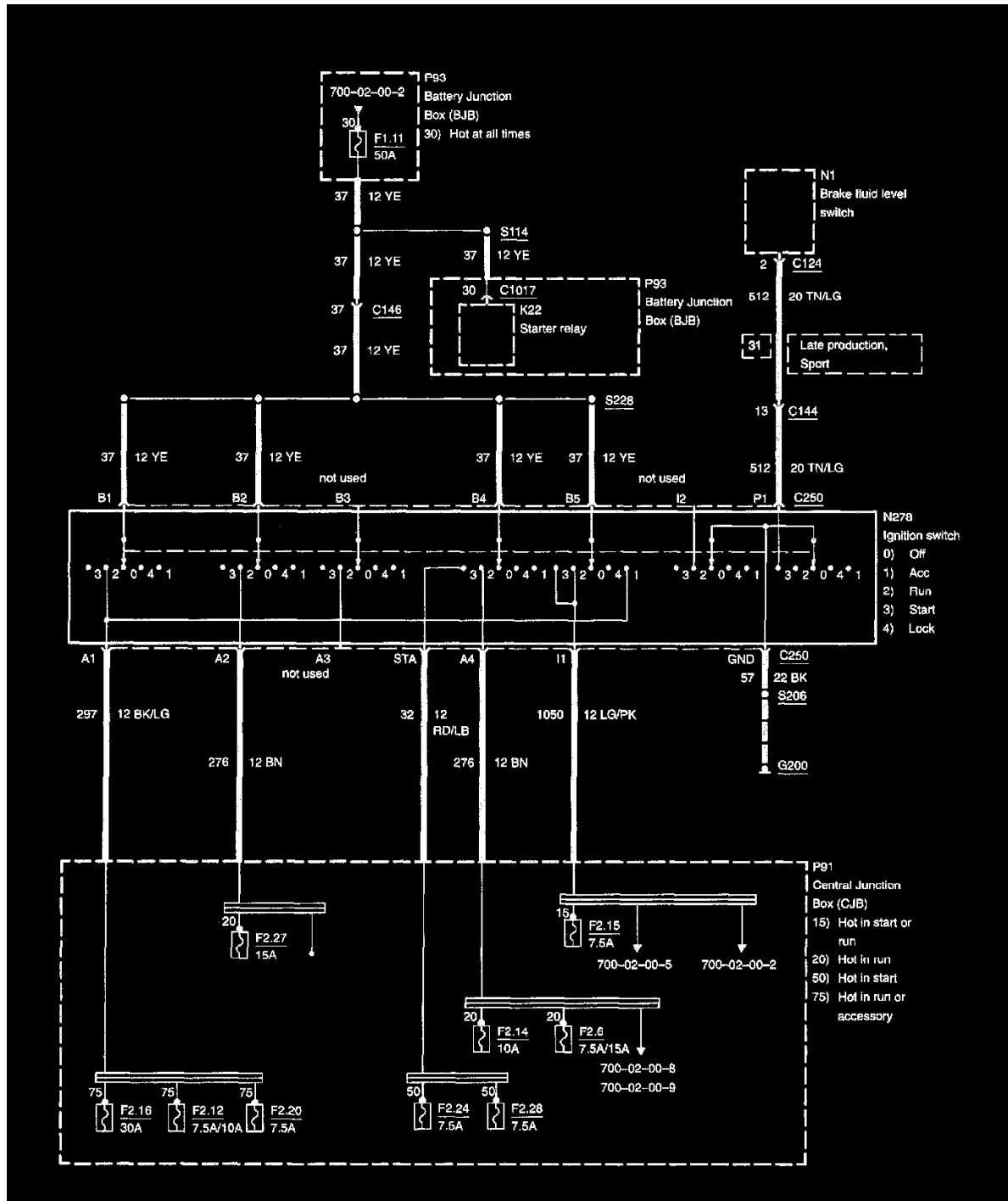


Diagram 700-02-00-7

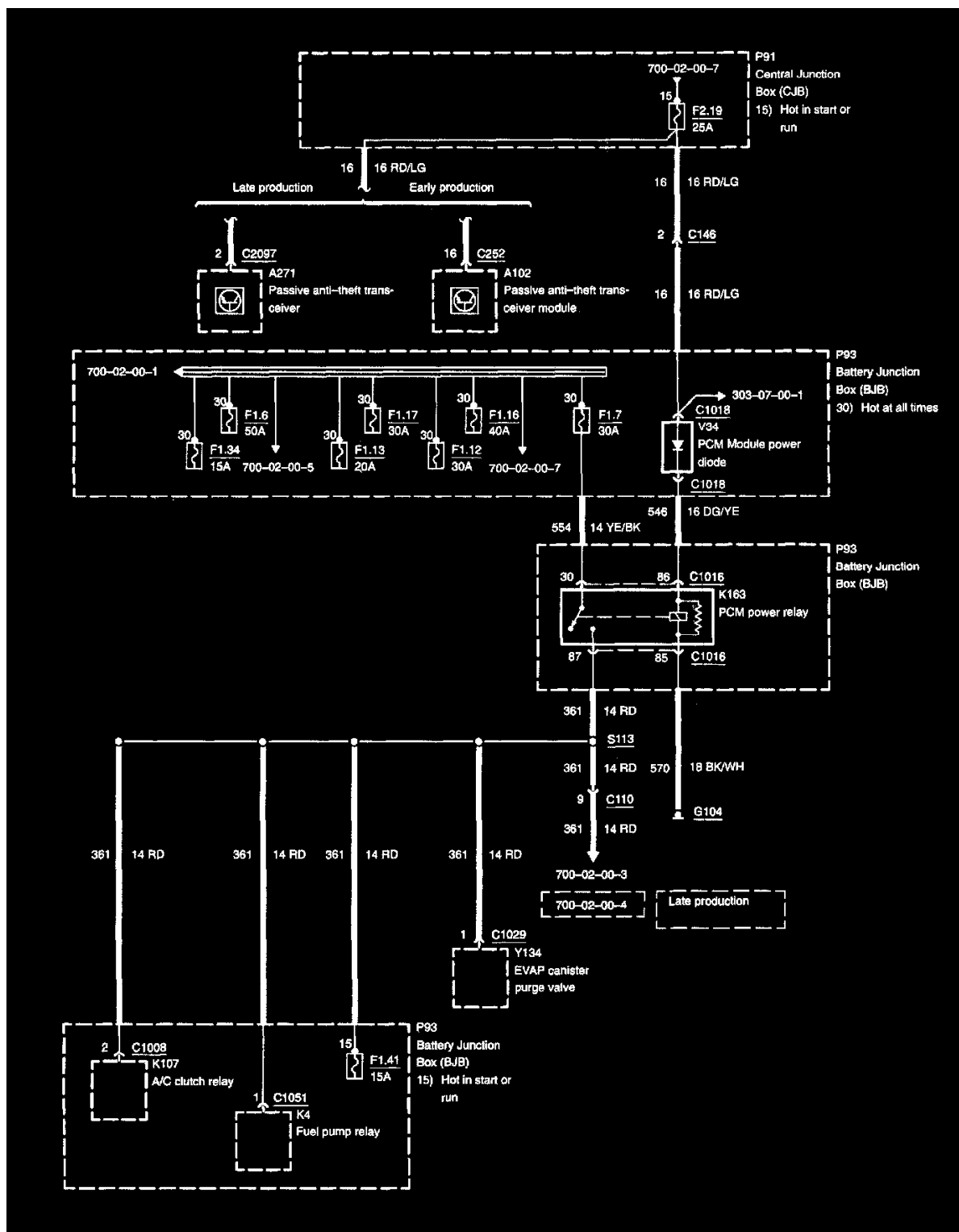


Diagram 700-02-00-2

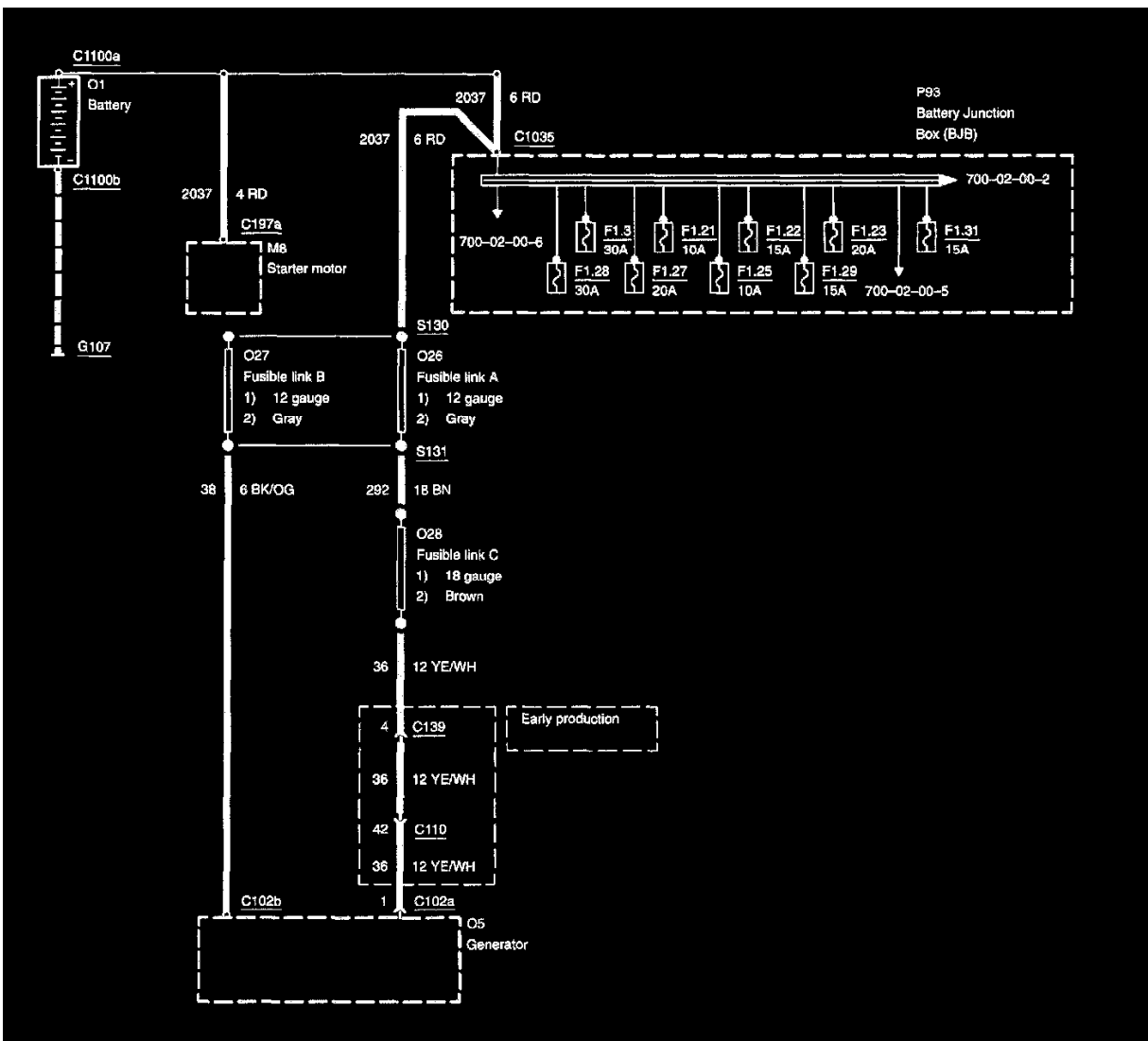


Diagram 700-02-00-1

F2.17

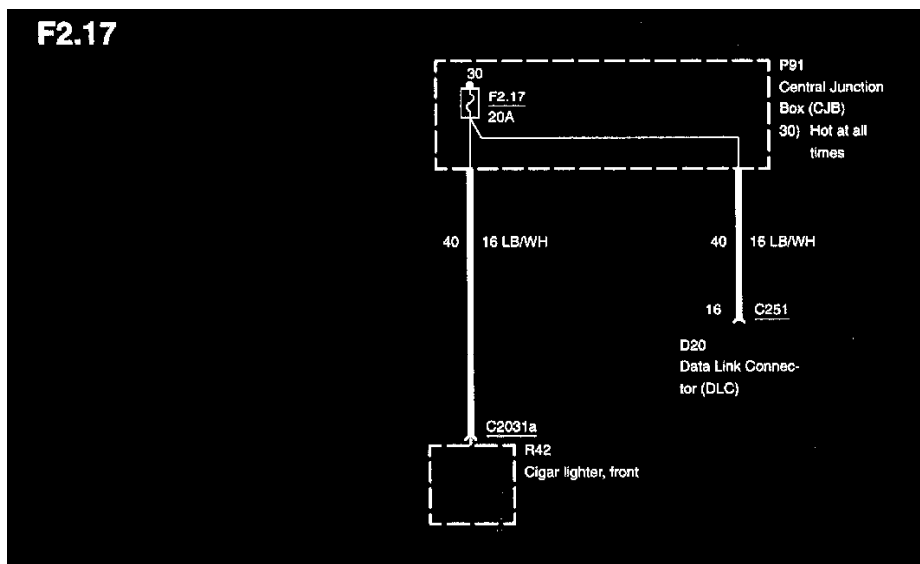


Diagram 700-03-00-18

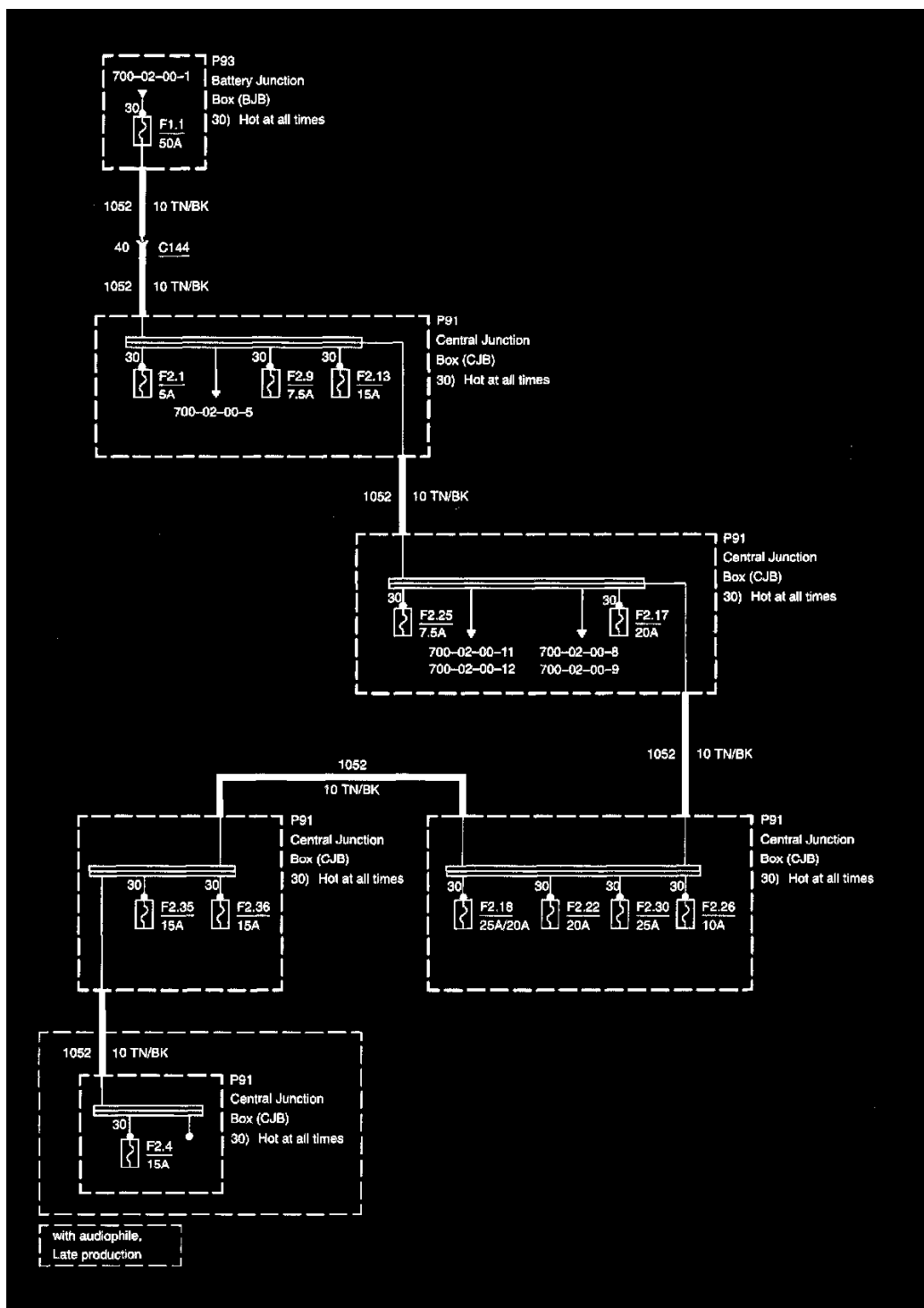


Diagram 700-02-00-6

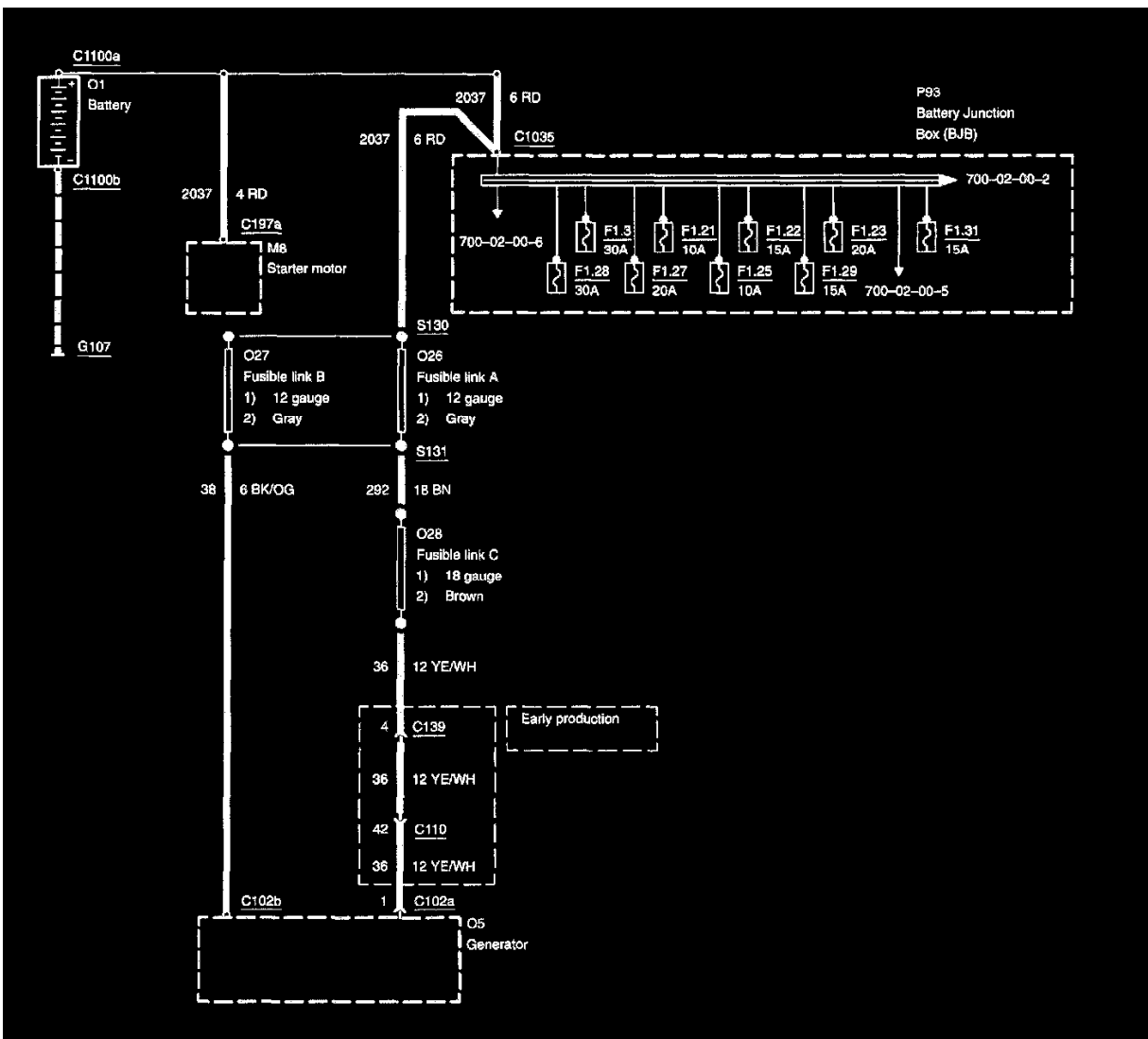


Diagram 700-02-00-1

[illegible]

Diagram 700-03-00-20

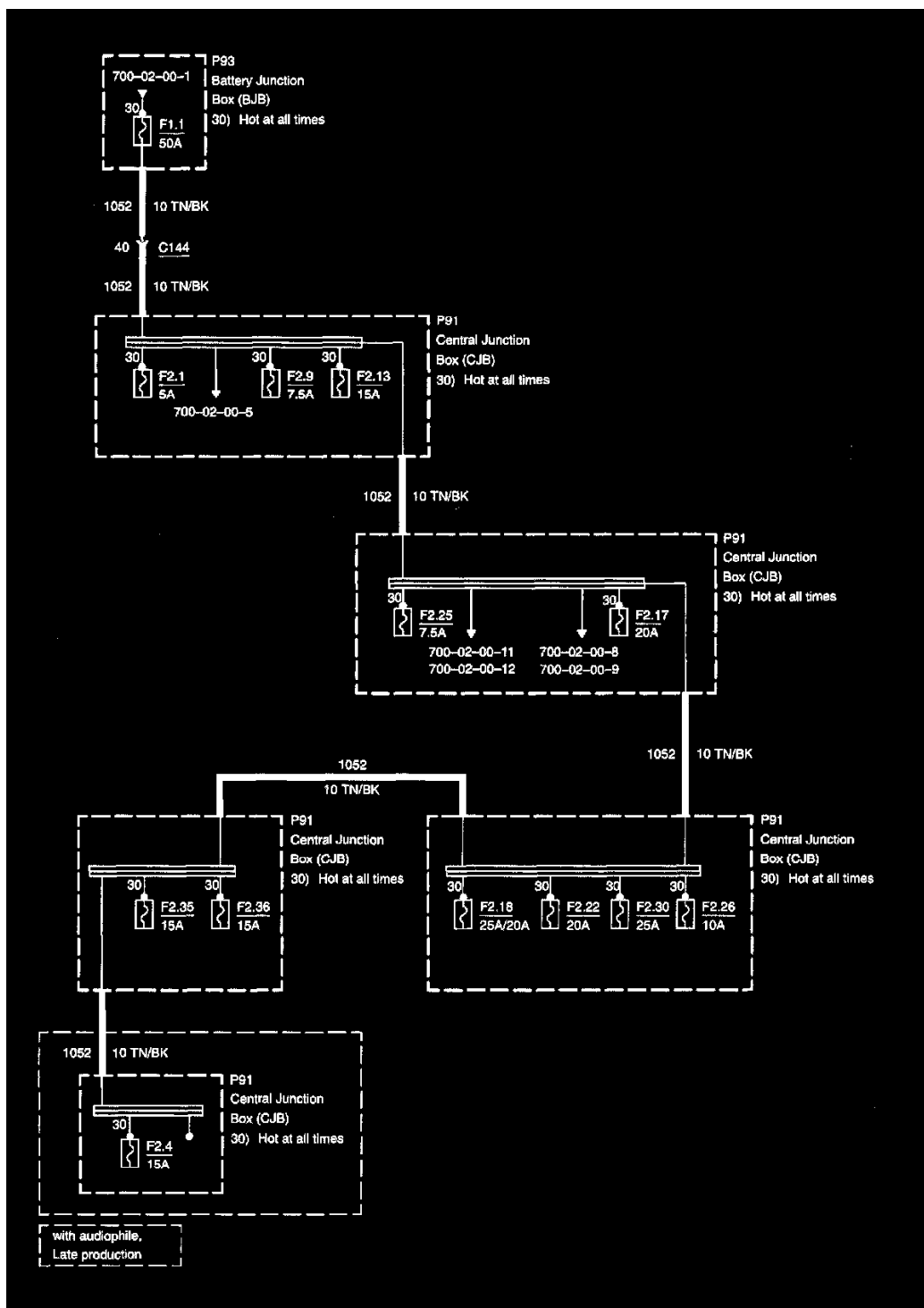
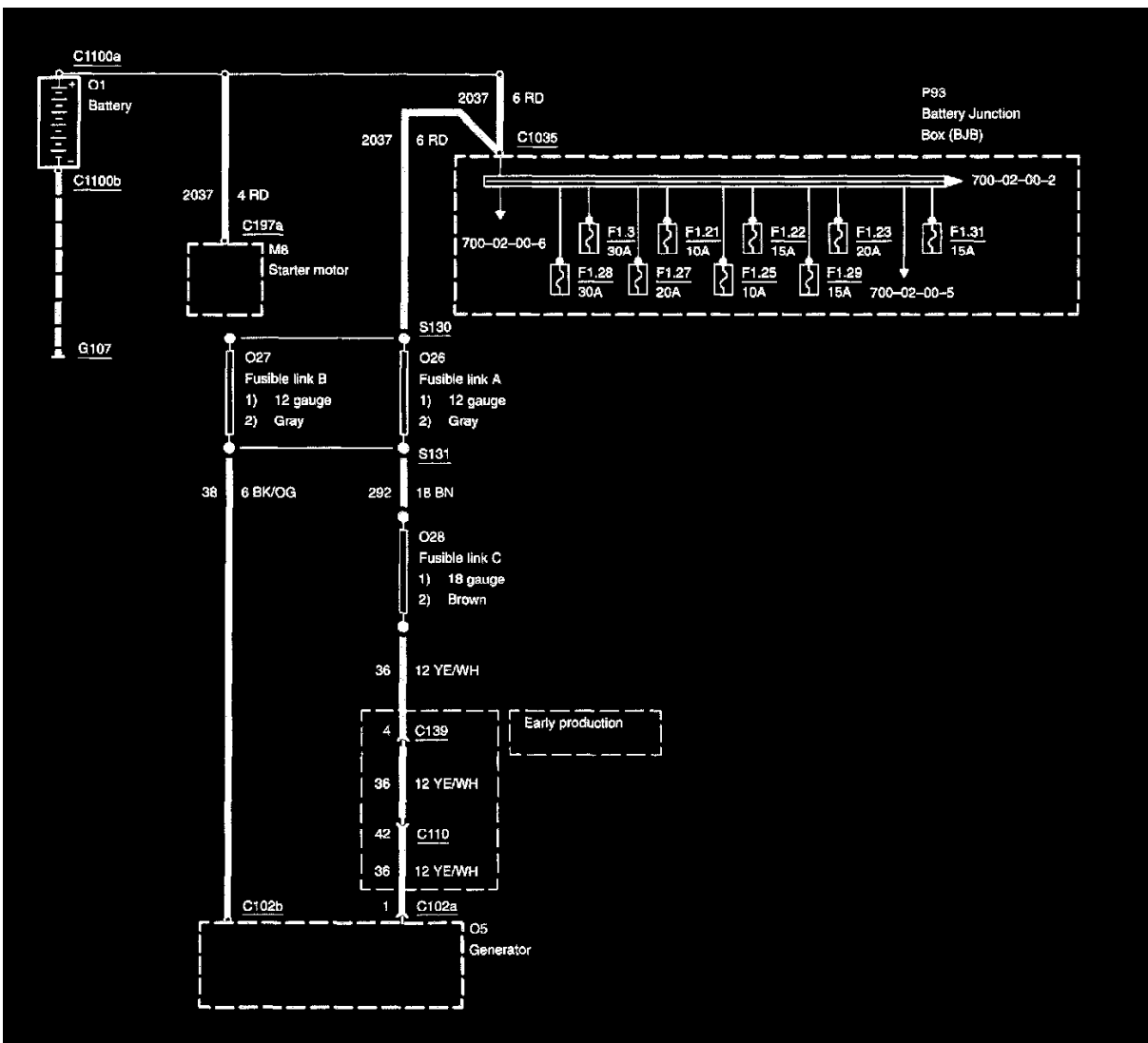


Diagram 700-02-00-6



[illegible]

Diagram 700-03-00-23





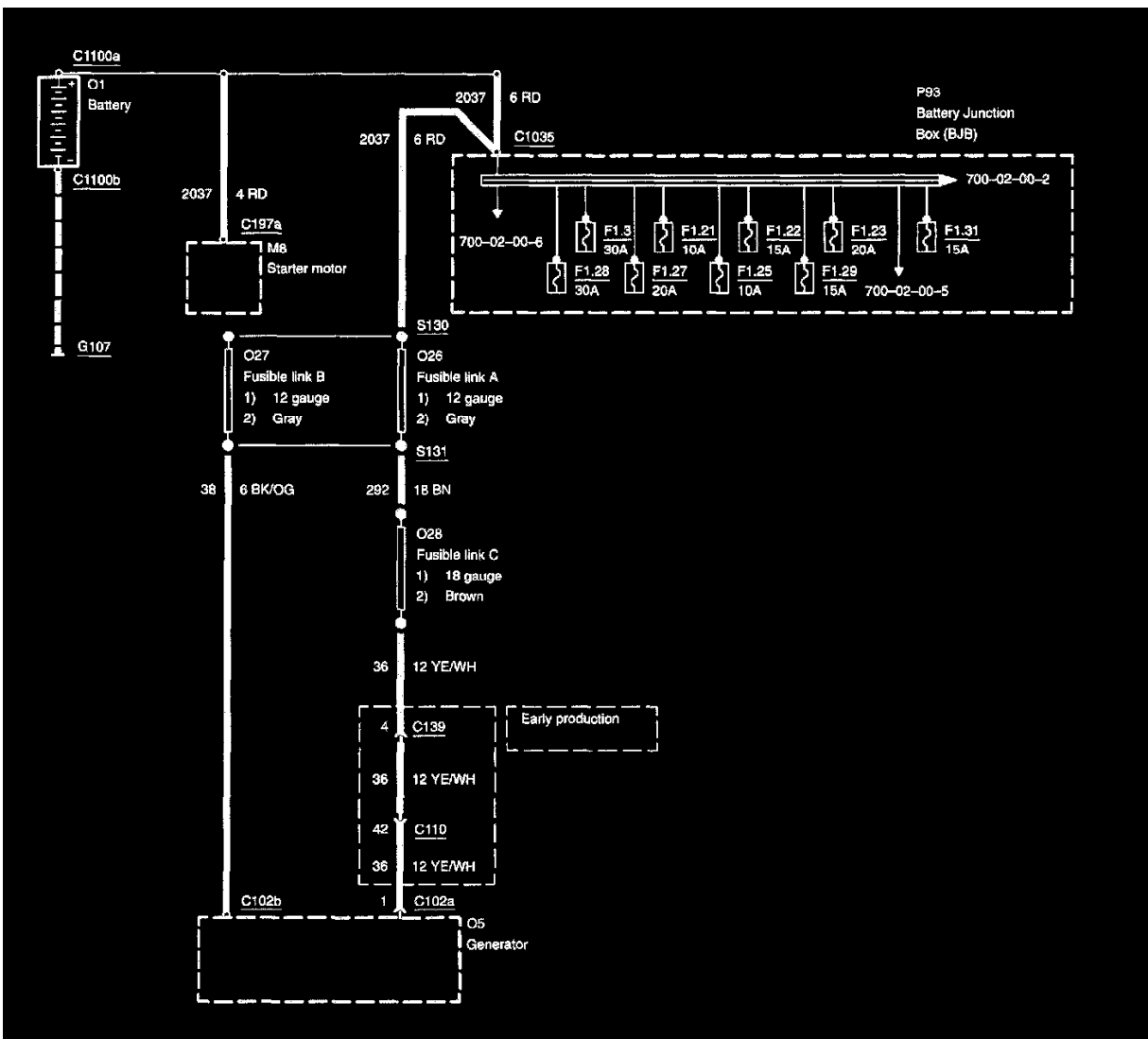


Diagram 700-02-00-1

F2.22

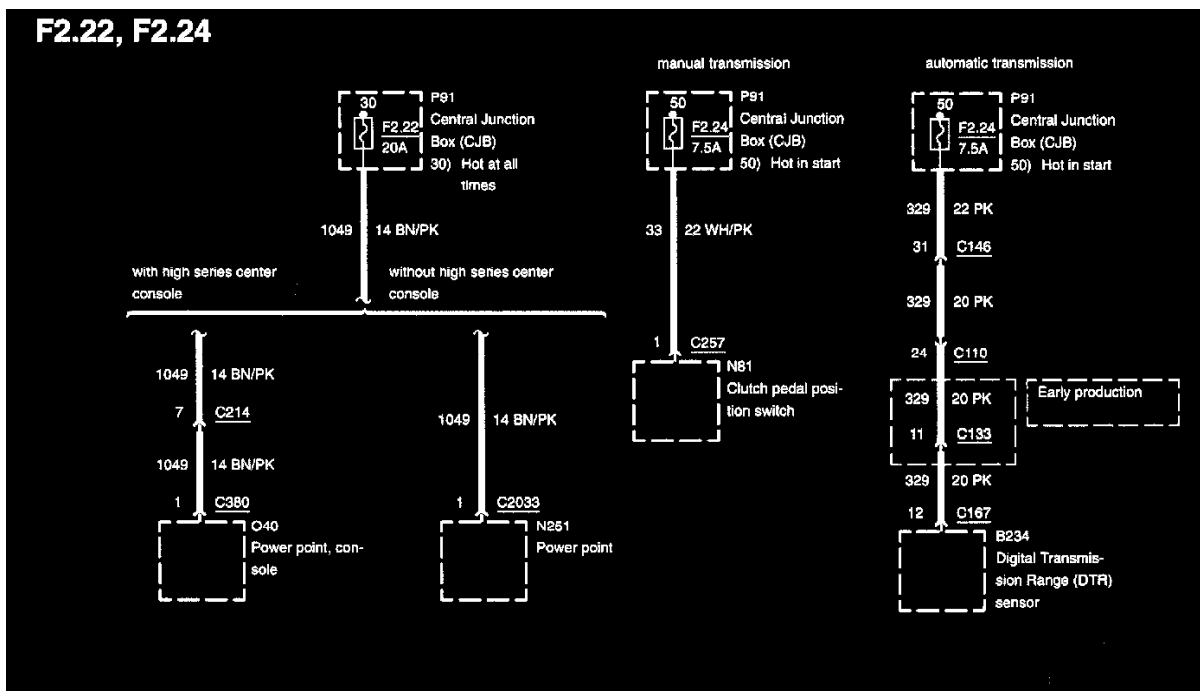


Diagram 700-03-00-24

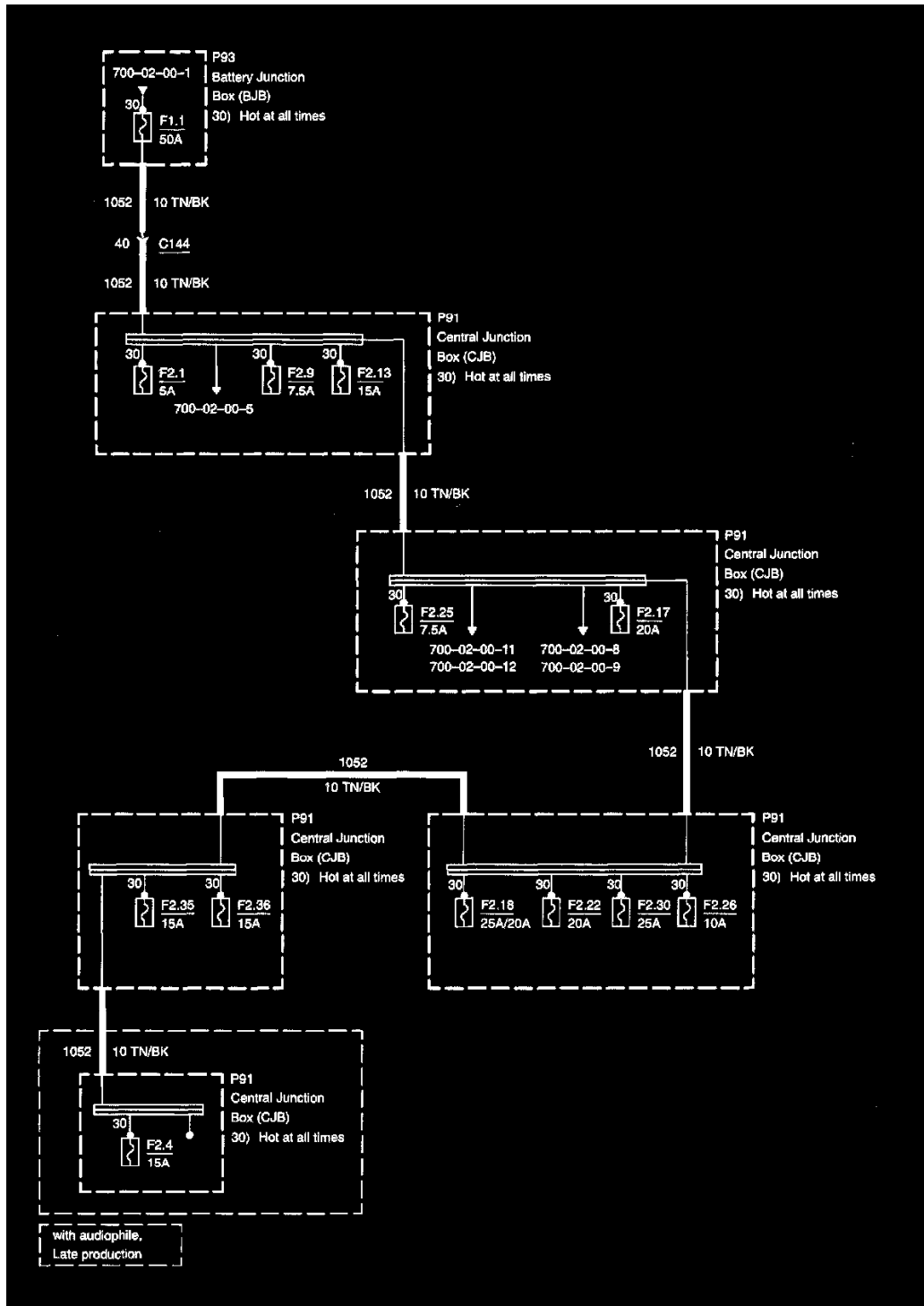


Diagram 700-02-00-6

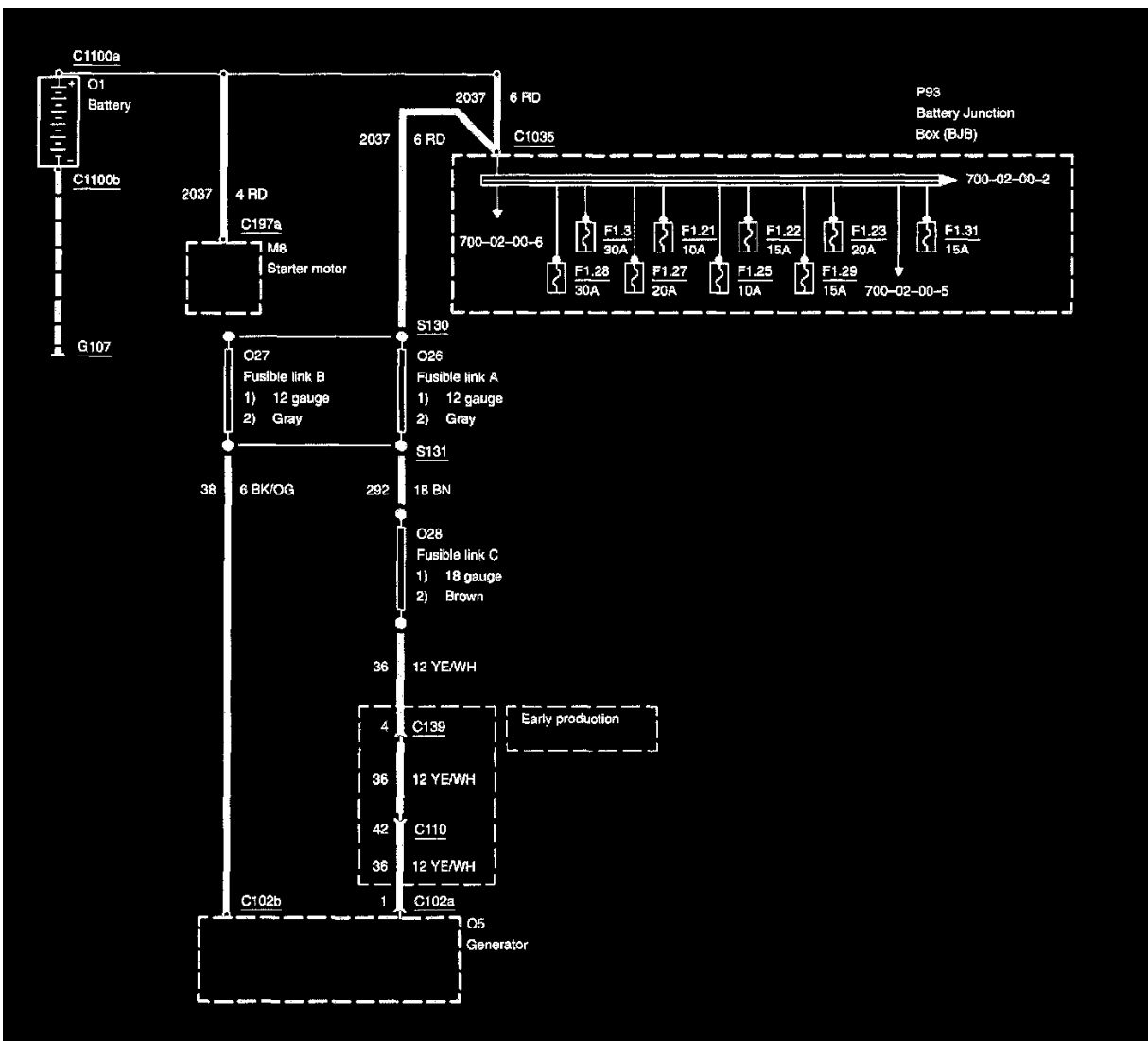


Diagram 700-02-00-1

F2.24

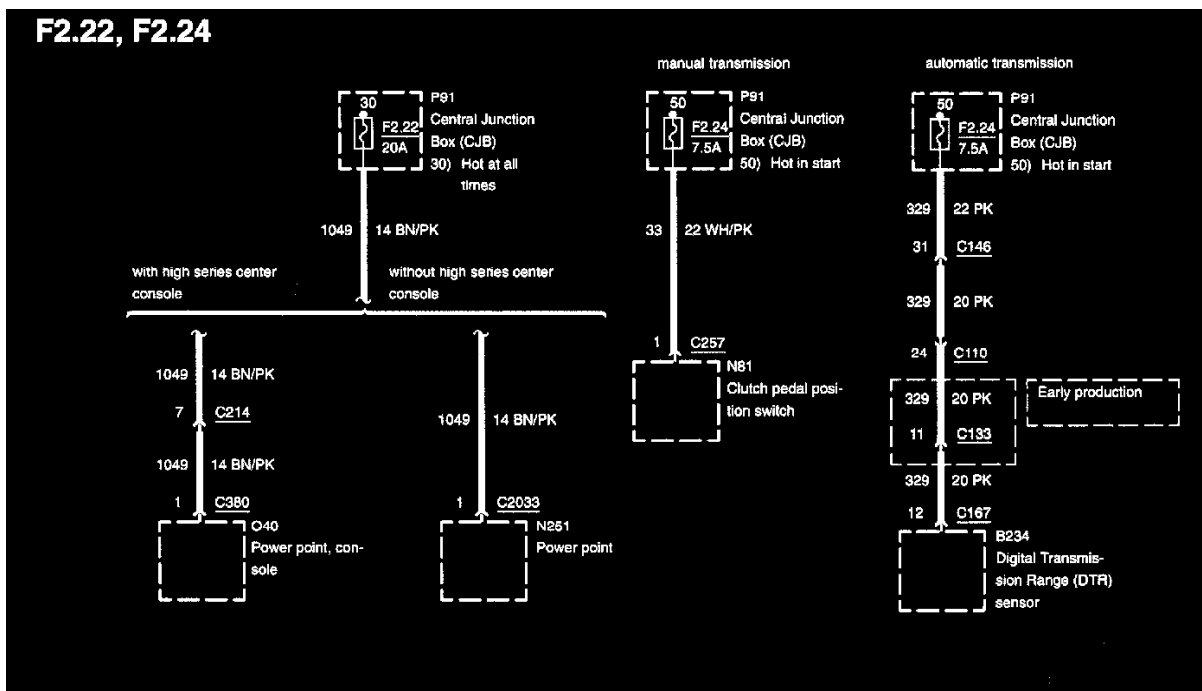


Diagram 700-03-00-24

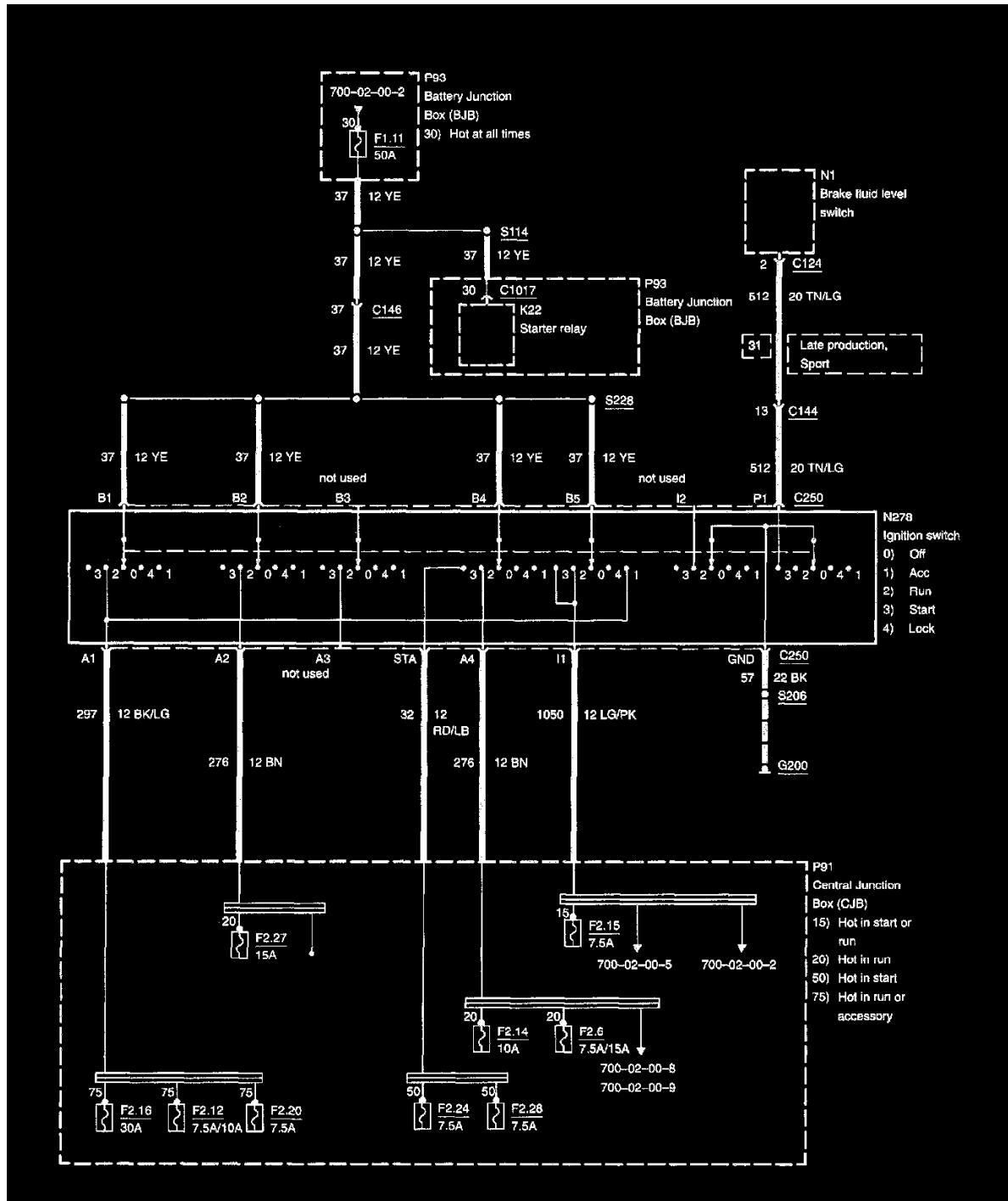


Diagram 700-02-00-7



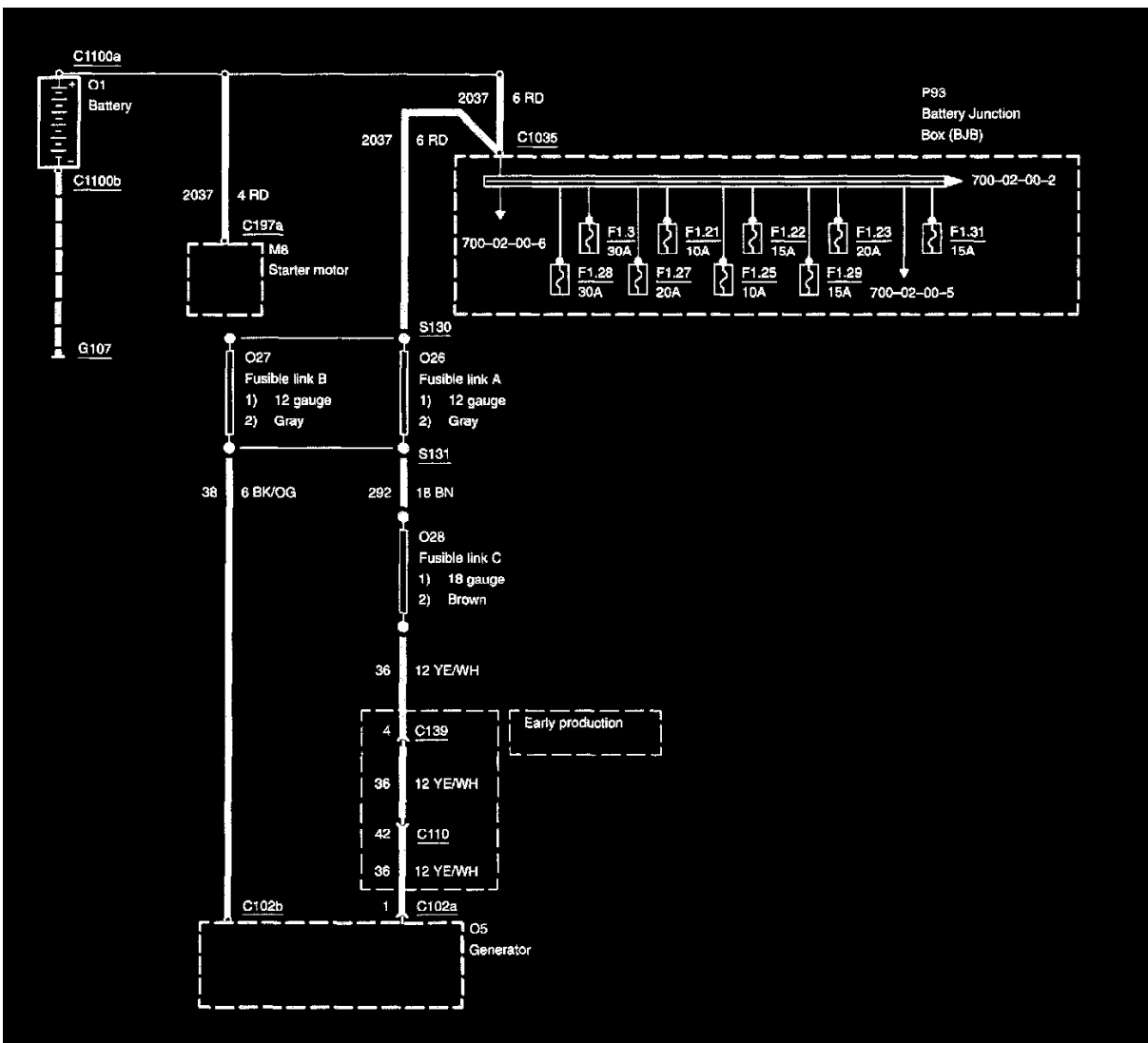


Diagram 700-02-00-1

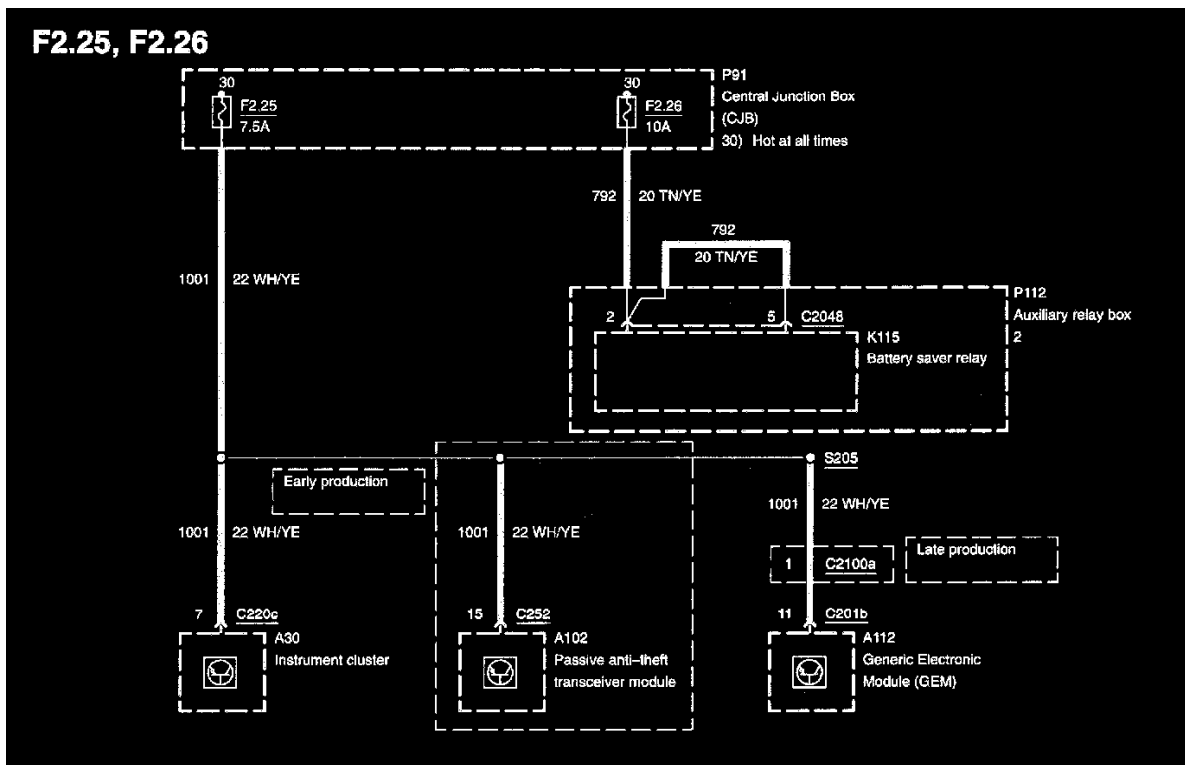


Diagram 700-03-00-25

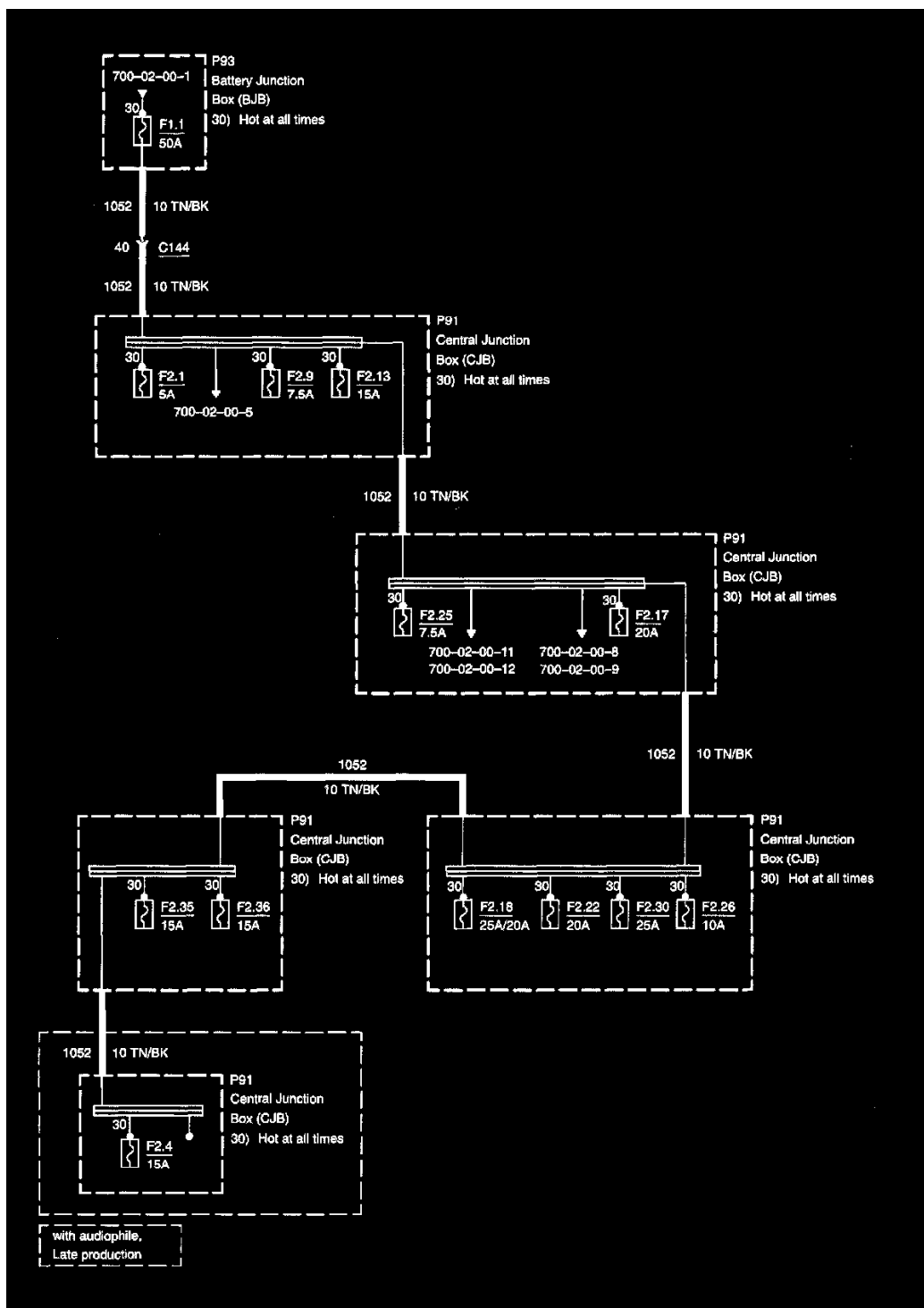


Diagram 700-02-00-6



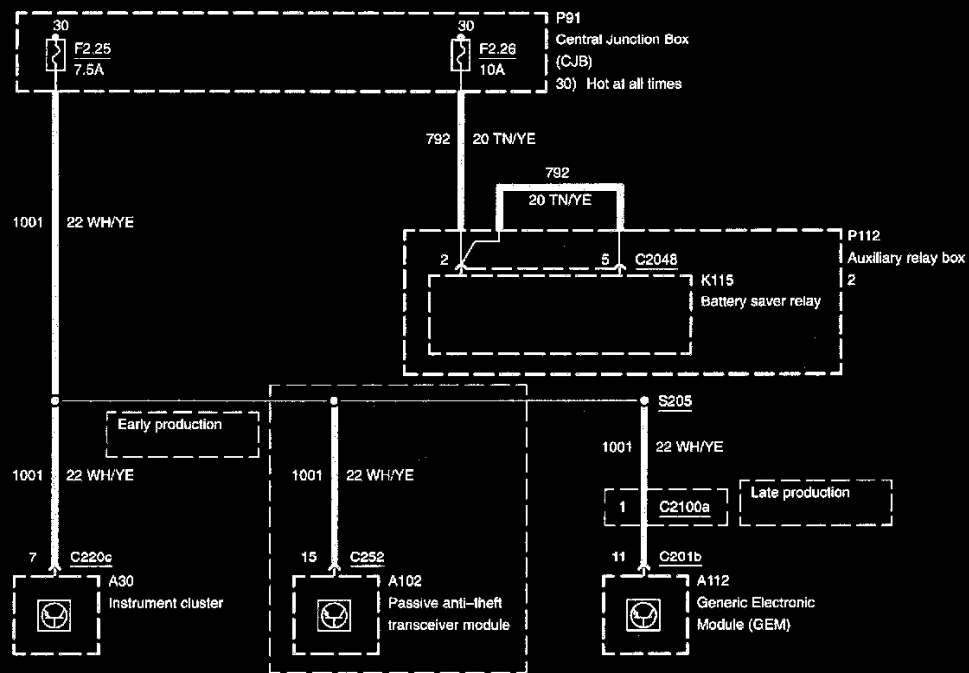
F2.25, F2.26

Diagram 700-03-00-25

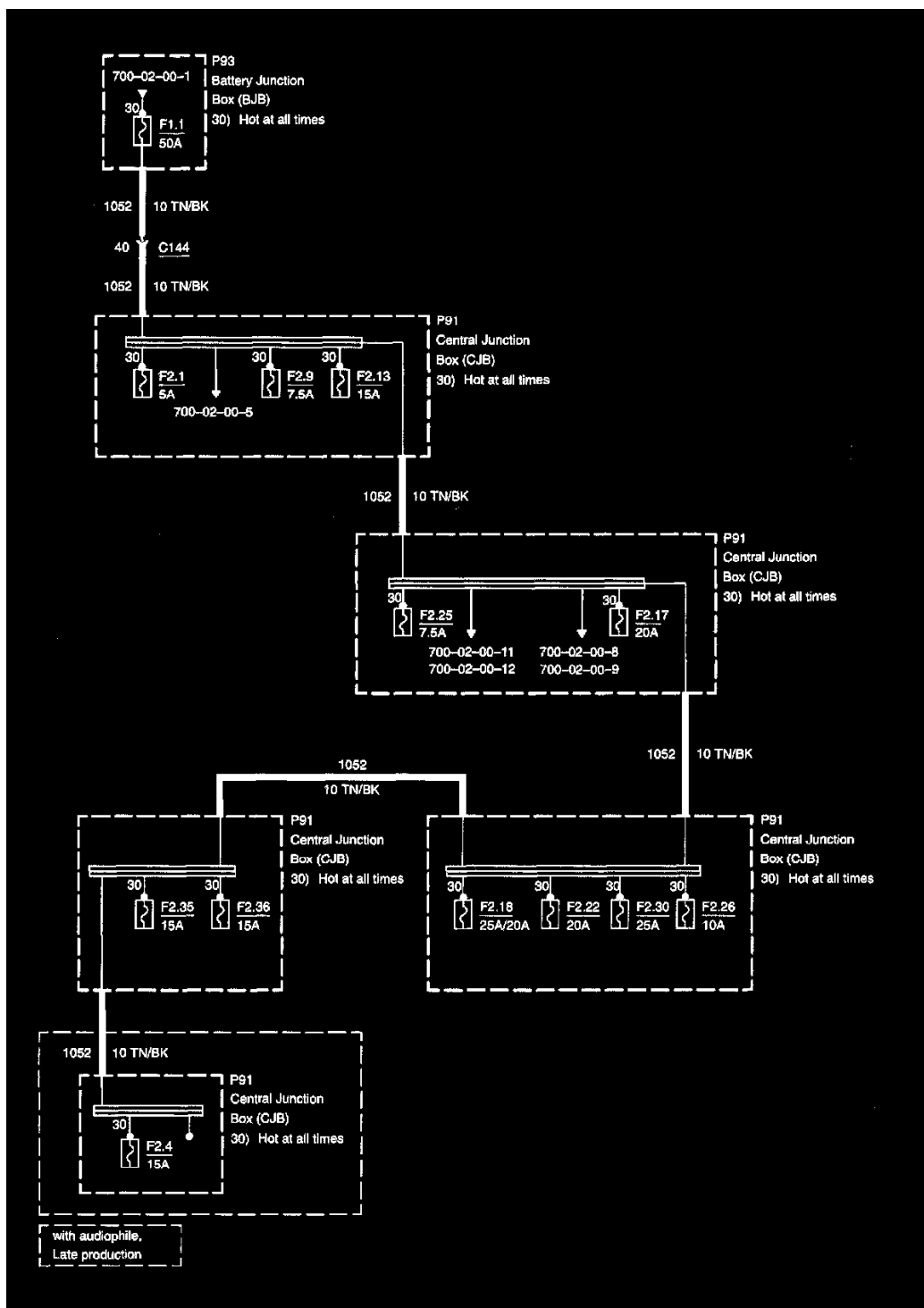


Diagram 700-02-00-6

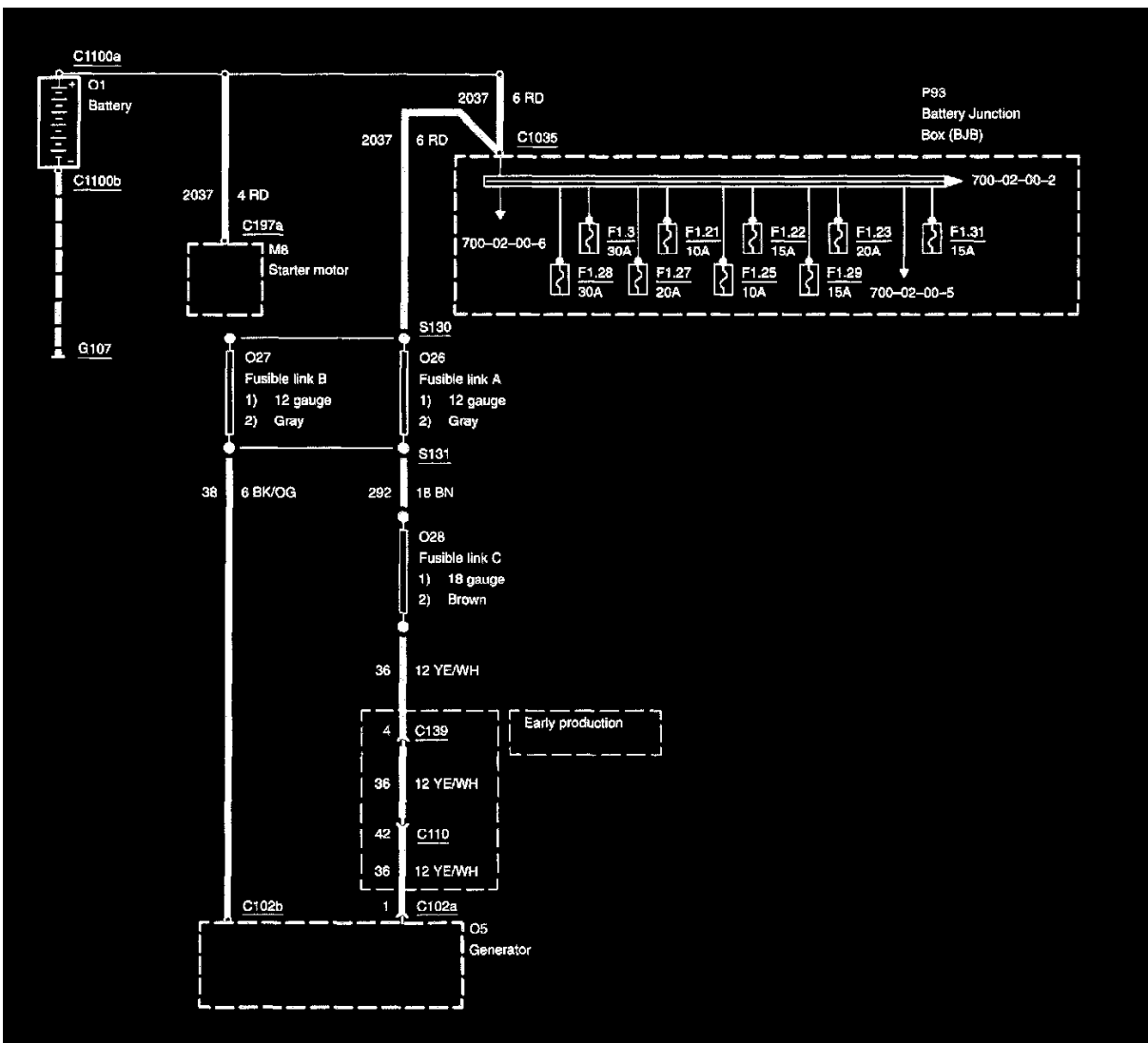


Diagram 700-02-00-1

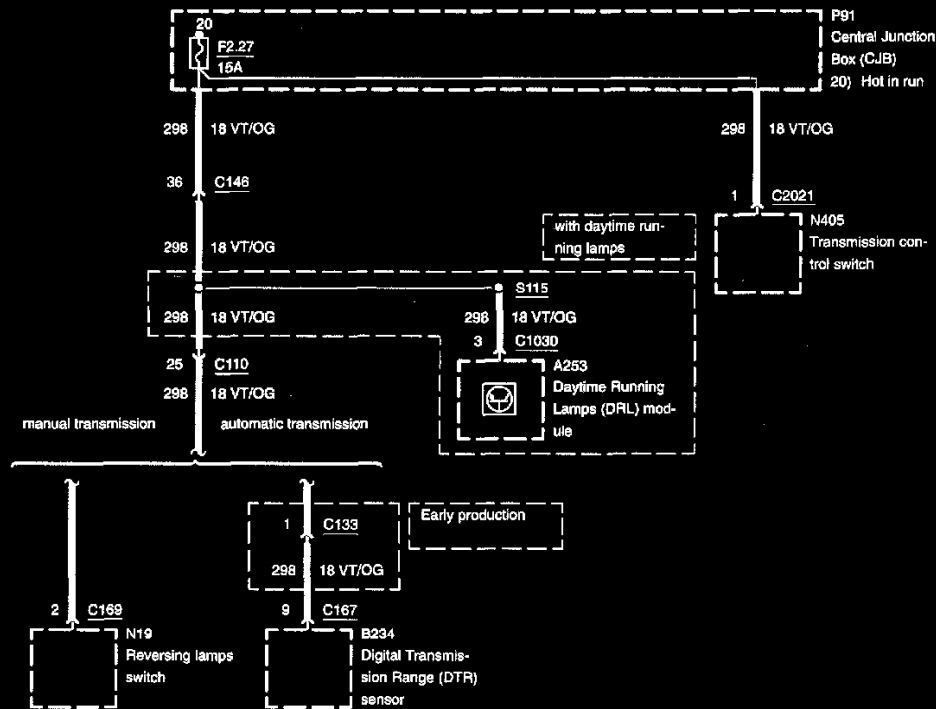


Diagram 700-03-00-27



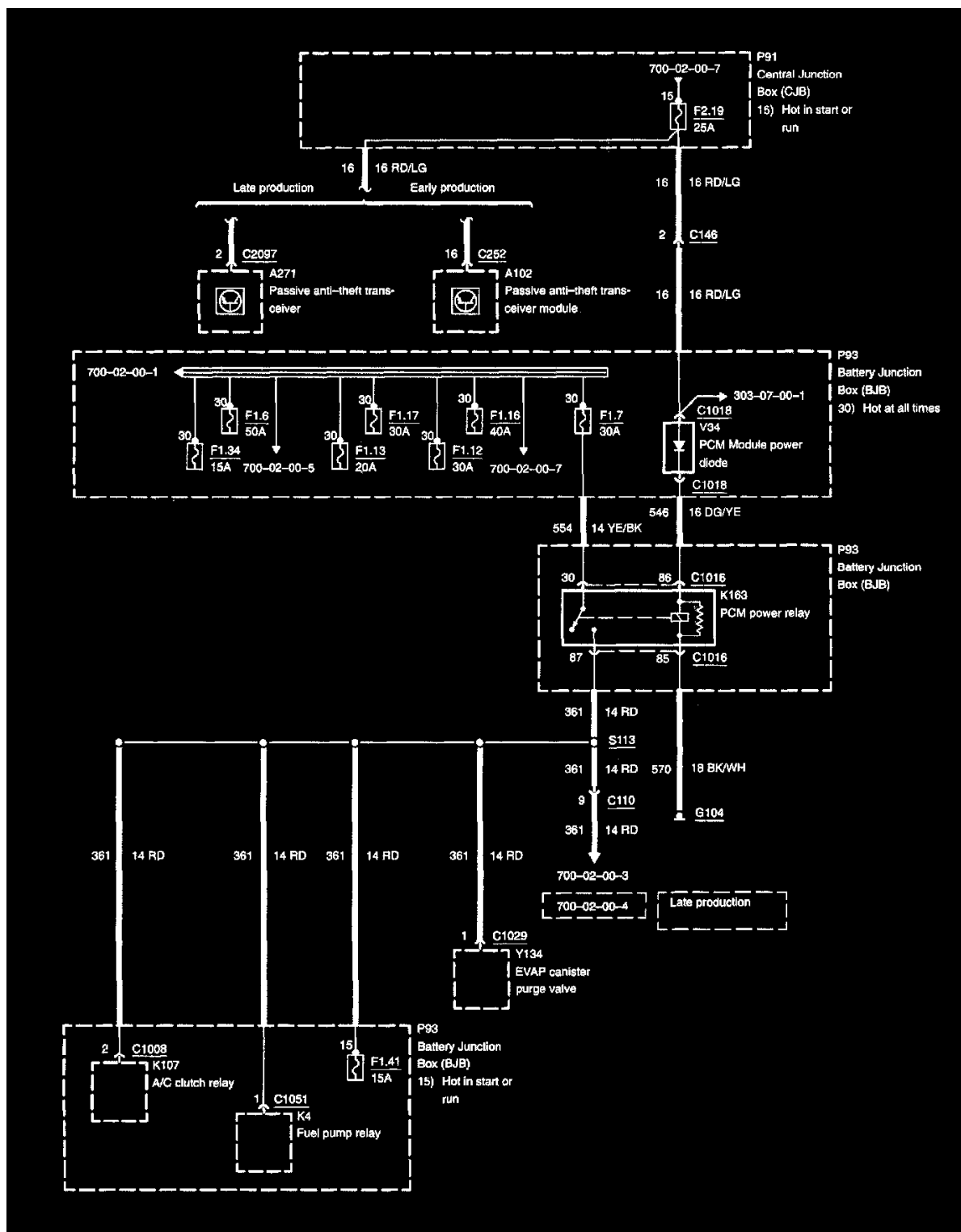


Diagram 700-02-00-2

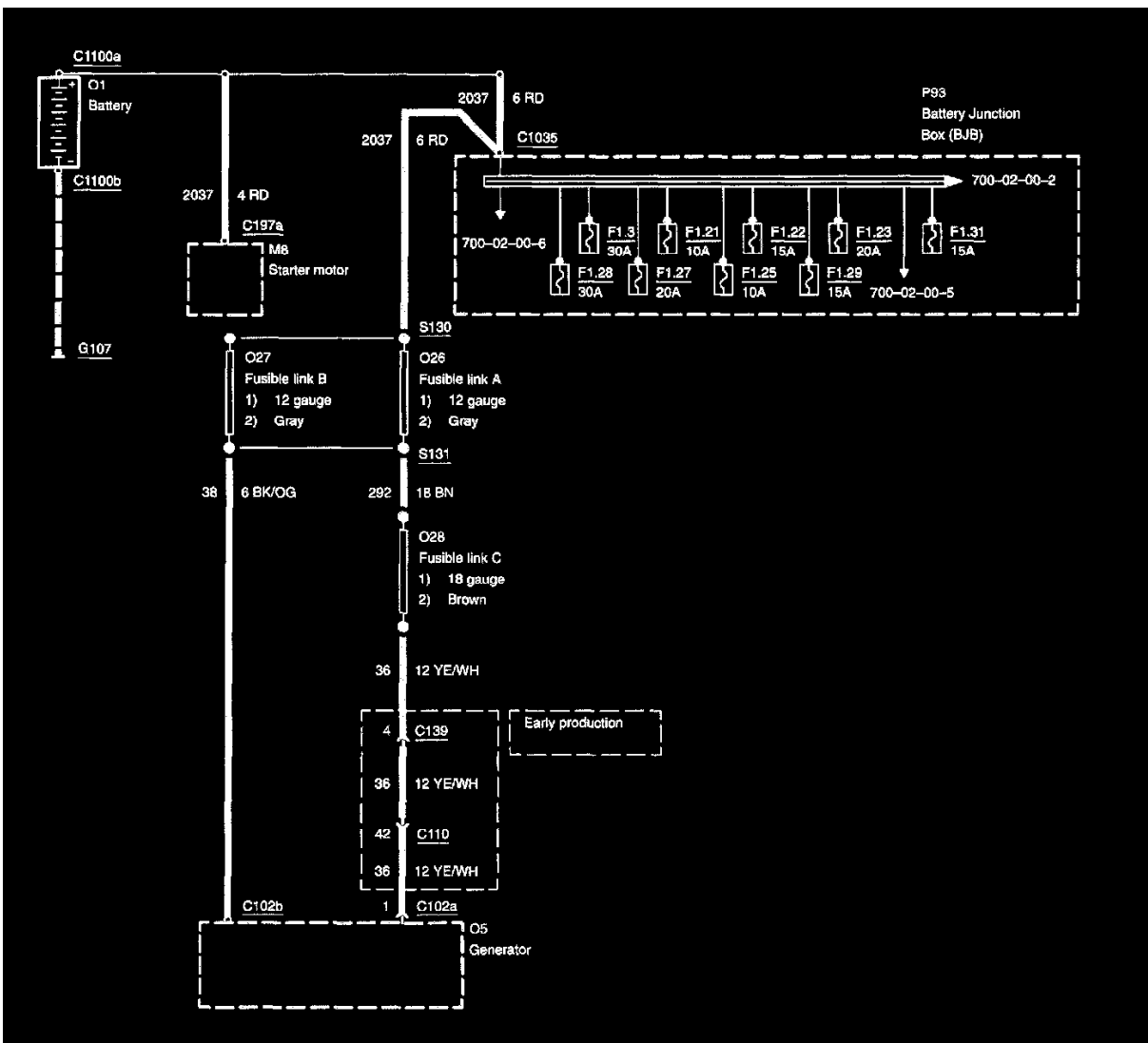


Diagram 700-02-00-1

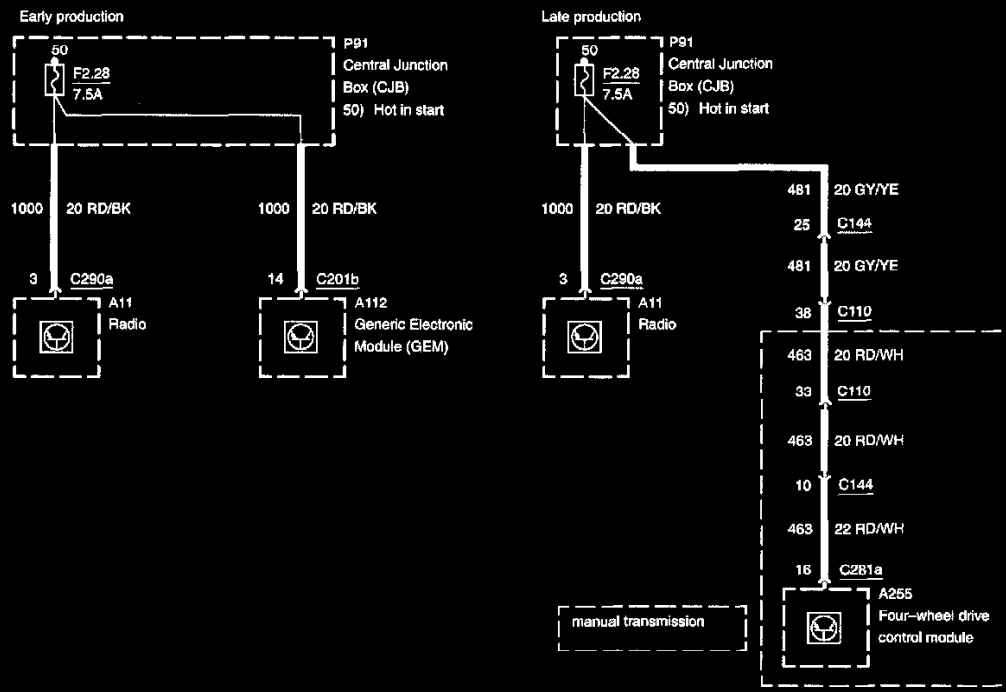
F2.28

Diagram 700-03-00-28

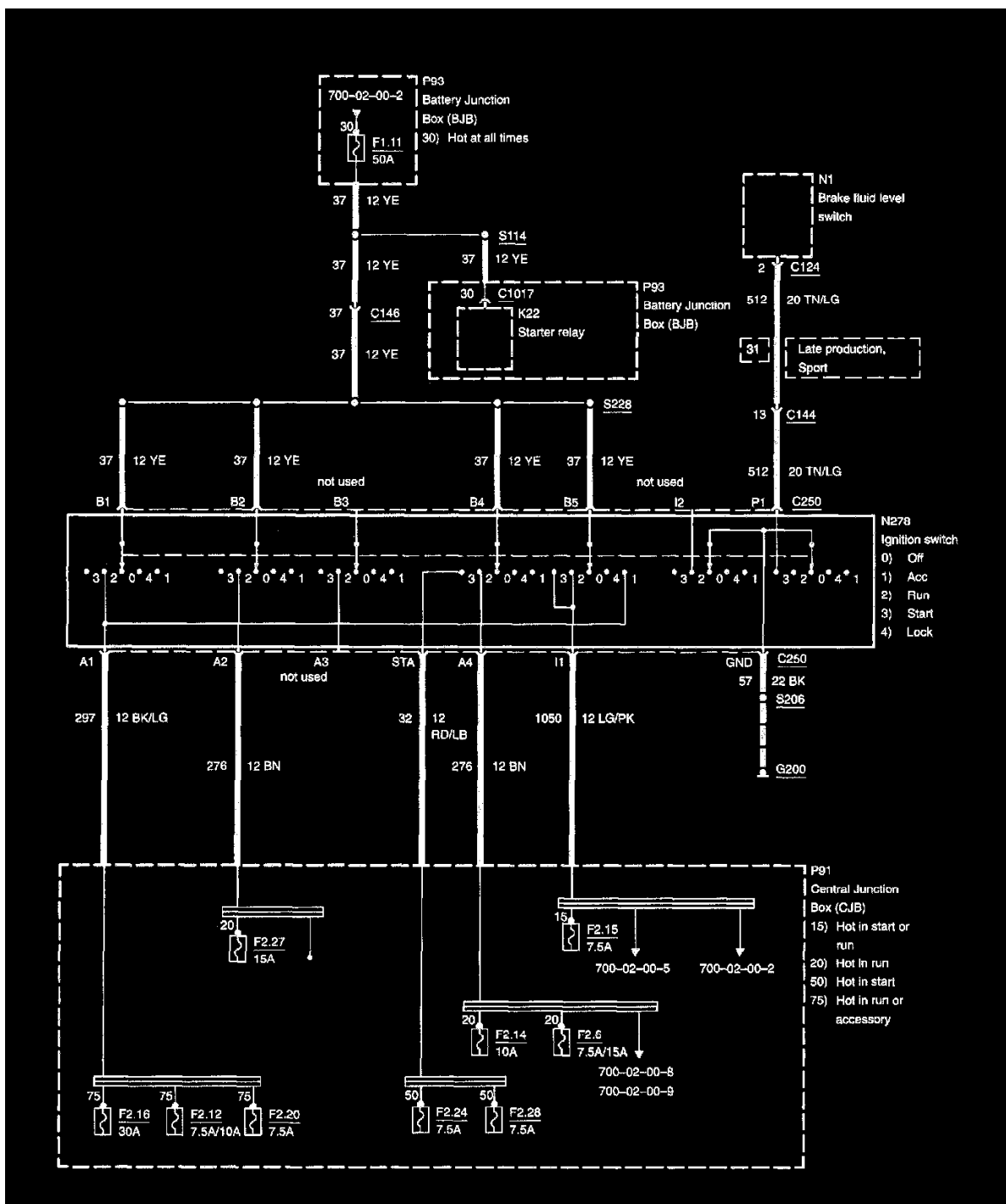


Diagram 700-02-00-7

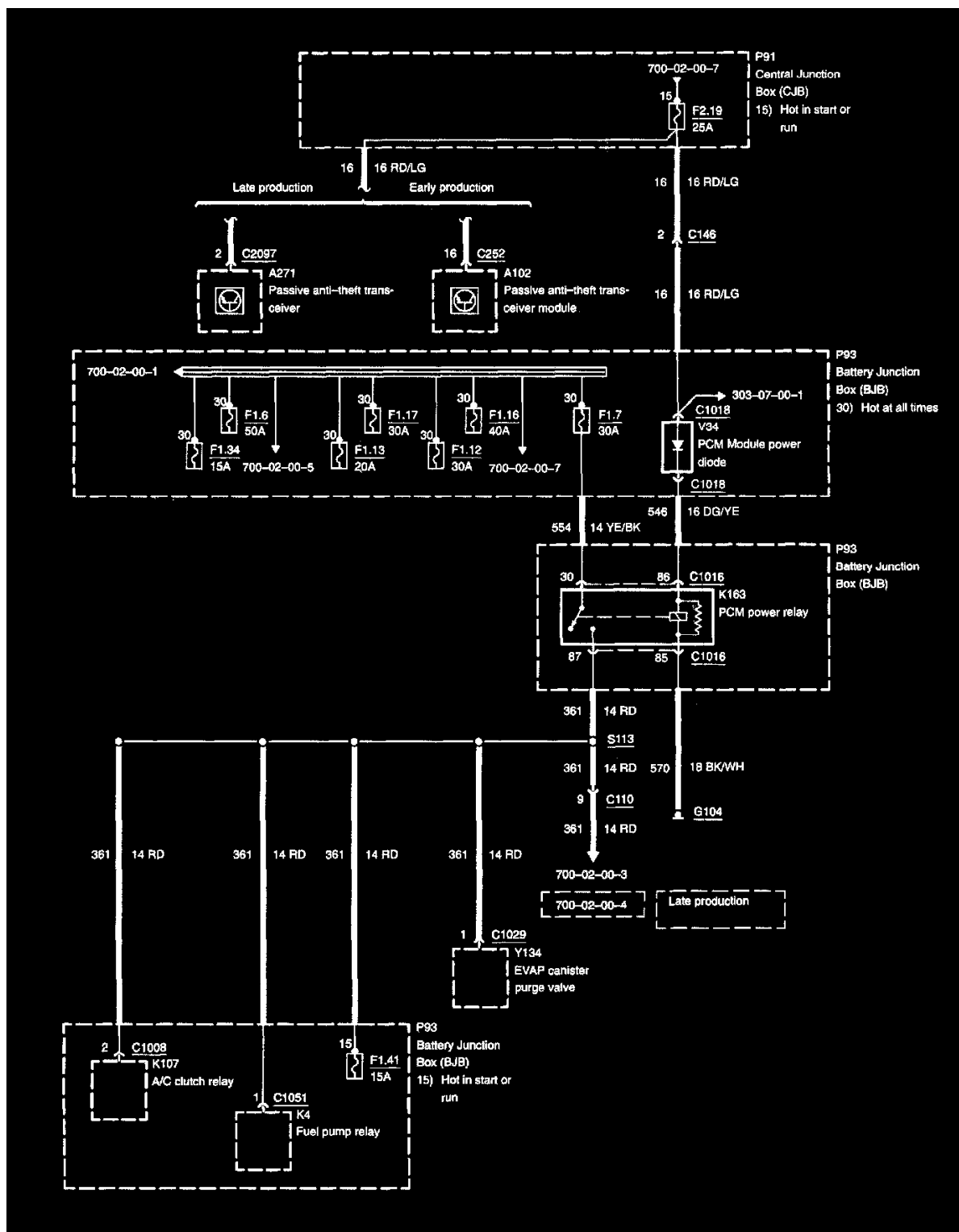


Diagram 700-02-00-2

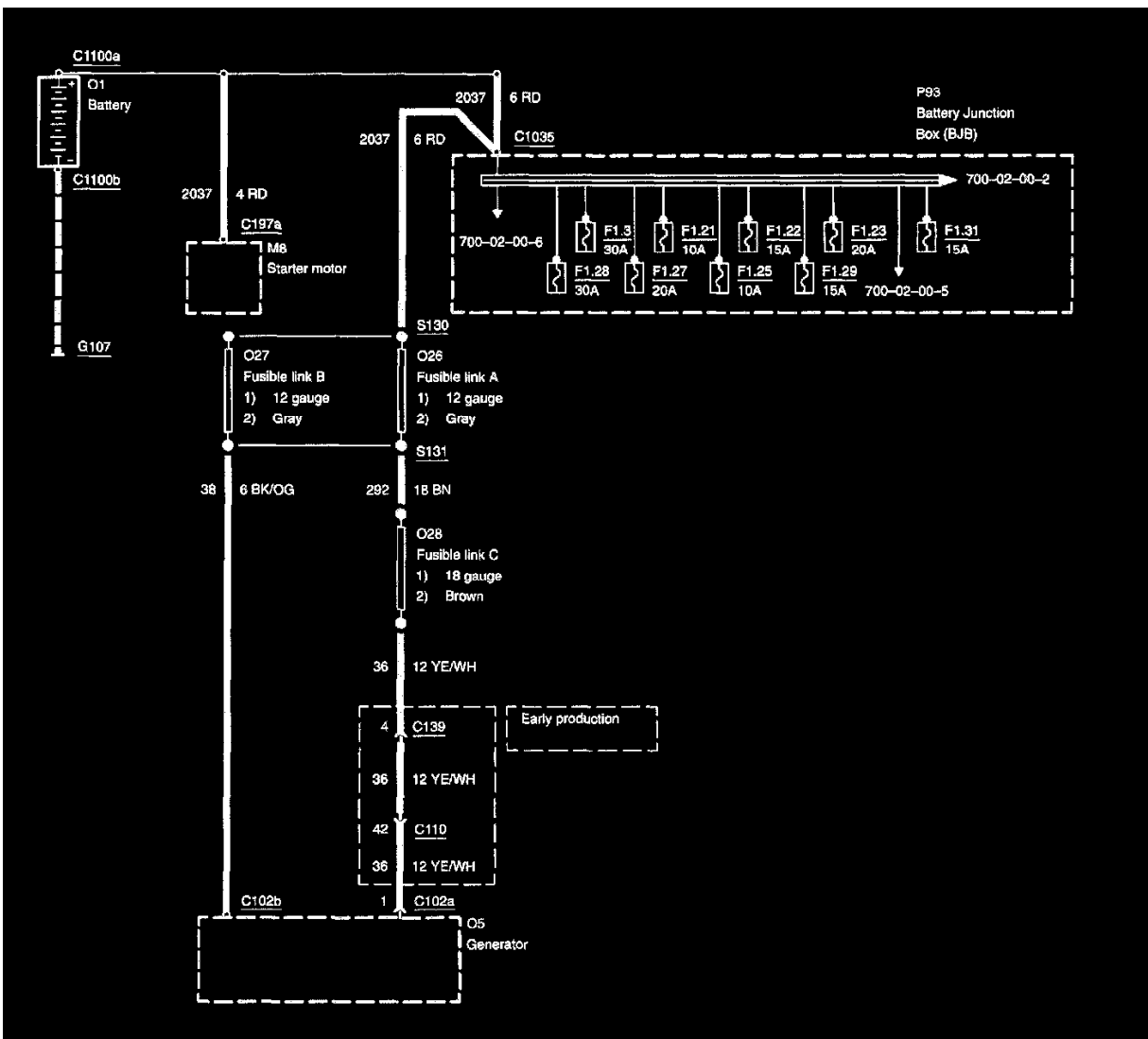


Diagram 700-02-00-1

F2.30

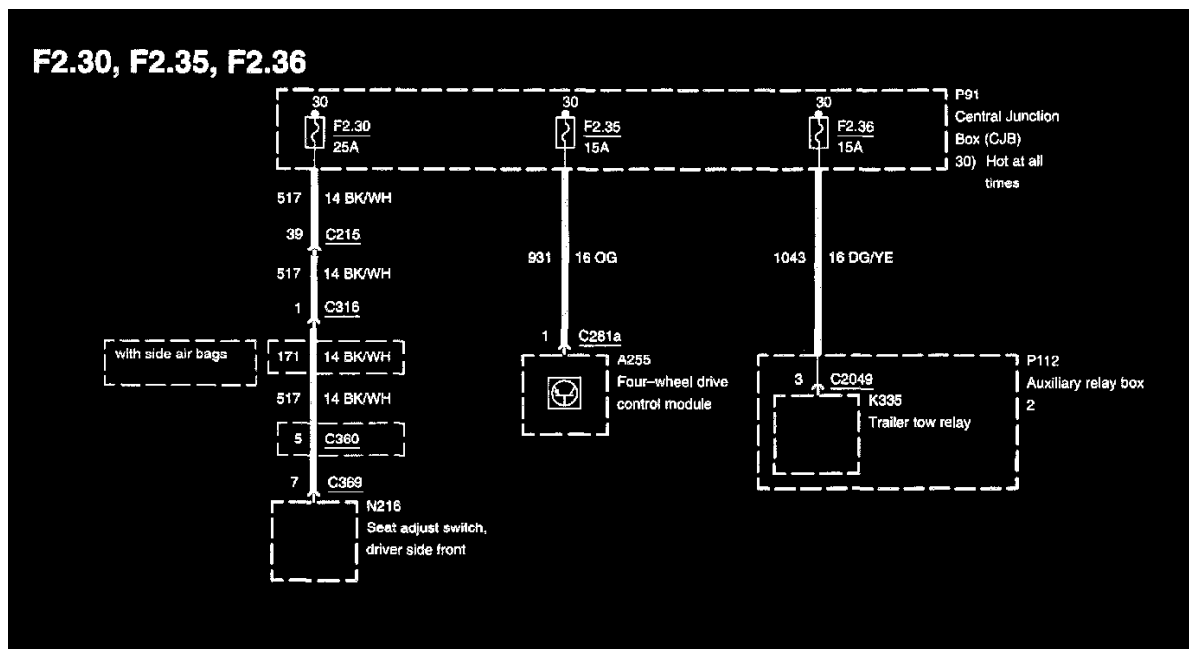


Diagram 700-03-00-29

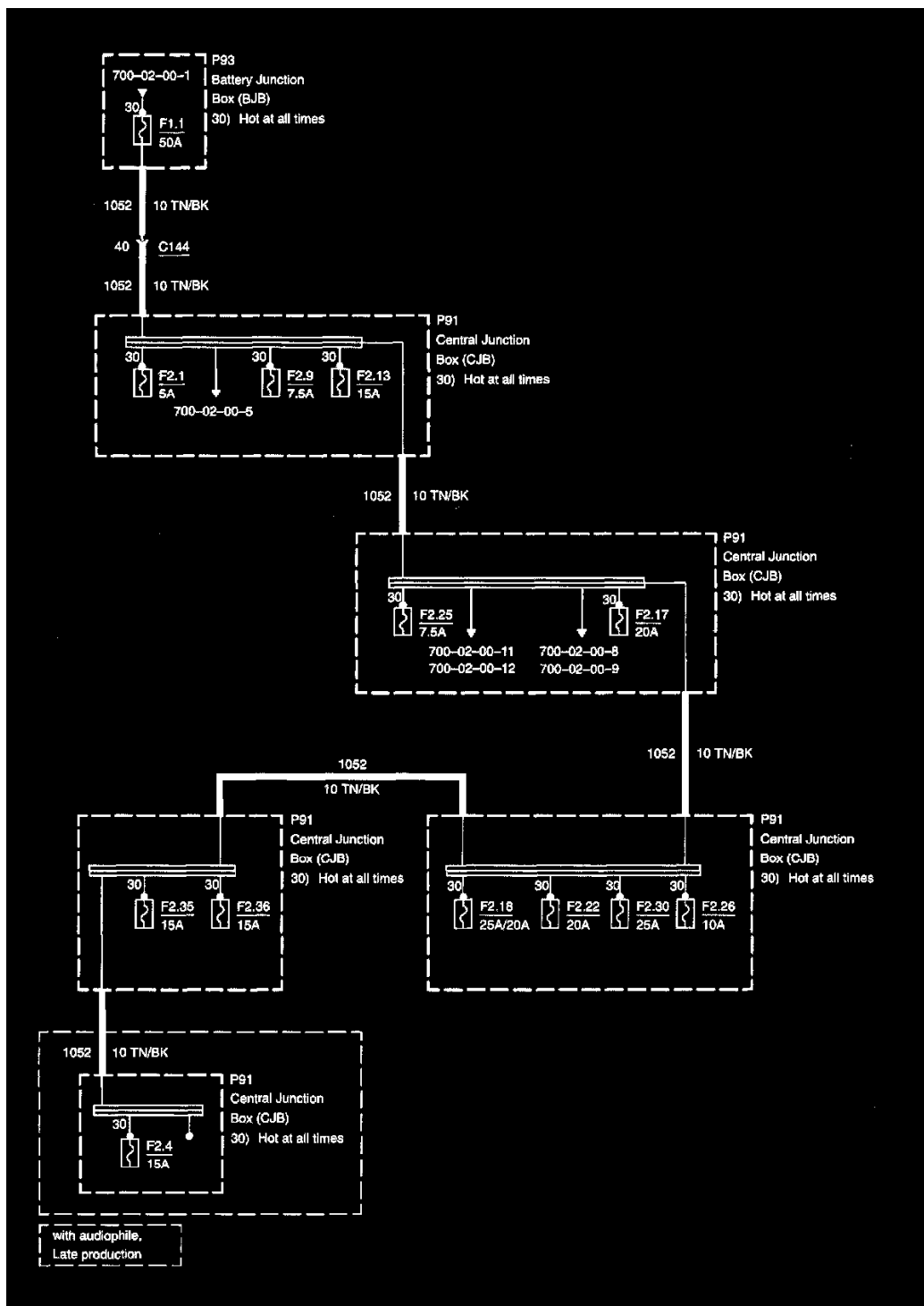


Diagram 700-02-00-6

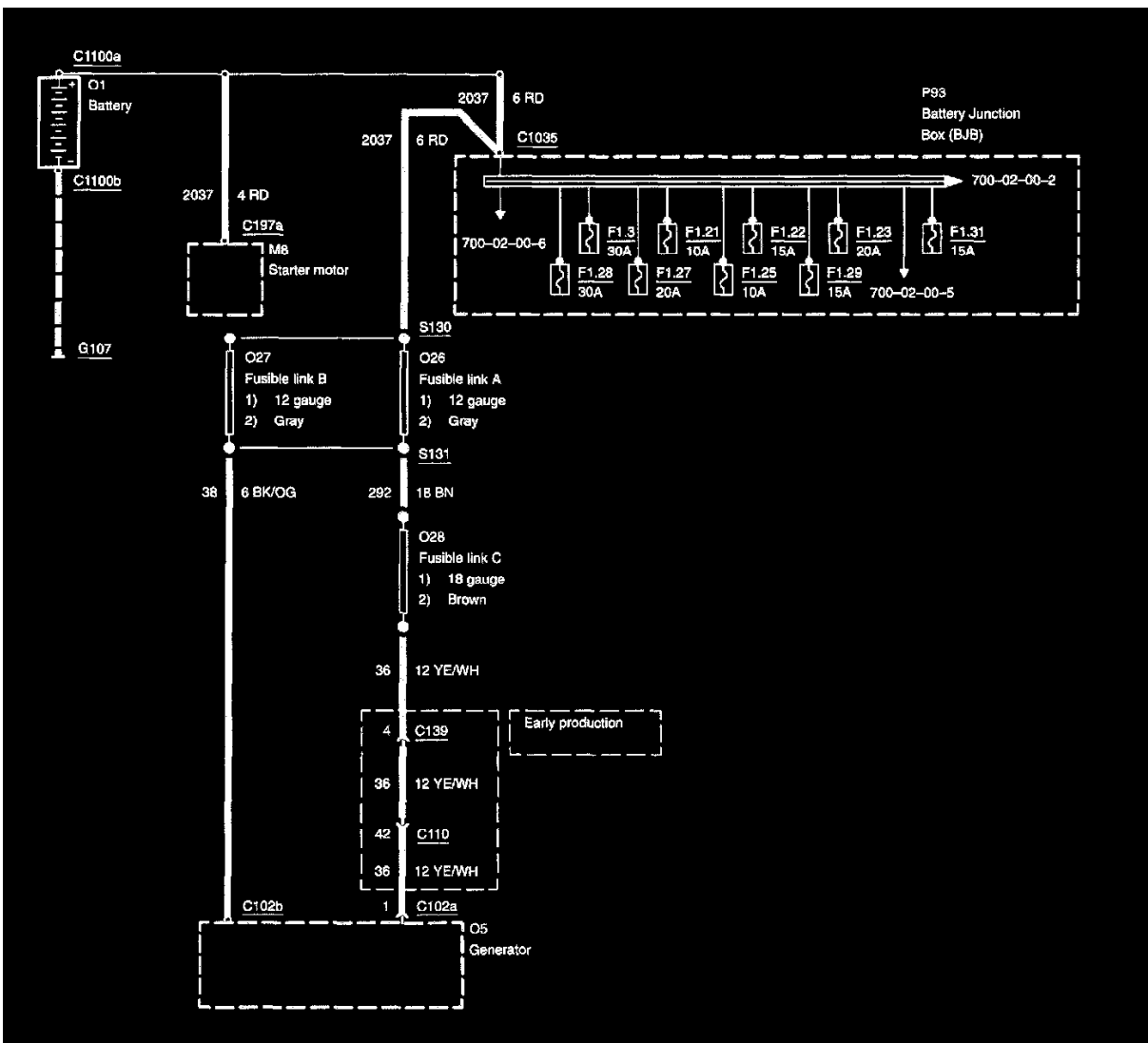


Diagram 700-02-00-1

F2.31

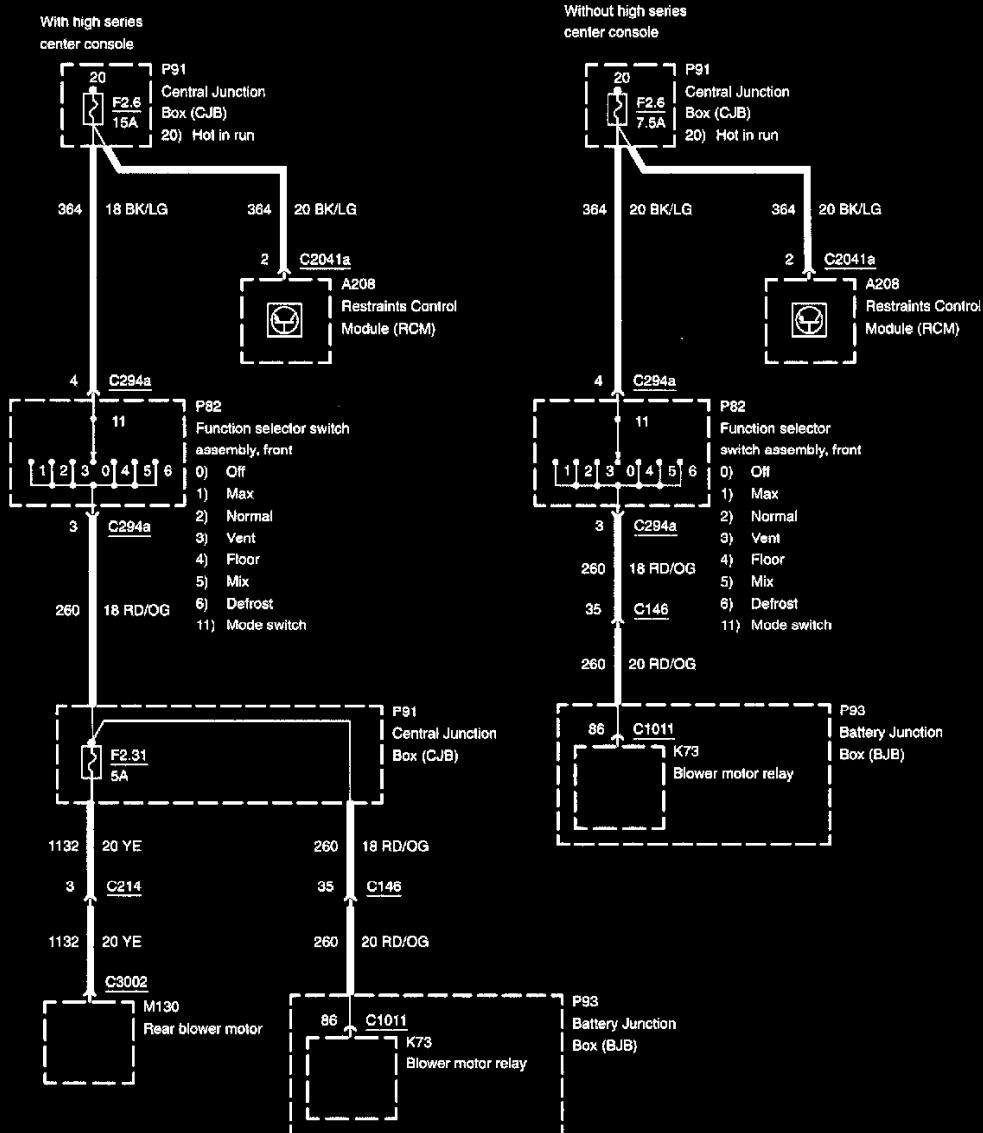
F2.6, F2.31

Diagram 700-03-00-12





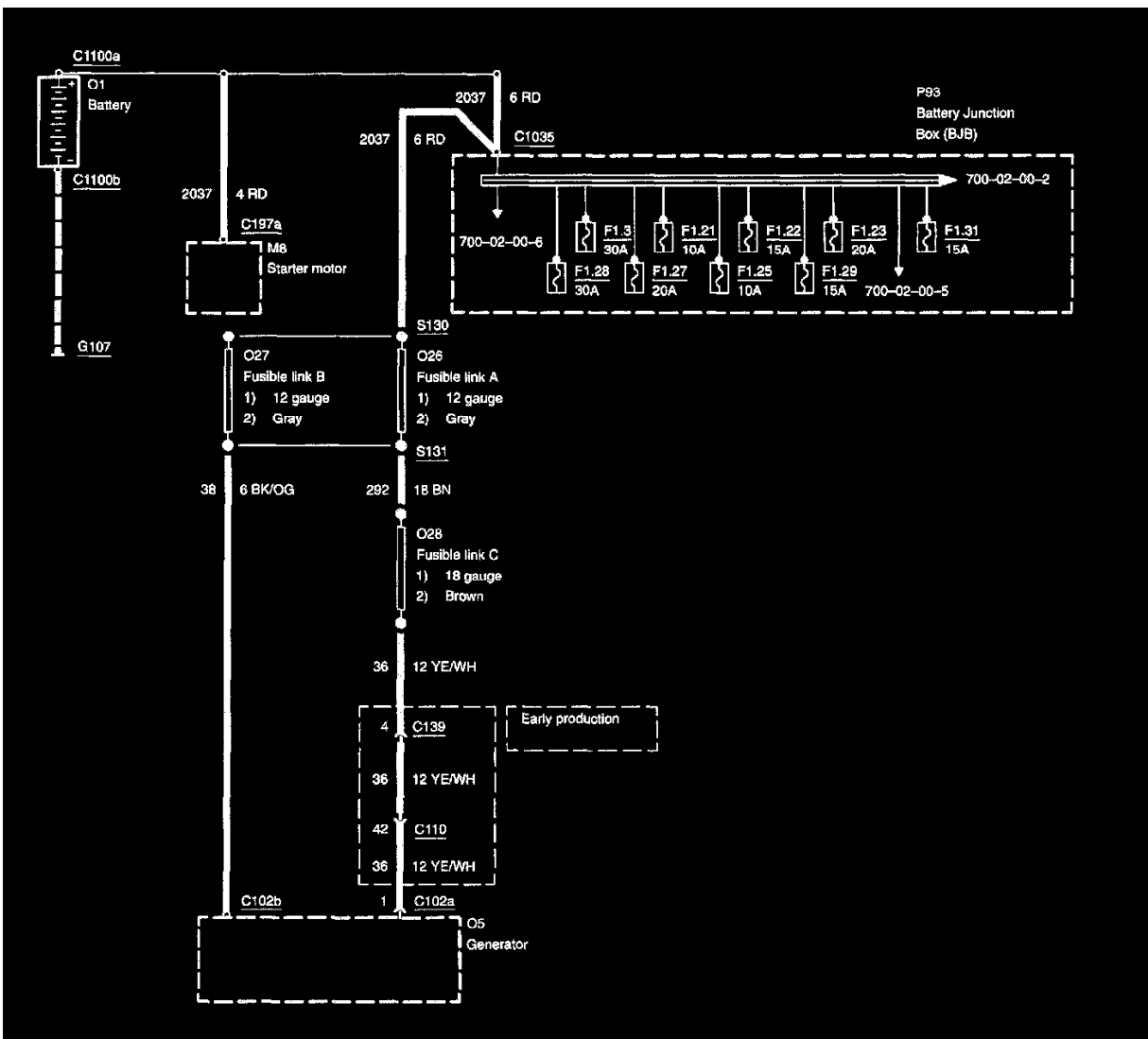


Diagram 700-02-00-1

F2.35

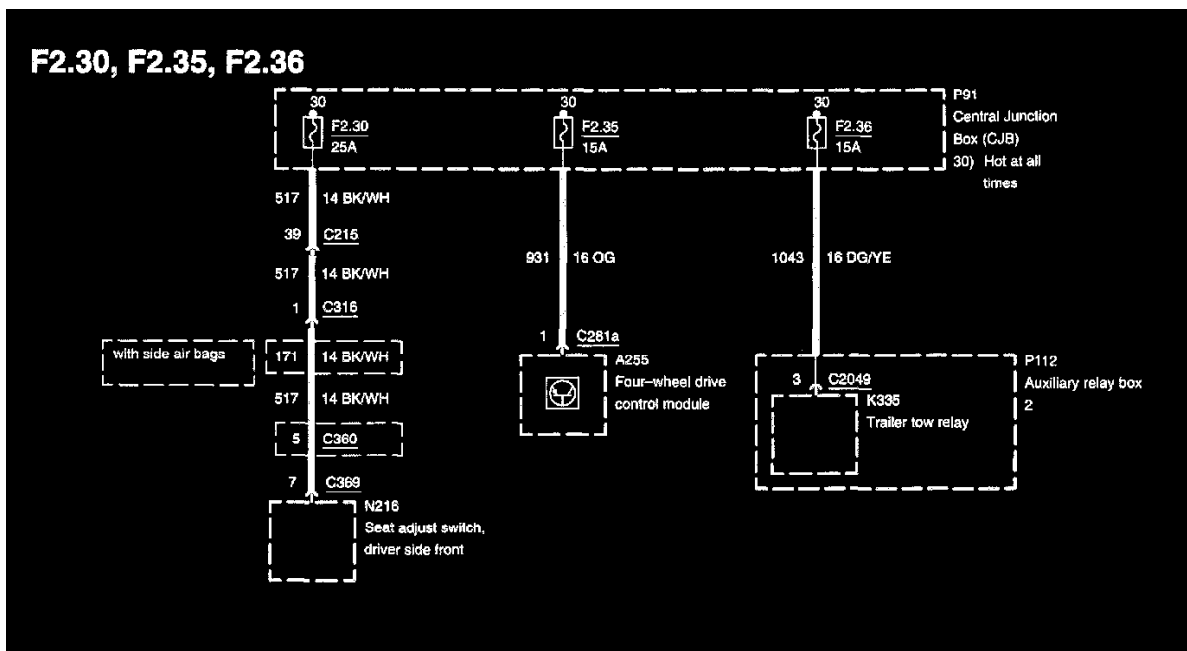


Diagram 700-03-00-29

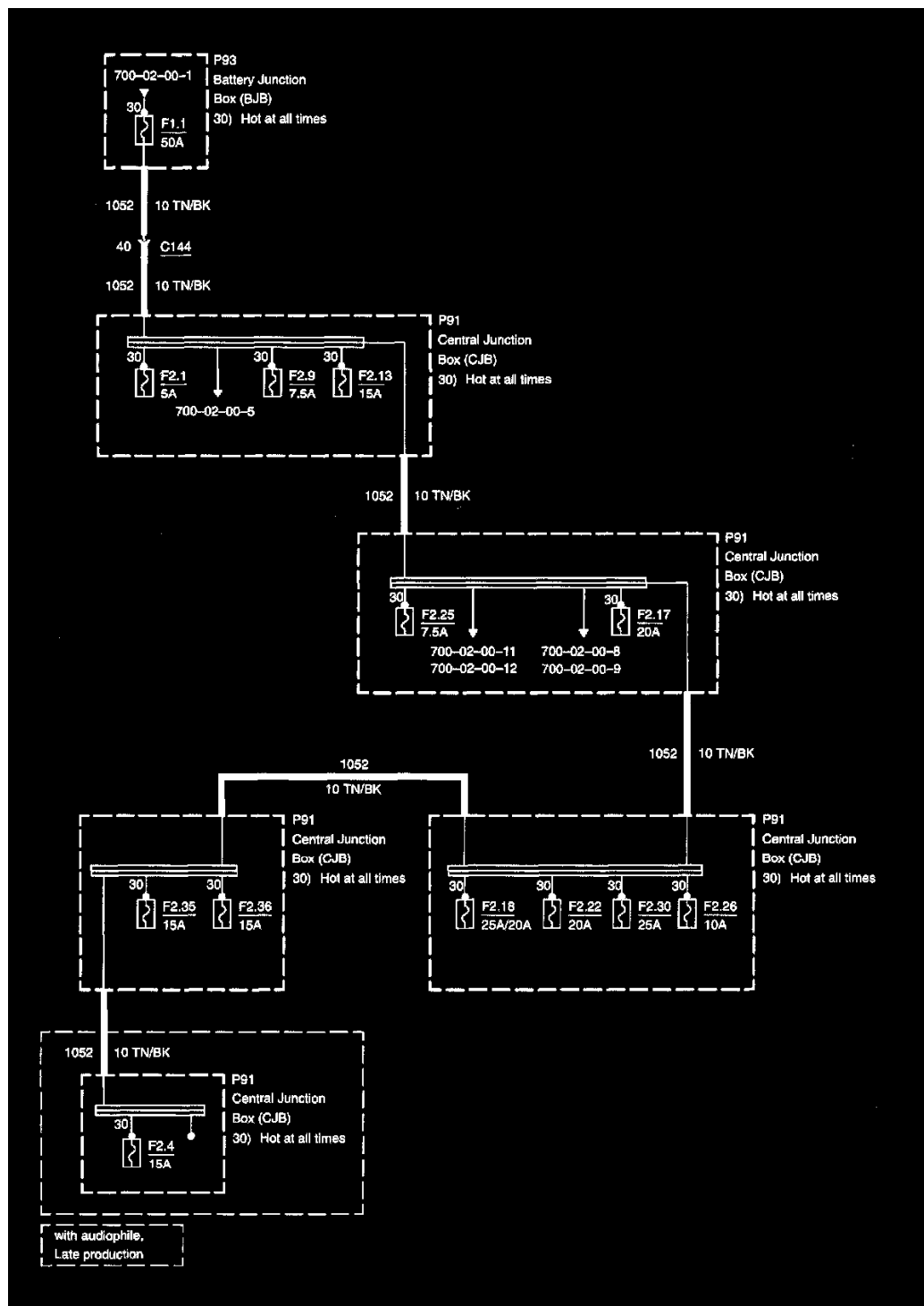


Diagram 700-02-00-6

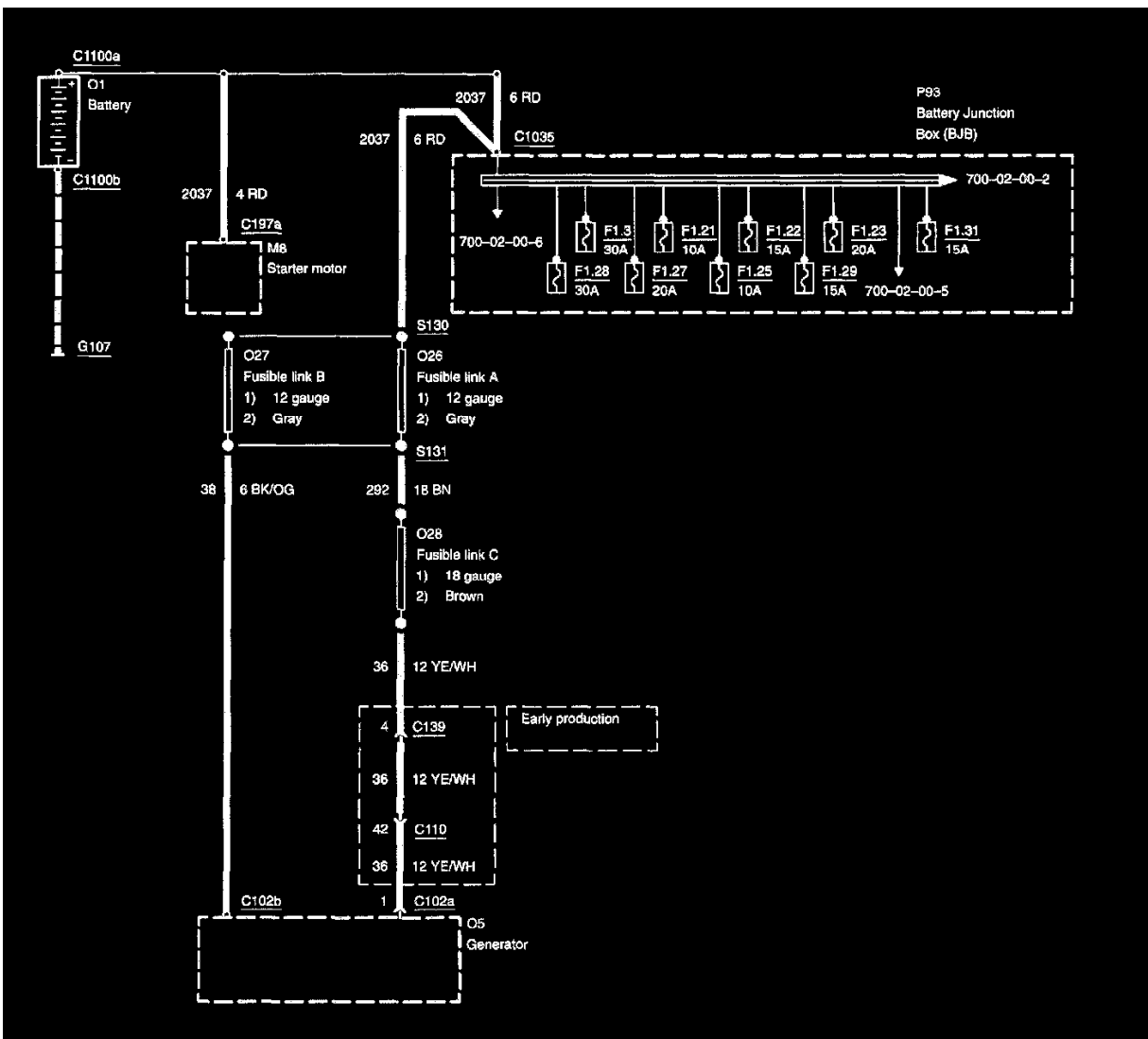


Diagram 700-02-00-1

F2.36

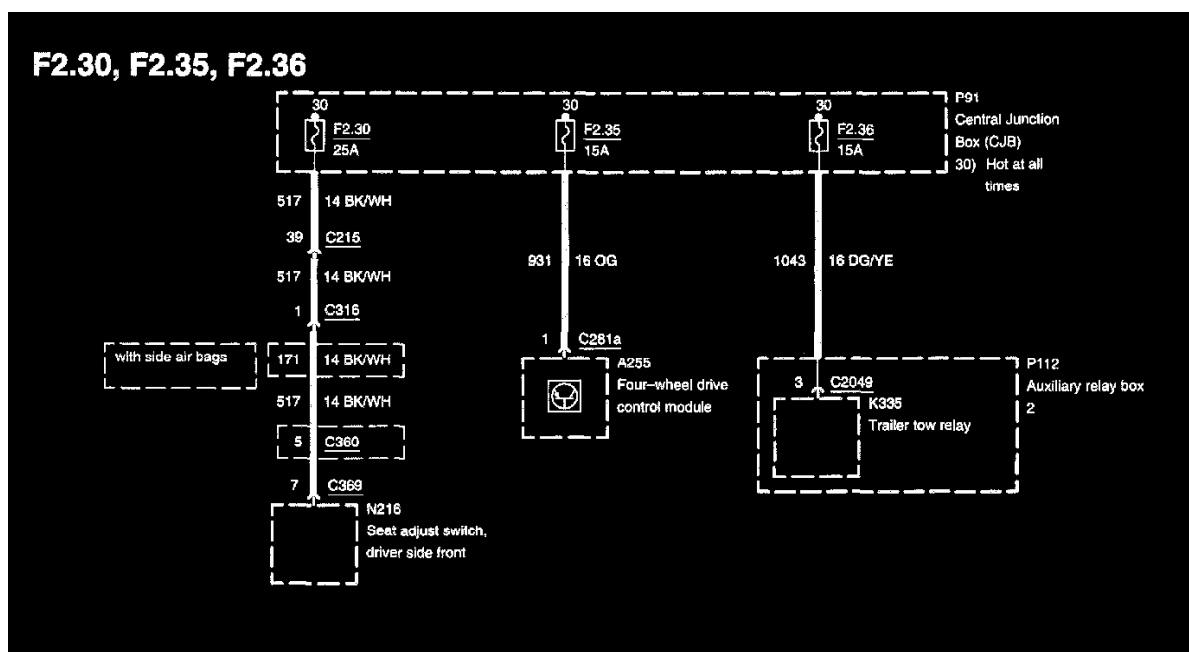


Diagram 700-03-00-29

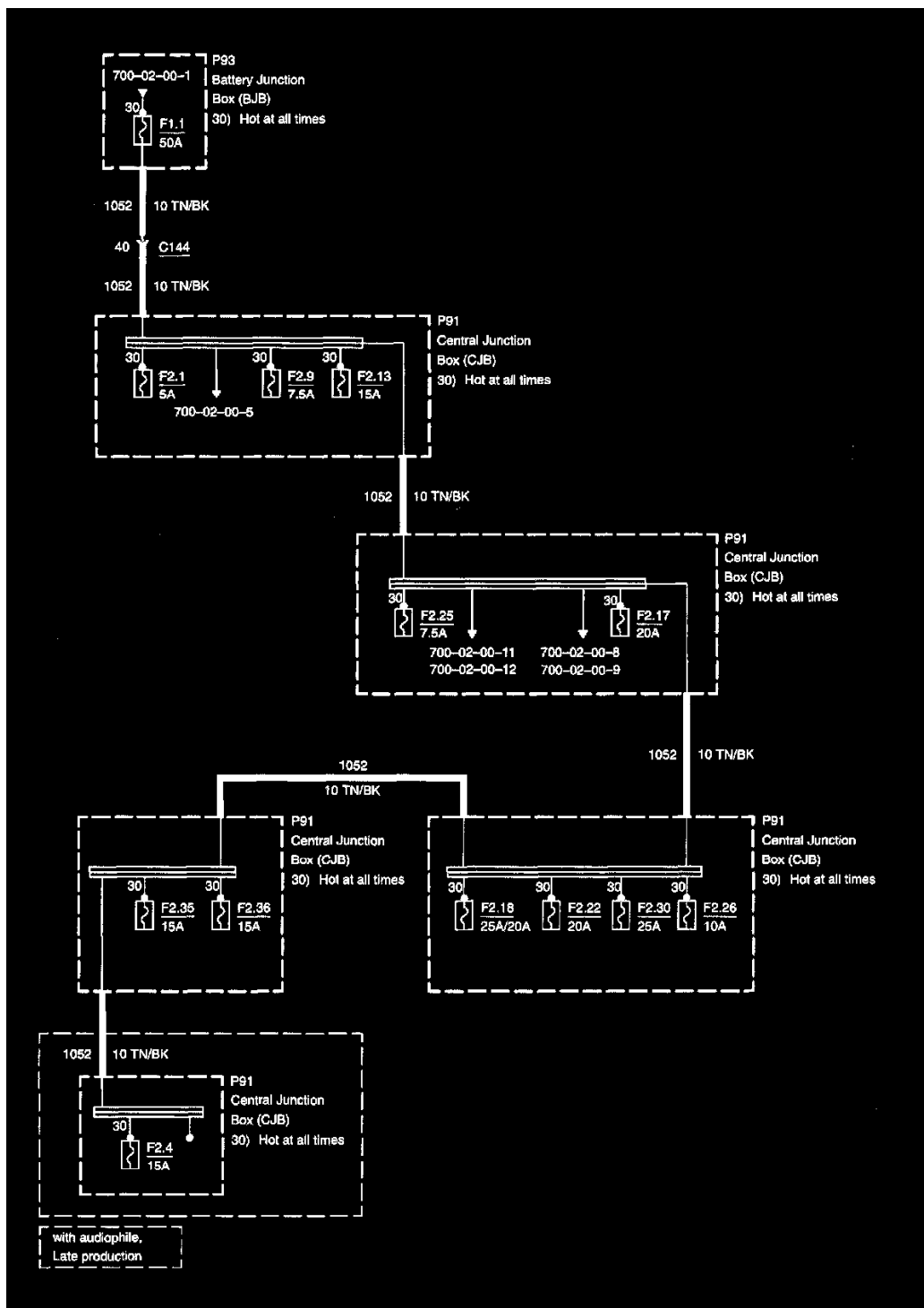
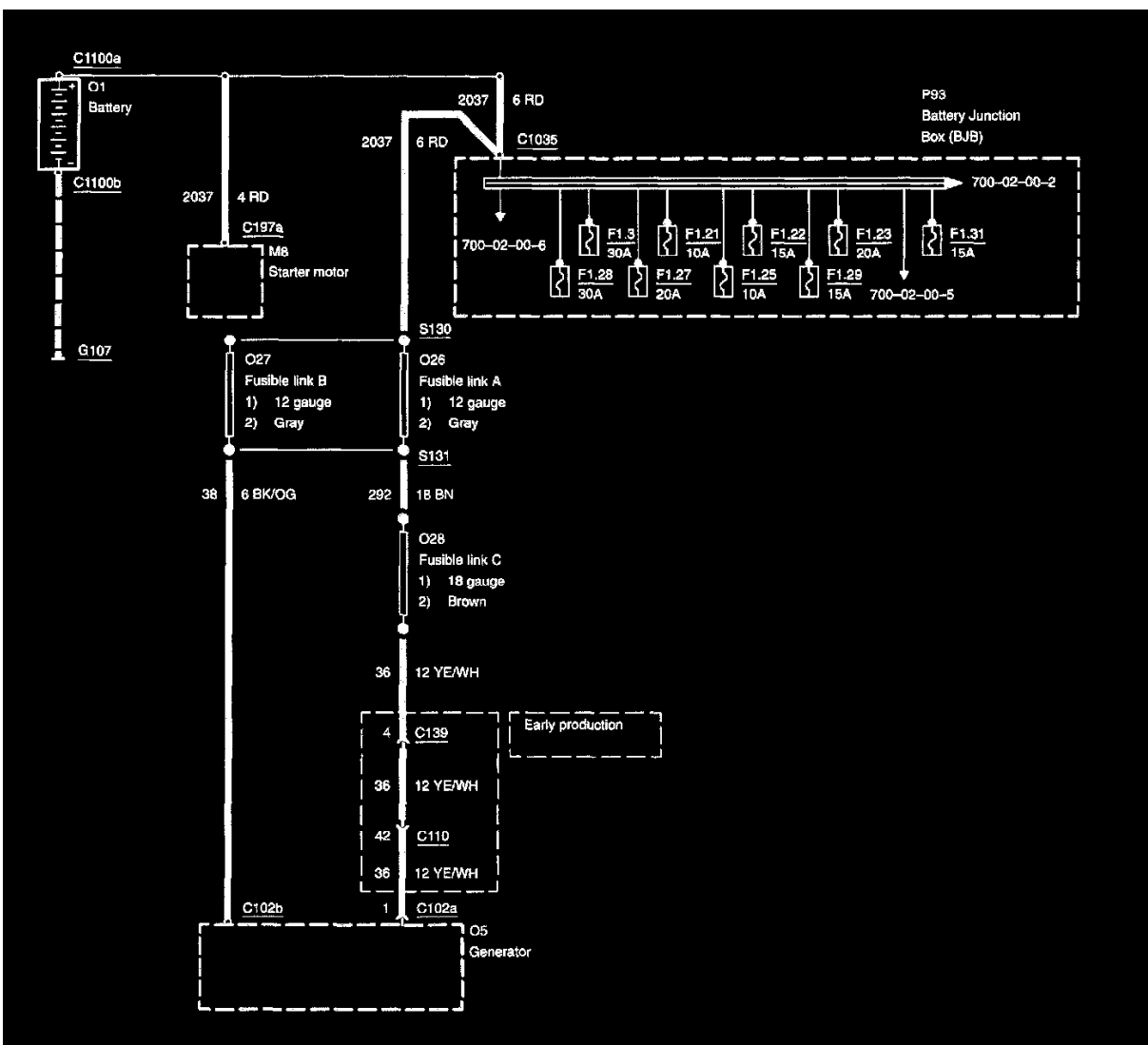
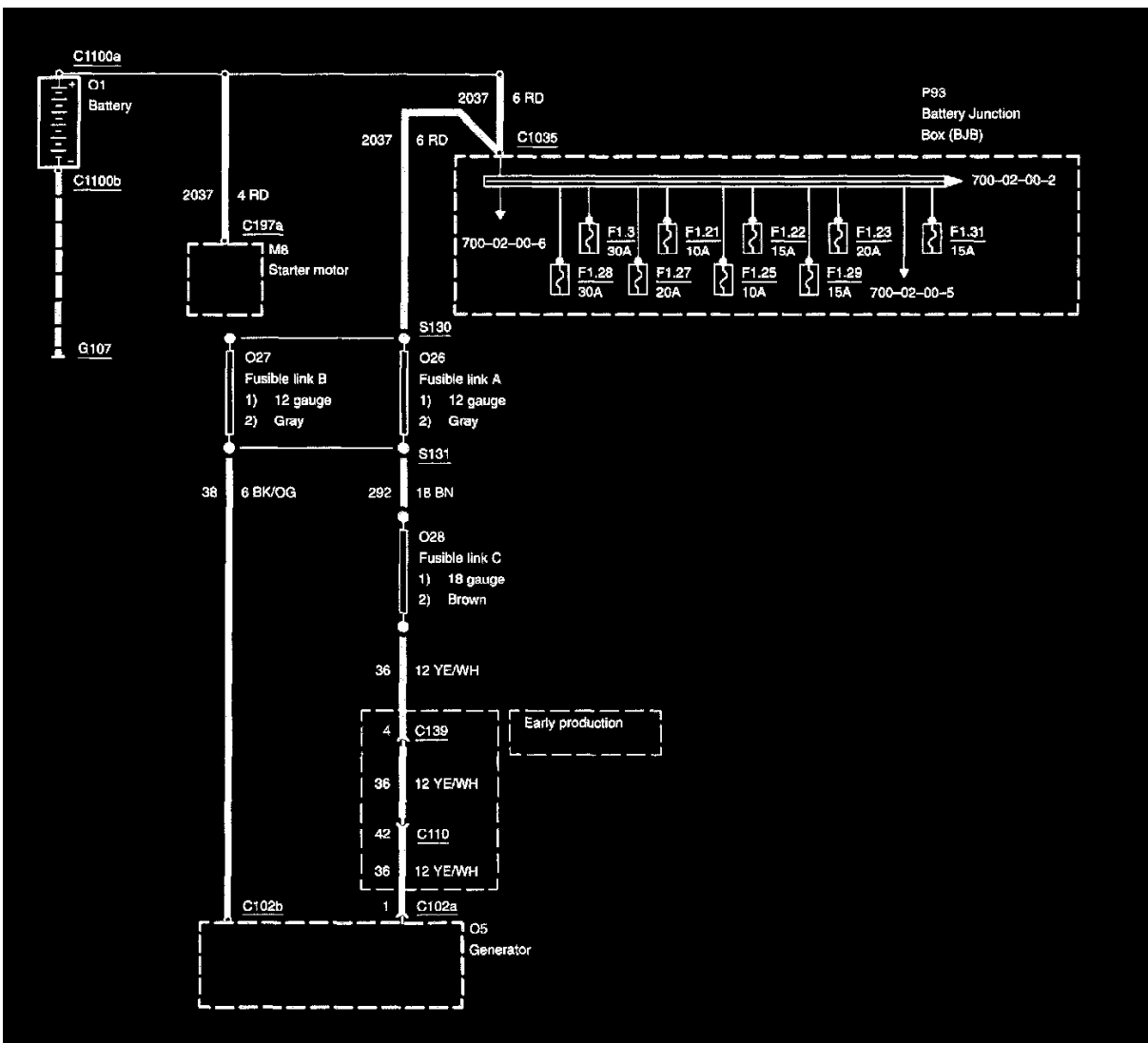


Diagram 700-02-00-6



Junction Box Circuits

DETAILED DIAGRAMS





Early production

700-02-00-2

361 14 RD

361 14 RD

361 16 RD

361 16 RD

361 16 RD

361 14 RD

S104

C186

Y113

Injector 6

C185

Y112

Injector 5

C183

Y110

Injector 3

S129

361 18 RD

361 18 RD

71

97

C175

A147

Powertrain Control Module (PCM)

S101

361 16 RD

361 16 RD

361 16 RD

361 14 RD

361 14 RD

C184

Y111

Injector 4

C181

Y108

Injector 1

C182

Y109

Injector 2

C1066

Y133

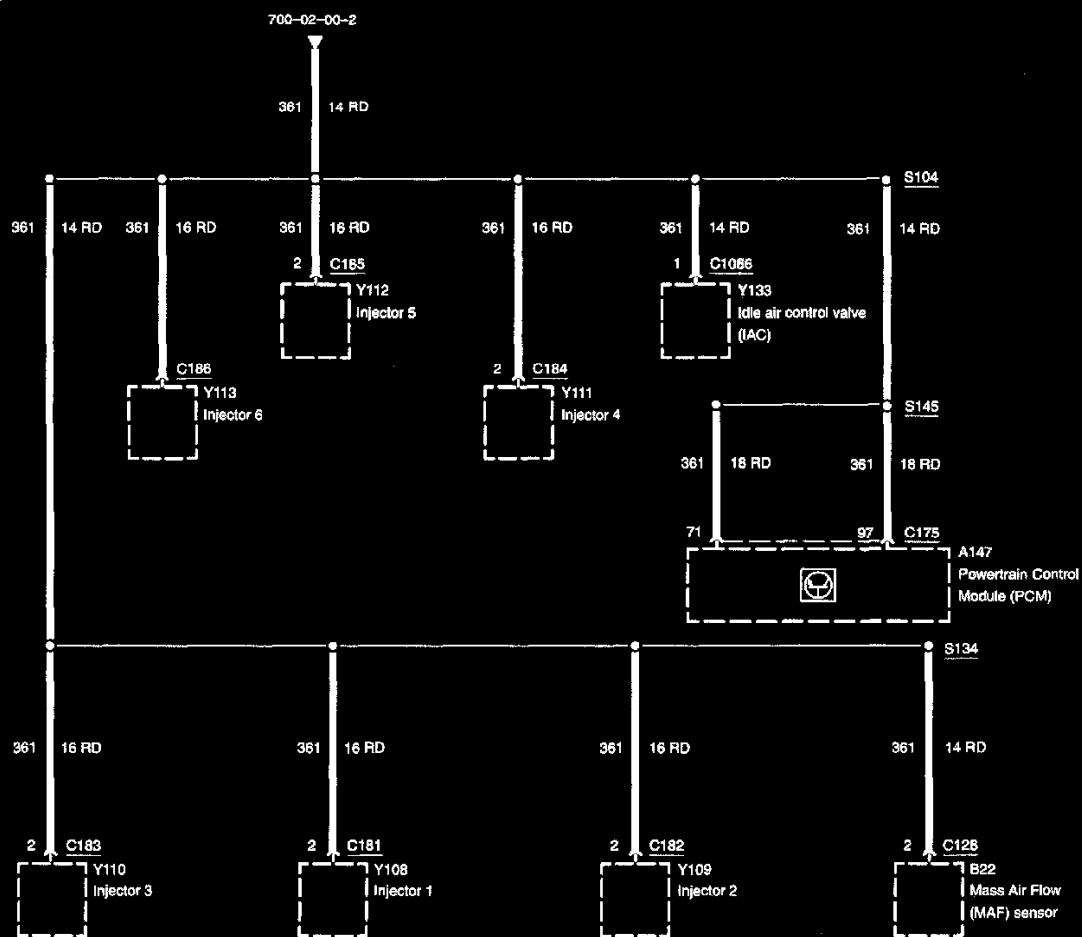
Idle air control valve (IAC)

C126

B22

Mass Air Flow (MAF) sensor

Diagram 700-02-00-3

Late production**Diagram 700-02-00-4**

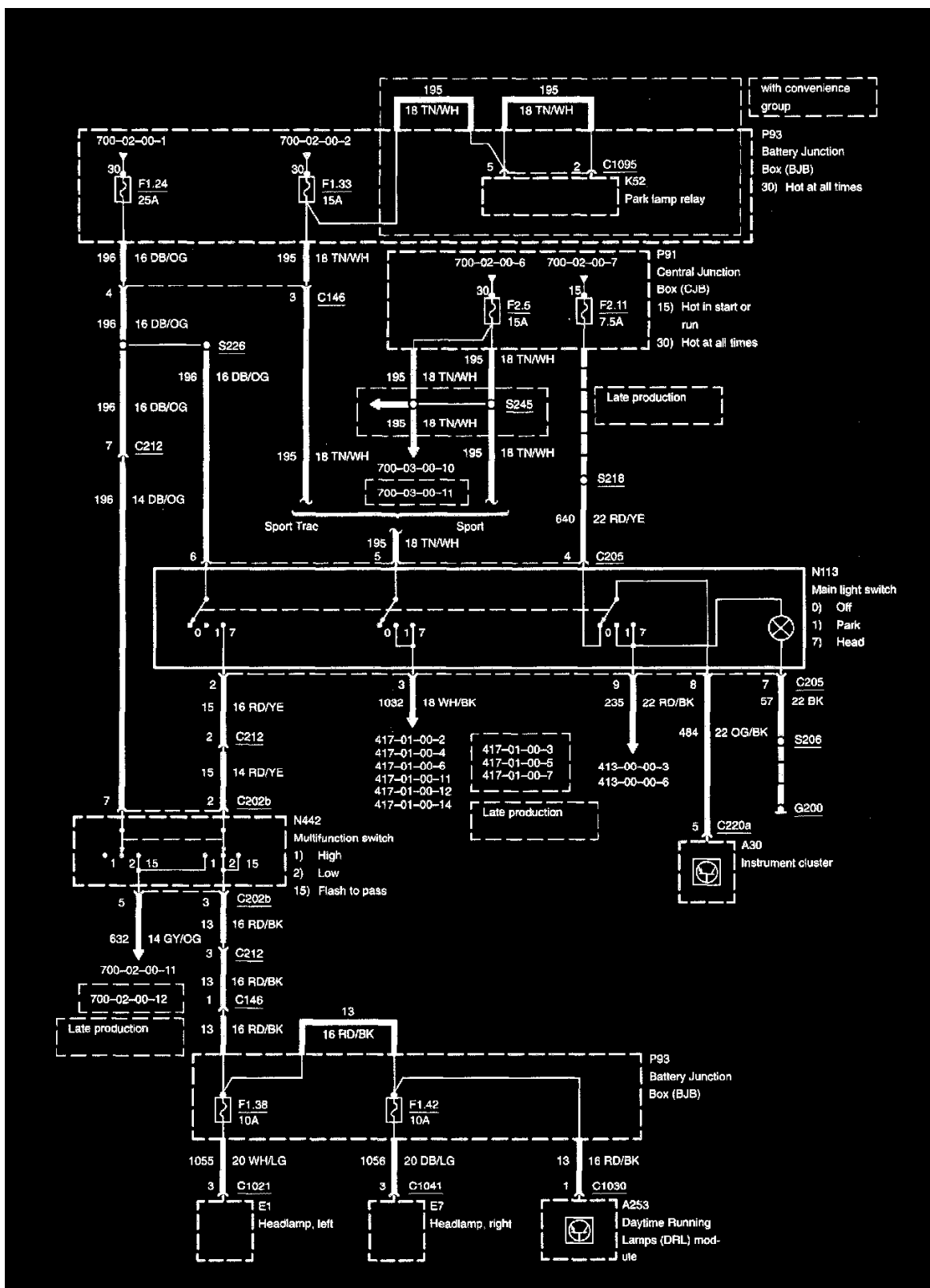


Diagram 700-02-00-5

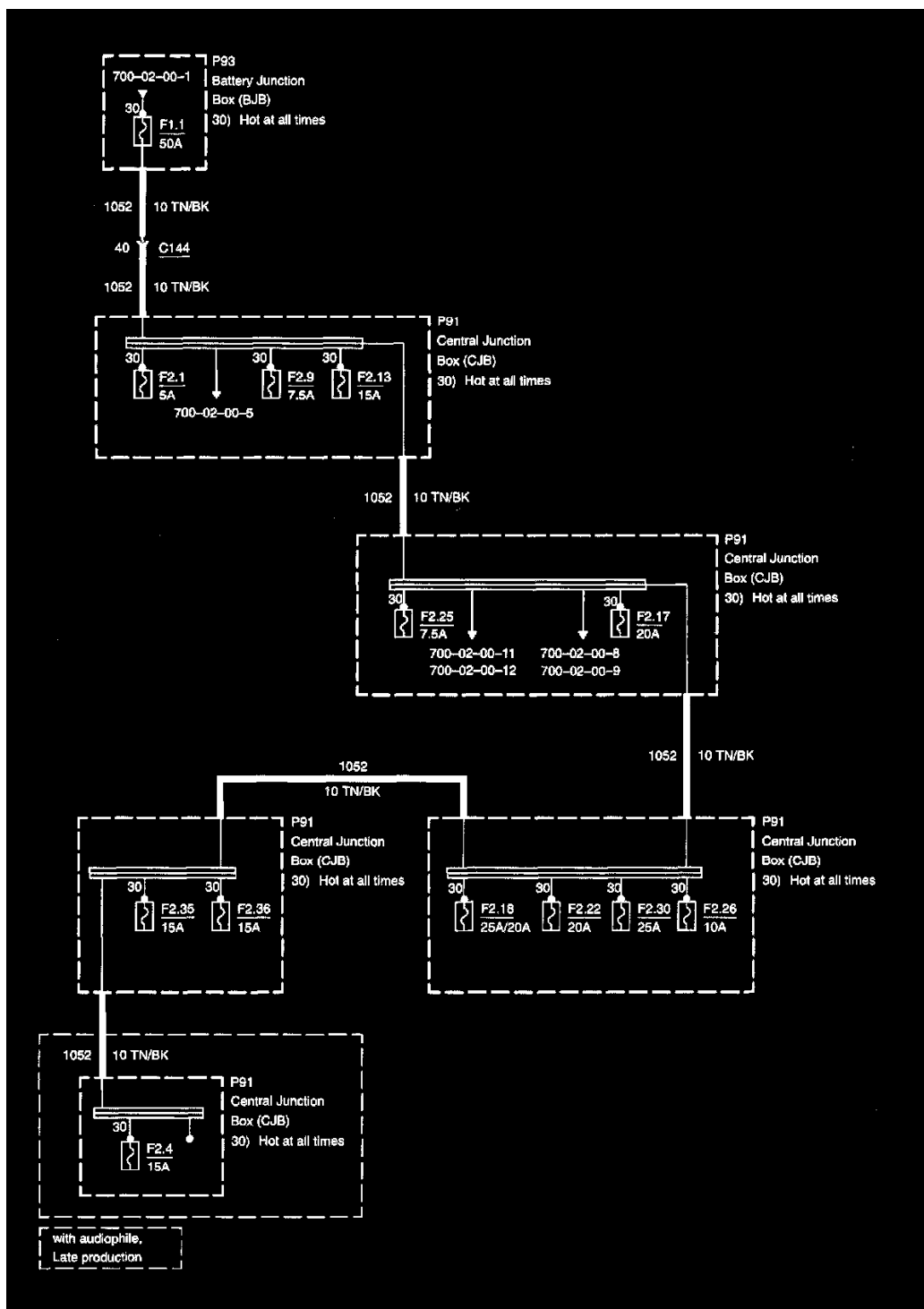


Diagram 700-02-00-6

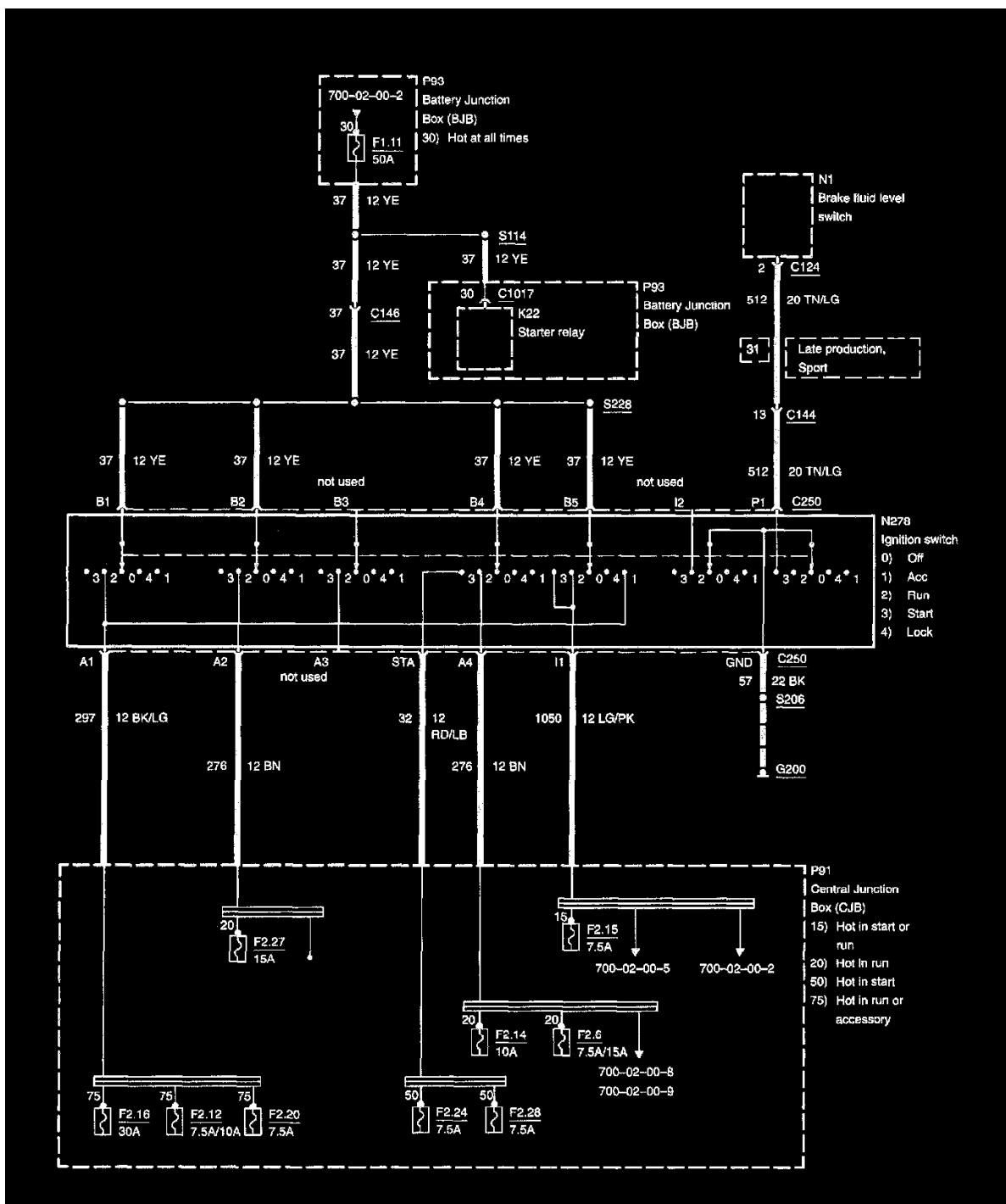


Diagram 700-02-00-7

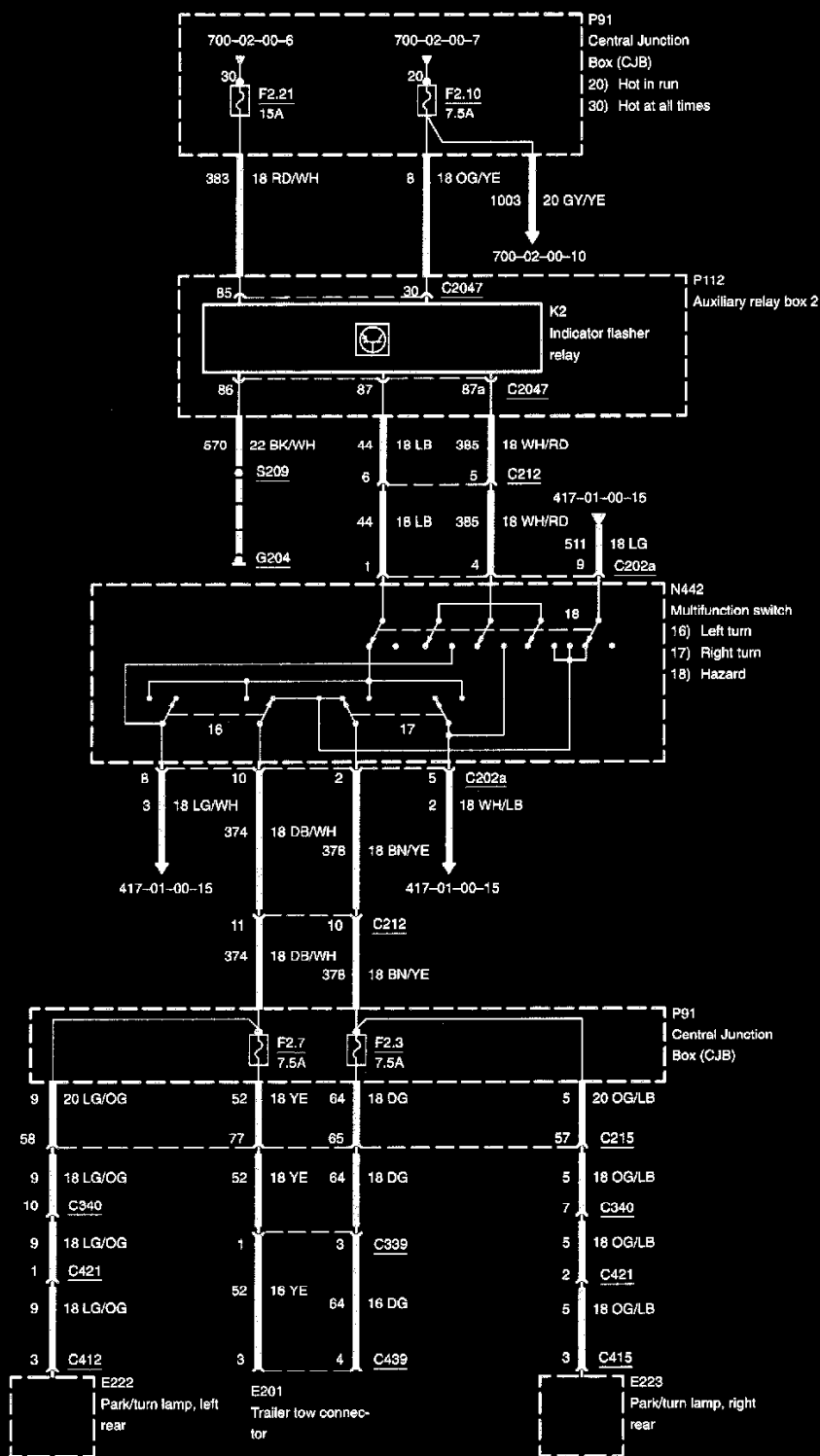
Sport Trac

Diagram 700-02-00-9

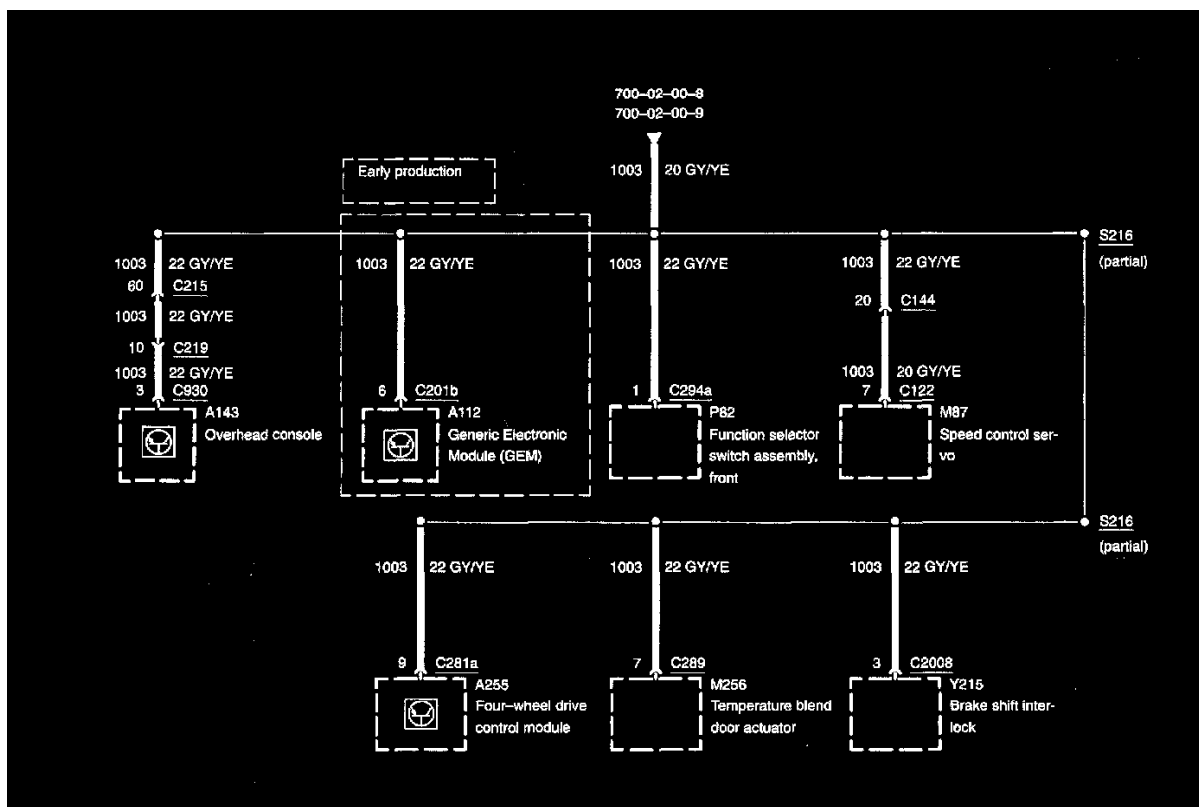


Diagram 700-02-00-10

RELATED DIAGRAMS

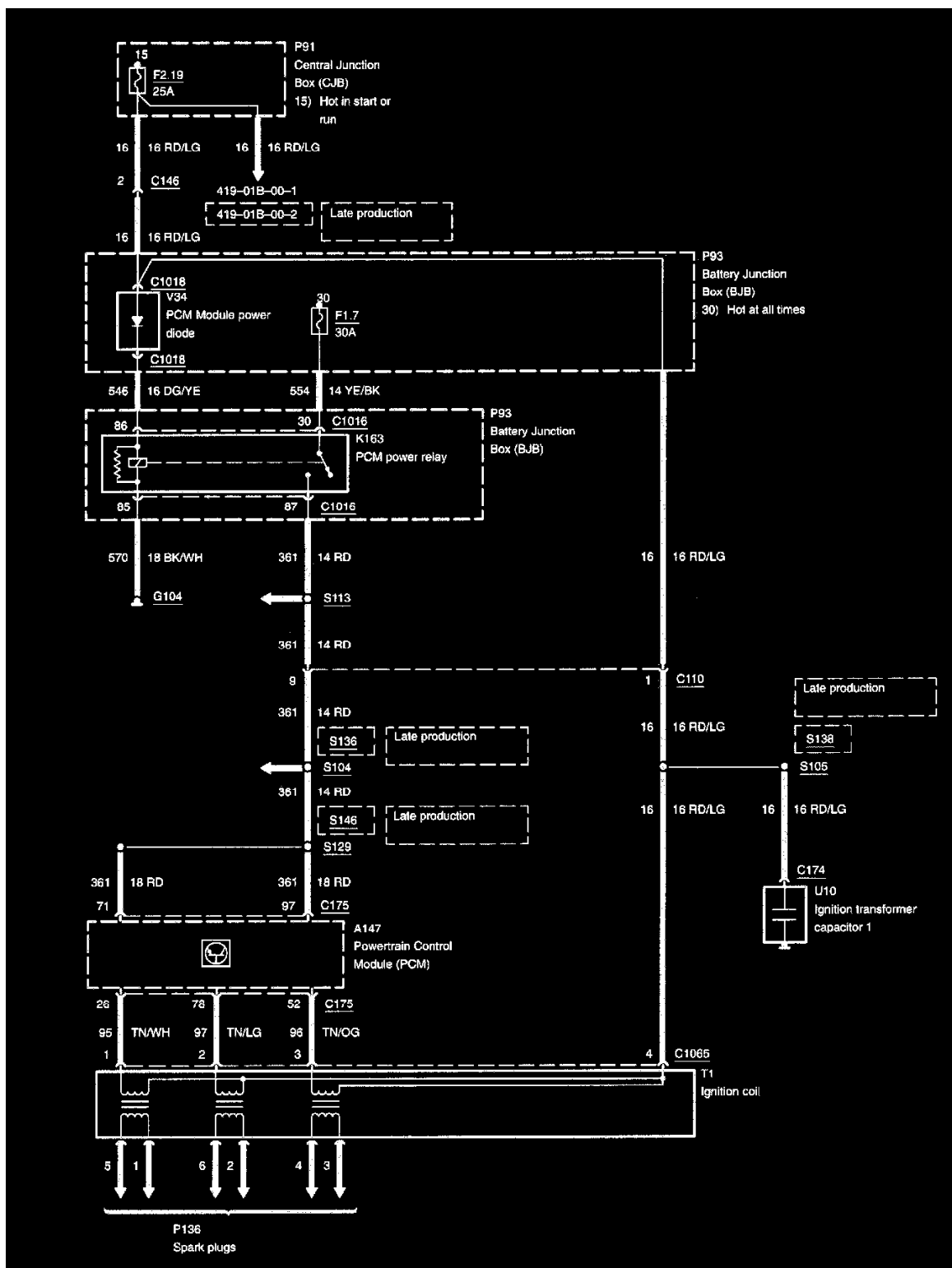


Diagram 303-07-00-1

Sport

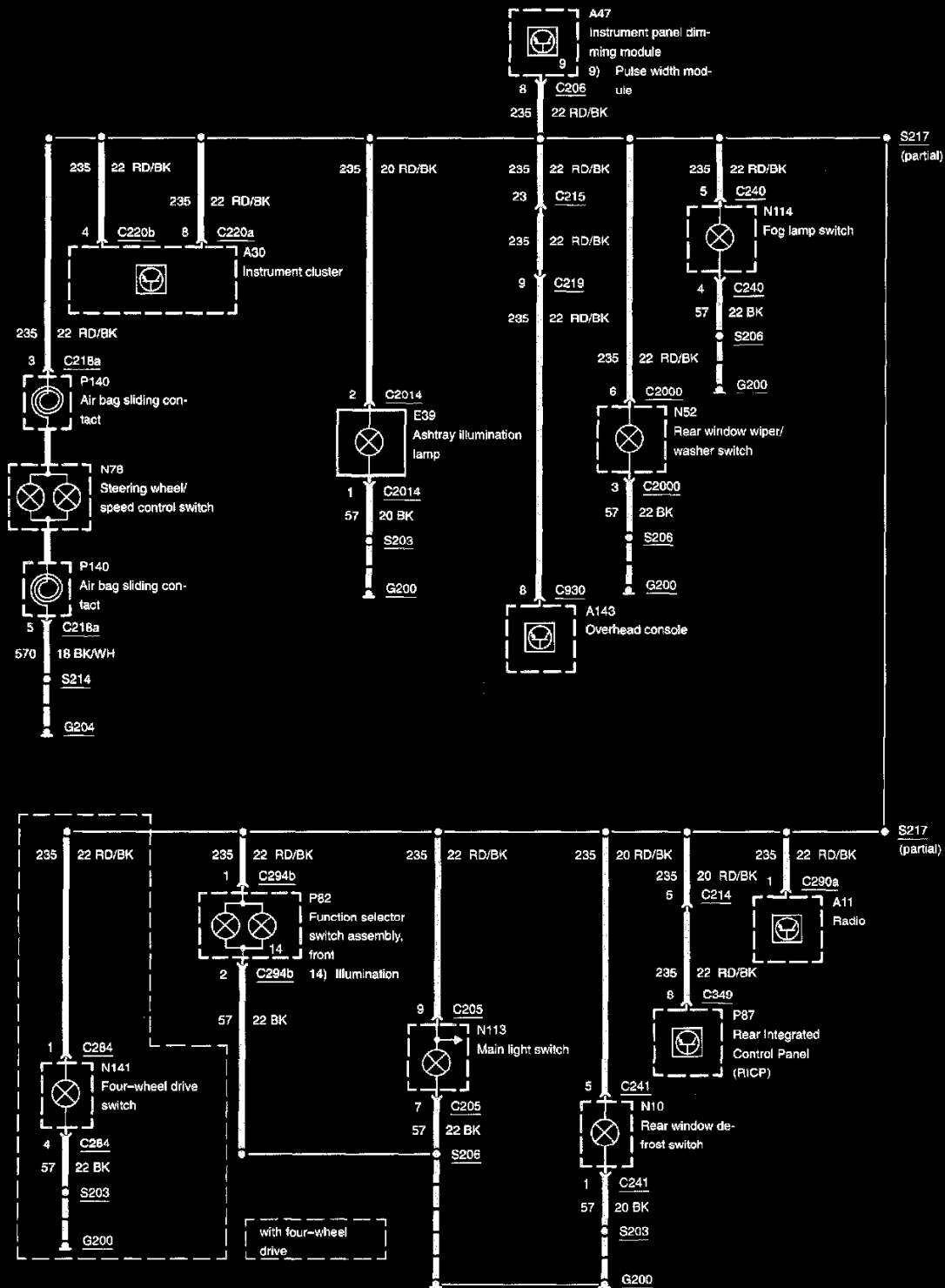


Diagram 413-00-00-3

The diagram illustrates the electrical connections for the 22 RD/BK wire. Key components and their connections include:

- Instrument Cluster (A30):** Connected via C220b (pin 4) and C220a (pin 6).
- Steering Wheel/Speed Control Switch (N78):** Connected via P140 (Air bag sliding contact) and C218a (pin 5) to 18 BK/WH (S214) and G204.
- Instrument Panel Dimming Module (A47):** Connected via C206 (pin 8) to 22 RD/BK.
- Pulse Width Module (9):** Connected via C206 (pin 8) to 22 RD/BK.
- Fog Lamp Switch (N114):** Connected via C240 (pin 5) to 22 RD/BK and C240 (pin 4) to 22 BK (S206) and G200.
- Rear Window Adjust Switch (N465):** Connected via C2060 (pin 8) to 22 RD/BK and C2060 (pin 5) to 22 BK (S206) and G200.
- Function Selector Switch Assembly, Front (P82):** Connected via C294b (pin 1) to 22 RD/BK and C294b (pin 2) to 22 BK (S206) and G200.
- Four-wheel Drive Switch (N141):** Connected via C264 (pin 1) to 22 RD/BK and C284 (pin 4) to 22 BK (S203) and G200.
- Main Light Switch (N113):** Connected via C205 (pin 9) to 22 RD/BK and C205 (pin 7) to 22 BK (S206) and G200.
- Rear Integrated Control Panel (RICP) (P87):** Connected via C349 (pin 8) to 22 RD/BK.
- Ashtray Illumination Lamp (E39):** Connected via C2014 (pin 2) to 20 RD/BK and C2014 (pin 1) to 20 BK (S203) and G200.
- Radio (A11):** Connected via C260a (pin 1) to 22 RD/BK.

Diagram 413-00-00-6

Sport, Before Jan 31

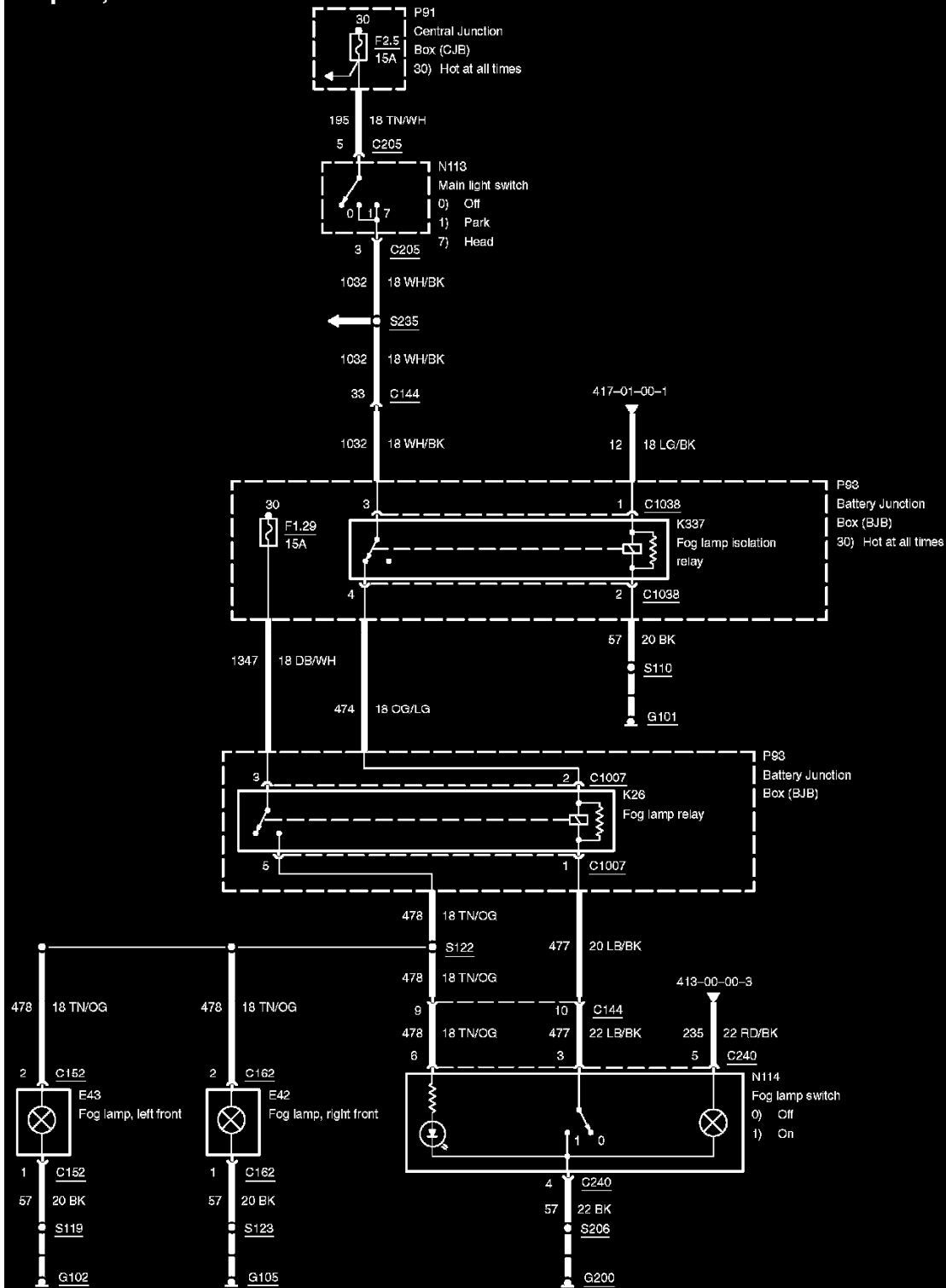
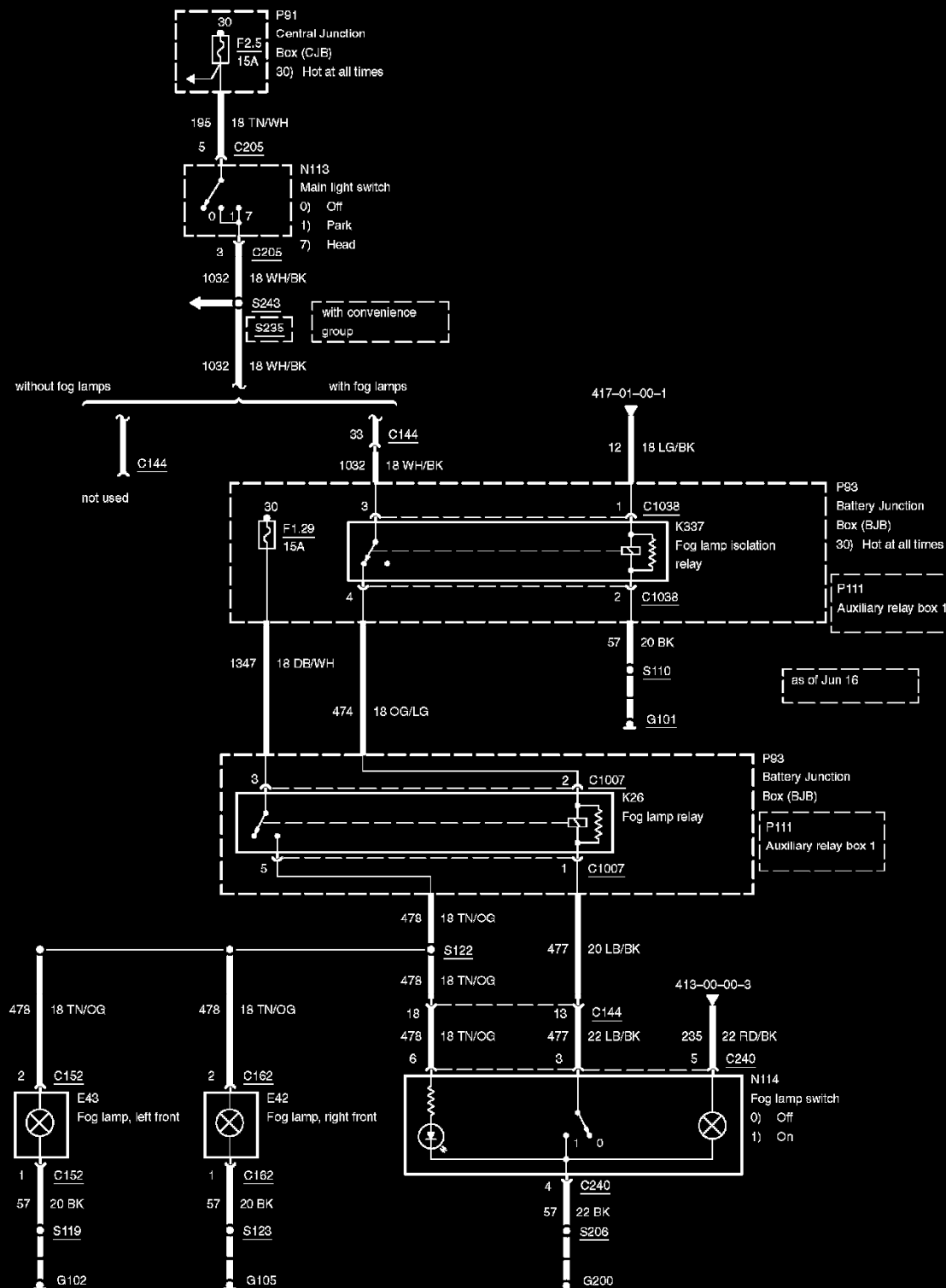
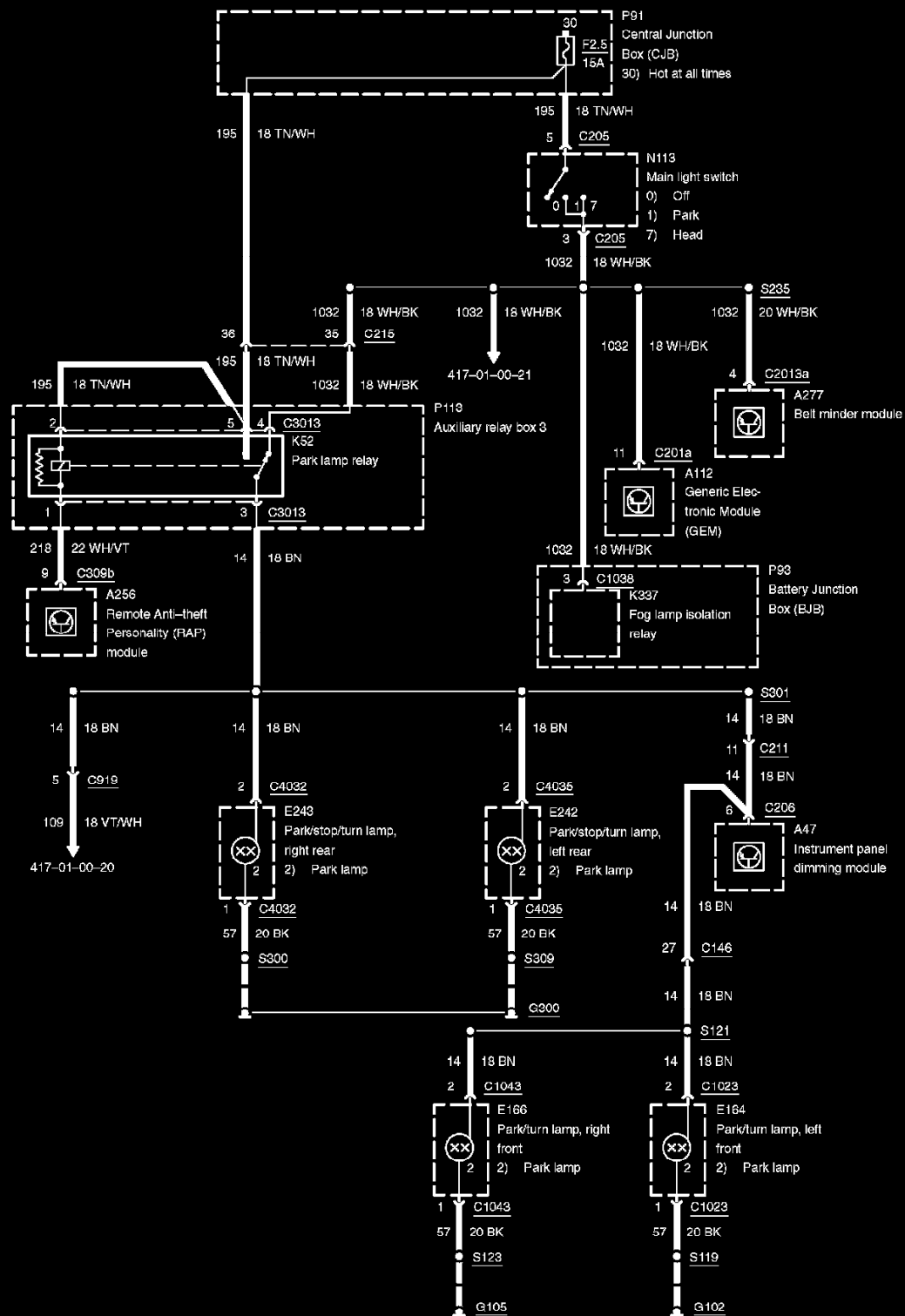


Diagram 417-01-00-2

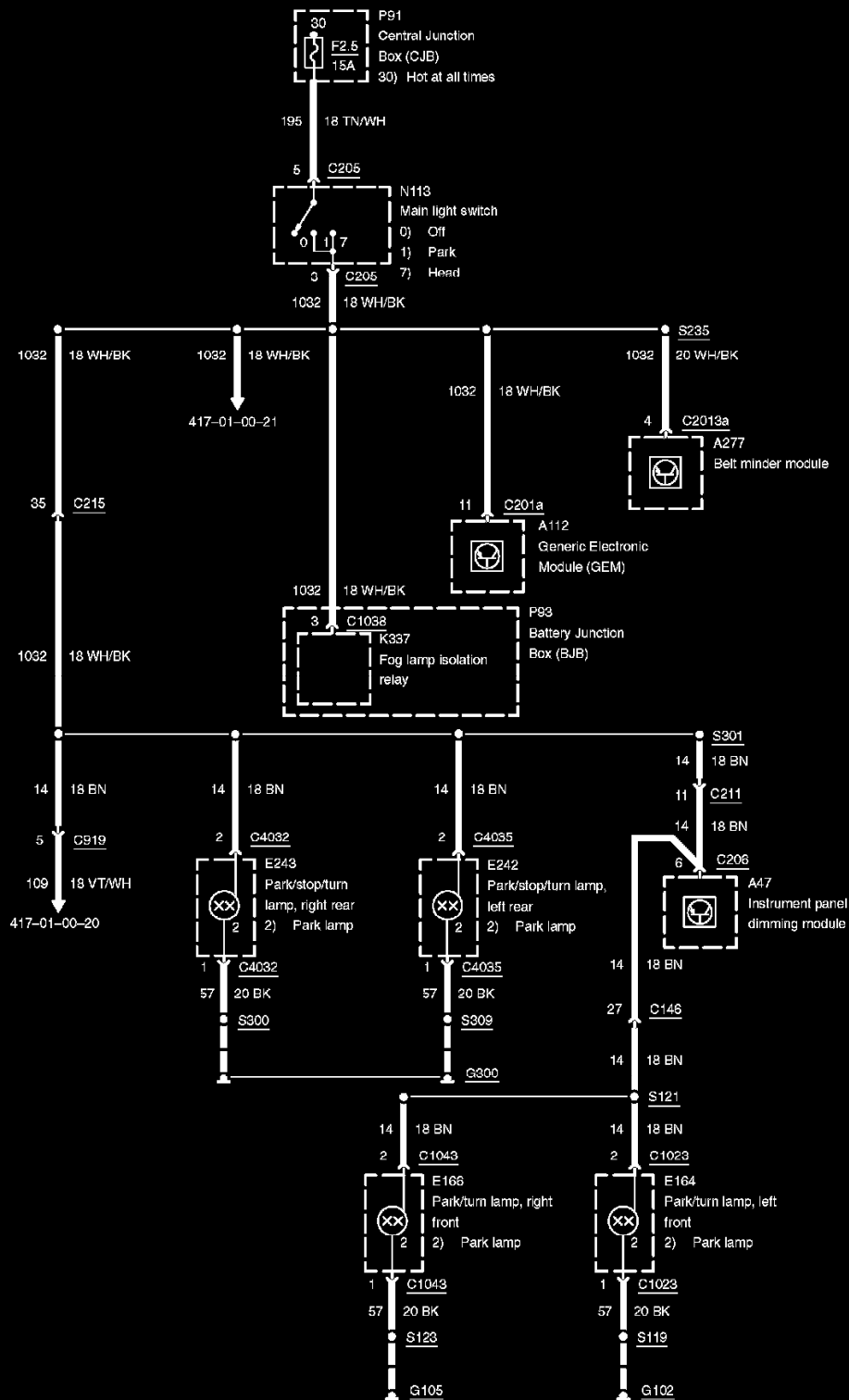
Sport, Late production**Diagram 417-01-00-3**

Sport, With convenience group, Early production**Diagram 417-01-00-4**

Wiring Diagram Details:

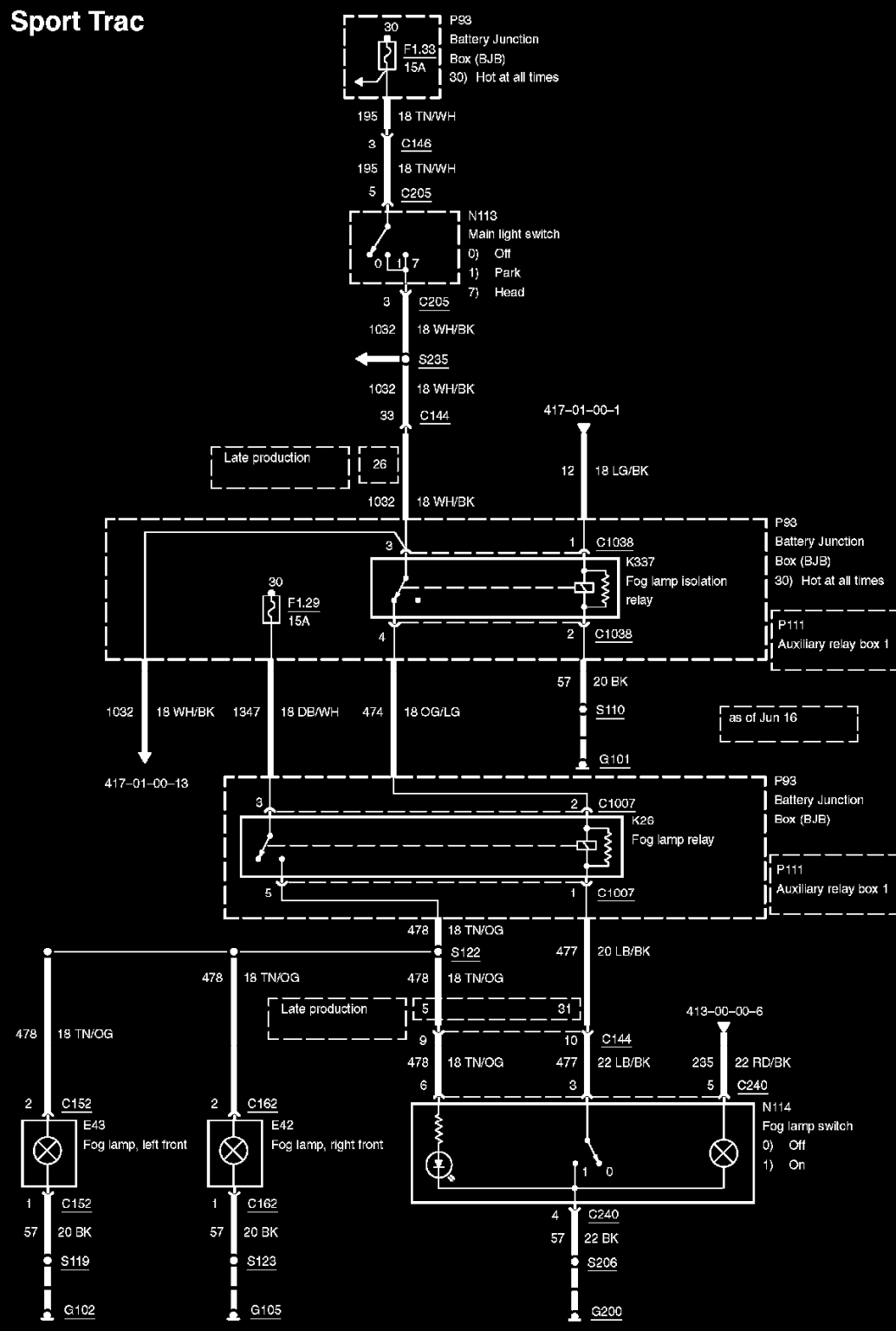
- Central Junction Box (CJB):** F2.5 15A, 30) Hot at all times.
- Main light switch (N113):** 0) Off, 1) Park, 7) Head.
- Fog lamp isolation relay (K337):** 3) C1032.
- Generic Electronic Module (GEM):** A112.
- Central security module (A262):** 3) C274b.
- Instrument panel dimming module (A47):** 6) C206.
- Relays:** K52 (Park lamp relay), K337 (Fog lamp isolation relay).
- Lamps:**
 - Front: E164 (Park/turn lamp, left front), E166 (Park/turn lamp, right front).
 - Rear: E242 (Park/stop/turn lamp, left rear), E243 (Park/stop/turn lamp, right rear).
- Wires and Connectors:**
 - 18 TN/WH, 18 WH/BK, 18 BN, 20 BK, 22 WH/VT, 18 VT/WH.
 - Connectors: C205, C205b, C206, C2100b, C215, C4032, C4035, C4092, C4093, C4095, C919, C919b, C919c, C919d, C919e, C919f, C919g, C919h, C919i, C919j, C919k, C919l, C919m, C919n, C919o, C919p, C919q, C919r, C919s, C919t, C919u, C919v, C919w, C919x, C919y, C919z.

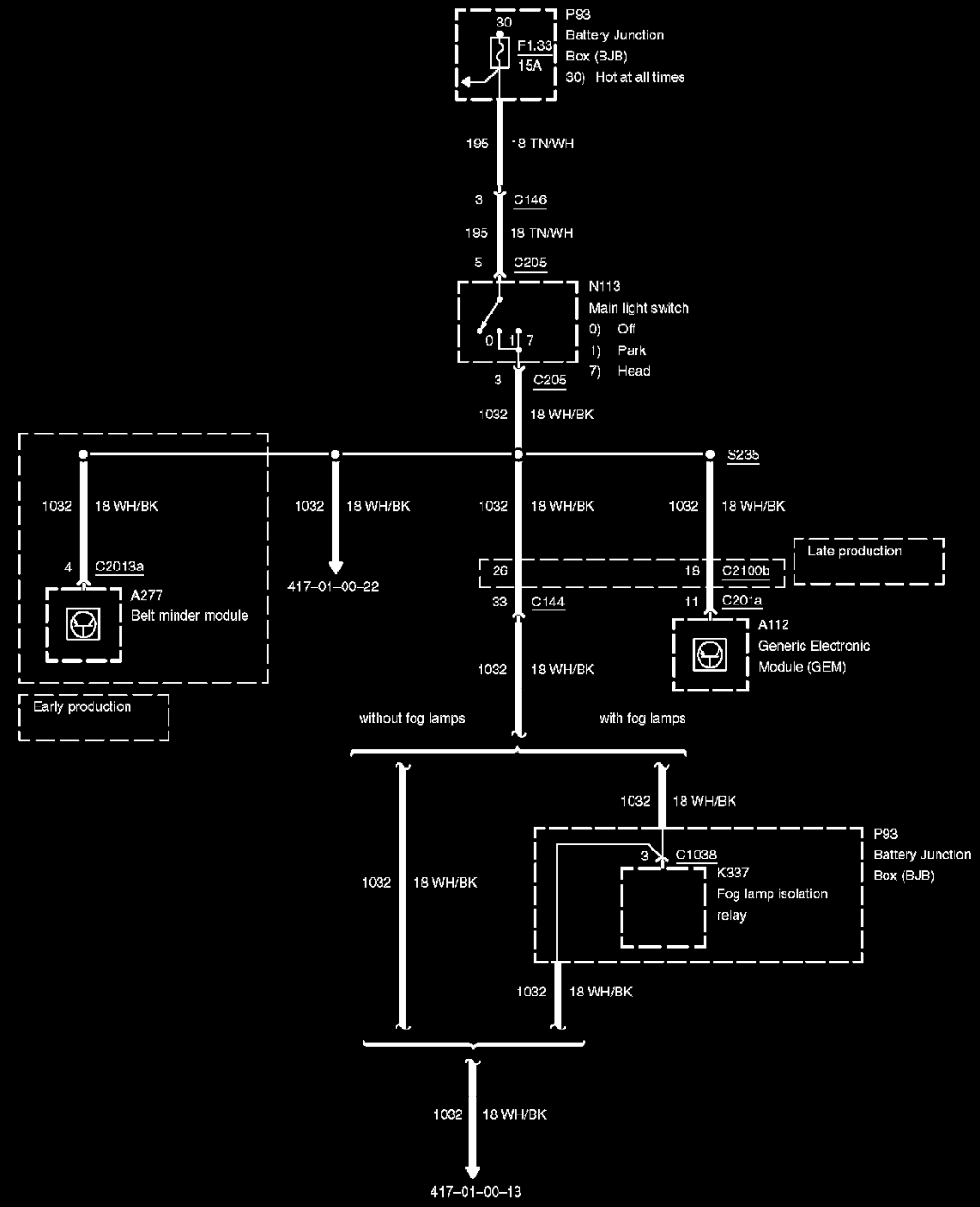
Diagram 417-01-00-5

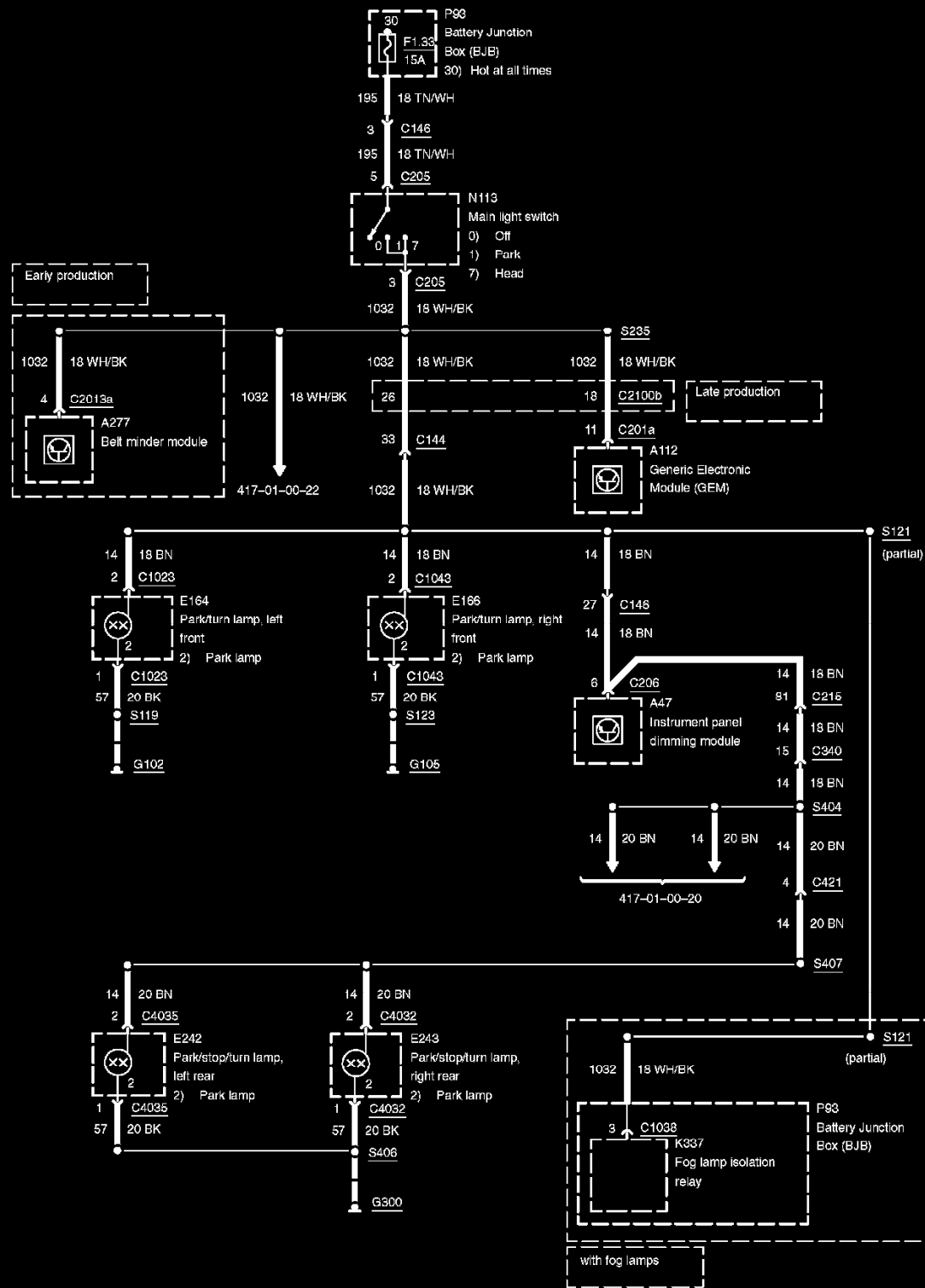
Sport, Without convenience group, Early production**Diagram 417-01-00-6**

[illegible]

Diagram 417-01-00-7

Sport Trac**Diagram 417-01-00-11**

Sport Trac, With convenience group**Diagram 417-01-00-12**

Sport Trac, Lower option content**Diagram 417-01-00-14**

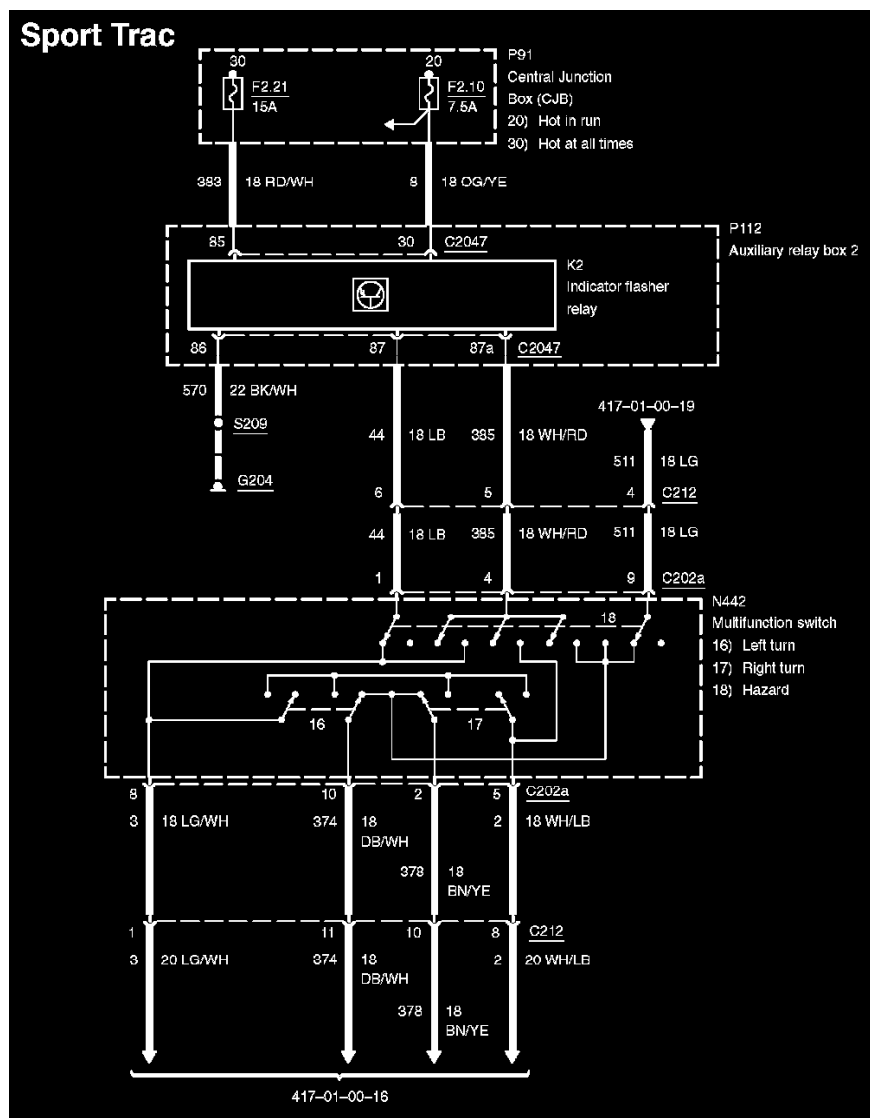


Diagram 417-01-00-15

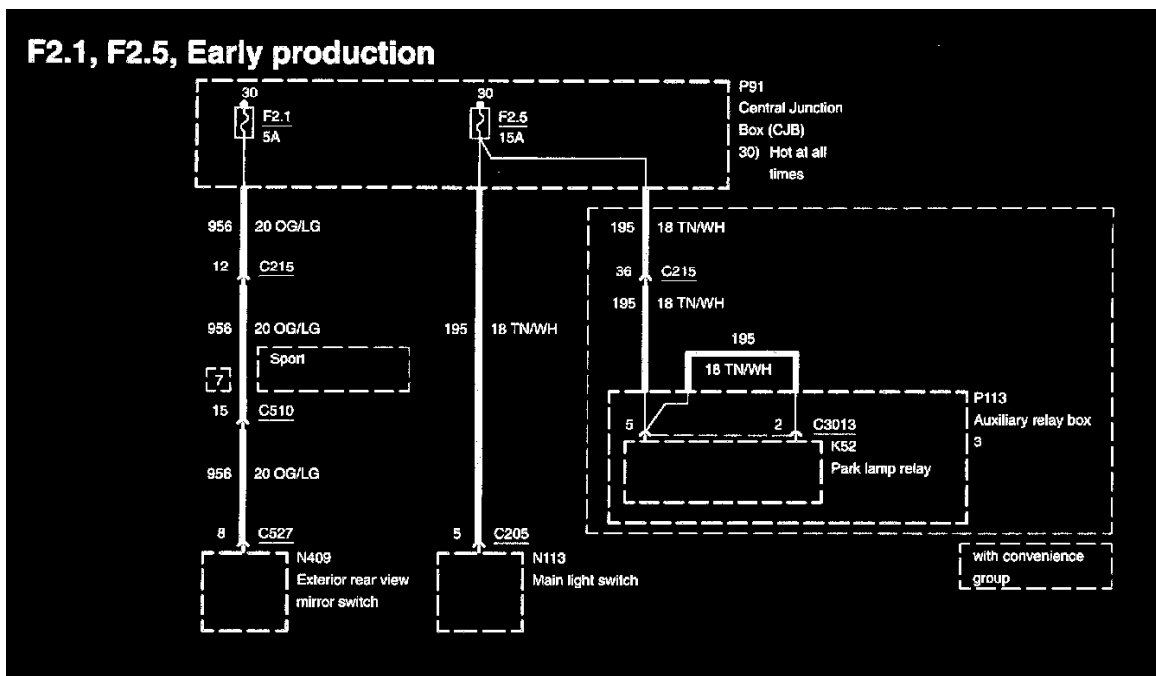
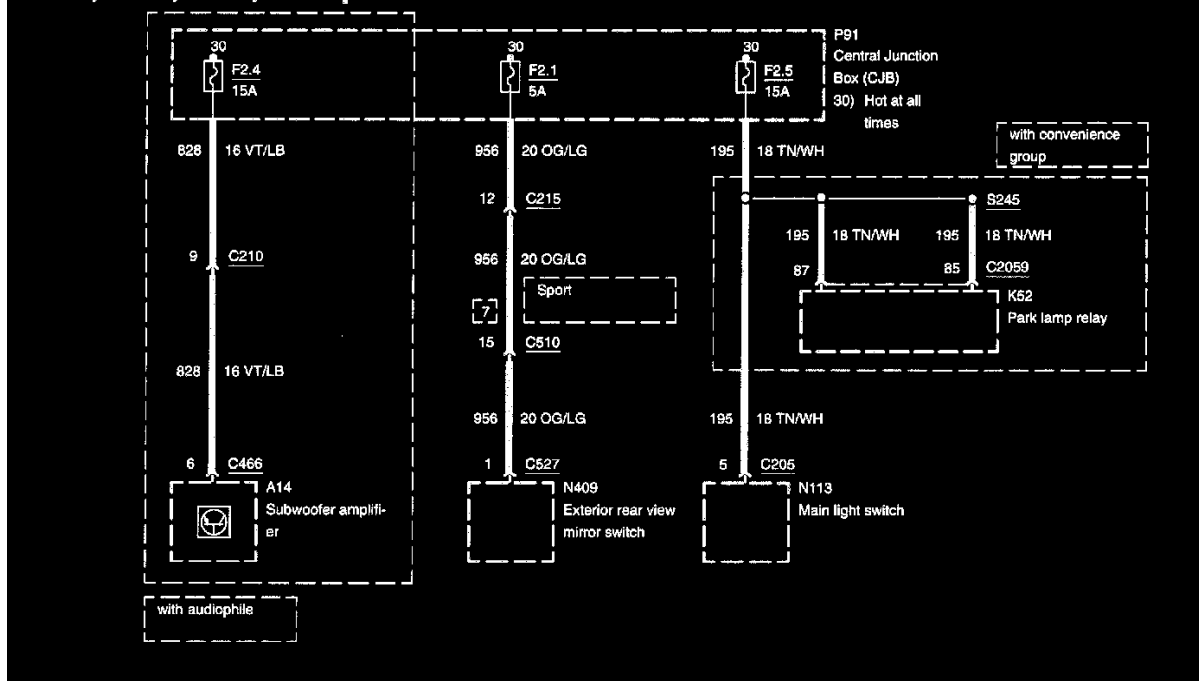
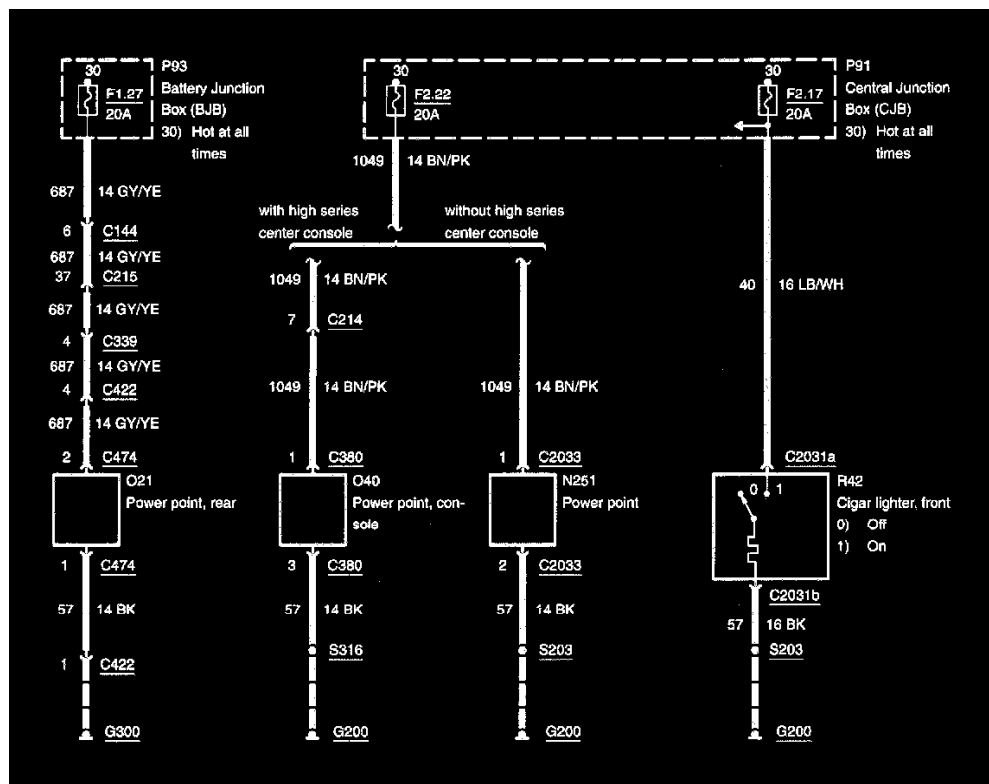


Diagram 700-03-00-10

F2.1, F2.4, F2.5, Late production**Diagram 700-03-00-11****Diagram 501-12-00-1****Fuse**

For information regarding diagrams for this component, please refer to Power and Ground Distribution Diagrams. See: Power and Ground Distribution/Diagrams/Electrical Diagrams

Fuse Block

For information regarding diagrams for this component, please refer to Power and Ground Distribution Diagrams. See: Power and Ground Distribution/Diagrams/Electrical Diagrams

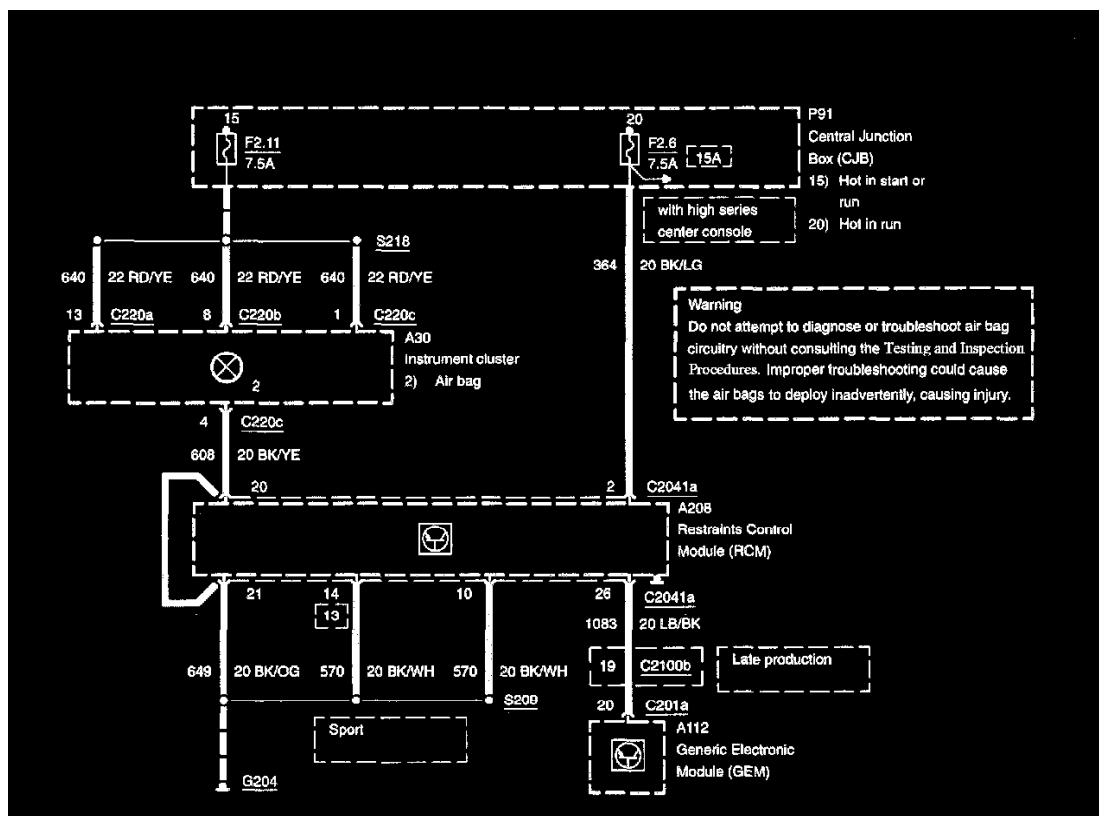


Diagram 501-20b-00-1

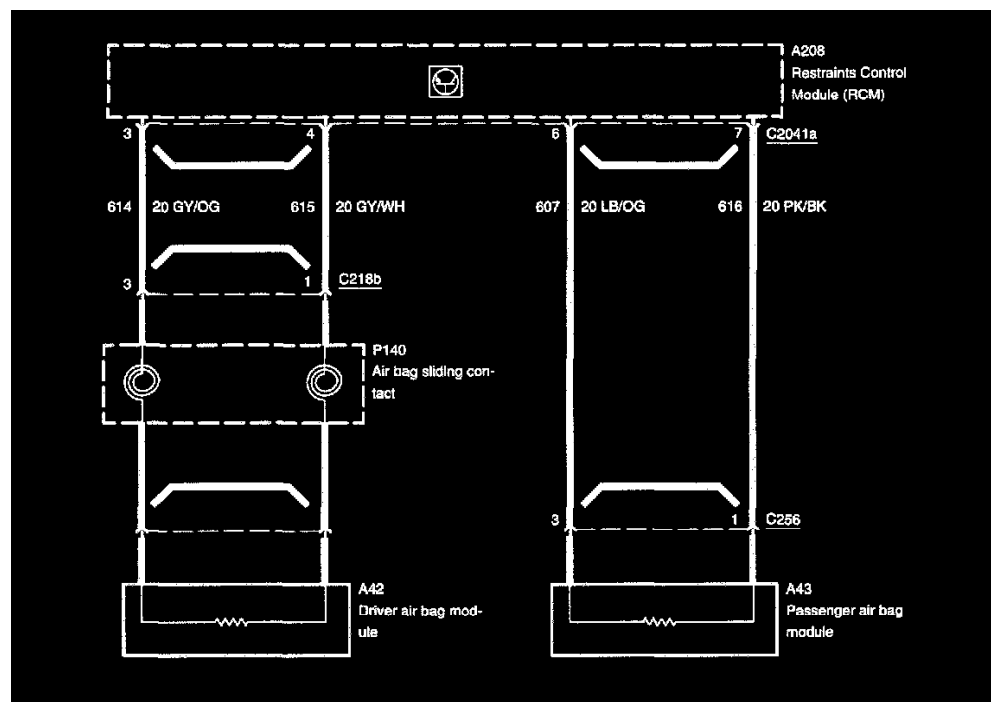


Diagram 501-20b-00-2

Early production

The diagram illustrates the electrical system for the early production of the vehicle. It shows the Central Junction Box (CJB) and the Generic Electronic Module (GEM) connected to various components.

Central Junction Box (CJB):

- 30) Hot at all times
- 50) Hot in start

Generic Electronic Module (GEM):

- A112

Wiring Details:

- Top Section:** 30 F2.25 7.5A, 50 F2.25 7.5A, 1001 22 WH/YE, 1000 20 RD/BK, 11, 14, C201b, 8, 7, C201a, 765 22 YE/BK, 761 22 GY/RD, 6, C215, 765 20 YE/BK, 7, C510, 17, C510, Sport, 765 20 YE/BK, 2, C526a, N239, Door ajar switch, driver side front, 1) Door closed, 2) Door open, 1, C526b, 57 20 BK, S500, G203, Sport, 761 22 GY/RD, 760 22 PK/LB, 761 22 GY/RD, 14, C211, 761 20 GY/RD, 3, C238, 761 20 GY/RD, 1, C602a, N240, Door ajar switch, passenger side front, 1) Door closed, 2) Door open, 1, C602b, 57 20 BK, S600, G300.
- Bottom Section:** 761 22 GY/RD, 759 22 LG/YE, 82, C215, 759 22 LG/YE, 8, C326, 759 20 LG/YE, C715a, 1, N237, Door ajar switch, driver side rear, 1) Door closed, 2) Door open, 1, C715b, 57 20 BK, S320, G300.
- Right Section:** 761 22 GY/RD, 760 22 PK/LB, 9, 760 22 PK/LB, 8, C327, 760 20 PK/LB, C820a, 1, N238, Door ajar switch, passenger side rear, 1) Door closed, 2) Door open, 1, C820b, 57 20 BK, C327, G300.
- Far Right Section:** 761 22 GY/RD, 14, C211, 761 20 GY/RD, 3, C238, 761 20 GY/RD, 1, C602a, N240, Door ajar switch, passenger side front, 1) Door closed, 2) Door open, 1, C602b, 57 20 BK, S600, G300.

Diagram 419-01a-00-1

Early production

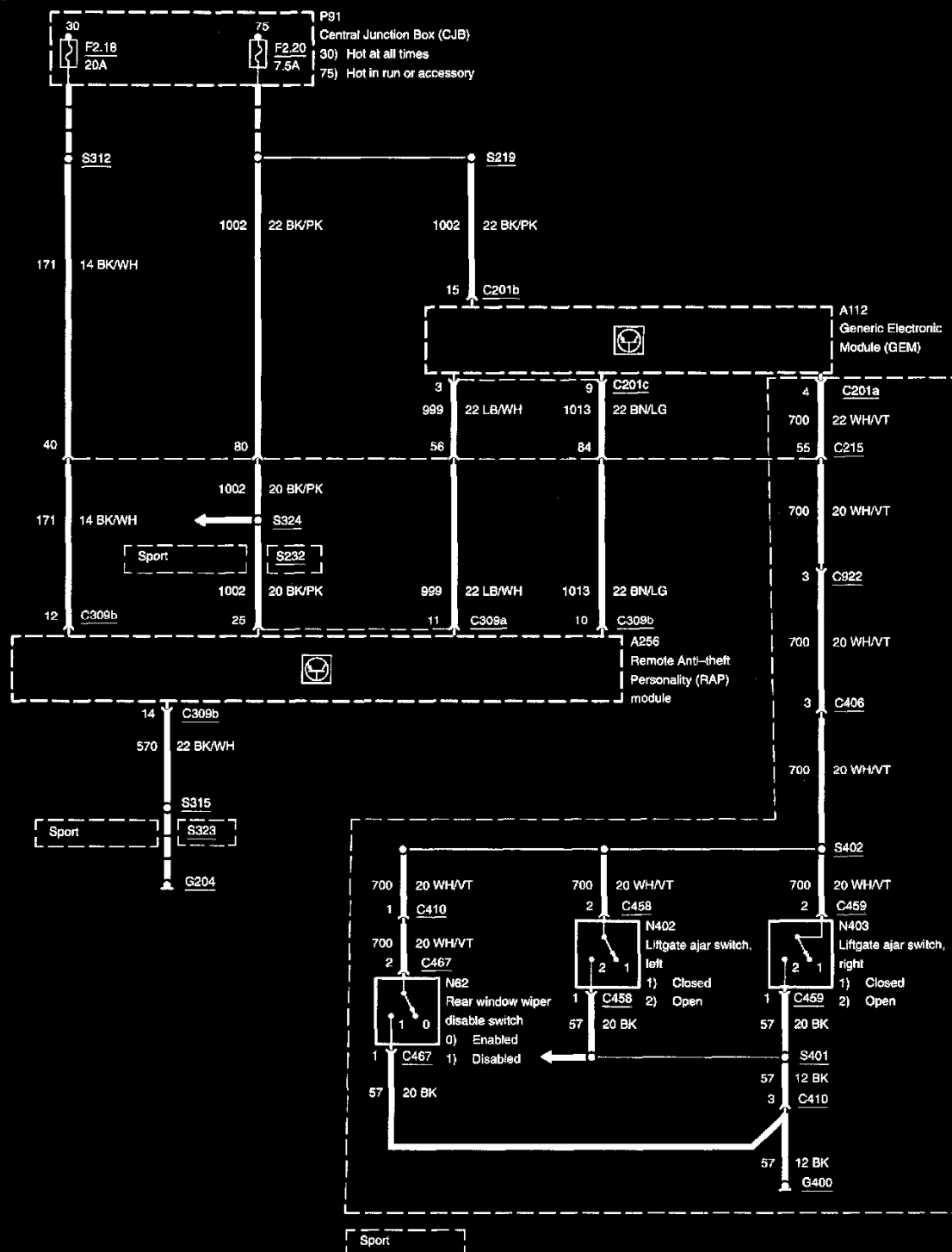
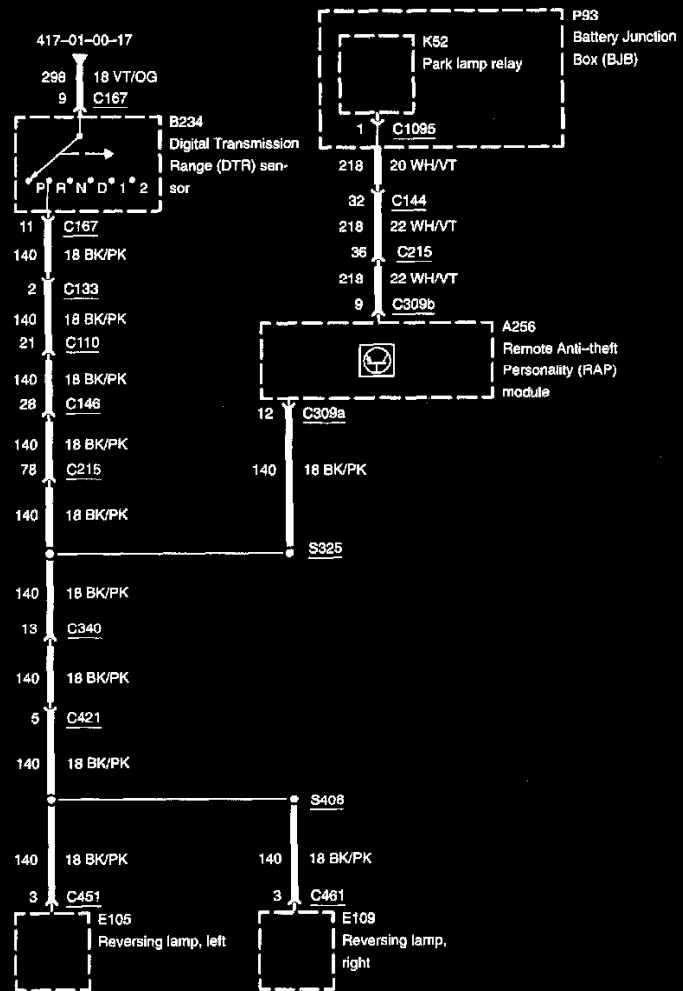


Diagram 419-01a-00-2

Sport Trac, Early production**Diagram 419-01a-00-4**

Early production

The diagram illustrates the electrical system for early production vehicles, featuring two Battery Junction Boxes (BJBs) and a Remote Anti-theft Personality (RAP) module.

Top Battery Junction Box (BJB):

- Terminal 30: F1.22 15A fuse.
- Terminal 460: 18 YE/LB wire.
- Terminal 30: Hot at all times.

Bottom Battery Junction Box (BJB):

- Terminal 1: 18 YE/LB wire.
- Terminal 3: C1006 wire.
- Terminal 5: C1006 wire.
- Terminal 6: 20 YE/LG wire.
- Terminal 25: C146 wire.
- Terminal 6: 20 YE/LG wire.
- Terminal 2: C218a wire.
- Terminal 413-06-00-1 and 413-06-00-2: Ground points.

Horn Relay and Horn:

- K33: Horn relay.
- C1006: Wire connecting the relay to the horn.
- H1: Horn.
- C131: Wire connecting the horn to the ground.
- 18 DB: Wire connecting the horn to the ground.
- 18 BK: Wire connecting the horn to the ground.
- S119: Wire connecting the horn to the ground.
- G102: Wire connecting the horn to the ground.

Remote Anti-theft Personality (RAP) module:

- A256: RAP module.
- C215: Wire connecting the module to the ground.
- C309b: Wire connecting the module to the ground.
- 20: Wire connecting the module to the ground.

Diagram 419-01a-00-5

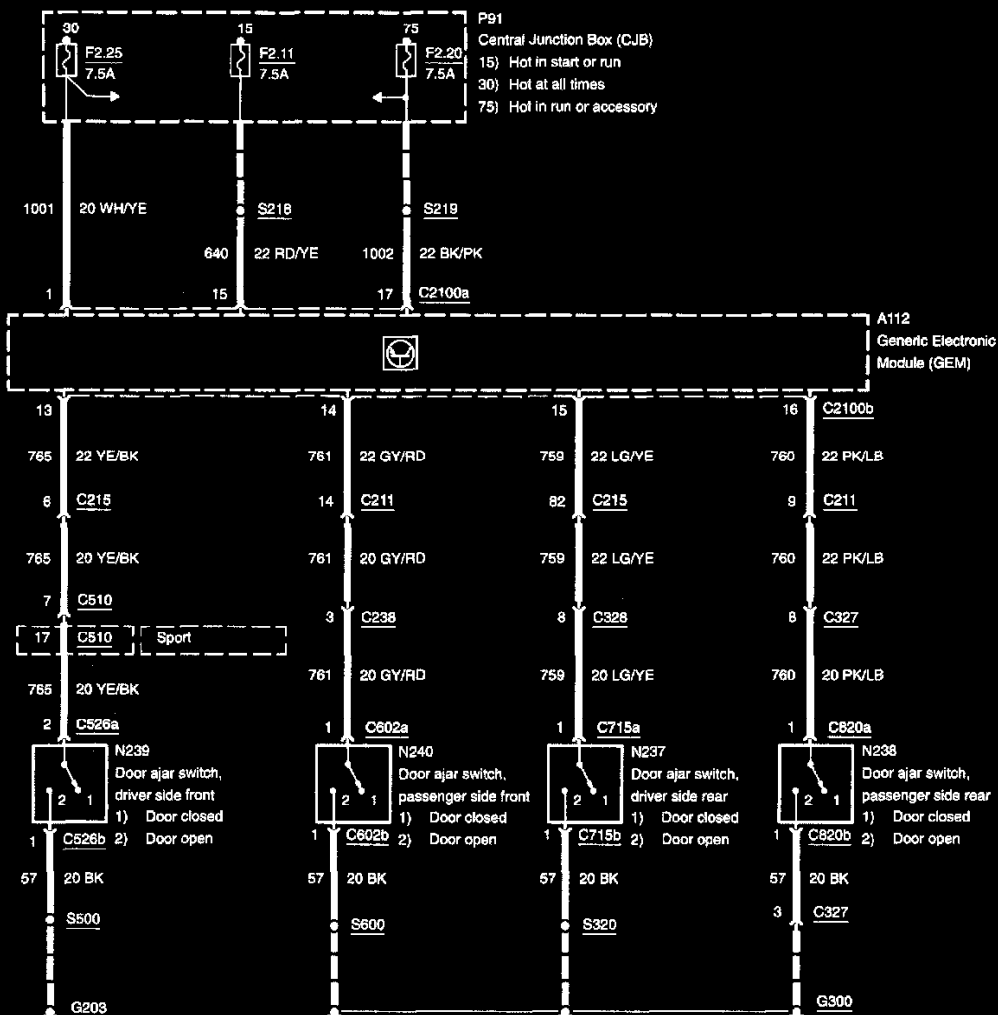
Late production

Diagram 419-01a-00-6

Late production

P81 Central Junction Box (CJB)
15) Hot in start or run
30) Hot at all times

A112 Generic Electronic Module (GEM)

A262 Central security module

N62 Rear window wiper disable switch
0) Enabled
1) Disabled

N402 Liftgate ajar switch, left
1) Closed
2) Open

N403 Liftgate ajar switch, right
1) Closed
2) Open

Spout

The diagram shows the following components and their connections:

- Central Junction Box (CJB):** Contains fuses F2.18 (20A) and F2.11 (7.5A). It is connected to the 30 and 15 power lines.
- Generic Electronic Module (GEM):** Connected to the 15 power line and the 22 RD/YE wire.
- Central security module:** Connected to the 15 power line and the 22 LB/WH wire.
- Rear window wiper disable switch:** Connected to the 15 power line and the 22 LB/WH wire.
- Liftgate ajar switches:** Connected to the 15 power line and the 22 LB/WH wire.
- Wiring:** The diagram shows a complex network of wires connecting these components. Key wires include 15, 30, 22 RD/YE, 22 LB/WH, 22 BN/LG, 22 WH/VT, 20 WH/VT, 20 BK, 12 BK, 16 BK, 17, 700, 55, 3, 1013, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200.

Diagram 419-01a-00-7

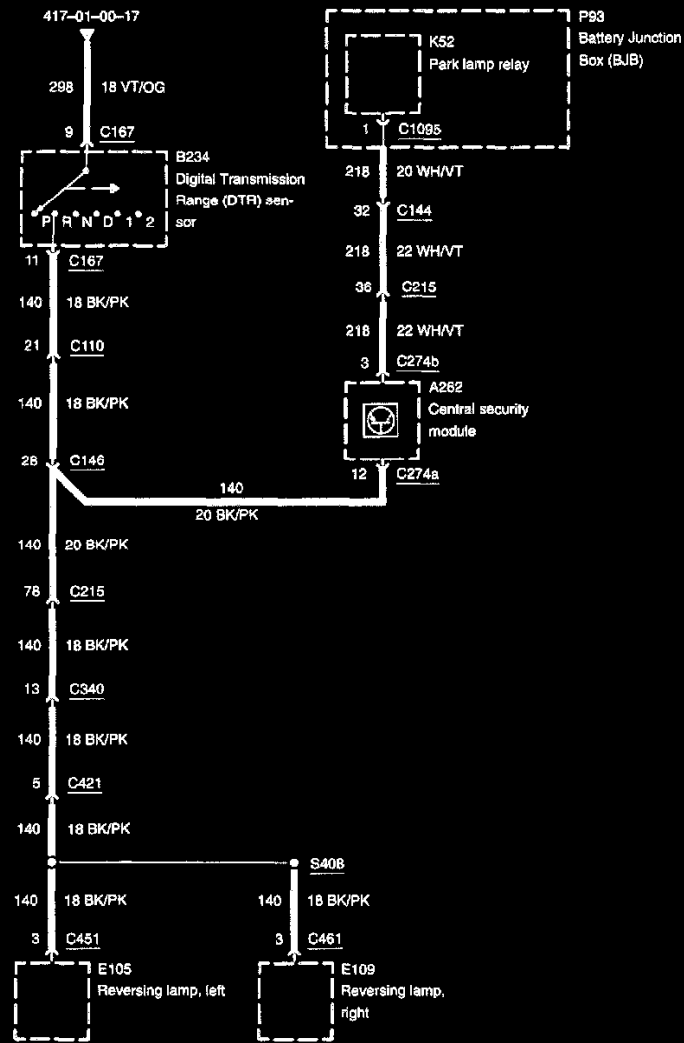
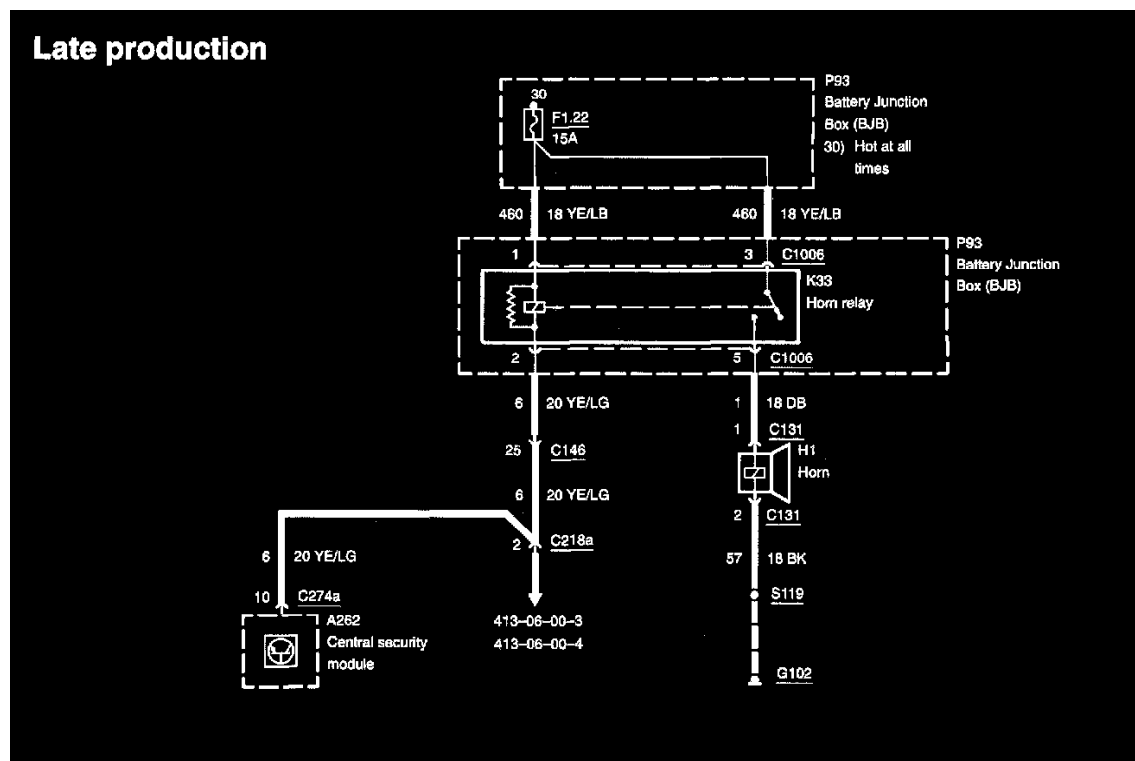
Sport Trac, Late production

Diagram 419-01a-00-9



RELATED DIAGRAMS

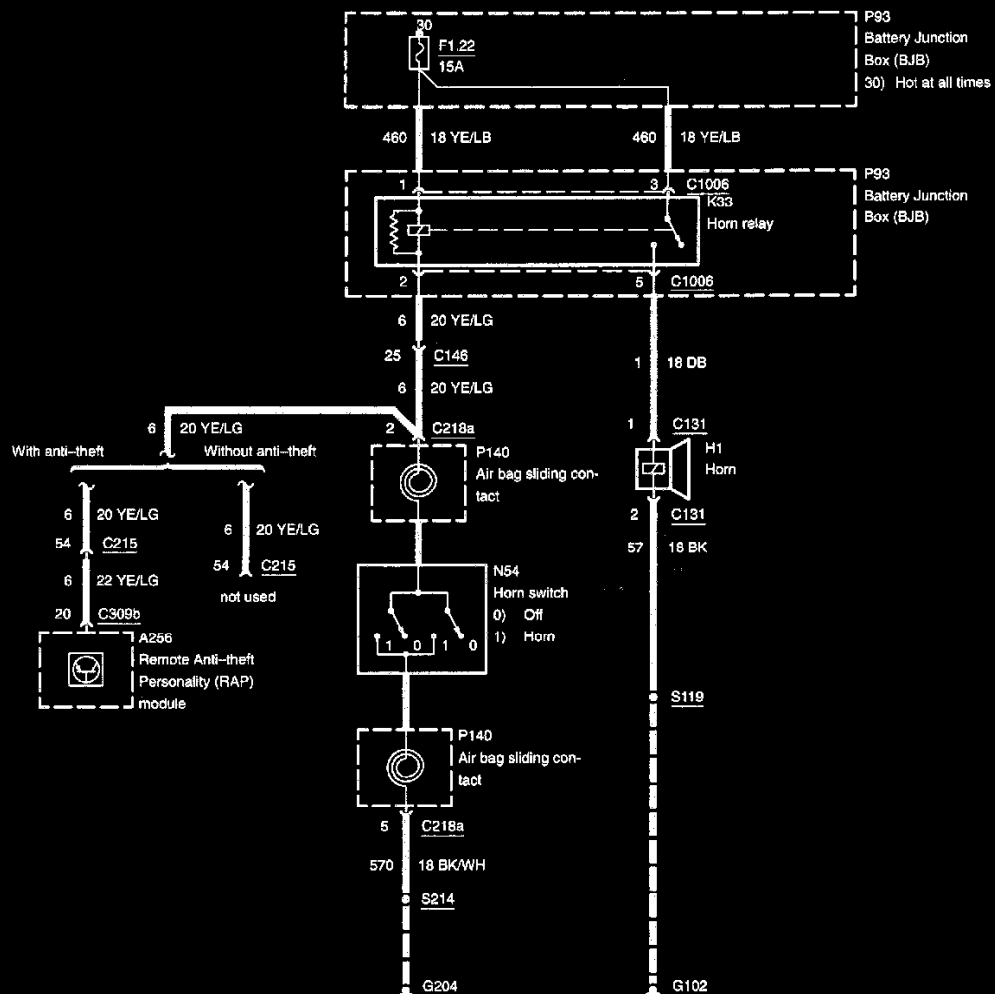
Early production, Without speed control

Diagram 413-06-00-1

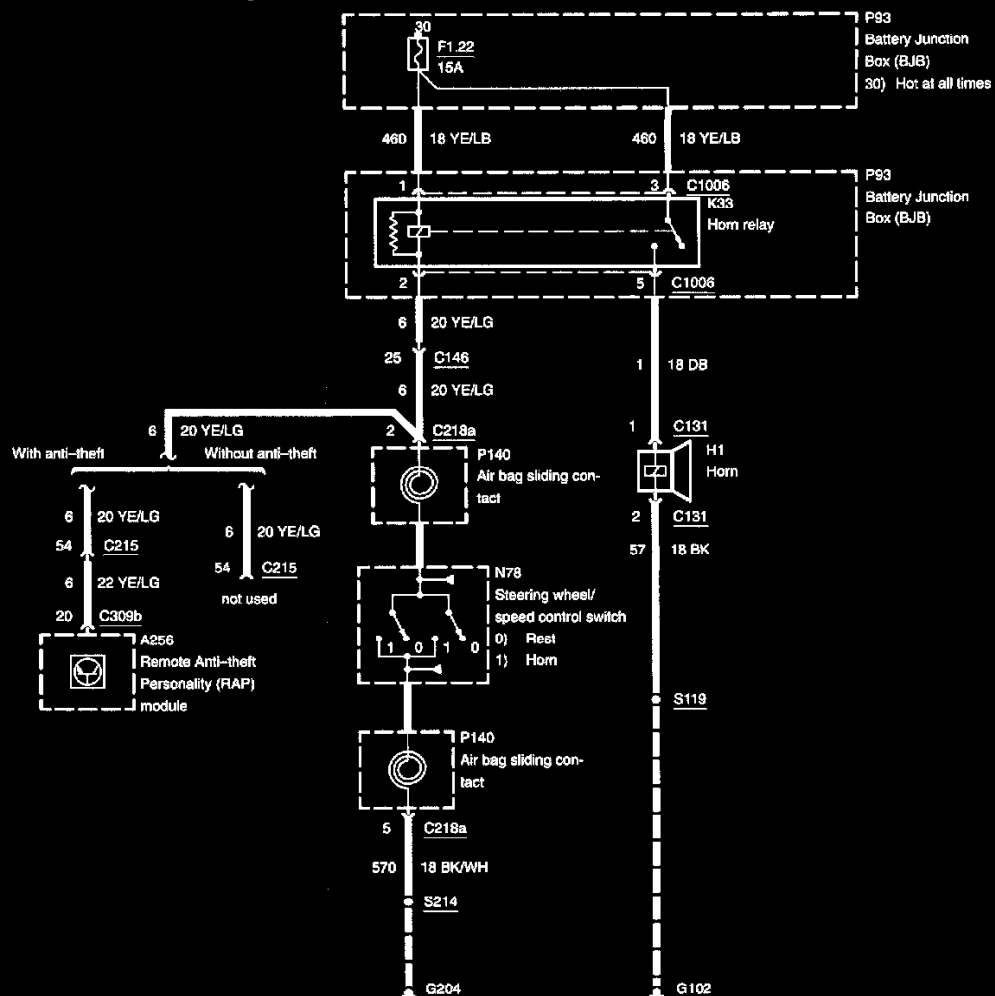
Early production, With speed control

Diagram 413-06-00-2

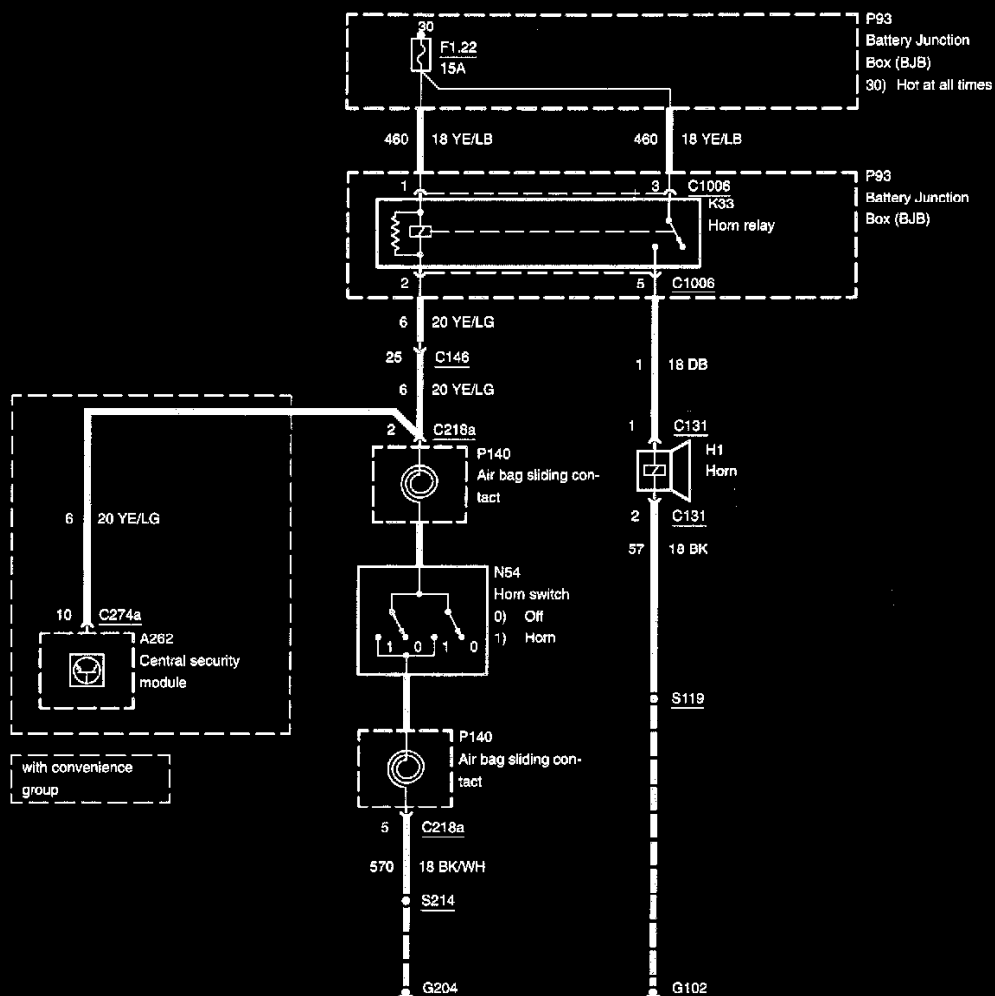
Late production, Without speed control

Diagram 413-06-00-3

Late production, With speed control

The diagram illustrates the wiring for the horn and air bag system in a late production vehicle with speed control. The main power source is the Battery Junction Box (BJB) at P93, which provides 30V (Hot at all times) to the system. The wiring is organized into several functional sections:

- Power Distribution:** The 30V line passes through a 15A fuse (F1.22) and splits into two 18 YE/LB wires. One wire goes to the horn relay (K39) and the other to the horn (H1).
- Horn Relay and Horn:** The horn relay (K39) is controlled by the horn (H1) through a C1006 contact. The horn (H1) is connected to the 18 DB wire, which then goes to the 16 BK wire (S119).
- Air Bag Sliding Contact:** The air bag sliding contact (P140) is connected to the 20 YE/LG wire, which then goes to the 20 YE/LG wire (S214).
- Steering Wheel/Speed Control Switch:** The steering wheel/speed control switch (N78) is connected to the 20 YE/LG wire, which then goes to the 18 BK/WH wire (G204).
- Central Security Module:** The central security module (A262) is connected to the 20 YE/LG wire through a C274a contact. The module is also connected to the 10V wire (S119).
- Convenience Group:** A convenience group is connected to the 20 YE/LG wire through a C218a contact.

The diagram uses standard automotive wiring symbols and color codes (YE/LB, YE/LG, BK/WH, DB, BK, WH) to identify the wires. The components are labeled with their respective part numbers and descriptions.

Diagram 413-06-00-4

Sport Trac, Early production

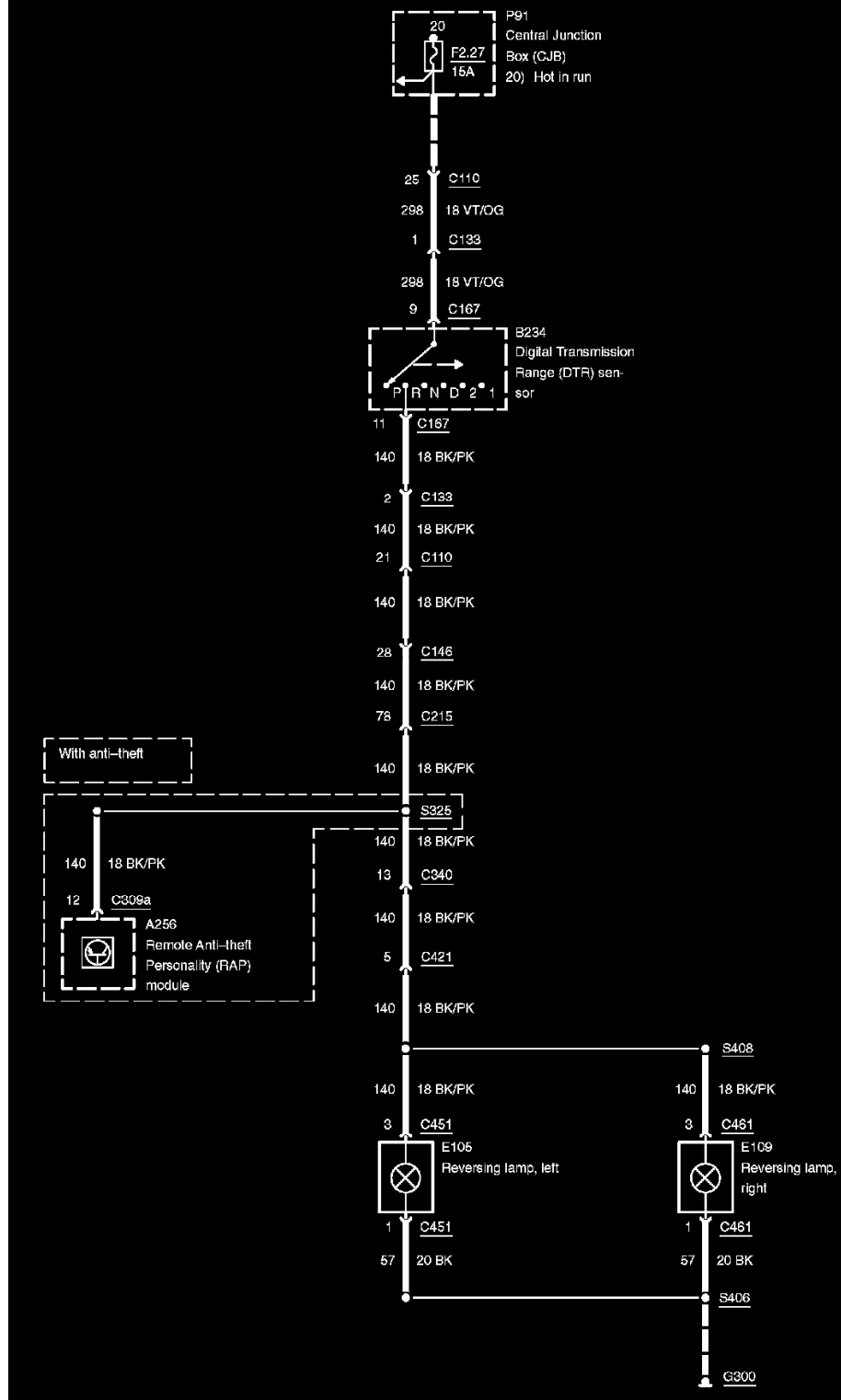


Diagram 417-01-00-17

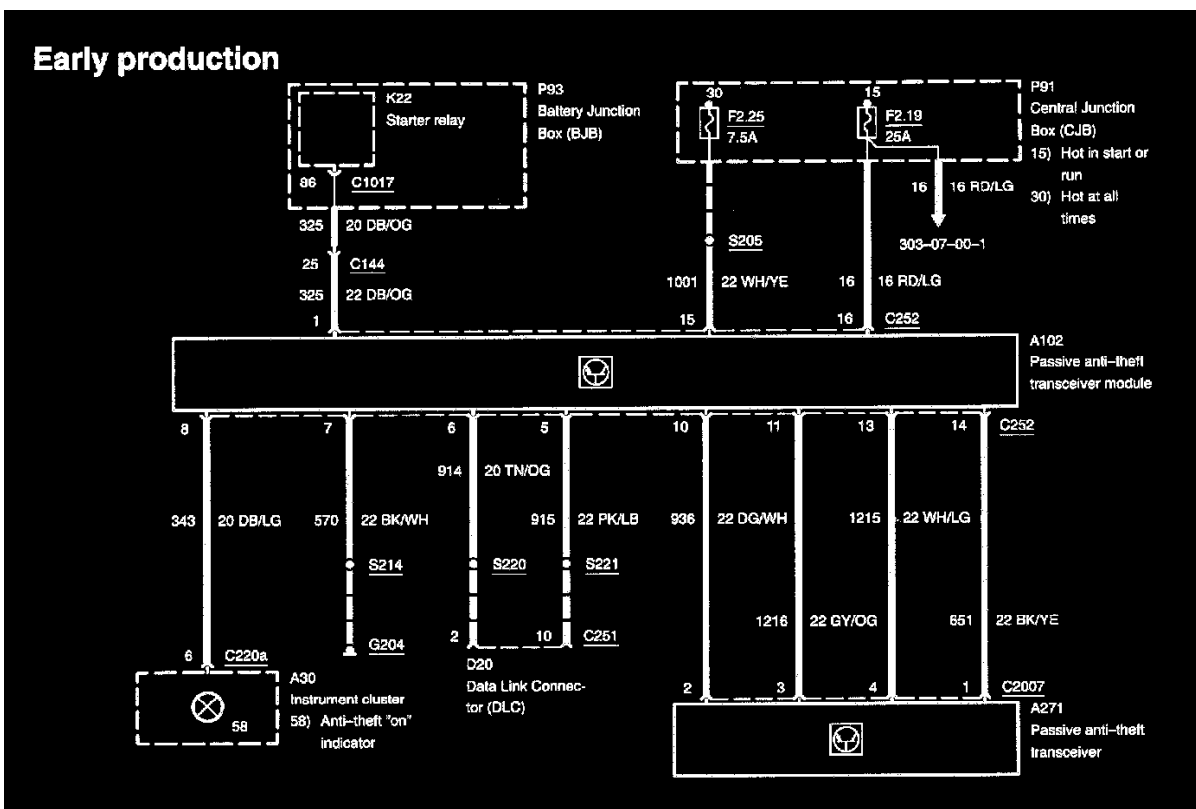


Diagram 419-01b-00-1

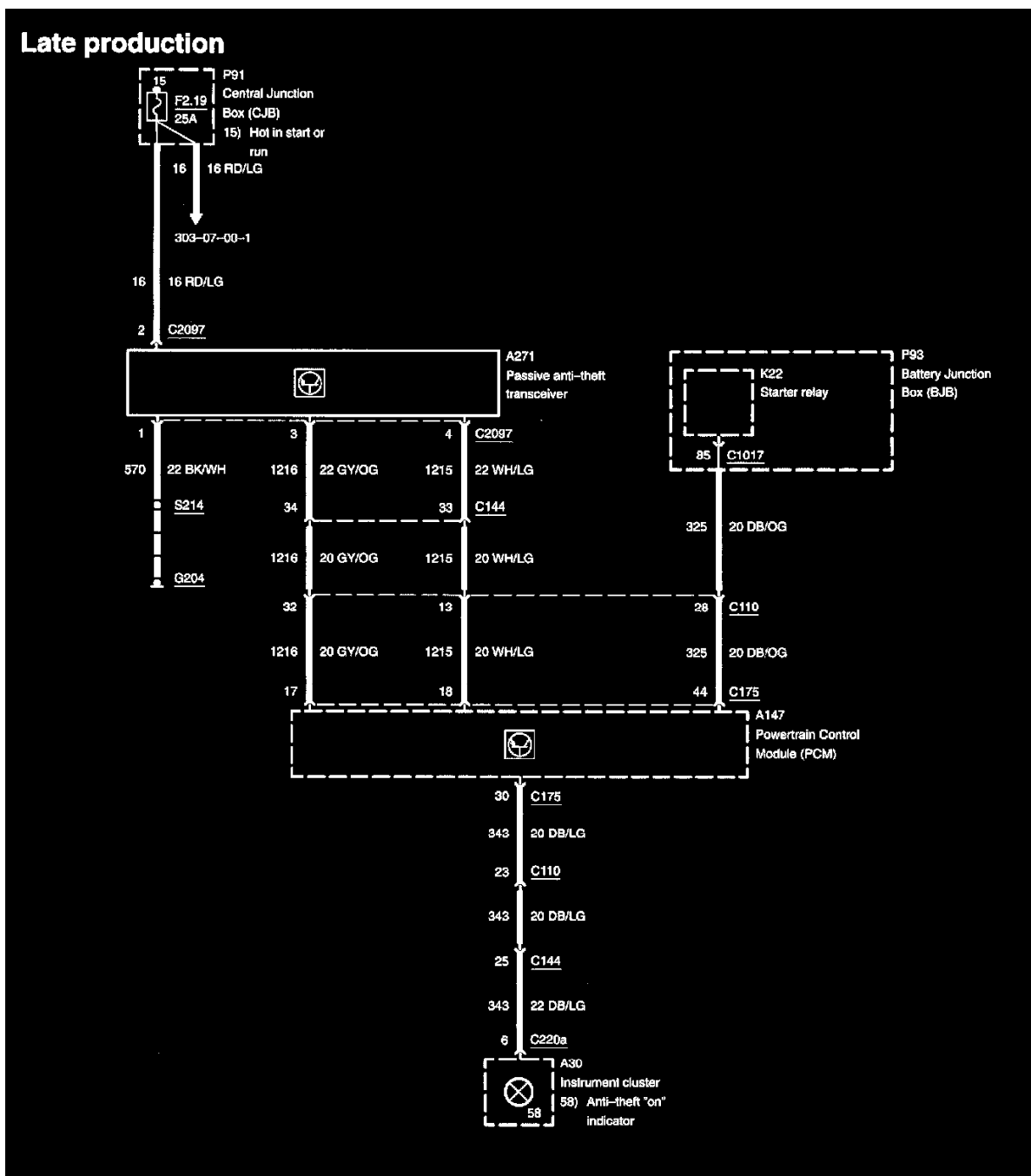


Diagram 419-01b-00-2

RELATED DIAGRAM

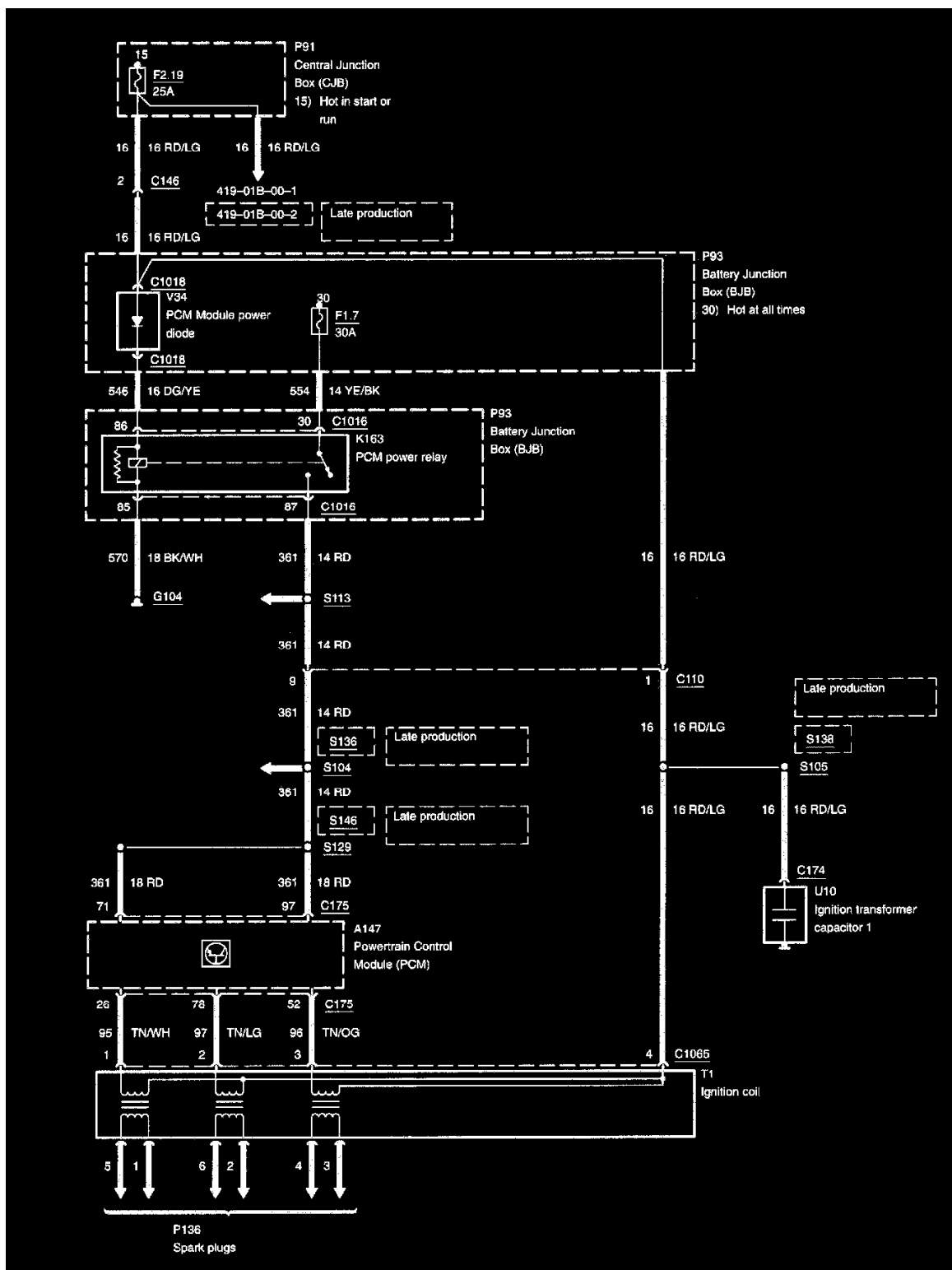


Diagram 303-07-00-1



Diagram 206-00-00-1



Diagram 206-09-00-1

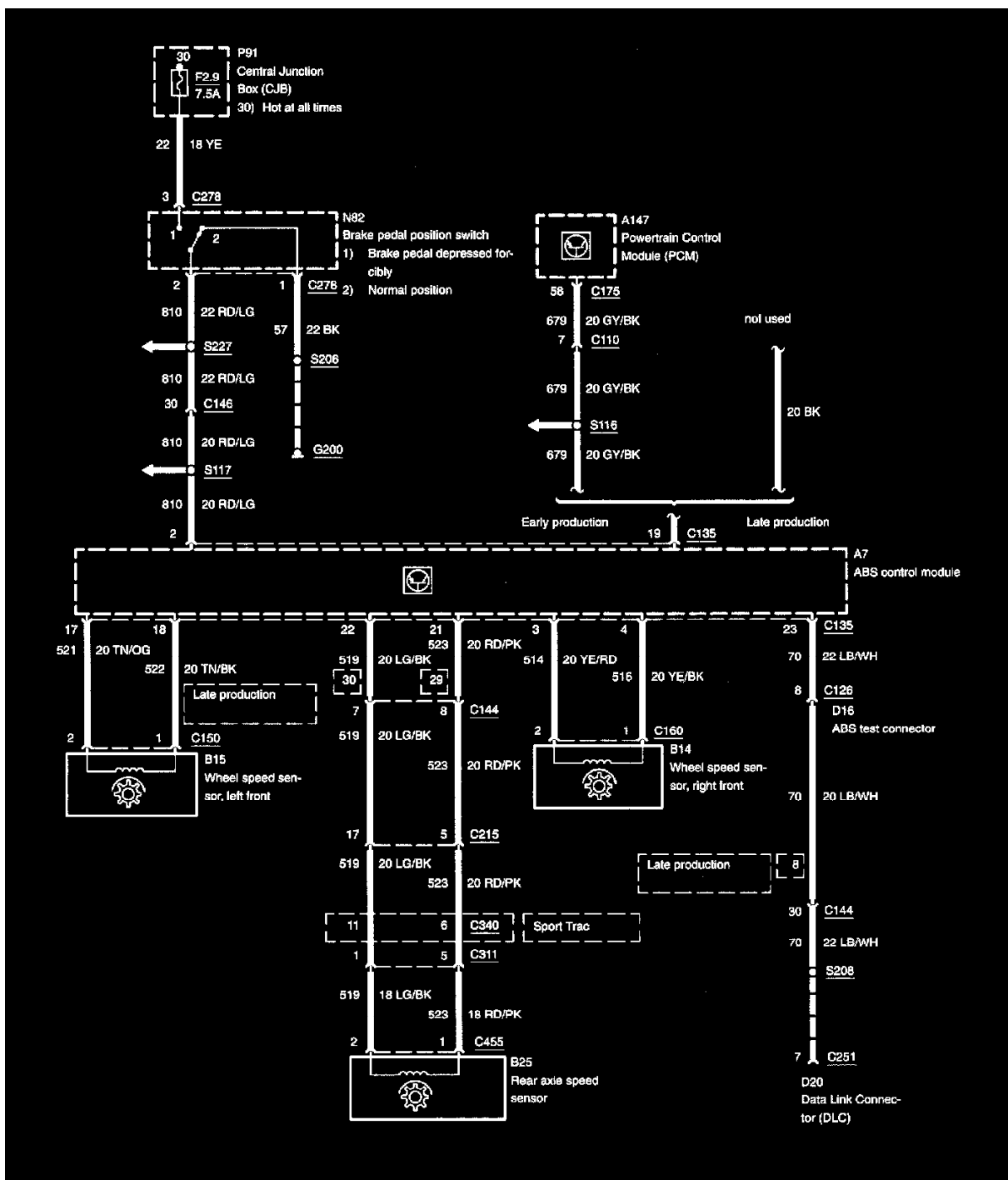


Diagram 206-09-00-2

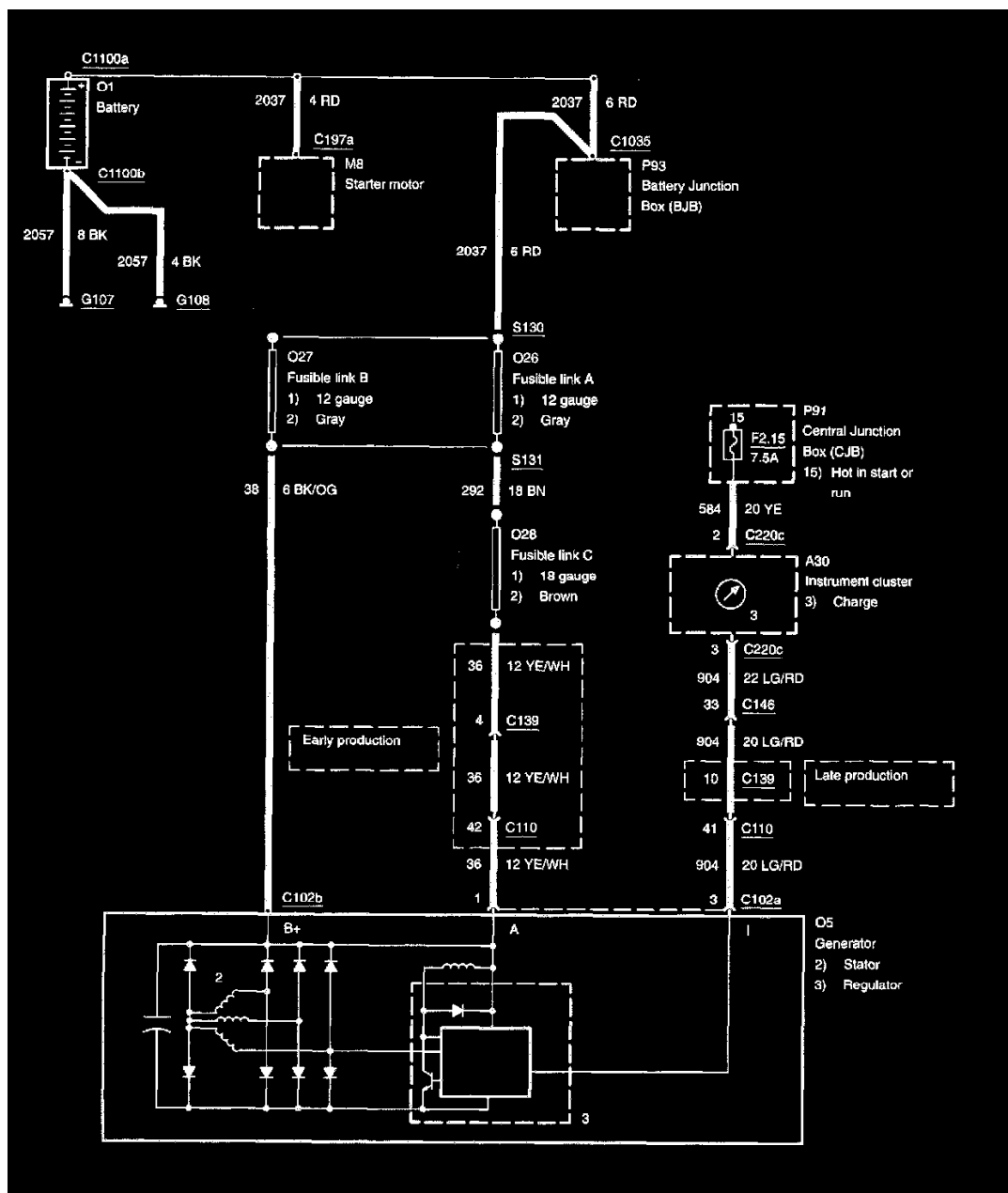


Diagram 414-00-00-1

Alternator

For information regarding diagrams for this component, please refer to Charging System Diagrams. See: Starting and Charging/Charging System/Diagrams/Electrical Diagrams

Cruise Control

DETAILED DIAGRAMS

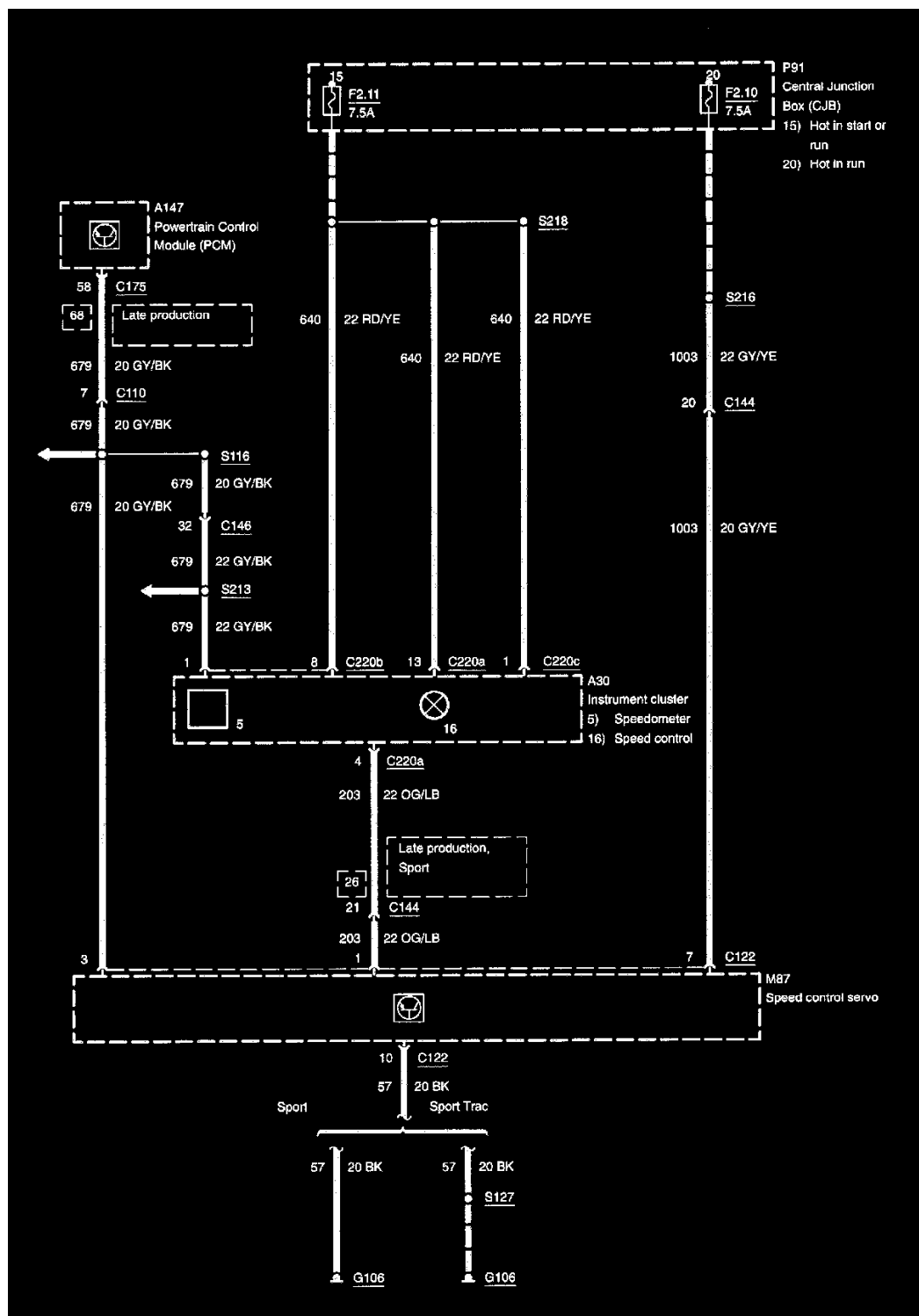


Diagram 310-03-00-1

Early production

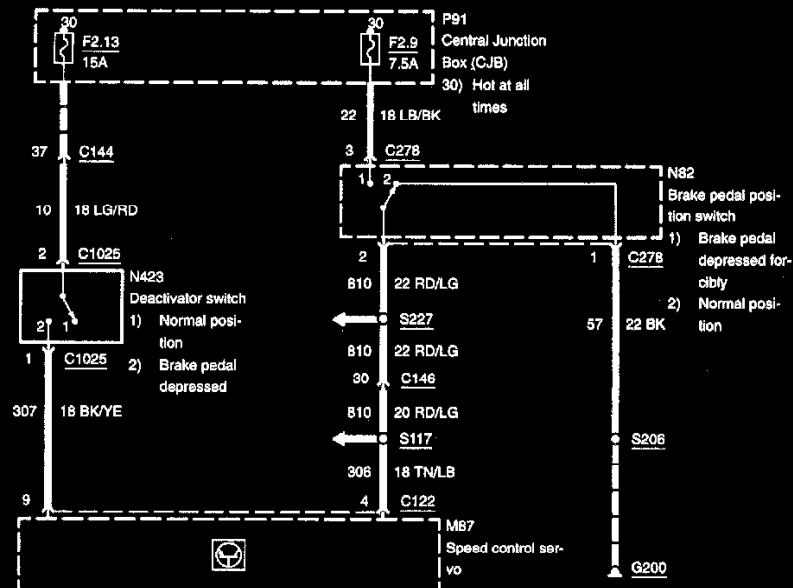


Diagram 310-03-00-2

Late production

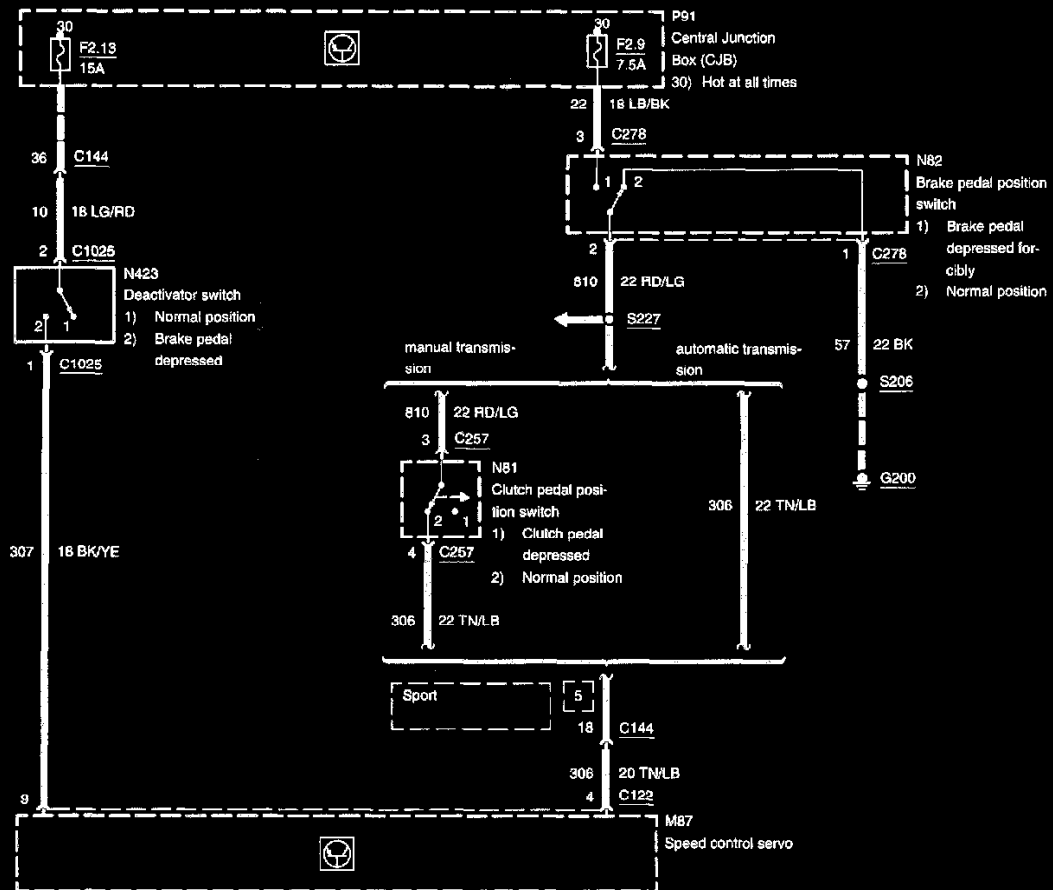
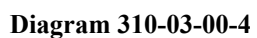


Diagram 310-03-00-3



RELATED DIAGRAMS

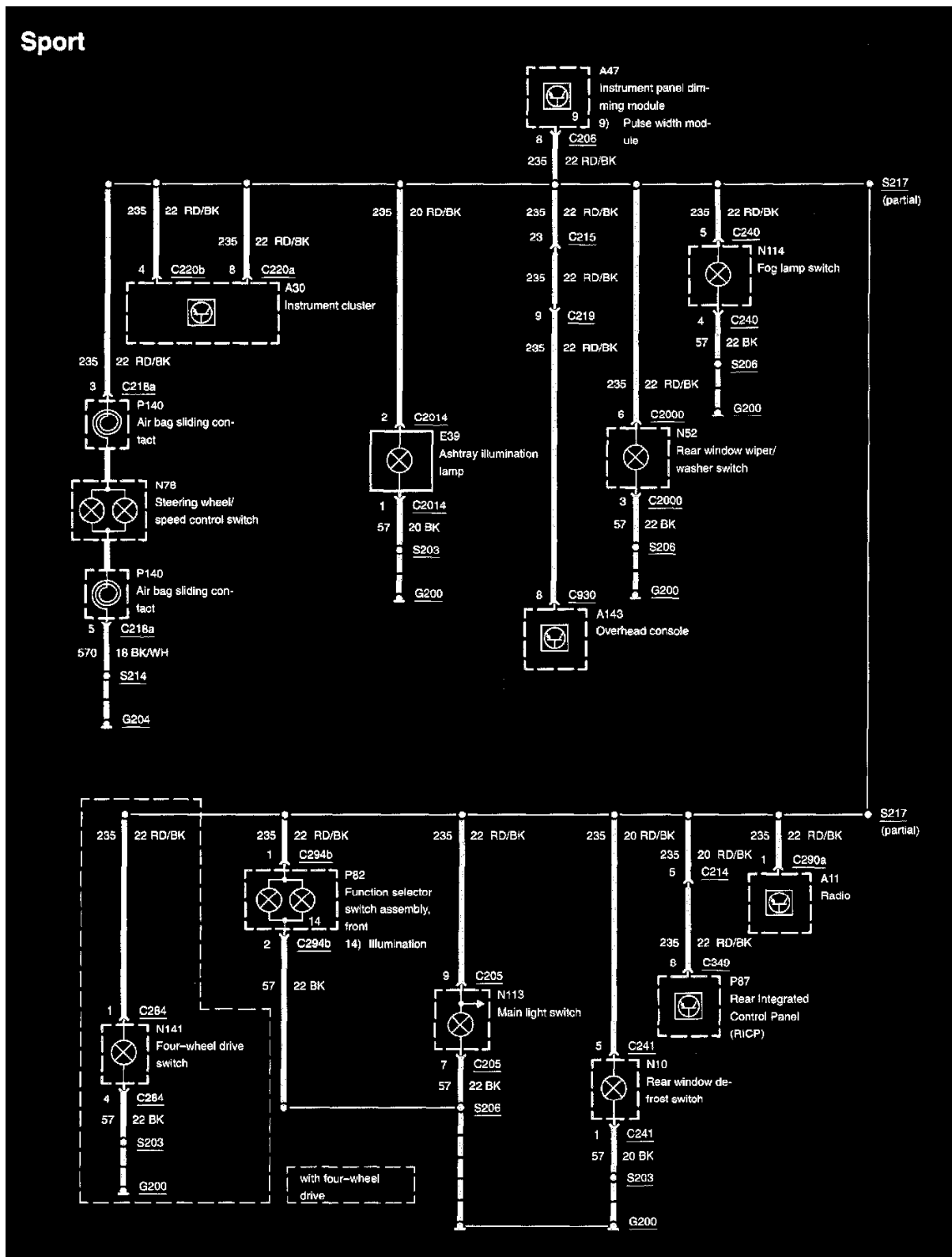


Diagram 413-00-00-3

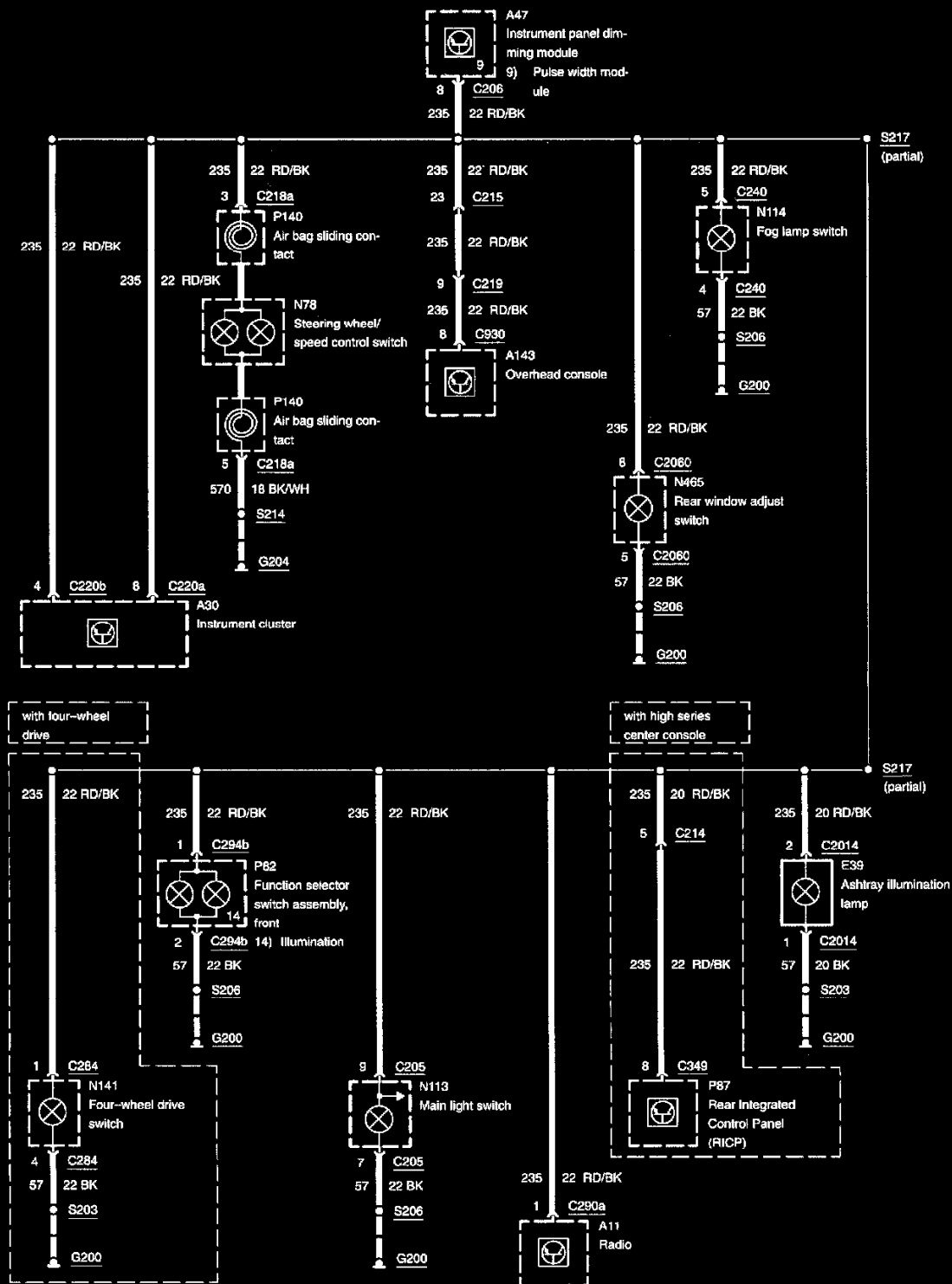
Sport Trac

Diagram 413-00-00-6

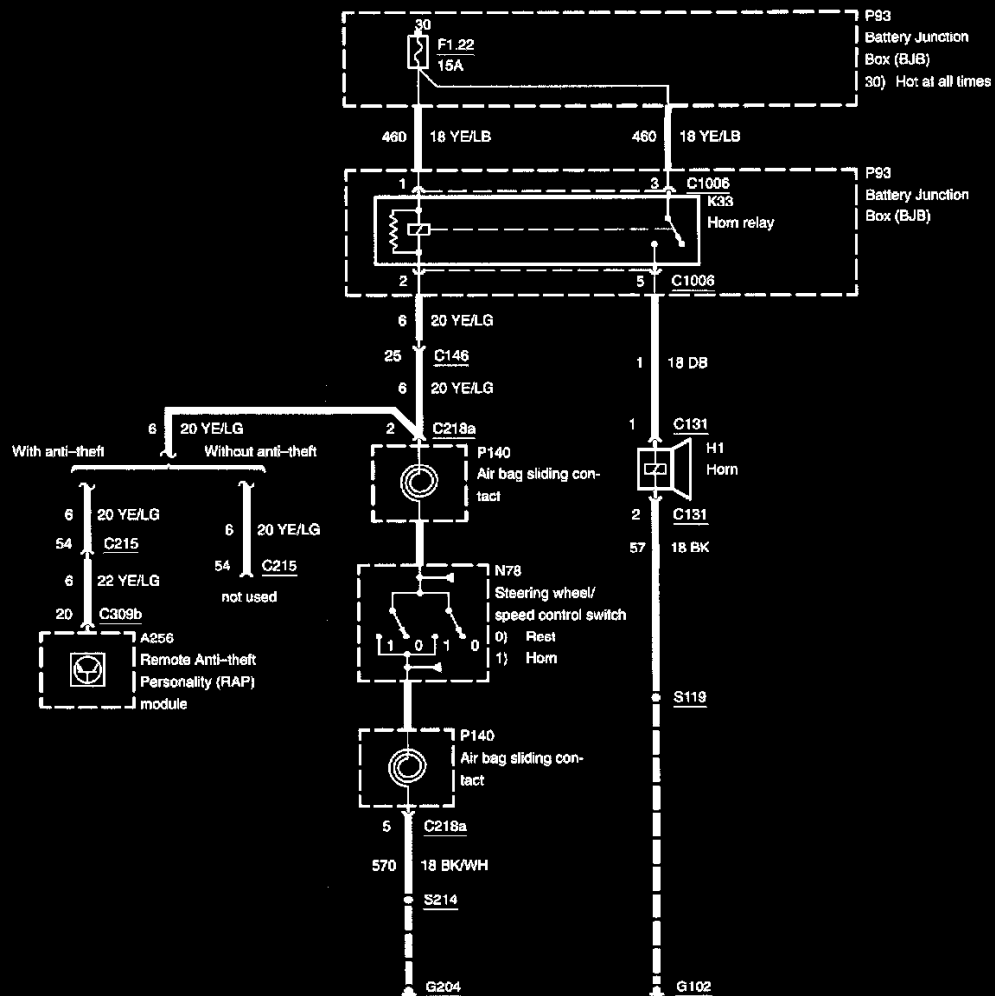
Early production, With speed control

Diagram 413-06-00-2

Late production, With speed control

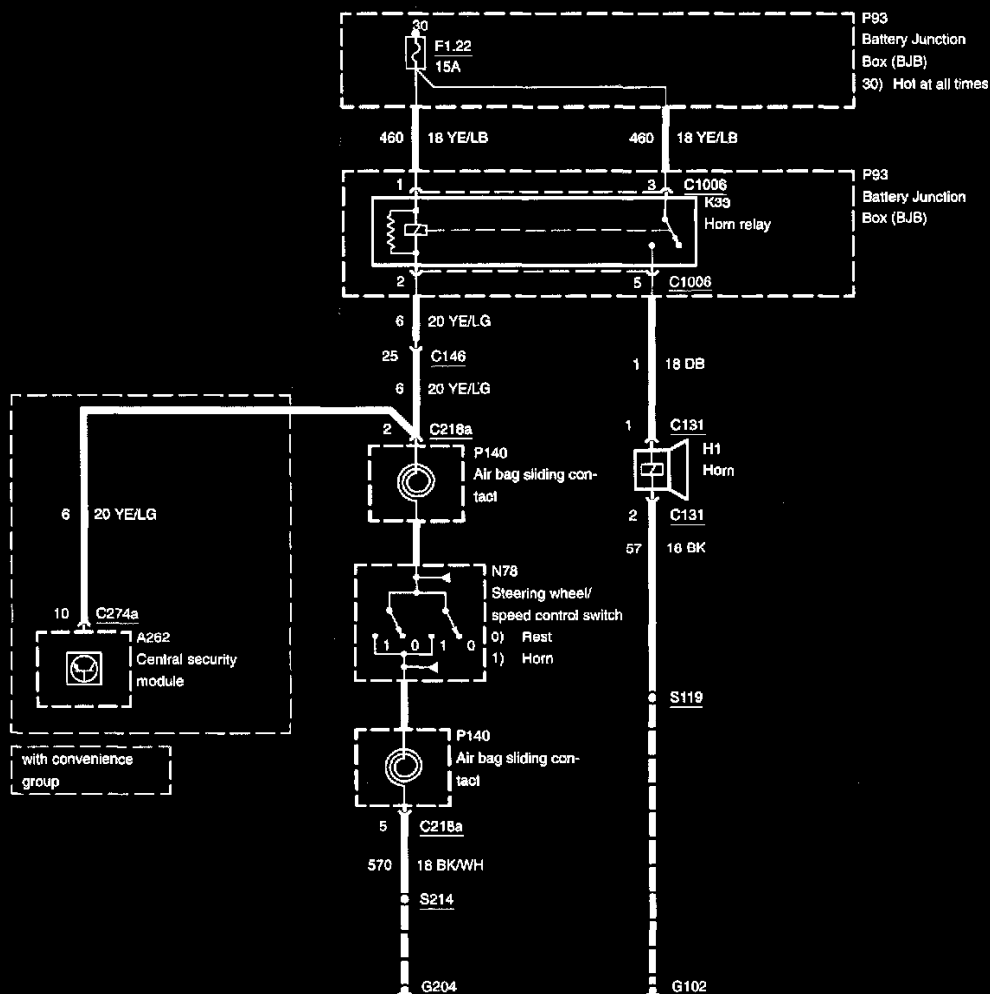


Diagram 413-06-00-4

General Module

Early production

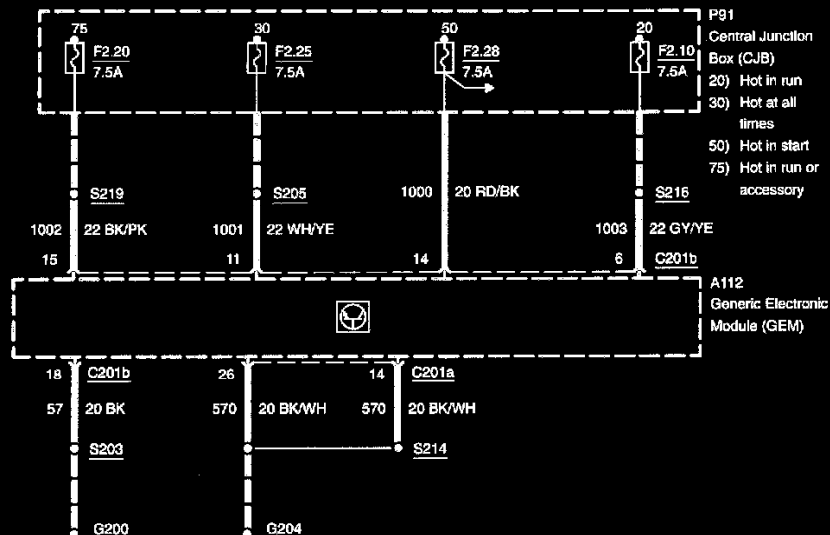


Diagram 419-10-00-1

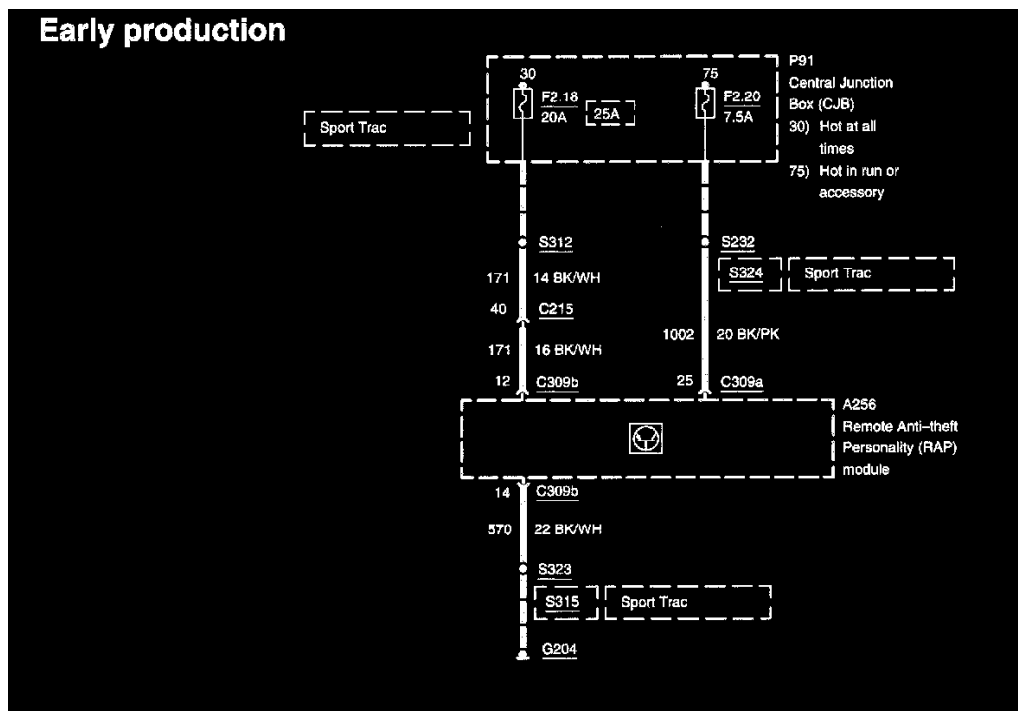


Diagram 419-10-00-2

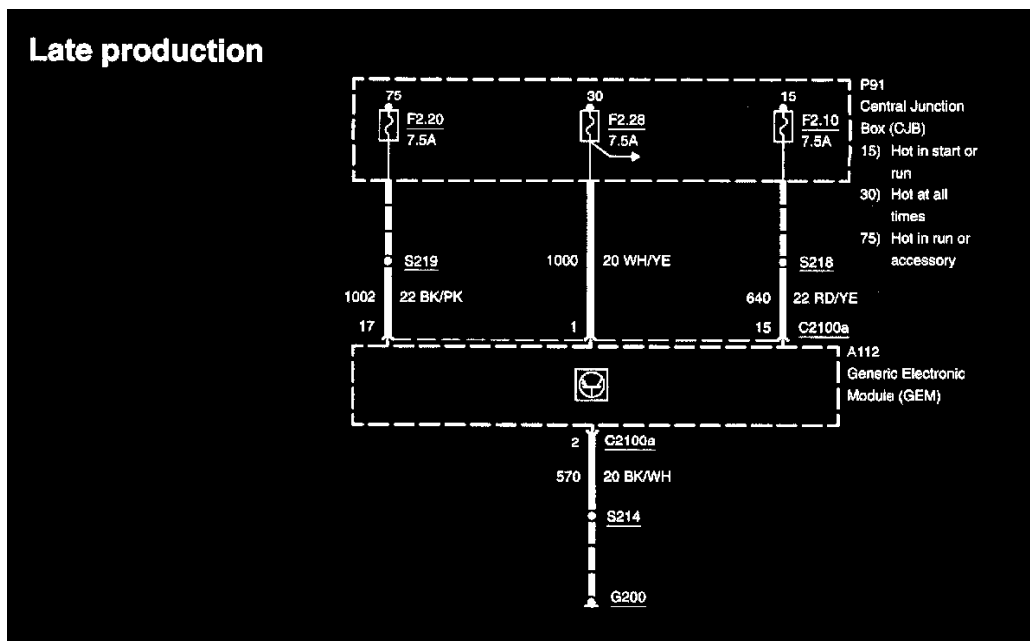


Diagram 419-10-00-3

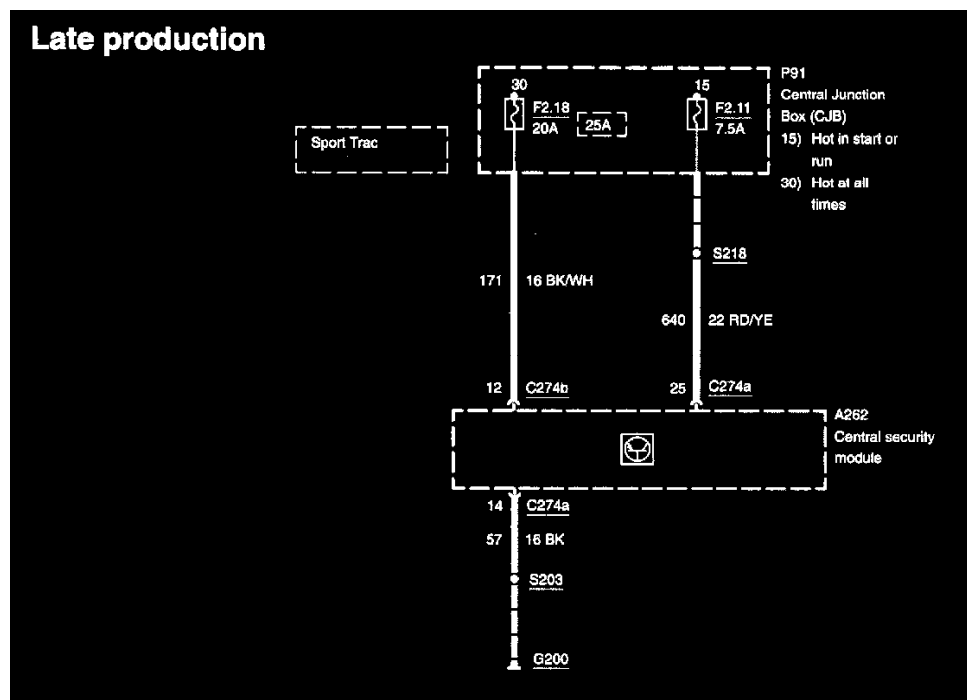


Diagram 419-10-00-4

System Diagram

DETAILED DIAGRAMS

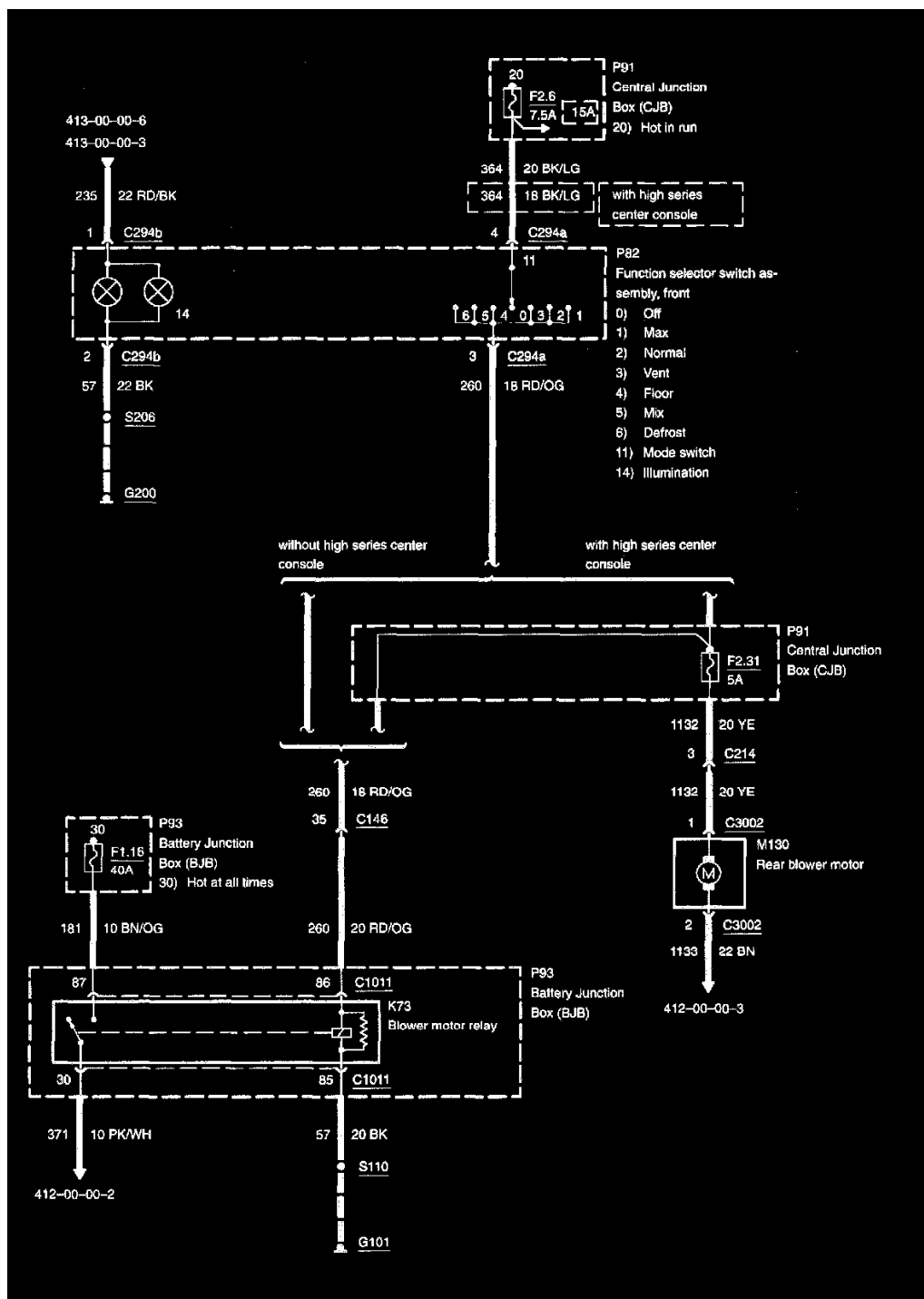


Diagram 412-00-00-1

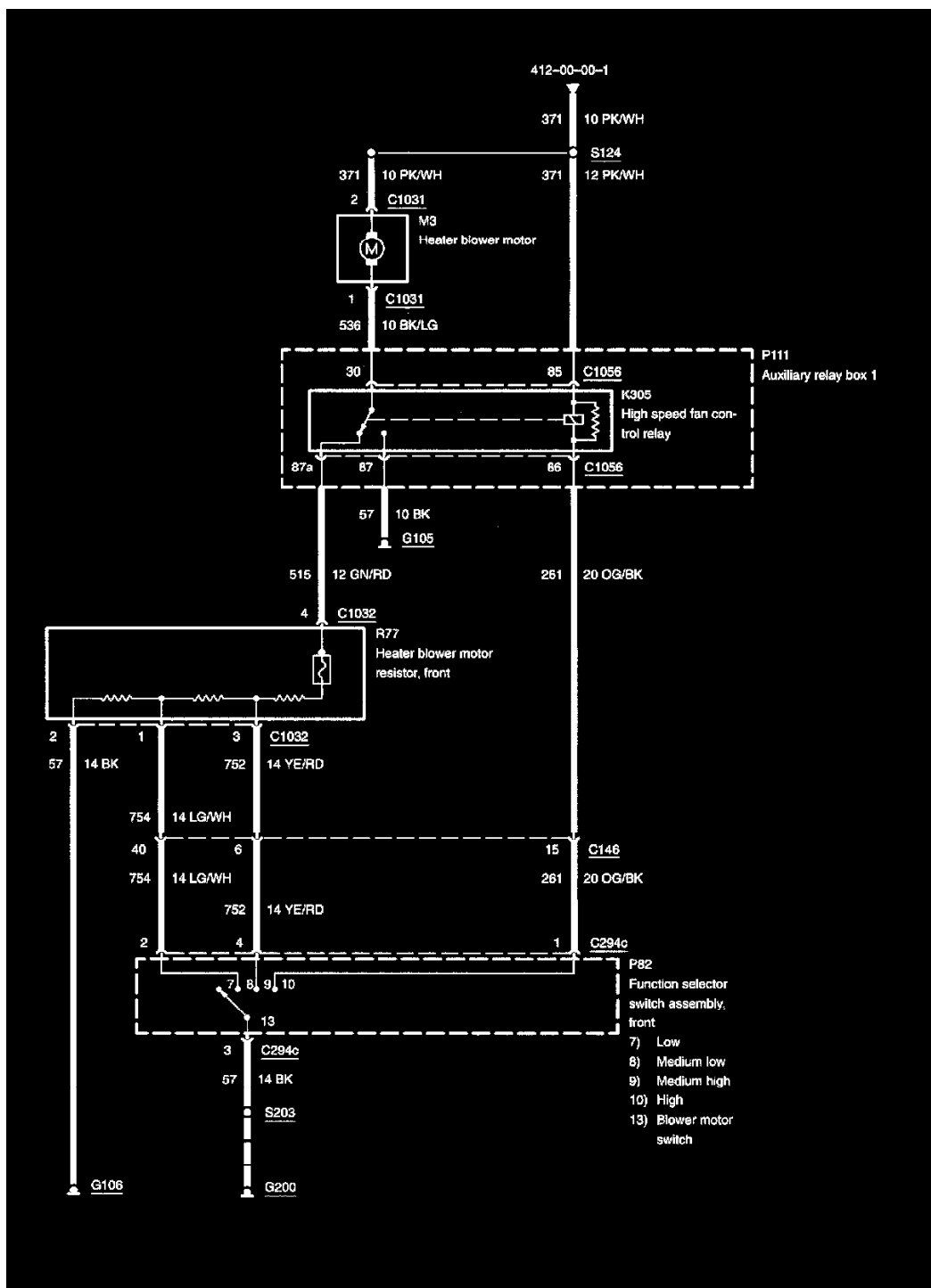


Diagram 412-00-00-2

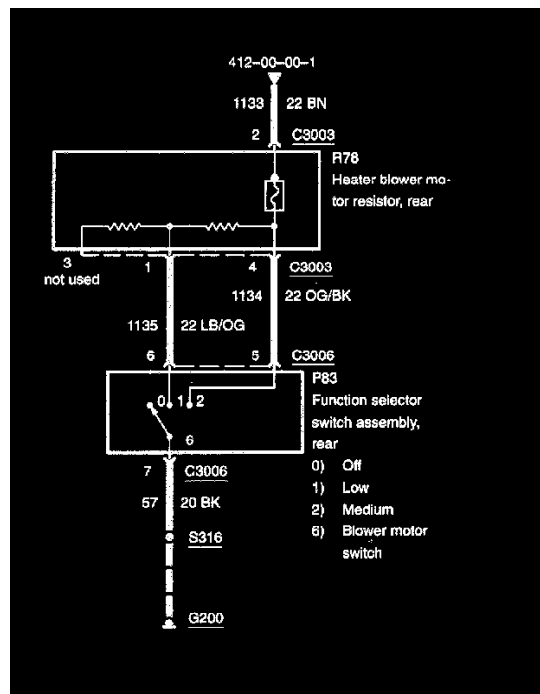
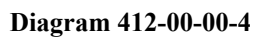


Diagram 412-00-00-3



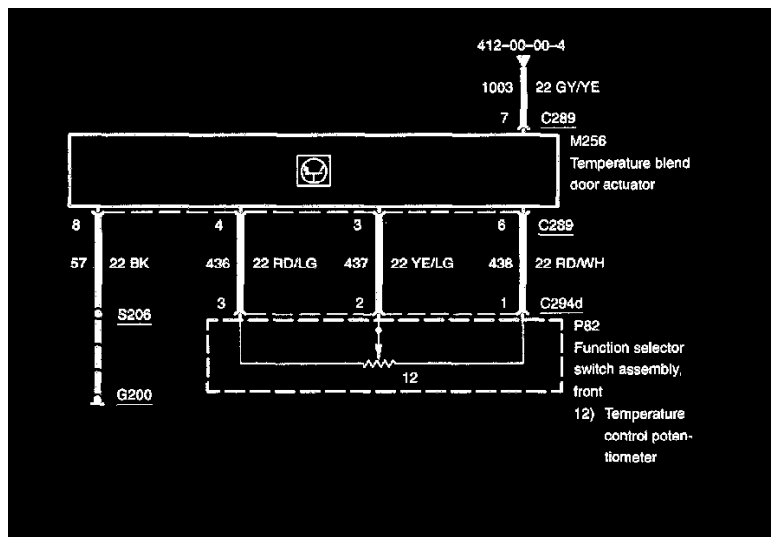


Diagram 412-00-00-5

RELATED DIAGRAMS

Sport

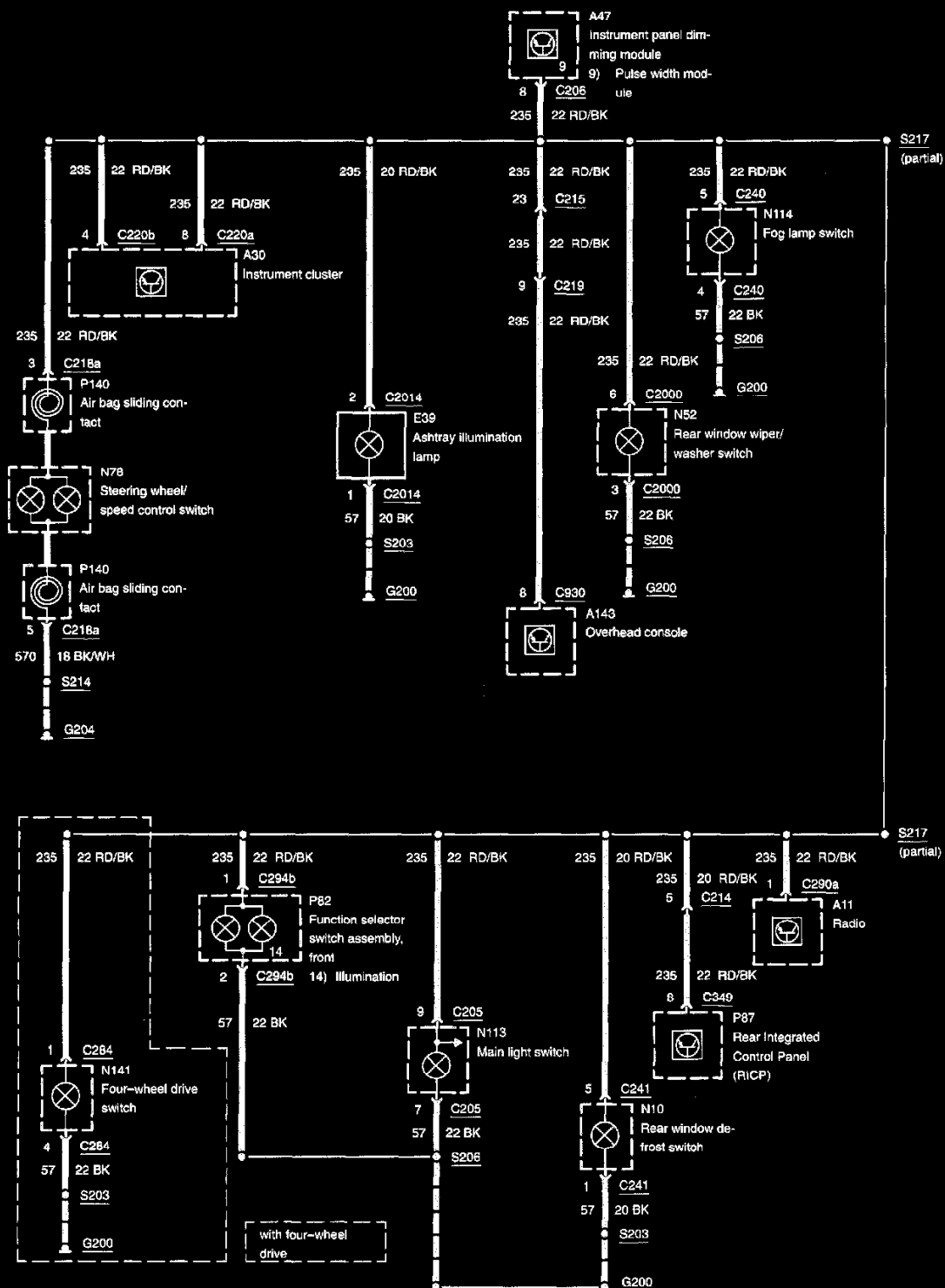


Diagram 413-00-00-3

Diagram 413-00-00-6

Blower Motor

DETAILED DIAGRAMS

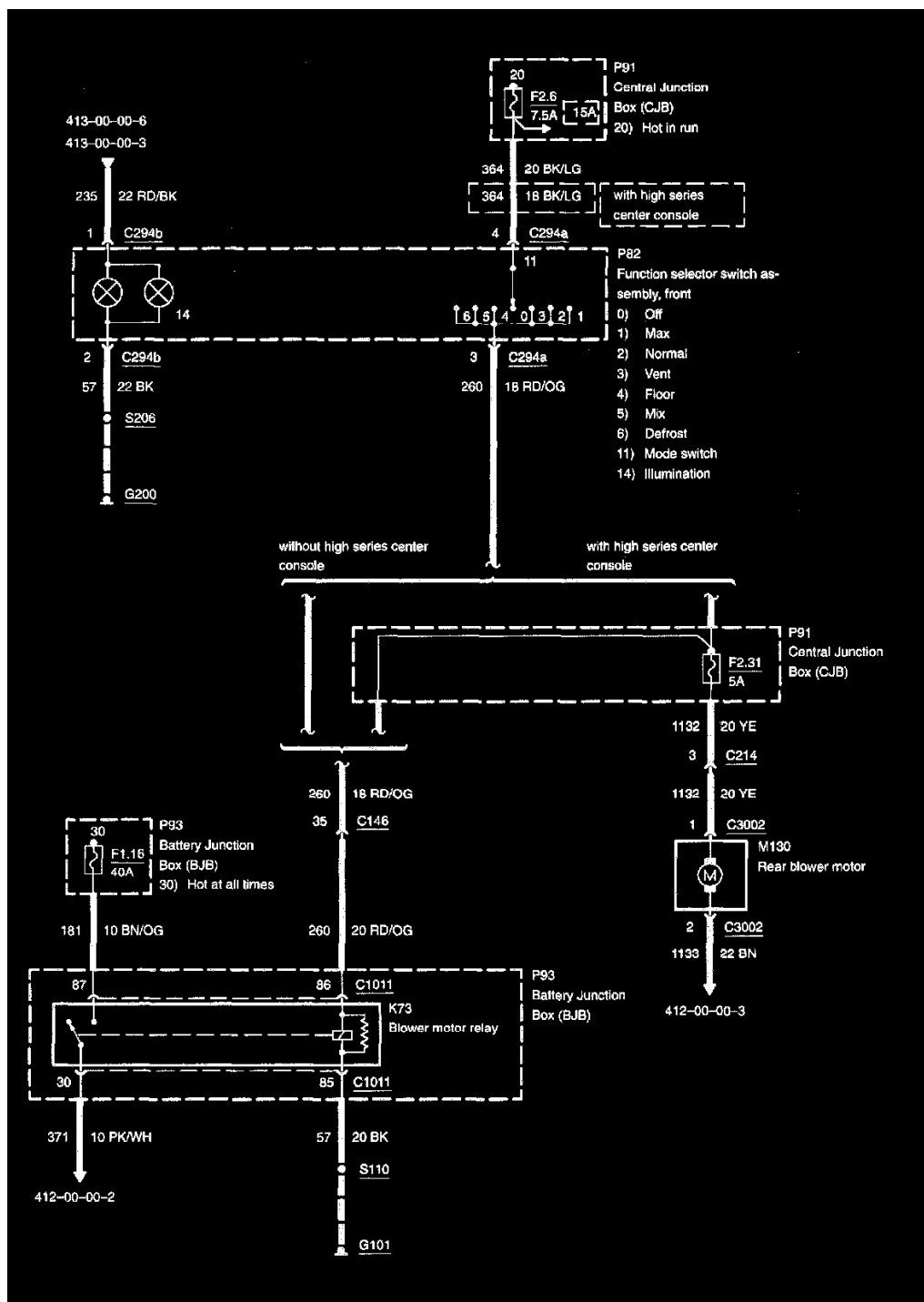


Diagram 412-00-00-1

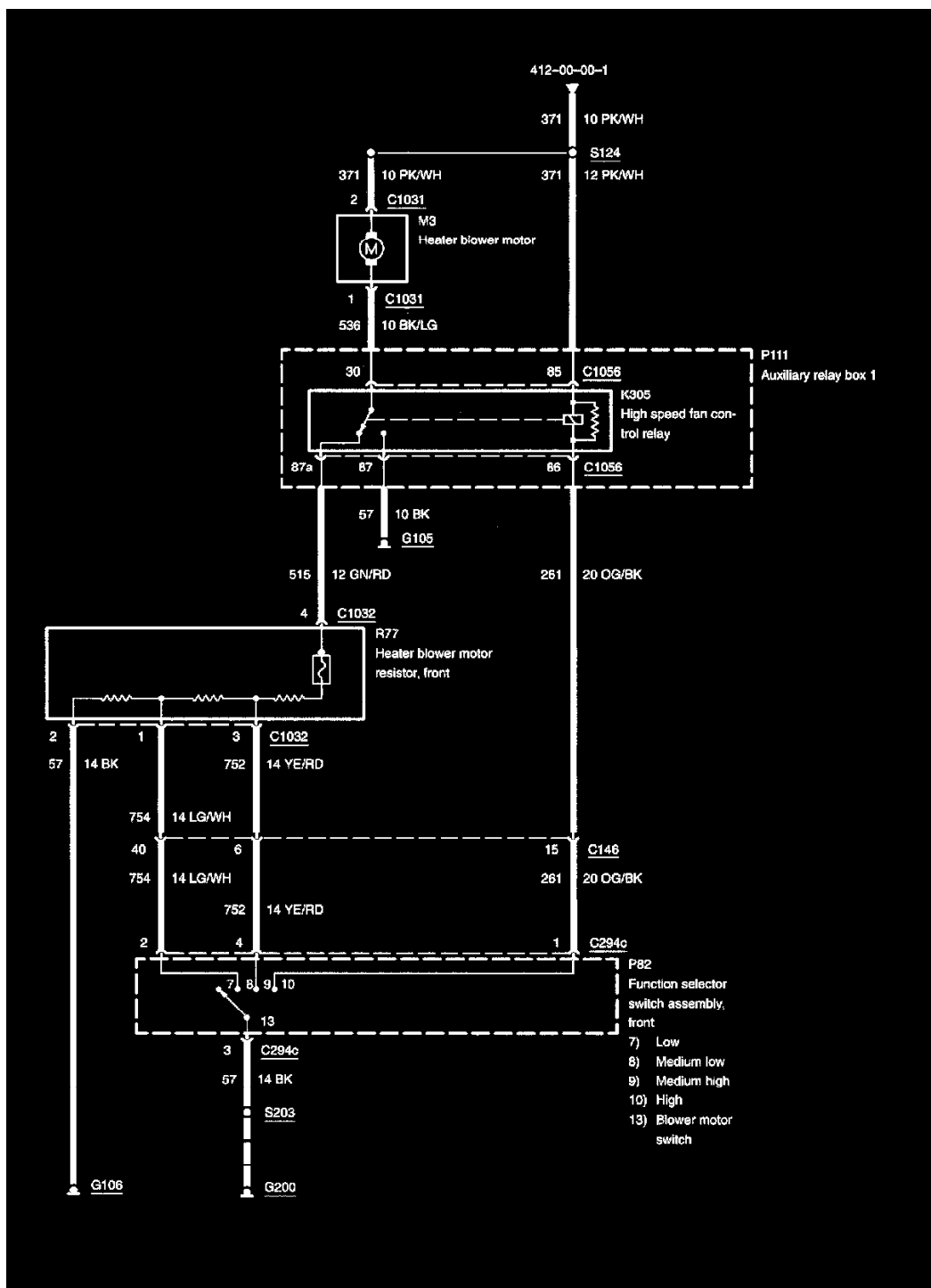


Diagram 412-00-00-2

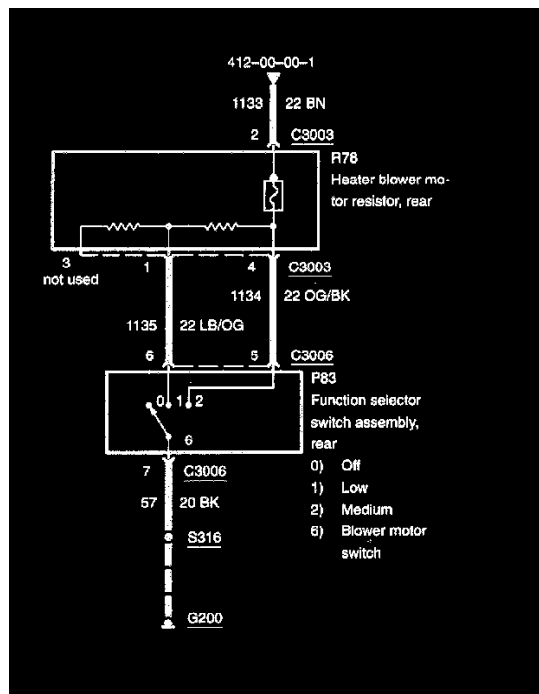
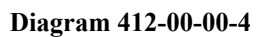


Diagram 412-00-00-3



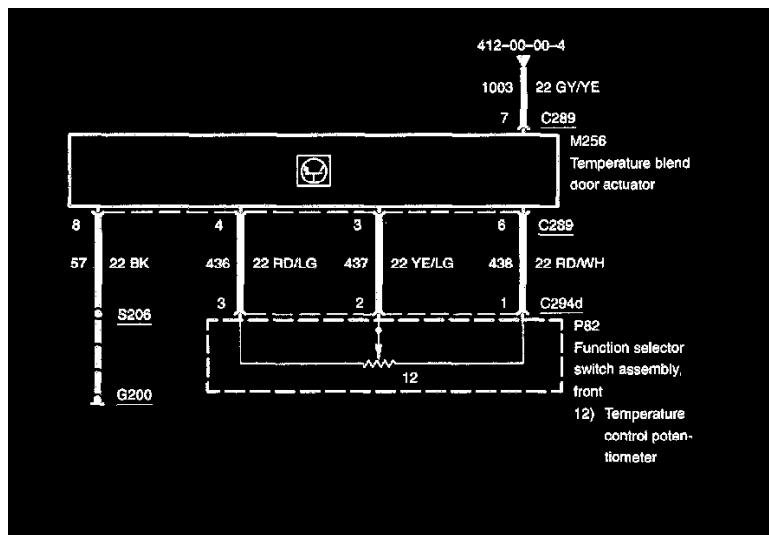


Diagram 412-00-00-5

RELATED DIAGRAMS

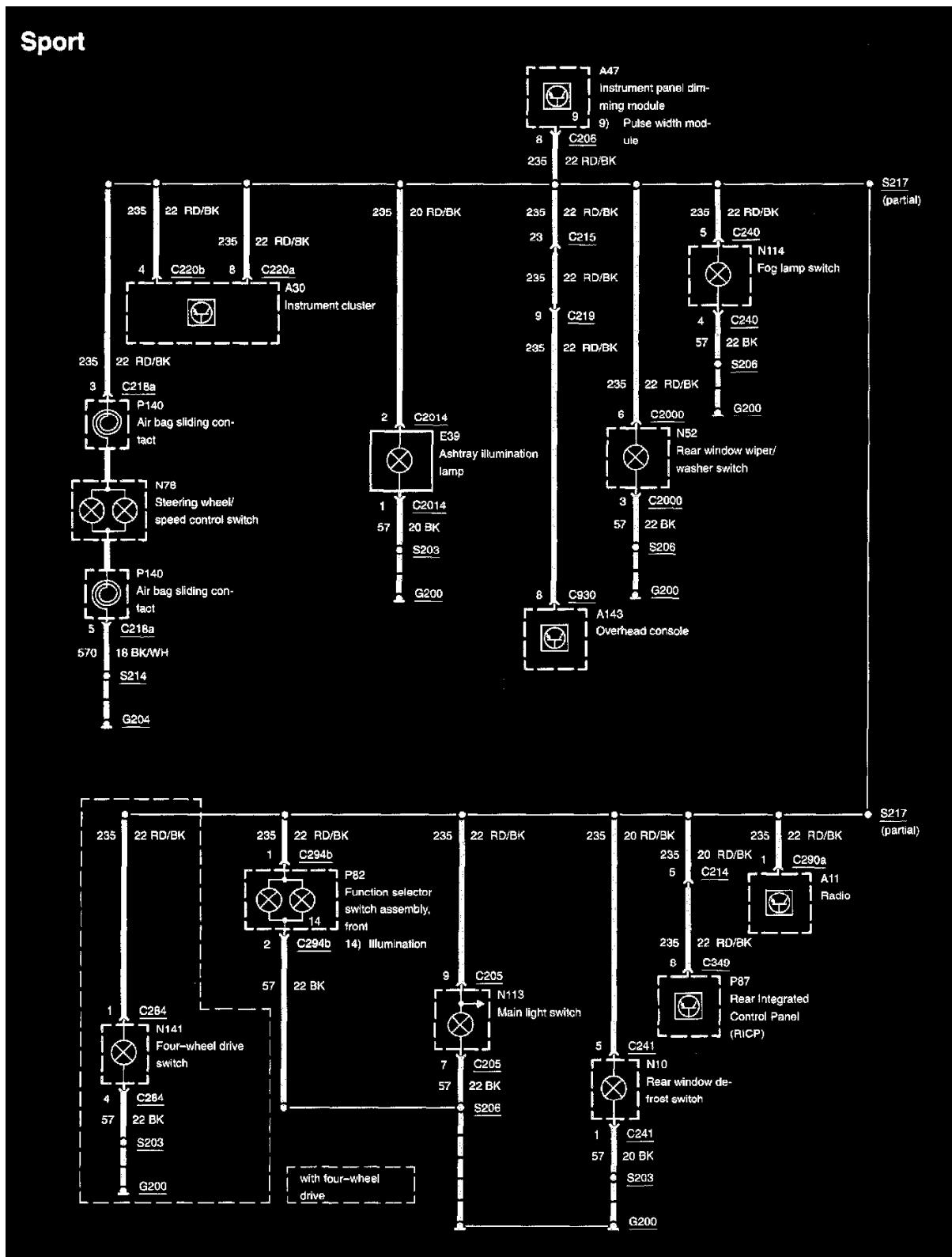


Diagram 413-00-00-3

Diagram 413-00-00-6

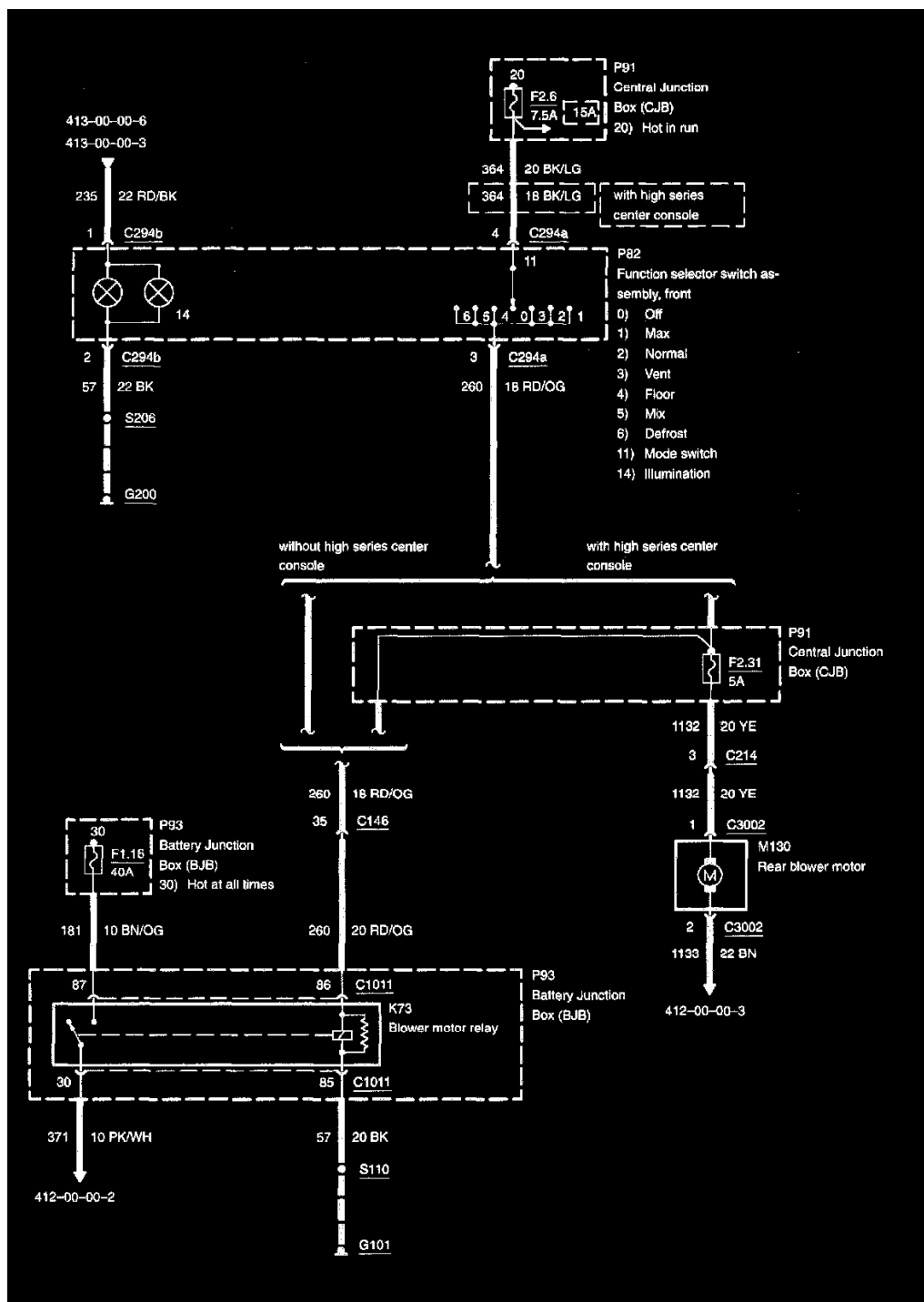


Diagram 412-00-00-1

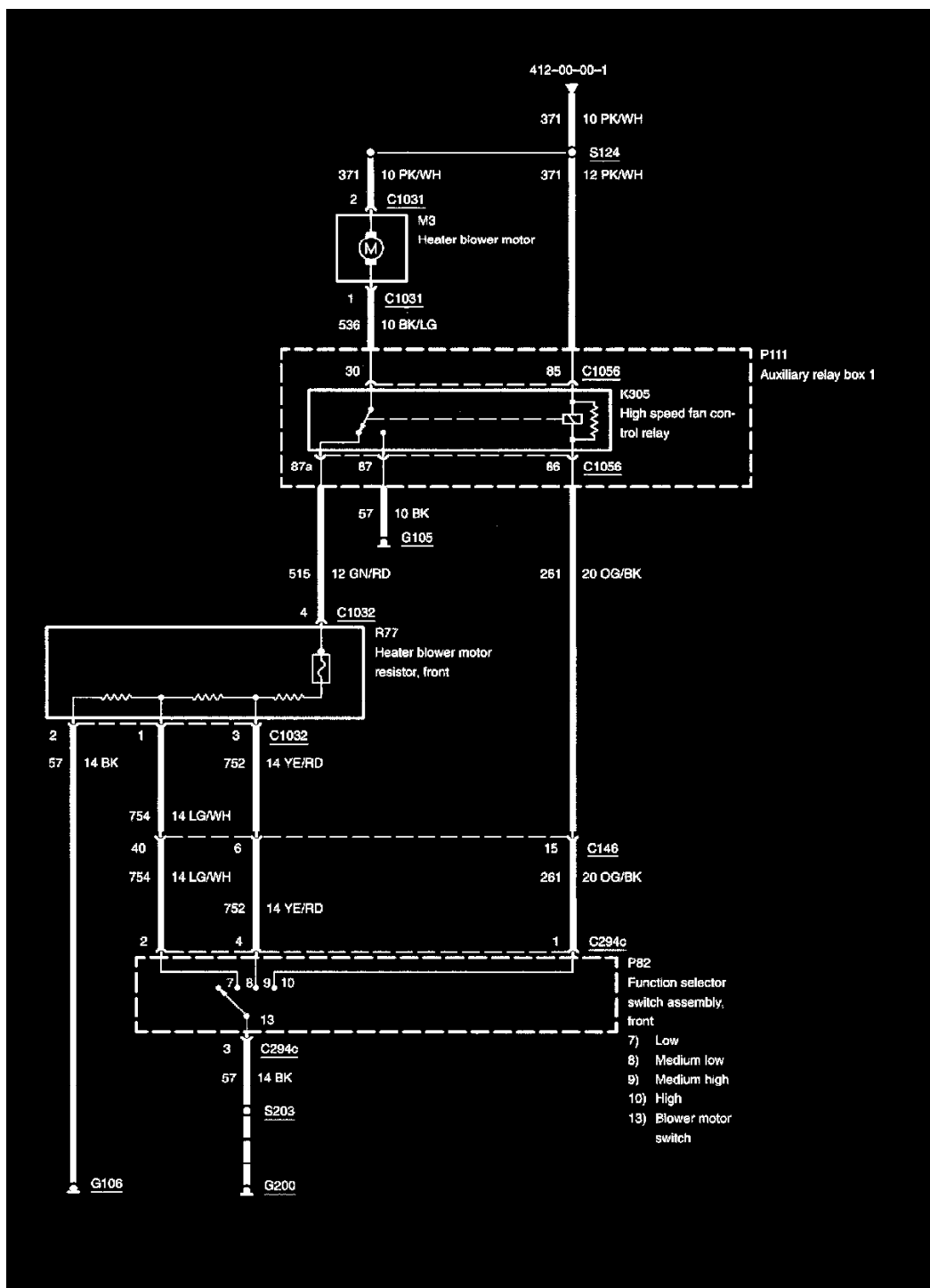


Diagram 412-00-00-2

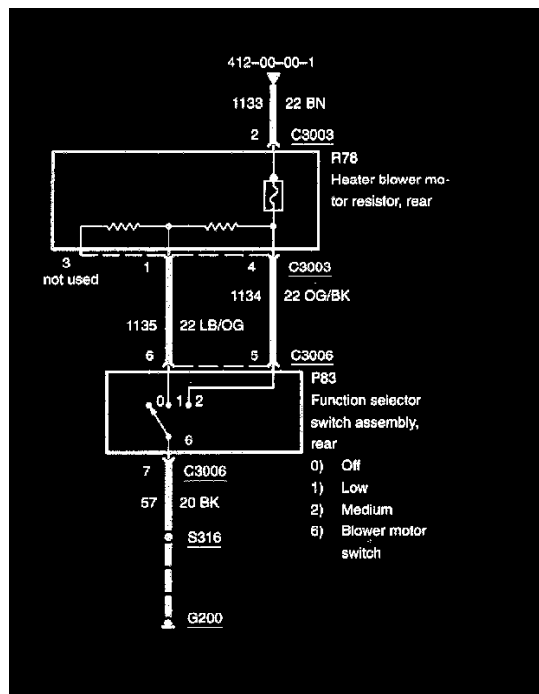
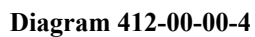


Diagram 412-00-00-3



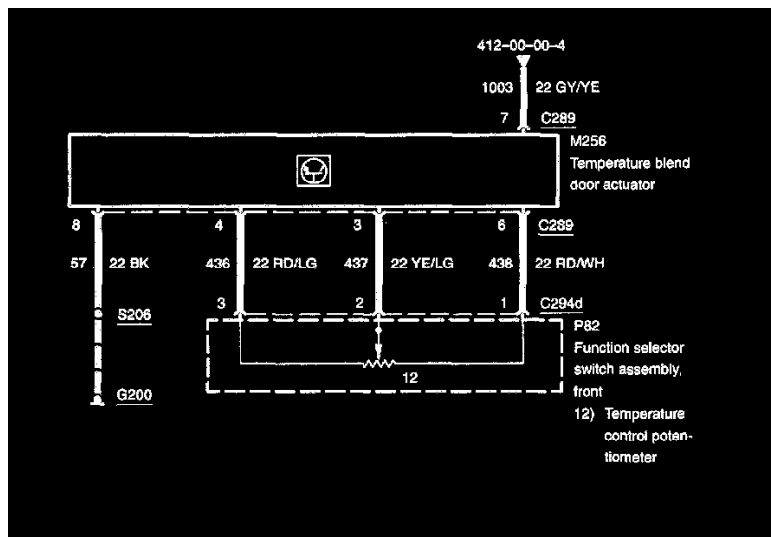


Diagram 412-00-00-5

RELATED DIAGRAMS

Diagram 413-00-00-3

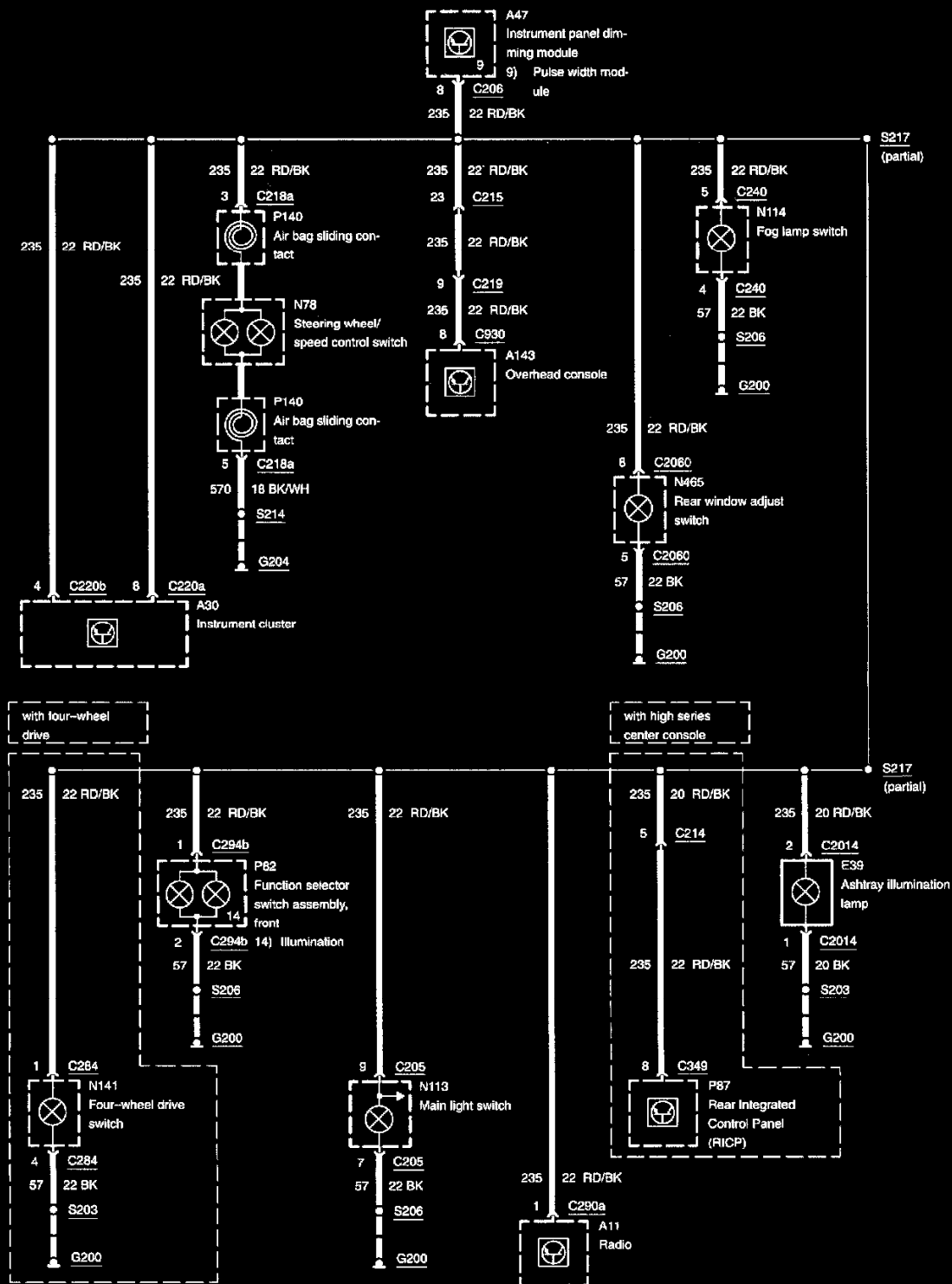
Sport Trac

Diagram 413-00-00-6

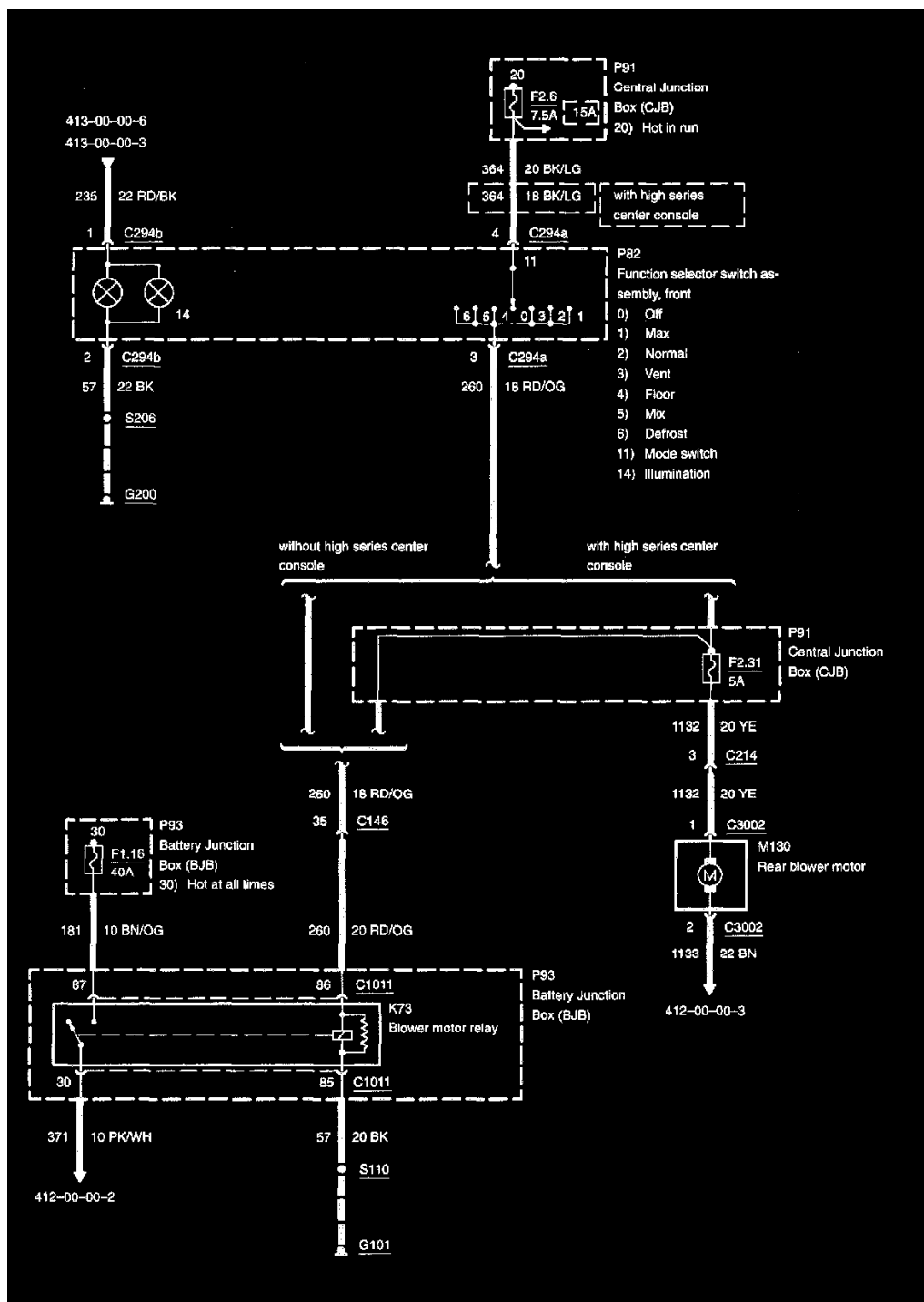


Diagram 412-00-00-1

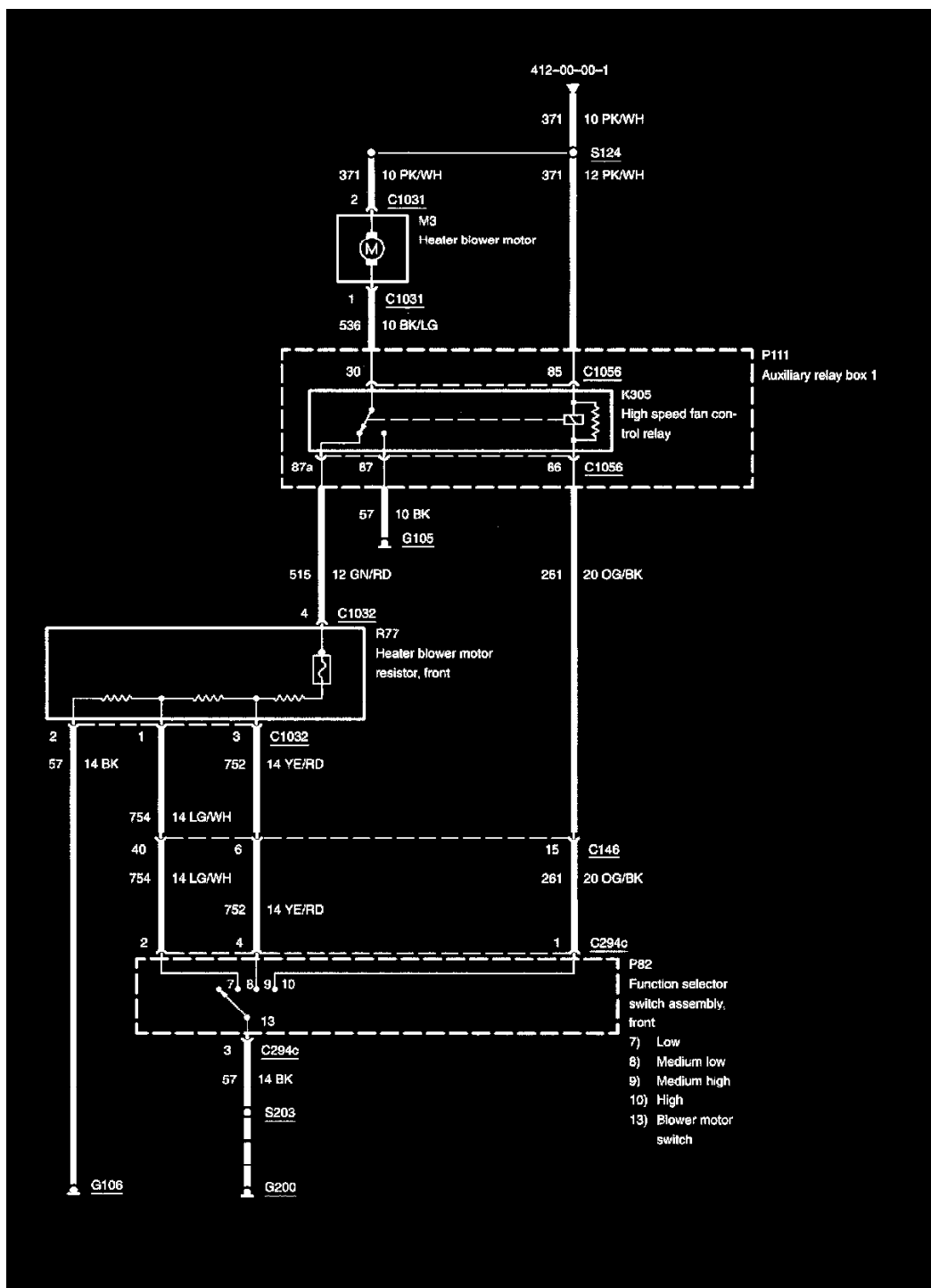


Diagram 412-00-00-2

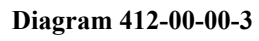
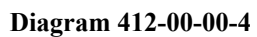


Diagram 412-00-00-3



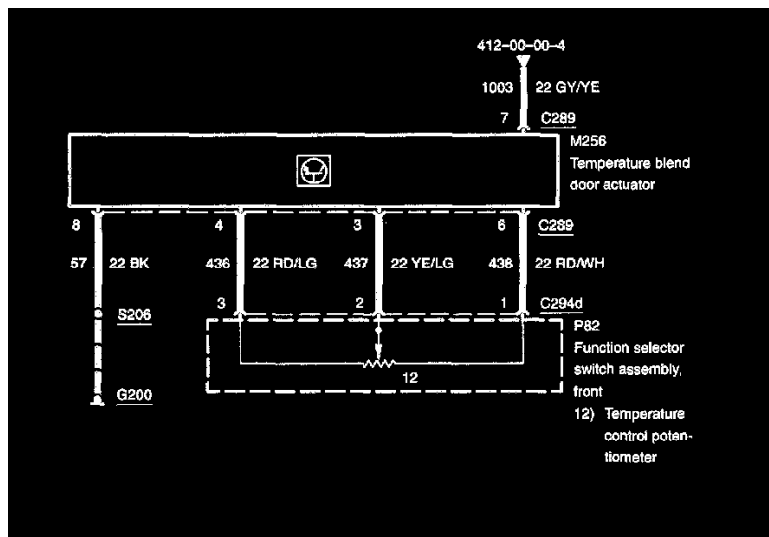


Diagram 412-00-00-5

RELATED DIAGRAMS

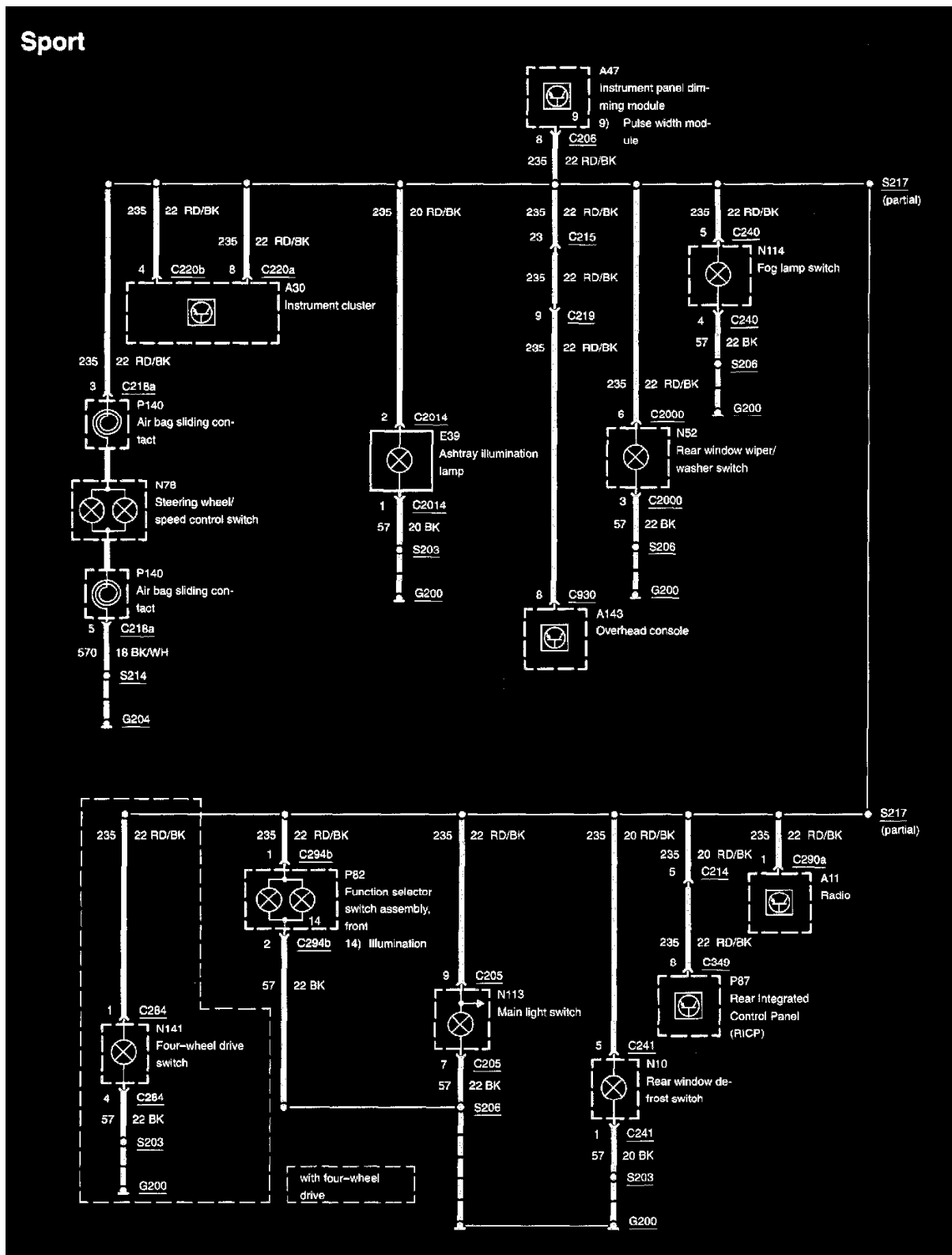


Diagram 413-00-00-3

Diagram 413-00-00-6

Control Assembly, HVAC

DETAILED DIAGRAMS

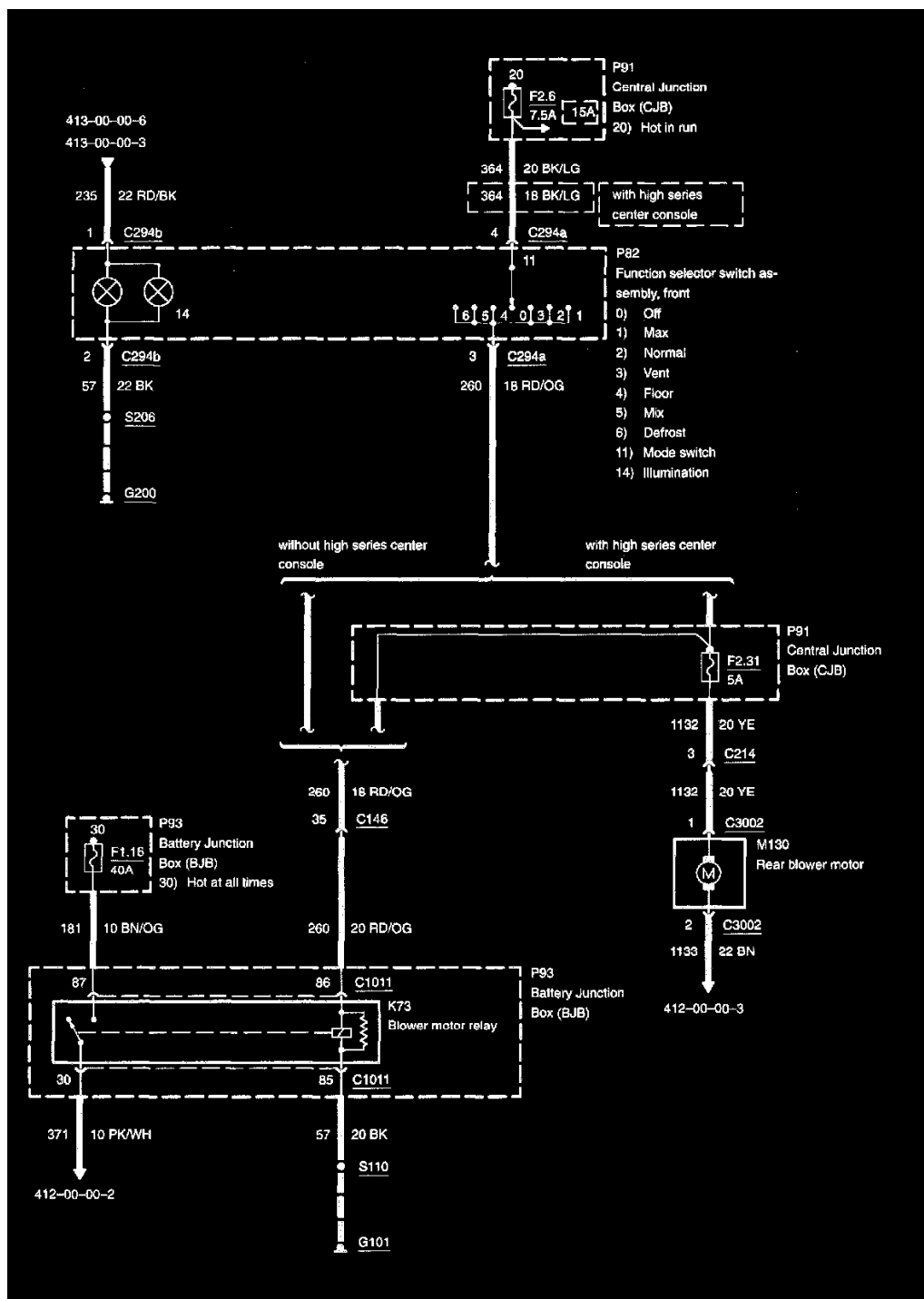


Diagram 412-00-00-1

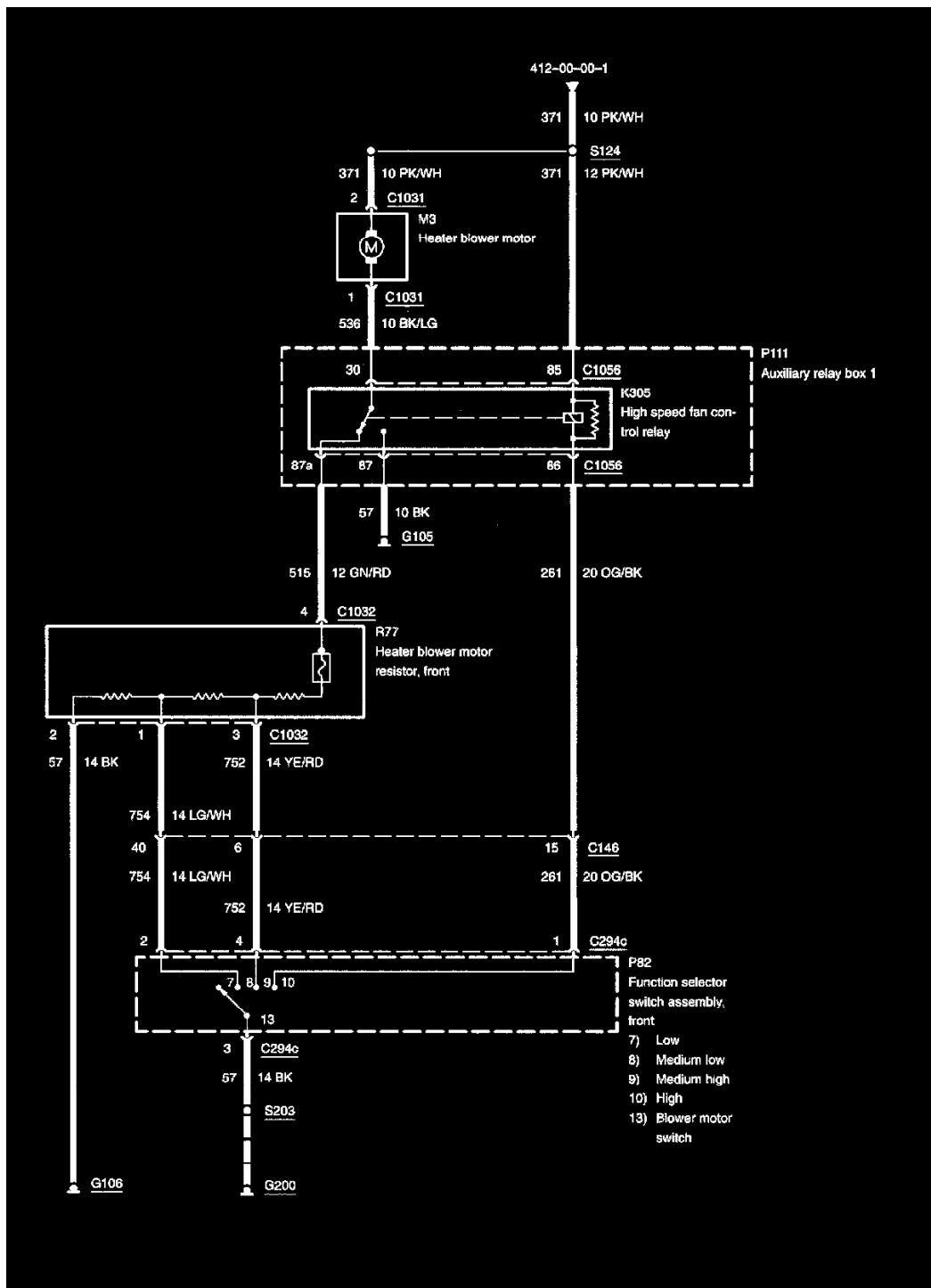


Diagram 412-00-00-2

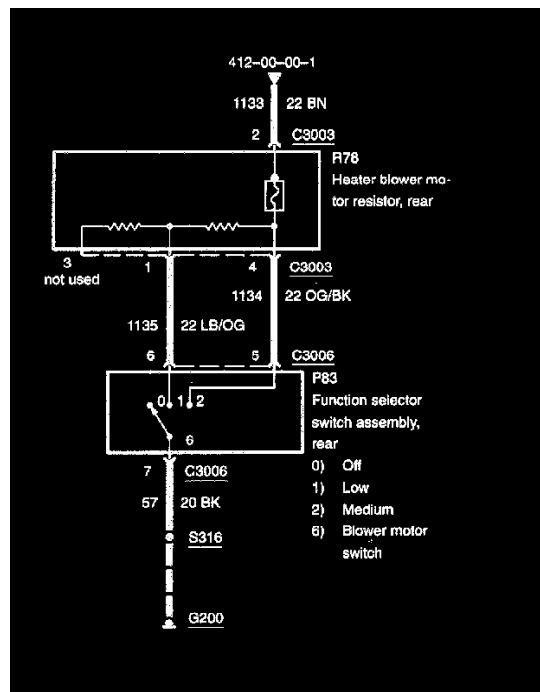
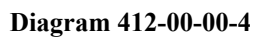


Diagram 412-00-00-3



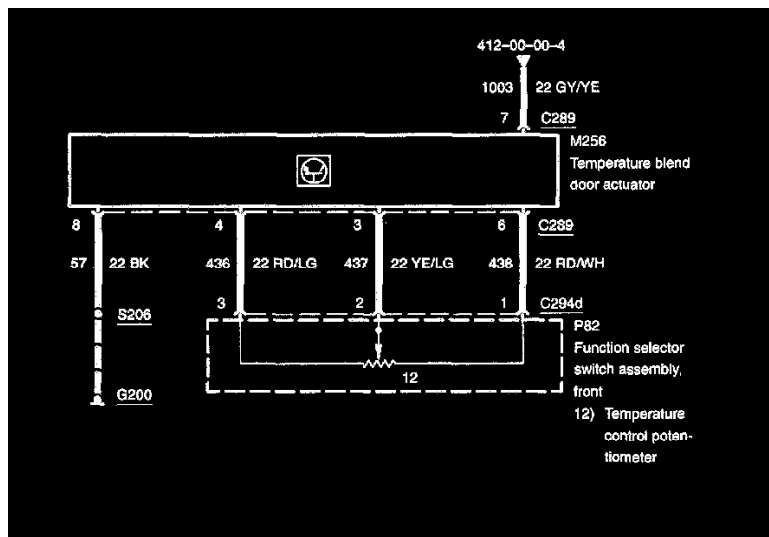


Diagram 412-00-00-5

RELATED DIAGRAMS

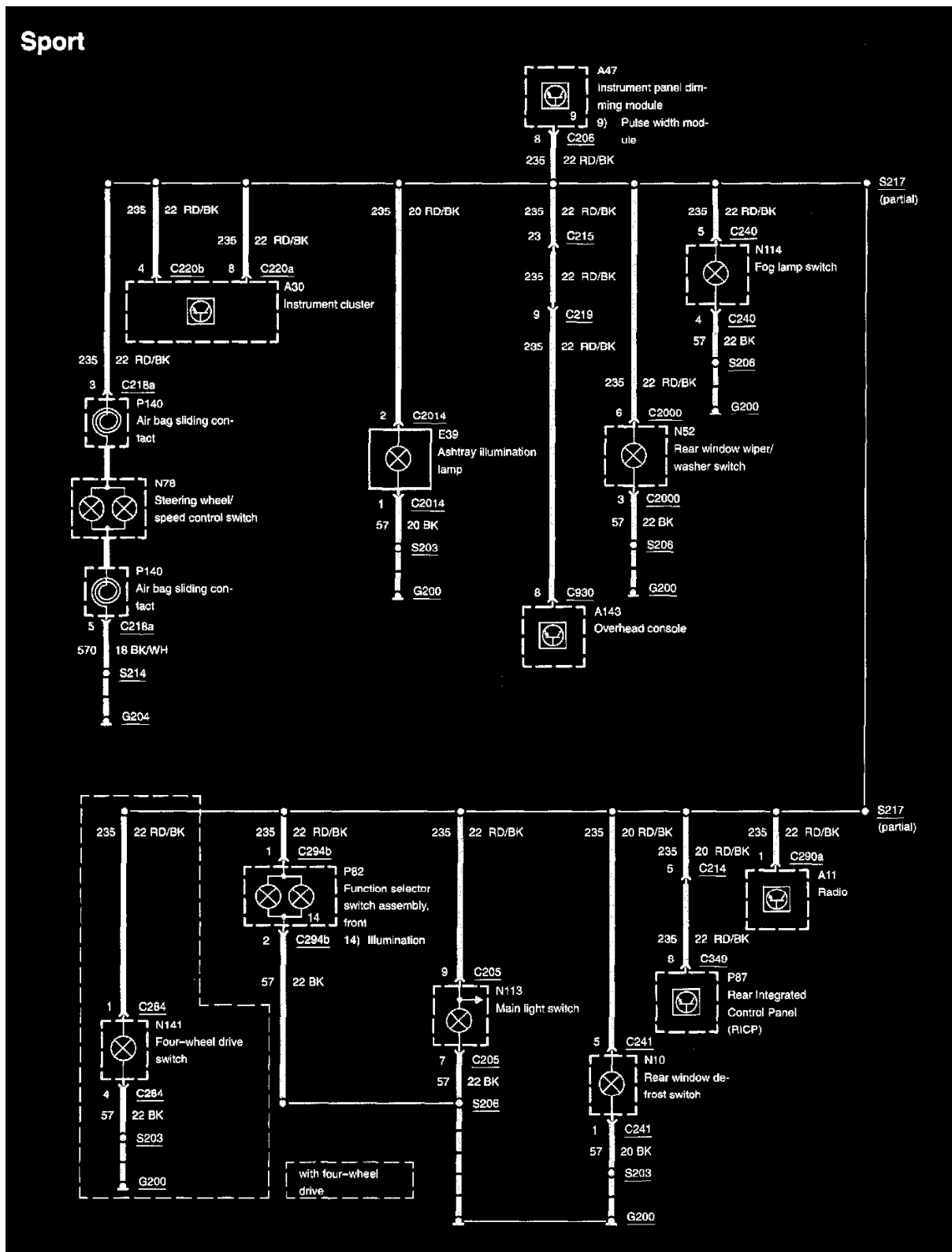


Diagram 413-00-00-3

Diagram 413-00-00-6

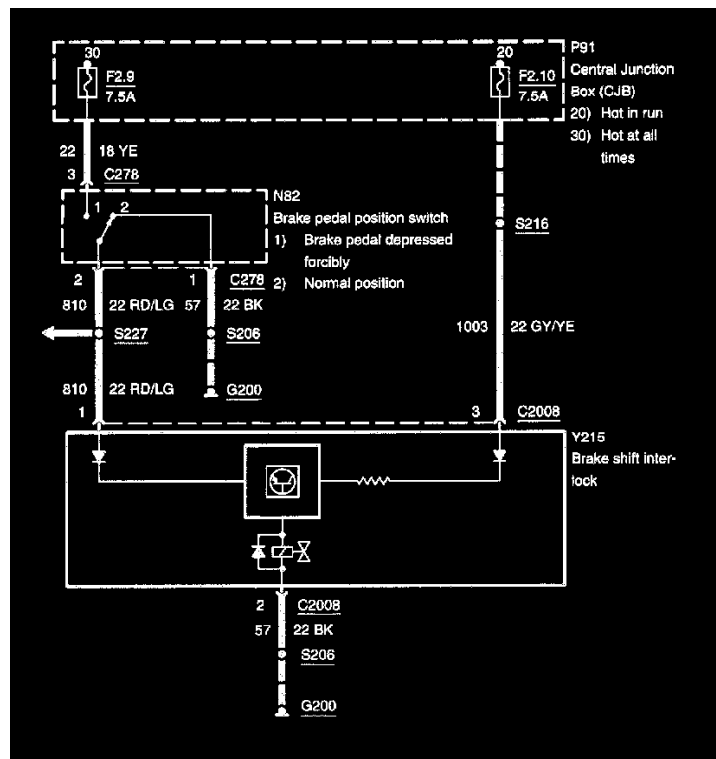


Diagram 307-05-00-1

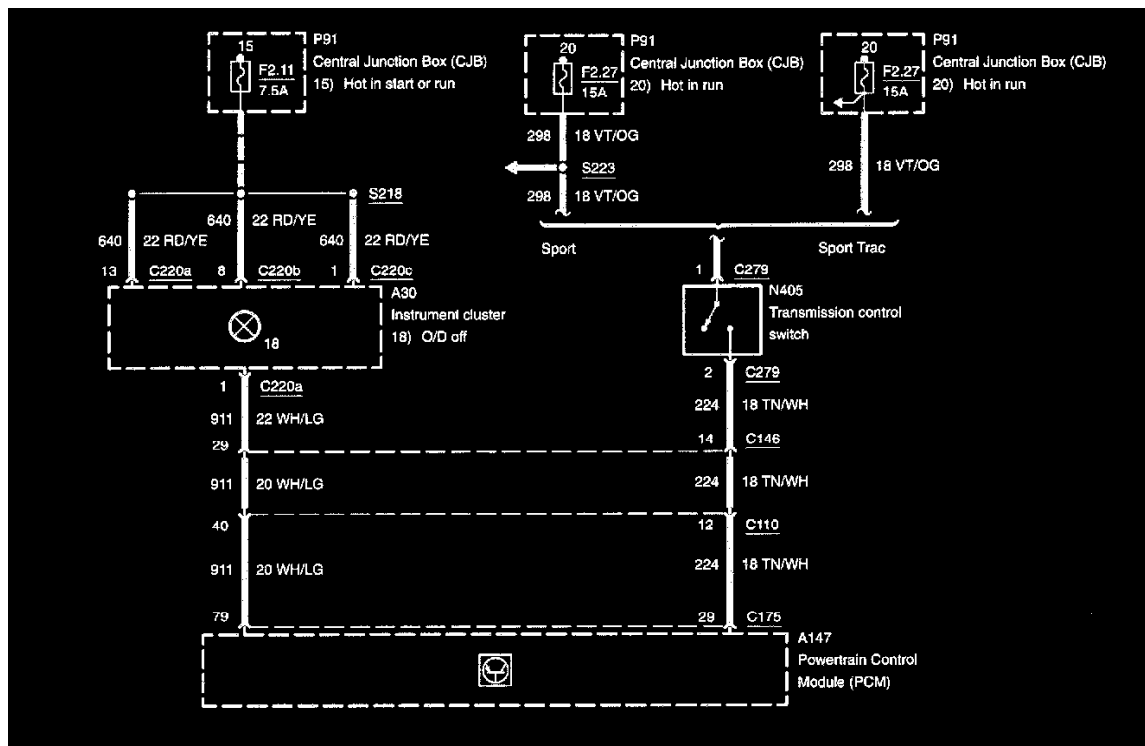


Diagram 307-05-00-2

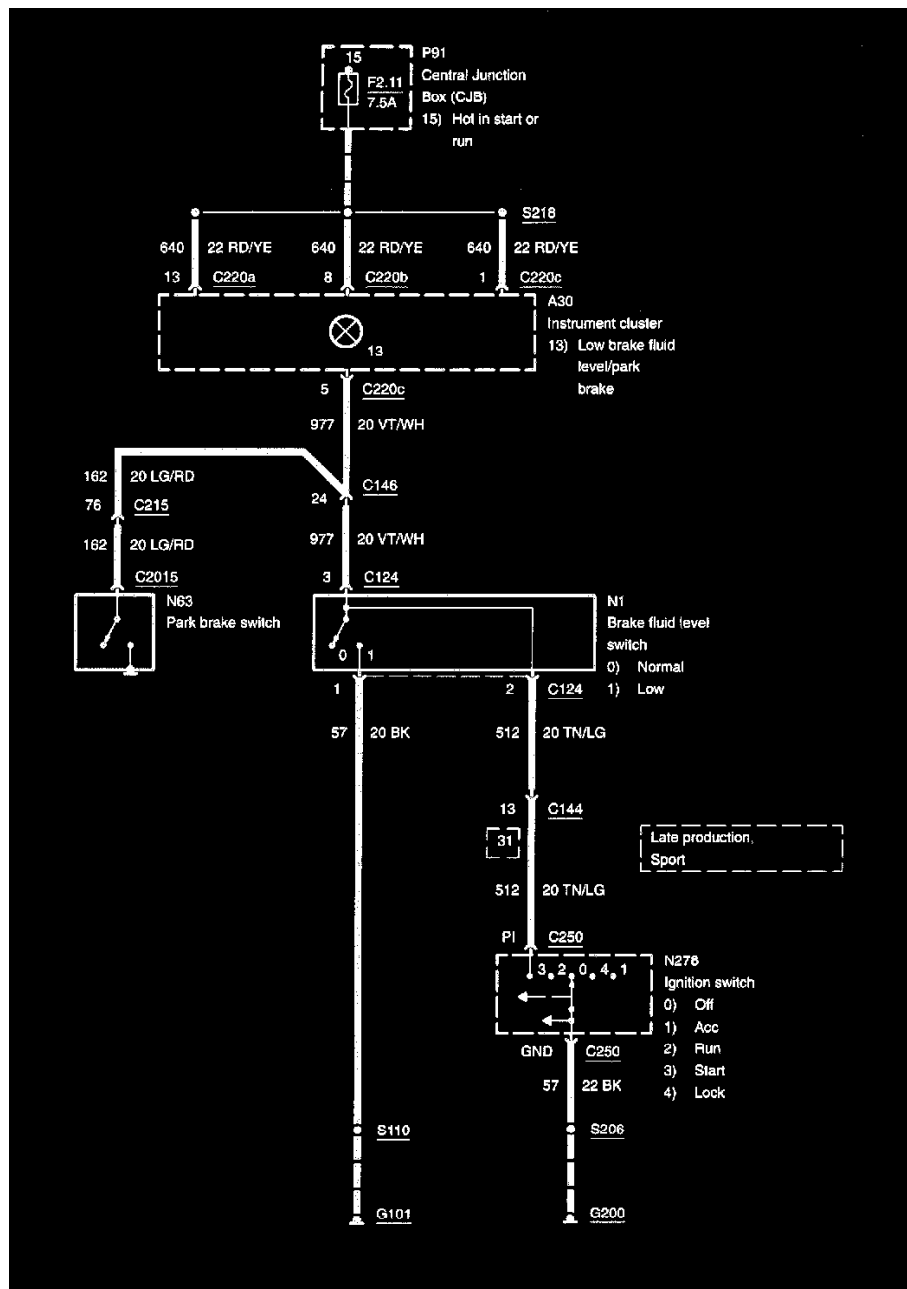


Diagram 206-00-00-1

Instrument Cluster

DETAILED DIAGRAMS

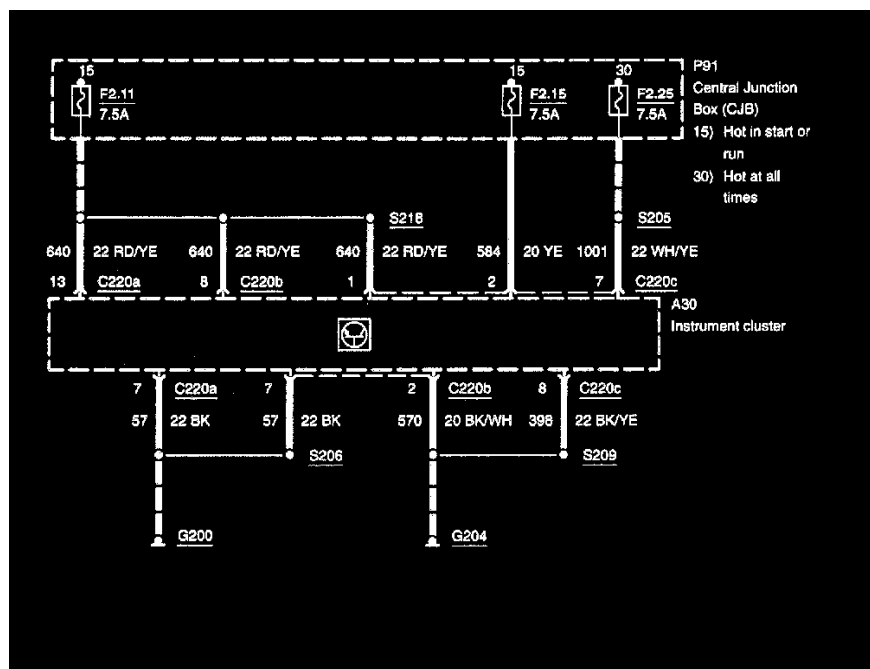


Diagram 413-01-00-1

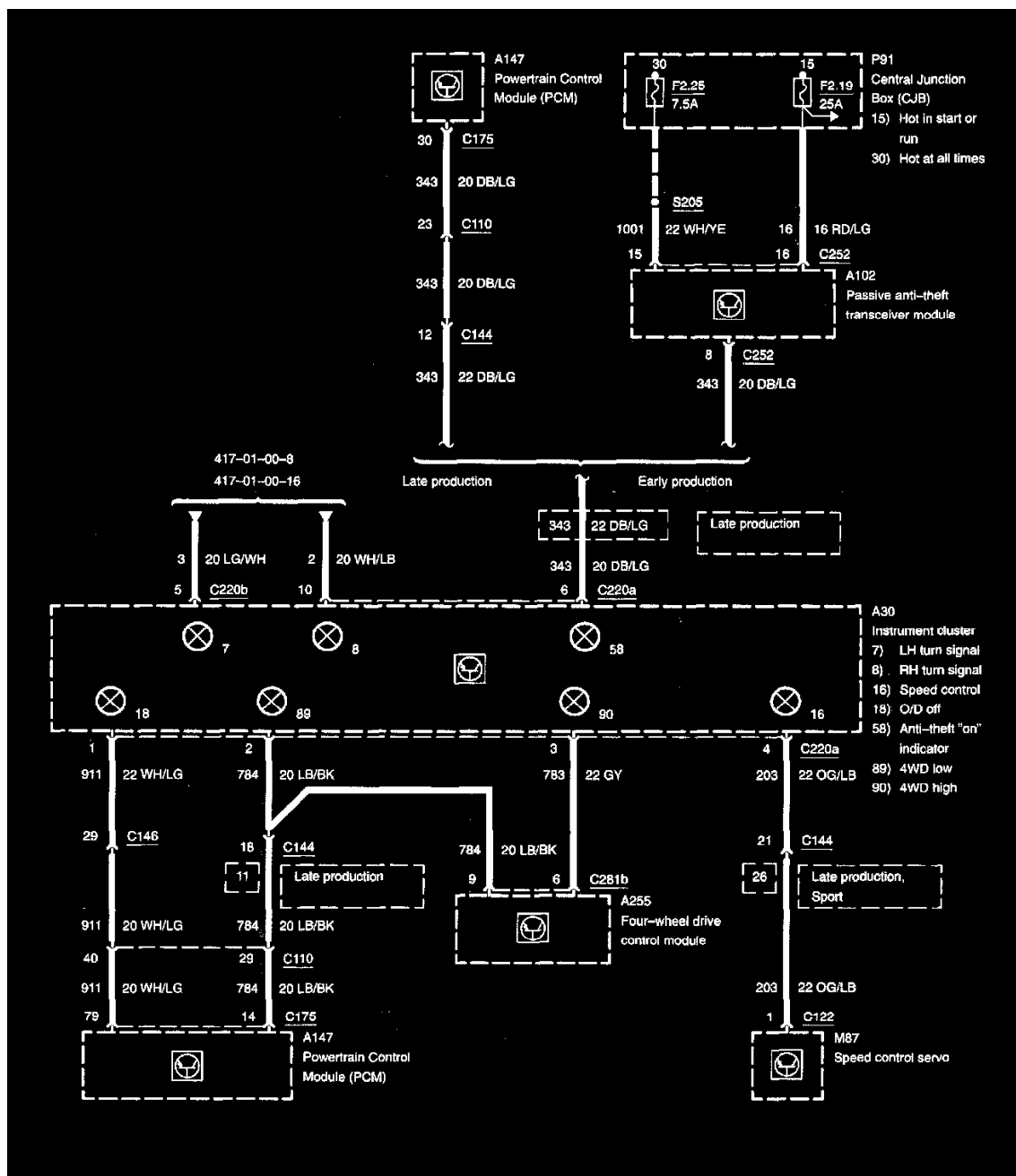


Diagram 413-01-00-2

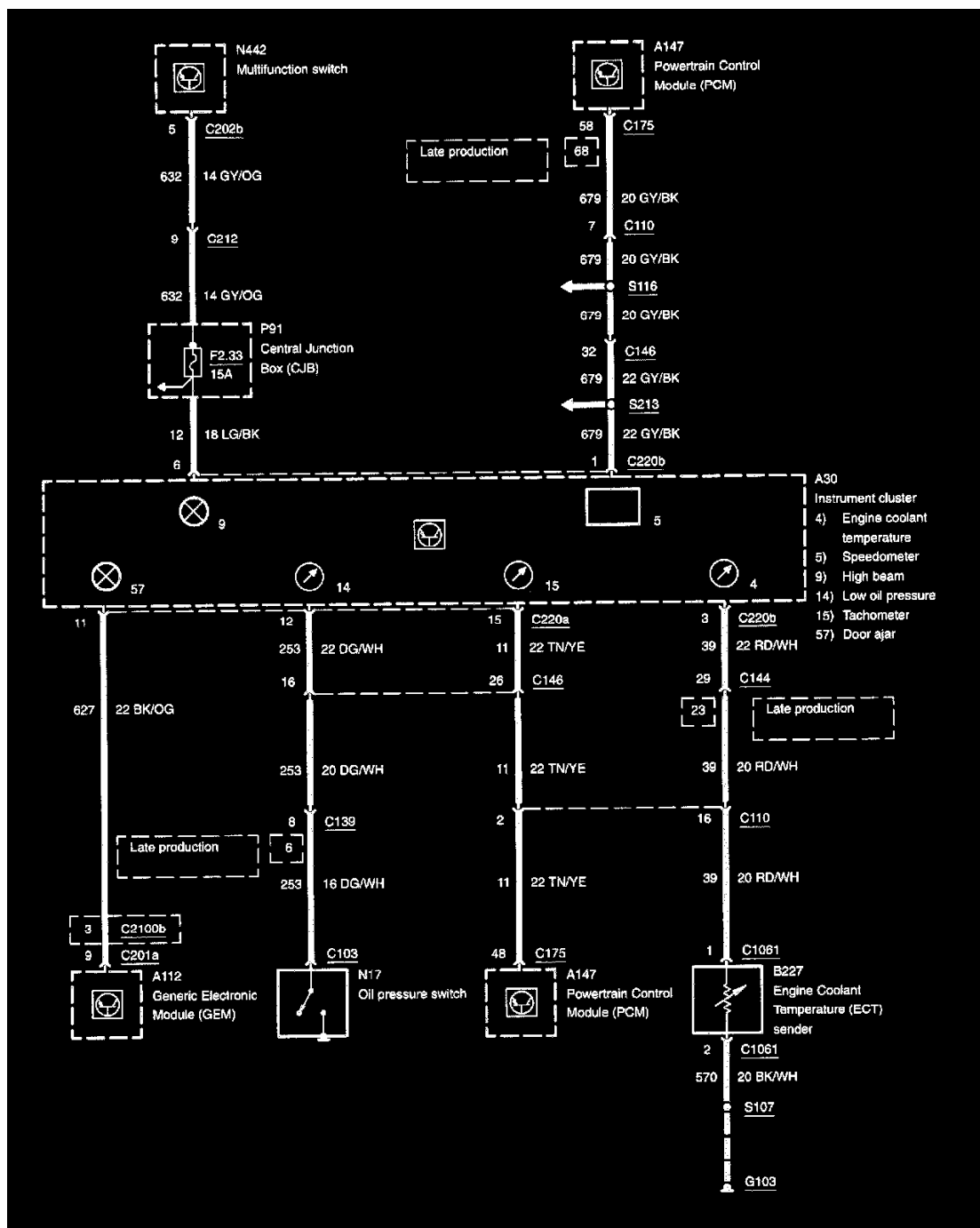


Diagram 413-01-00-3

Early production

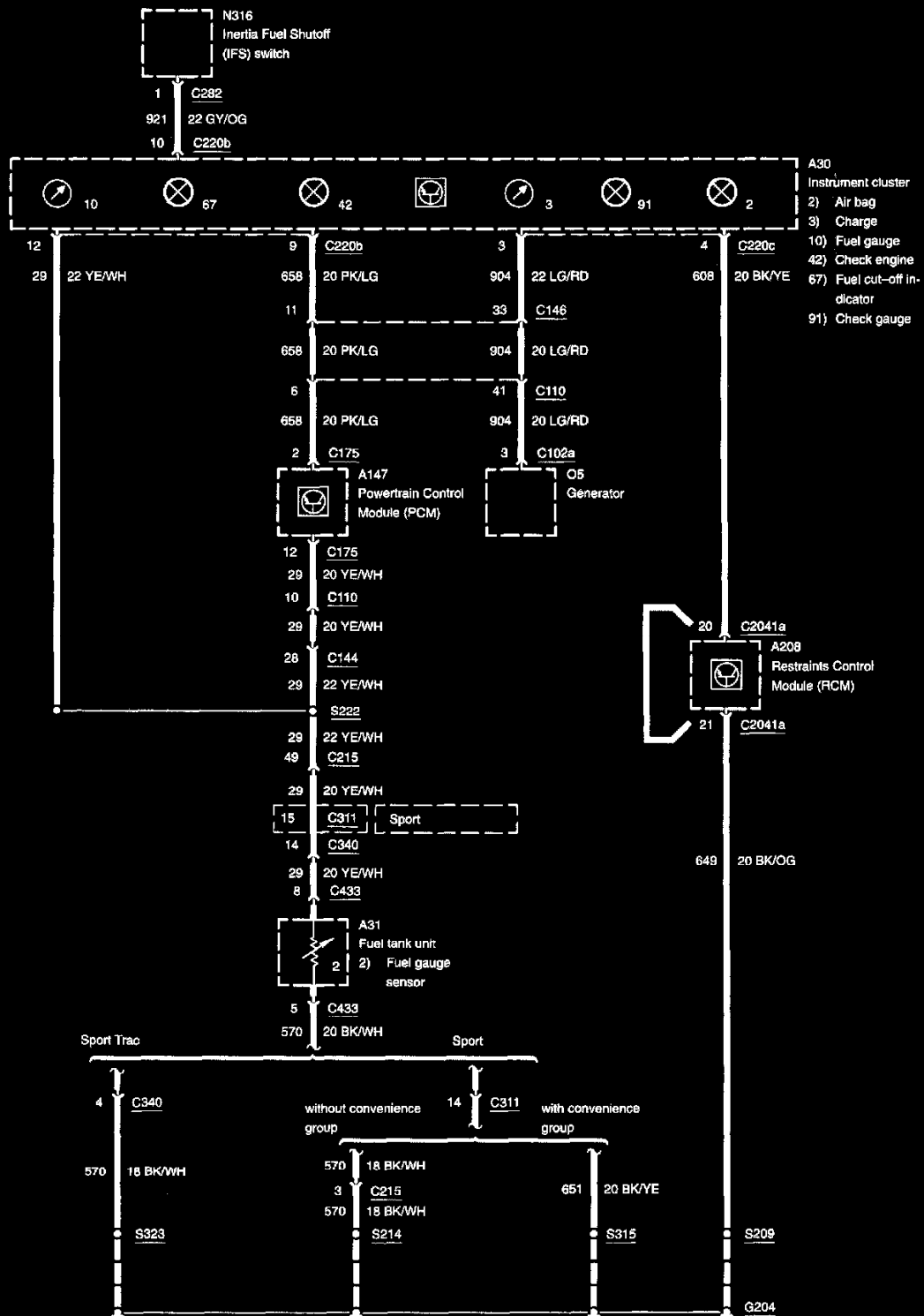


Diagram 413-01-00-4

Late production

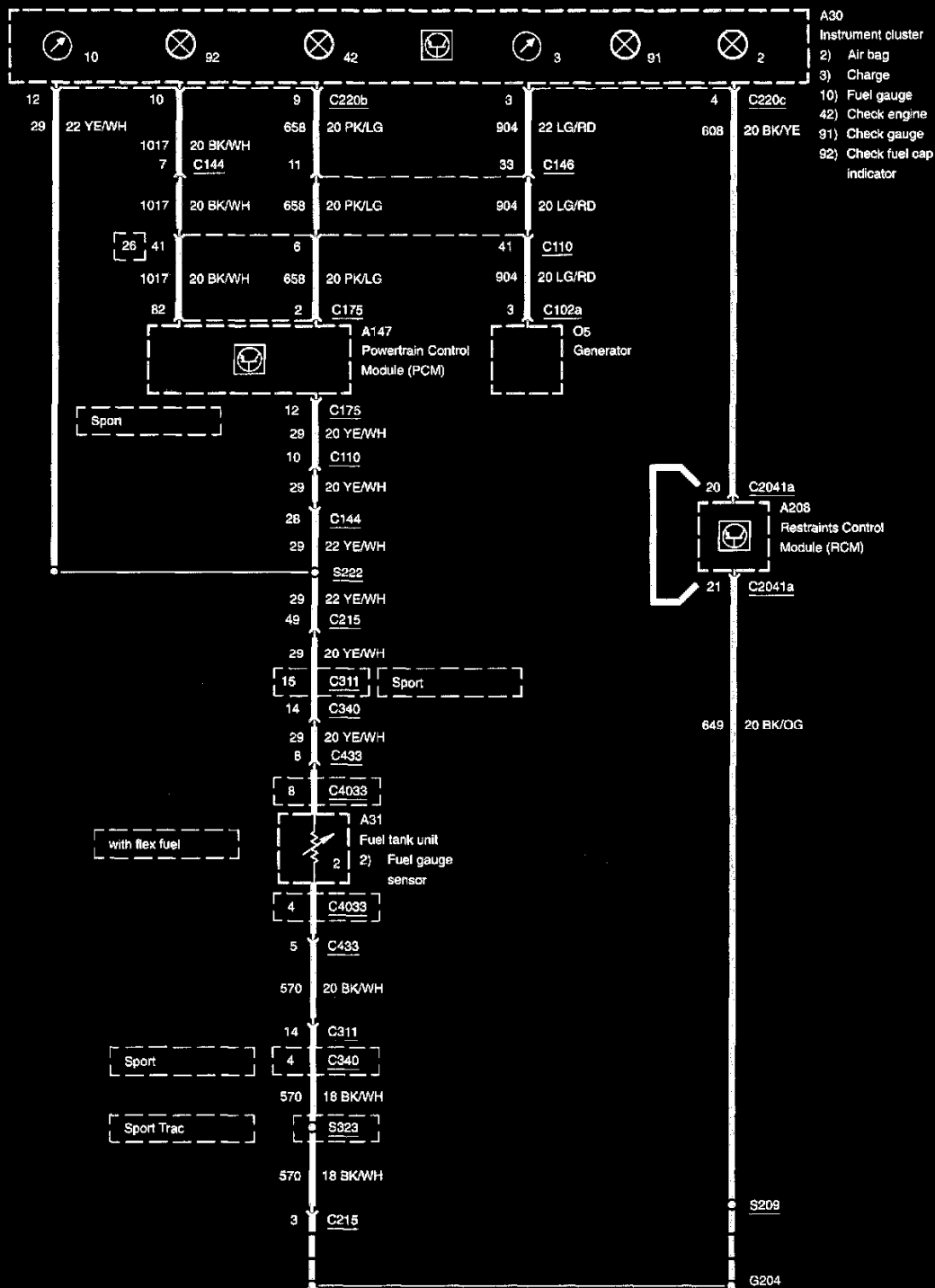


Diagram 413-01-00-5

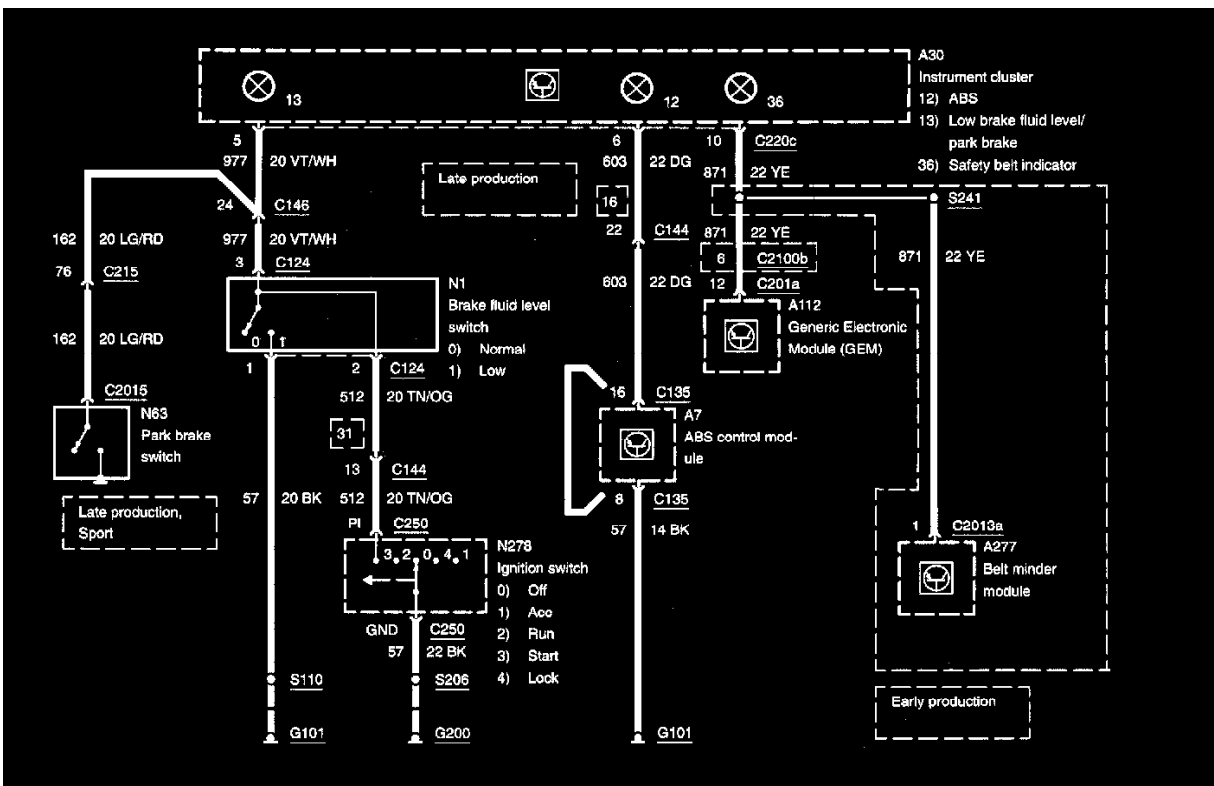


Diagram 413-01-00-6

RELATED DIAGRAMS

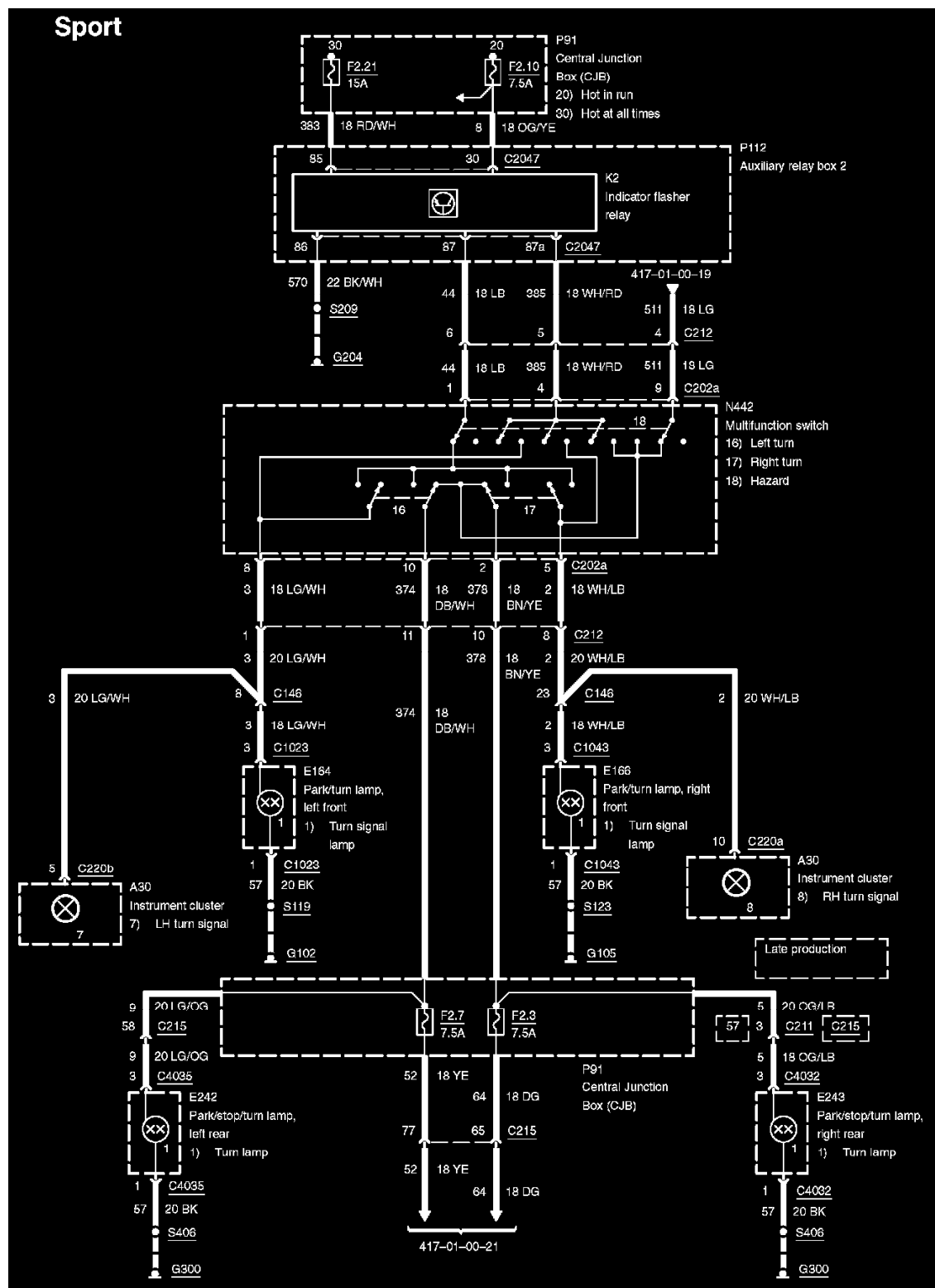


Diagram 417-01-00-8

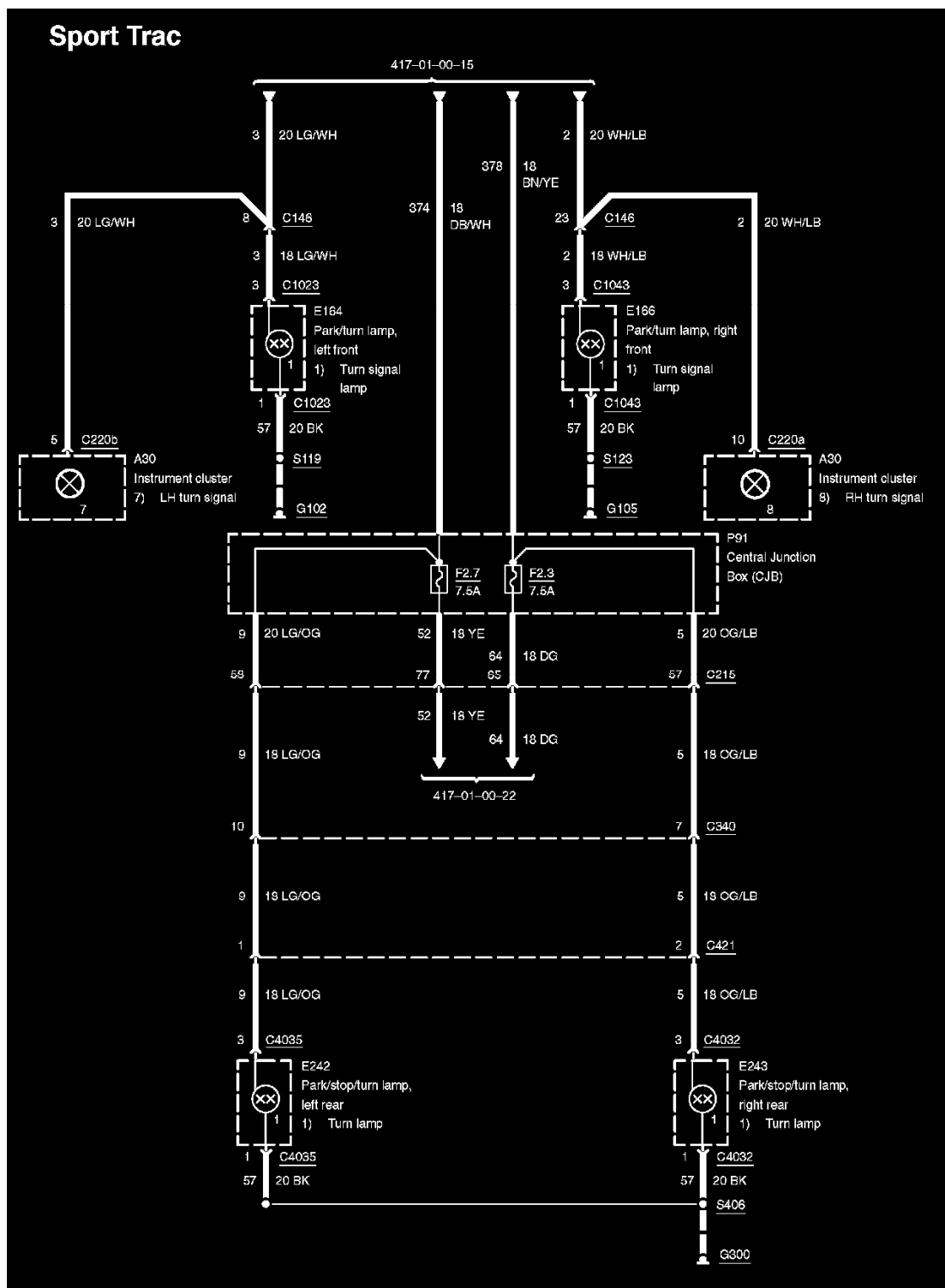


Diagram 417-01-00-16

Instrument Cluster and Panel Illumination

DETAILED DIAGRAMS

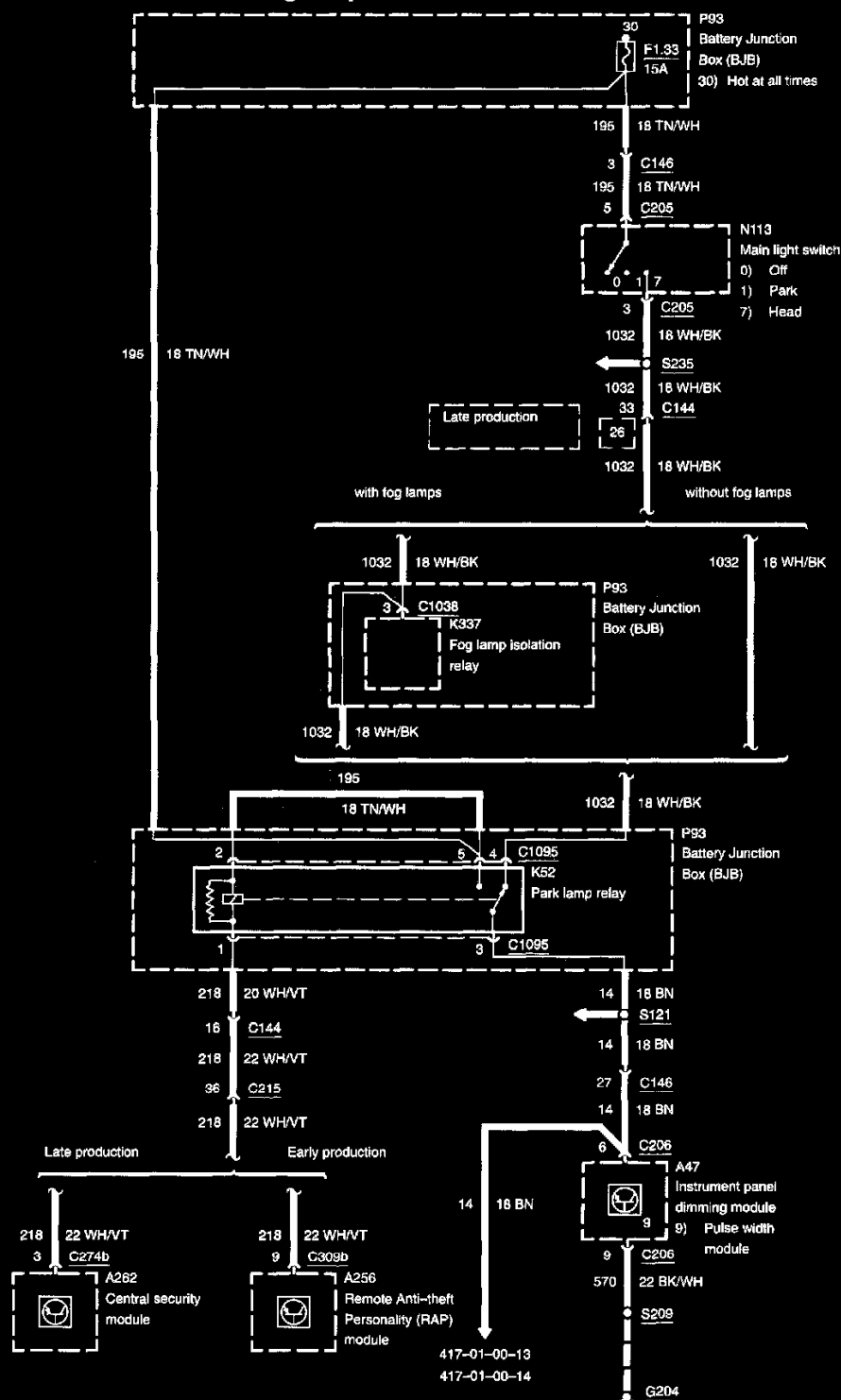
Sport Trac, With convenience group

Diagram 413-00-00-4

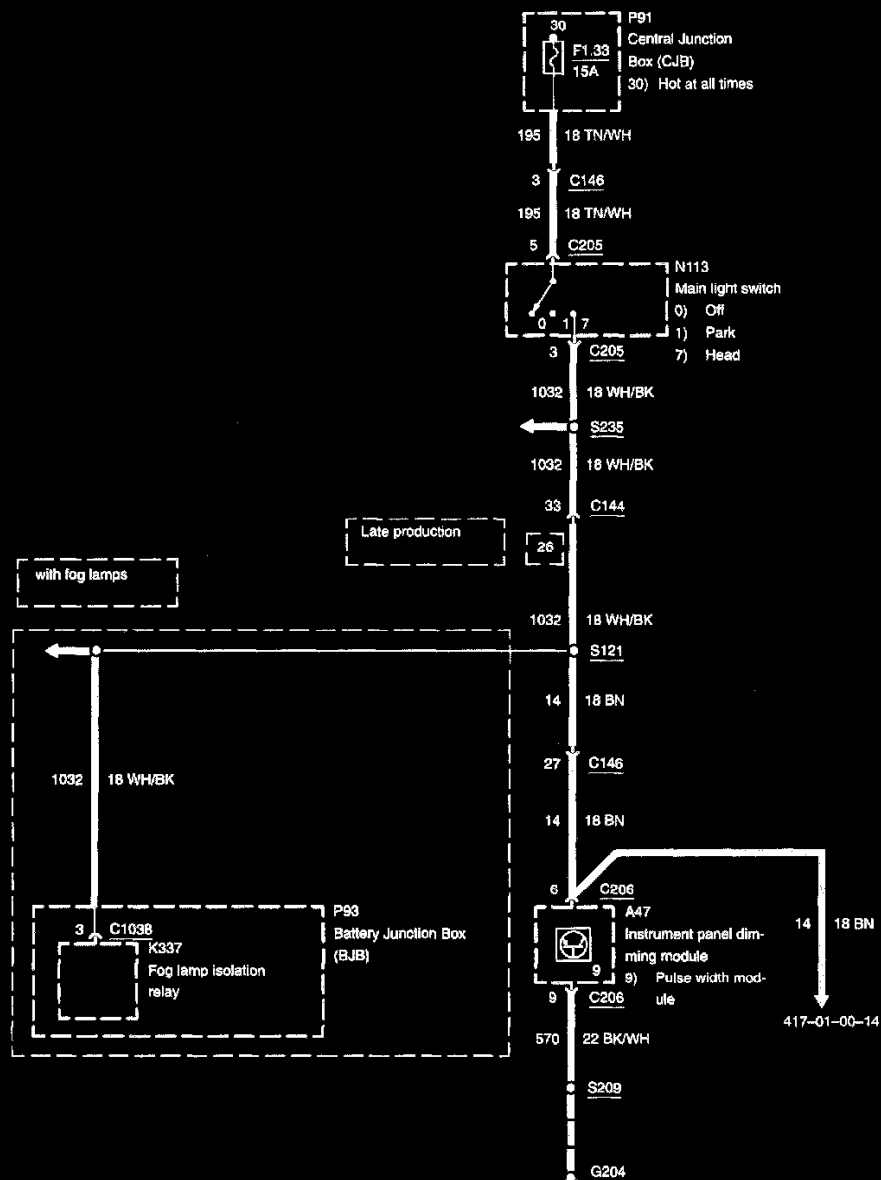
Sport Trac, Without convenience group

Diagram 413-00-00-5

Sport Trac

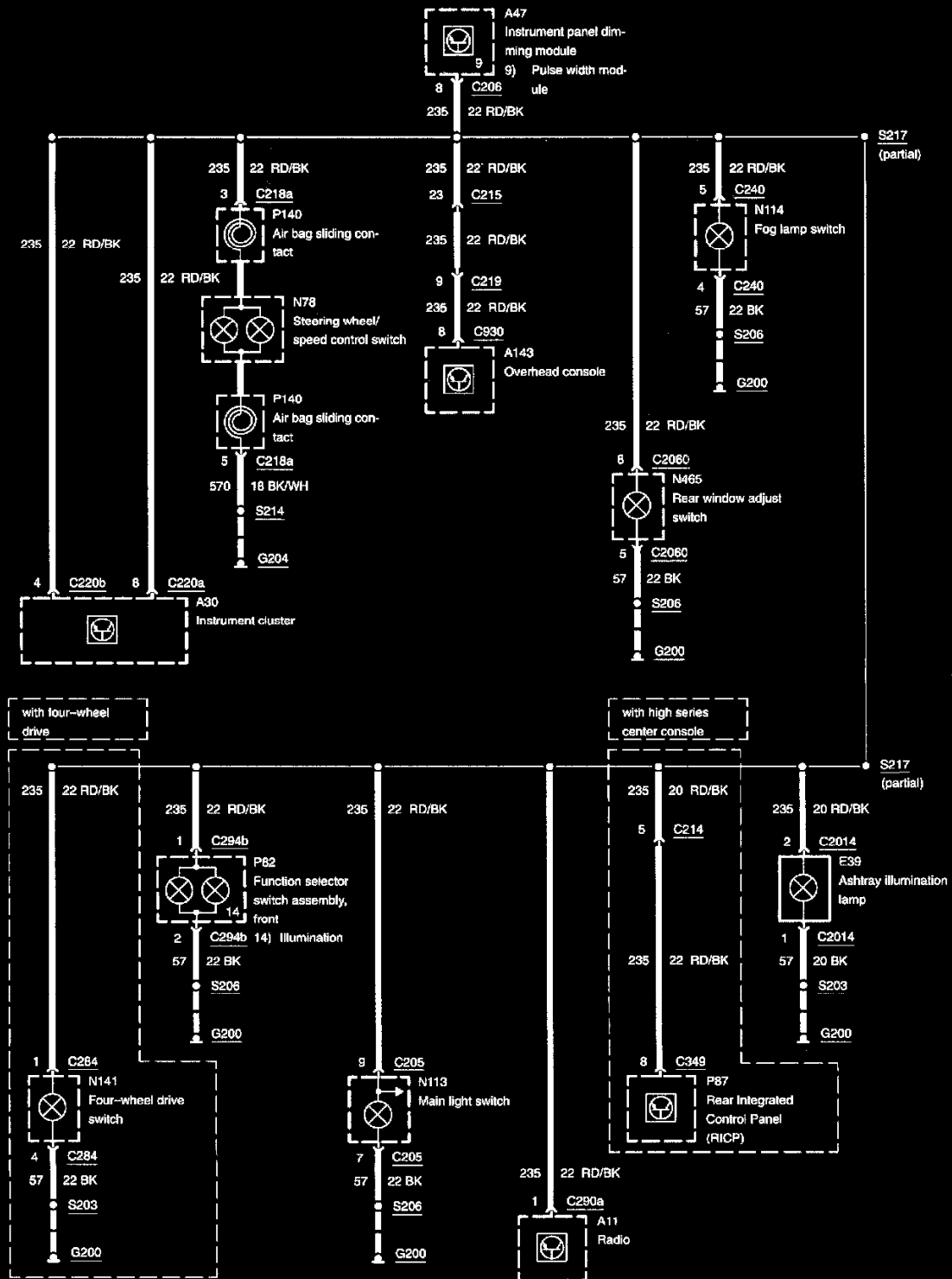


Diagram 413-00-00-6

RELATED DIAGRAMS

Sport Trac, With convenience group

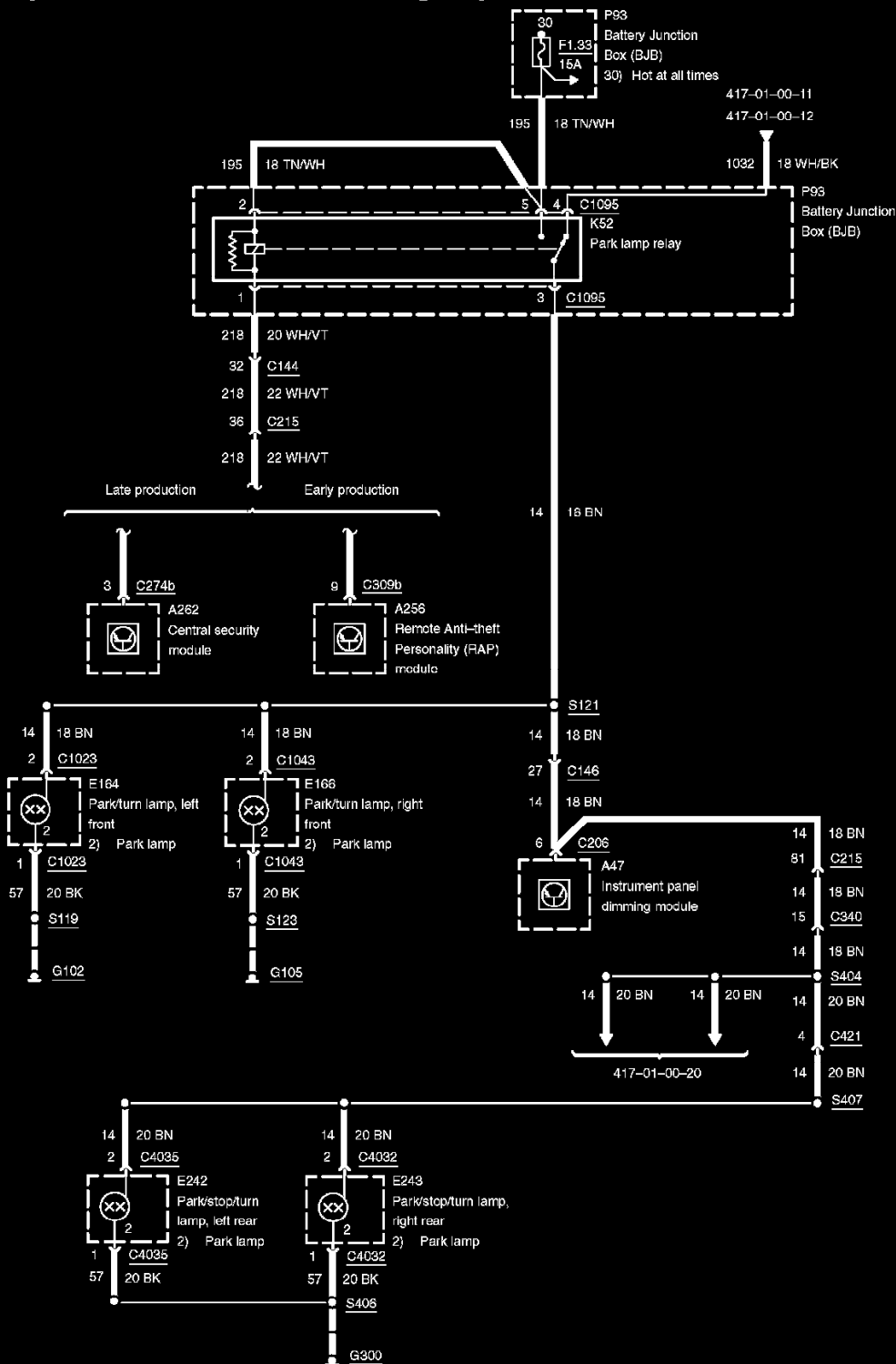


Diagram 417-01-00-13

Sport Trac, Lower option content

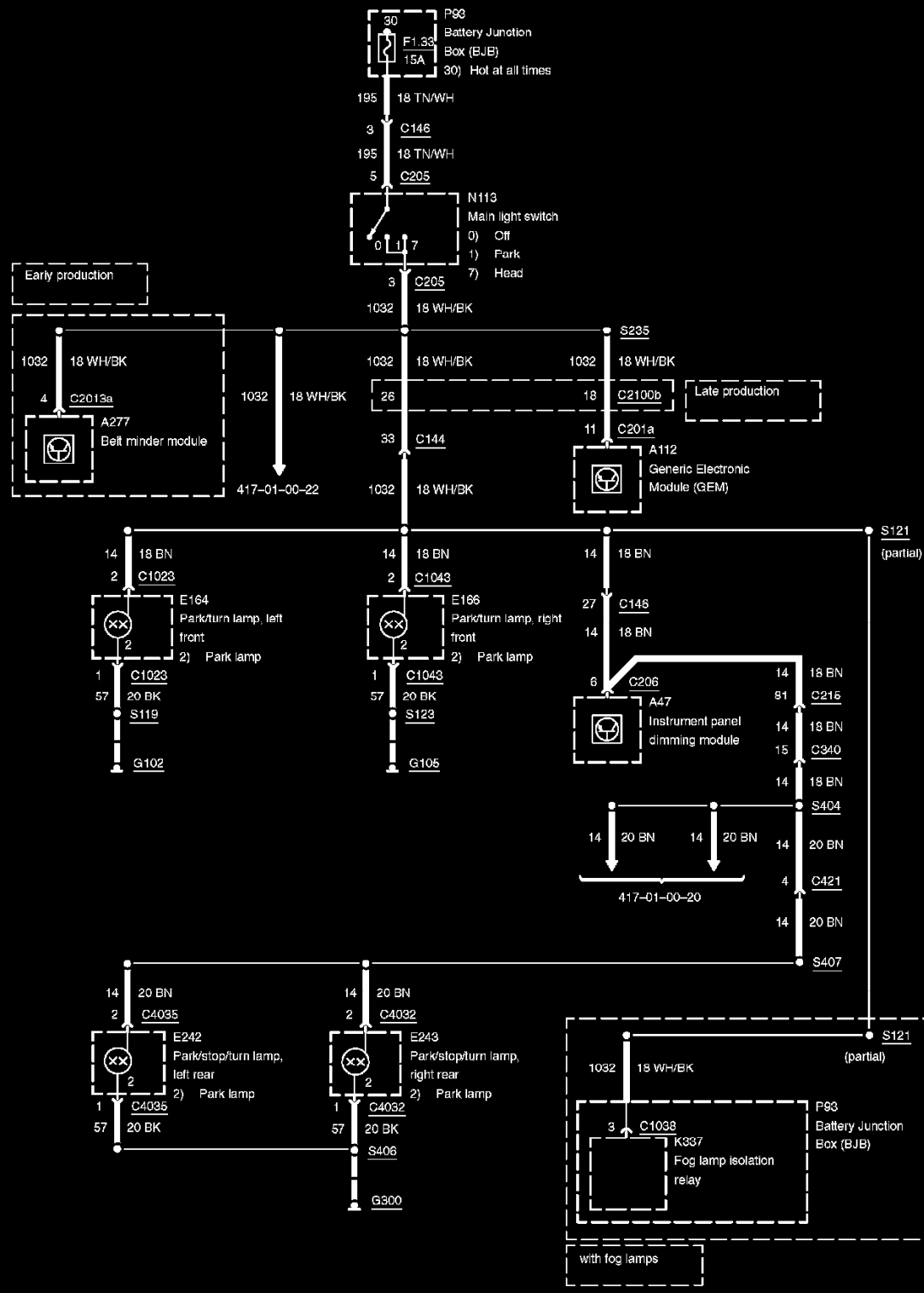


Diagram 417-01-00-14

Warning Devices

[illegible]

Diagram 413-09-00-1

Early production

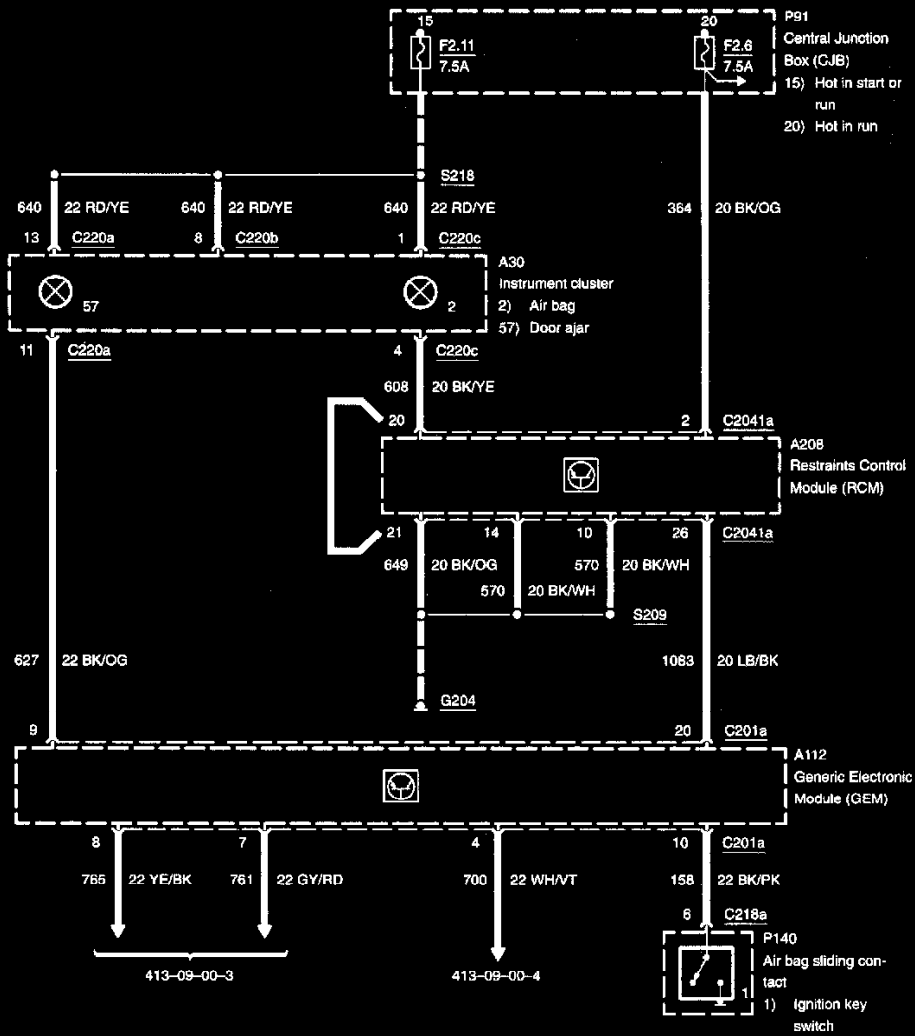


Diagram 413-09-00-2

Early production

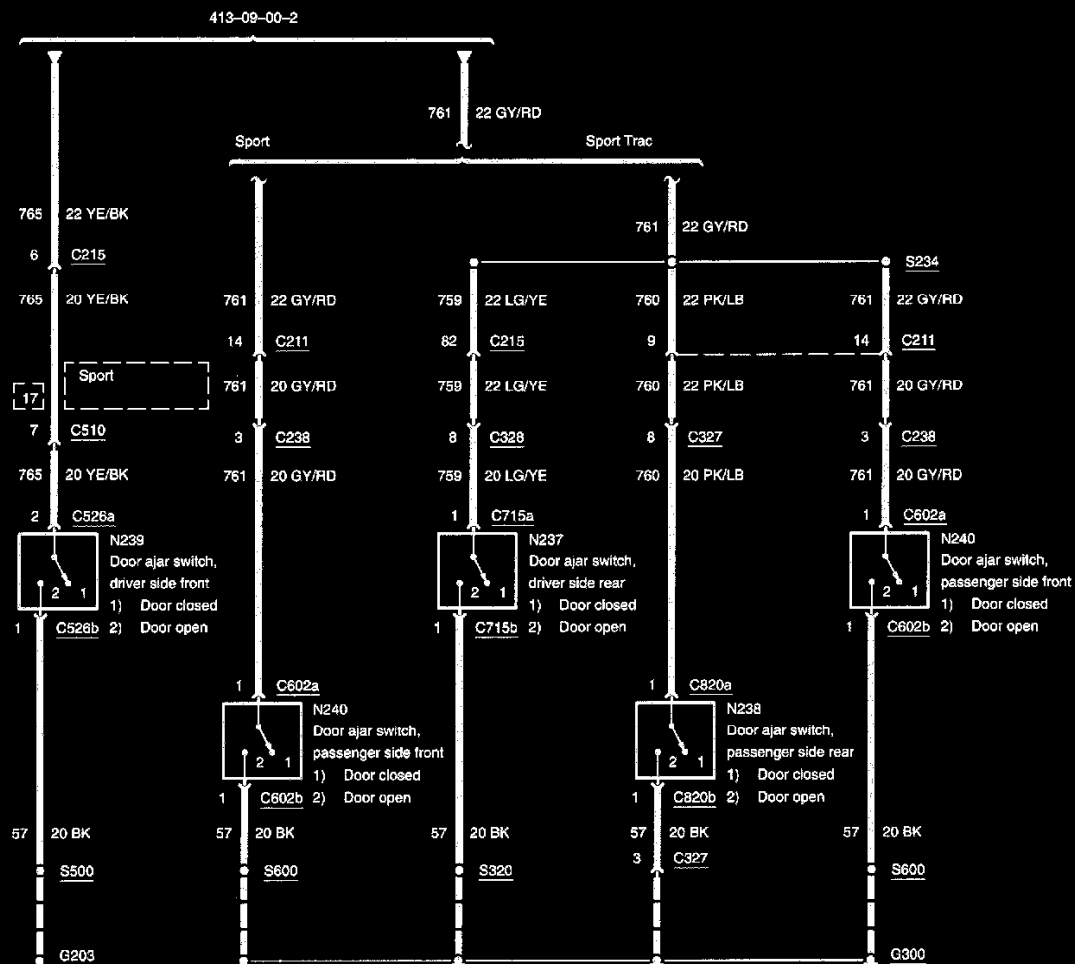


Diagram 413-09-00-3

Early production

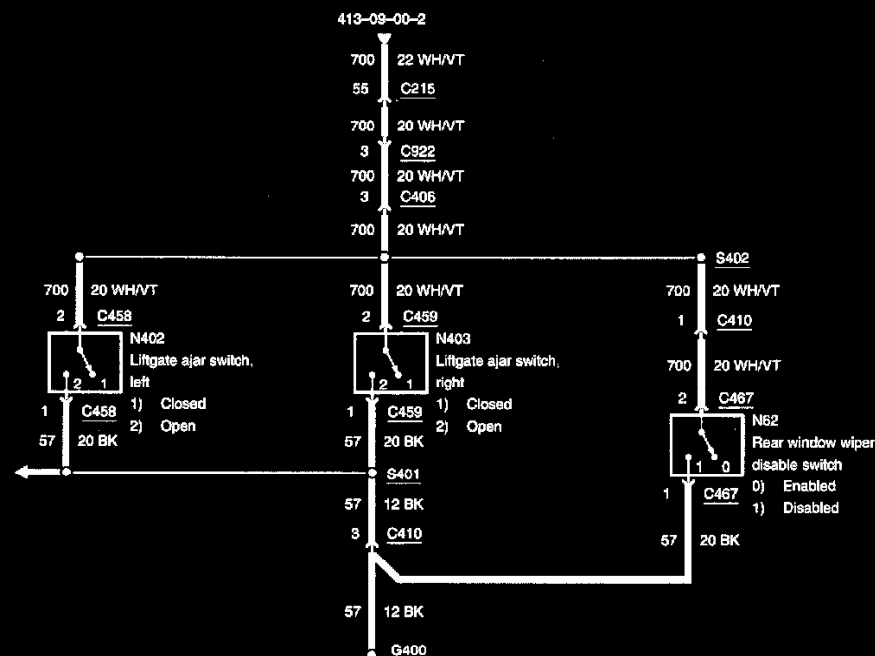


Diagram 413-09-00-4

Early production

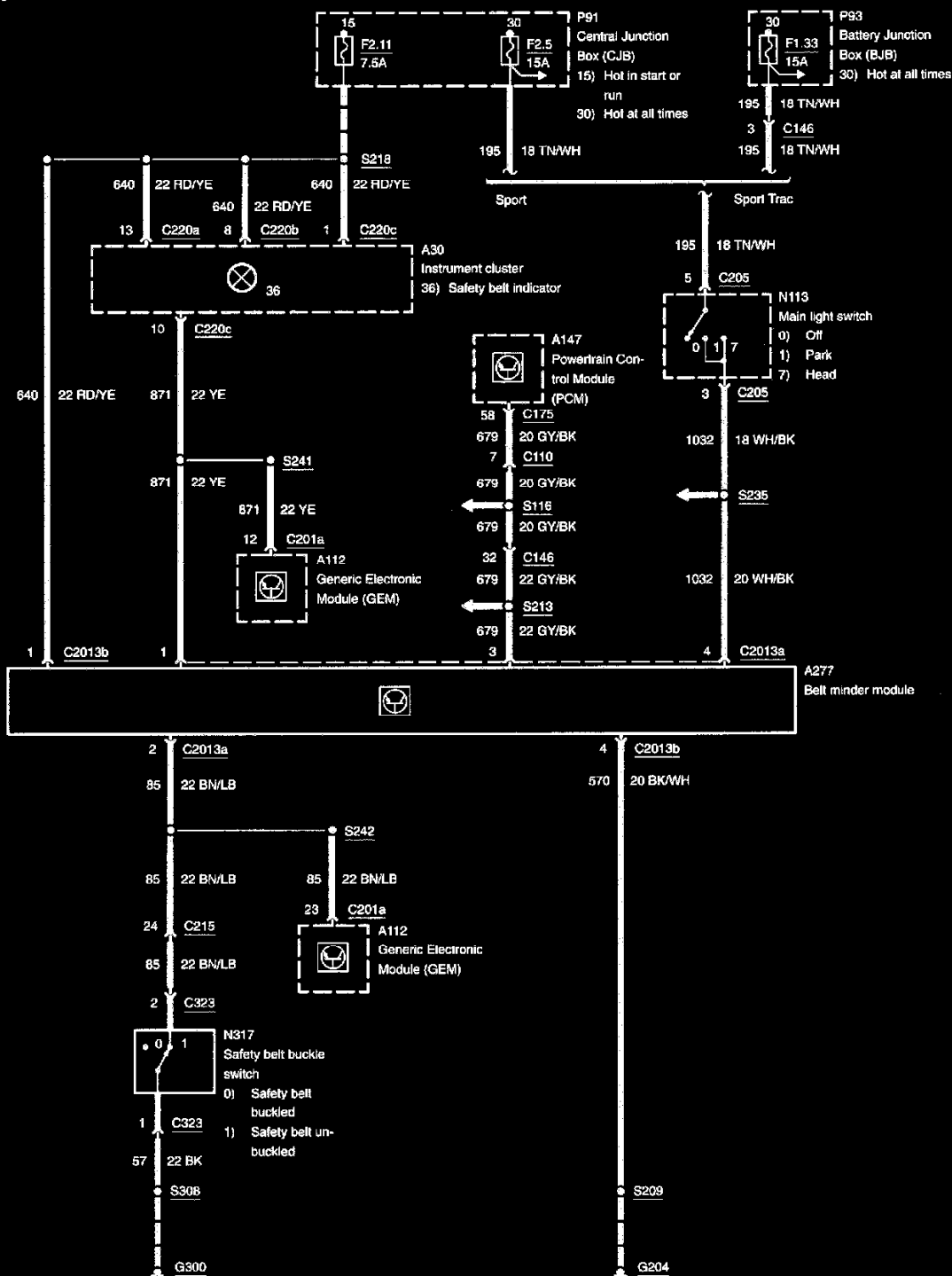


Diagram 413-09-00-5

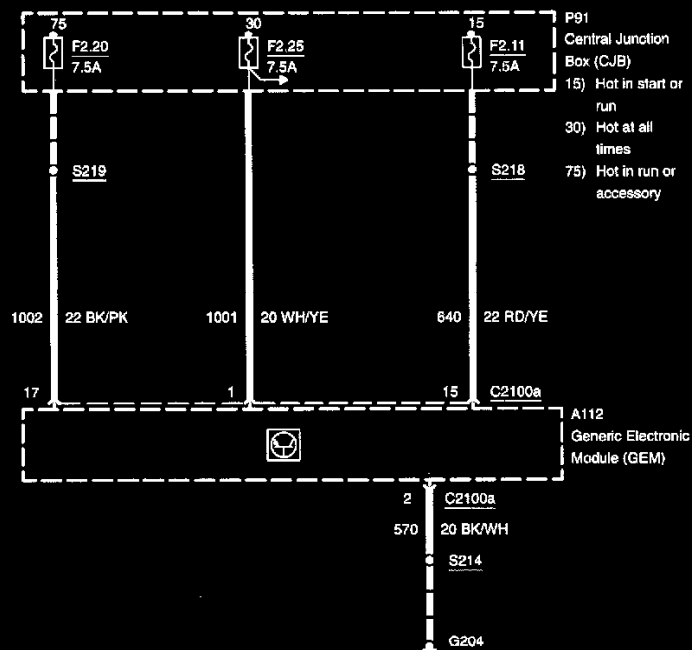
Late production

Diagram 413-09-00-6

Late production

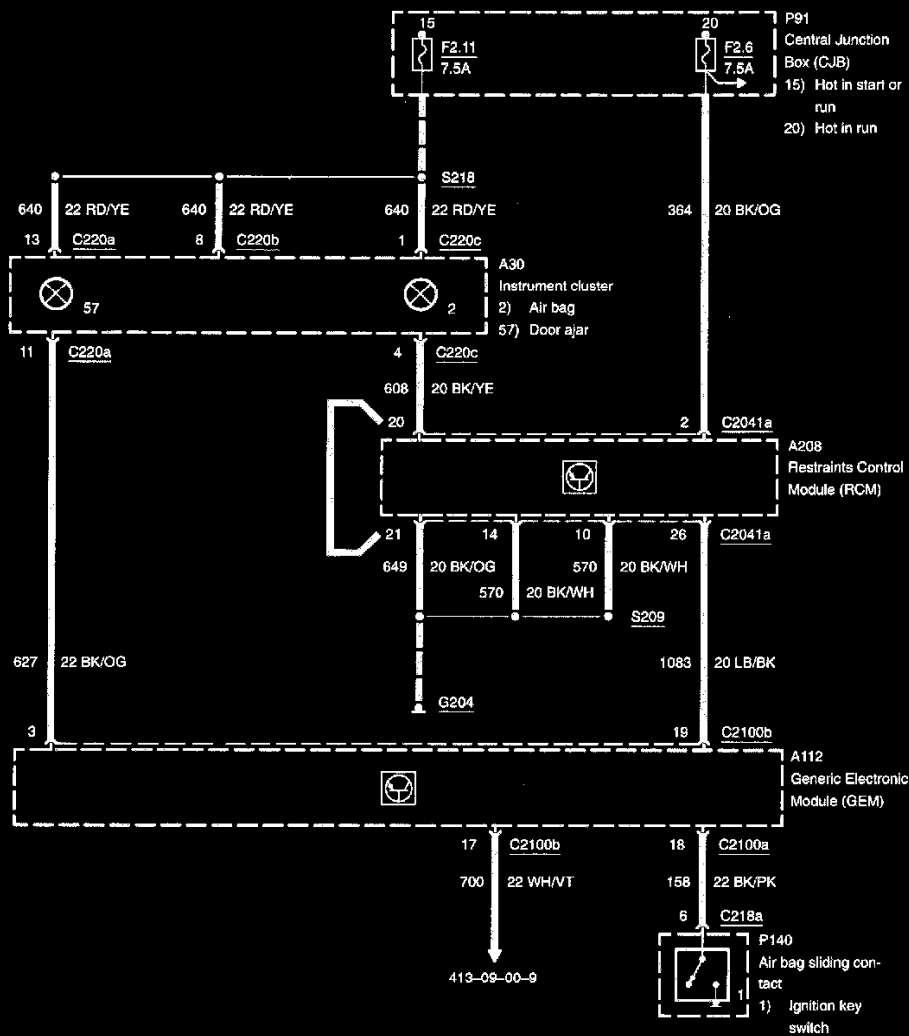


Diagram 413-09-00-7

Late production

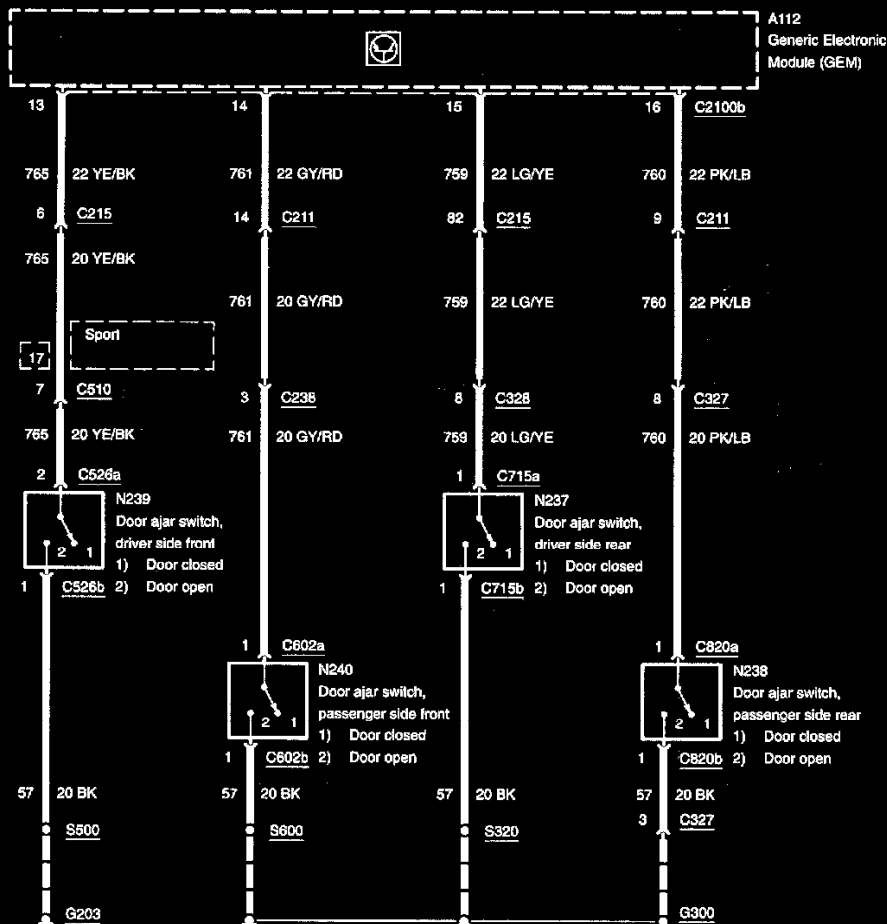


Diagram 413-09-00-8

Late production

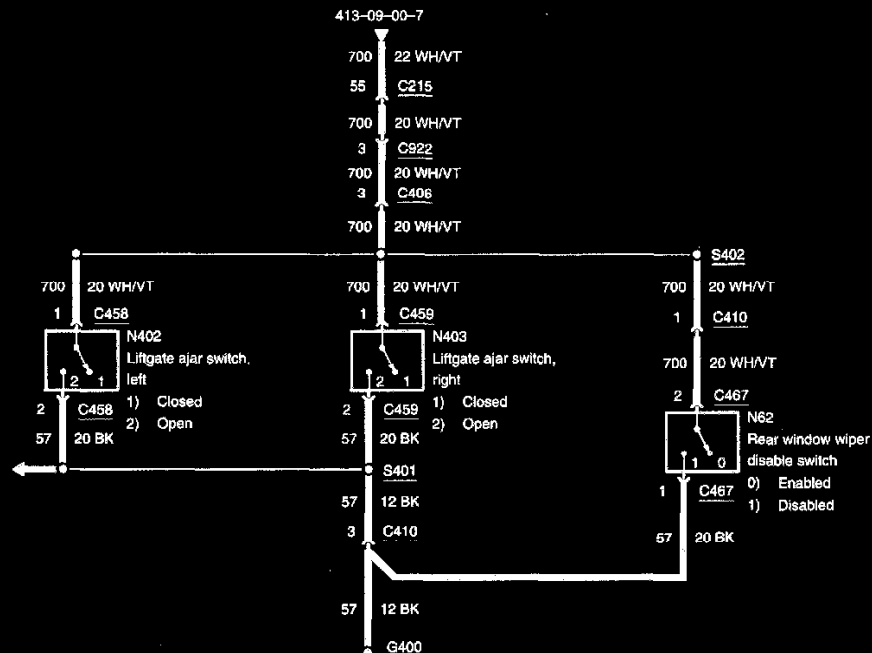


Diagram 413-09-00-9

Late production

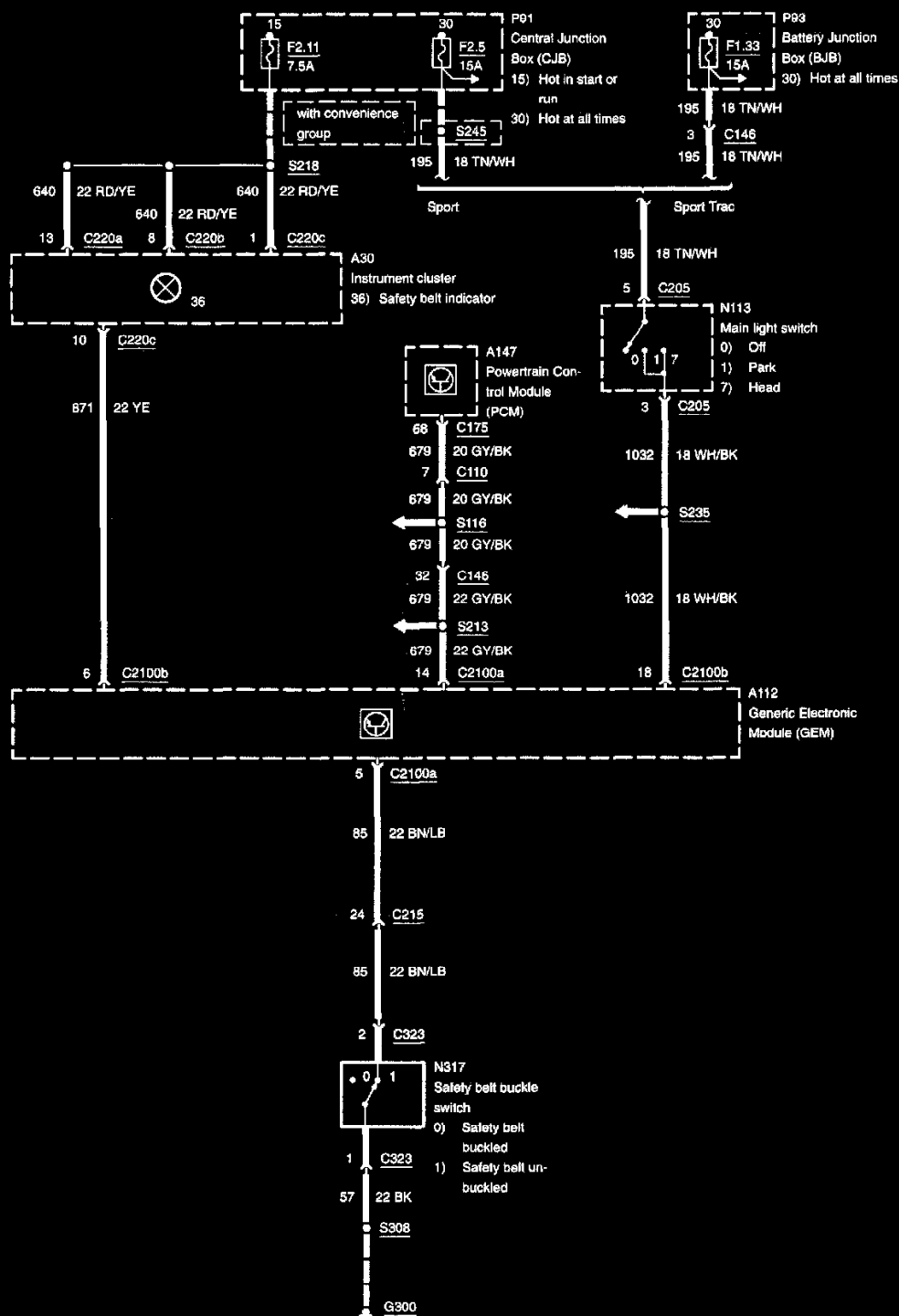


Diagram 413-09-00-10

Audible Warning Device Control Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

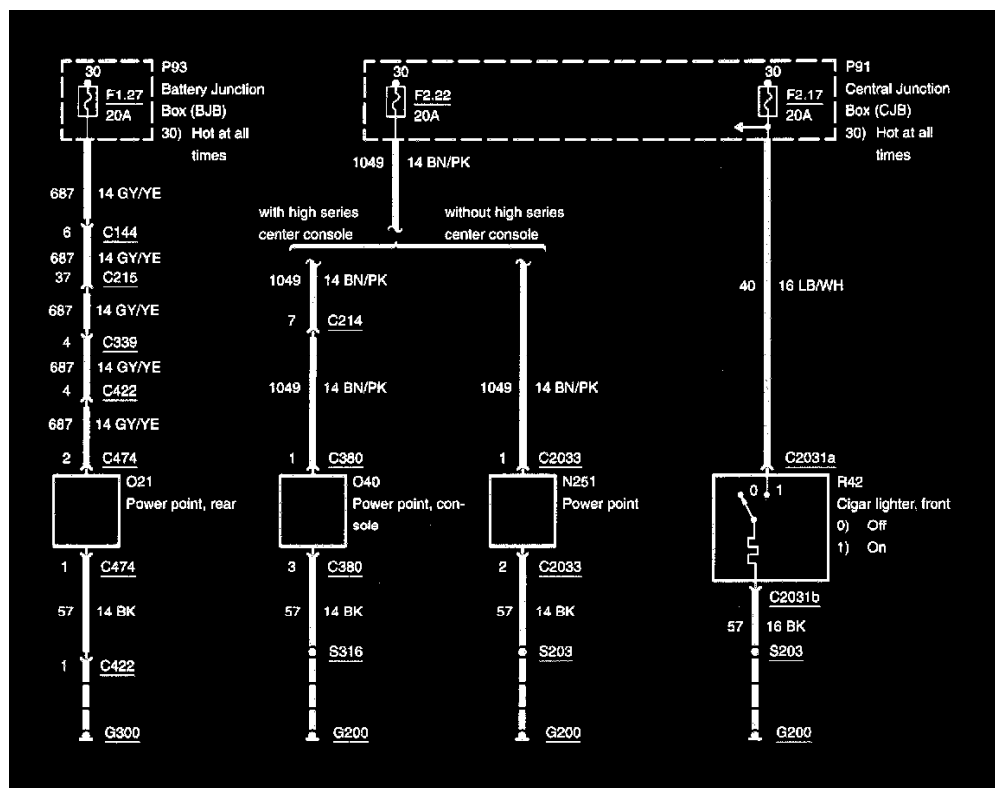


Diagram 501-12-00-1

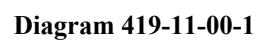
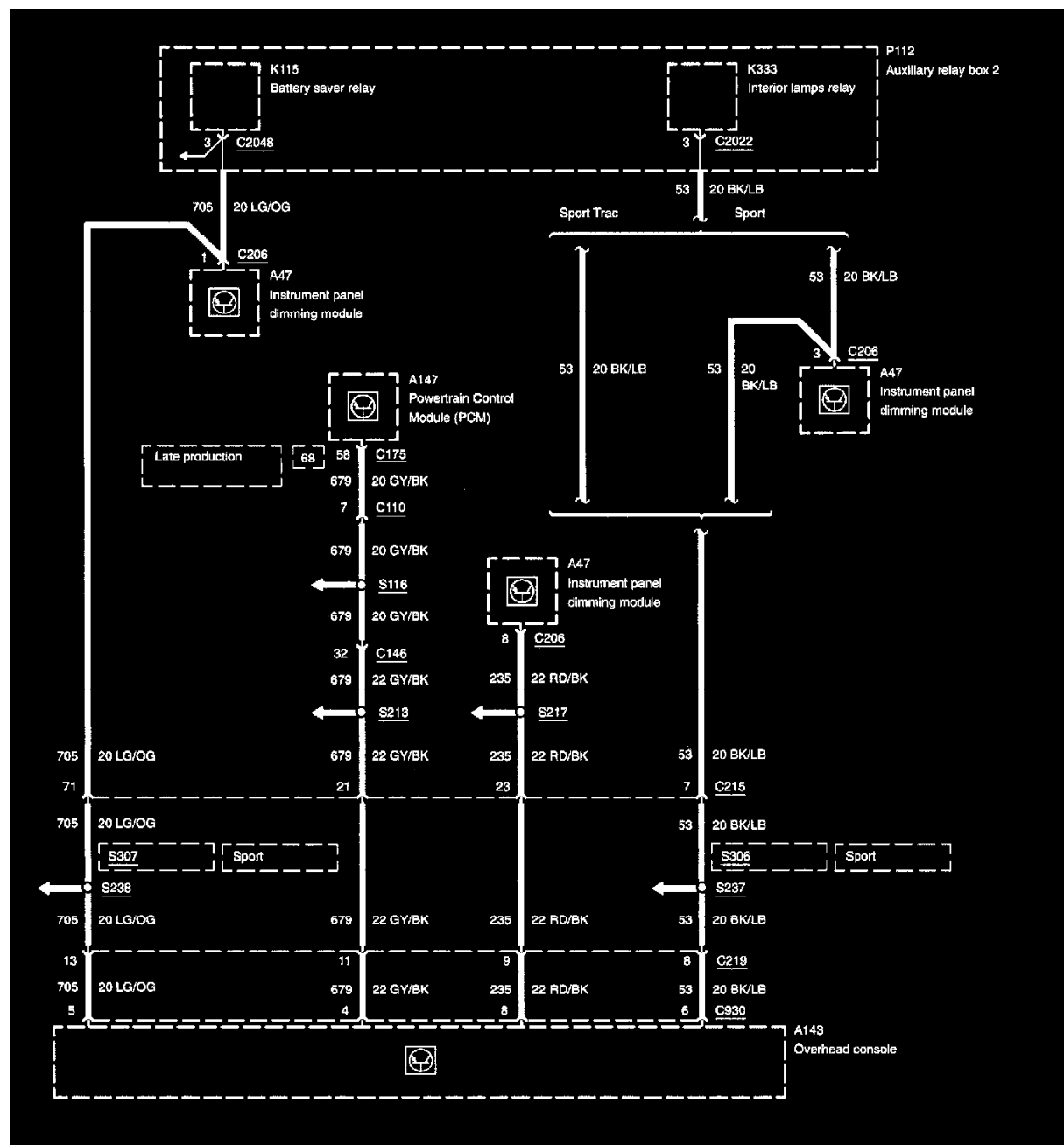


Diagram 419-11-00-1



System Diagram

DETAILED DIAGRAMS

[illegible]

Diagram 501-14-00-3

Sport Trac, With keyless entry, Early production

501-14-00-3

120 22 PK/LG

63

120 20 PK/LG

120 20 PK/LG

417-02-00-4

705 20 LG/OG

5

18

17

119 20 PK/YE

C510

119 20 PK/YE

7

C505

N204 Door lock switch, driver side

3) Lock

4) Unlock

1

57 20 BK

4

C505

57 20 BK

S500

G300

11

22

C309b

A256

Remote Anti-theft Personality (RAP) module

501-14-00-3

119 20 PK/YE

61

C215

119 20 PK/YE

120 20 PK/LG

S311

S310

119 20 PK/YE

5

4

C237

120 20 PK/LG

119 20 PK/YE

7

3

5

705 20 LG/OG

C605

N205 Door lock switch, passenger side

3) Lock

4) Unlock

1

57 20 BK

4

C605

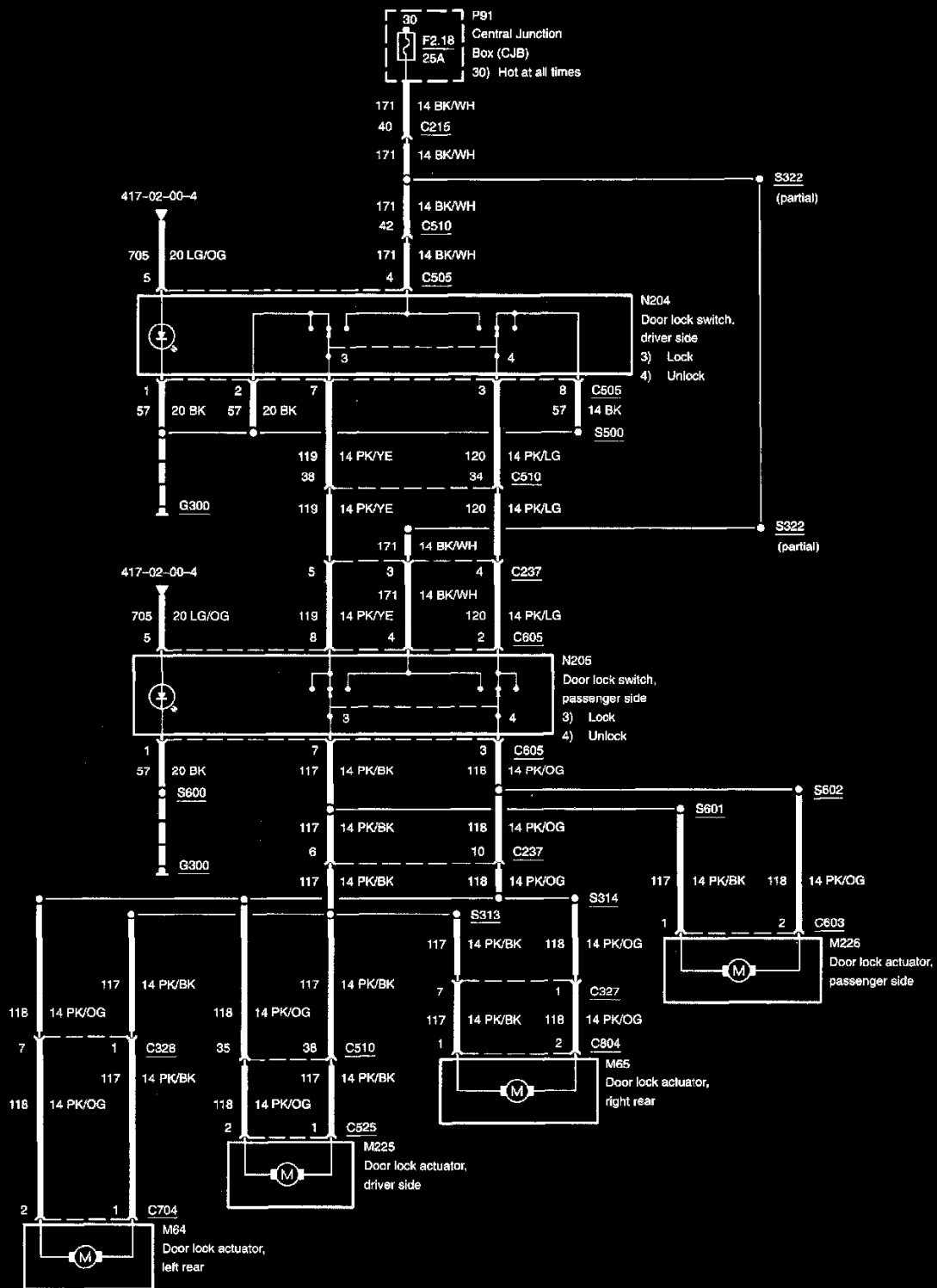
57 20 BK

S600

G300

417-02-00-4

Diagram 501-14-00-4

Sport Trac, Without keyless entry, Early production**Diagram 501-14-00-6**

Early production

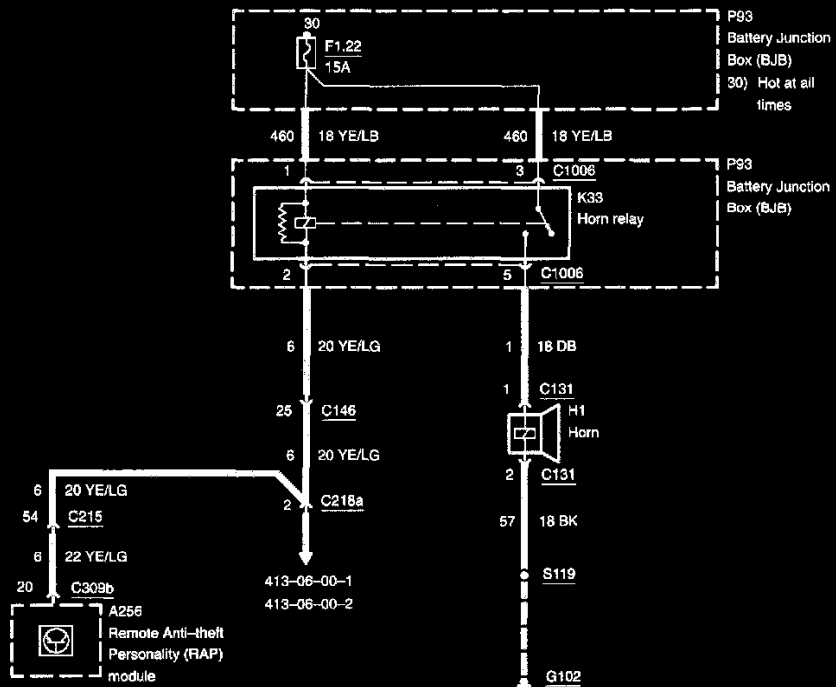


Diagram 501-14-00-7

Early production

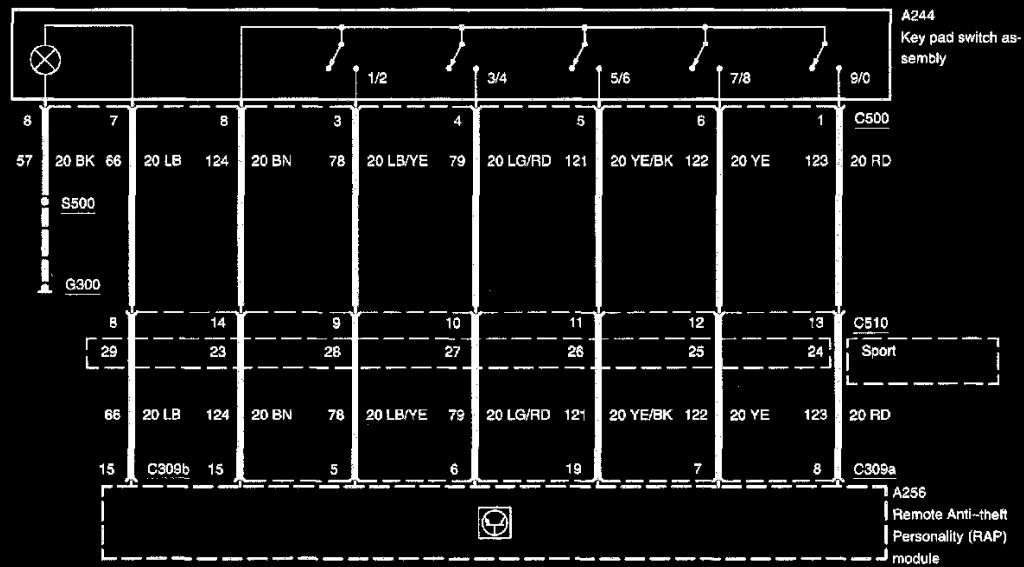


Diagram 501-14-00-8

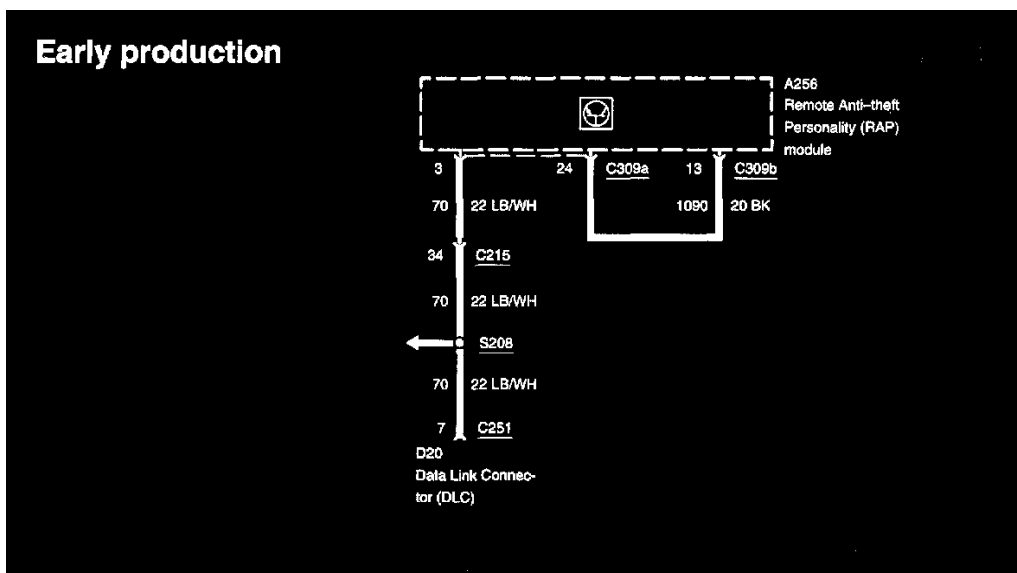


Diagram 501-14-00-9

[illegible]

Diagram 501-14-00-12

[illegible]

Diagram 501-14-00-13

[illegible]

Diagram 501-14-00-15

Late production

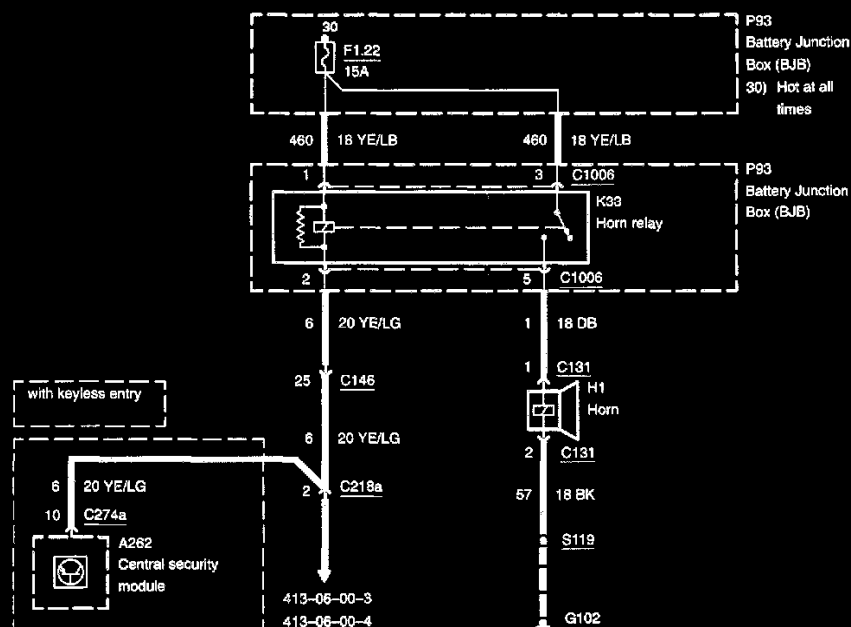


Diagram 501-14-00-16

Late production

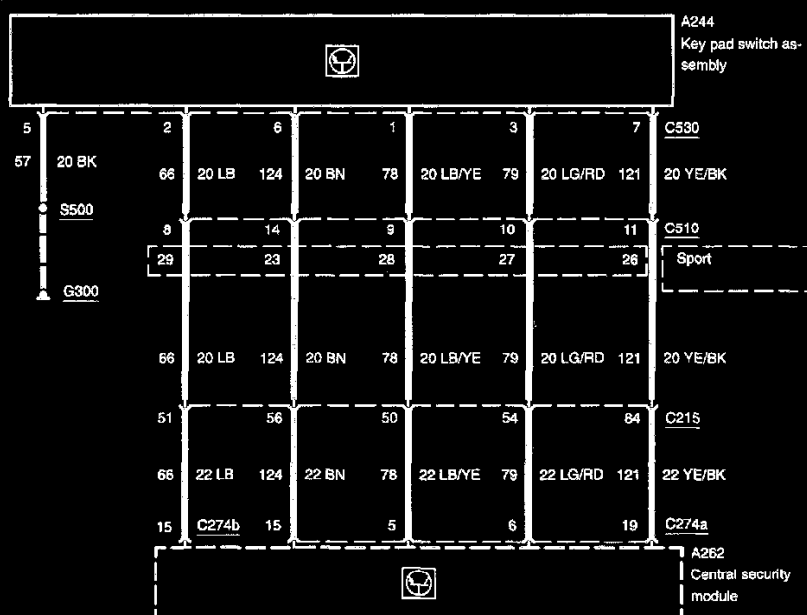


Diagram 501-14-00-17

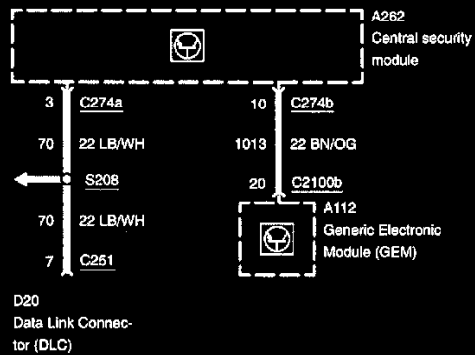
Late production

Diagram 501-14-00-18

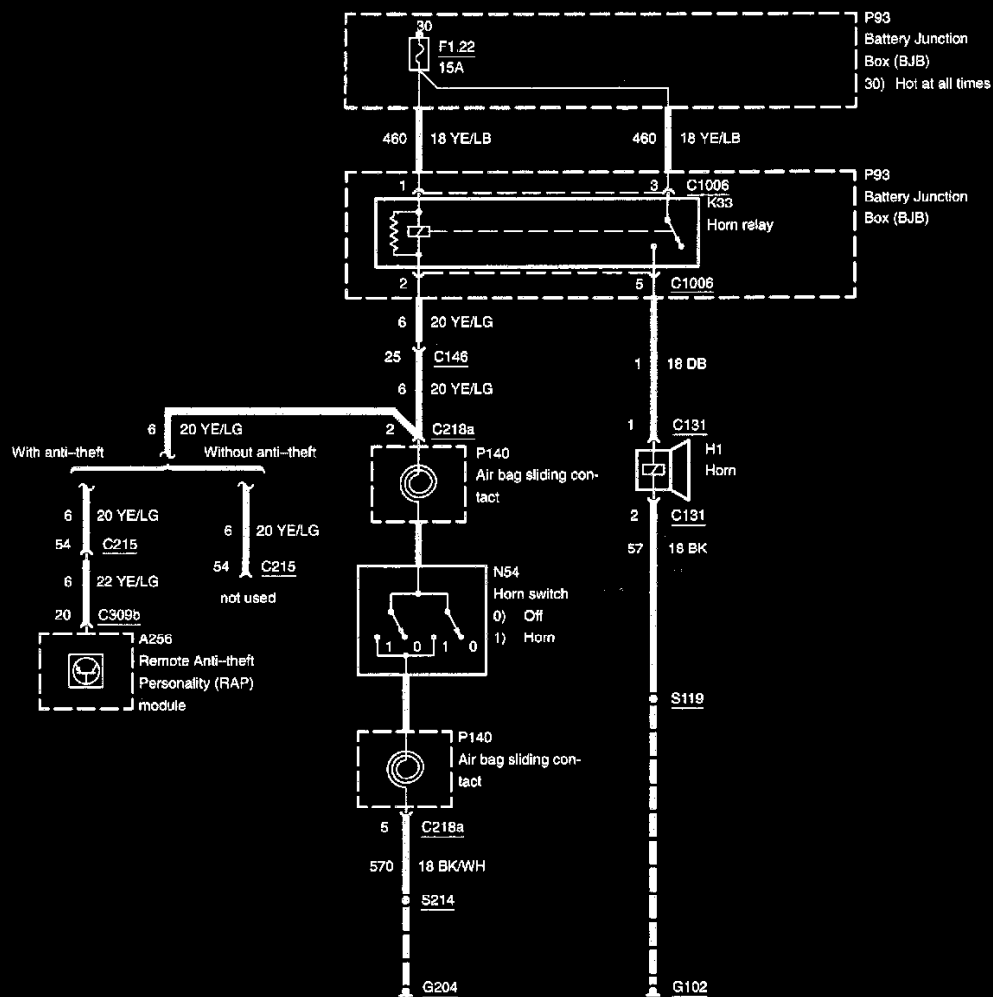
RELATED DIAGRAMS**Early production, Without speed control**

Diagram 413-06-00-1

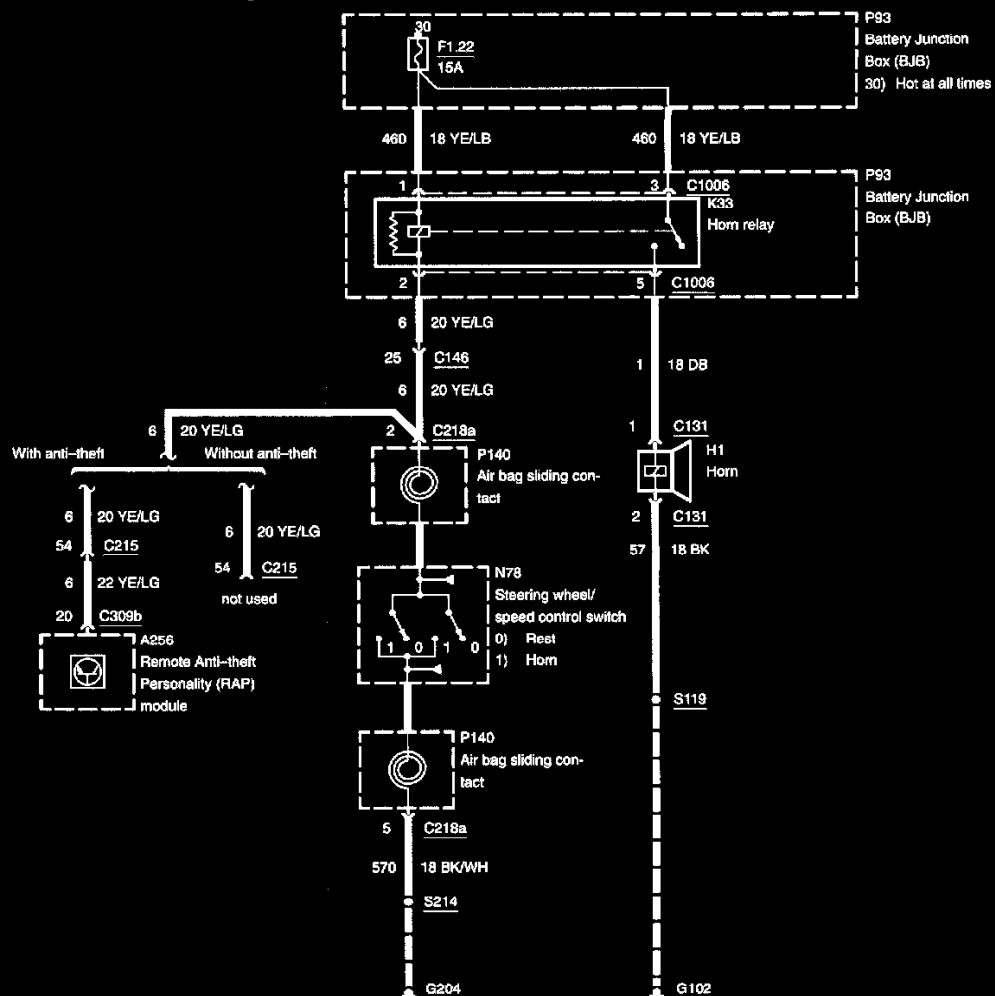
Early production, With speed control

Diagram 413-06-00-2

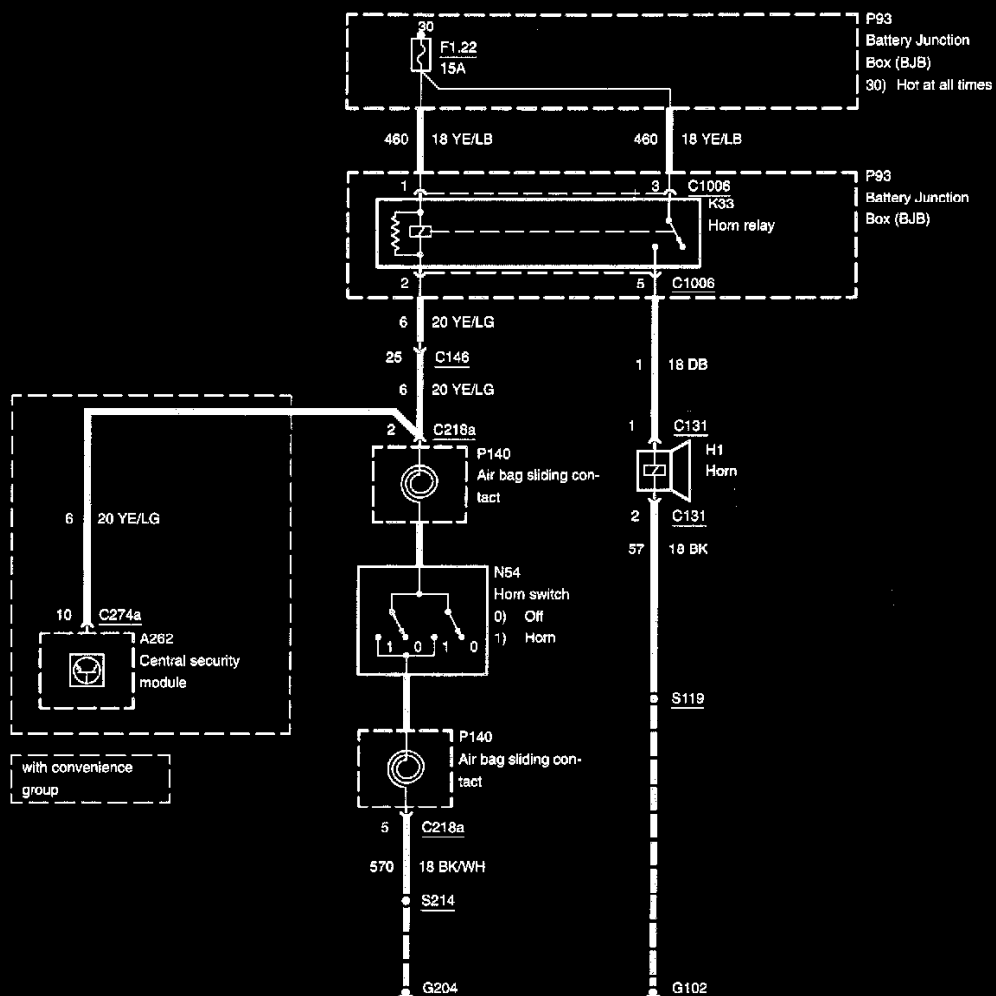
Late production, Without speed control

Diagram 413-06-00-3

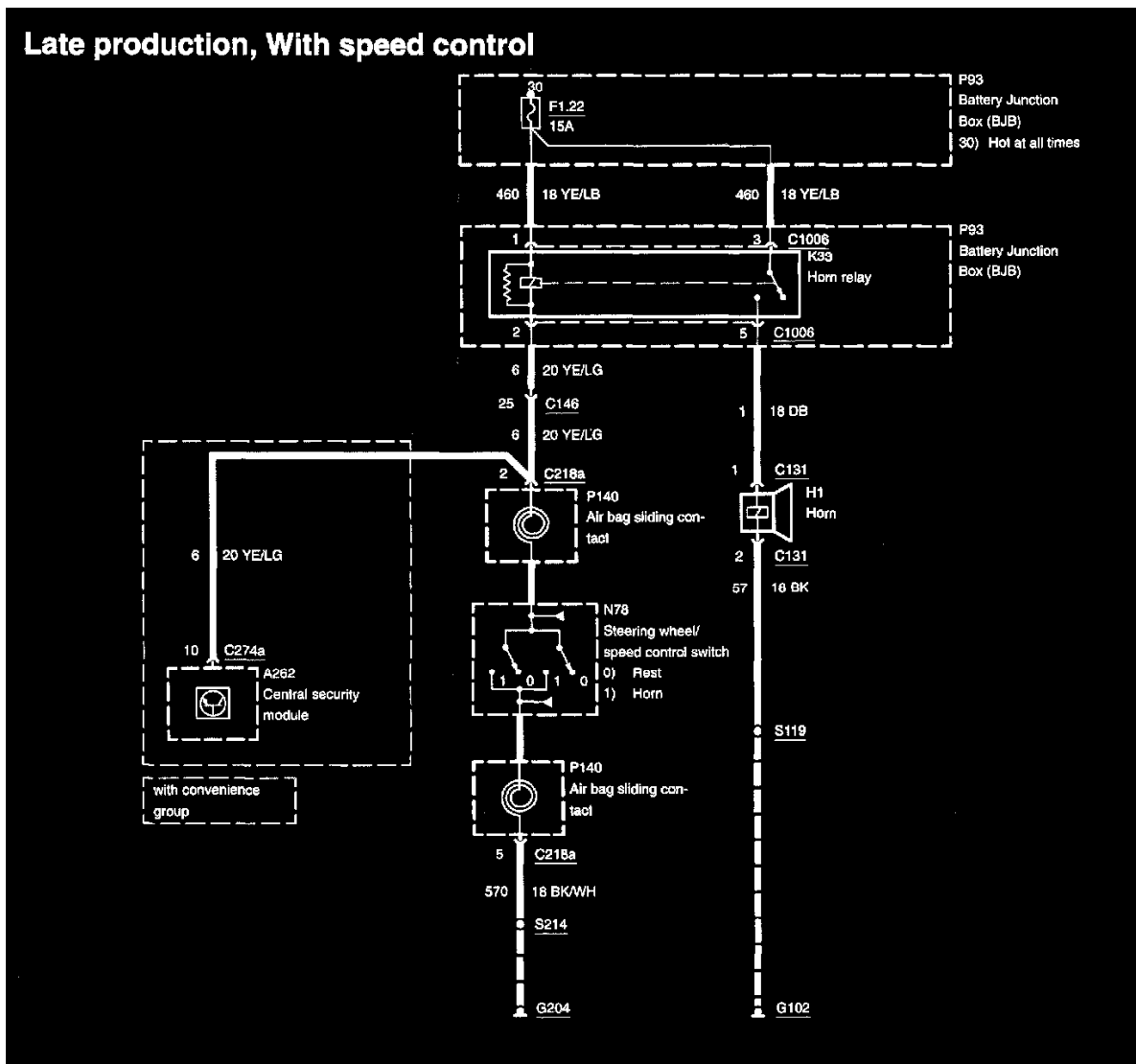


Diagram 413-06-00-4

Keyless Entry Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

System Diagram

Instrument Panel Illumination Diagrams

DETAILED DIAGRAMS

[illegible]

Diagram 413-00-00-4

Sport Trac, Without convenience group

Diagram 413-00-00-5

Diagram 413-00-00-6

RELATED DIAGRAMS

Sport Trac, With convenience group

The diagram illustrates the electrical system for the Sport Trac with the convenience group. Key components and connections include:

- Battery Junction Box (BJB):** Located at the top, it contains a 15A fuse (F1.35) and is connected to the 30V hot line at all times.
- Park Lamp Relay (K52):** A relay that controls the park lamps, connected to the BJB and the front park/turn lamps.
- Central Security Module (A262) and Remote Anti-theft Personality (RAP) Module (A256):** These modules are connected to the system for security and theft prevention.
- Instrument Panel Dimming Module (A47):** Controls the dimming of the instrument panel.
- Lamps:** The system includes front park/turn lamps (E164, E166), rear park/stop/turn lamps (E242, E243), and various ground points (G102, G105, G300).
- Wiring:** The diagram shows the flow of power from the battery through various relays and modules to the lamps, with specific wire colors and gauges indicated throughout.

Diagram 417-01-00-13

The diagram illustrates the 12V electrical system, starting from the Battery Junction Box (P93) at the top. The main power line (18 TN/WH) passes through a Main light switch (N113) and a relay (C205) before branching out. Key components and their connections include:

- Headlights:** Left (E164) and right (E166) Park/turn lamps, connected via C1023 and C1043 respectively. The right lamp also includes a Park lamp function.
- Fog Lamps:** Left (E242) and right (E243) Park/stop/turn lamps, connected via C4035 and C4032 respectively. A Fog lamp isolation relay (K337) is shown in a dashed box labeled "with fog lamps".
- Accessories:** A277 Belt minder module, A112 Generic Electronic Module (GEM), and A47 Instrument panel dimming module are connected to the system.
- Wiring Details:** Various wire colors and gauges are specified, such as 18 WH/BK, 18 BN, 20 BK, and 20 BN. Wire numbers like 1032, 33, 14, 2, 57, and 195 are used to identify specific wires.
- Production Variations:** Dashed boxes indicate "Early production" and "Late production" differences in the wiring harness.
- Grounding:** Ground points are labeled G102, G105, S406, and G300.

Diagram 417-01-00-14

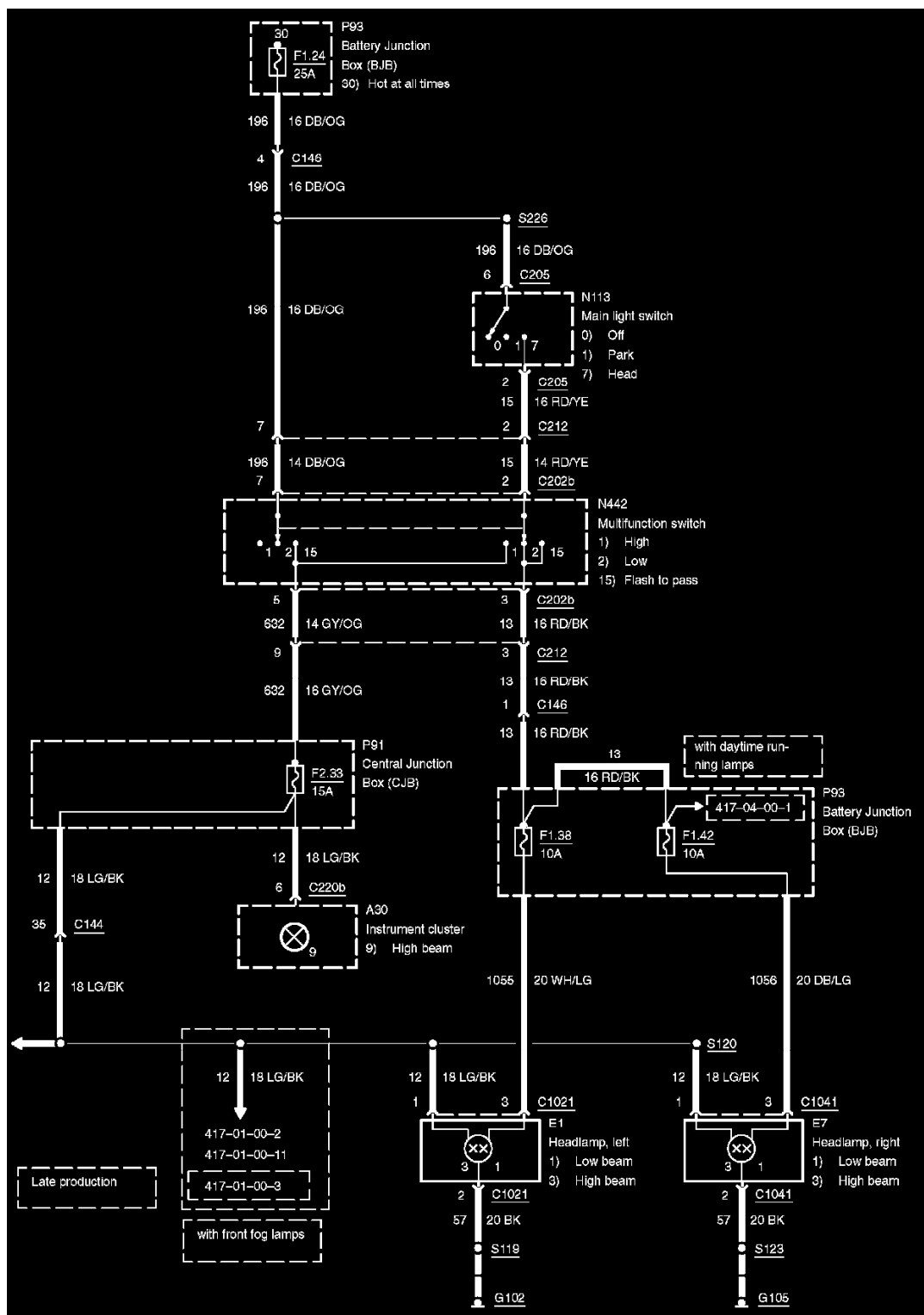
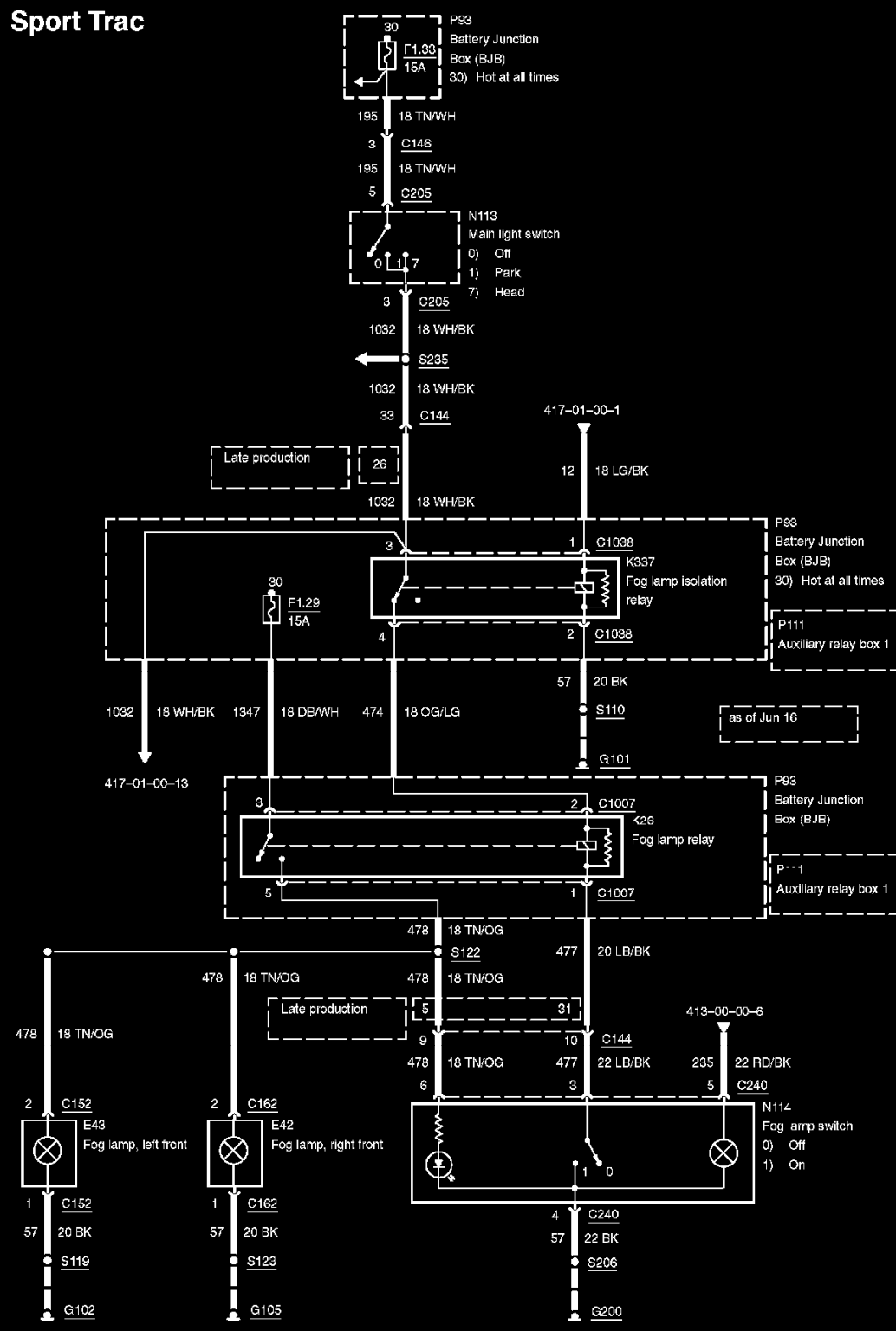
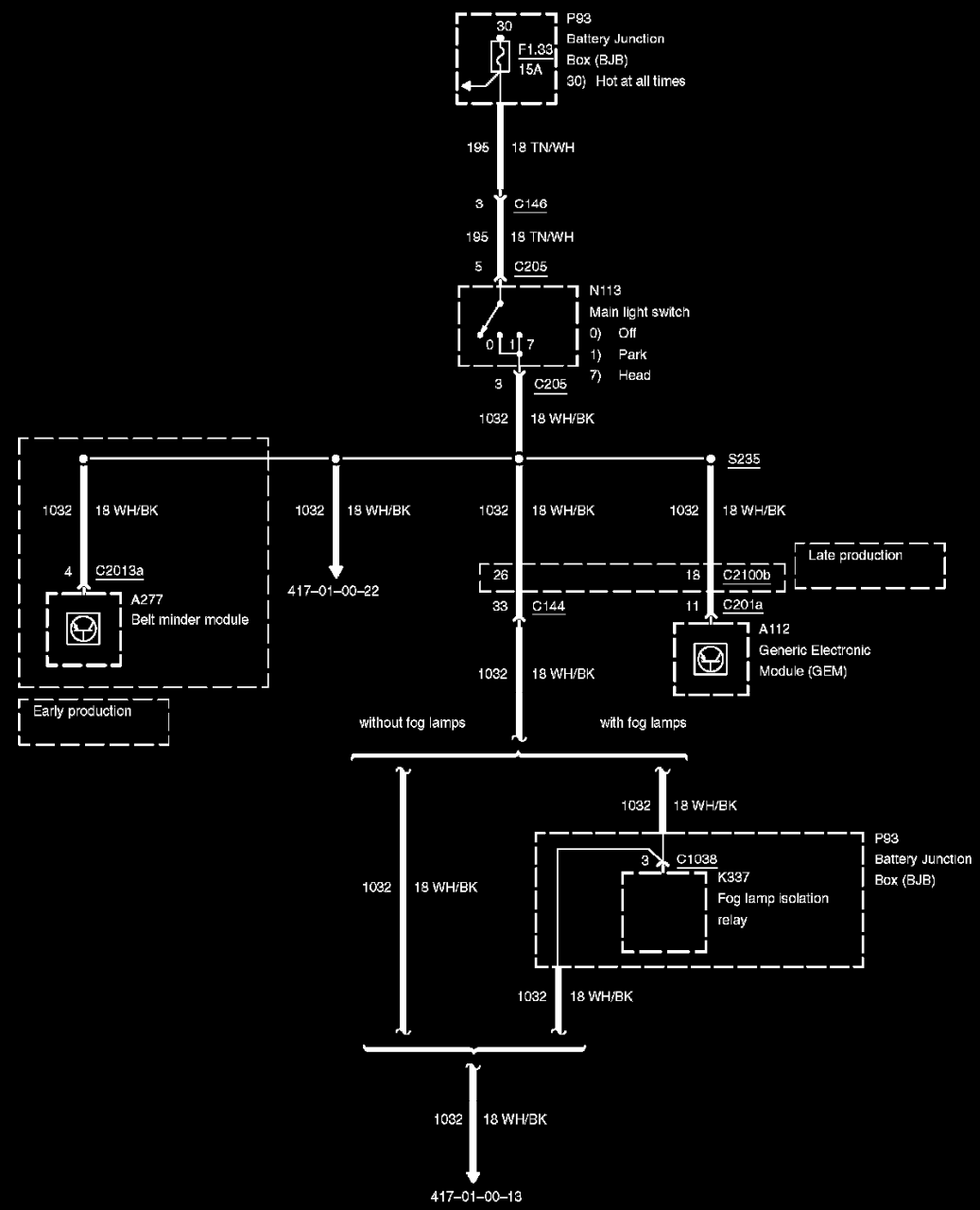


Diagram 417-01-00-1

Sport Trac**Diagram 417-01-00-11**

Sport Trac, With convenience group**Diagram 417-01-00-12**

Sport Trac, With convenience group

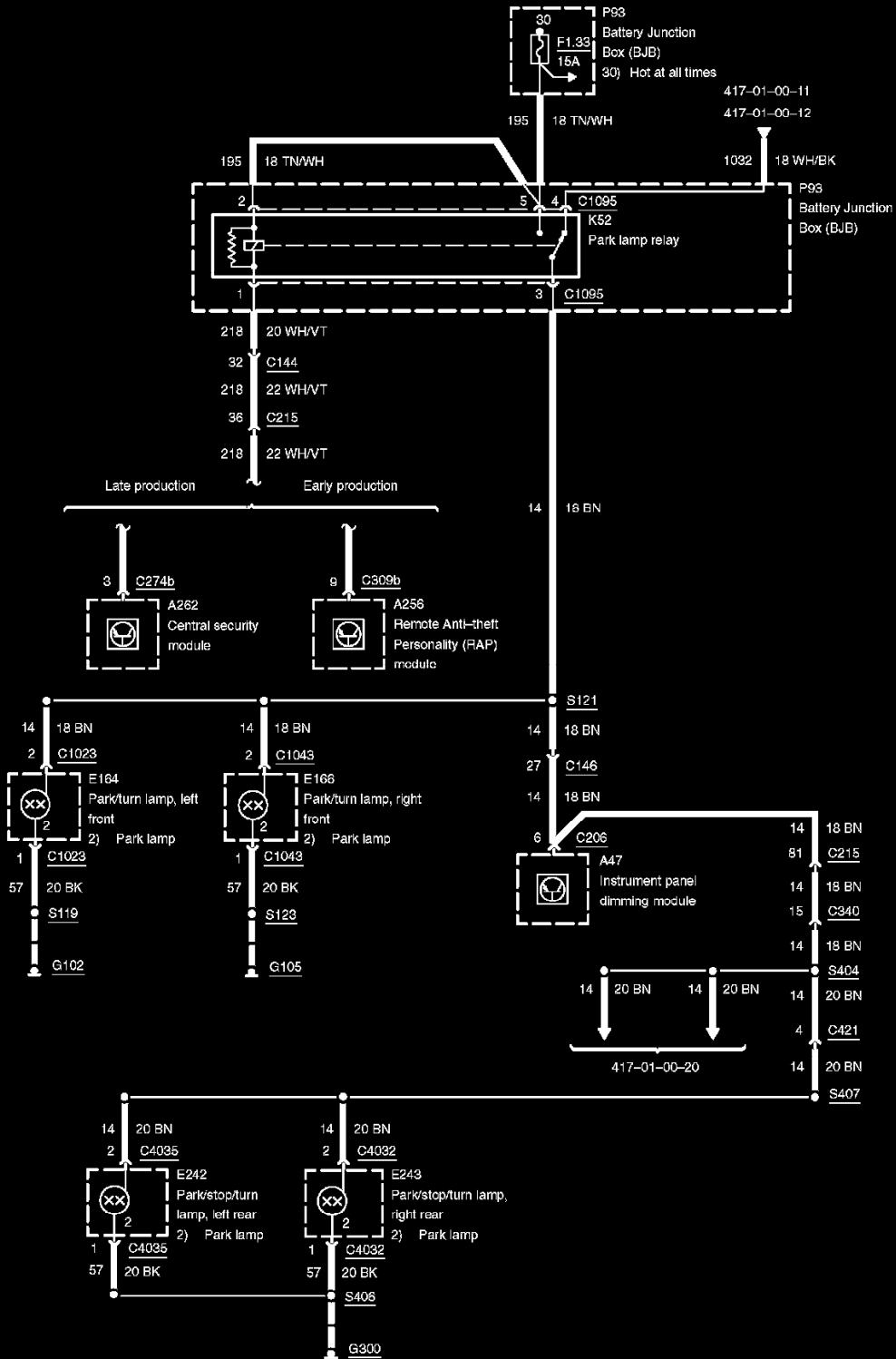
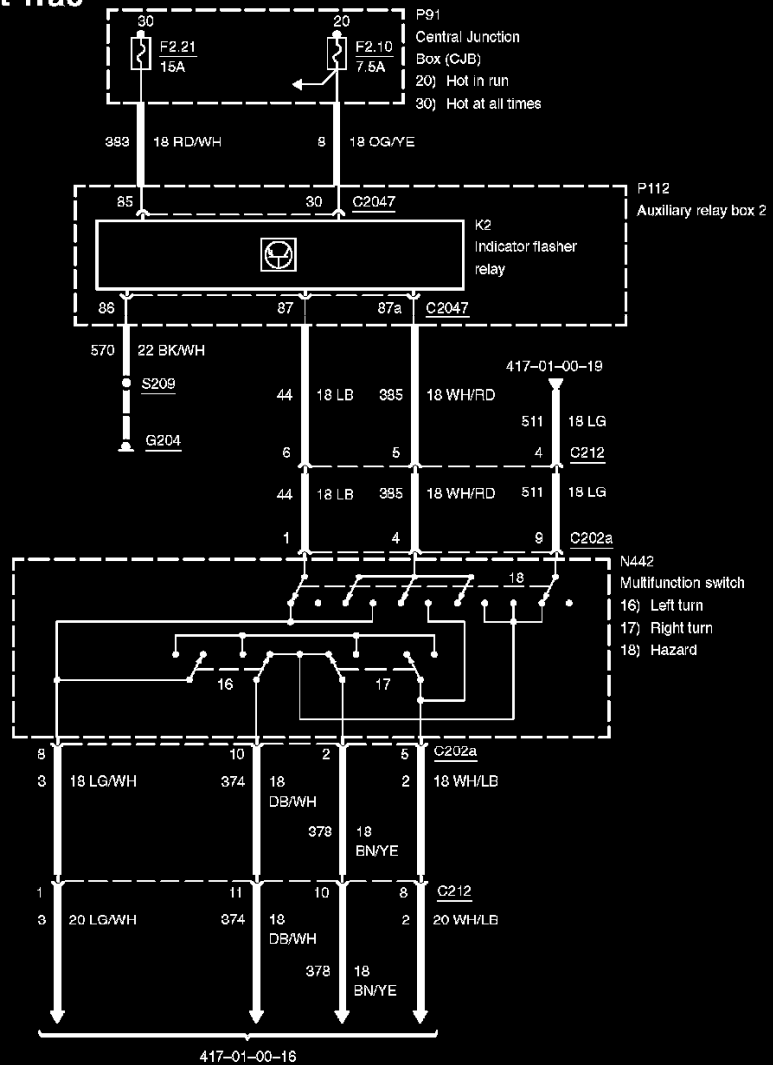


Diagram 417-01-00-13

The diagram illustrates the electrical wiring for the vehicle's lighting system. Key components and their connections are as follows:

- Battery Junction Box (BJB):** P83, 30) Hot at all times. Connected to the main power source.
- Main light switch:** N113, with positions 0) Off, 1) Park, and 7) Head.
- Early production components:**
 - Belt minder module:** A277, connected via C2013a (4) and 1032 (18 WH/BK).
 - Park/turn lamp, left front:** E164, connected via C1023 (14, 2) and 1032 (18 BN).
 - Park/turn lamp, right front:** E166, connected via C1043 (14, 2) and 1032 (18 BN).
- Late production components:**
 - Generic Electronic Module (GEM):** A112, connected via C201a (11) and 1032 (18 WH/BK).
 - Instrument panel dimming module:** A47, connected via C206 (6) and 1032 (18 BN).
 - Park/stop/turn lamp, left rear:** E242, connected via C4035 (14, 2) and 1032 (20 BN).
 - Park/stop/turn lamp, right rear:** E243, connected via C4032 (14, 2) and 1032 (20 BN).
- Other components and wiring:**
 - Fog lamp isolation relay:** K837, connected via C1038 (3) and 1032 (18 WH/BK).
 - Wiring paths:** Various wires (e.g., 195, 3, 5, 1032, 14, 2, 57, 15A) connect the components, with some labeled with wire colors (e.g., 18 TN/WH, 18 WH/BK, 18 BN, 20 BN, 20 BK).
 - Labels:** "Early production", "Late production", "with fog lamps", and "S121 (partial)" are used to categorize or identify specific parts of the system.

Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**

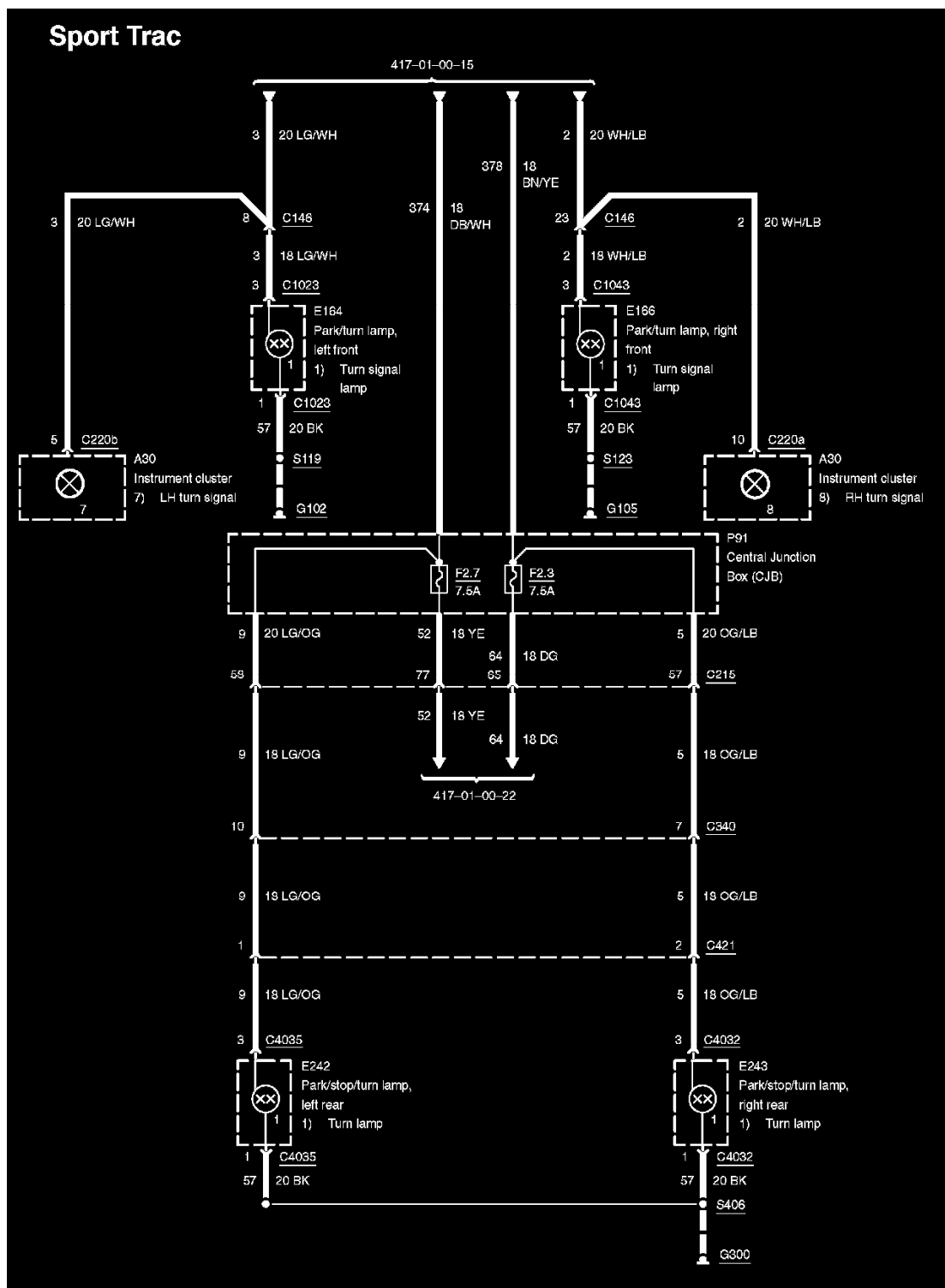
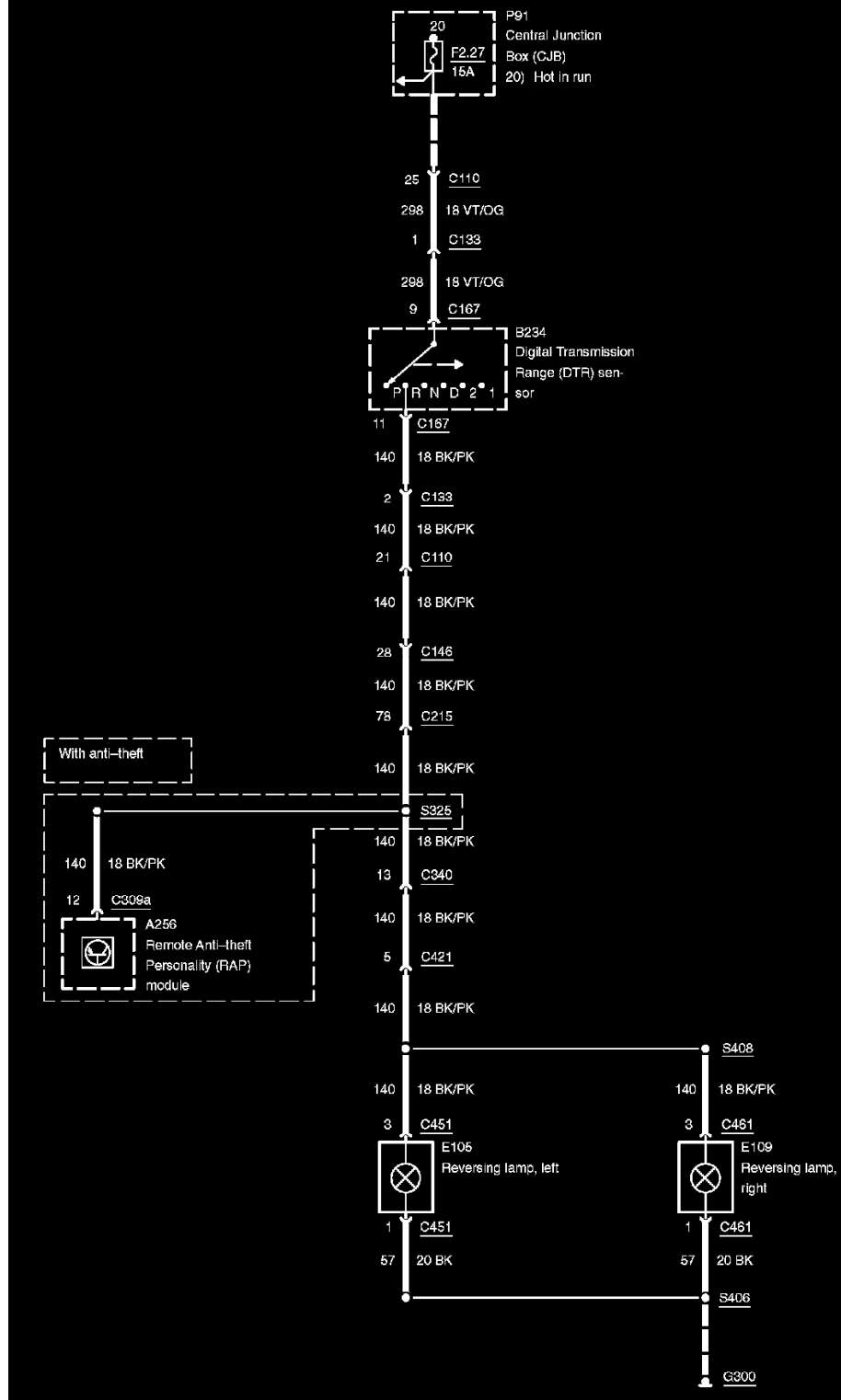
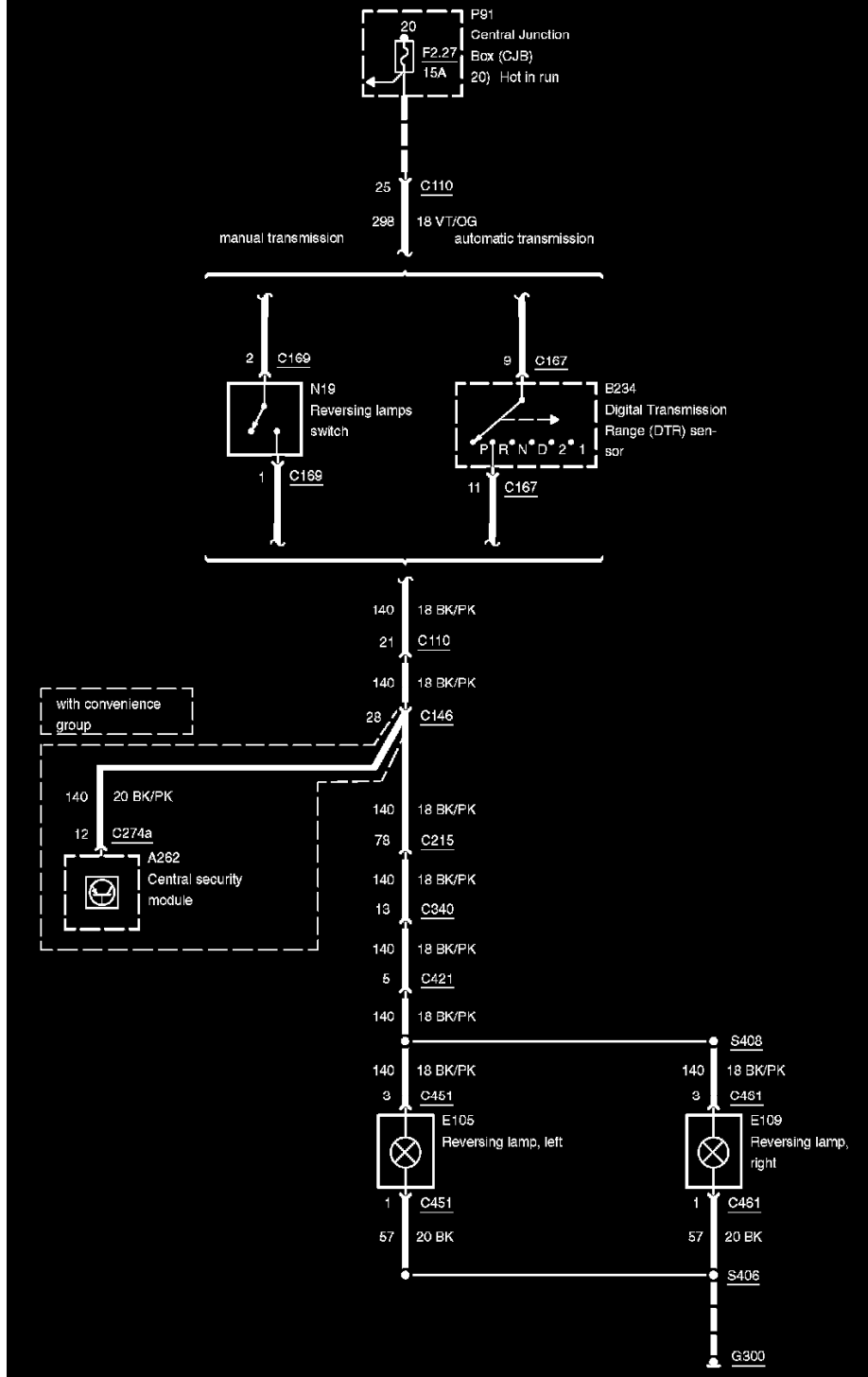


Diagram 417-01-00-16

Sport Trac, Early production**Diagram 417-01-00-17**

Sport Trac, Late production**Diagram 417-01-00-18**

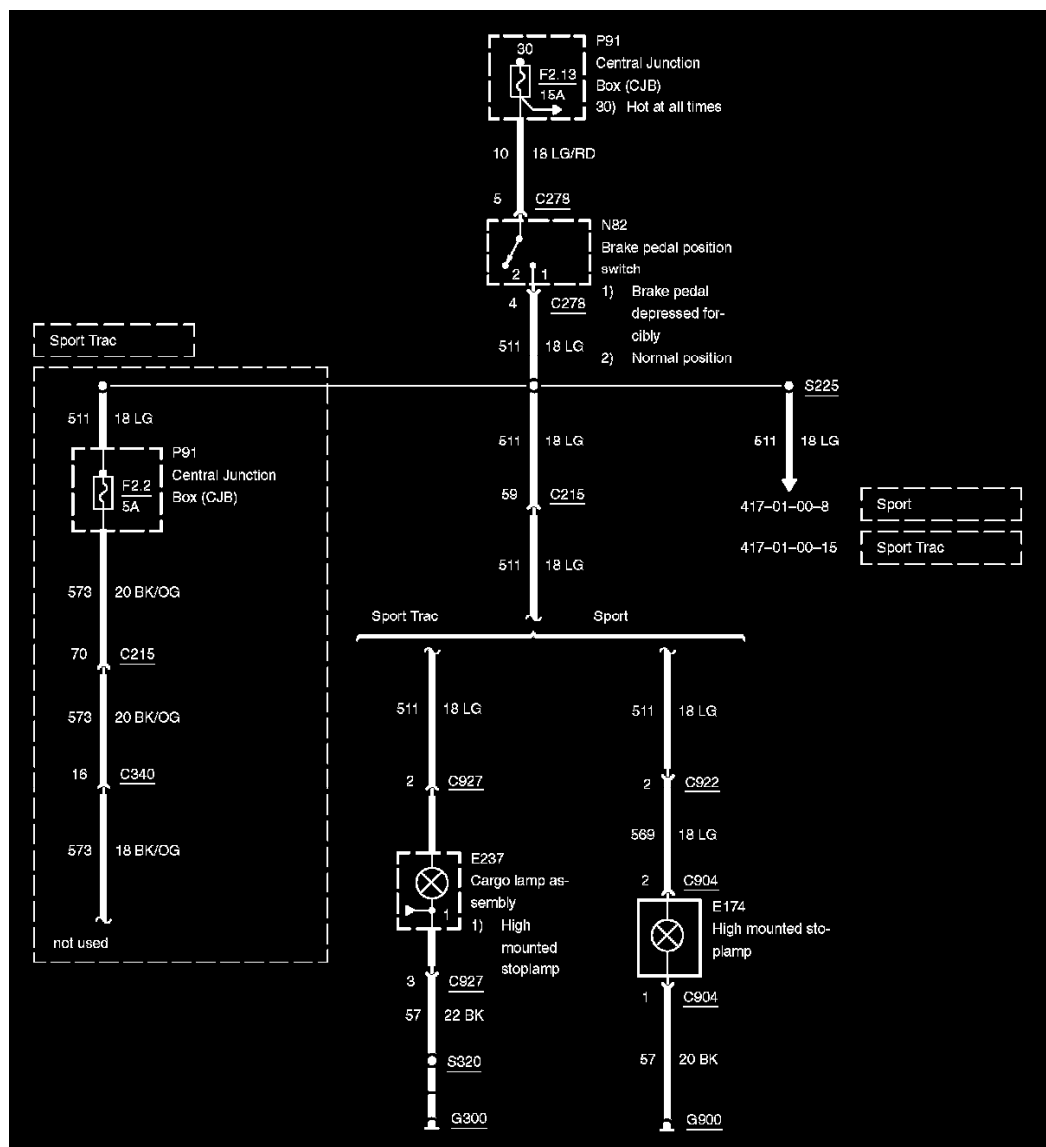


Diagram 417-01-00-19

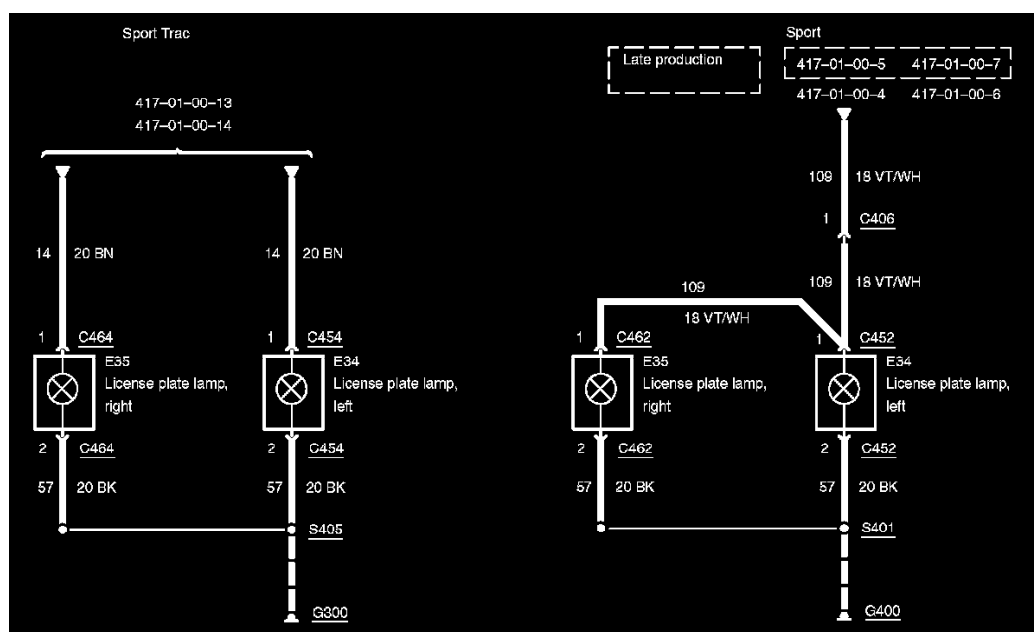


Diagram 417-01-00-20

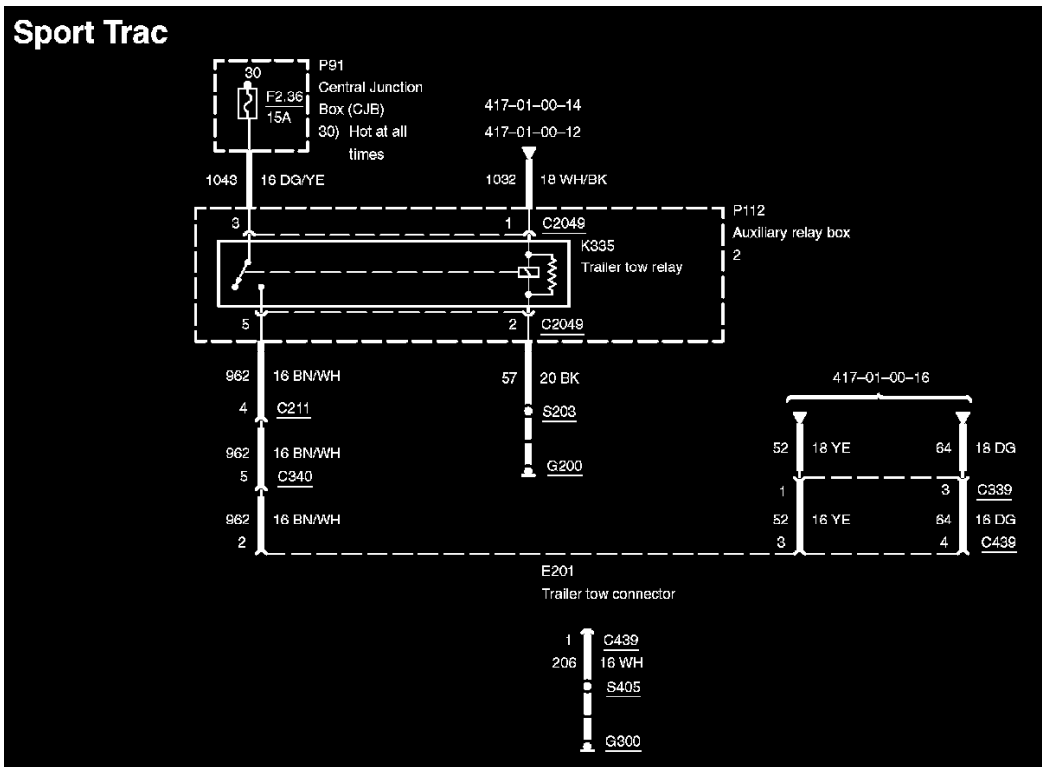


Diagram 417-01-00-22

RELATED DIAGRAMS

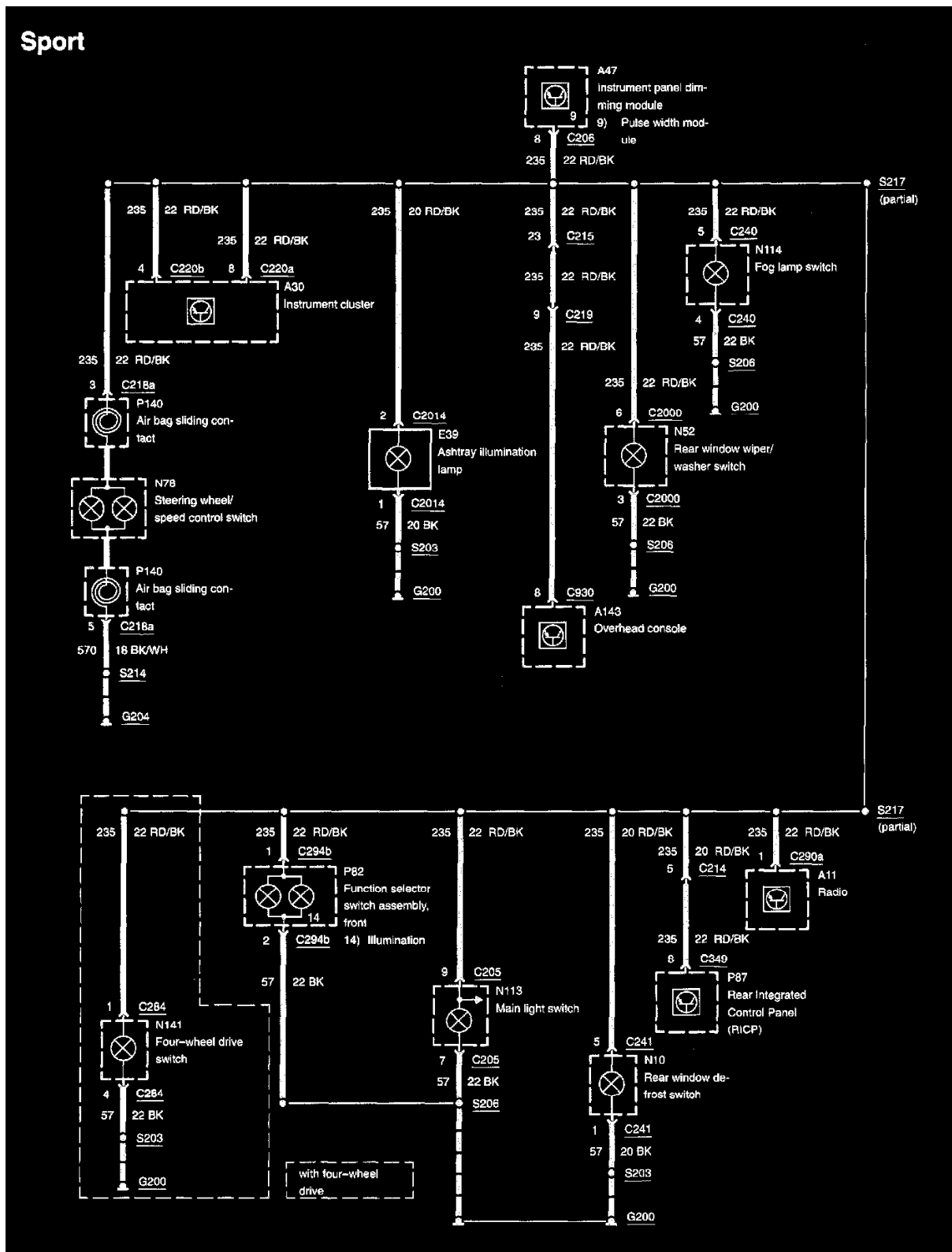


Diagram 413-00-00-3

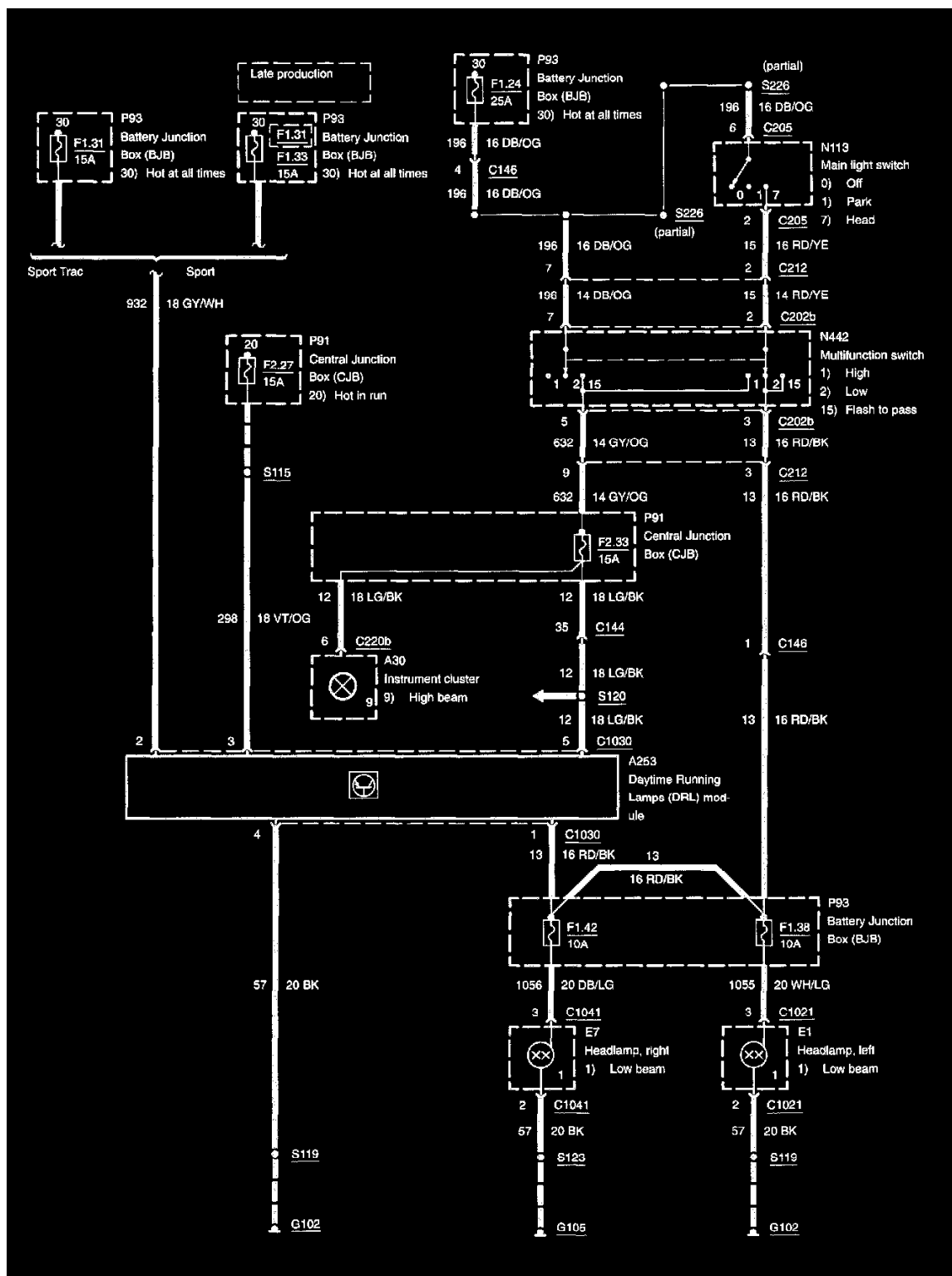


Diagram 417-04-00-1

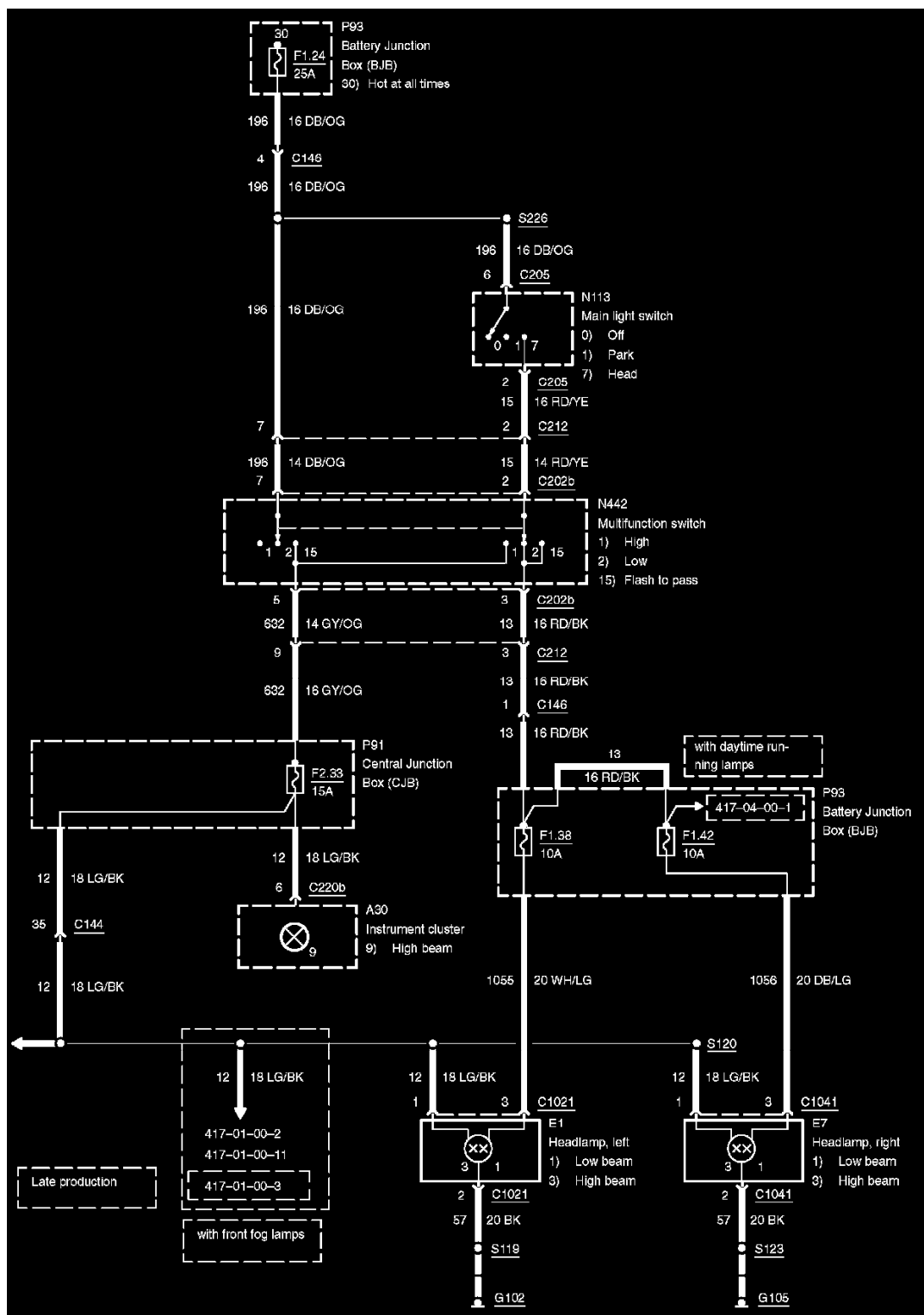


Diagram 417-01-00-1

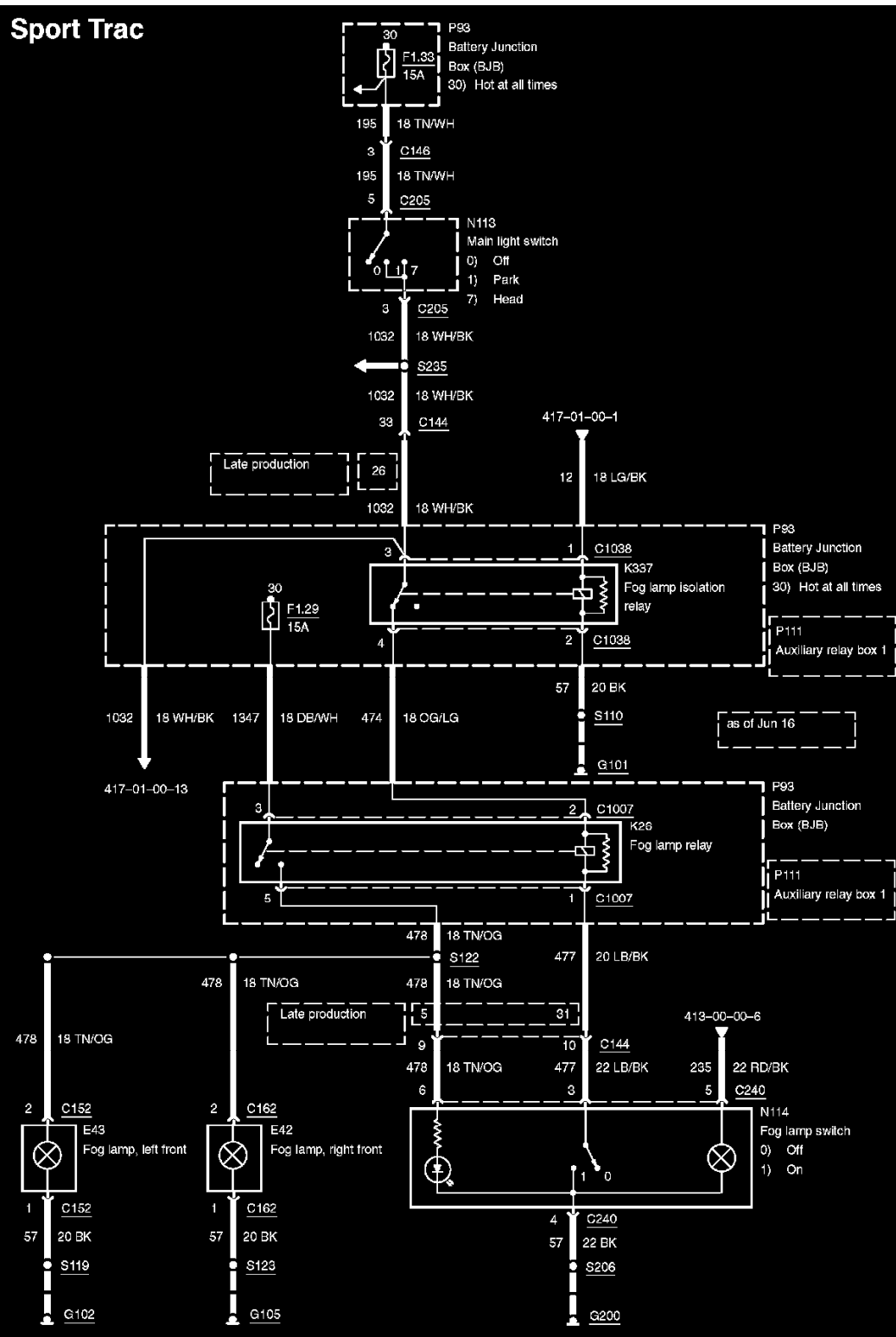


Diagram 417-01-00-11

Sport Trac, With convenience group

The diagram illustrates the electrical system for the Sport Trac with the convenience group. It shows the power distribution from the battery junction box (P93) through various components to the fog lamps. Key components and wiring details include:

- Battery Junction Box (BJB):** P93, 30, 15A, 18 TN/WH.
- Main Light Switch (N113):** 0 (Off), 1 (Park), 7 (Head), 3, 5, 195, 3, 18 TN/WH, C146, C205.
- Belt Minder Module (A277):** 1032 18 WH/BK, 4, C2013a, Early production.
- Generic Electronic Module (GEM) (A112):** 1032 18 WH/BK, 11, C201a, Late production.
- Fog Lamp Isolation Relay (K337):** 1032 18 WH/BK, 3, C1038, Fog lamp isolation relay.
- Wiring Gauges and Colors:** 18 TN/WH, 18 WH/BK, 1032 18 WH/BK, 417-01-00-22, 417-01-00-13.

Diagram 417-01-00-12

Sport Trac, With convenience group

The diagram illustrates the electrical system for a Sport Trac vehicle equipped with a convenience group. It shows the following components and their connections:

- Battery Junction Box (BJB):** Labeled P93, containing F1.35 (15A) and 30J (Hot at all times).
- Park Lamp Relay:** Labeled K52, controlled by C1095.
- Security Modules:** A262 (Central security module) and A256 (Remote Anti-theft Personality (RAP) module).
- Lamps:** E164 (Park/turn lamp, left front), E166 (Park/turn lamp, right front), E242 (Park/stop/turn lamp, left rear), and E243 (Park/stop/turn lamp, right rear).
- Instrument Panel Dimming Module:** Labeled A47.
- Wiring Harnesses:** Various harnesses are shown, including 18 TN/WH, 20 WH/VT, 22 WH/VT, 18 WH/BK, 18 BN, 20 BK, 20 BN, and 20 BK.
- Connectors and Terminals:** Various connectors (C1023, C1043, C1043, C4035, C4032) and terminals (S119, S123, S121, S404, S407, S406, G300) are labeled.
- Wiring Paths:** The diagram shows the flow of power from the battery through various relays and modules to the lamps and other components.

Diagram 417-01-00-13

Sport Trac, Lower option content

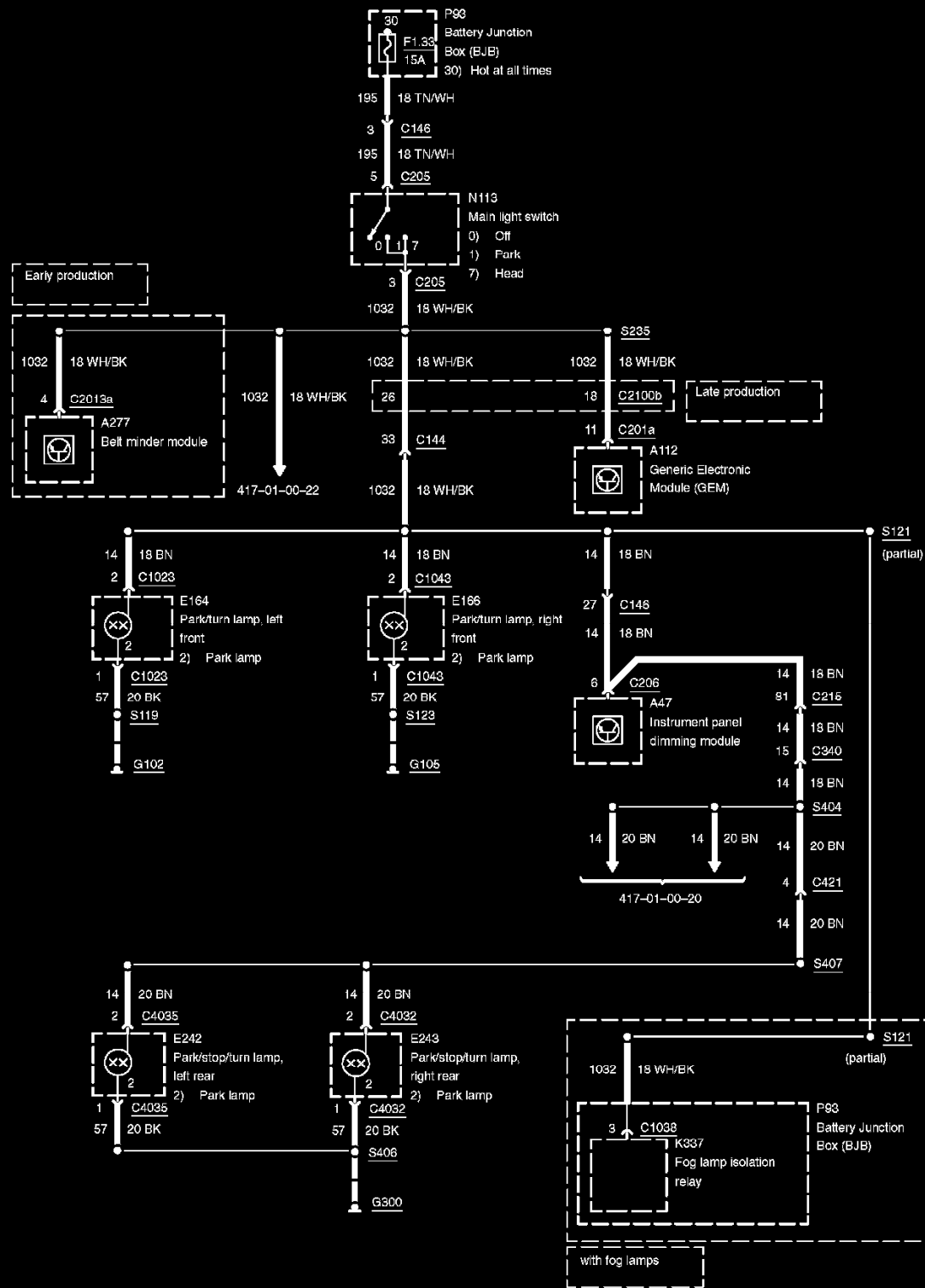
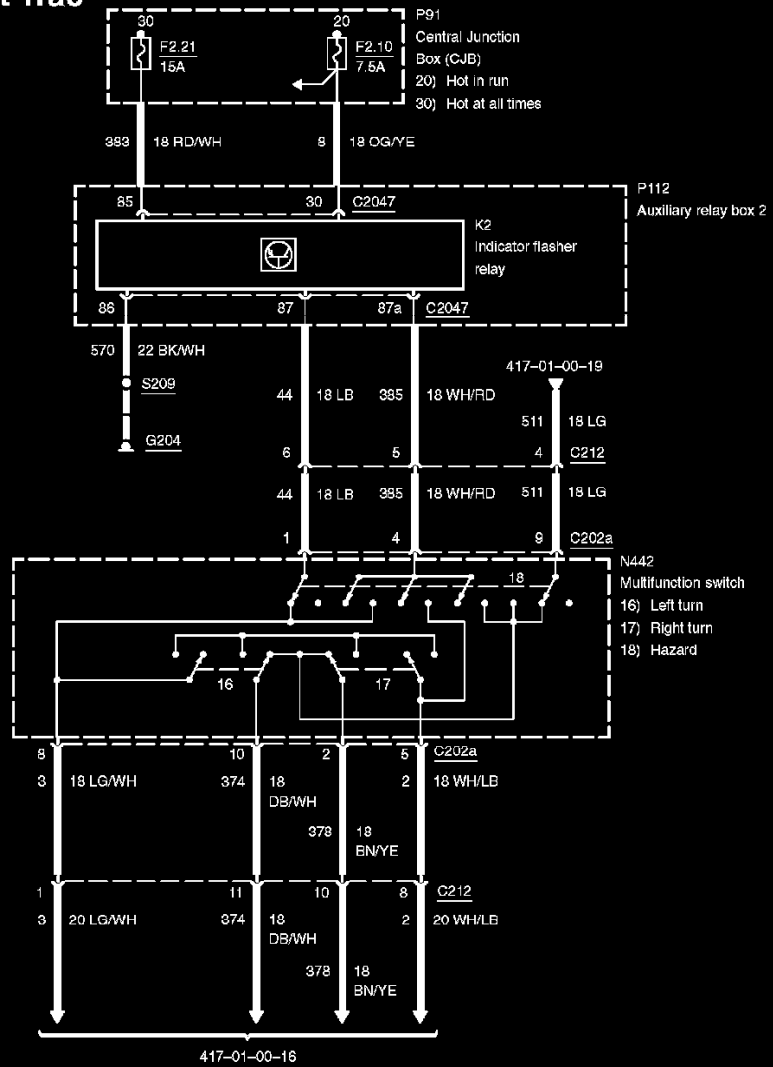


Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**

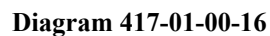


Diagram 417-01-00-16

Sport Trac, Early production

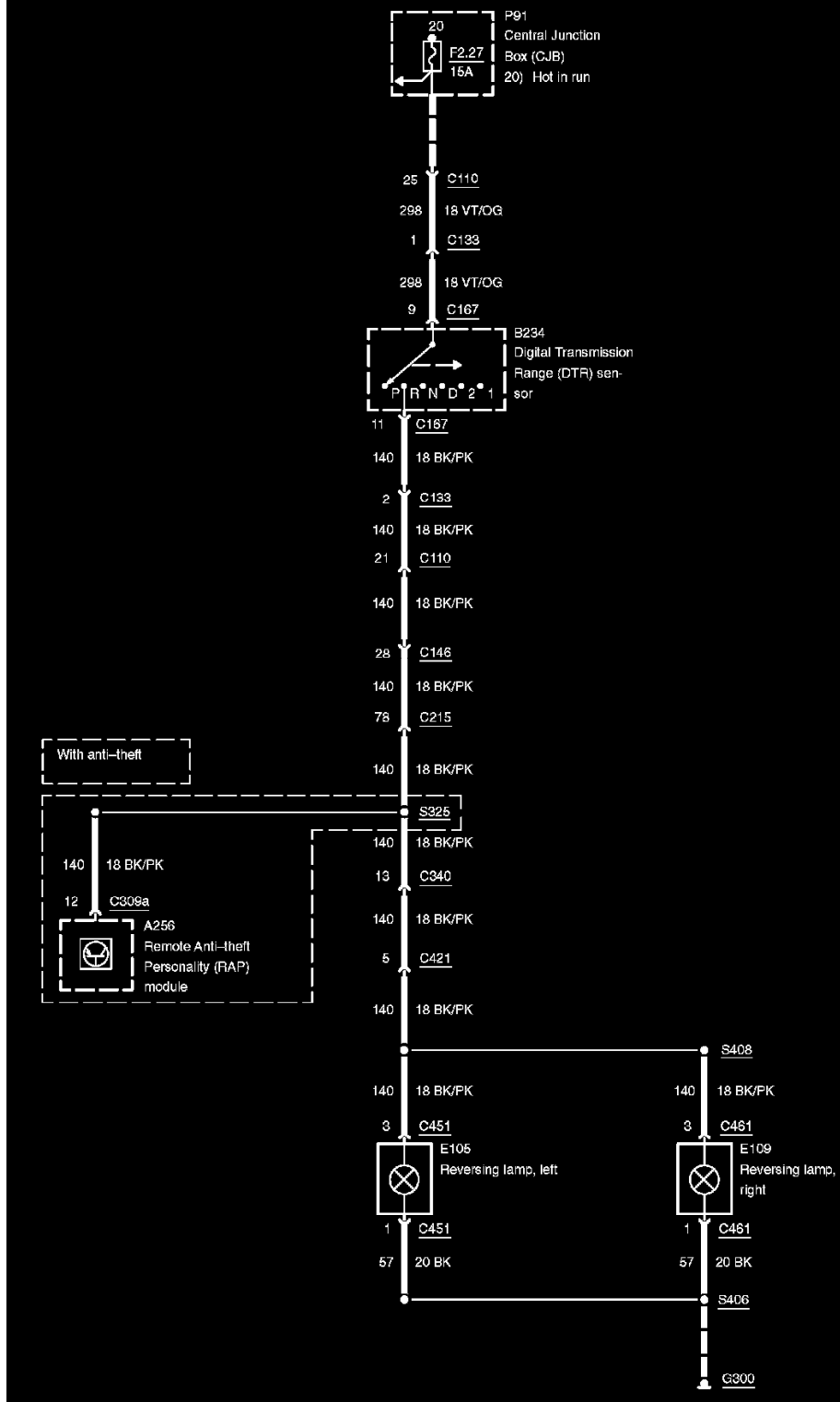


Diagram 417-01-00-17

Sport Trac, Late production

The diagram illustrates the electrical system for the Sport Trac, Late production. It shows the power flow from the Central Junction Box (CJB) through various components and relays.

Central Junction Box (CJB): P91, F2.27 15A, 20 Hot in run.

Transmission: 25 manual transmission, 298 18 VT/OG automatic transmission.

Reversing Lamps: N19 Reversing lamps switch, 2 C169, 1 C169, 9 C167, 11 C167.

Digital Transmission Range (DTR) sensor: B234, P, R, N, D, 2, 1.

Central security module: A262, C274a, 12, 140, 20 BK/PK.

Reversing Lamps: E105 Reversing lamp, left, 1 C451, 57 20 BK, E109 Reversing lamp, right, 1 C451, 57 20 BK.

Other components: 140 18 BK/PK, 21 C110, 140 18 BK/PK, 28 C146, 140 18 BK/PK, 78 C215, 140 18 BK/PK, 13 C340, 140 18 BK/PK, 5 C421, 140 18 BK/PK, 140 18 BK/PK, 3 C451, S408, 140 18 BK/PK, C451, S406, G300.

Diagram 417-01-00-18

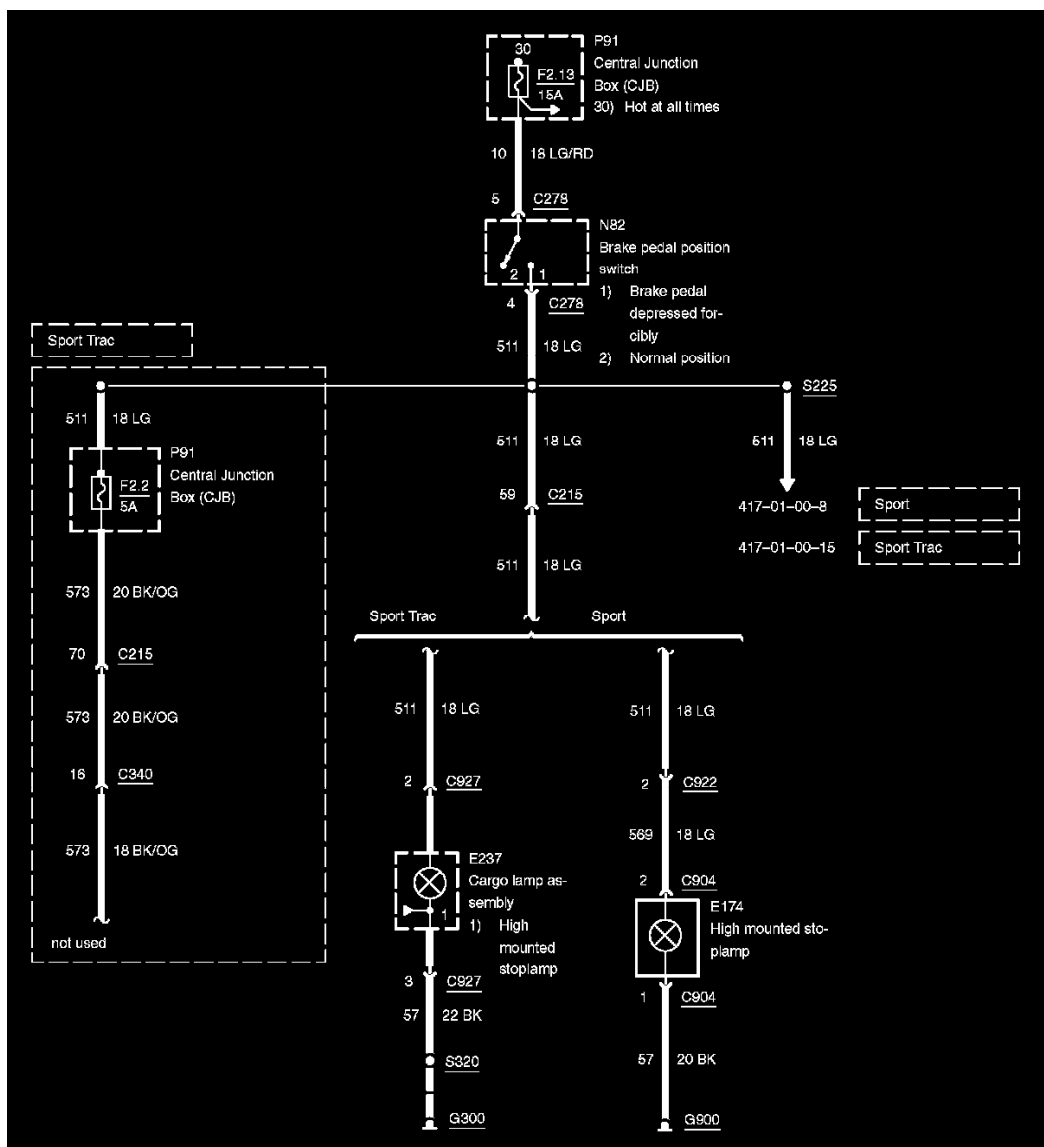


Diagram 417-01-00-19

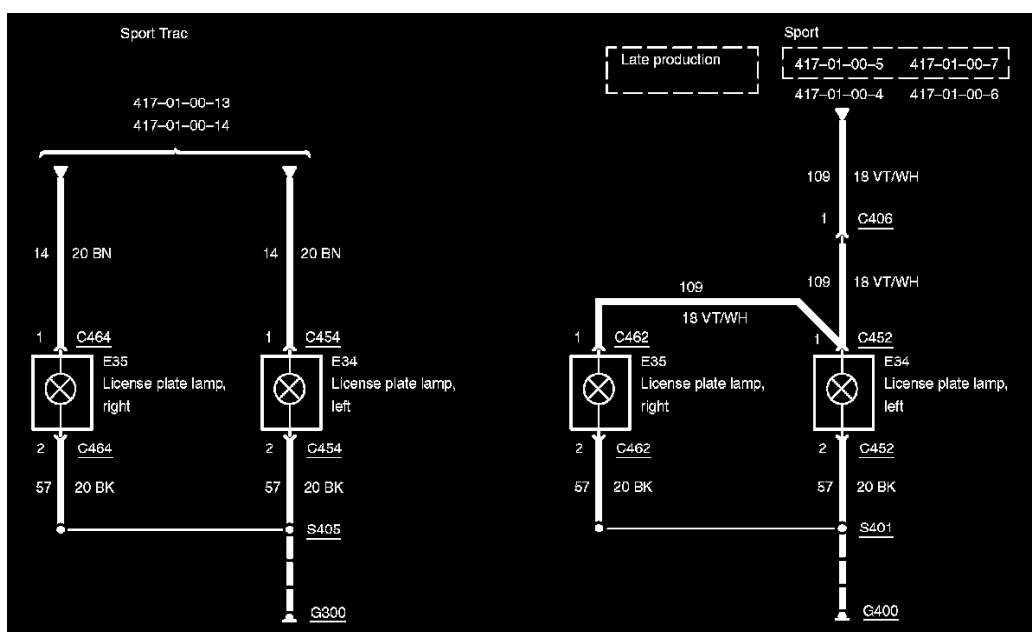
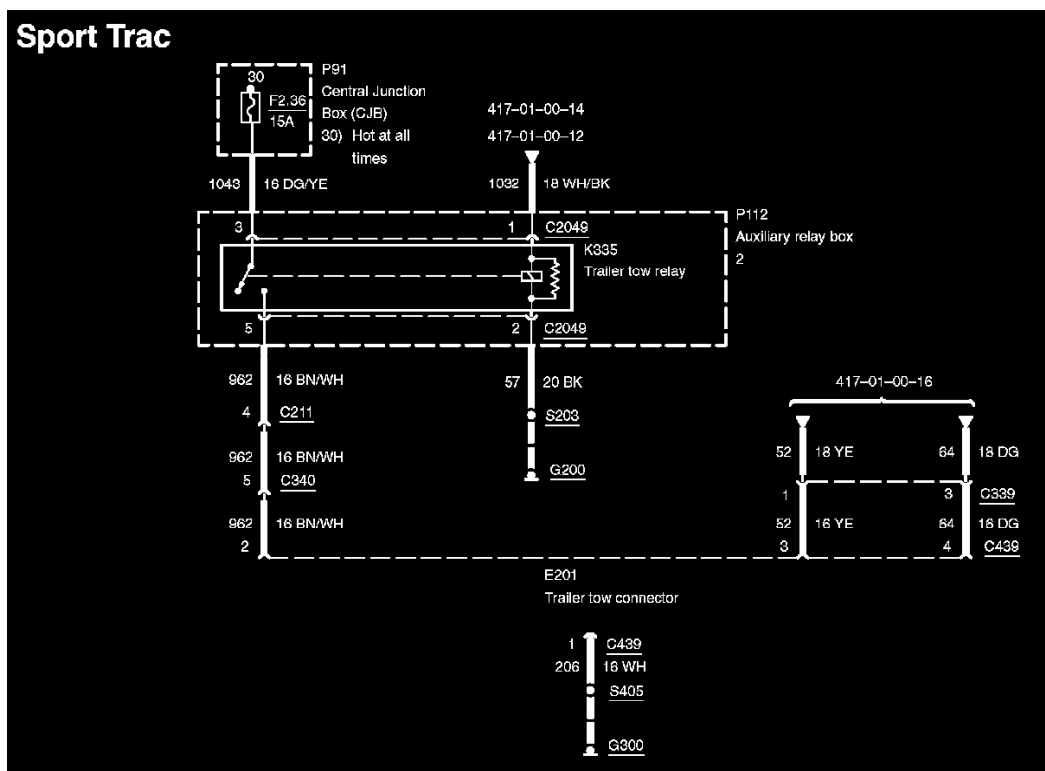


Diagram 417-01-00-20



RELATED DIAGRAMS

Sport

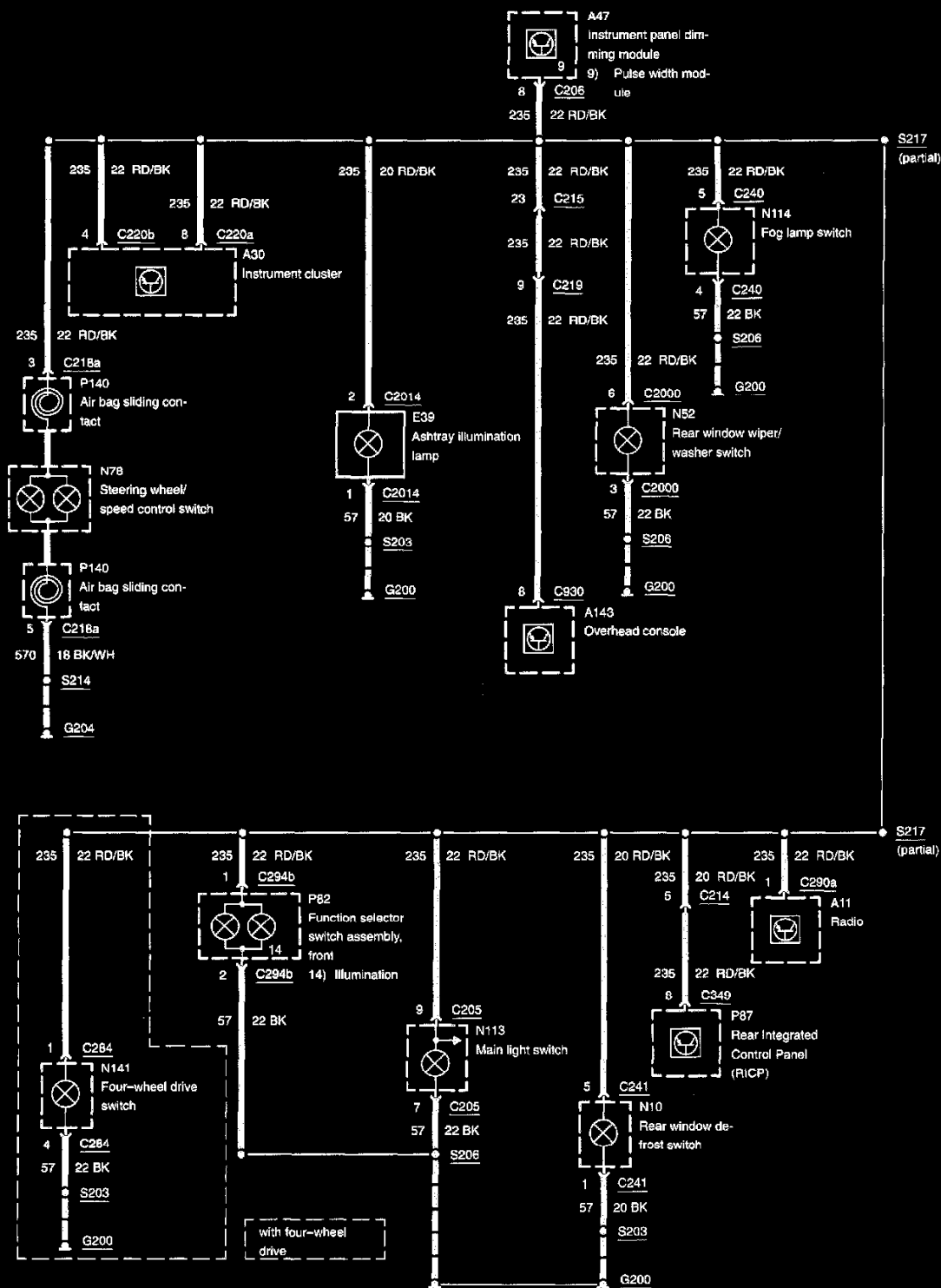


Diagram 413-00-00-3

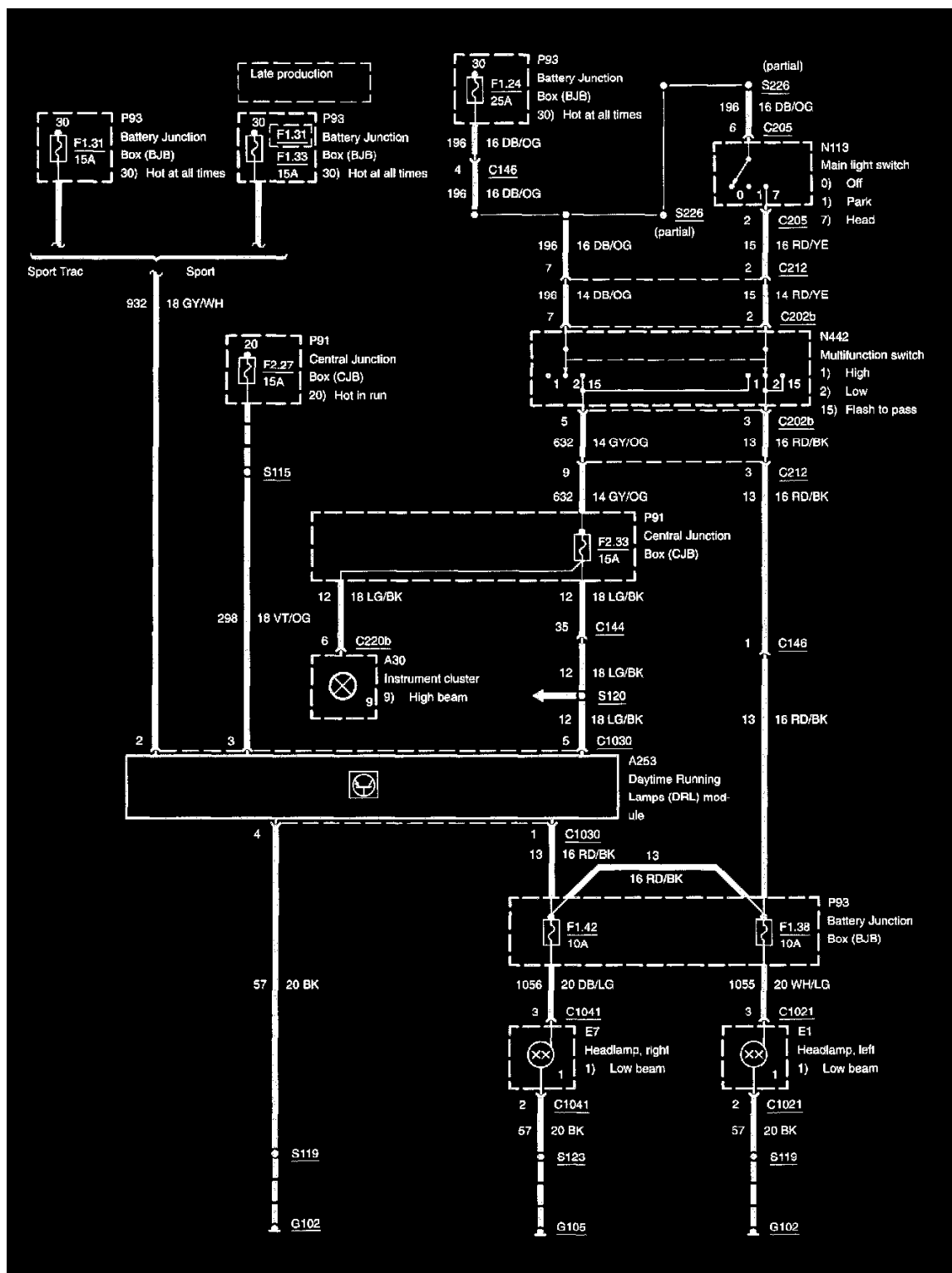


Diagram 417-04-00-1

Center Mounted Brake Lamp

DETAILED DIAGRAMS

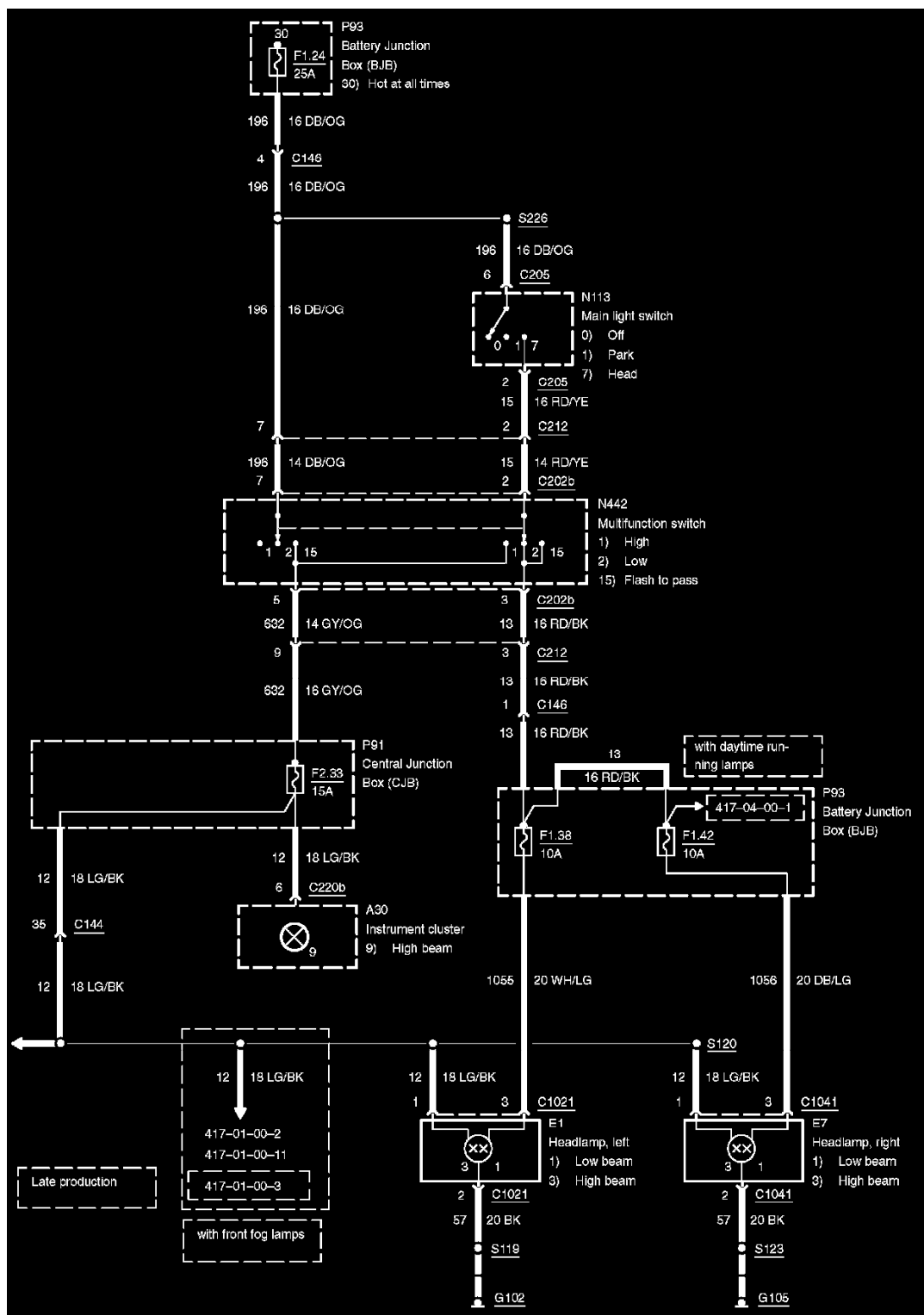
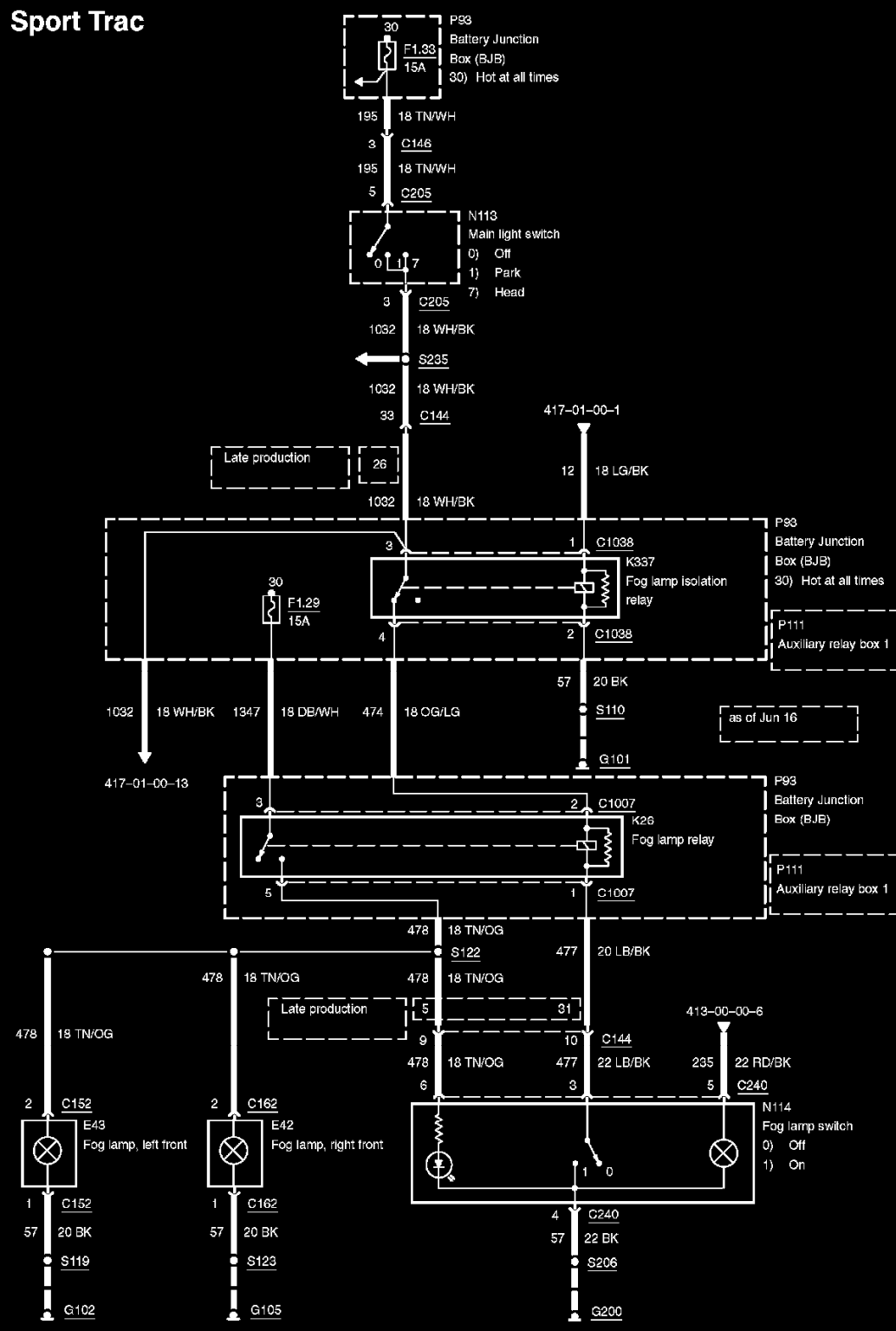


Diagram 417-01-00-1

Sport Trac**Diagram 417-01-00-11**

Sport Trac, With convenience group

Legend:

- P93 Battery Junction Box (BJB)
- 30) Hot at all times
- N113 Main light switch
- 0) Off
- 1) Park
- 7) Head
- A277 Belt minder module
- A112 Generic Electronic Module (GEM)
- K337 Fog lamp isolation relay

Wiring Details:

- Battery Junction:** P93, 30, F1.33 15A.
- Main Light Switch:** N113, 0, 1, 7, C205.
- Wires:** 18 TN/WH, 1032 18 WH/BK, 417-01-00-22, 417-01-00-13.
- Modules:** A277 Belt minder module, A112 Generic Electronic Module (GEM).
- Fog Lamps:** K337 Fog lamp isolation relay, C1038.

Diagram 417-01-00-12

Sport Trac, With convenience group

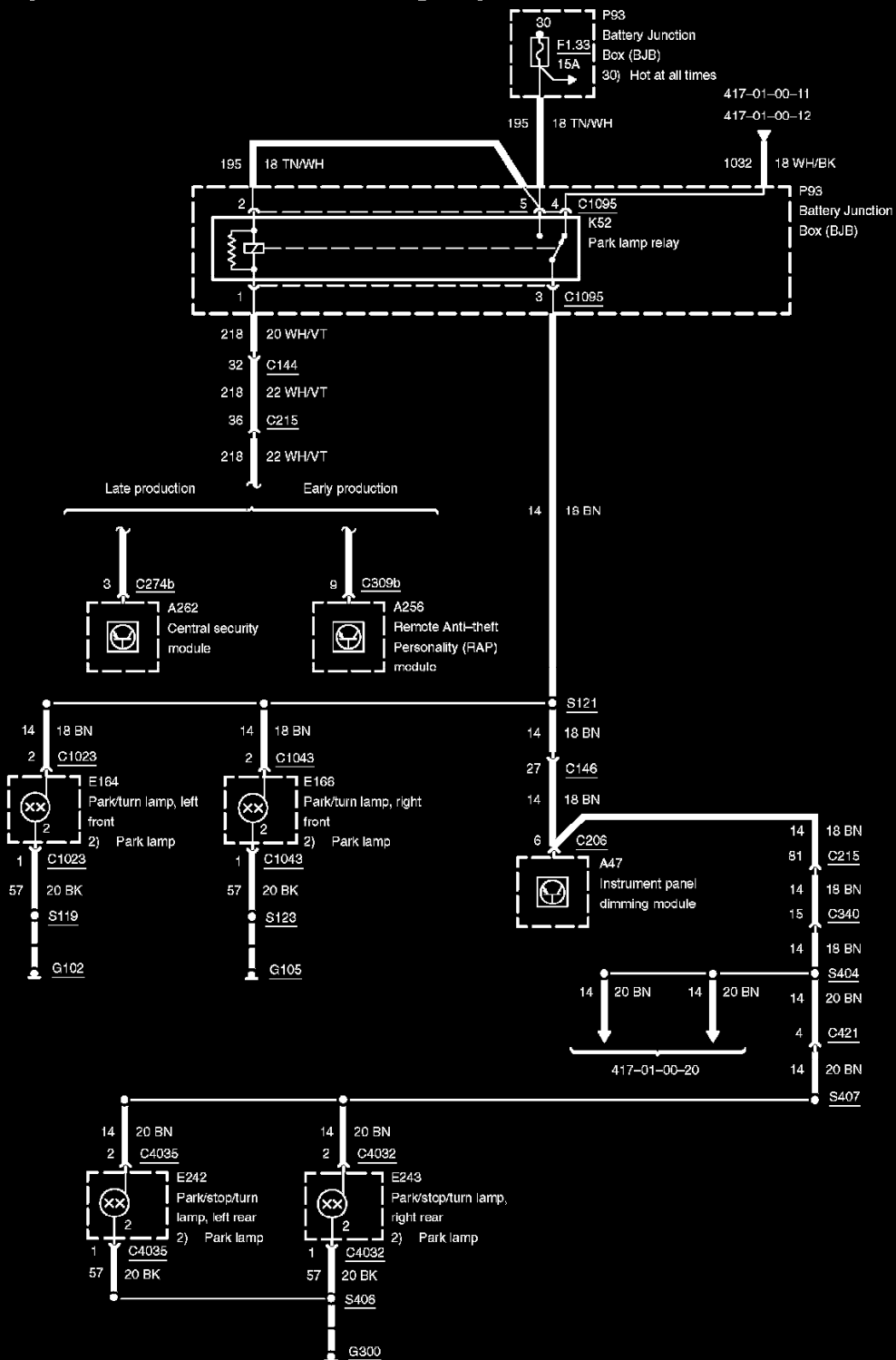


Diagram 417-01-00-13

Sport Trac, Lower option content

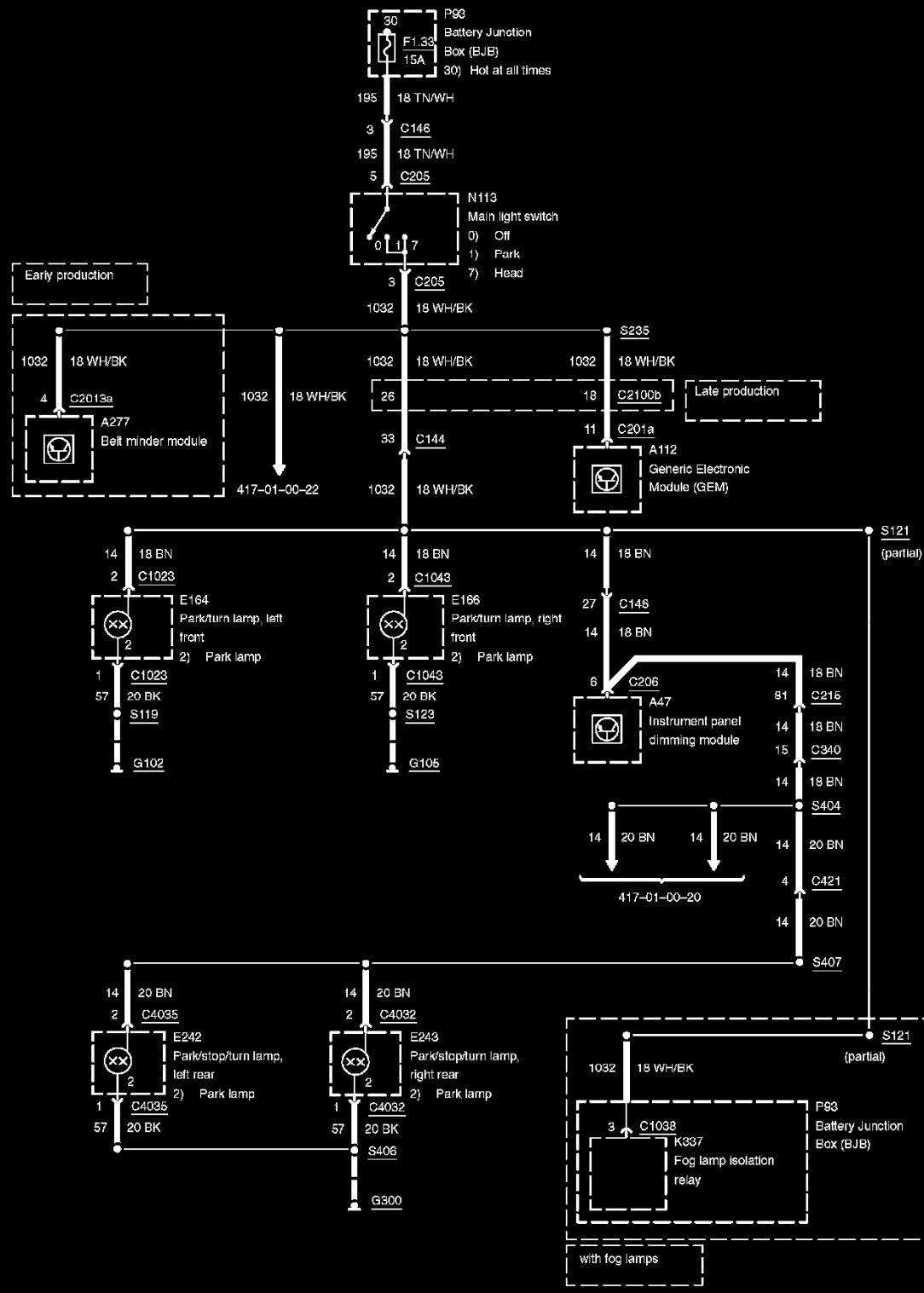
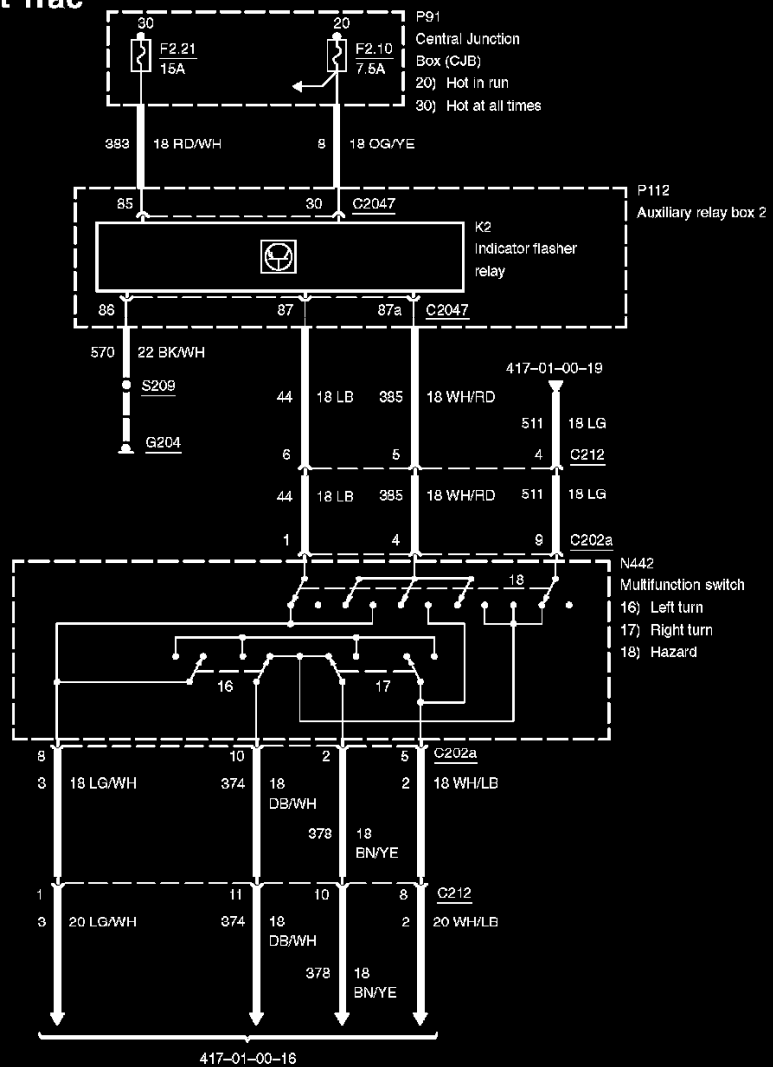
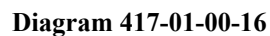


Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**



Sport Trac, Early production

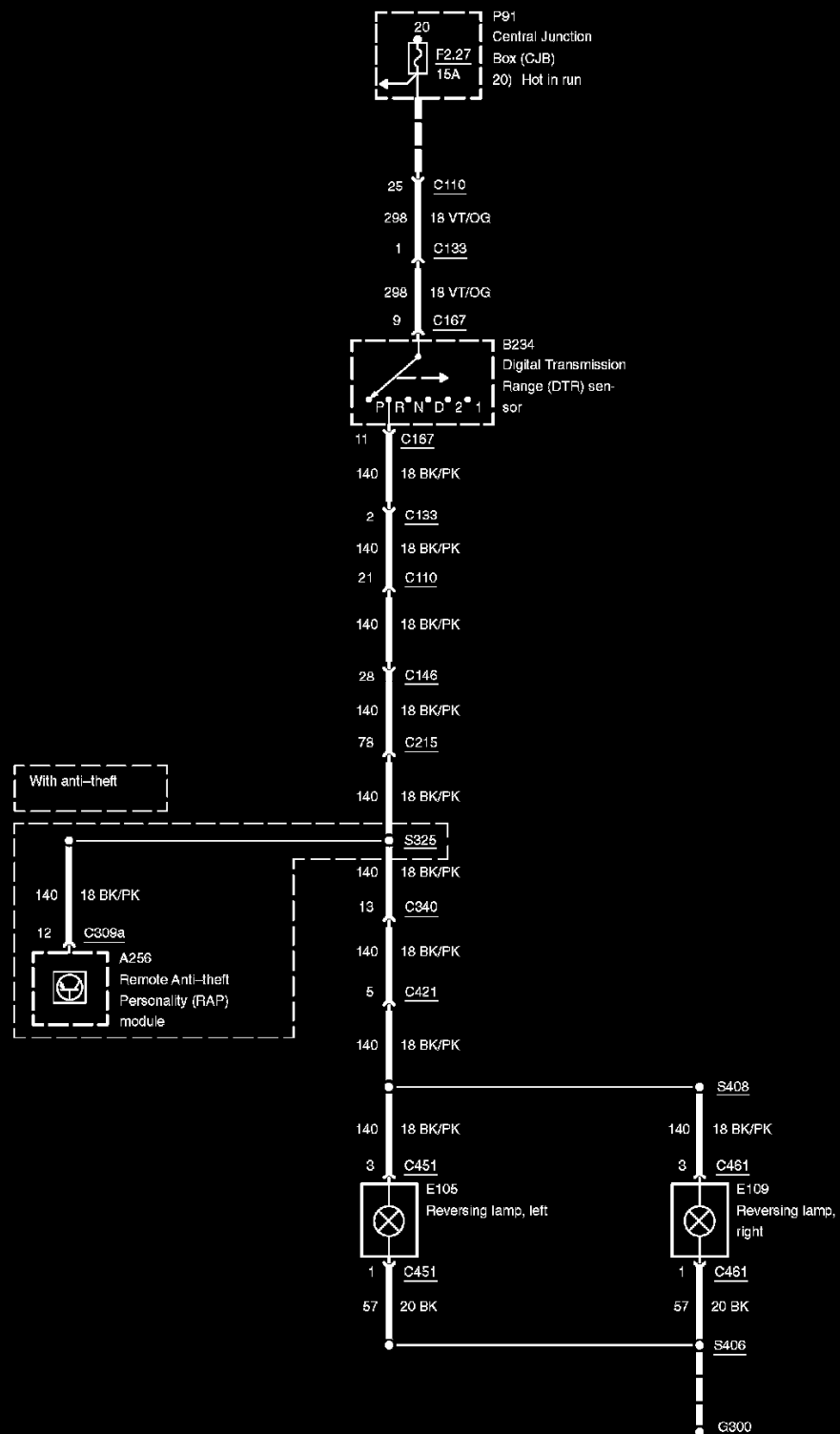
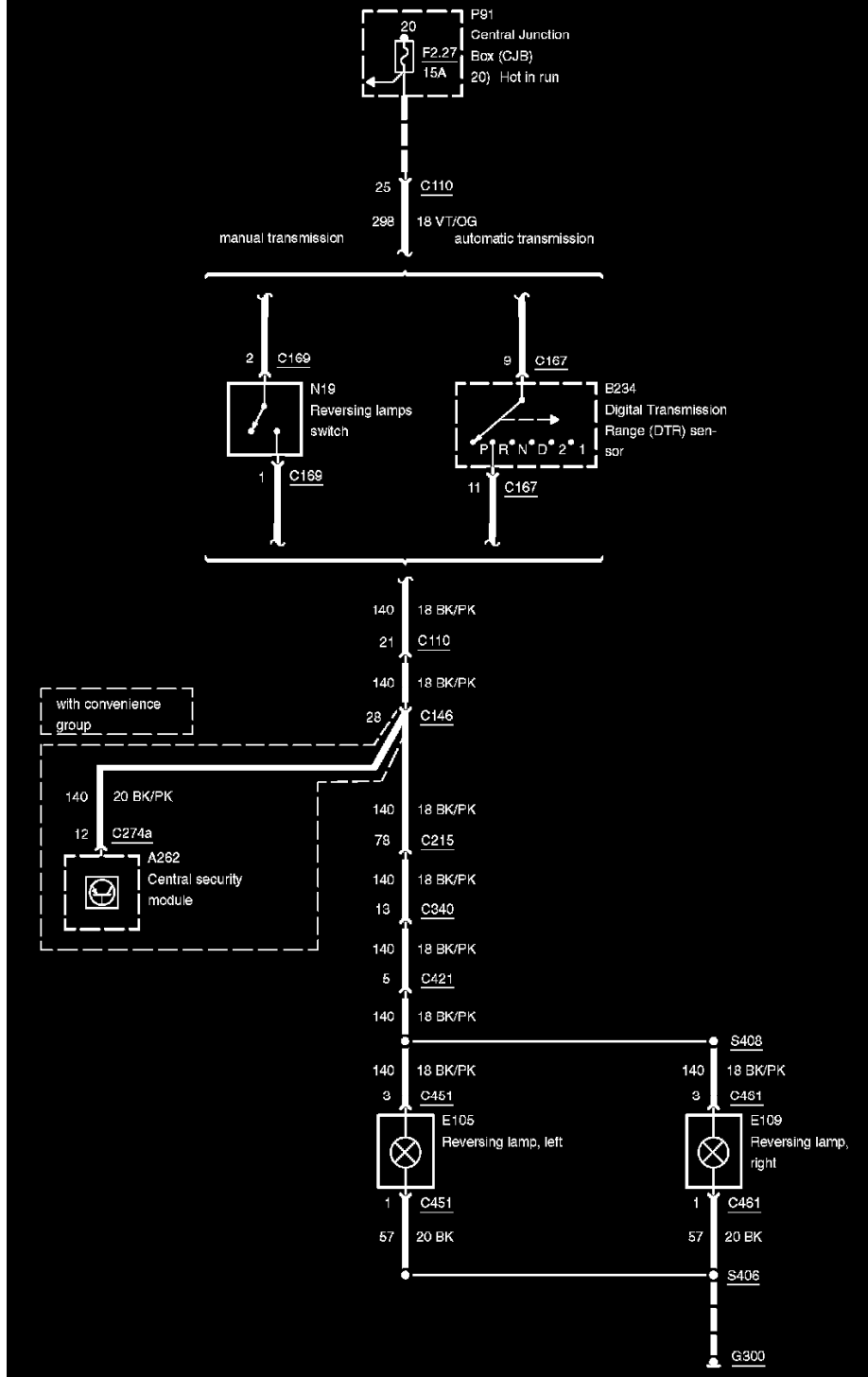


Diagram 417-01-00-17

Sport Trac, Late production**Diagram 417-01-00-18**

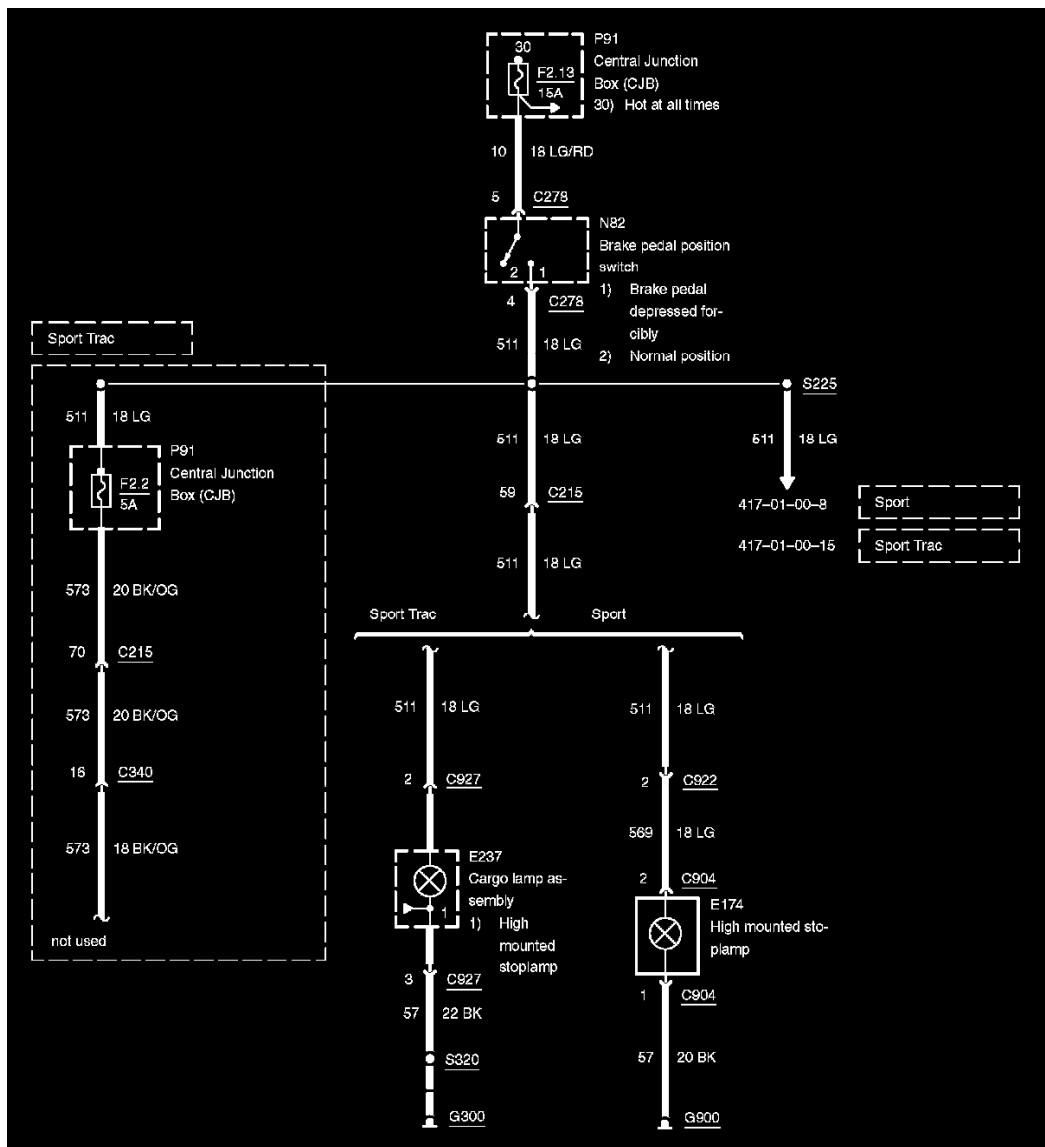


Diagram 417-01-00-19

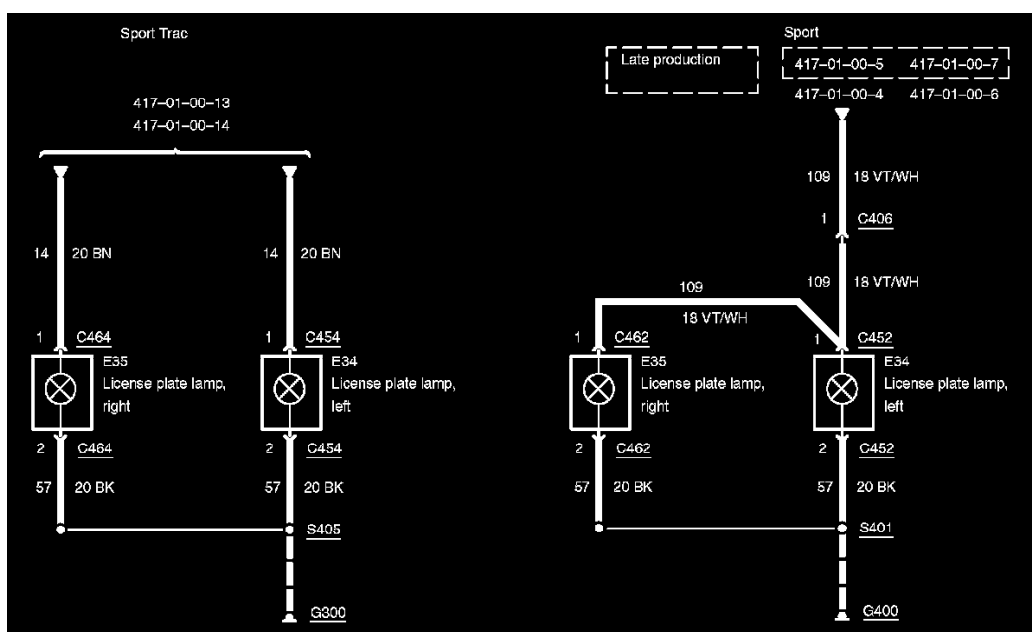
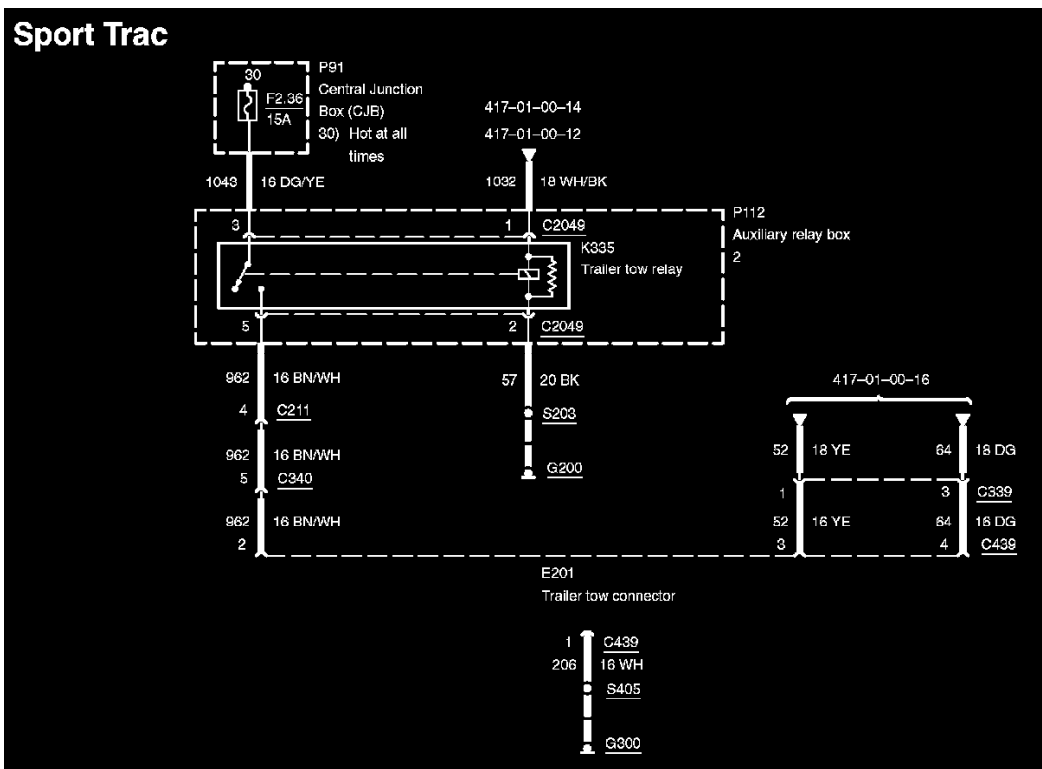


Diagram 417-01-00-20



RELATED DIAGRAMS

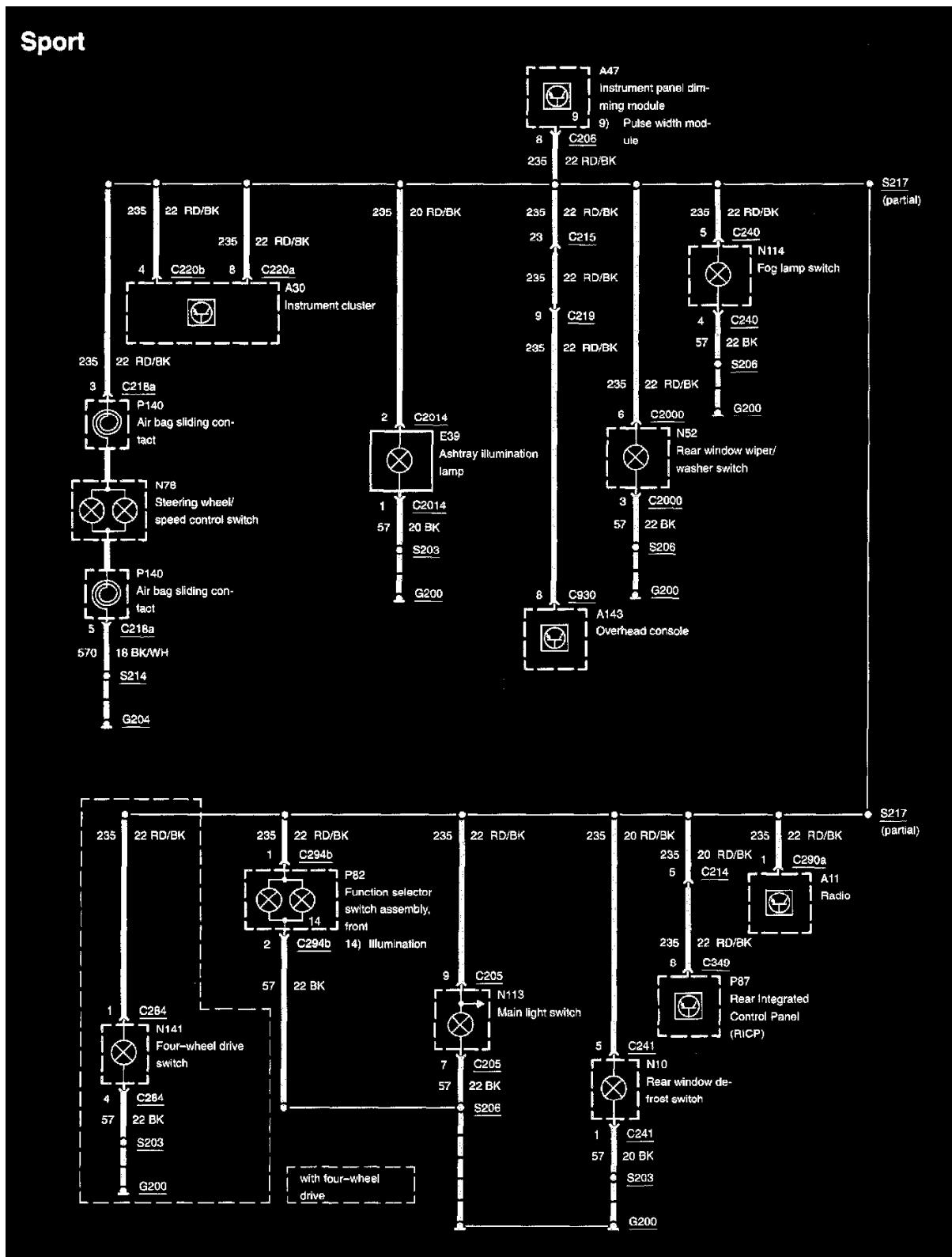


Diagram 413-00-00-3

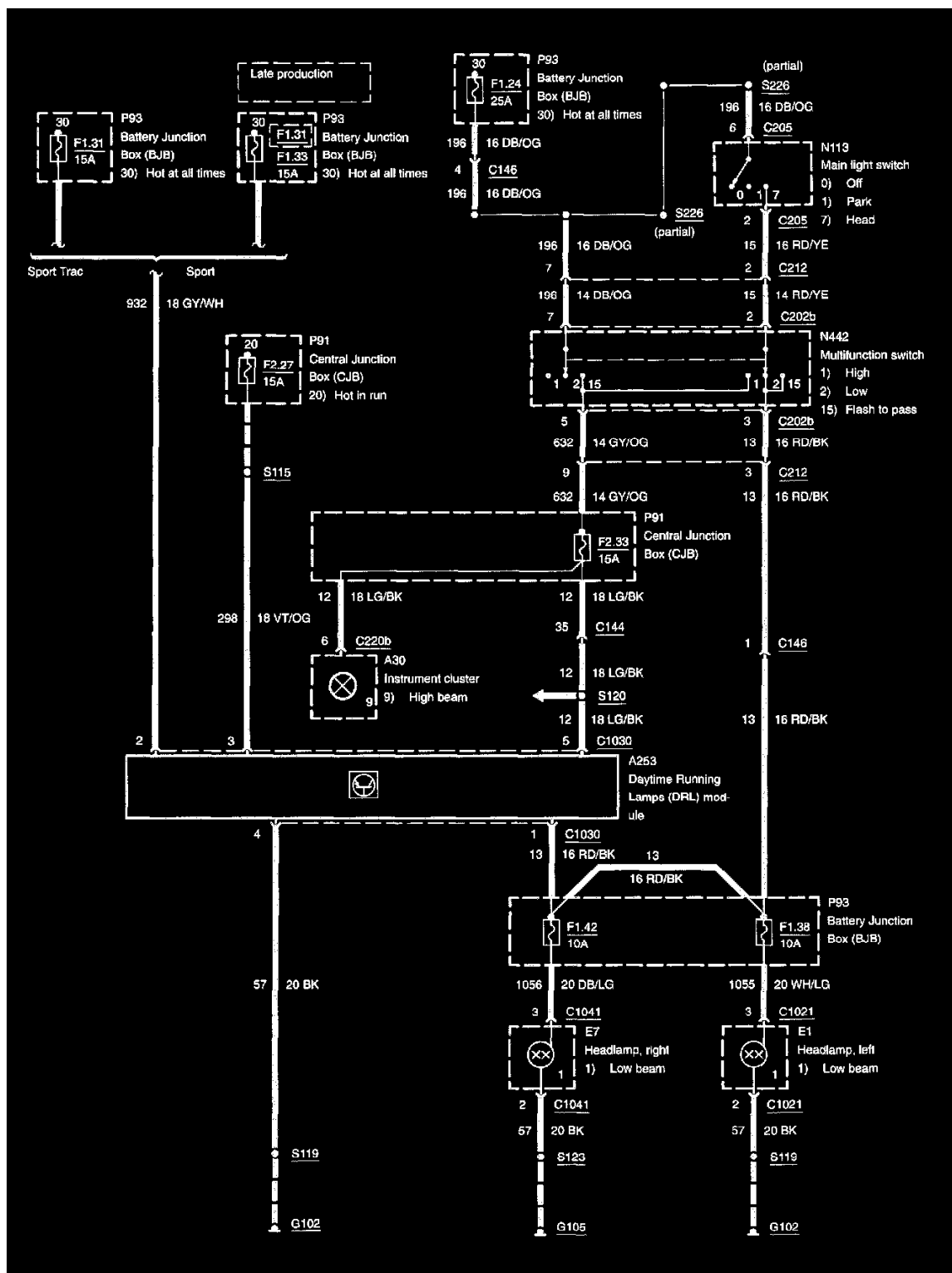


Diagram 417-04-00-1

Courtesy Lamp

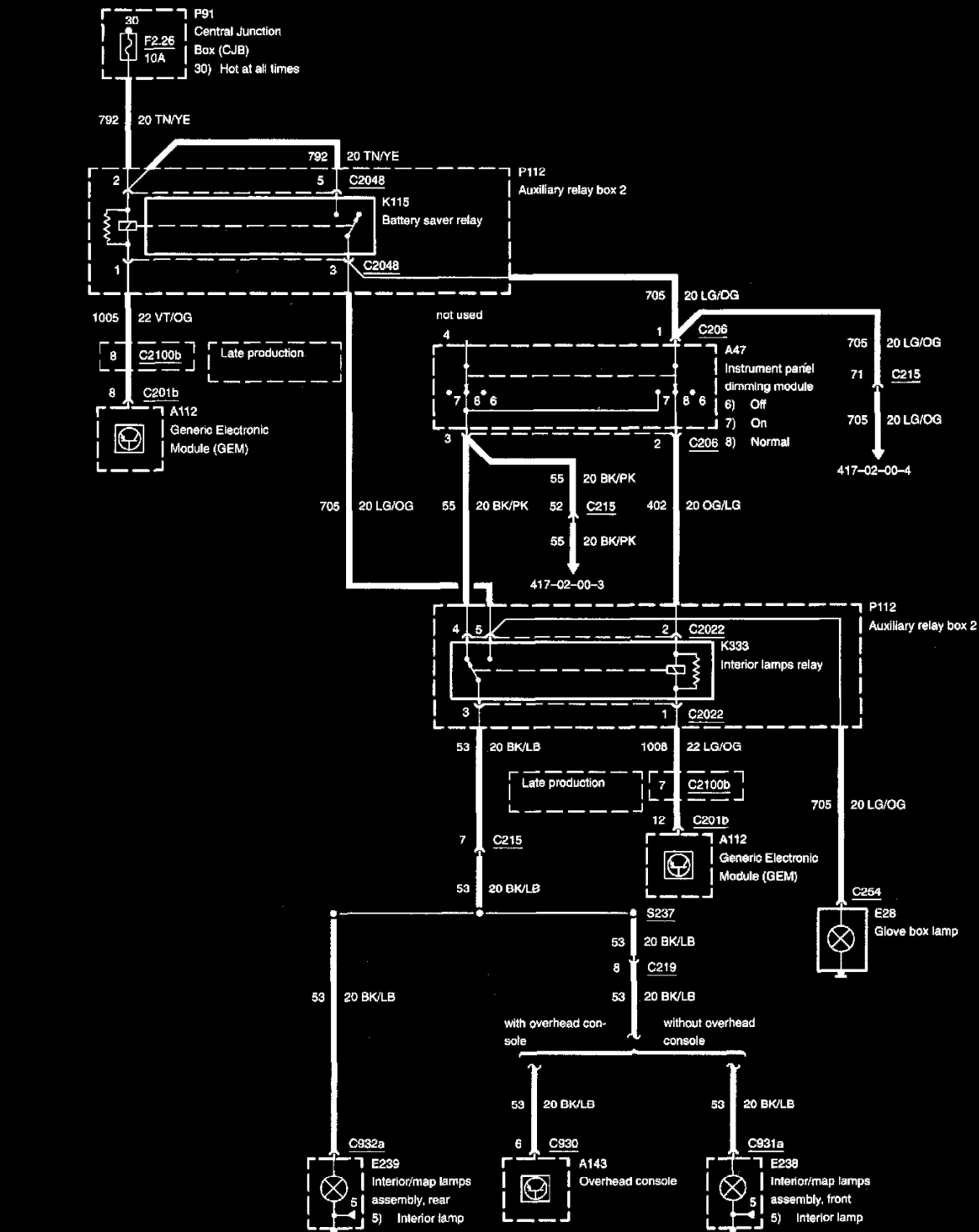
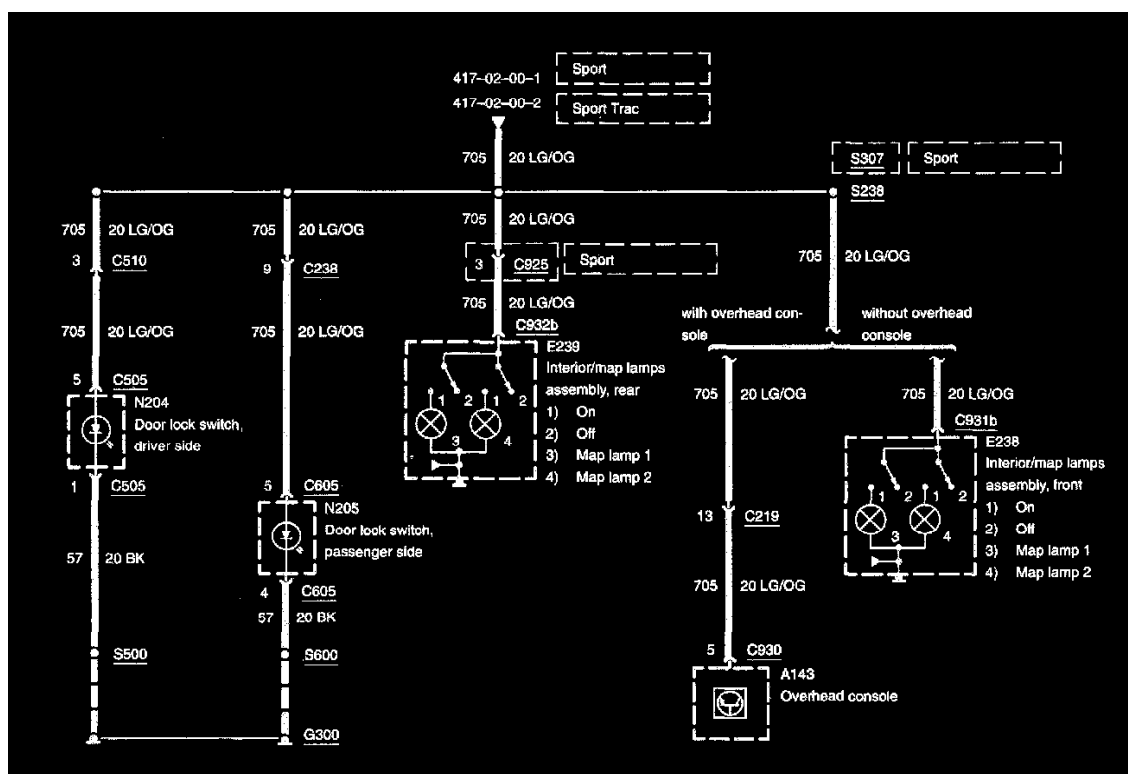
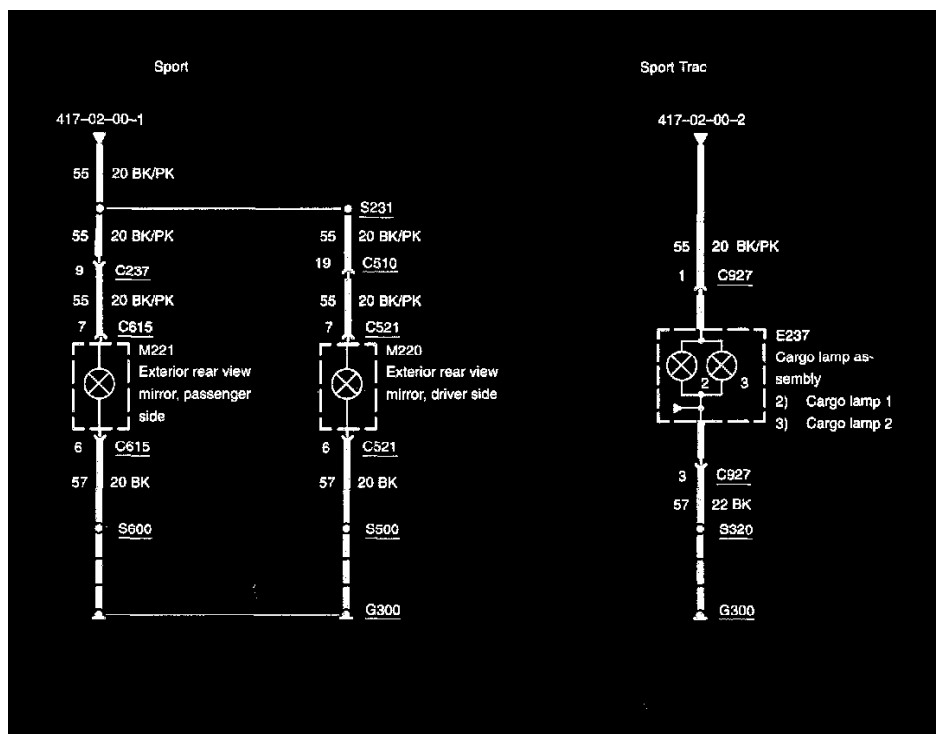
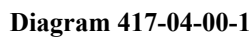


Diagram 417-02-00-2





Dome Lamp

Sport Trac

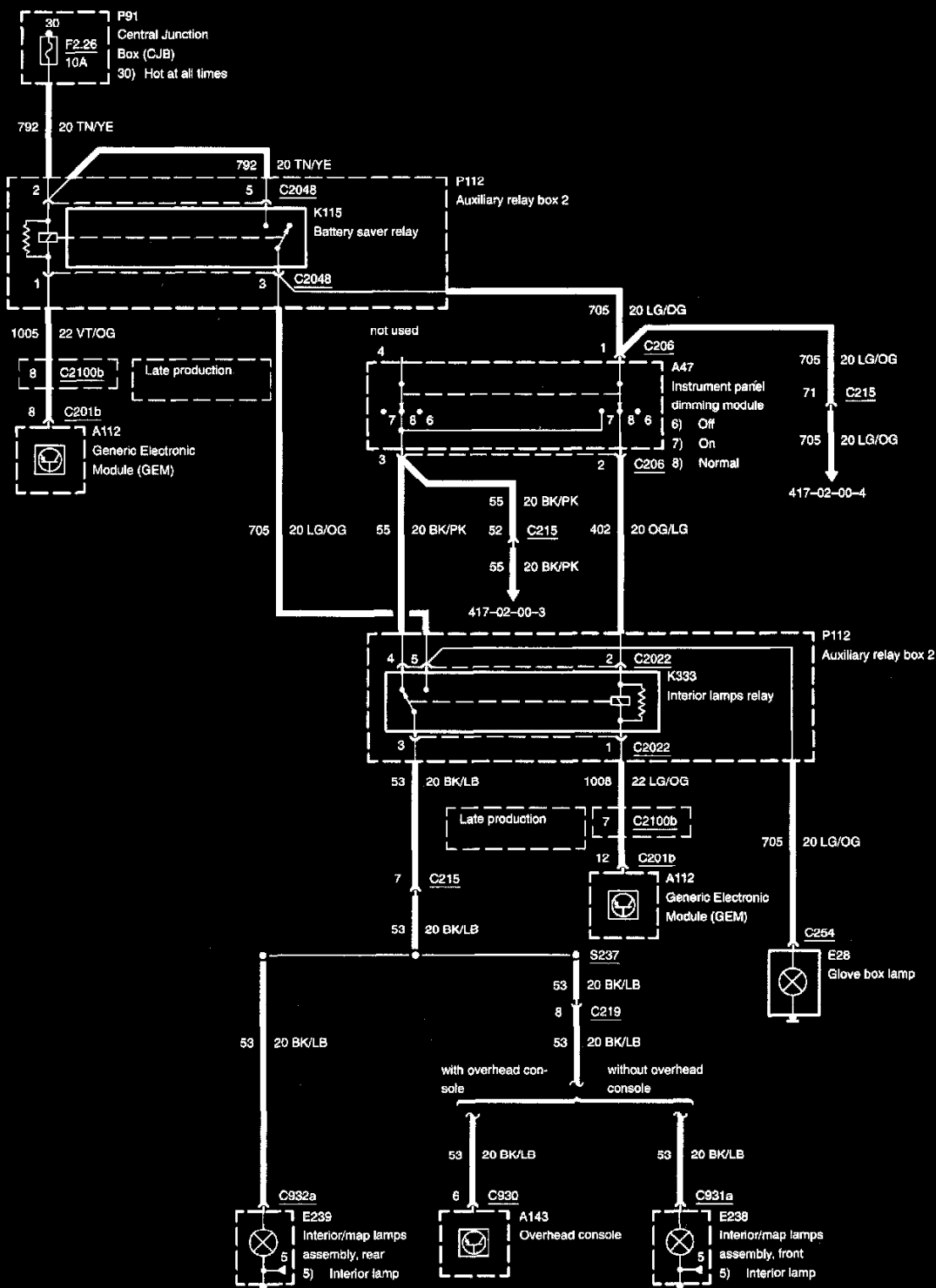


Diagram 417-02-00-2

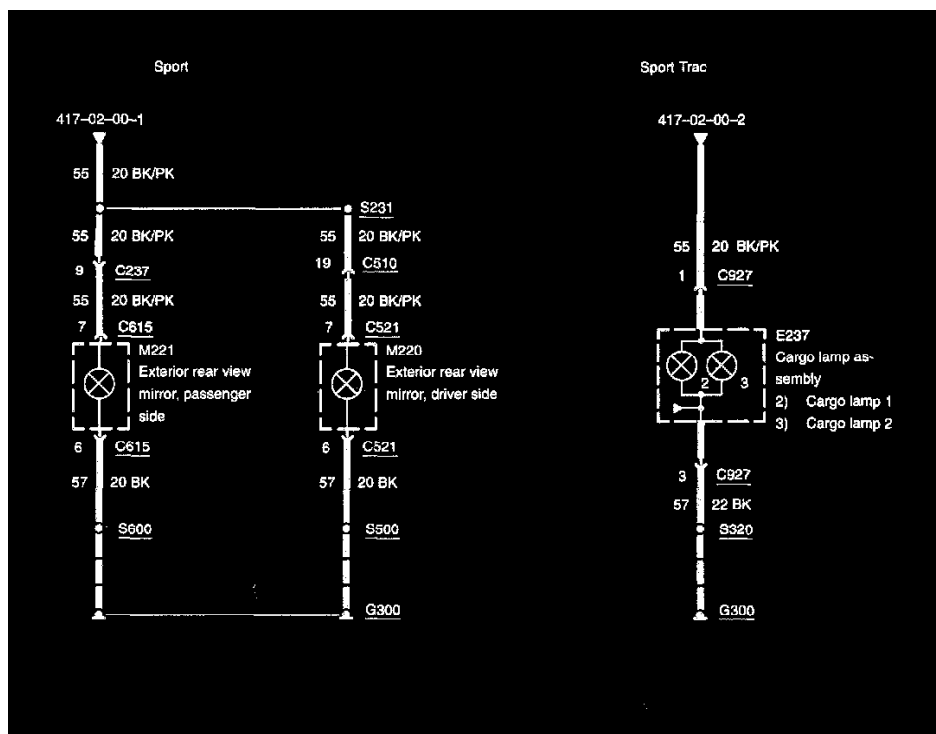


Diagram 417-02-00-3

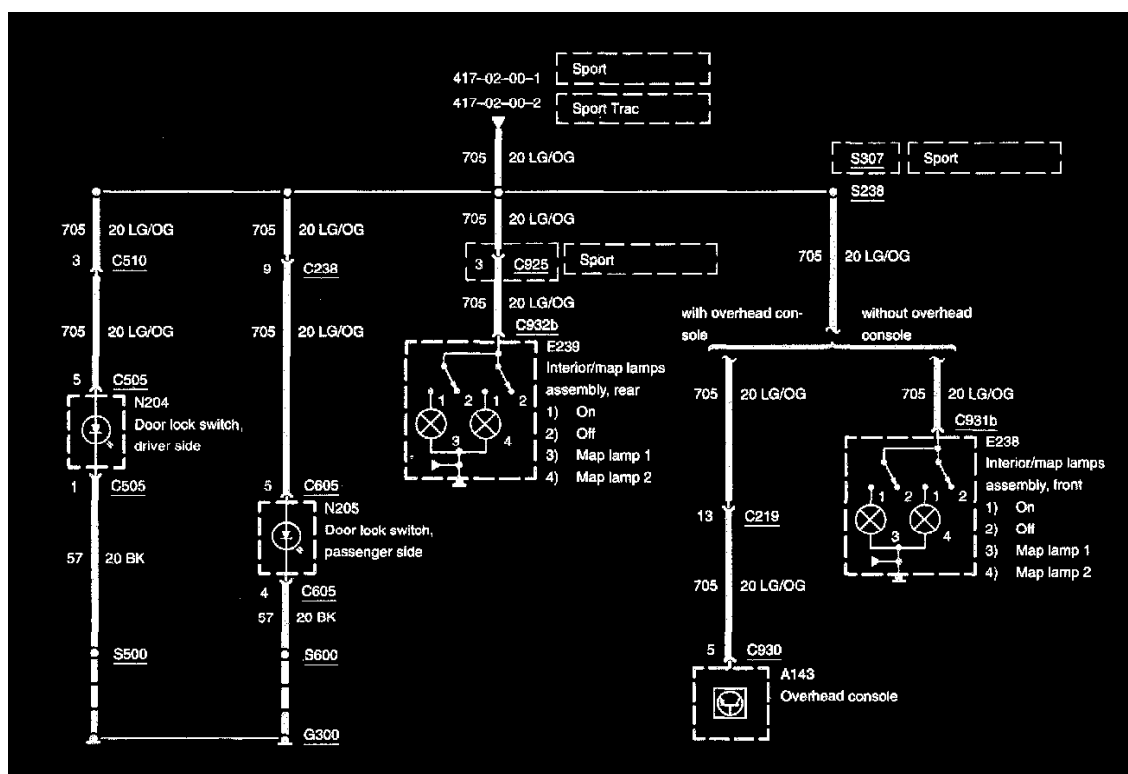


Diagram 417-02-00-4

Fog/Driving Lamp DETAILED DIAGRAMS

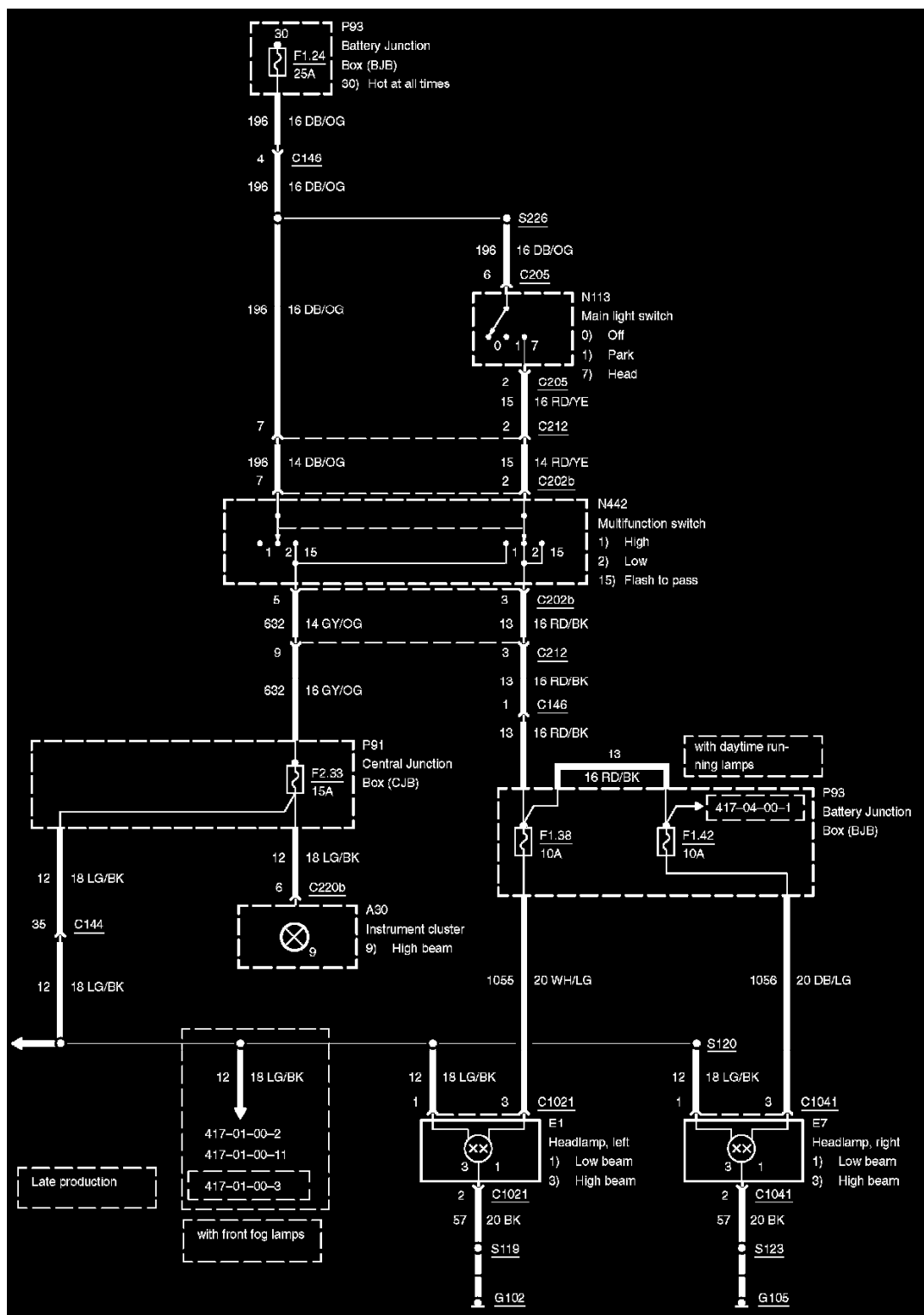
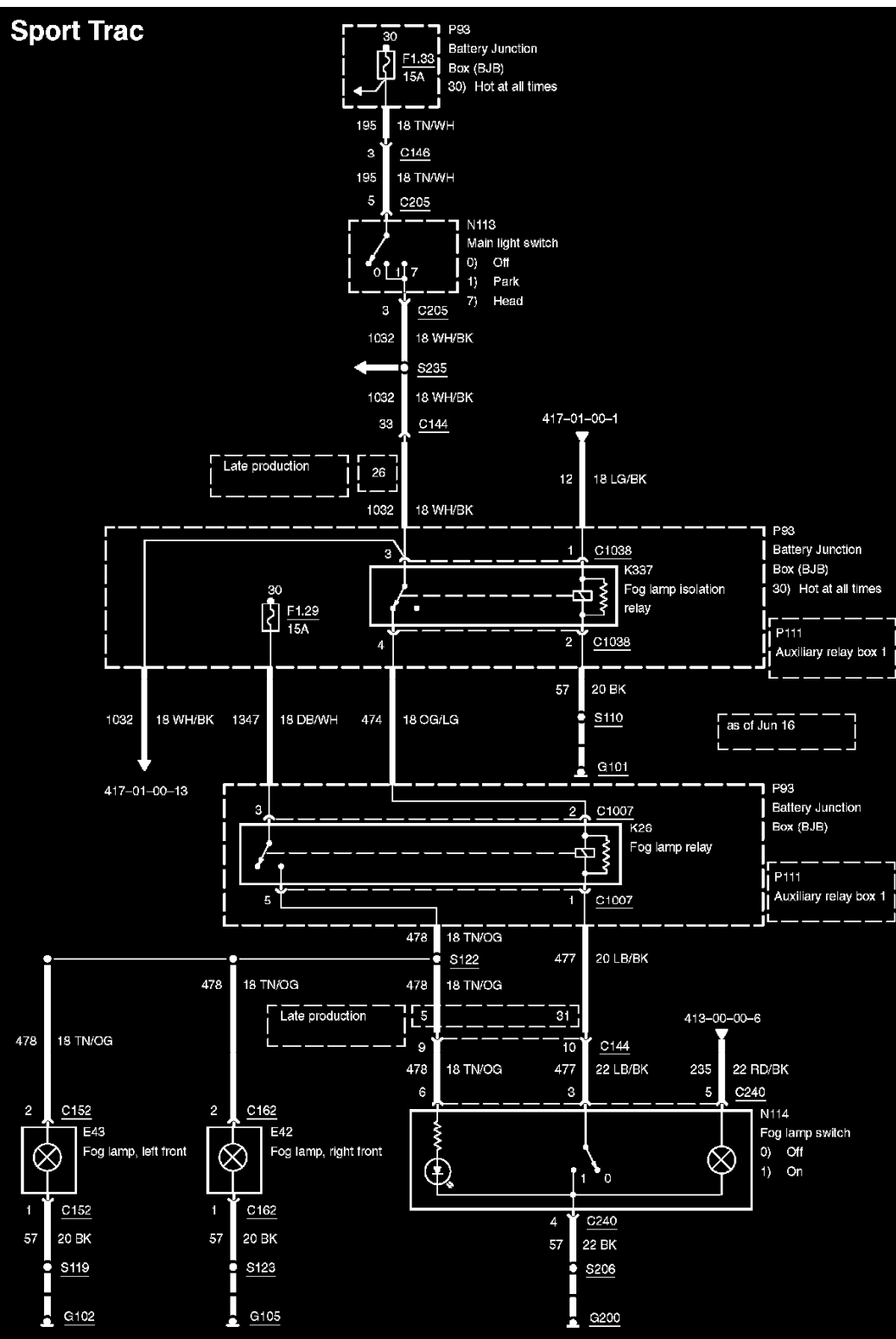


Diagram 417-01-00-1



Sport Trac, With convenience group

Legend:

- P93 Battery Junction Box (BJB)
- 30) Hot at all times
- N113 Main light switch
 - 0) Off
 - 1) Park
 - 7) Head
- A277 Belt minder module
- A112 Generic Electronic Module (GEM)
- K337 Fog lamp isolation relay

Wiring Details:

- Battery Junction:** P93, 30, F1.33 15A.
- Main Light Switch:** N113, 0, 1, 7, C205.
- Wires:** 18 TN/WH, 1032 18 WH/BK, 417-01-00-22, 417-01-00-13.
- Modules:** A277 Belt minder module, A112 Generic Electronic Module (GEM).
- Fog Lamps:** 1032 18 WH/BK, 417-01-00-13.

Diagram 417-01-00-12

Sport Trac, With convenience group

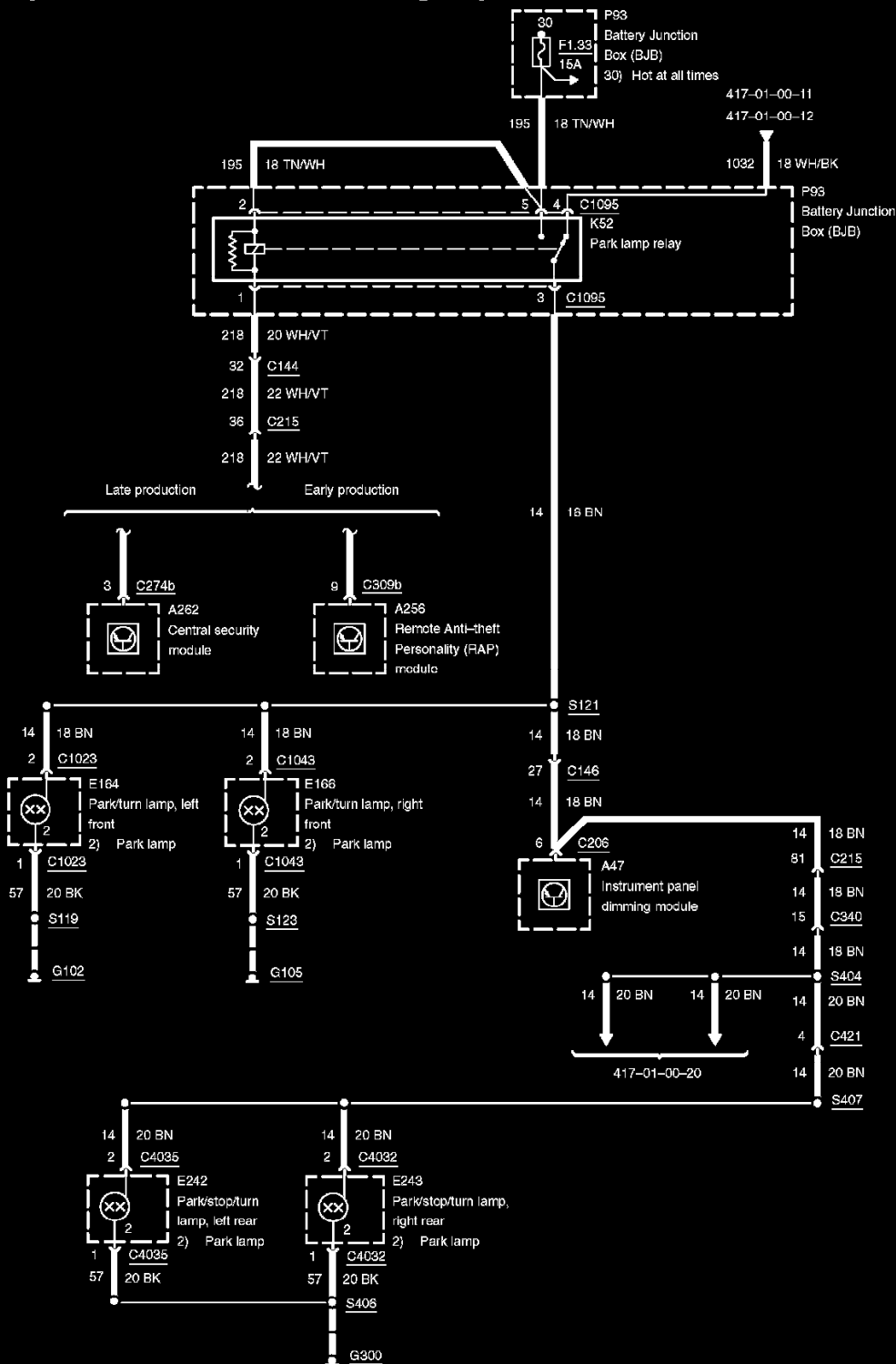


Diagram 417-01-00-13

The diagram illustrates the 12V electrical system, starting from the Battery Junction Box (P93) at the top. The main power line (18 TN/WH) passes through a Main light switch (N113) and a relay (C205) before reaching the headlights (E164 and E166). The headlights are controlled by the Main light switch and have a Park lamp function. The fog lamps (E242 and E243) are controlled by a Fog lamp isolation relay (K337) and a relay (C4032). The diagram also shows the power distribution to the instrument panel dimming module (A47), the belt minder module (A277), and the generic electronic module (A112). The diagram includes callouts for early and late production variations and specific component locations.

Legend:

- 18 TN/WH: 18 Gauge, Tan/White wire
- 18 WH/BK: 18 Gauge, White/Black wire
- 18 BN: 18 Gauge, Black/Natural wire
- 20 BN: 20 Gauge, Black/Natural wire
- 20 BK: 20 Gauge, Black wire

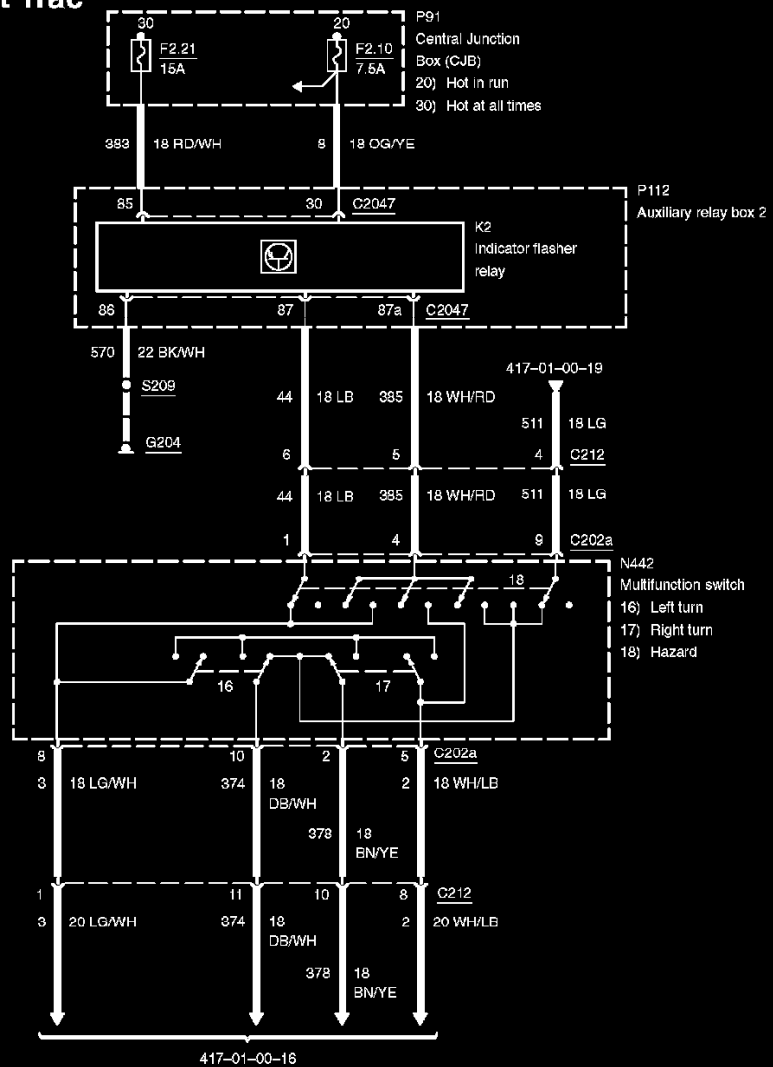
Components and Locations:

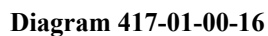
- P93:** Battery Junction Box (BJB)
- N113:** Main light switch
- C205:** Relay
- E164, E166:** Park/turn lamp, left front and right front
- E242, E243:** Park/stop/turn lamp, left rear and right rear
- A277:** Belt minder module
- A112:** Generic Electronic Module (GEM)
- A47:** Instrument panel dimming module
- K337:** Fog lamp isolation relay
- G102, G105, G300:** Ground points
- S119, S121:** Switches
- C1023, C1043, C4035, C4032:** Relays
- C146, C201a, C2100b, C216, C340, C421:** Connectors

Production Variations:

- Early production:** Includes the belt minder module (A277) and the generic electronic module (A112).
- Late production:** Includes the fog lamp isolation relay (K337) and the fog lamps (E242, E243).

Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**

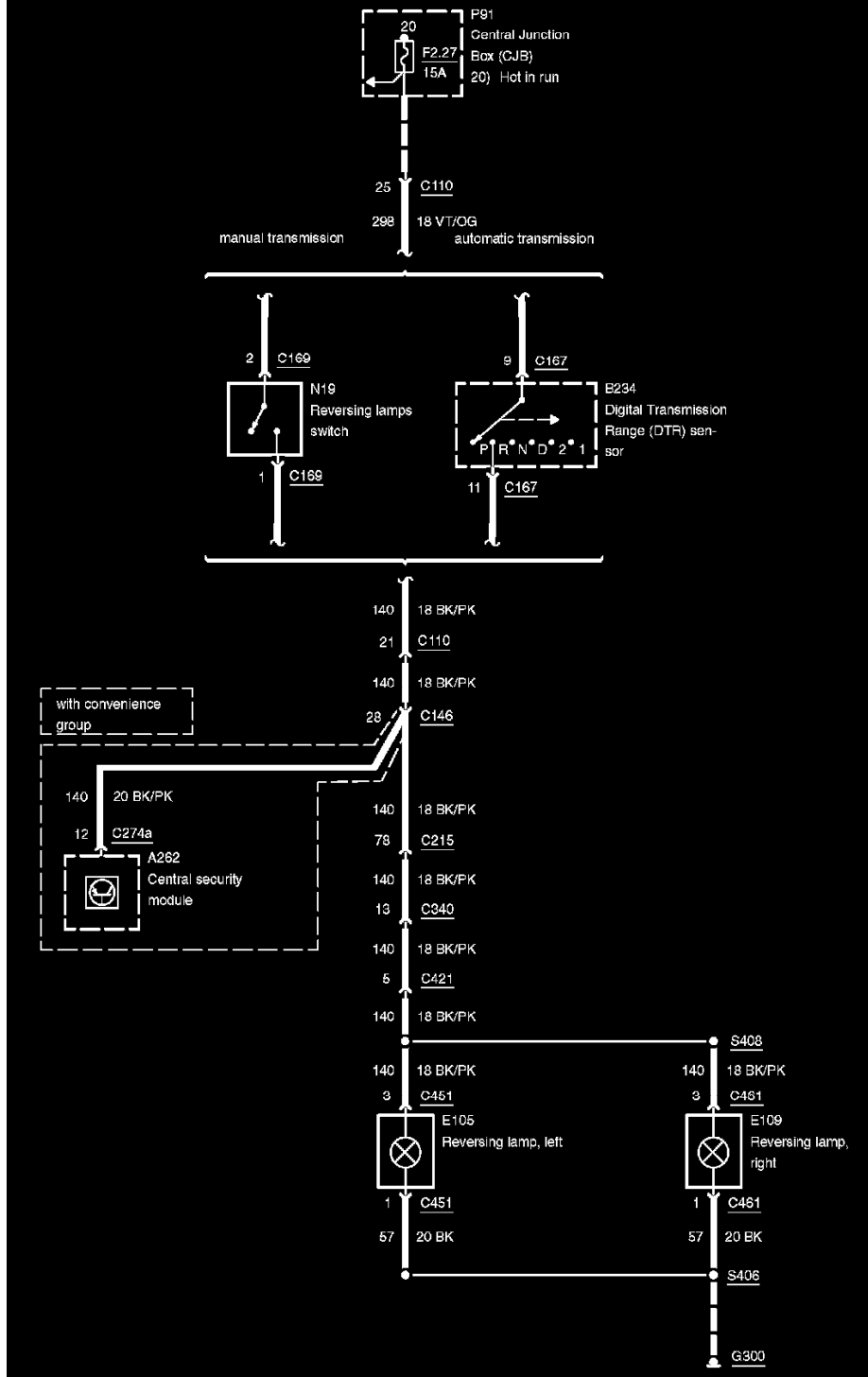


Sport Trac, Early production

The diagram illustrates the electrical system for the Sport Trac, Early production. It shows the following components and wiring:

- Central Junction Box (CJB):** Labeled P91, F2.27 15A, 20) Hot in run.
- Wiring Path:**
 - From CJB, the line goes through C110 (25) and C133 (1) to C167 (9).
 - From C167, the line goes through C157 (11) to C133 (2).
 - From C133, the line goes through C110 (21) to C146 (28).
 - From C146, the line goes through C215 (78) to C325 (140).
 - From C325, the line goes through C340 (13) to C421 (5).
 - From C421, the line goes through C451 (3) to the reversing lamps.
- Reversing Lamps:** Labeled E105 (left) and E109 (right), both with C451 (1) and 57 20 BK.
- Other Components:**
 - C110:** 25, 18 VT/OG.
 - C133:** 1, 18 VT/OG, 18 BK/PK, 140.
 - C167:** 9, 18 BK/PK.
 - C157:** 11, 18 BK/PK.
 - C146:** 28, 18 BK/PK.
 - C215:** 78, 18 BK/PK.
 - C325:** 140, 18 BK/PK.
 - C340:** 13, 18 BK/PK.
 - C421:** 5, 18 BK/PK.
 - C451:** 3, 18 BK/PK, 1, 57 20 BK.
- Anti-theft System:**
 - With anti-theft:** A dashed box indicating the presence of the anti-theft system.
 - A256 Remote Anti-theft Personality (RAP) module:** Connected to the anti-theft system.
 - C309a:** 12, 18 BK/PK.
- Other Labels:** B234 Digital Transmission Range (DTR) sensor, S408, S406, G300.

Diagram 417-01-00-17

Sport Trac, Late production**Diagram 417-01-00-18**

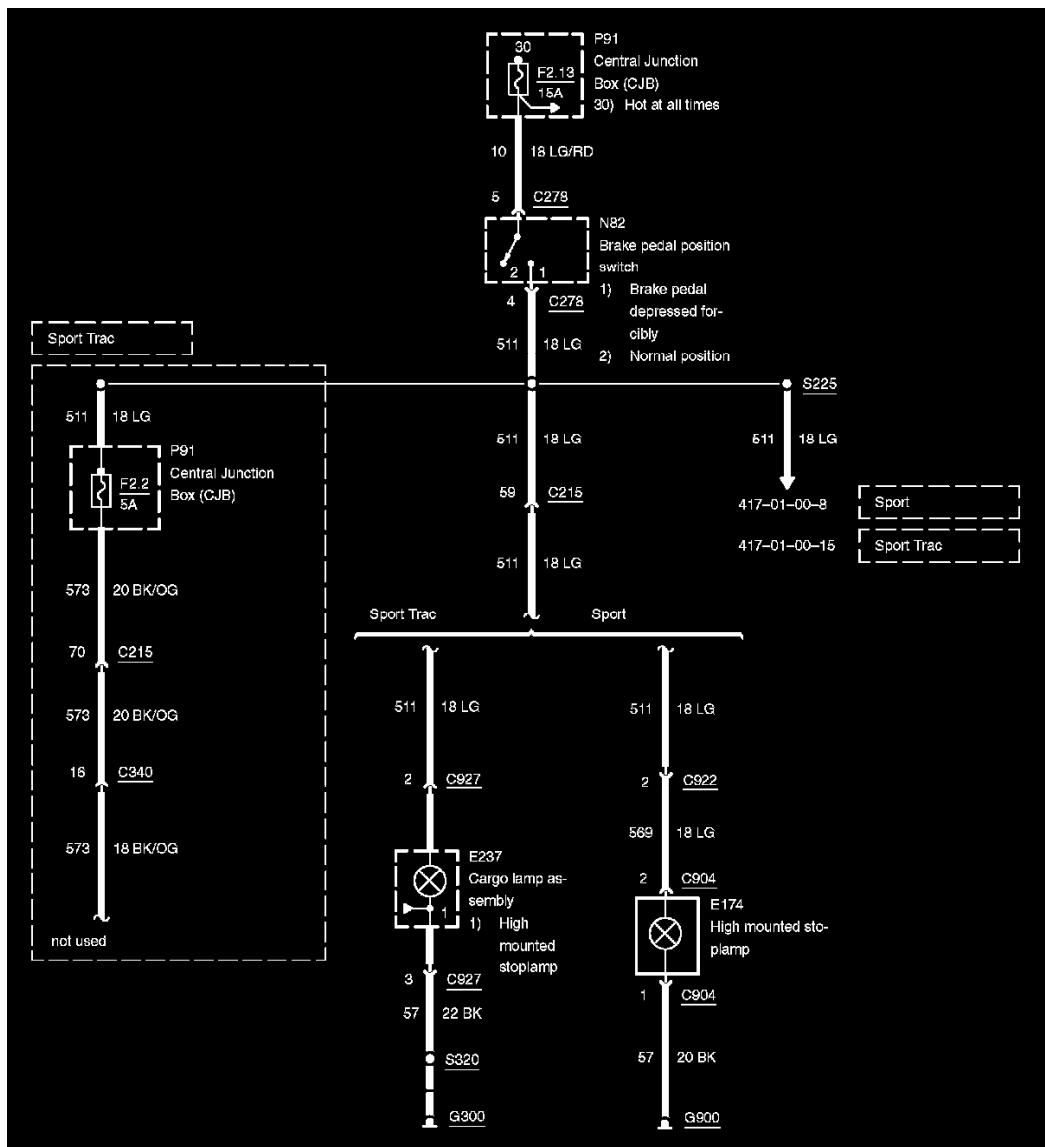


Diagram 417-01-00-19

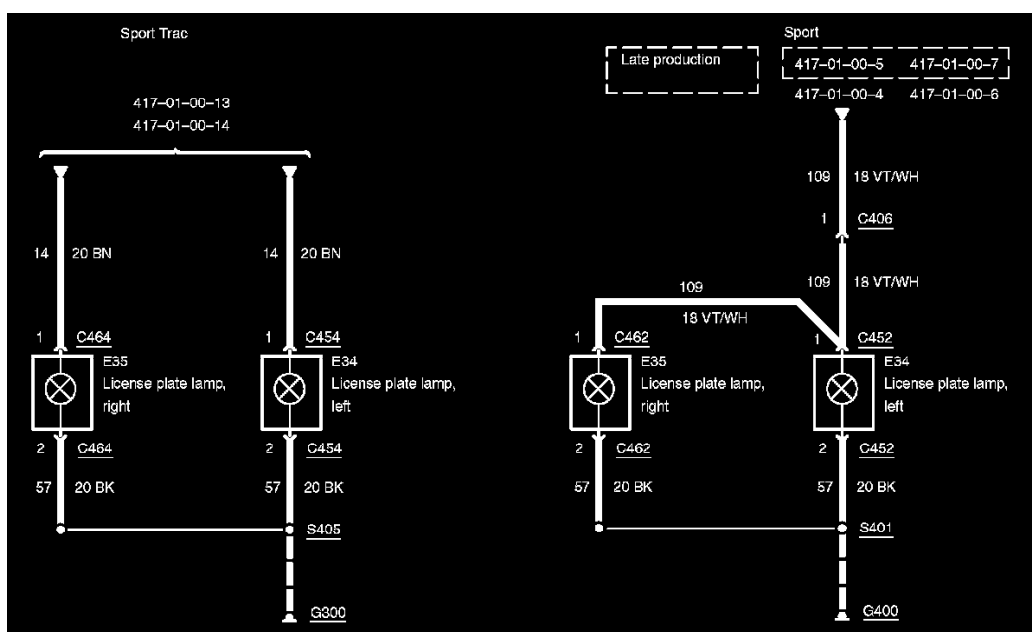
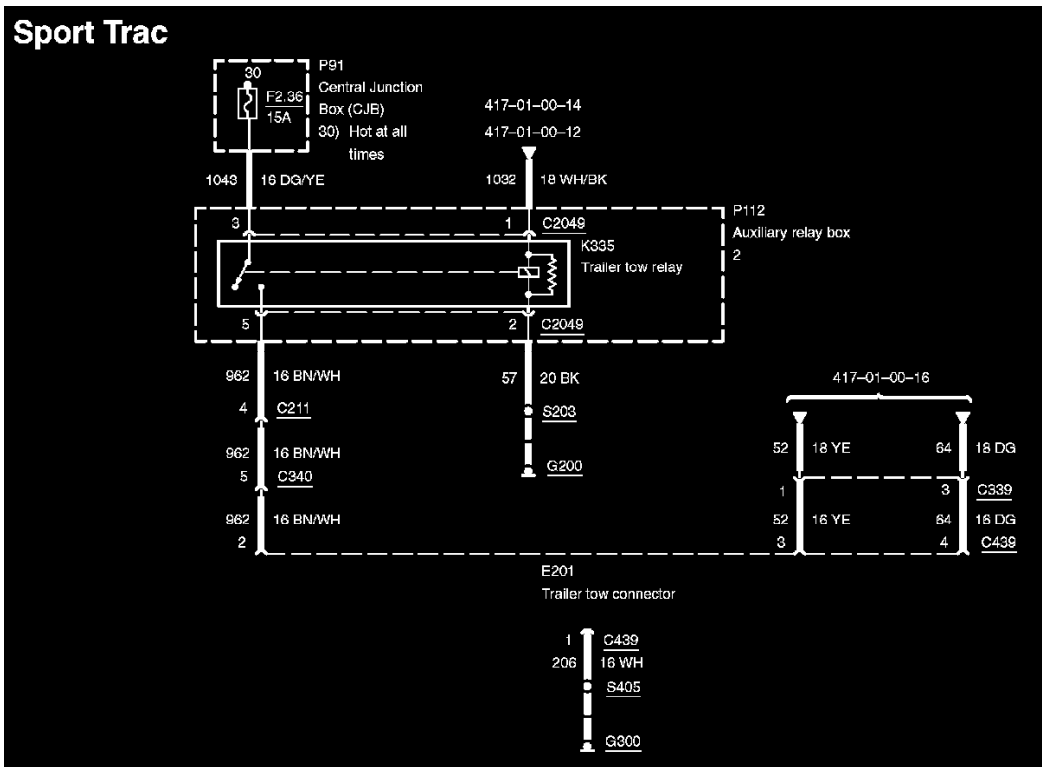


Diagram 417-01-00-20



RELATED DIAGRAMS

Sport

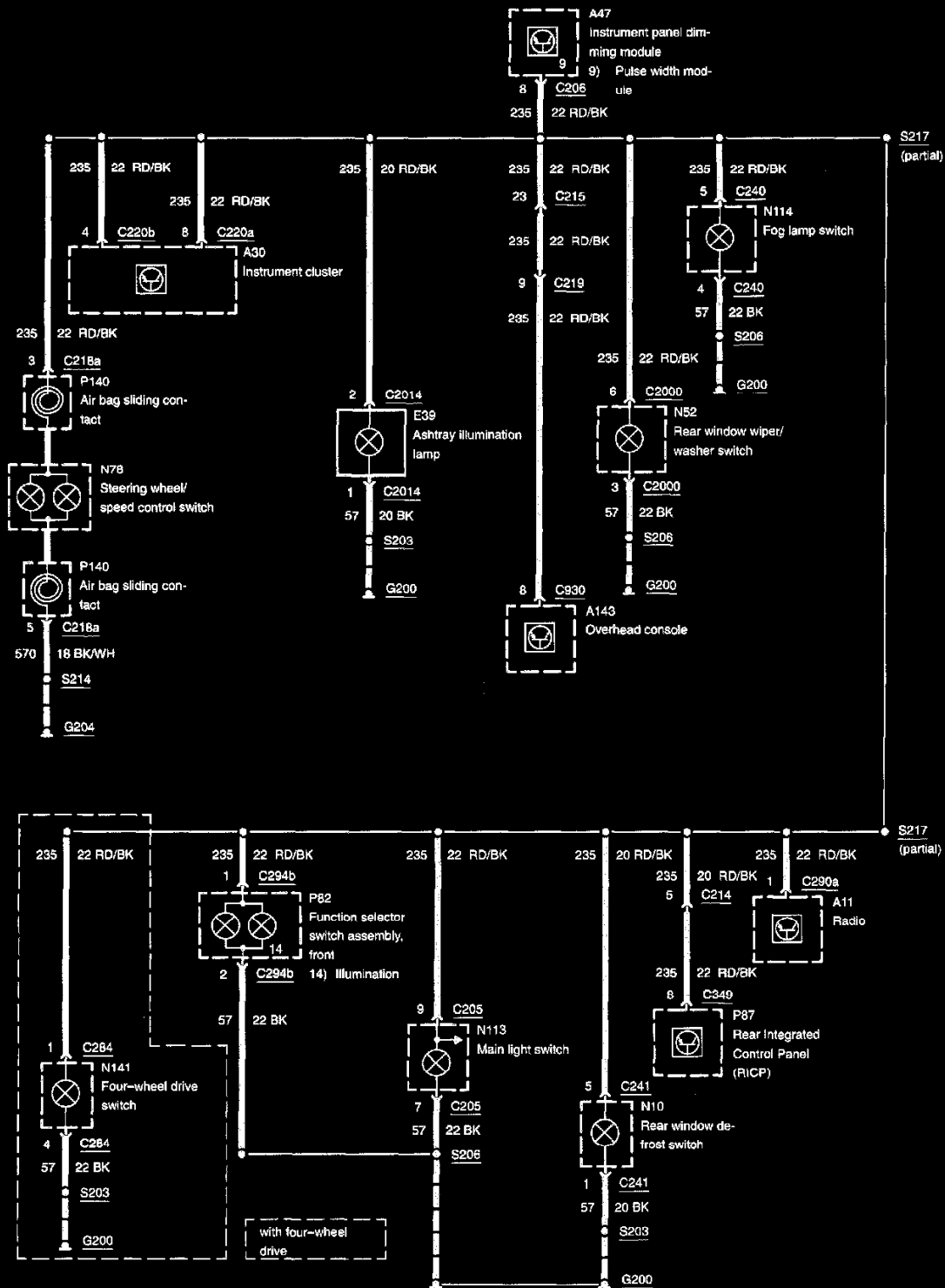
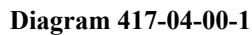


Diagram 413-00-00-3



Hazard Warning Lamps

DETAILED DIAGRAMS

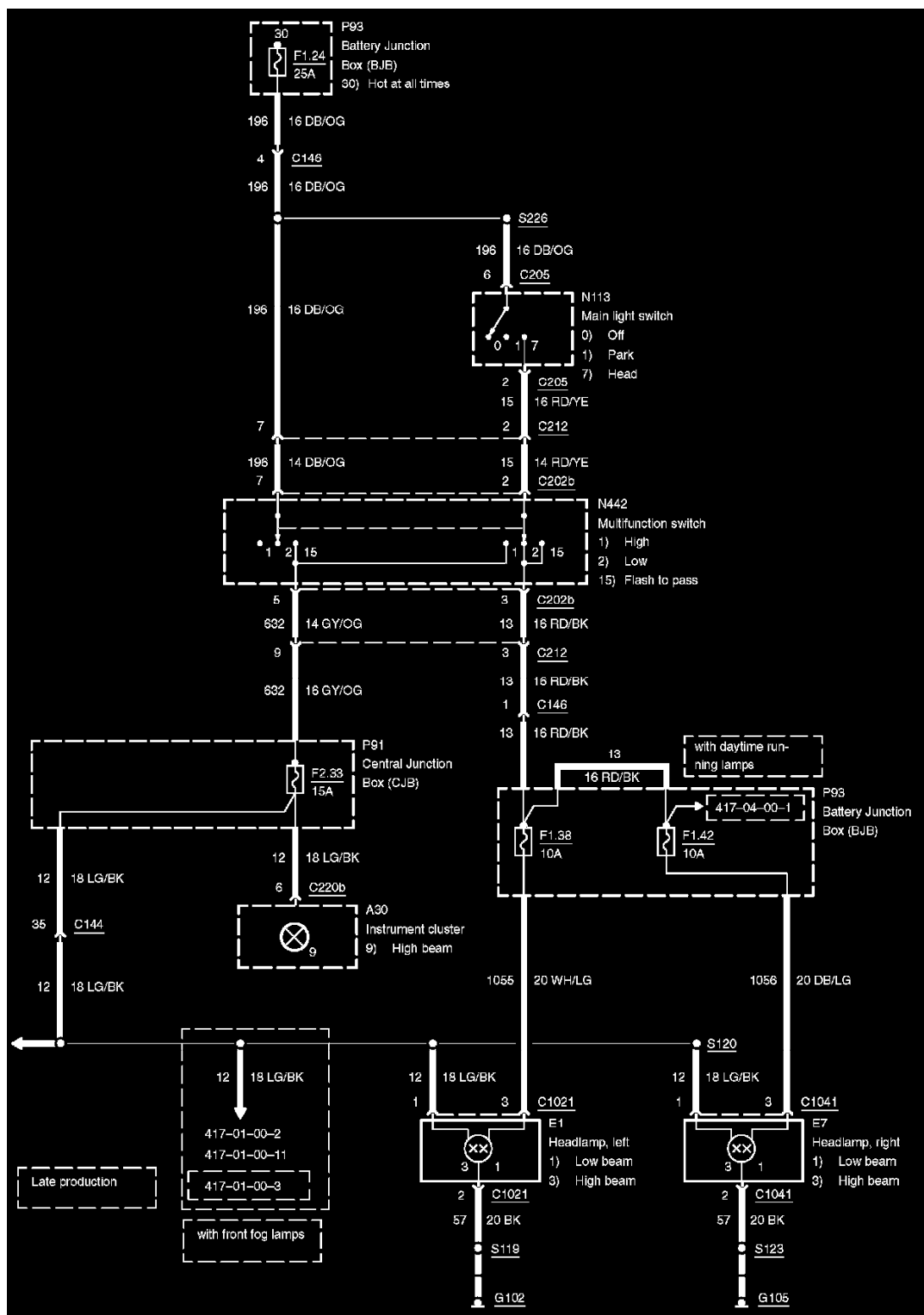
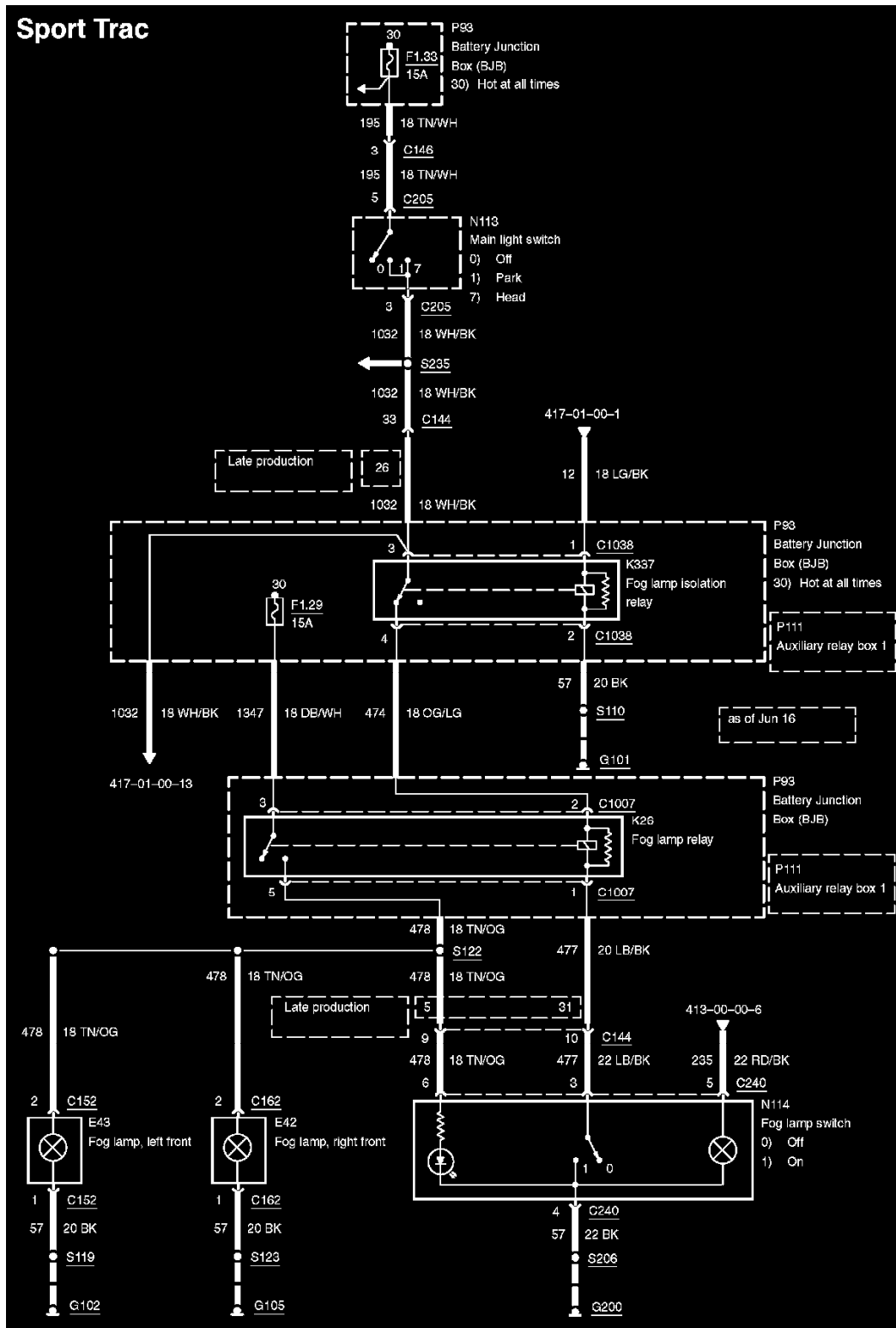
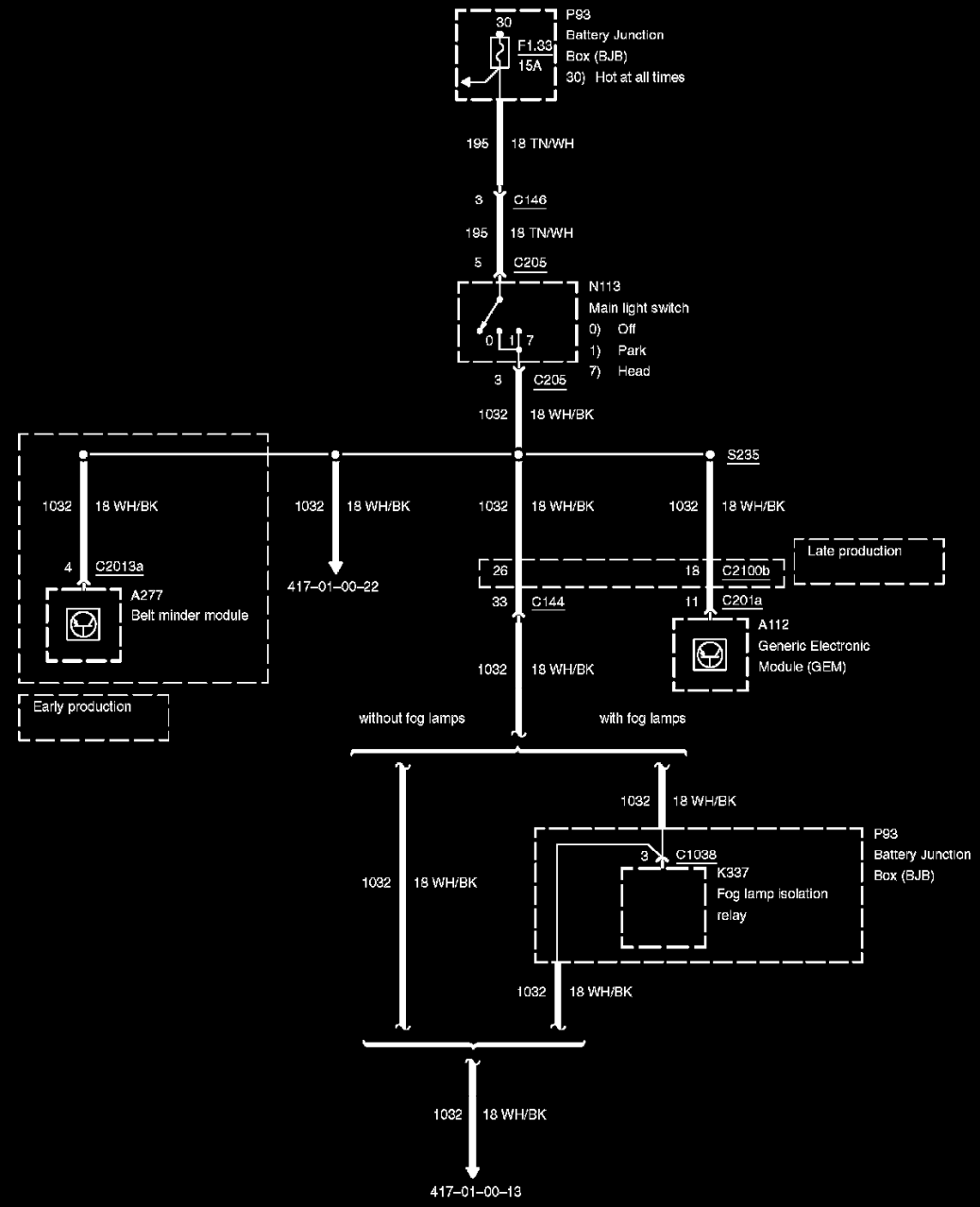


Diagram 417-01-00-1

Sport Trac**Diagram 417-01-00-11**

Sport Trac, With convenience group

Sport Trac, With convenience group

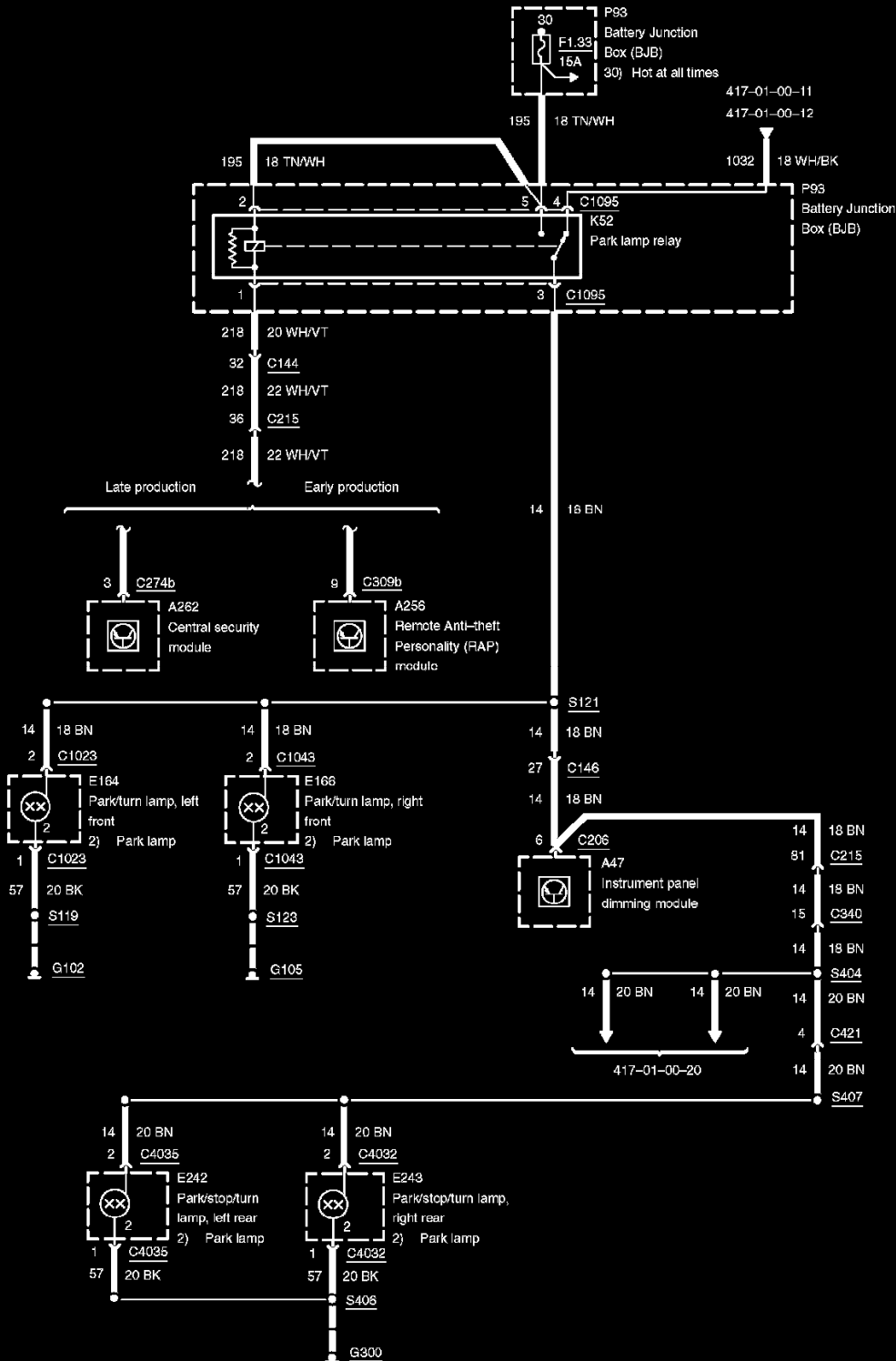


Diagram 417-01-00-13

Sport Trac, Lower option content

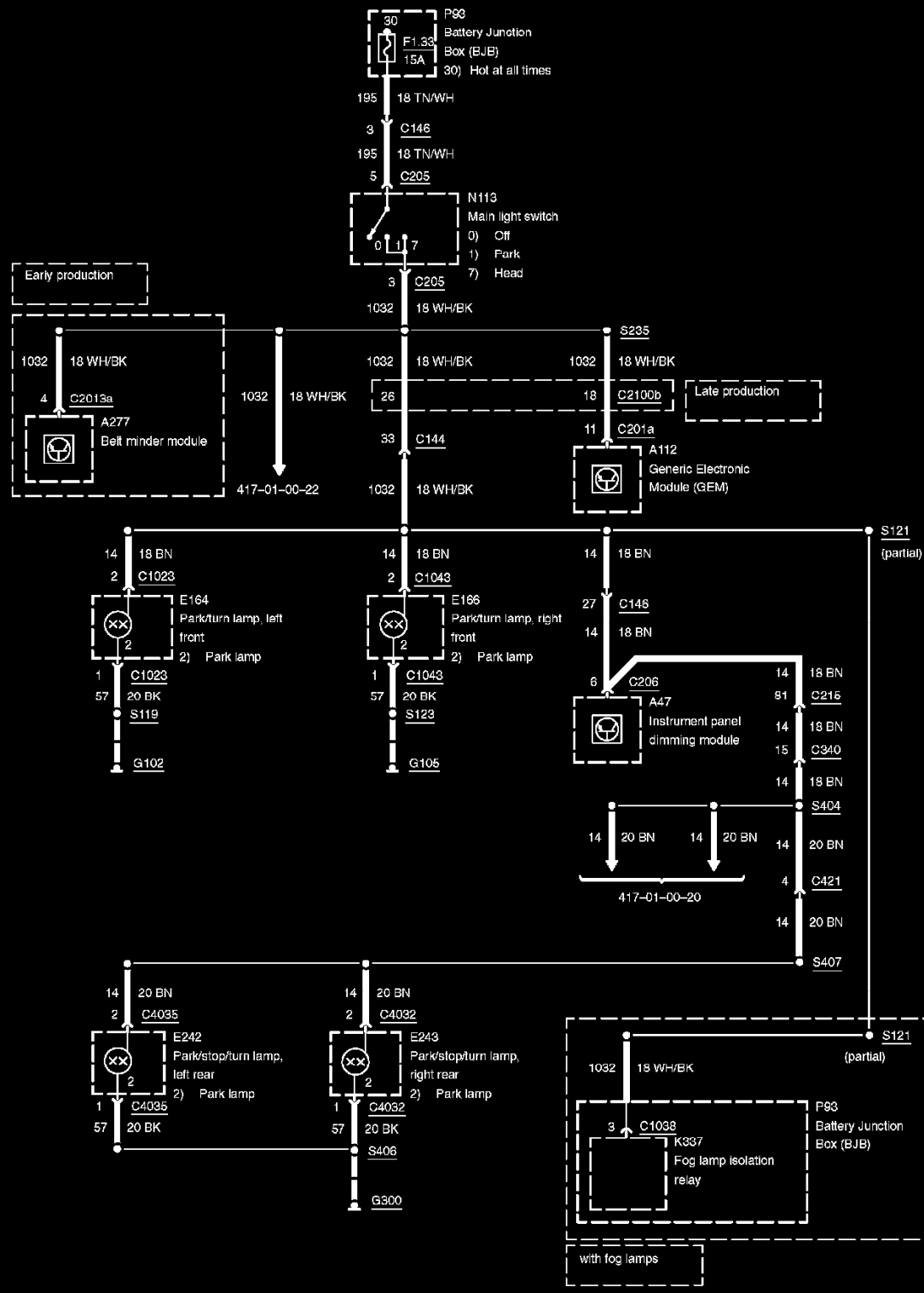
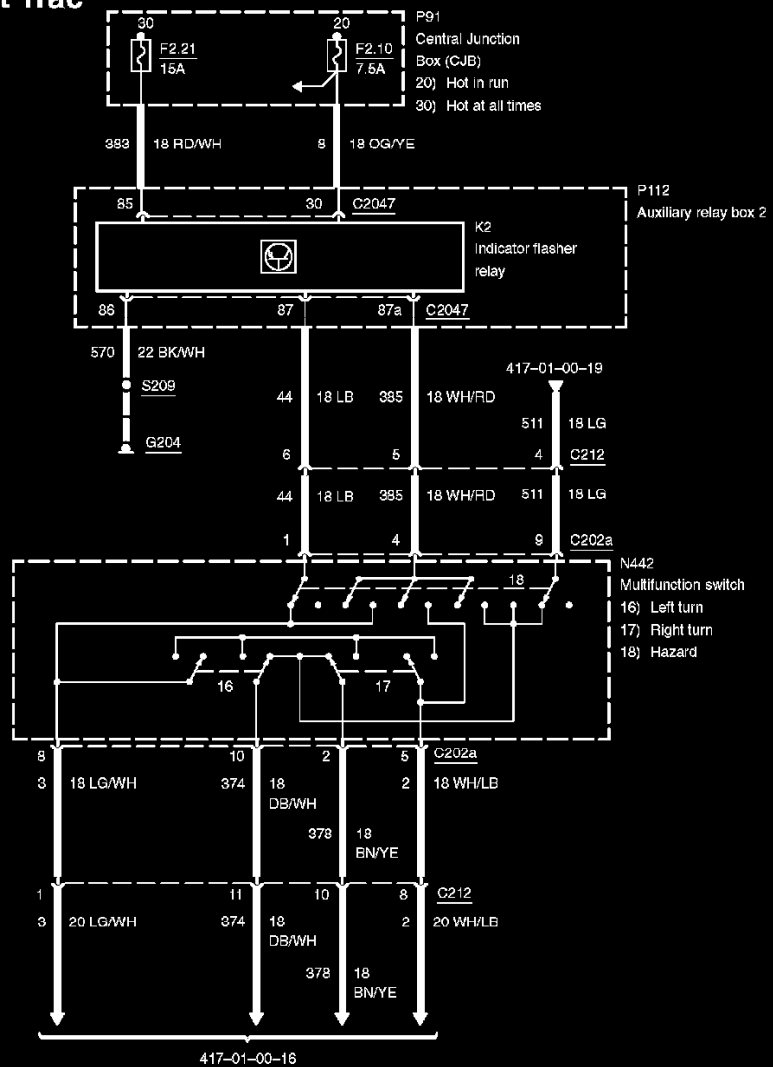


Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**

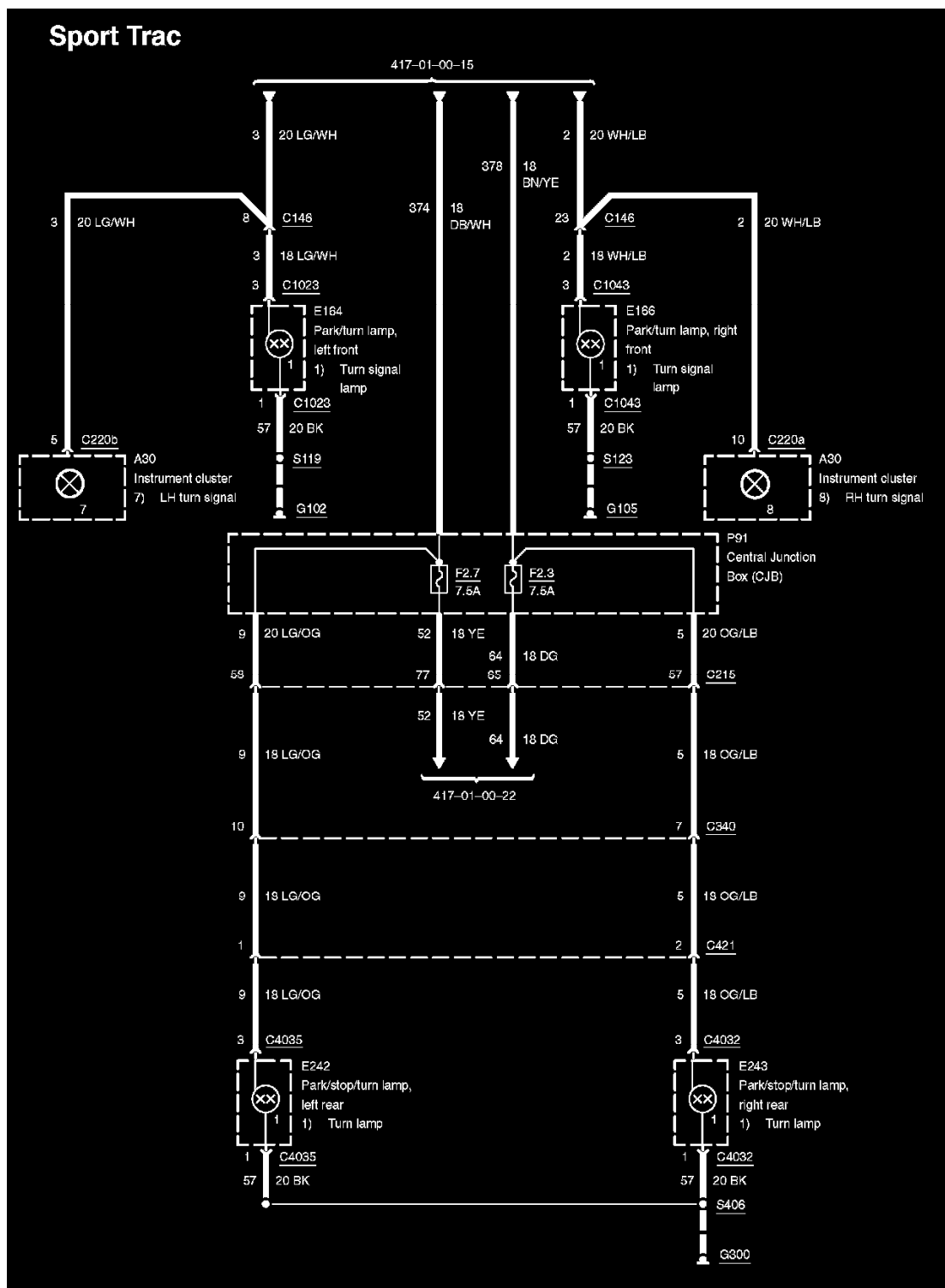
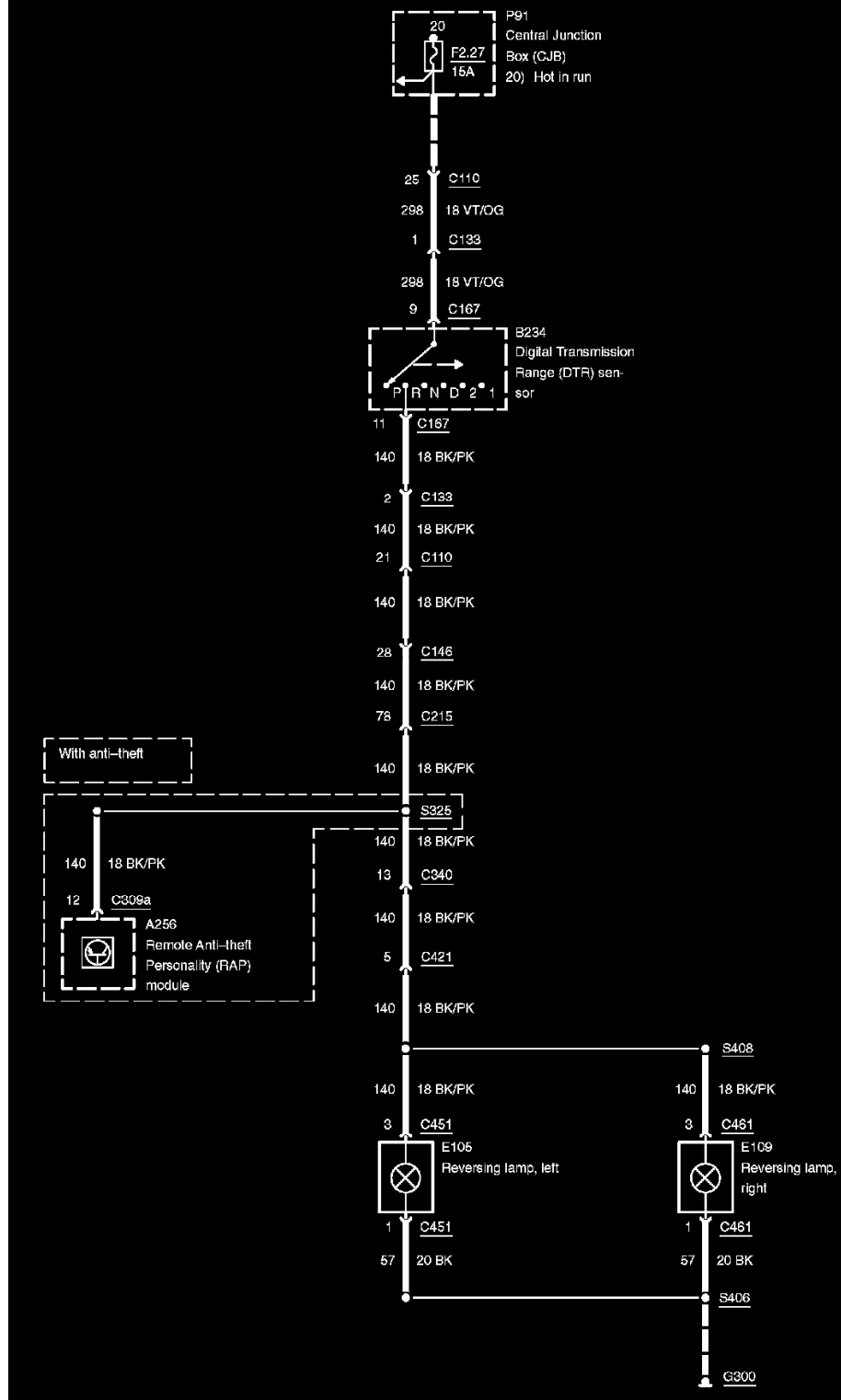
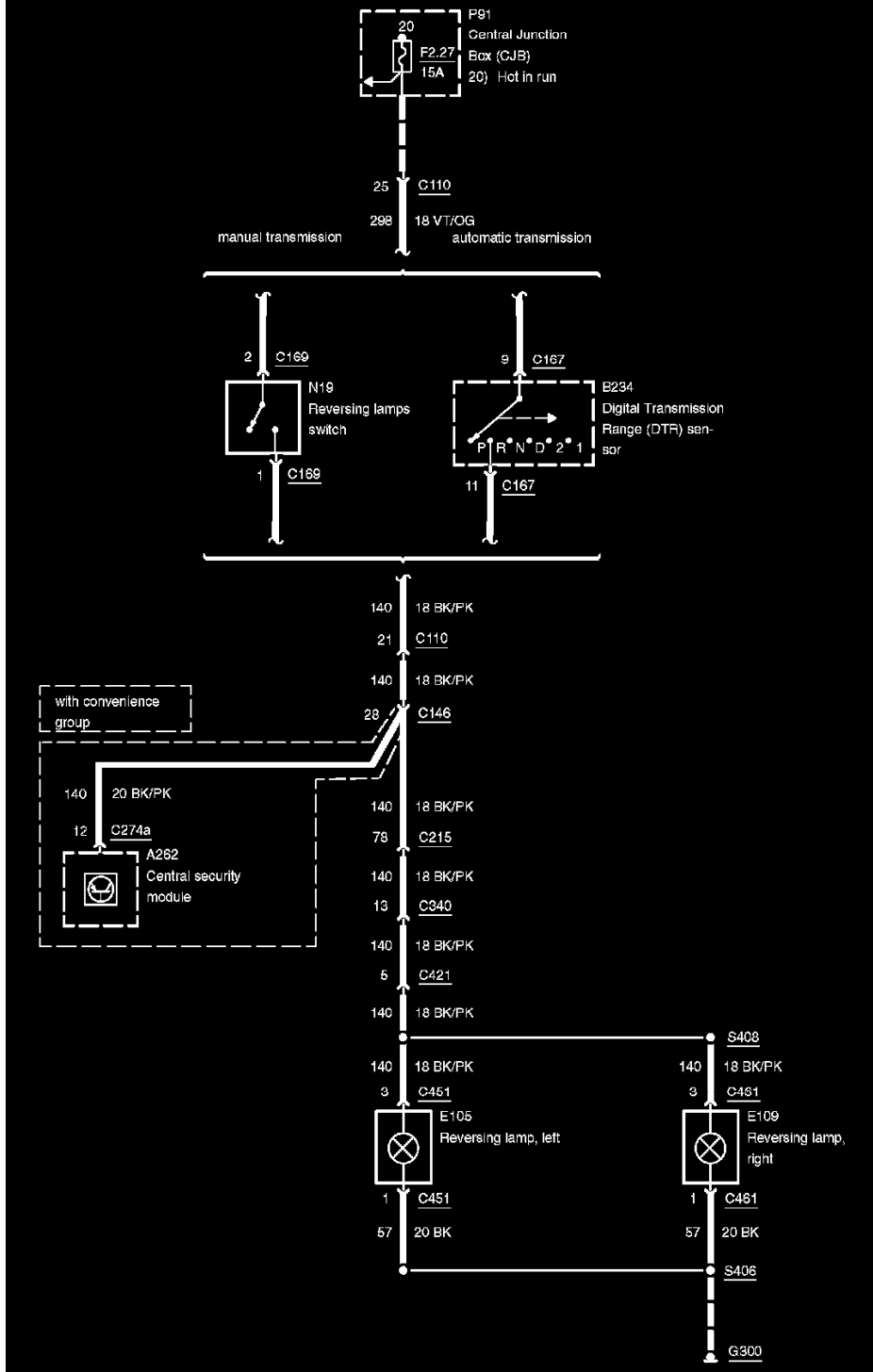


Diagram 417-01-00-16

Sport Trac, Early production**Diagram 417-01-00-17**

Sport Trac, Late production**Diagram 417-01-00-18**

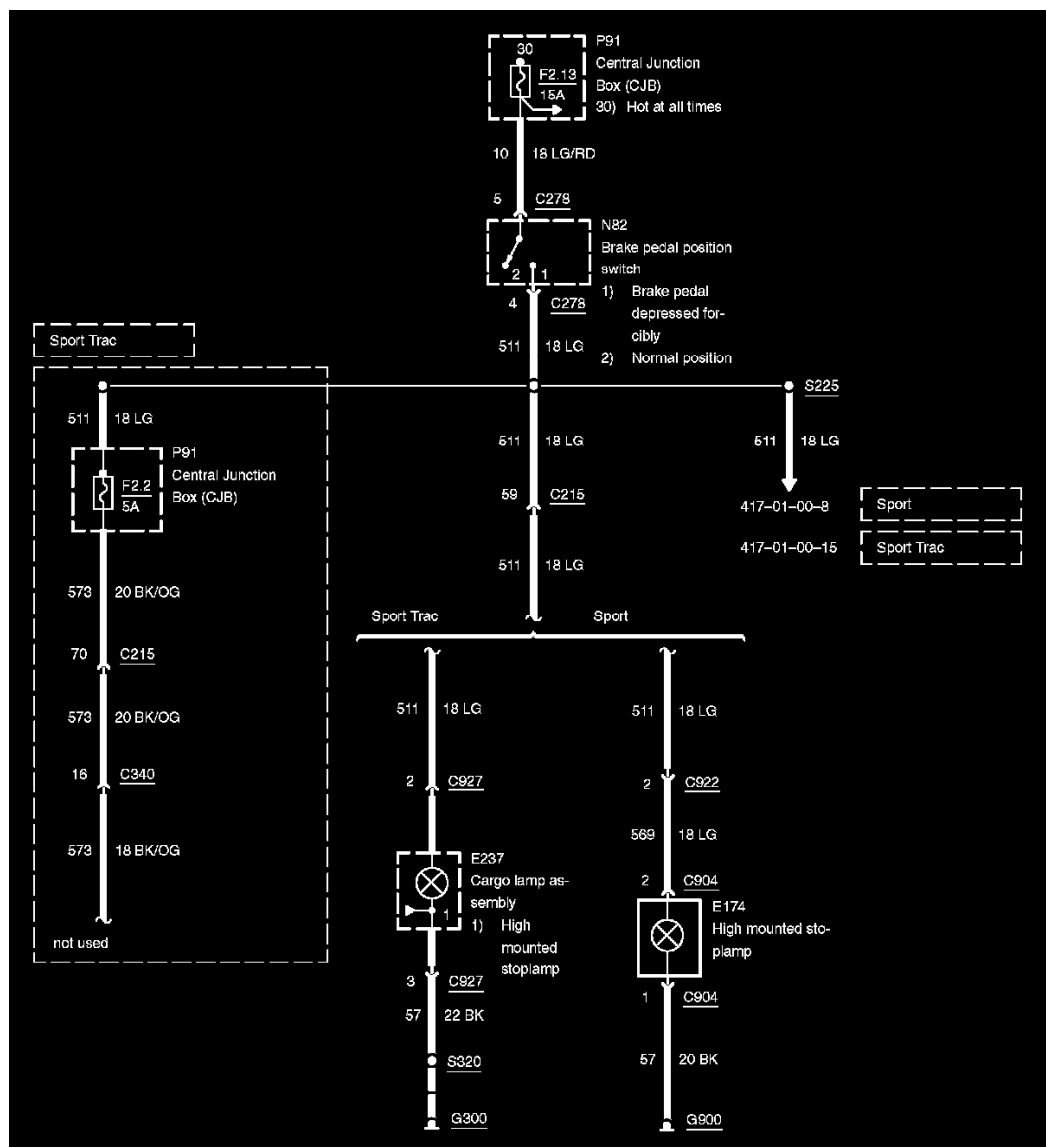


Diagram 417-01-00-19

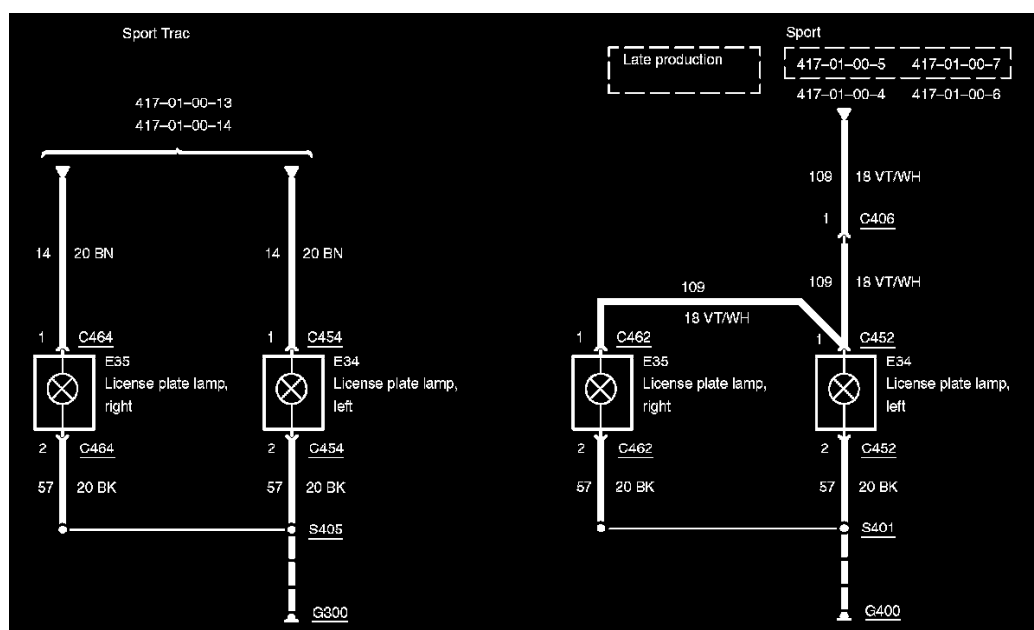
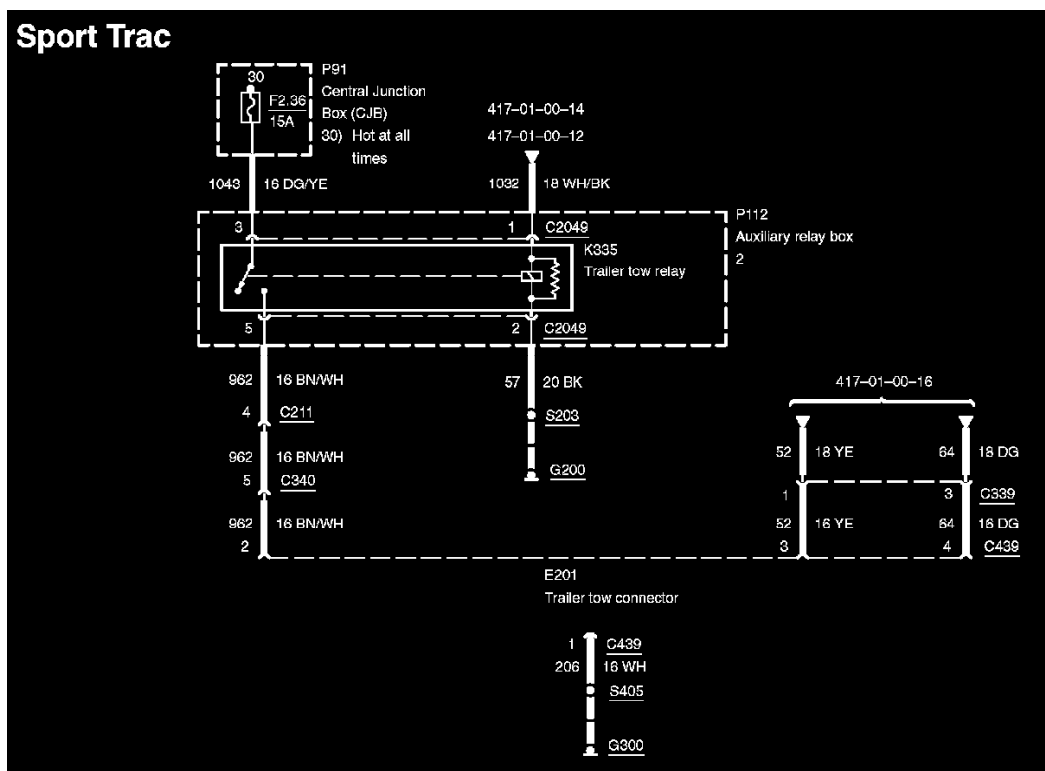
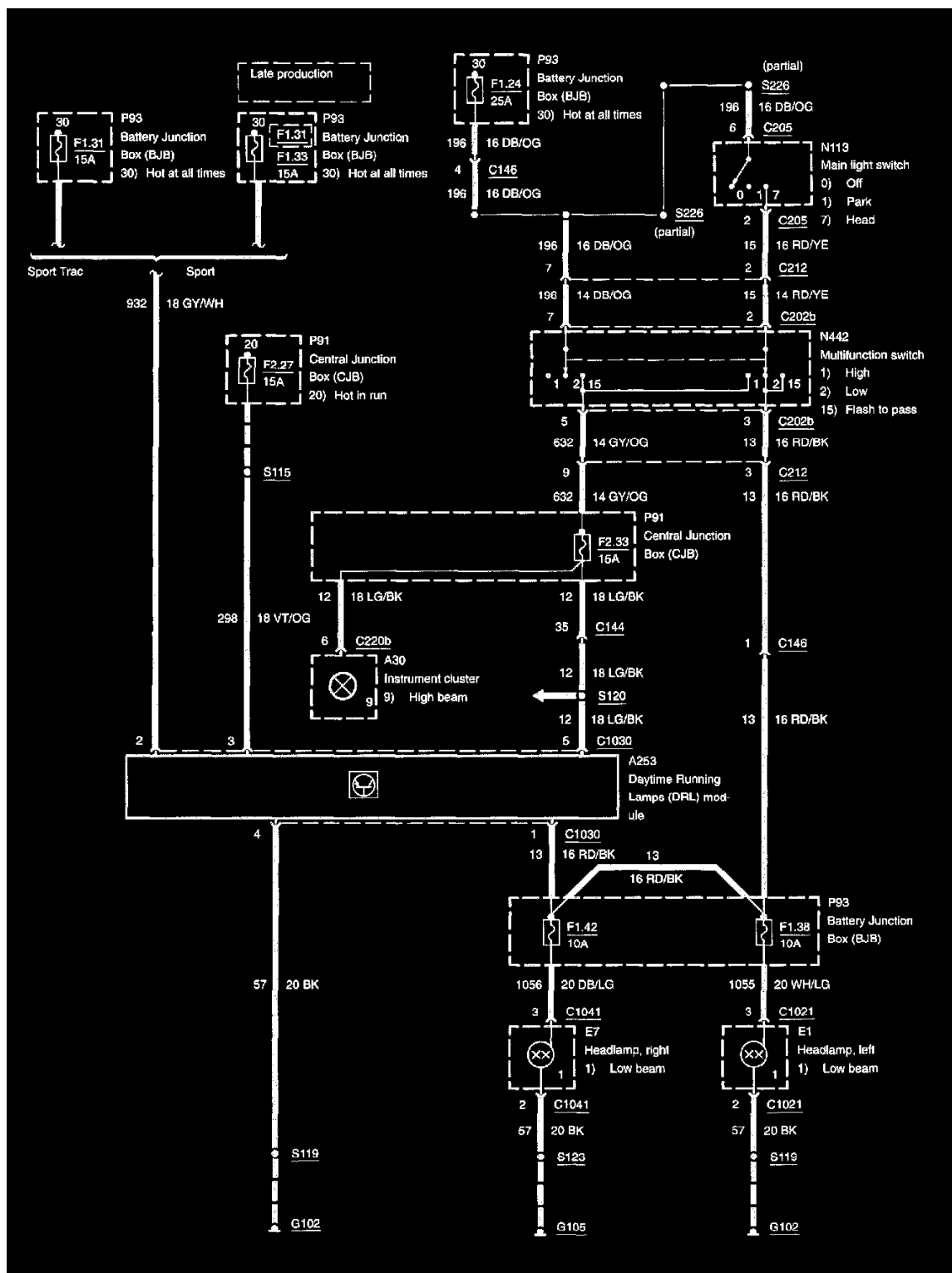


Diagram 417-01-00-20



RELATED DIAGRAMS

Diagram 413-00-00-3



Headlamp

DETAILED DIAGRAMS

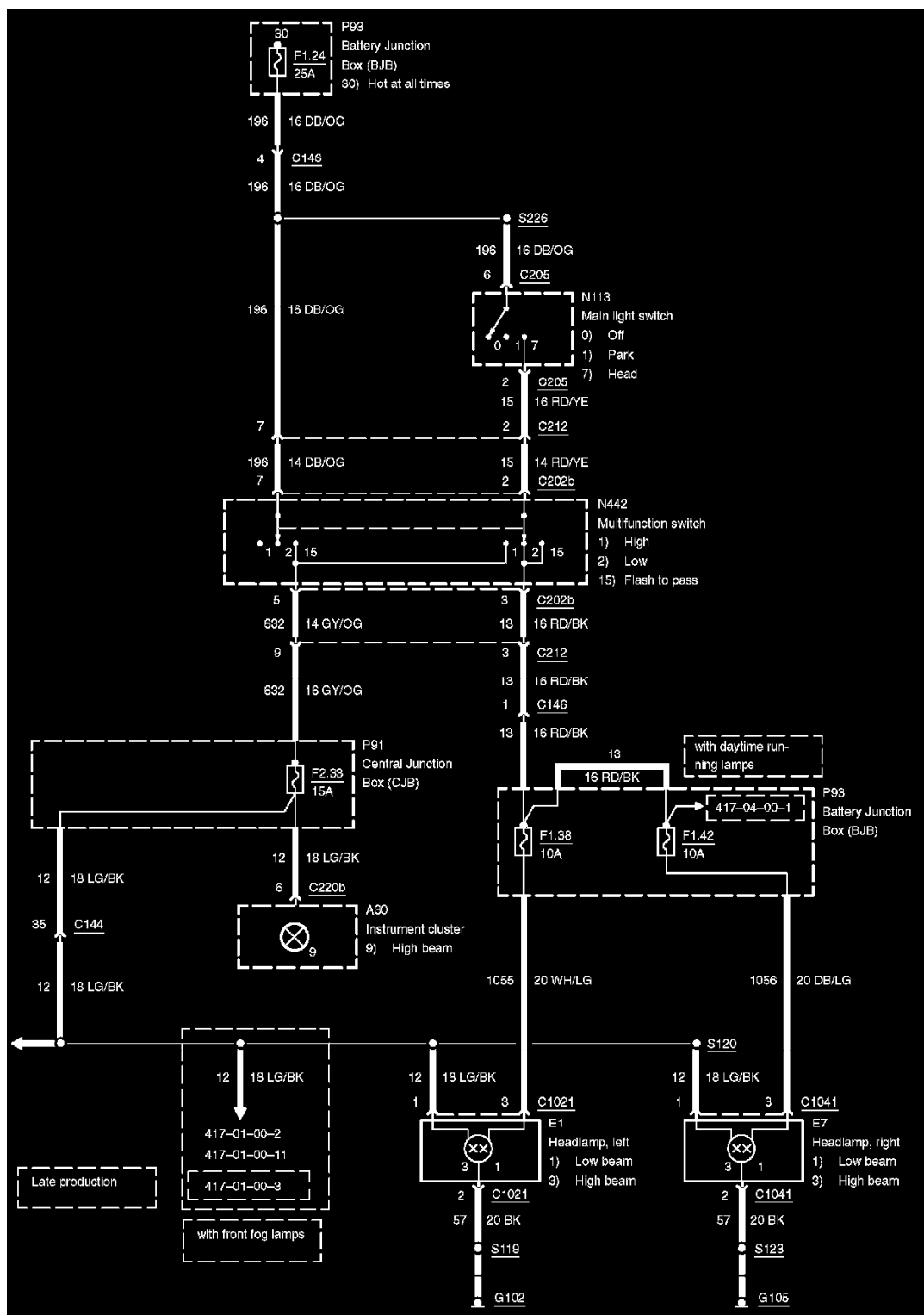
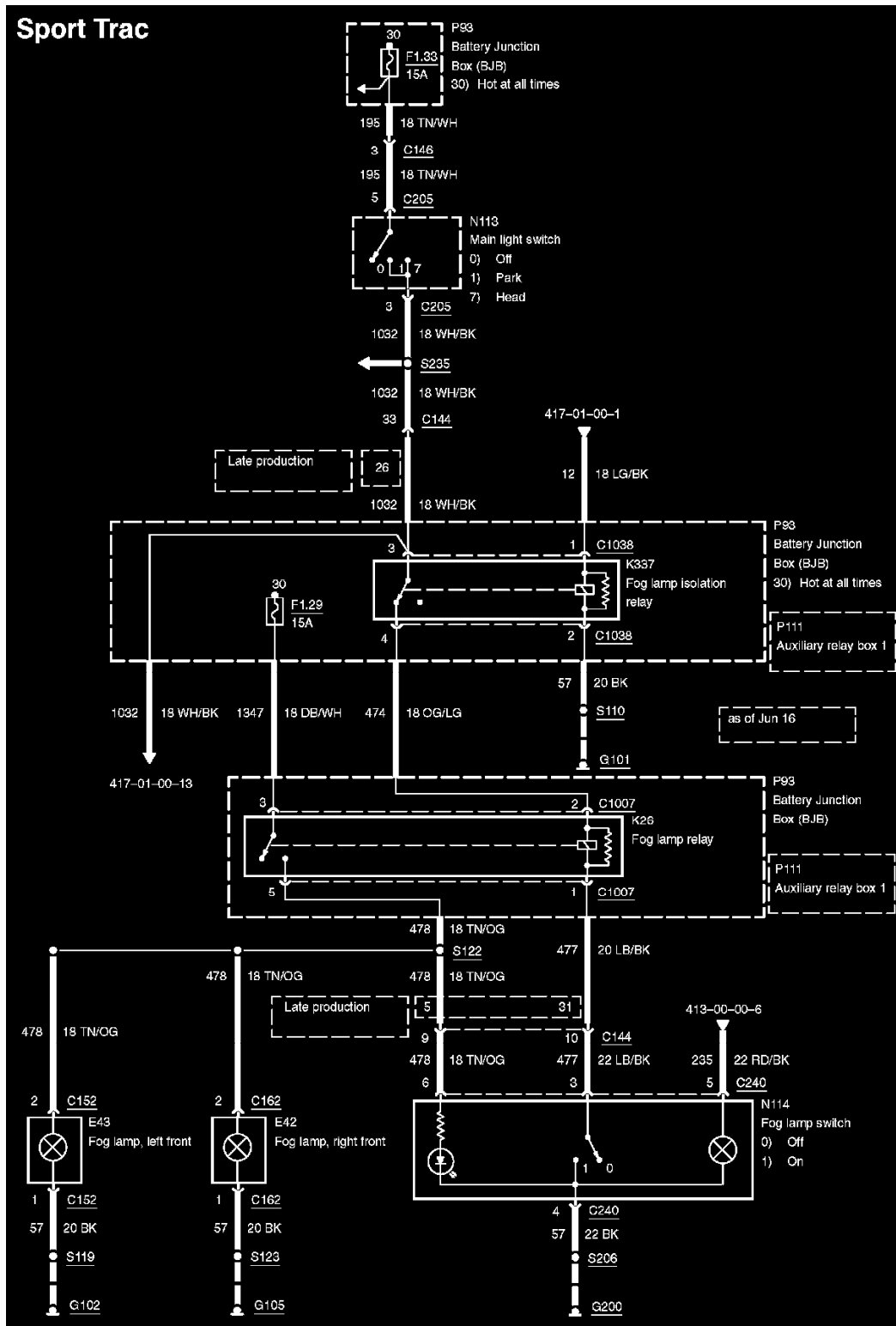
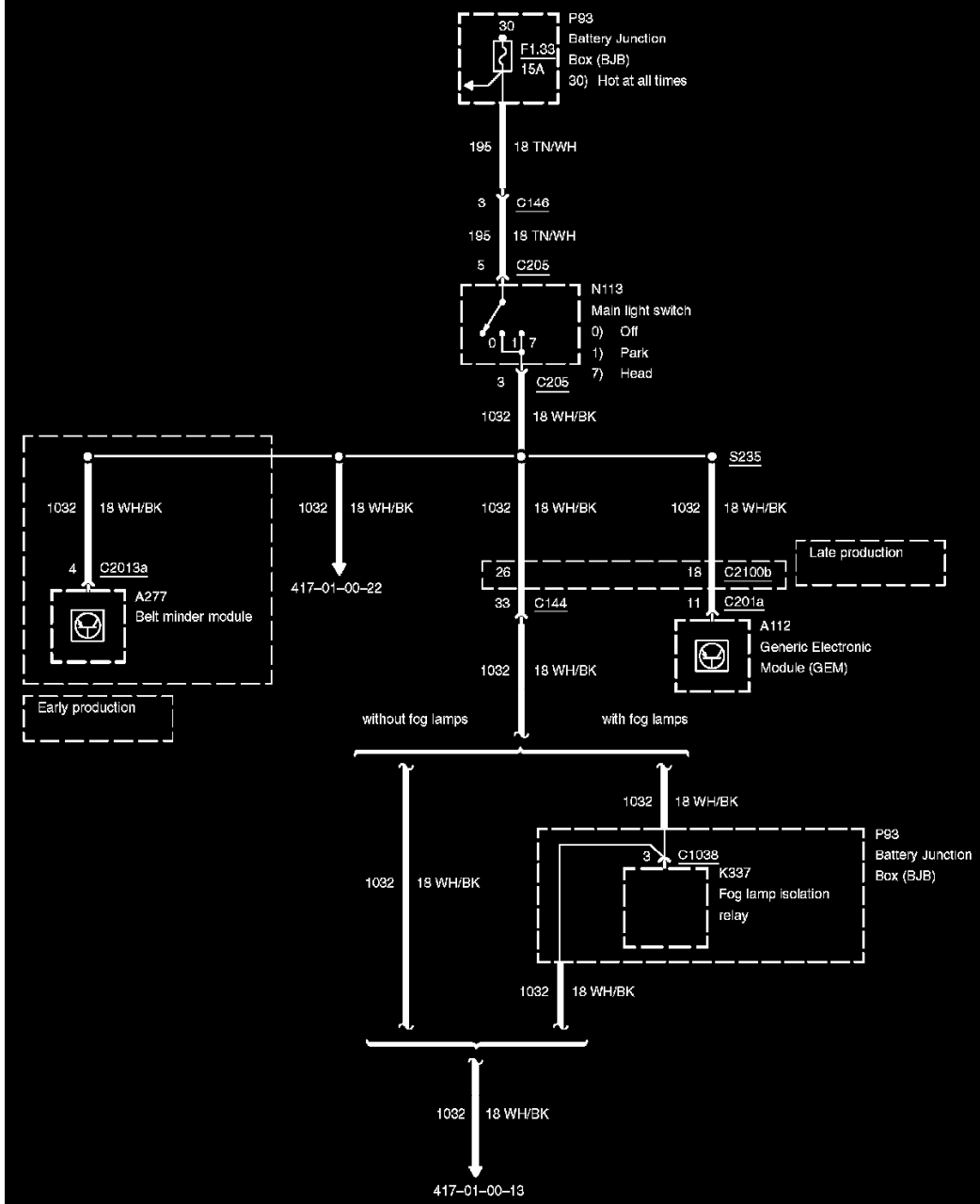


Diagram 417-01-00-1

Sport Trac**Diagram 417-01-00-11**

Sport Trac, With convenience group**Diagram 417-01-00-12**

Sport Trac, With convenience group

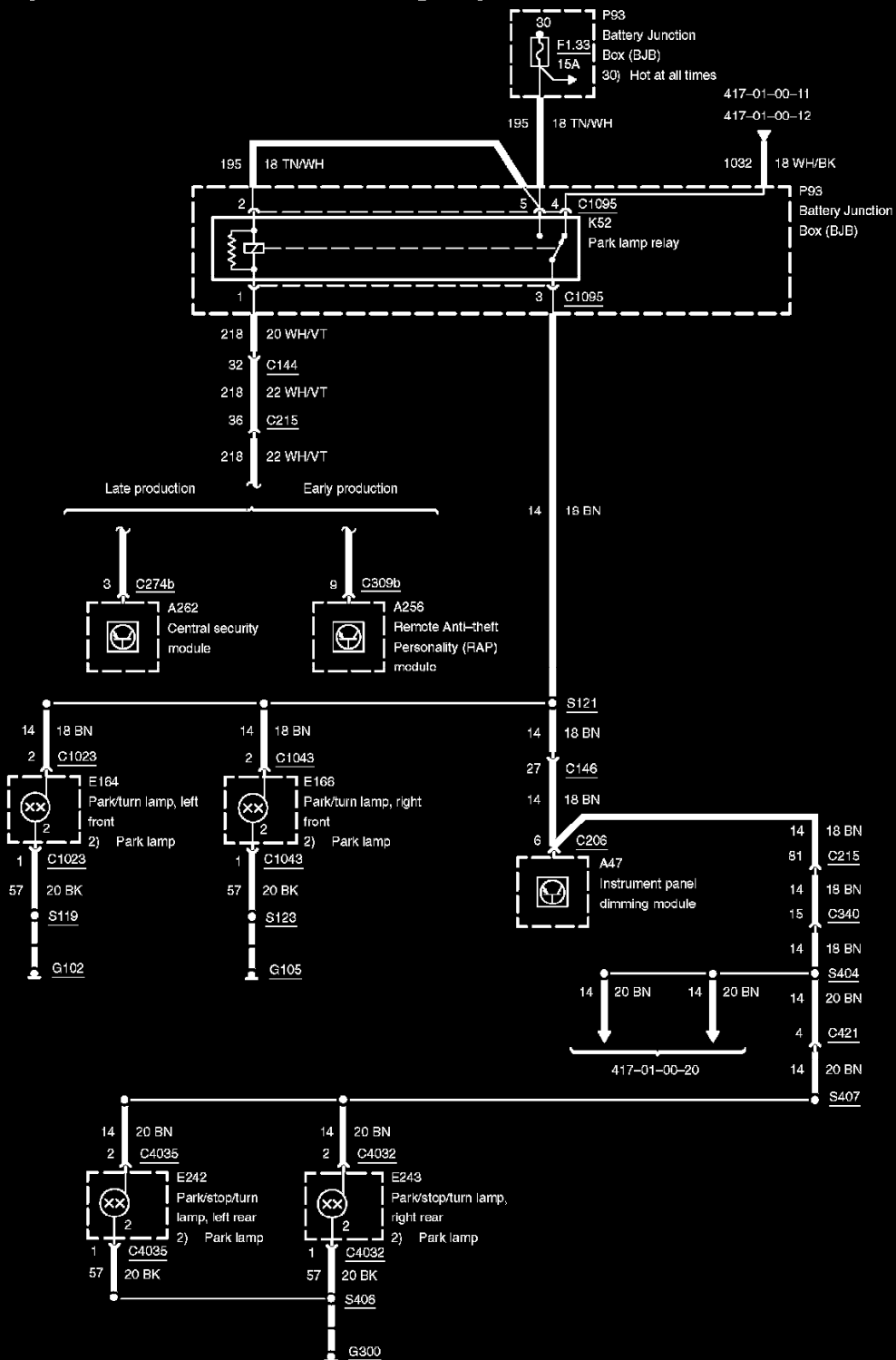


Diagram 417-01-00-13

Sport Trac, Lower option content

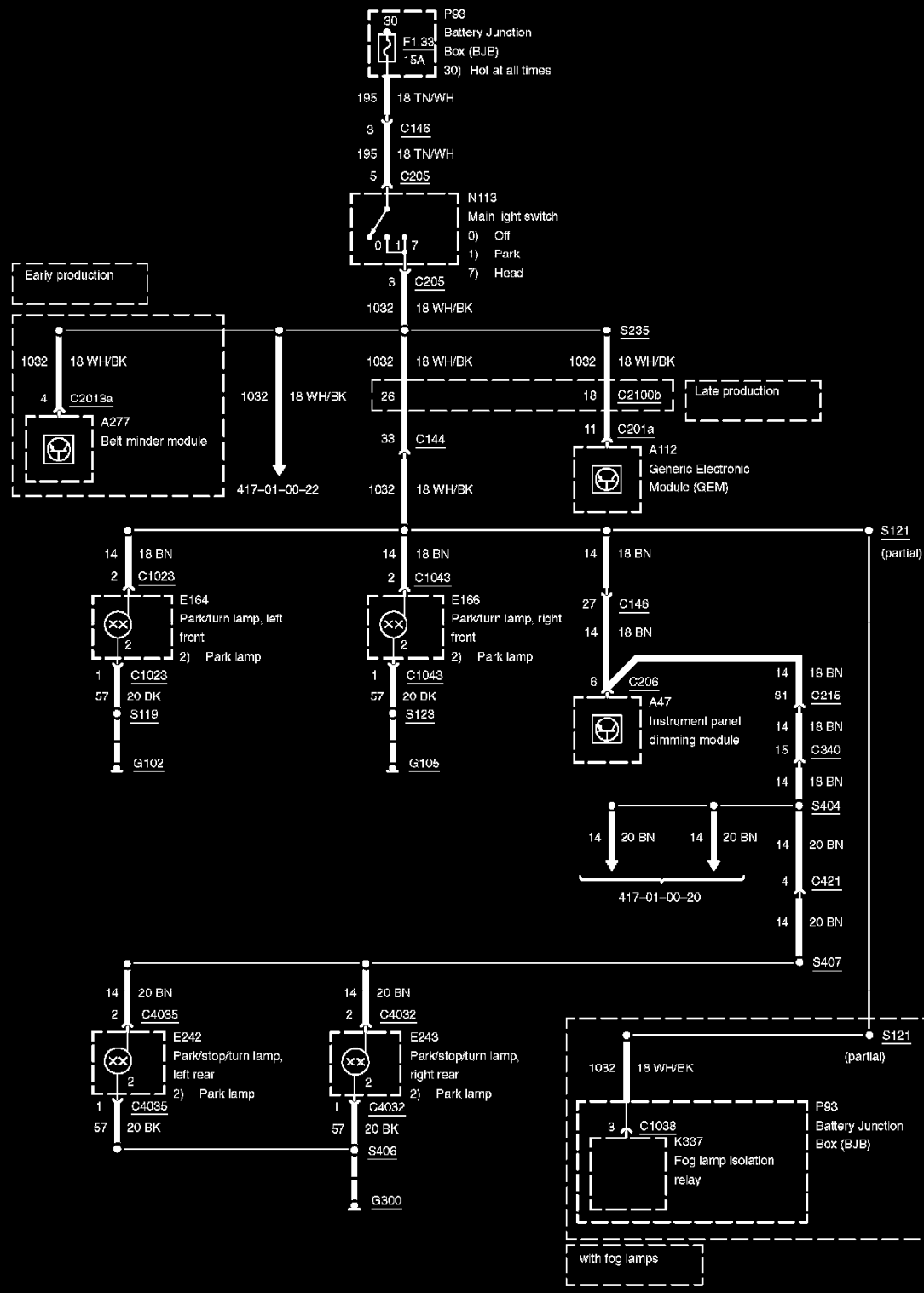
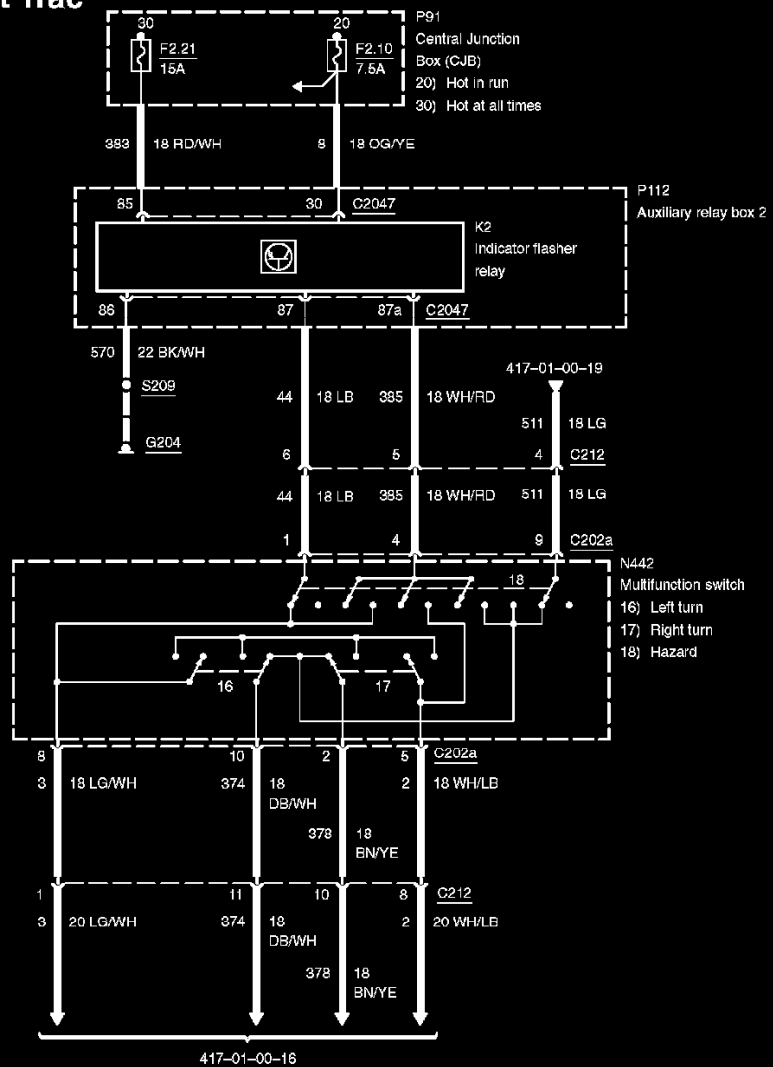
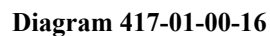


Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**



Sport Trac, Early production

The diagram illustrates the electrical system for the Sport Trac, Early production. It shows the power flow from the Central Junction Box (CJB) through various components, including the Digital Transmission Range (DTR) sensor, the Remote Anti-Theft Personality (RAP) module, and the reversing lamps.

Central Junction Box (CJB): P91, F2.27 15A, 20) Hot in run.

Digital Transmission Range (DTR) sensor: B234, P, R, N, D, 2, 1.

Remote Anti-Theft Personality (RAP) module: A256, C309a, 12, 140 18 BK/PK.

Reversing Lamps: E106, E109, 3, 1, 57, 20 BK.

Wiring Details:

- 20) Hot in run (CJB) to 25) C110.
- 25) C110 to 298 18 VT/OG.
- 298 18 VT/OG to 1 C133.
- 1 C133 to 298 18 VT/OG.
- 298 18 VT/OG to 9 C167.
- 9 C167 to B234 DTR sensor.
- B234 DTR sensor to 11 C157.
- 11 C157 to 140 18 BK/PK.
- 140 18 BK/PK to 2 C133.
- 2 C133 to 140 18 BK/PK.
- 140 18 BK/PK to 21 C110.
- 21 C110 to 140 18 BK/PK.
- 140 18 BK/PK to 28 C146.
- 28 C146 to 140 18 BK/PK.
- 140 18 BK/PK to 78 C215.
- 78 C215 to 140 18 BK/PK.
- 140 18 BK/PK to S325.
- S325 to 140 18 BK/PK.
- 140 18 BK/PK to 13 C340.
- 13 C340 to 140 18 BK/PK.
- 140 18 BK/PK to 5 C421.
- 5 C421 to 140 18 BK/PK.
- 140 18 BK/PK to 3 C451.
- 3 C451 to E106 Reversing lamp, left.
- E106 Reversing lamp, left to 1 C451.
- 1 C451 to 57 20 BK.
- 57 20 BK to S406.
- S406 to S408.
- S408 to 140 18 BK/PK.
- 140 18 BK/PK to 3 C461.
- 3 C461 to E109 Reversing lamp, right.
- E109 Reversing lamp, right to 1 C461.
- 1 C461 to 57 20 BK.
- 57 20 BK to S406.
- S406 to G300.

Diagram 417-01-00-17

Sport Trac, Late production

The diagram illustrates the electrical system for a Sport Trac, Late production. It shows the following components and connections:

- Central Junction Box (CJB):** Labeled P91, 20, Hot in run. It contains a 15A fuse F2.27.
- Transmission:** The system branches into manual transmission (terminals 25, 298) and automatic transmission (terminal 18 VT/OG).
- Reversing Lamps:** Two reversing lamps are shown, labeled E105 (left) and E109 (right). They are connected to terminals 1 and 57, which are labeled 20 BK.
- Reversing Lamps Switch:** Labeled N19, it controls the reversing lamps via terminals 1 and 2, connected to C169.
- Digital Transmission Range (DTR) sensor:** Labeled E234, it is connected to terminals 9 and 11, connected to C167.
- Central security module:** Labeled A282, it is connected to terminals 12 and 140, connected to C274a. It is part of a "with convenience group".
- Other components:** The diagram includes various relays and connectors labeled C110, C146, C215, C340, C421, C451, S408, and G300.

Diagram 417-01-00-18

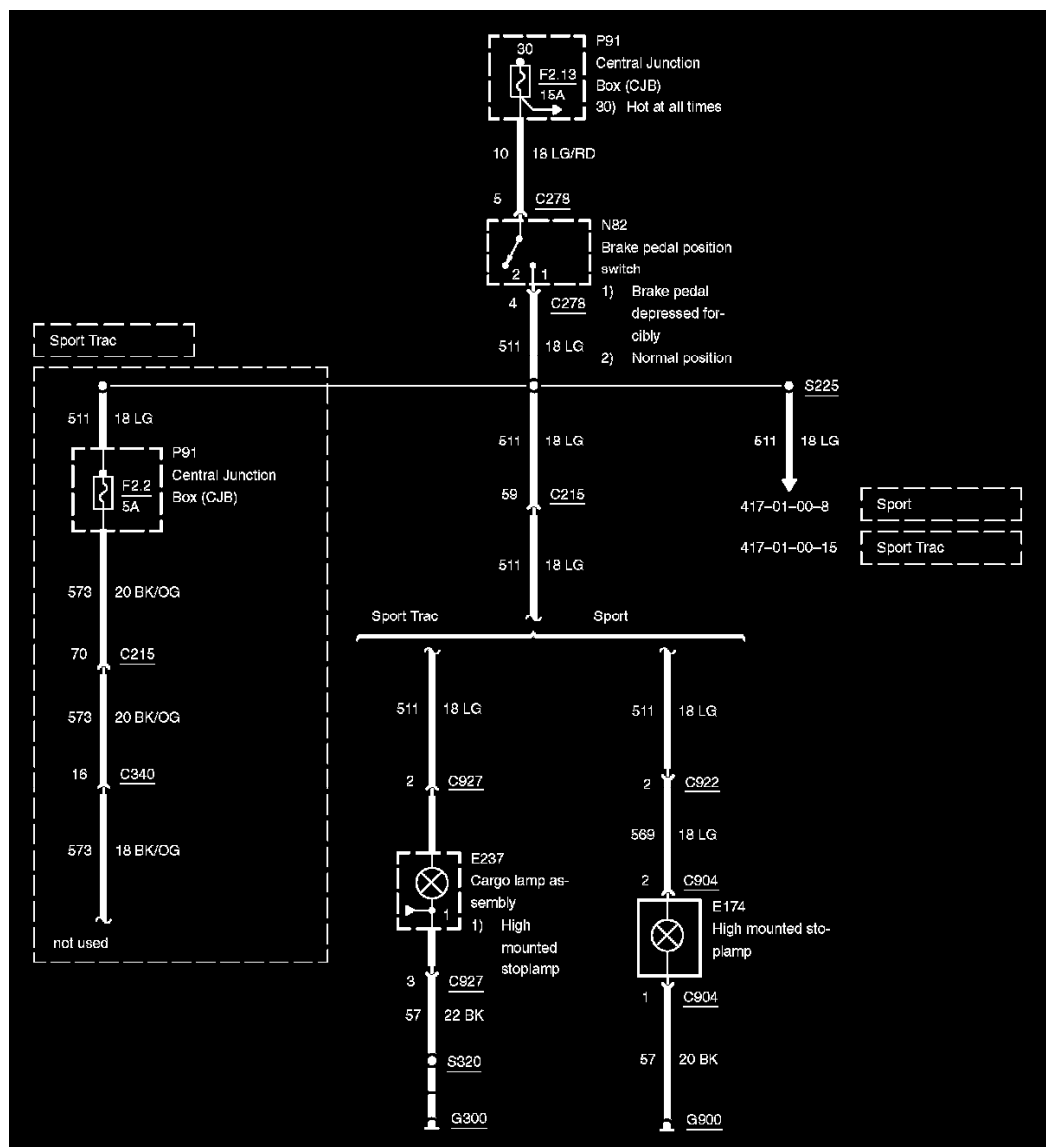


Diagram 417-01-00-19

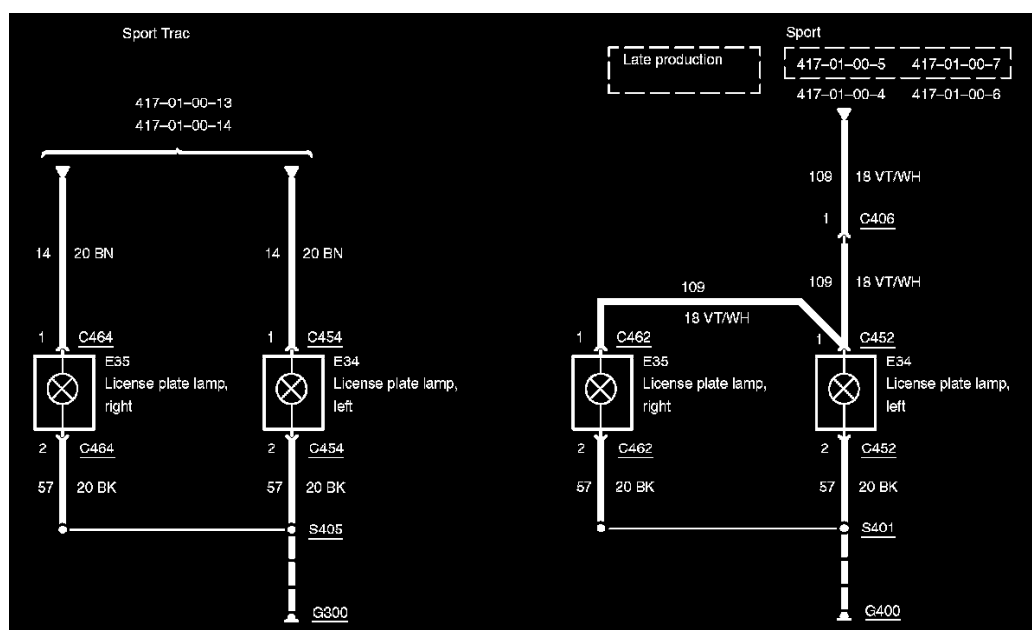
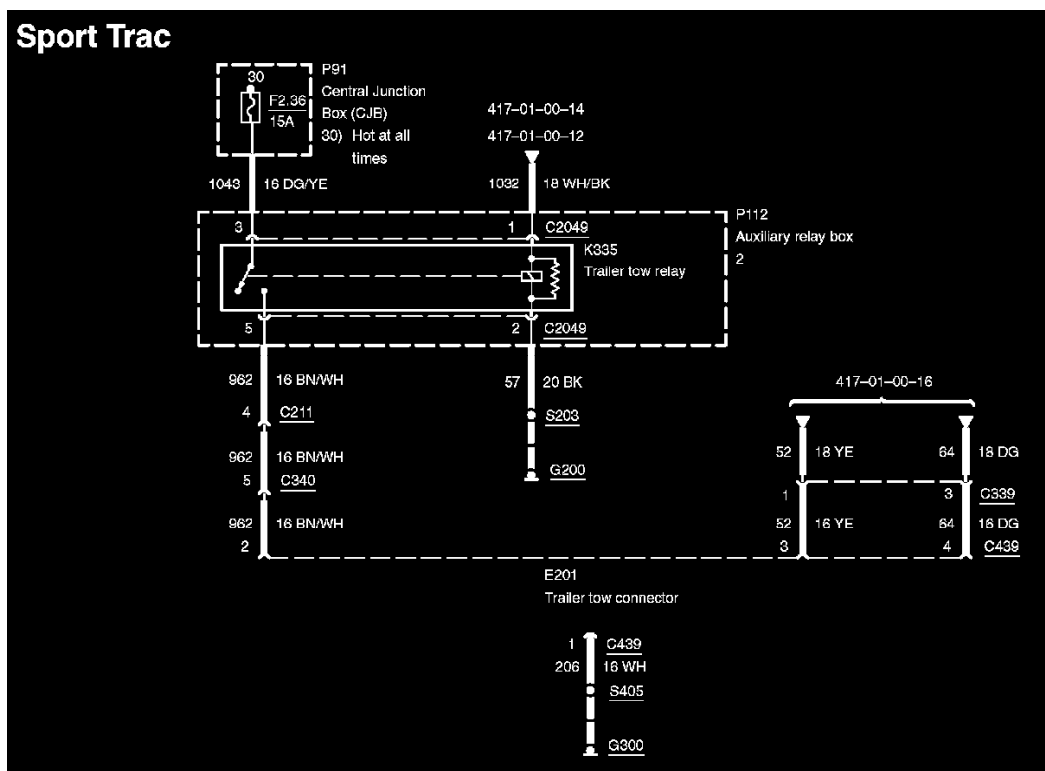


Diagram 417-01-00-20



RELATED DIAGRAMS

Sport

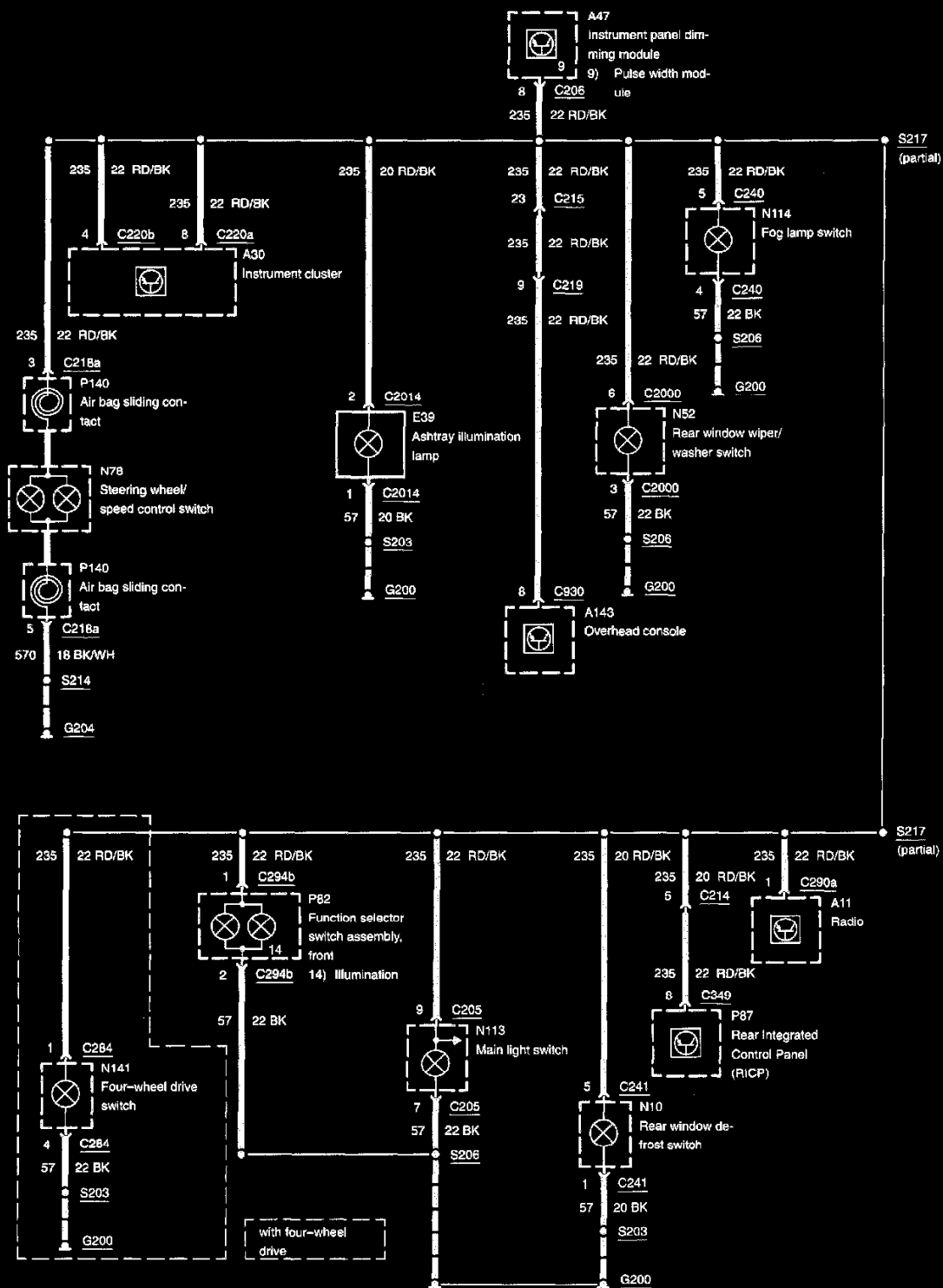
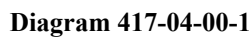


Diagram 413-00-00-3



Horn

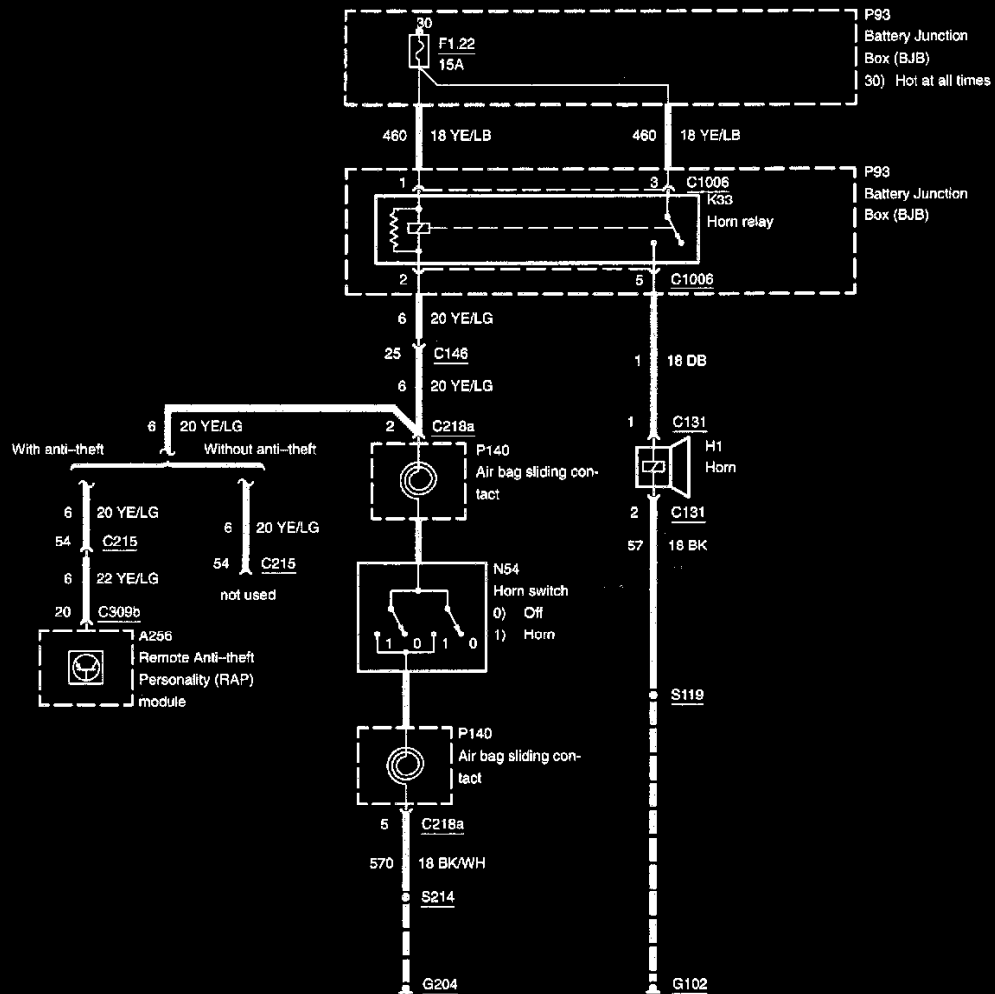
Early production, Without speed control

Diagram 413-06-00-1

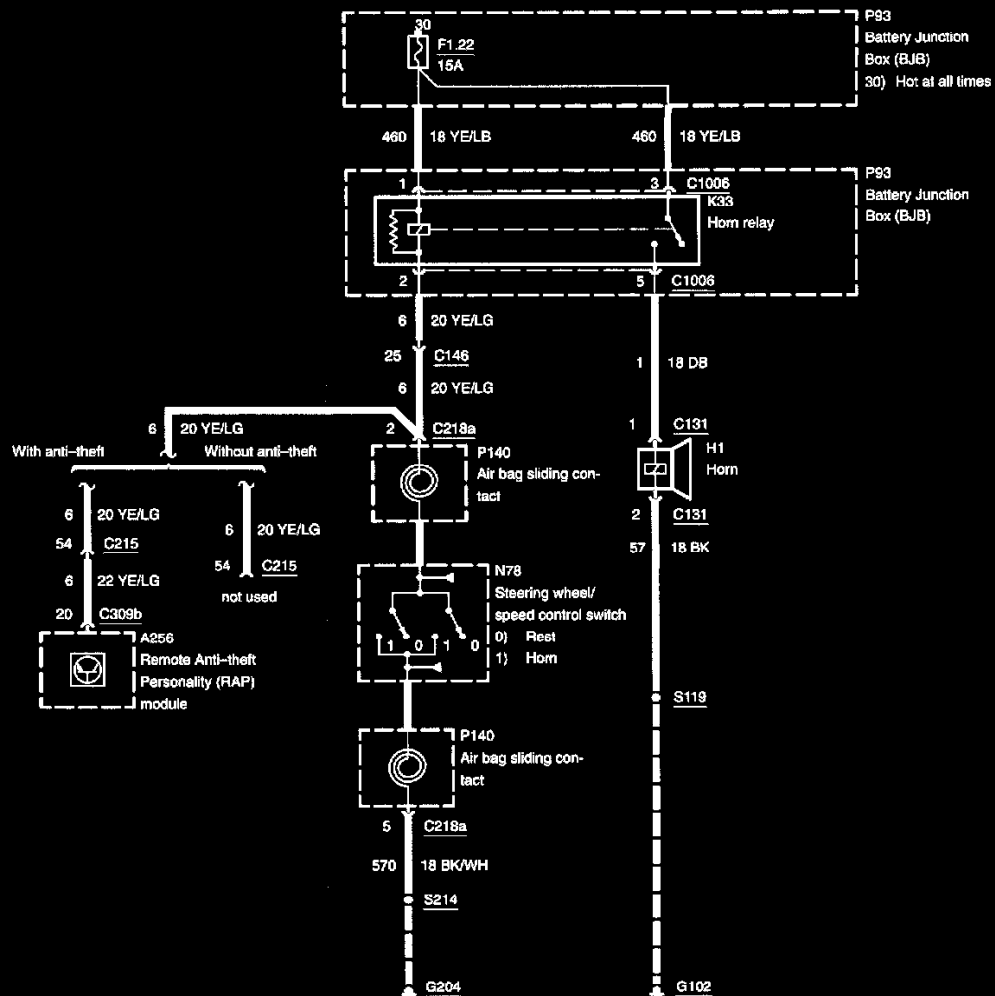
Early production, With speed control

Diagram 413-06-00-2

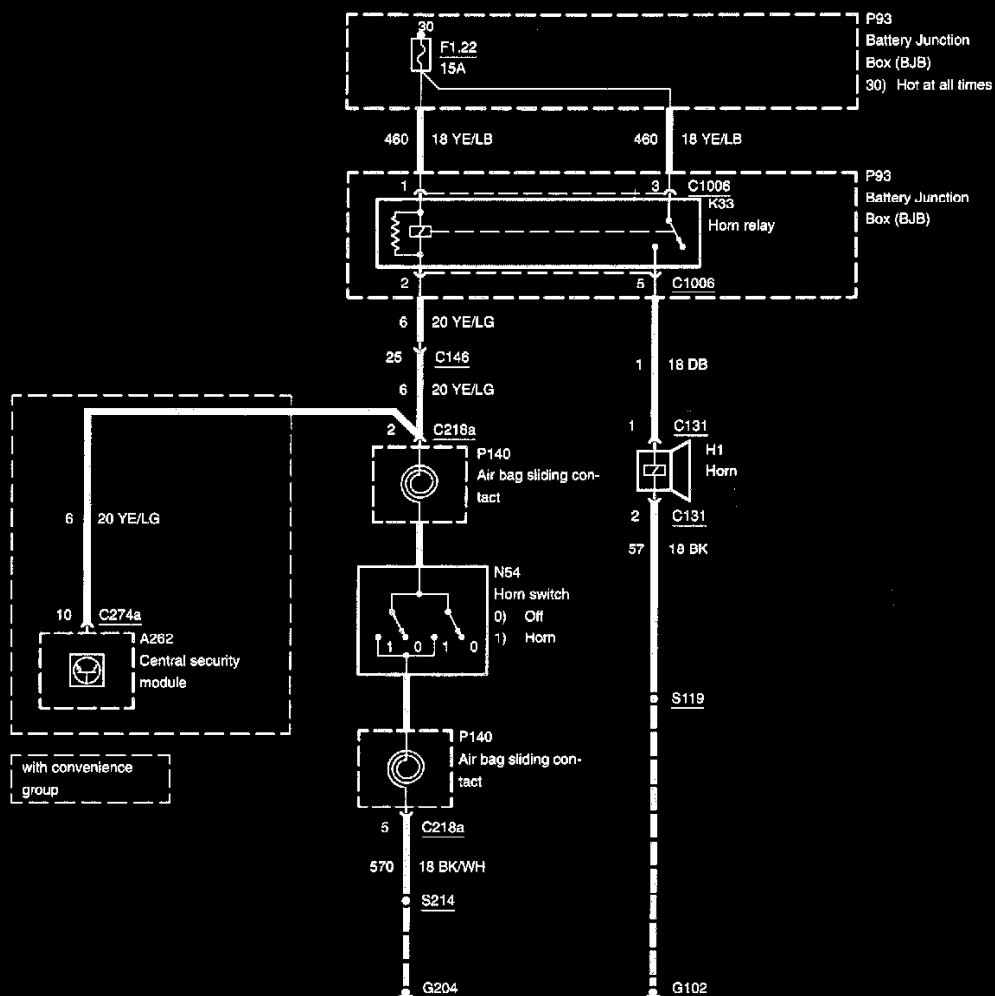
Late production, Without speed control

Diagram 413-06-00-3

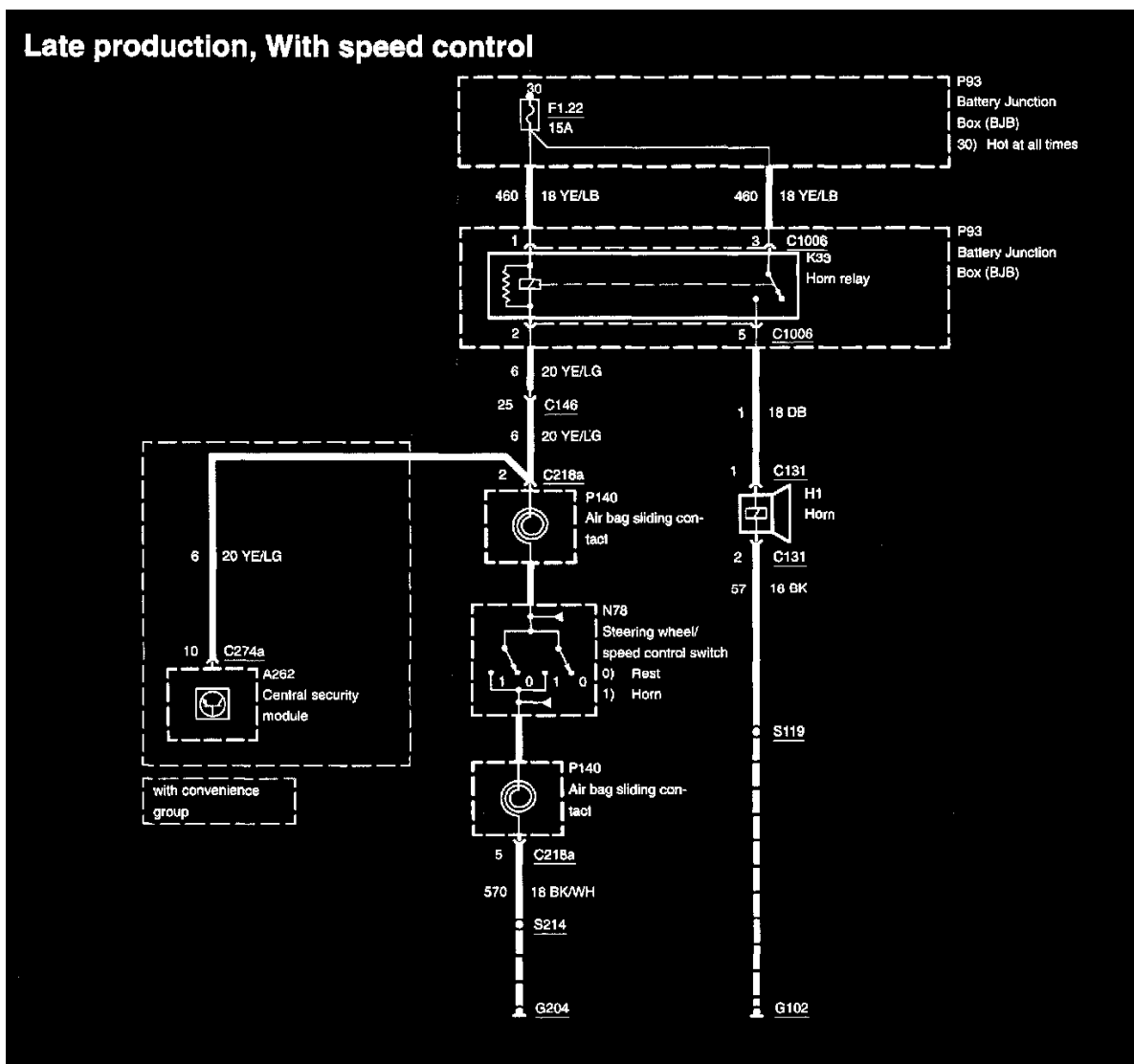


Diagram 413-06-00-4

Interior Lighting Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

Lamp Out Indicator

Early production

The diagram illustrates the electrical system for early production, featuring a Central Junction Box (CJB) and a Generic Electronic Module (GEM).

Central Junction Box (CJB) Components:

- Fuses:** F2.20 (7.5A), F2.25 (7.5A), F2.28 (7.5A), and F2.10 (7.5A).
- Switches:** S219, S205, and S216.
- Wiring:** 1002 (22 BK/PK), 1001 (22 WH/YE), 1000 (20 RD/BK), 1003 (22 GN/YE).
- Terminals:** 75, 30, 50, 20, 15, 11, 14, 6.

Generic Electronic Module (GEM) Components:

- Wiring:** 570 (22 BK/WH), 570 (22 BK/WH).
- Switches:** S214.
- Terminal:** G204.

Legend:

- 20) Hot in run
- 30) Hot at all times
- 50) Hot in start
- 75) Hot in run or accessory

Diagram 413-09-00-1

Early production

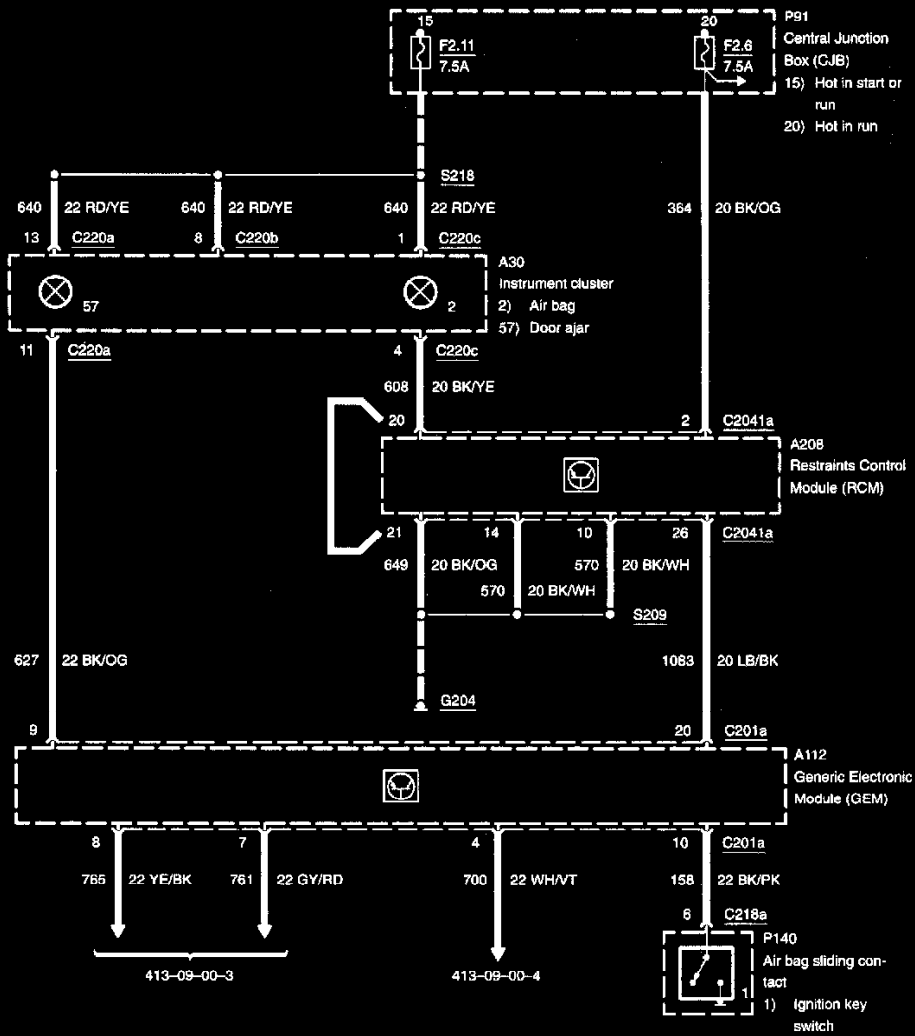


Diagram 413-09-00-2

Early production

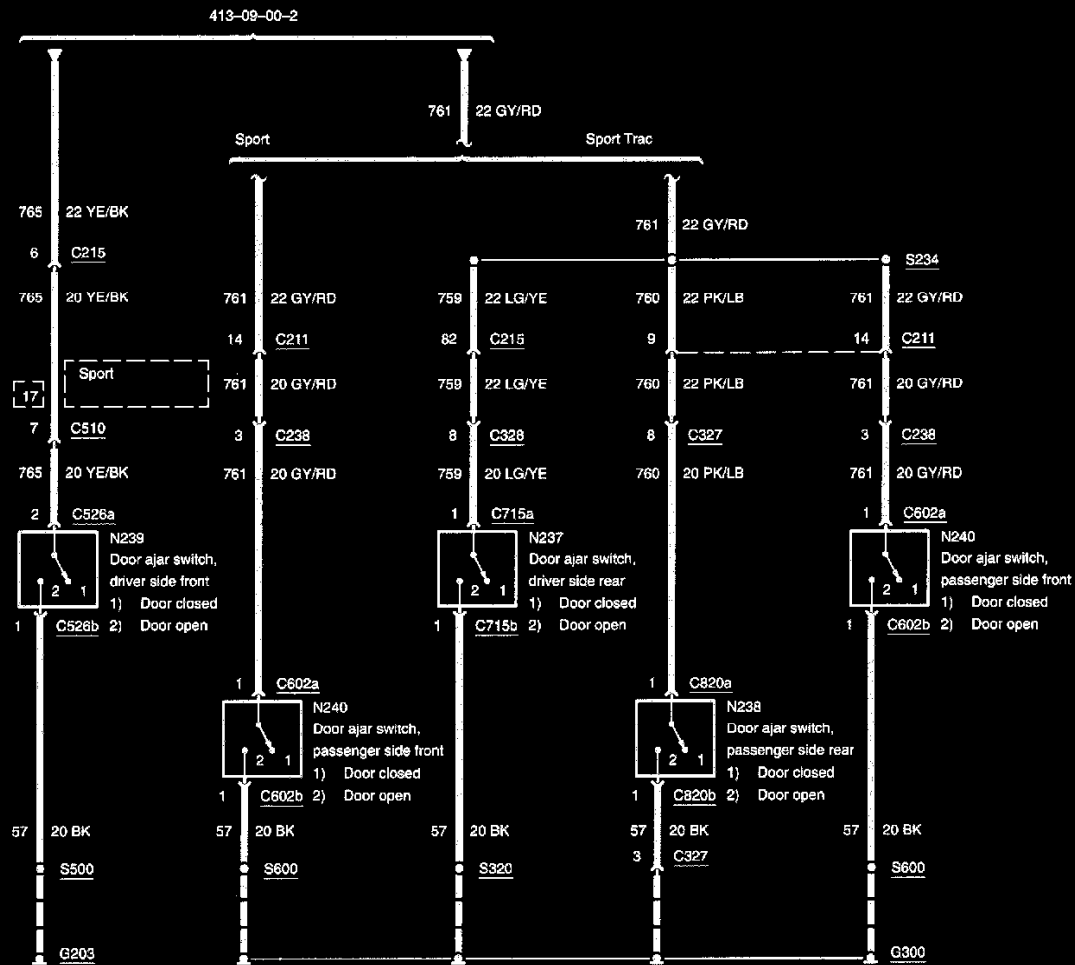
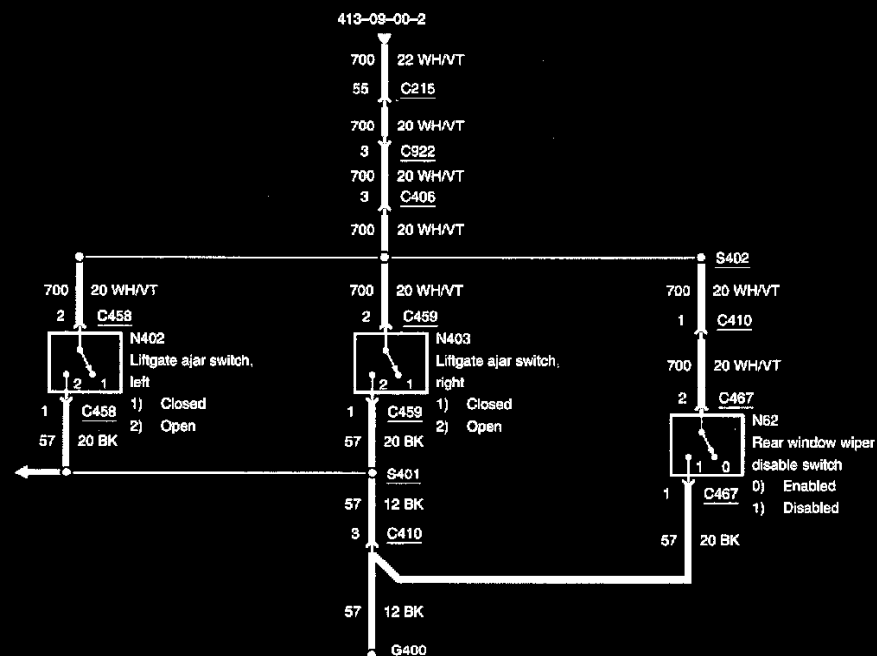
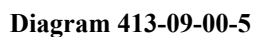


Diagram 413-09-00-3

Early production



Early production



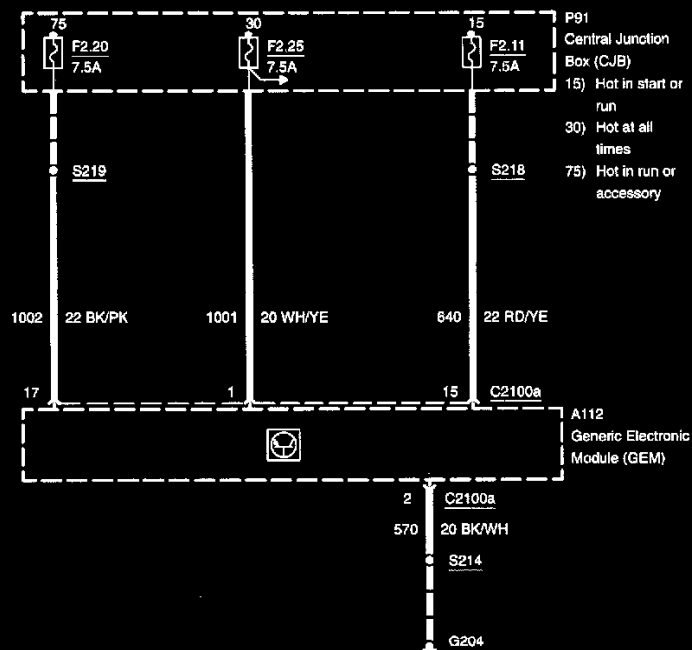
Late production

Diagram 413-09-00-6

Late production

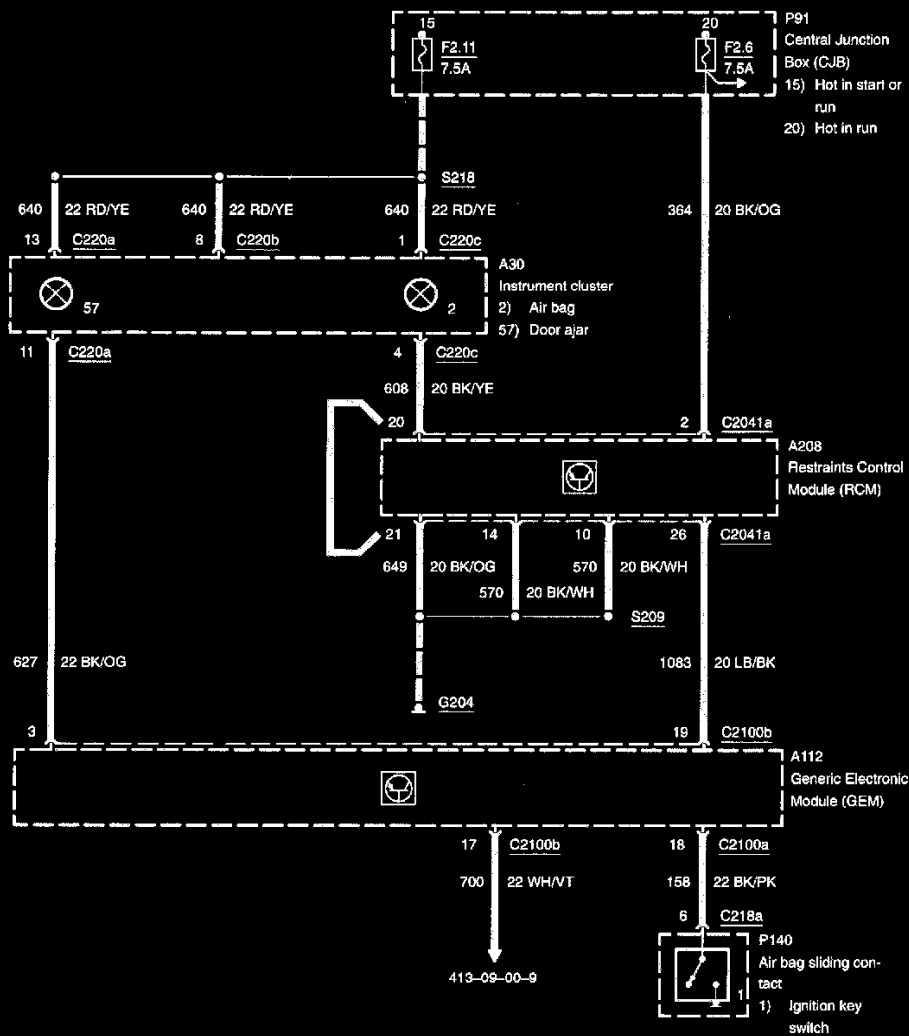


Diagram 413-09-00-7

Late production

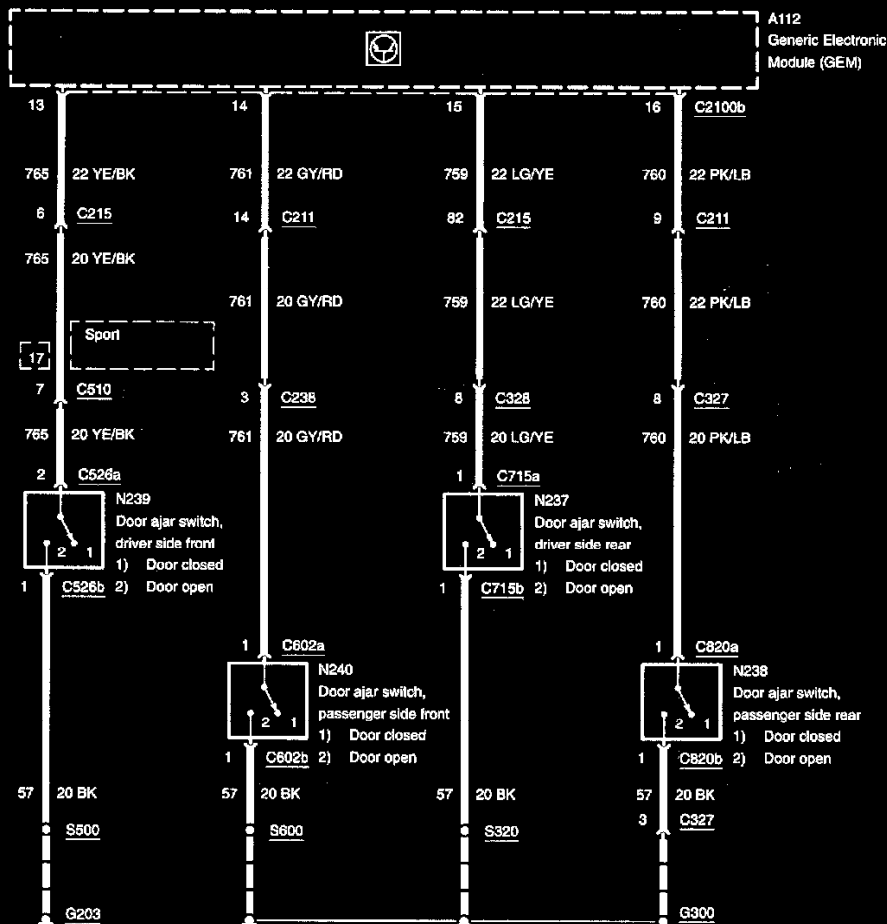


Diagram 413-09-00-8

Late production

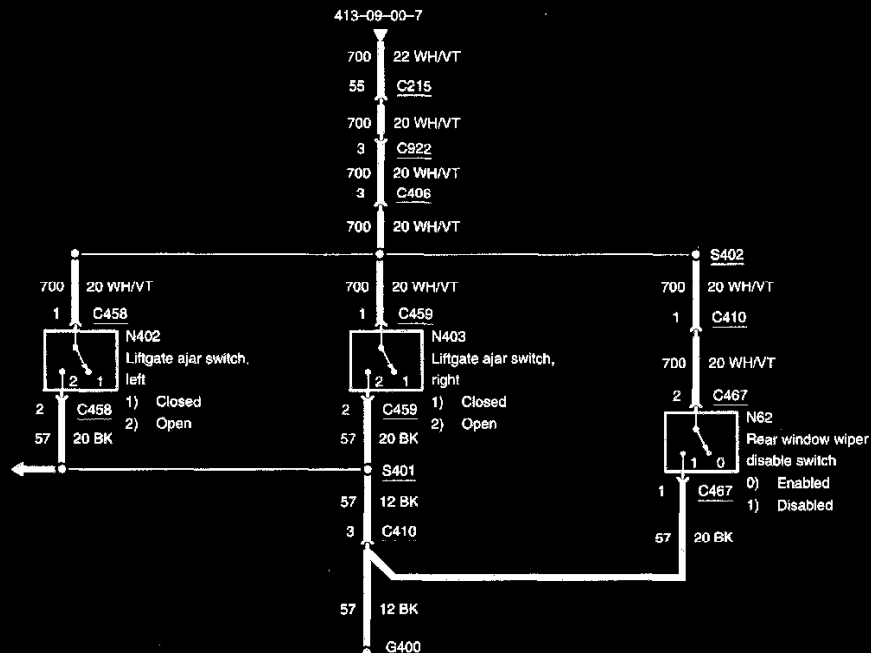


Diagram 413-09-00-9

Late production

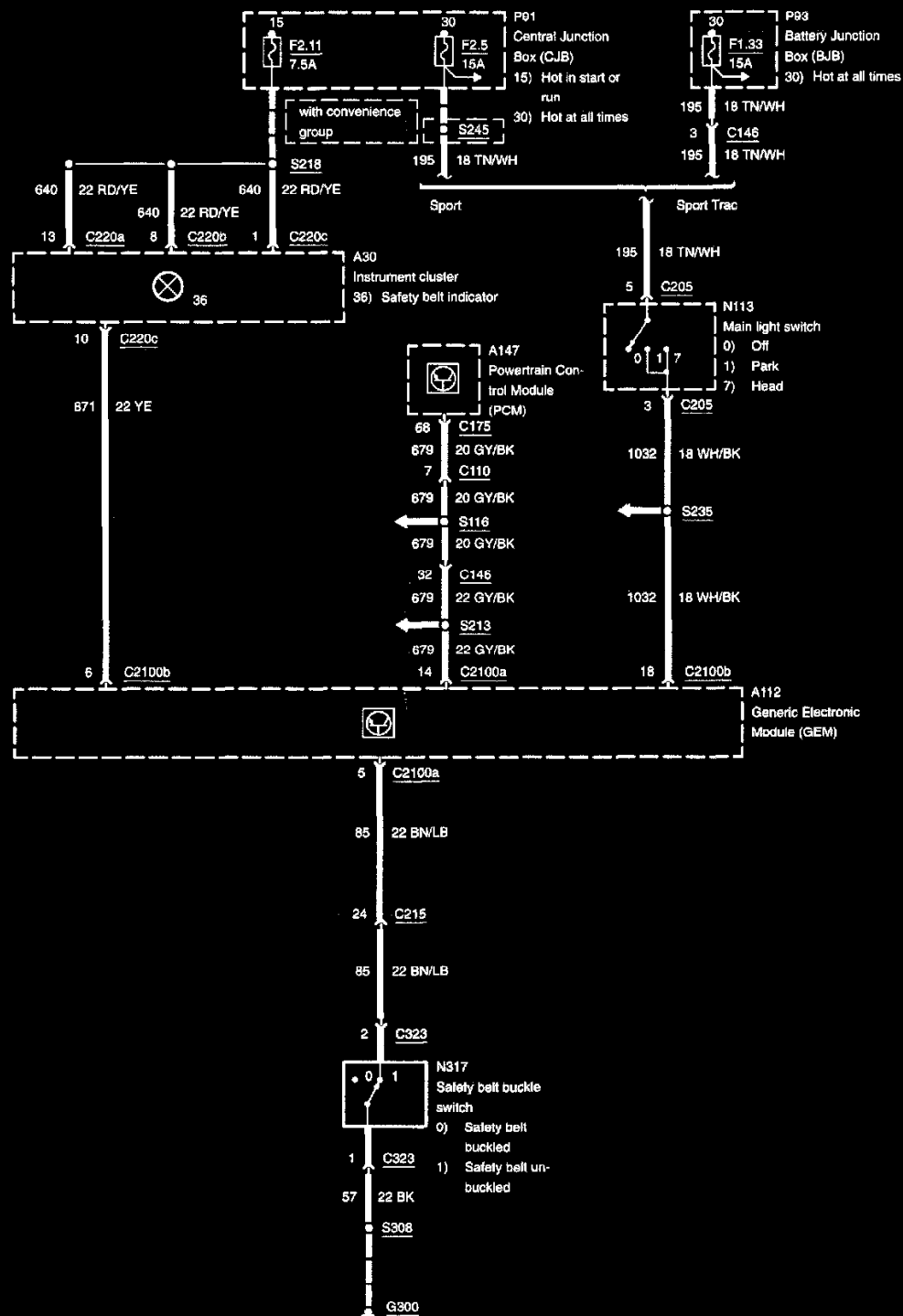


Diagram 413-09-00-10

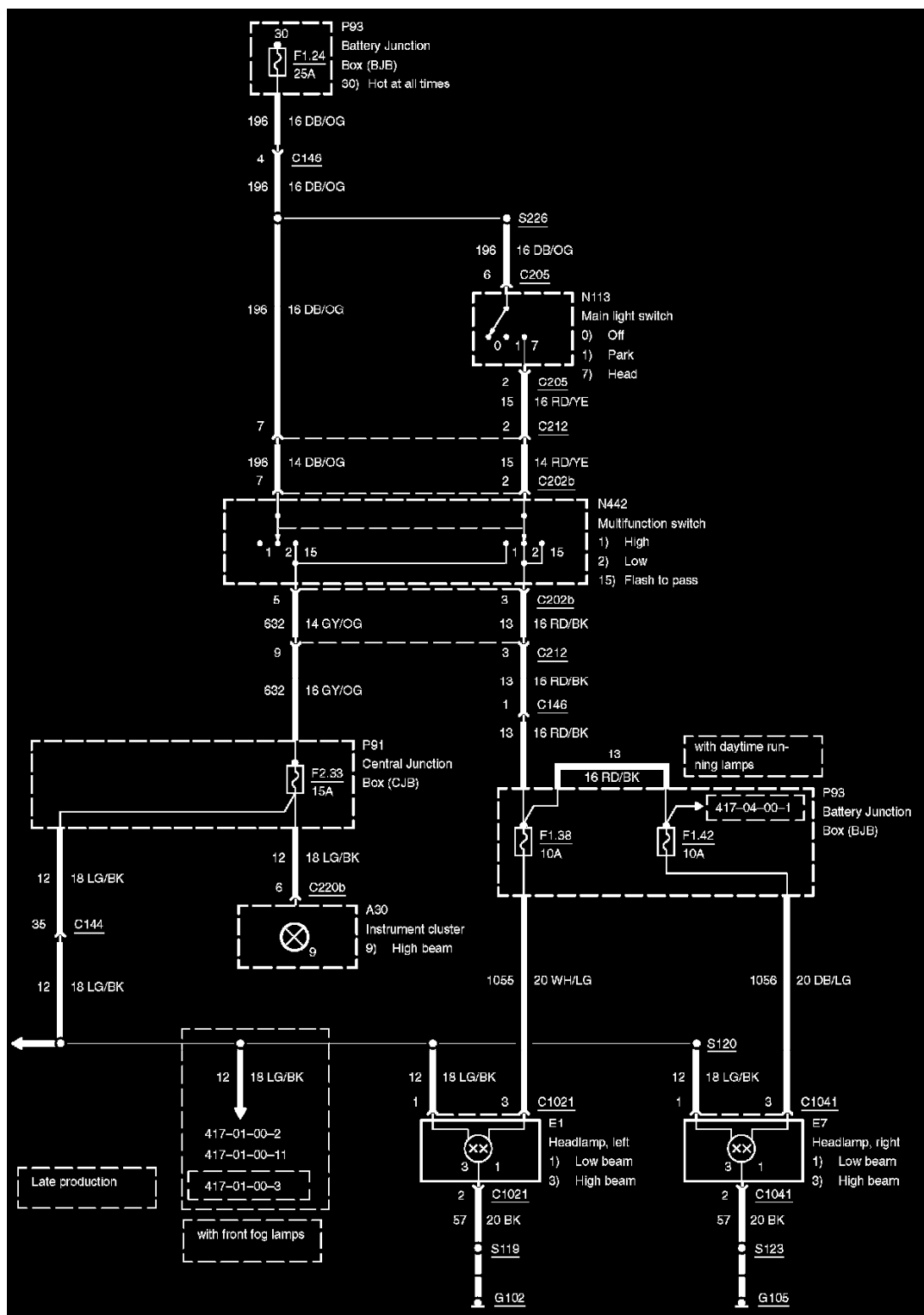
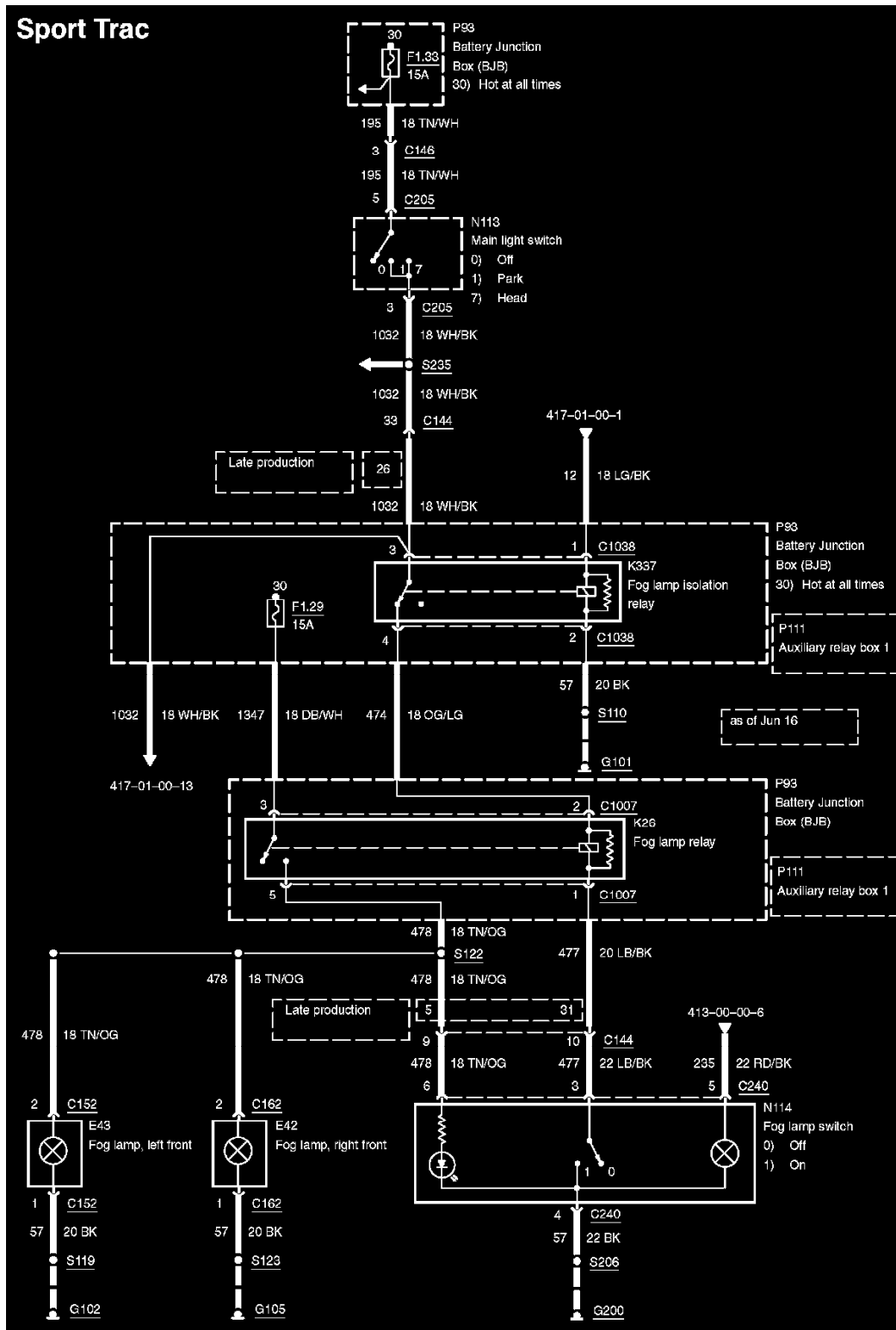


Diagram 417-01-00-1

Sport Trac**Diagram 417-01-00-11**

The diagram illustrates the electrical system for the fog lamps on a 1993 Chevrolet Lumina APV. It shows the power flow from the Battery Junction Box (BJB) through the Main Light Switch (N113) and various control modules (A277 Belt minder module, A112 Generic Electronic Module (GEM)) to the fog lamps. The diagram includes wire numbers (e.g., 1032, 18 WH/BK) and component labels (e.g., P83, N113, A277, K337). The diagram is divided into sections for 'without fog lamps' and 'with fog lamps', indicating the wiring changes required for different vehicle configurations.

Diagram 417-01-00-12

Sport Trac, With convenience group

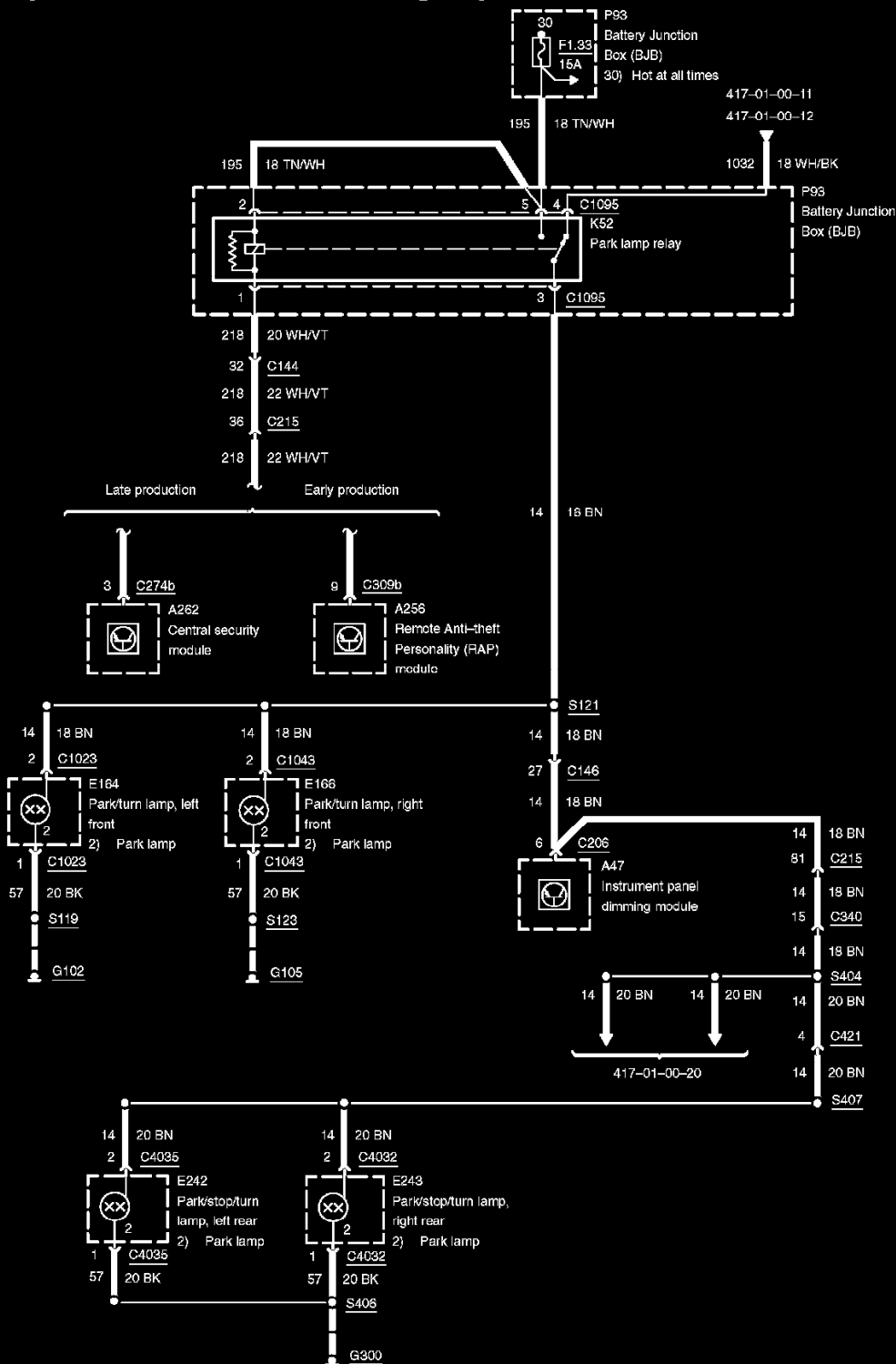


Diagram 417-01-00-13

Sport Trac, Lower option content

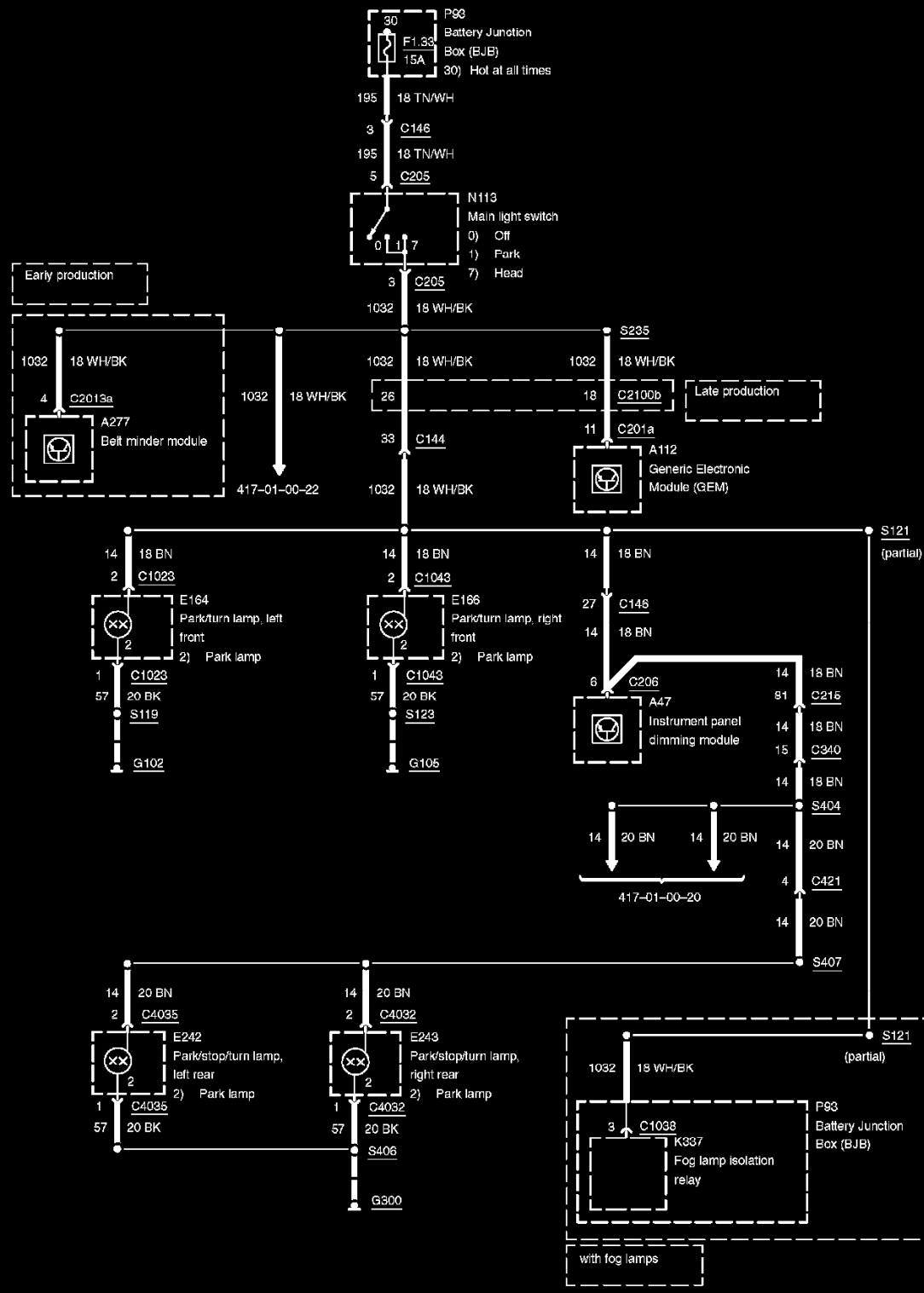
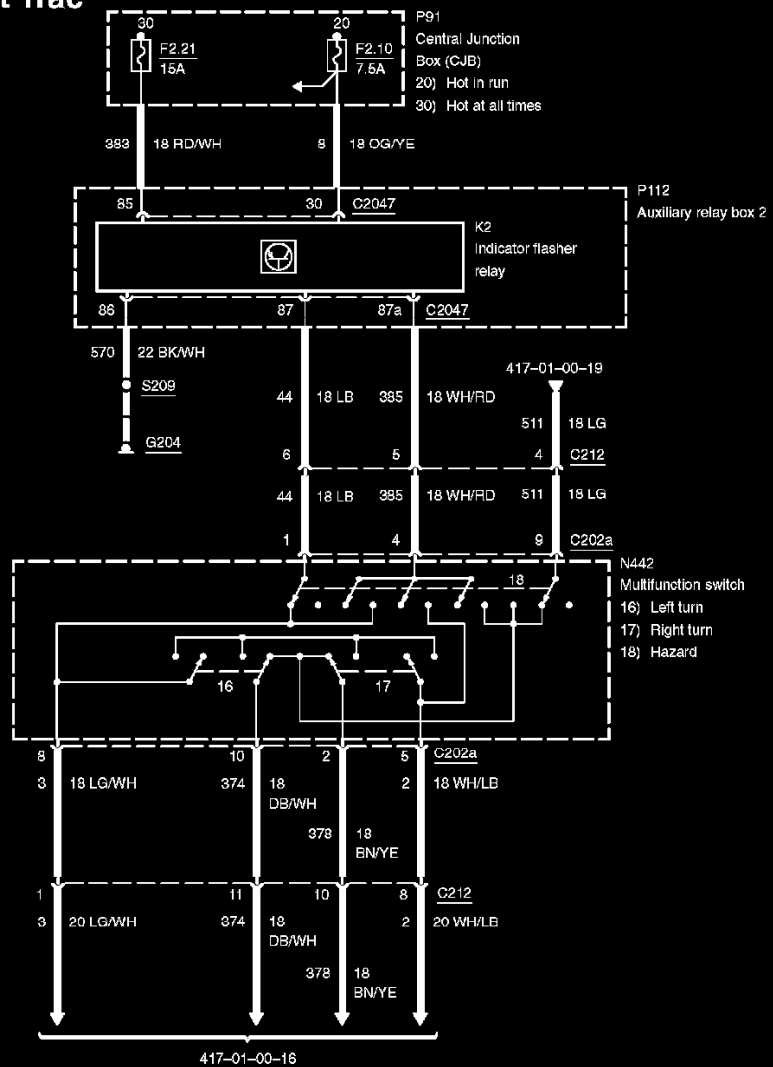
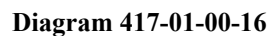


Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**



Sport Trac, Early production

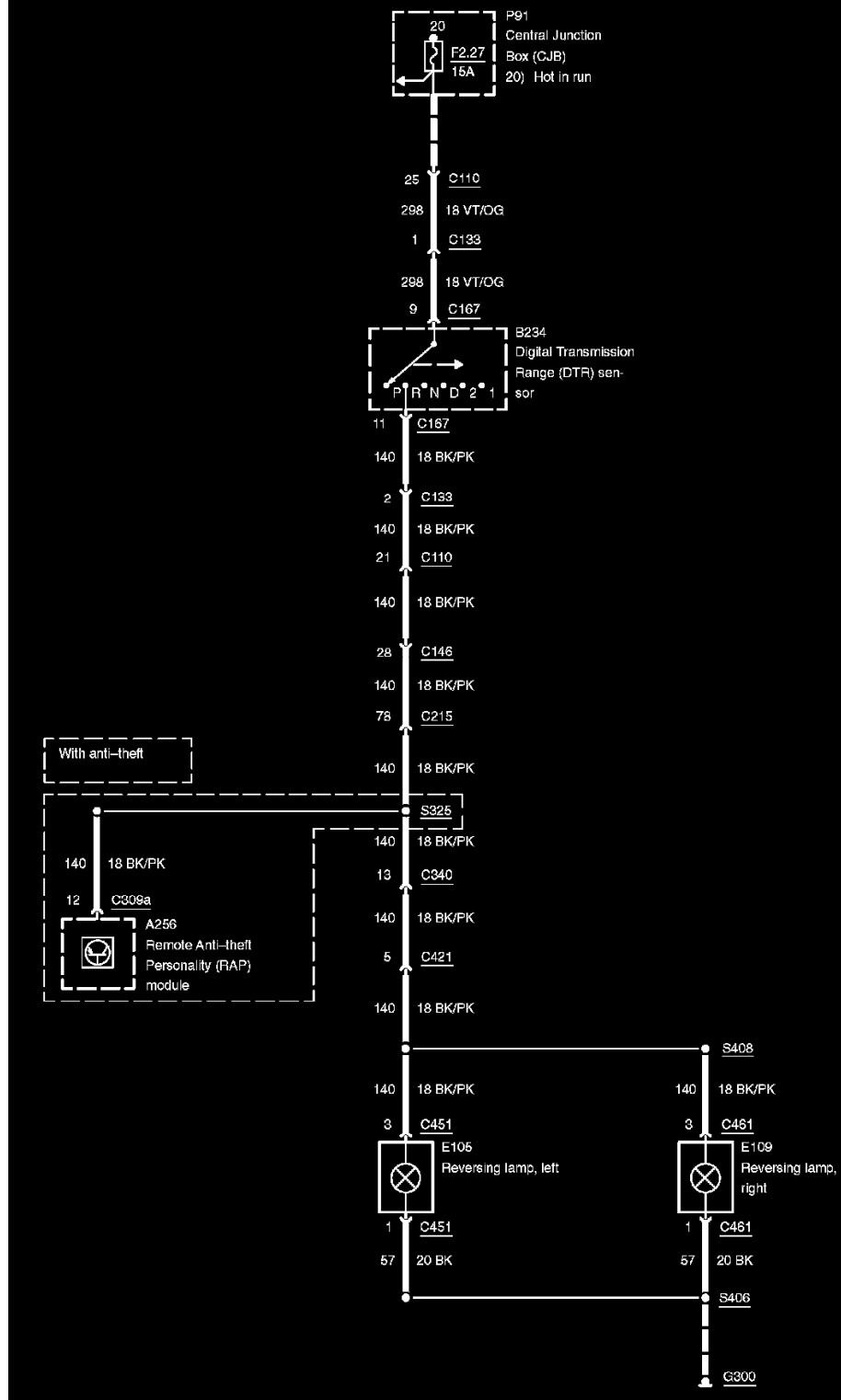
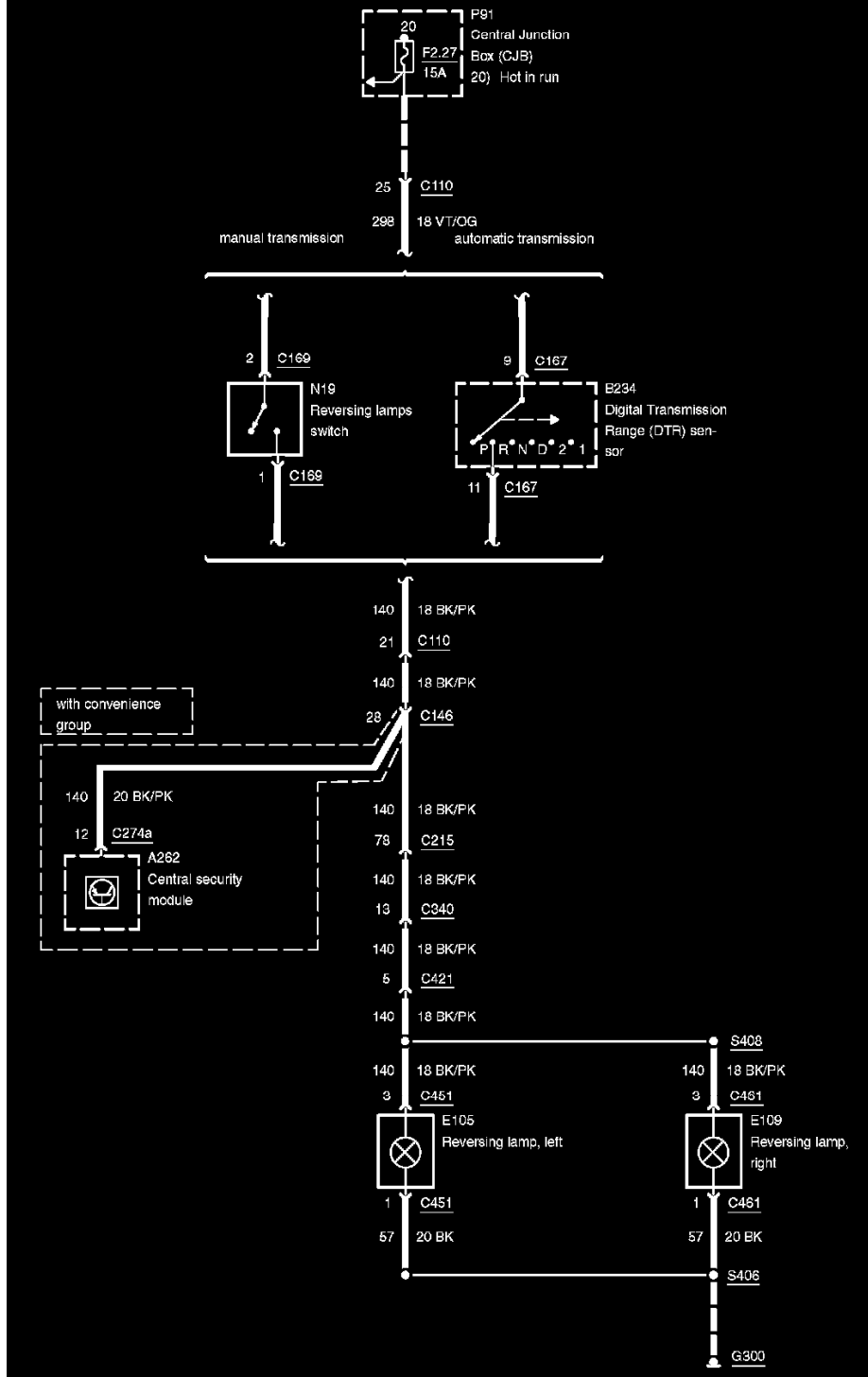


Diagram 417-01-00-17

Sport Trac, Late production**Diagram 417-01-00-18**

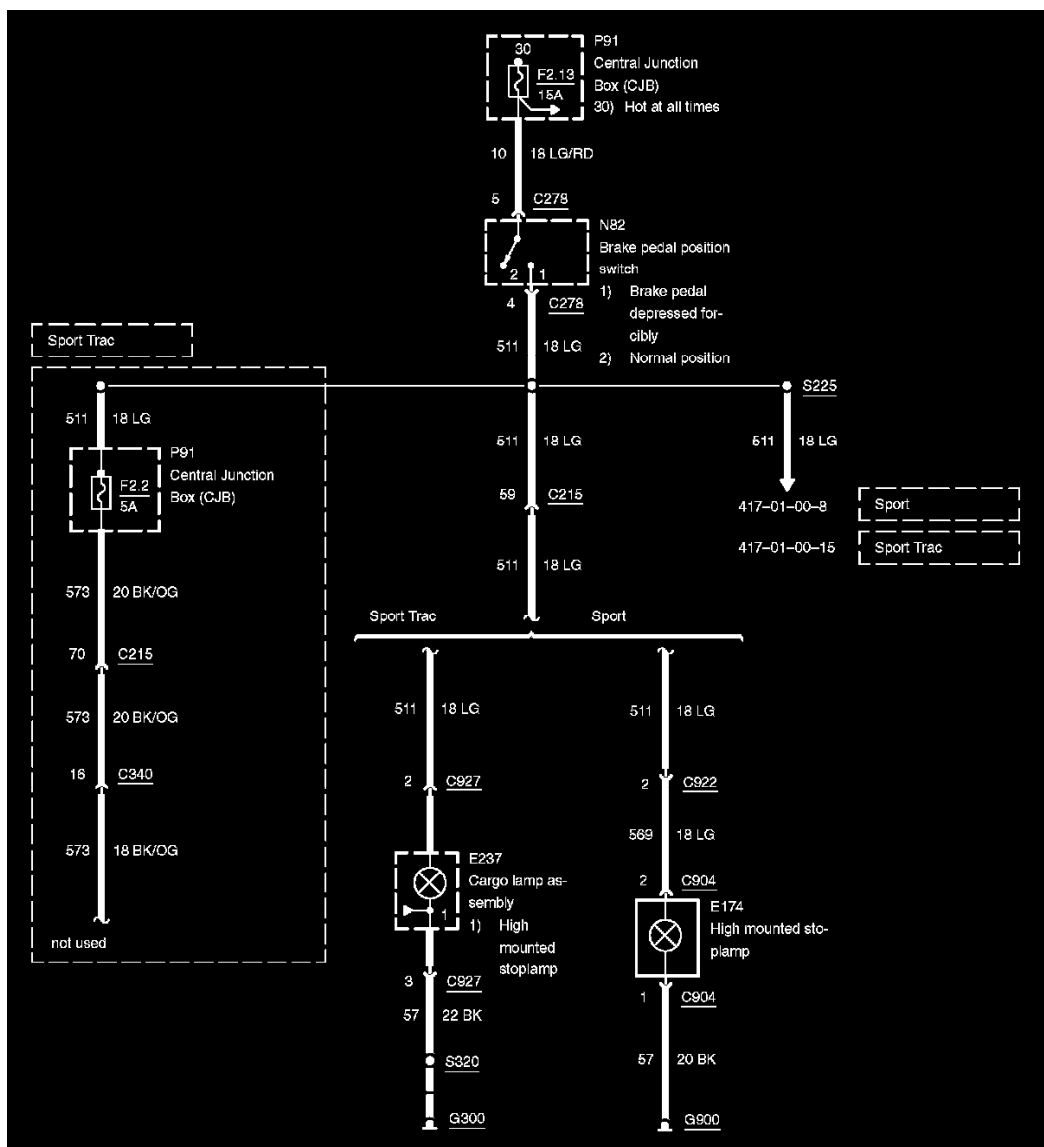


Diagram 417-01-00-19

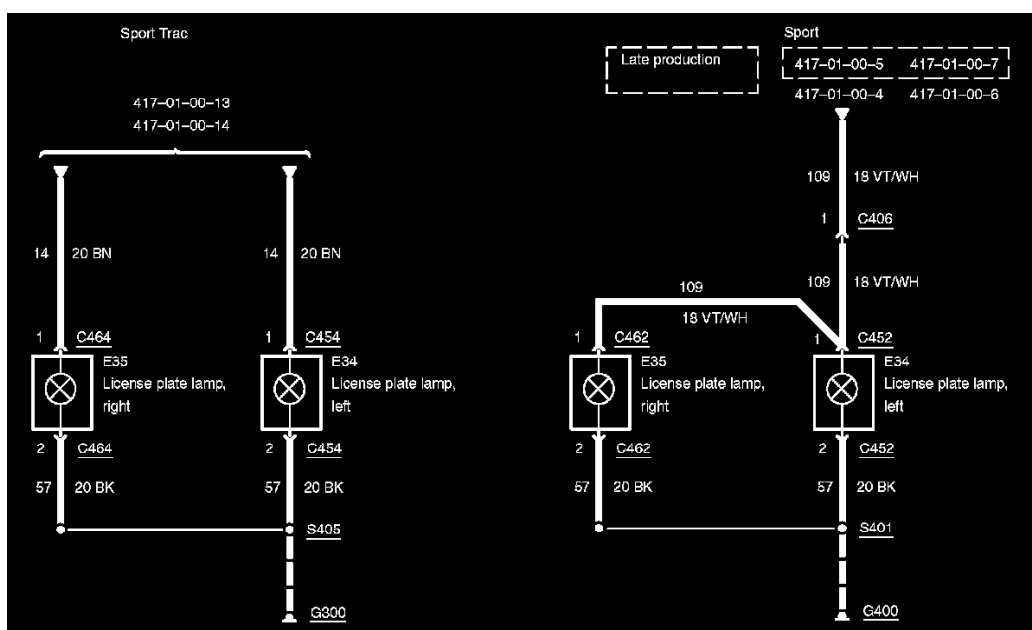
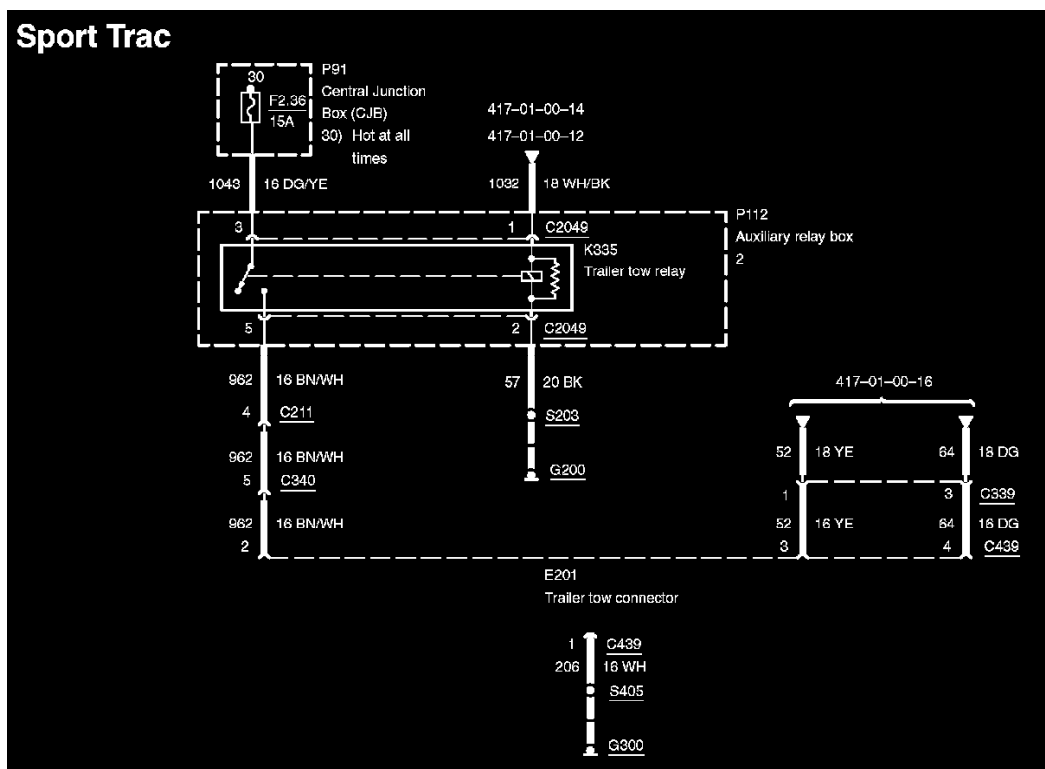


Diagram 417-01-00-20



RELATED DIAGRAMS

Sport

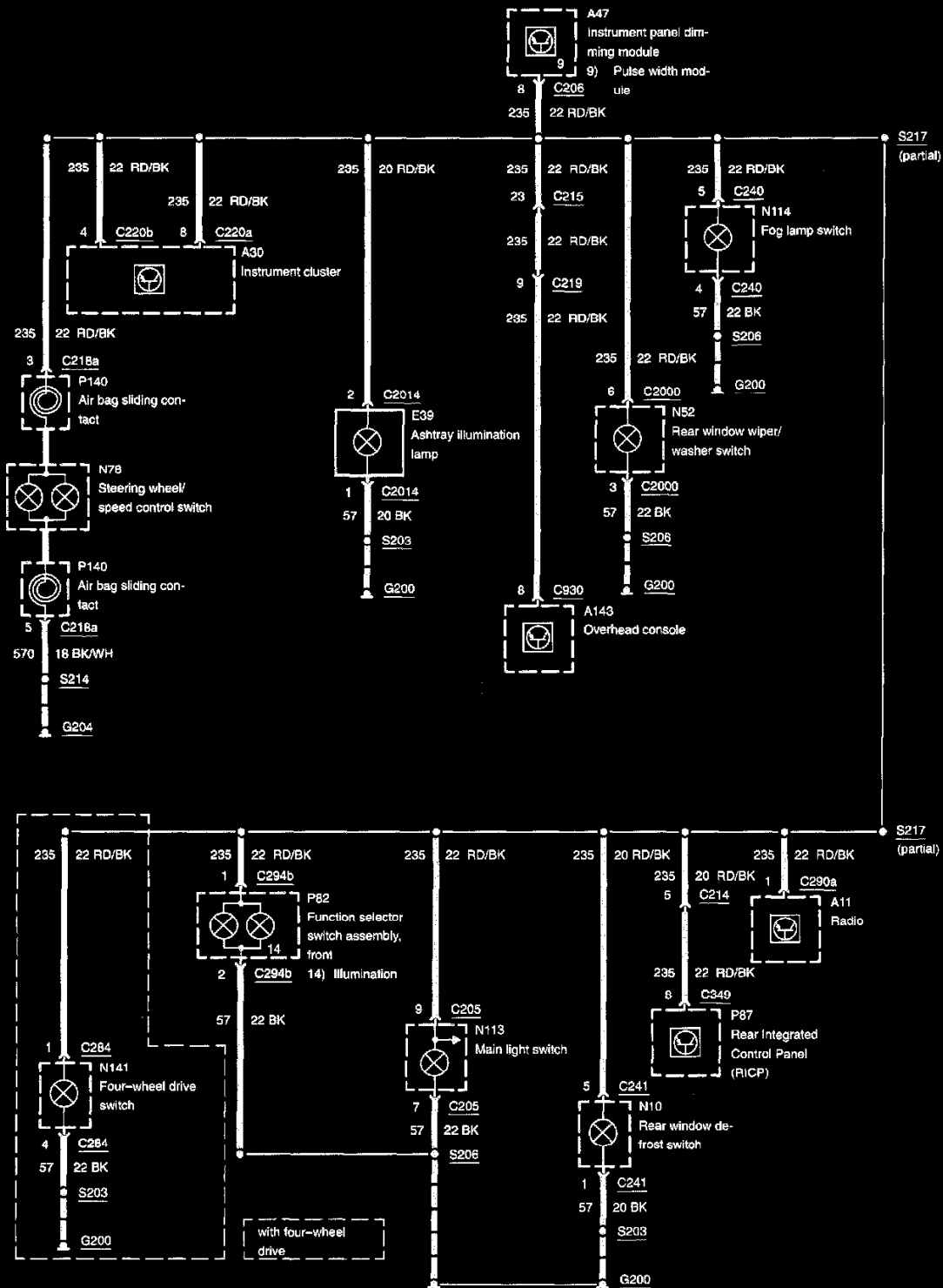
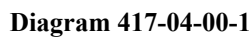


Diagram 413-00-00-3



Map Light

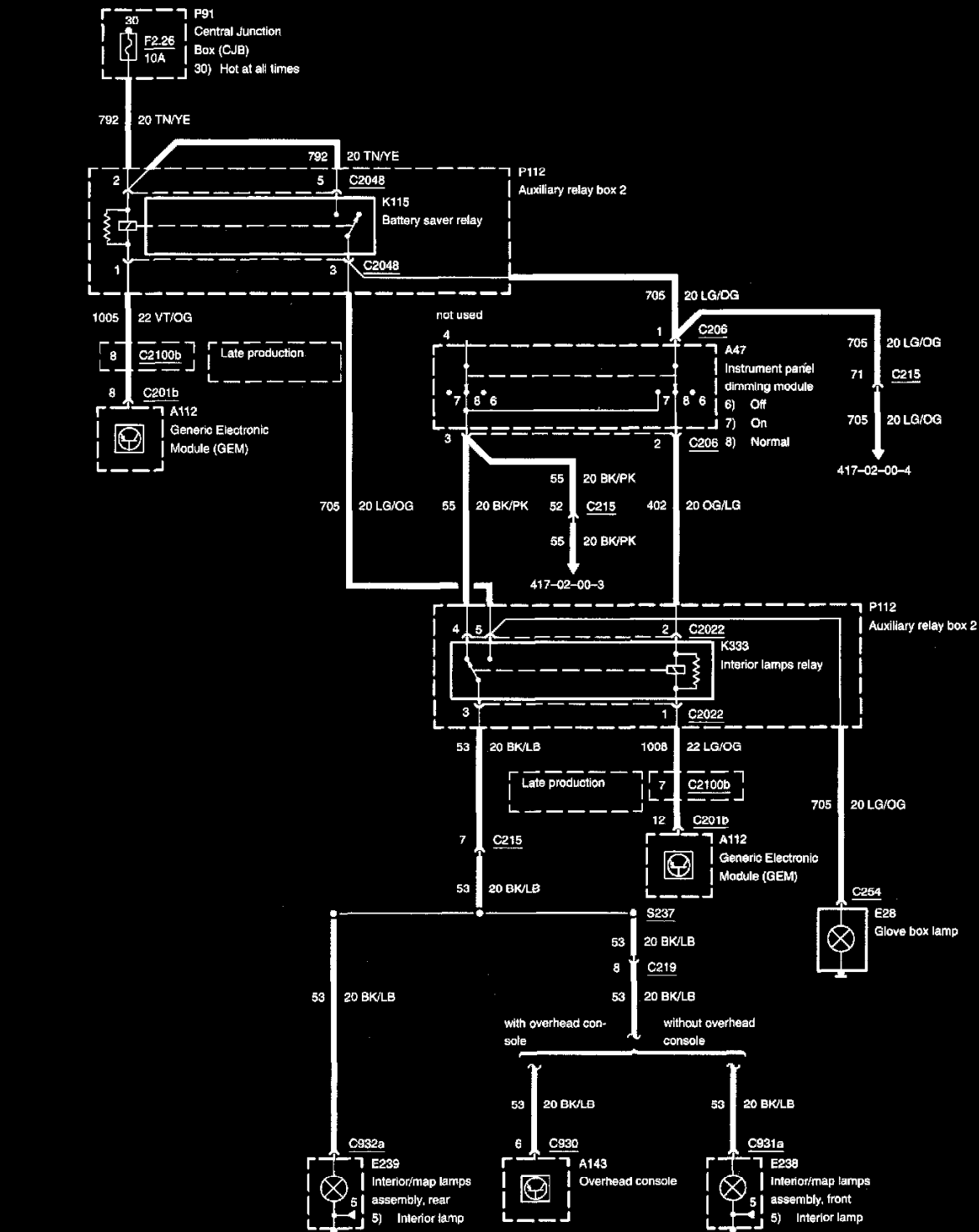


Diagram 417-02-00-2

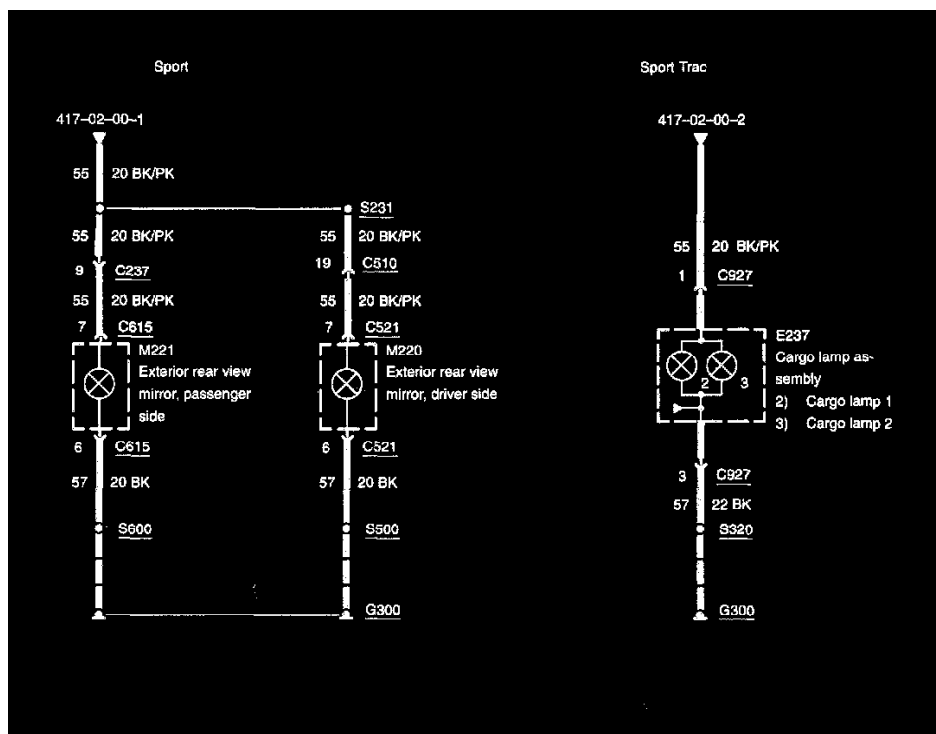


Diagram 417-02-00-3

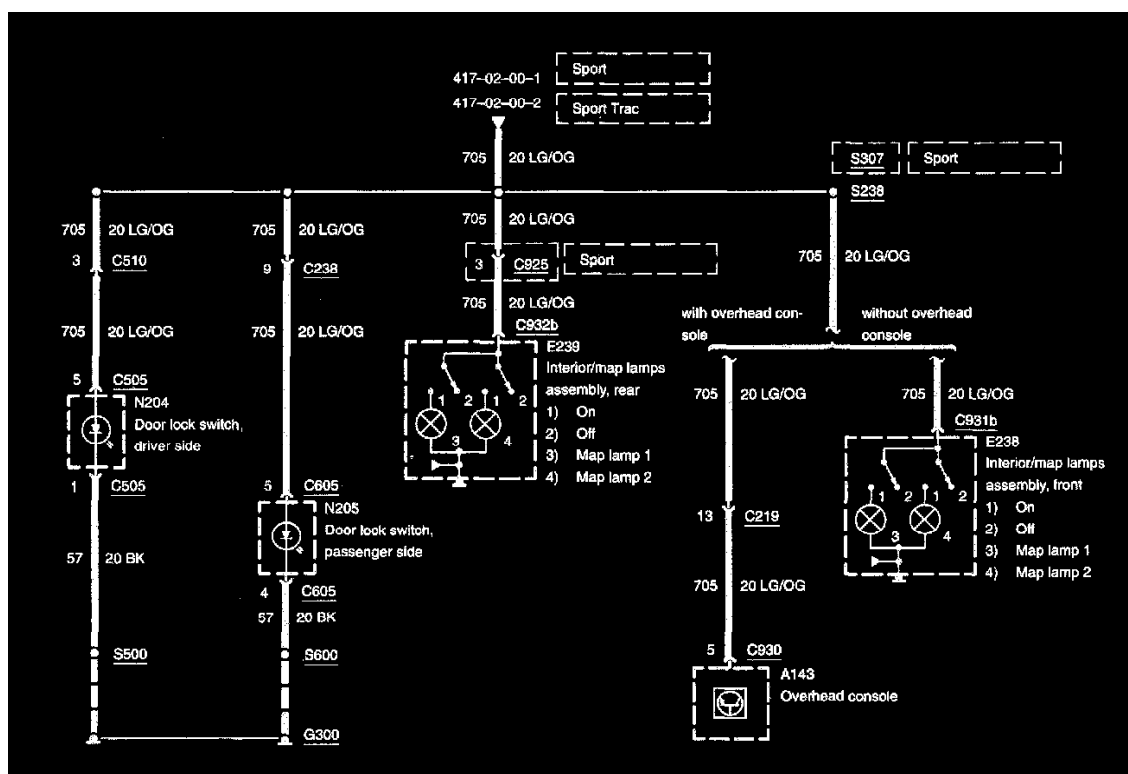


Diagram 417-02-00-4

Parking Lamp

DETAILED DIAGRAMS

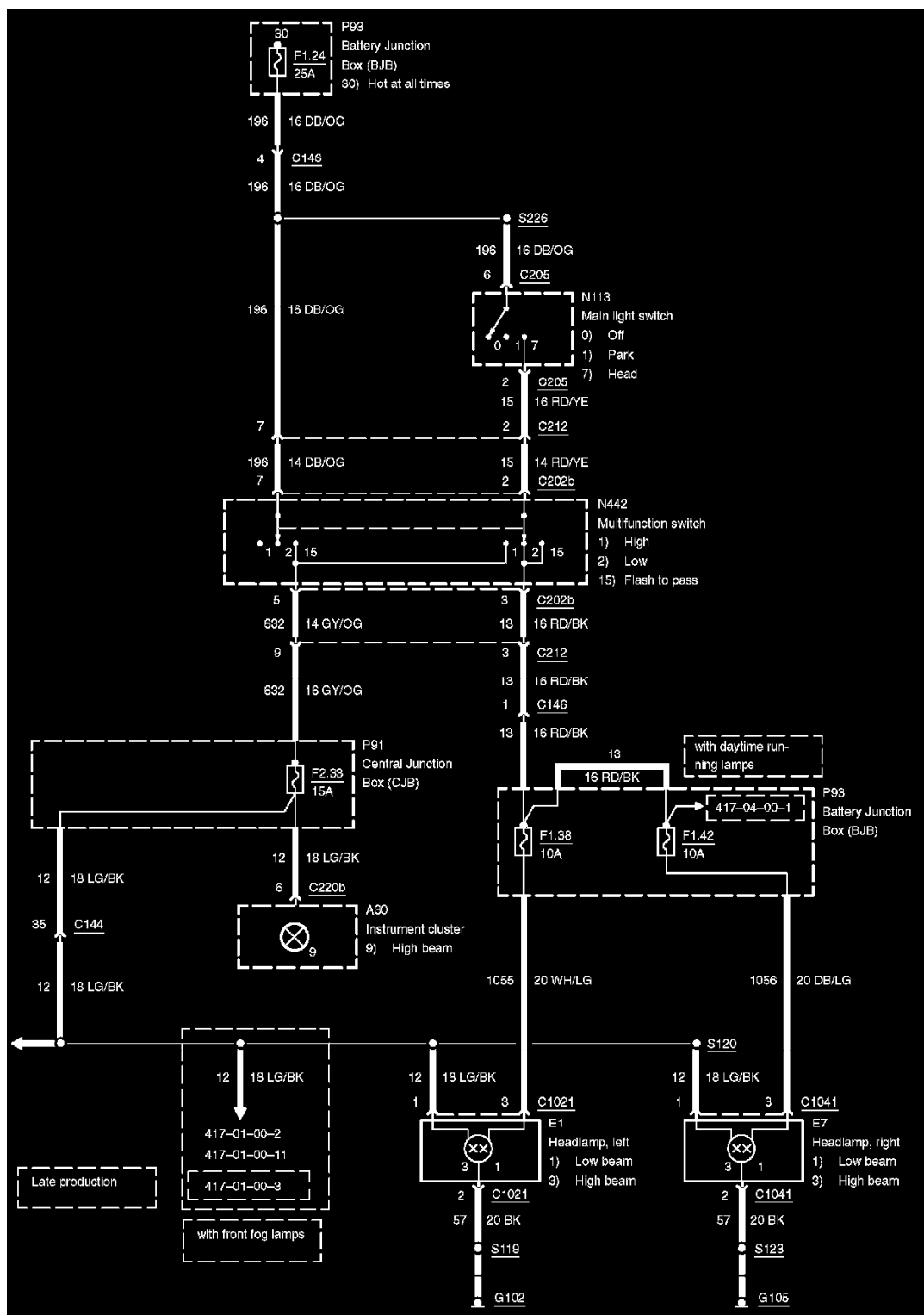
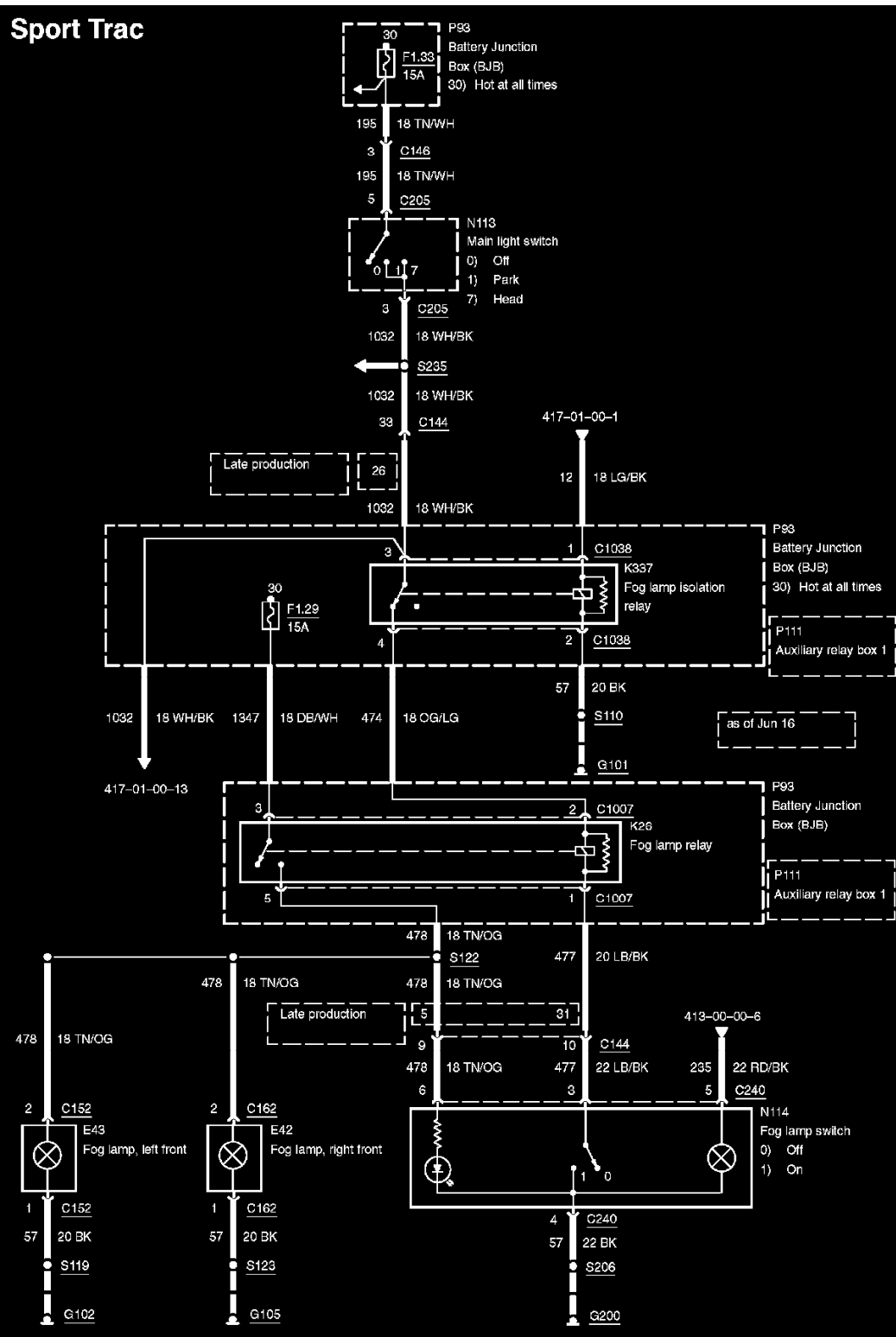
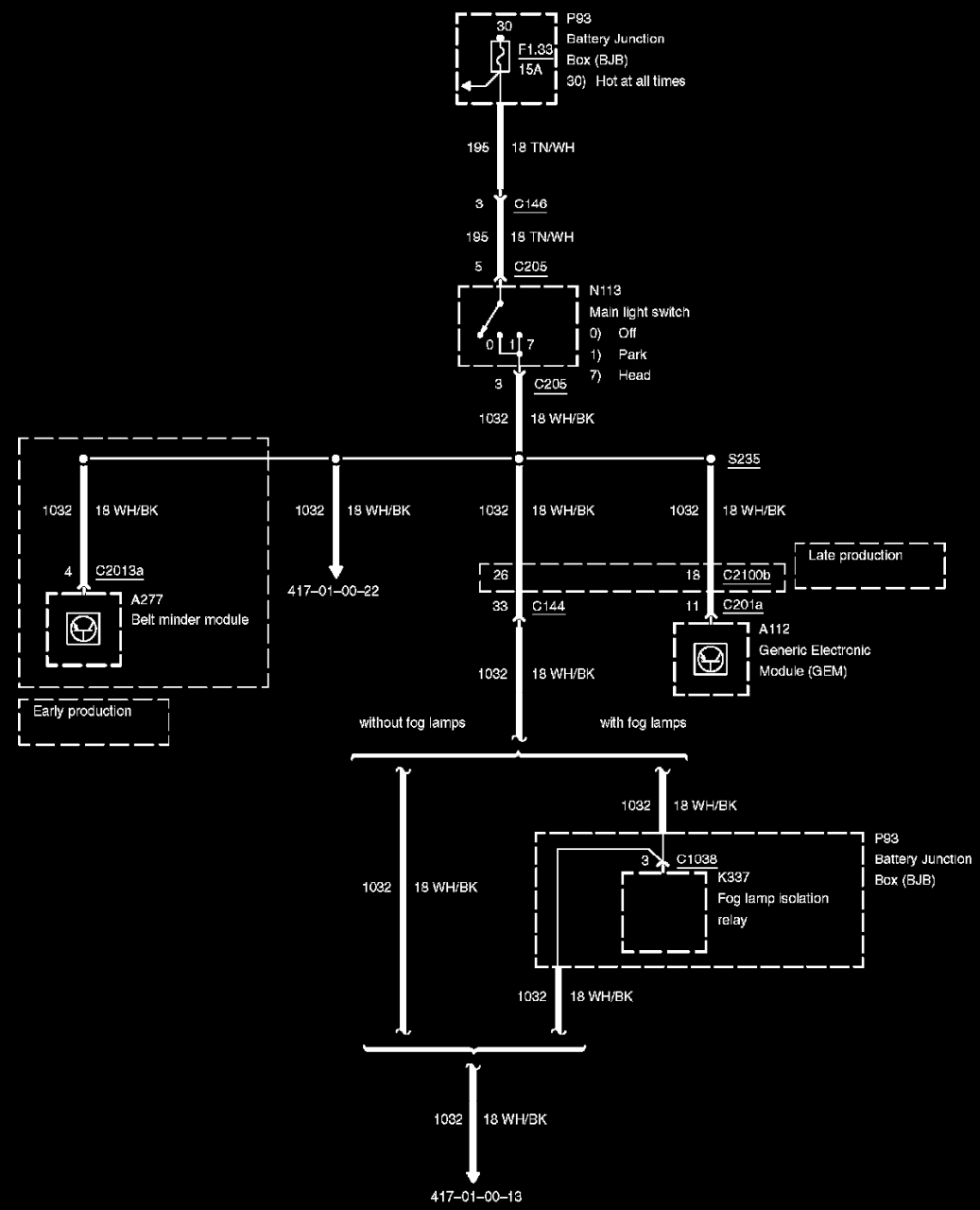


Diagram 417-01-00-1

Sport Trac**Diagram 417-01-00-11**

Sport Trac, With convenience group**Diagram 417-01-00-12**

Sport Trac, With convenience group

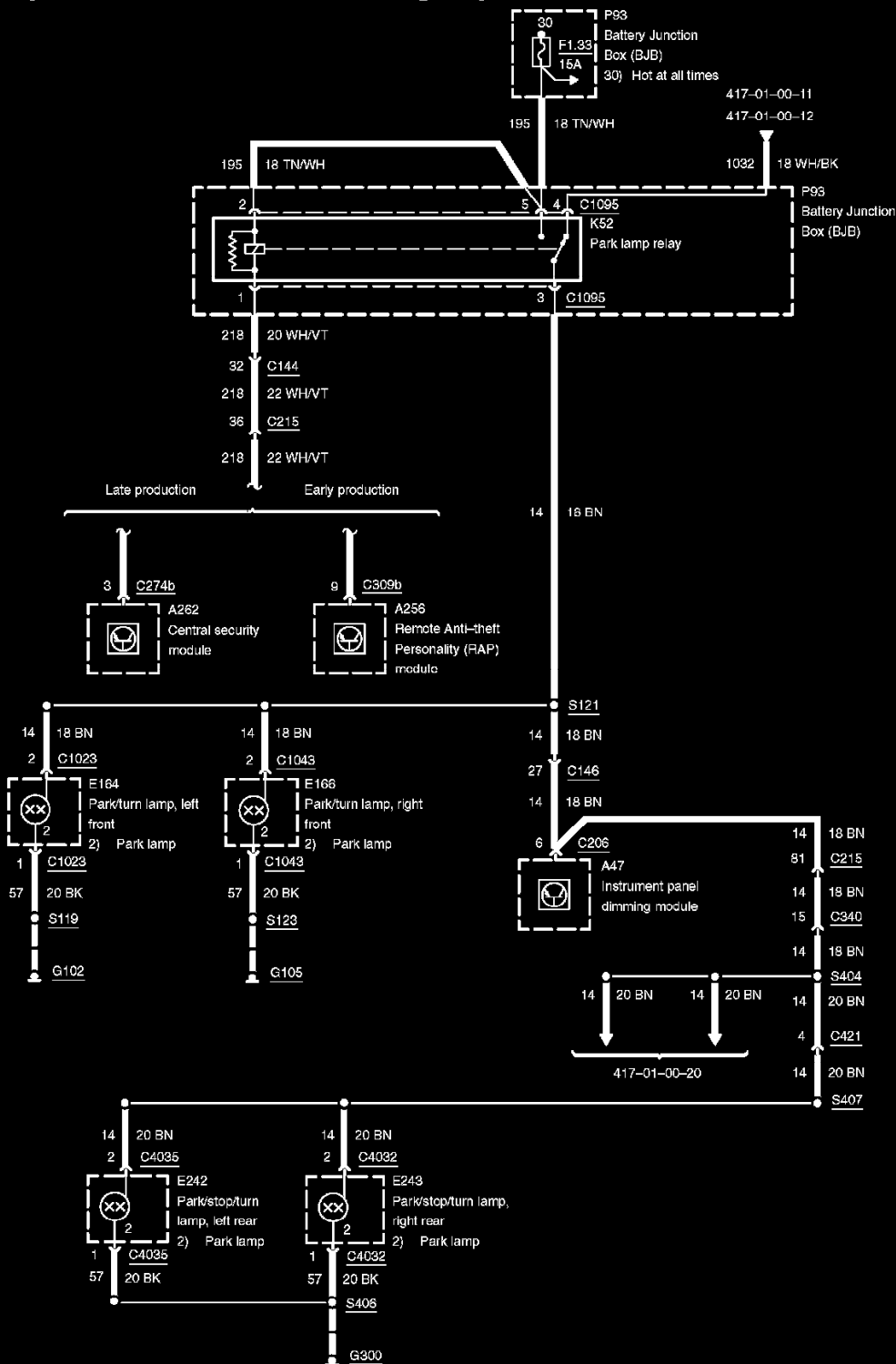


Diagram 417-01-00-13

Sport Trac, Lower option content

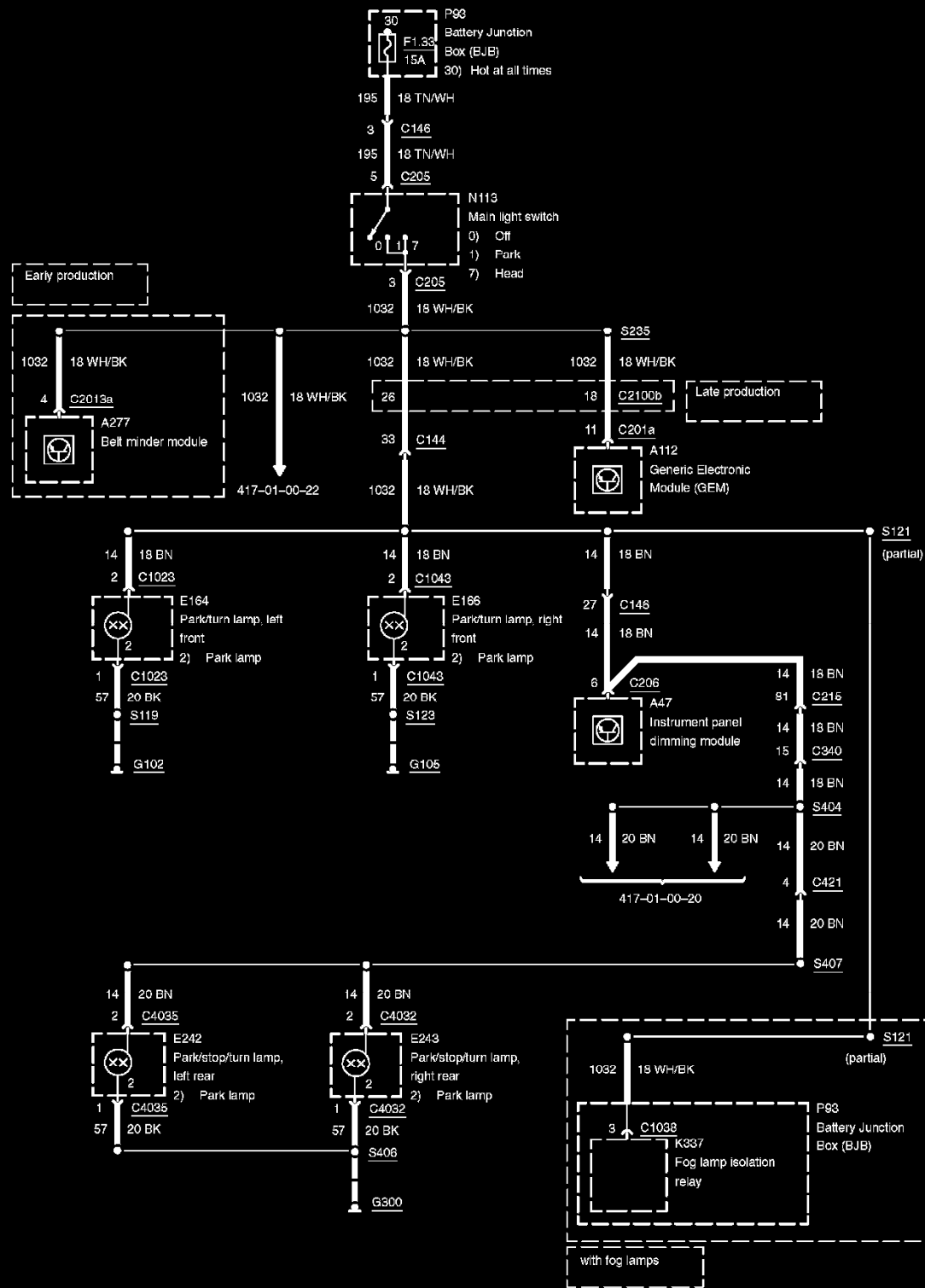
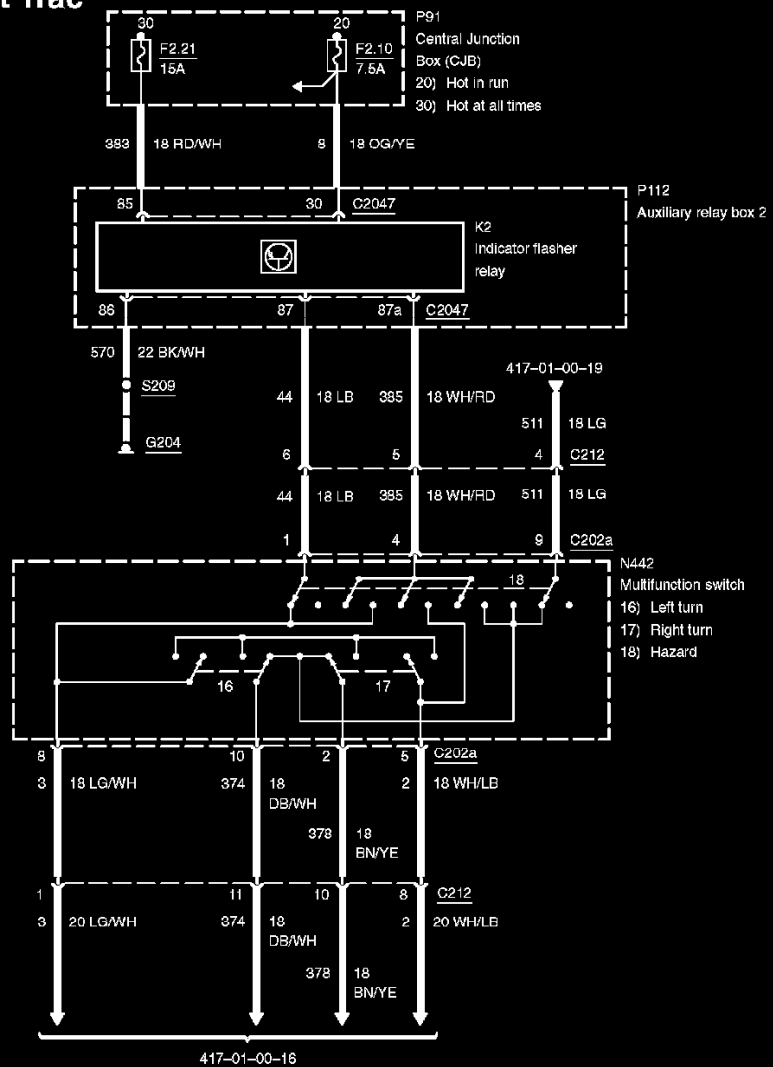
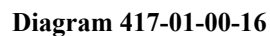
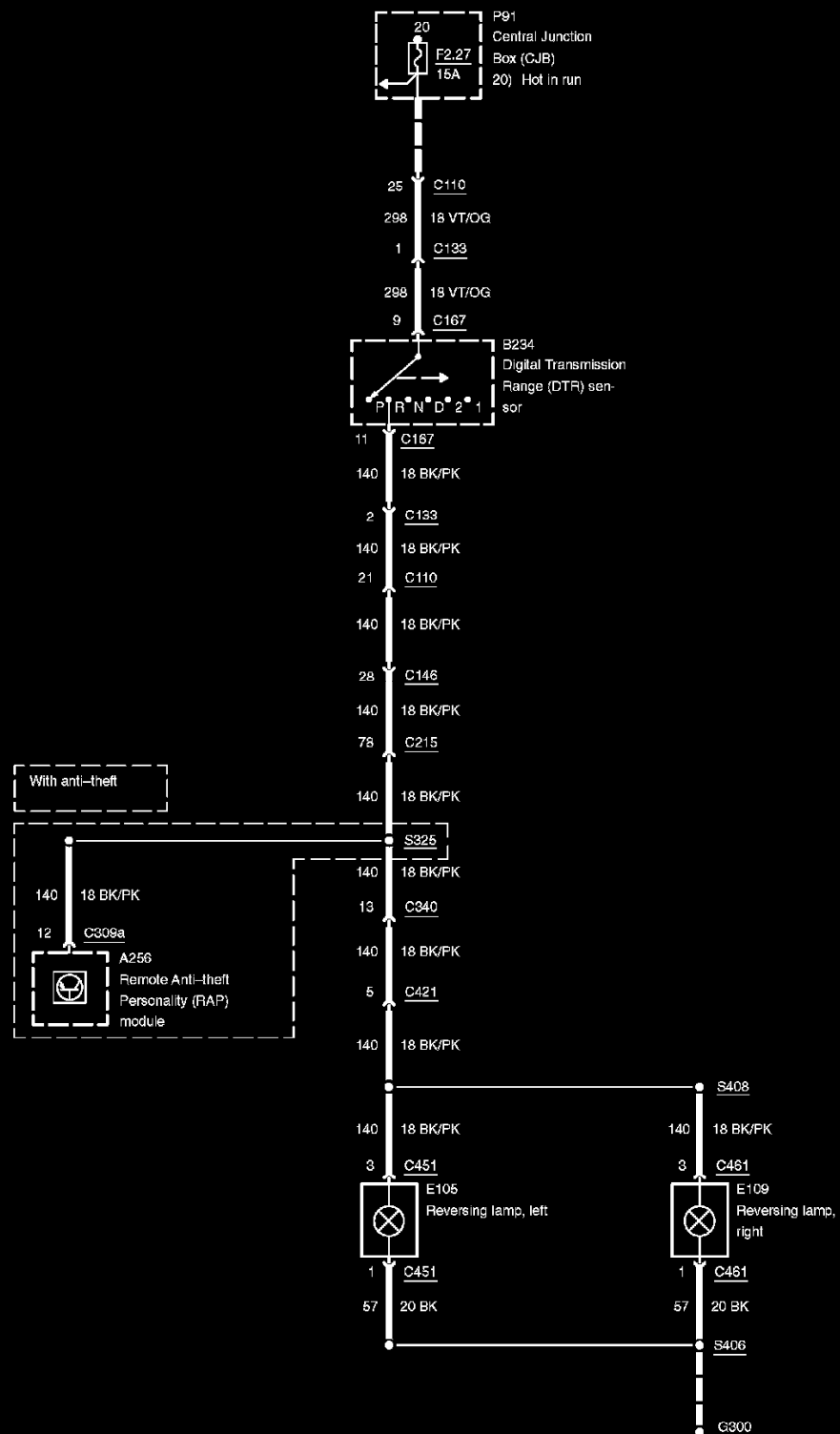
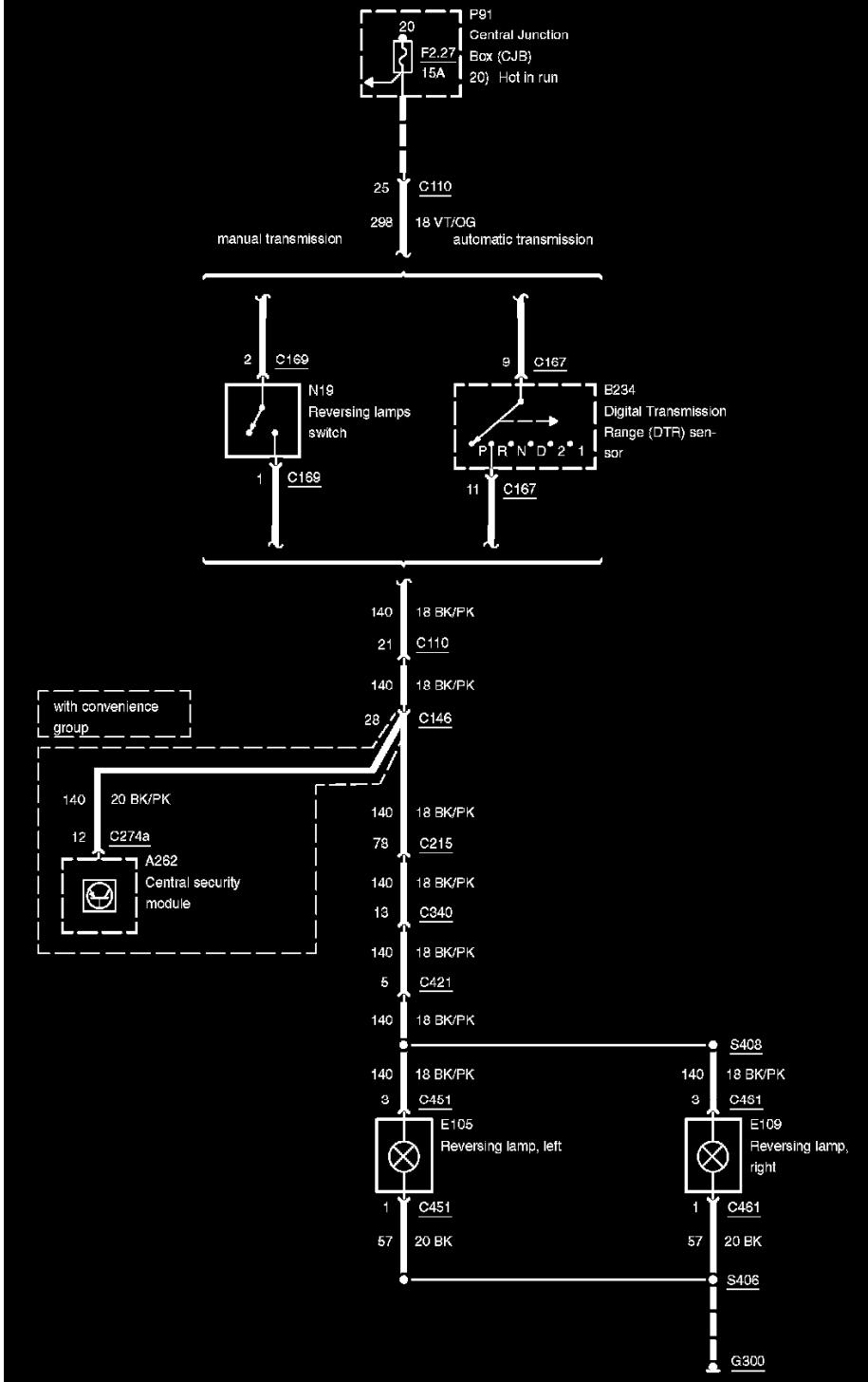


Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**



Sport Trac, Early production**Diagram 417-01-00-17**

Sport Trac, Late production**Diagram 417-01-00-18**

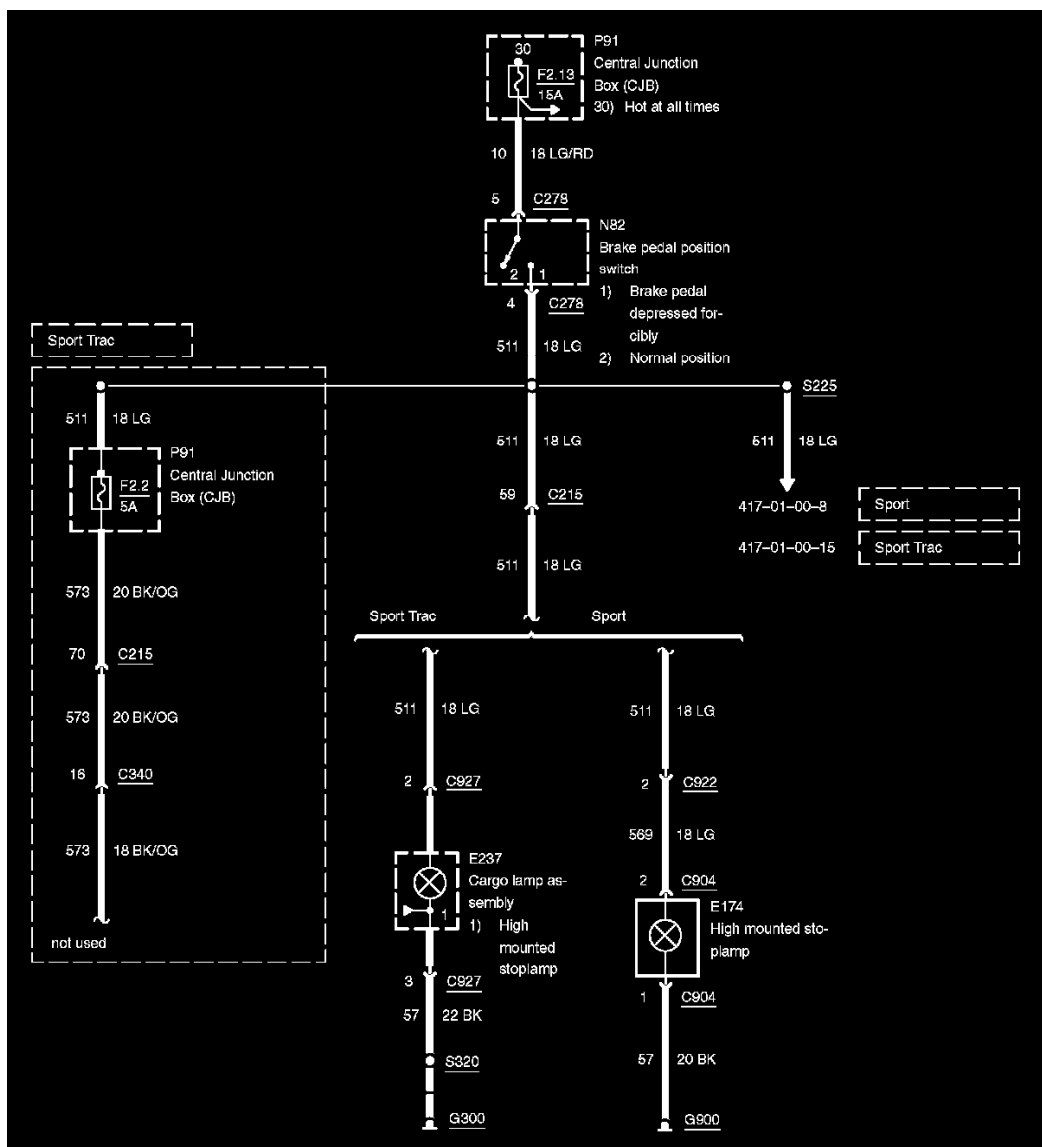


Diagram 417-01-00-19

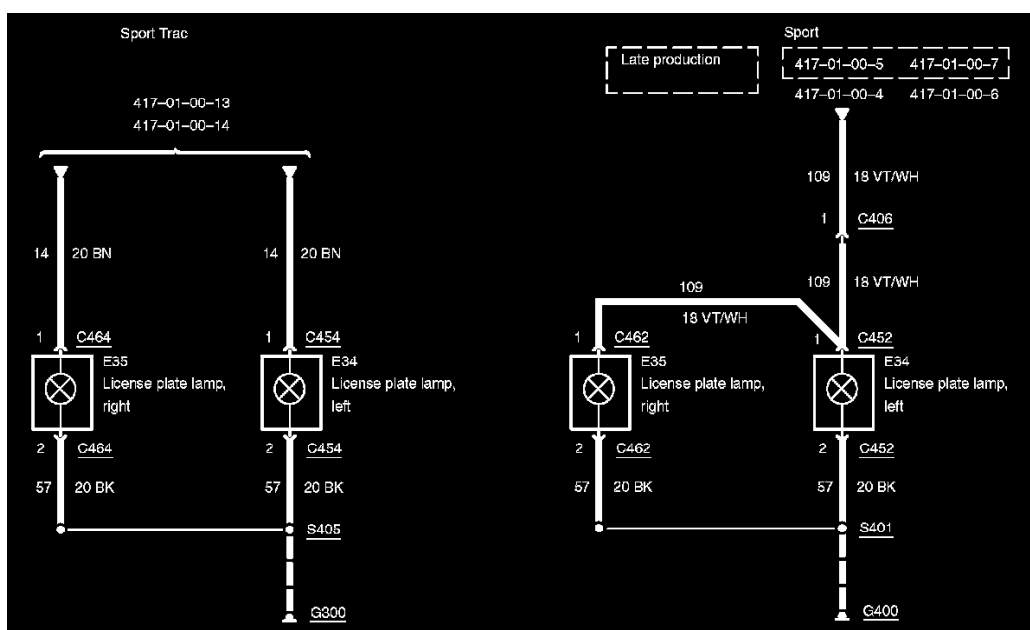
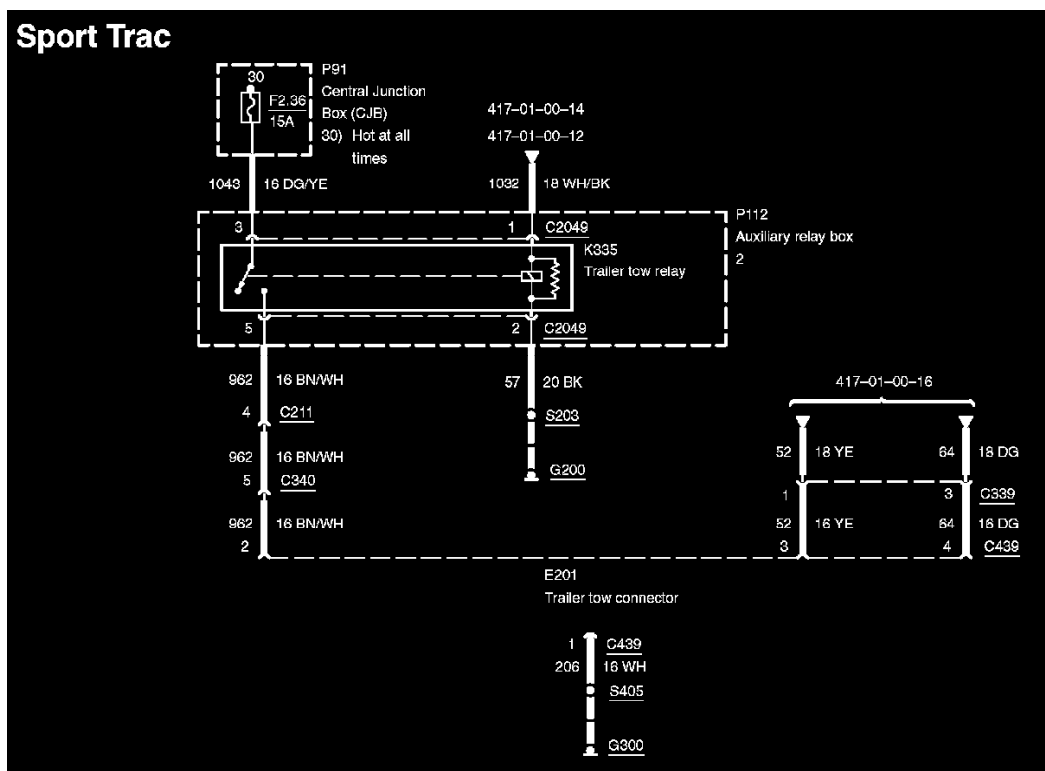
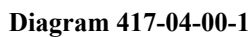


Diagram 417-01-00-20



RELATED DIAGRAMS

Diagram 413-00-00-3



DETAILED DIAGRAMS

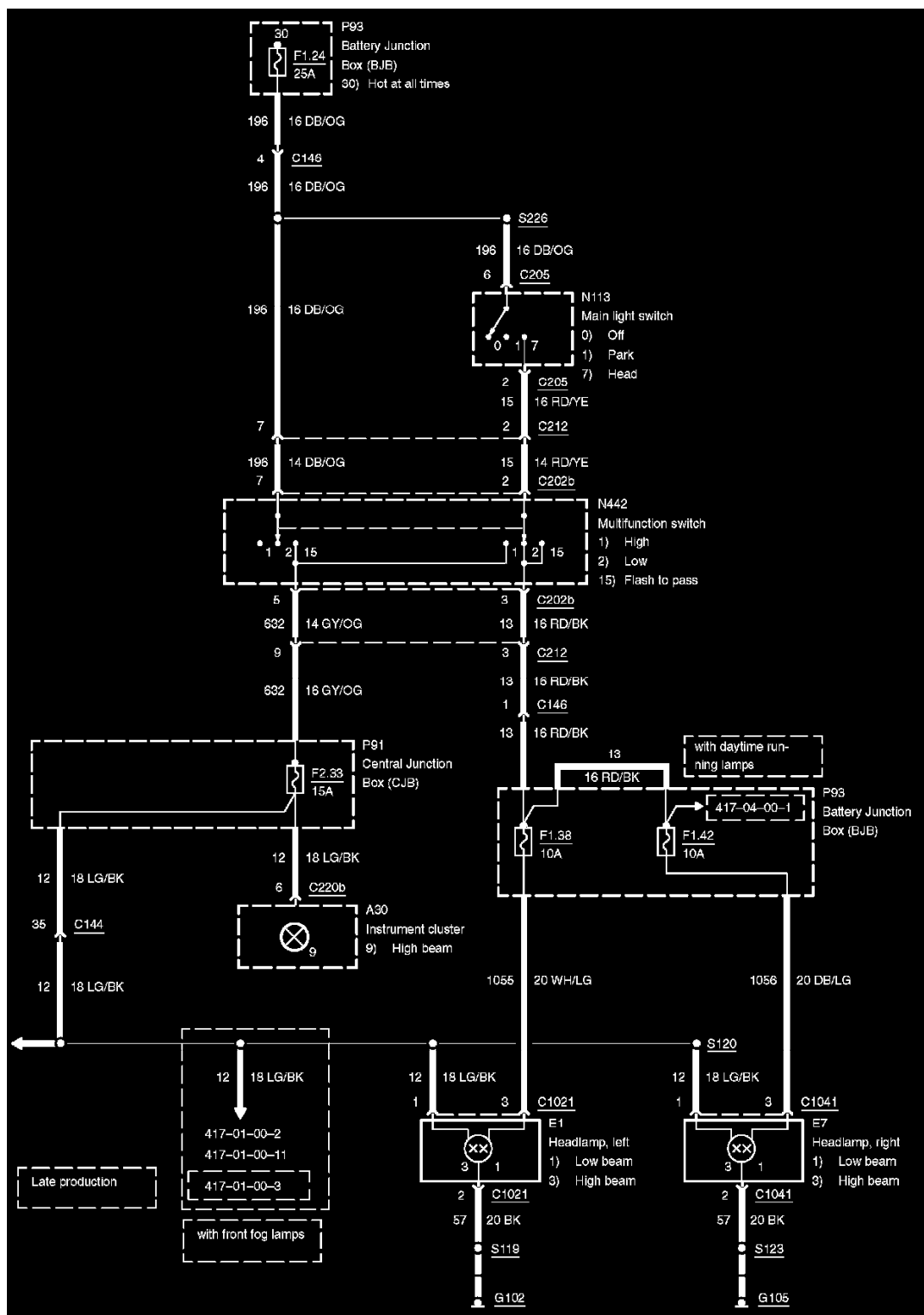
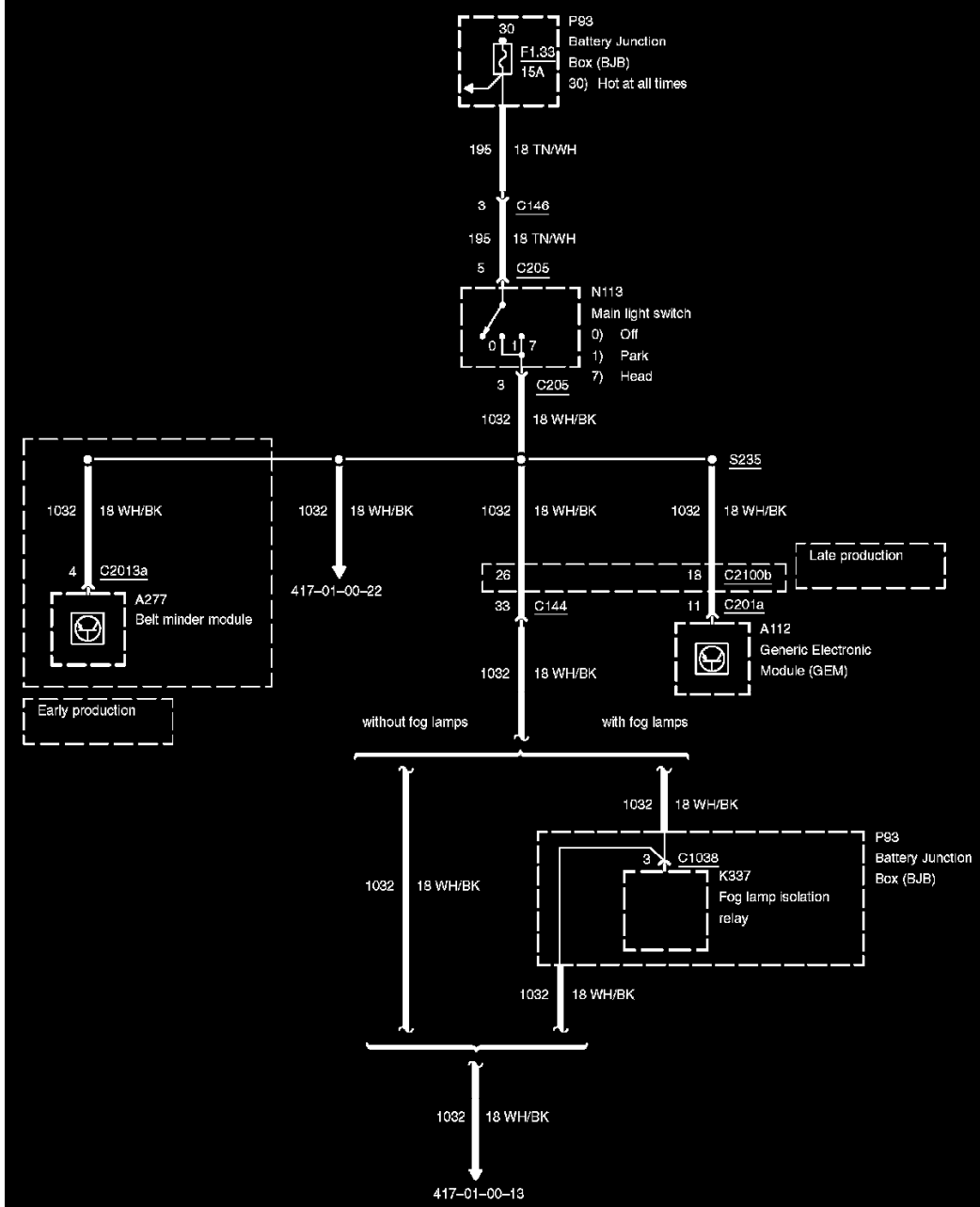


Diagram 417-01-00-1

[illegible]

Diagram 417-01-00-11

Sport Trac, With convenience group**Diagram 417-01-00-12**

Sport Trac, With convenience group

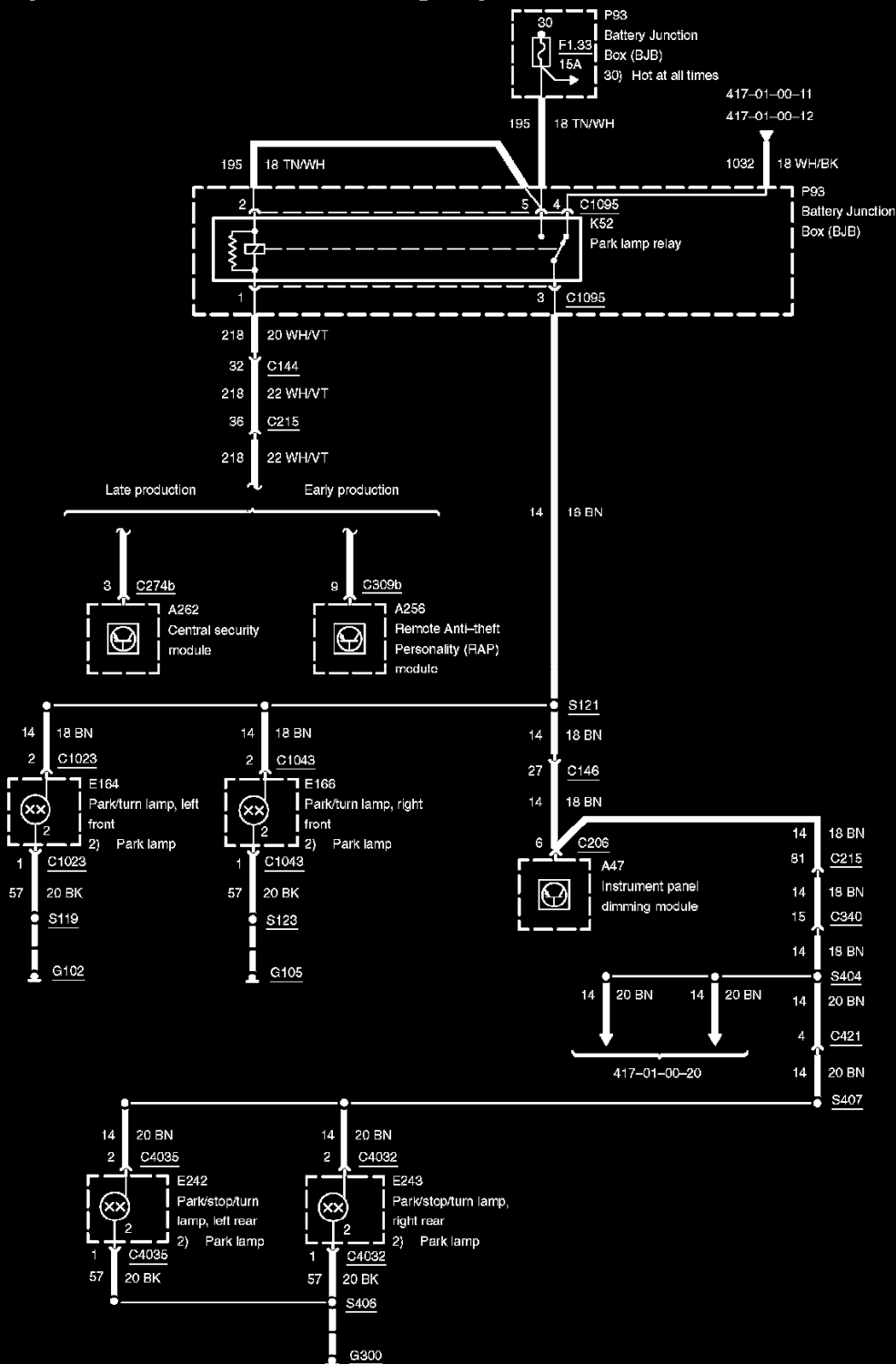


Diagram 417-01-00-13

Sport Trac, Lower option content

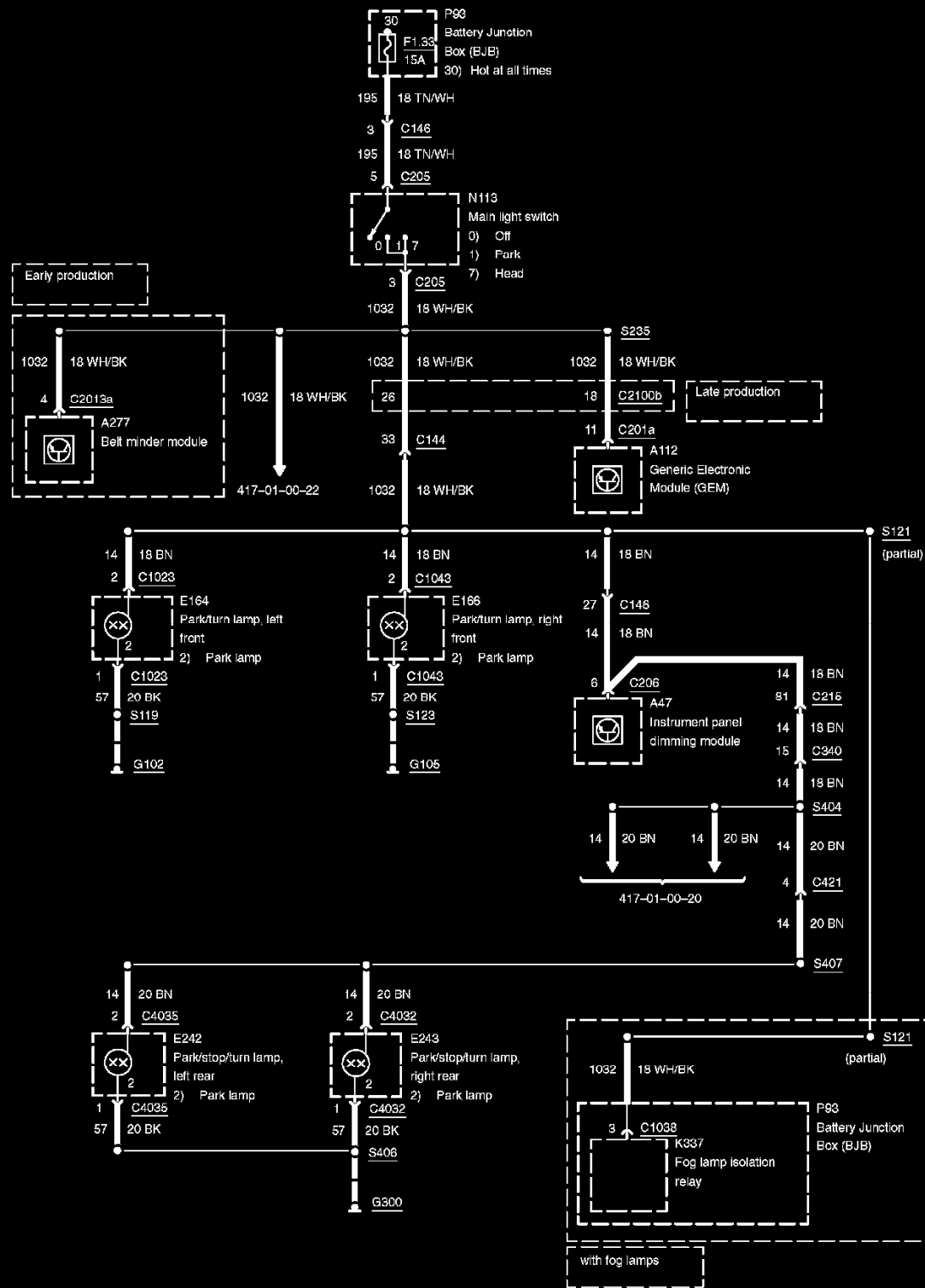
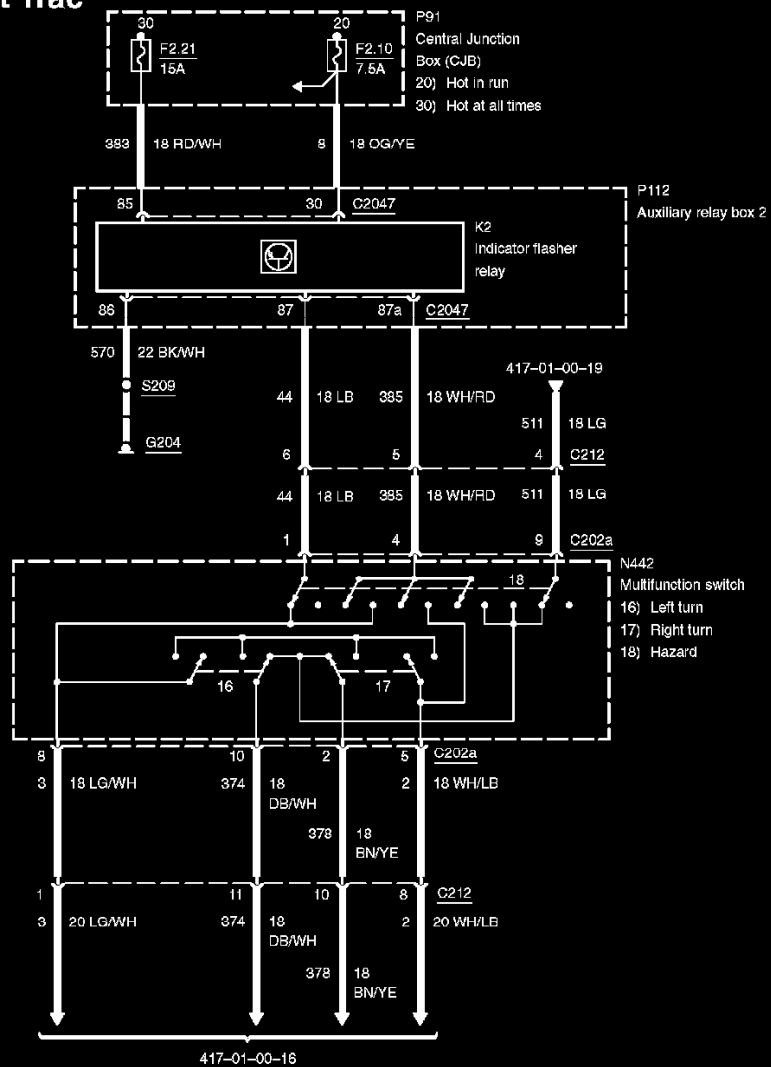
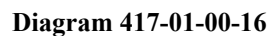


Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**



Sport Trac, Early production

The diagram illustrates the electrical system for the Sport Trac, Early production. It shows the flow of power from the Central Junction Box (CJB) through various components, including the Digital Transmission Range (DTR) sensor, the Remote Anti-Theft Personality (RAP) module, and the reversing lamps.

Central Junction Box (CJB): P91, F2.27 15A, 20) Hot in run.

Digital Transmission Range (DTR) sensor: B234, P, R, N, D, 2, 1.

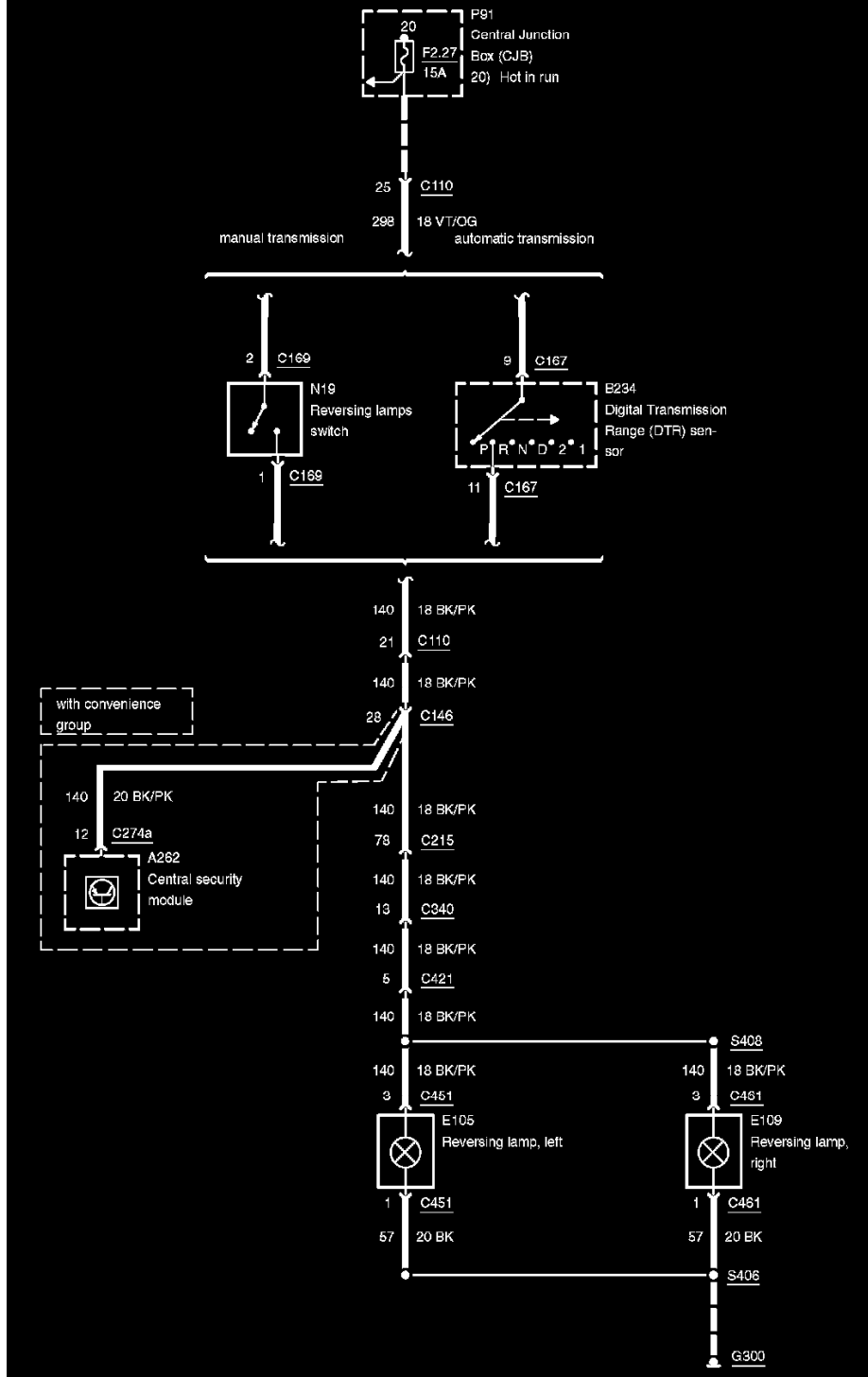
Remote Anti-Theft Personality (RAP) module: A256, C309a, 12, 140 18 BK/PK.

Reversing lamps: E106 (left), E109 (right), C451, 1, 57 20 BK.

Wiring Details:

- 20) Hot in run (CJB) connects to 25 C110.
- 25 C110 connects to 298 18 VT/OG.
- 298 18 VT/OG connects to 1 C133.
- 1 C133 connects to 298 18 VT/OG.
- 298 18 VT/OG connects to 9 C167.
- 9 C167 connects to 11 C157.
- 11 C157 connects to 140 18 BK/PK.
- 140 18 BK/PK connects to 2 C133.
- 2 C133 connects to 140 18 BK/PK.
- 140 18 BK/PK connects to 21 C110.
- 21 C110 connects to 140 18 BK/PK.
- 140 18 BK/PK connects to 28 C146.
- 28 C146 connects to 140 18 BK/PK.
- 140 18 BK/PK connects to 78 C215.
- 78 C215 connects to 140 18 BK/PK.
- 140 18 BK/PK connects to S325.
- S325 connects to 140 18 BK/PK.
- 140 18 BK/PK connects to 13 C340.
- 13 C340 connects to 140 18 BK/PK.
- 140 18 BK/PK connects to 5 C421.
- 5 C421 connects to 140 18 BK/PK.
- 140 18 BK/PK connects to S408.
- S408 connects to 140 18 BK/PK.
- 140 18 BK/PK connects to 3 C451.
- 3 C451 connects to E106 Reversing lamp, left.
- E106 Reversing lamp, left connects to 1 C451.
- 1 C451 connects to 57 20 BK.
- 57 20 BK connects to S406.
- S406 connects to G300.

Diagram 417-01-00-17

Sport Trac, Late production**Diagram 417-01-00-18**

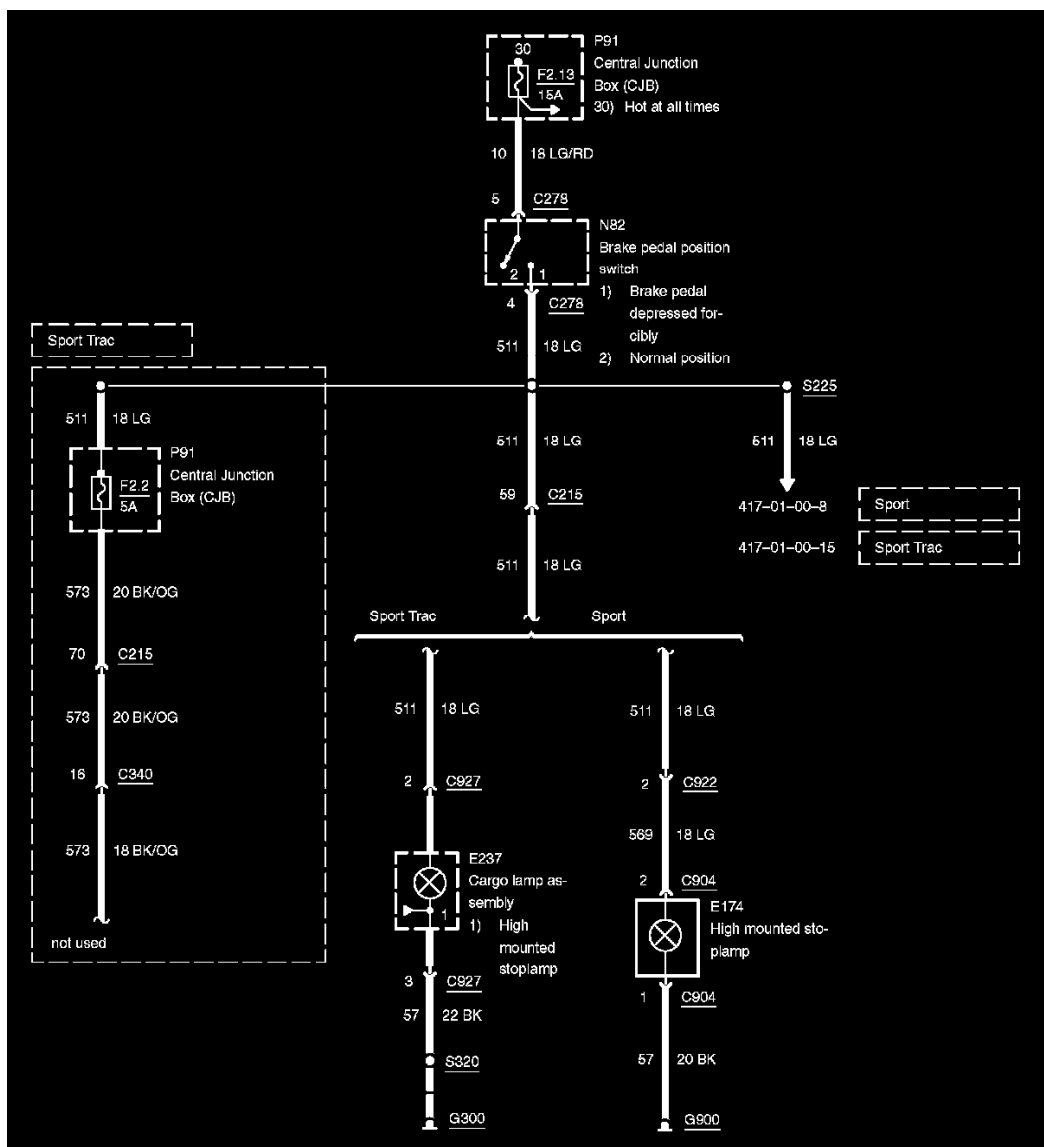


Diagram 417-01-00-19

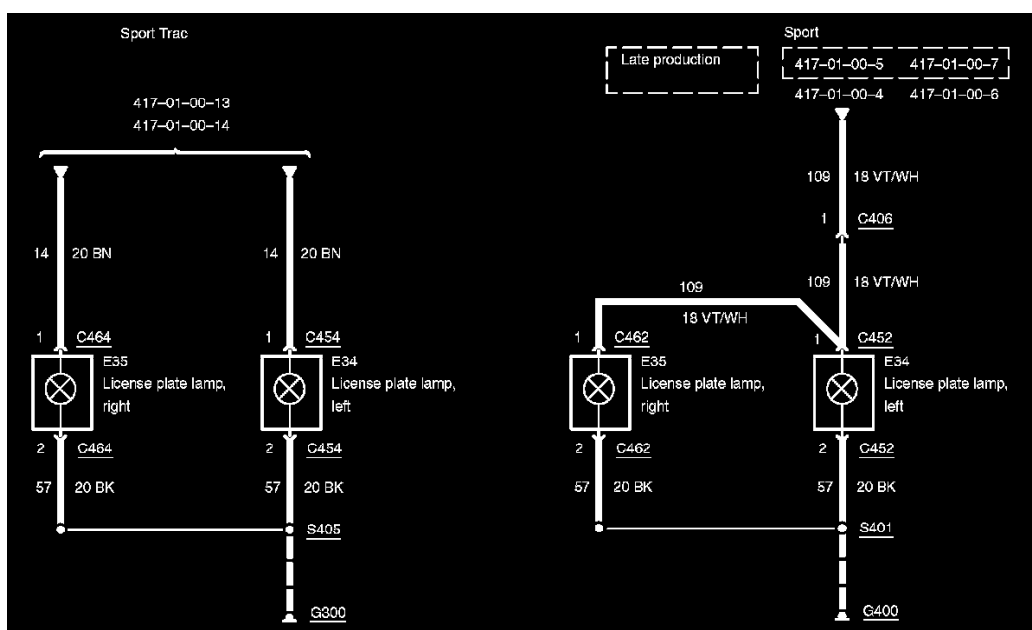
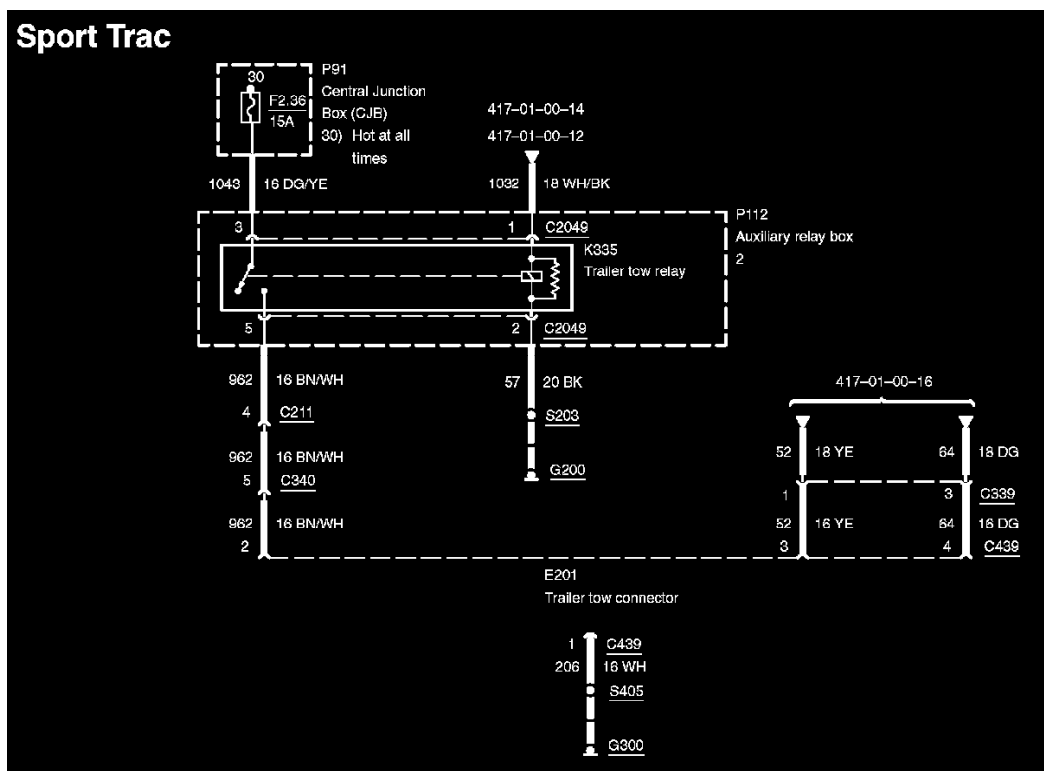


Diagram 417-01-00-20



RELATED DIAGRAMS

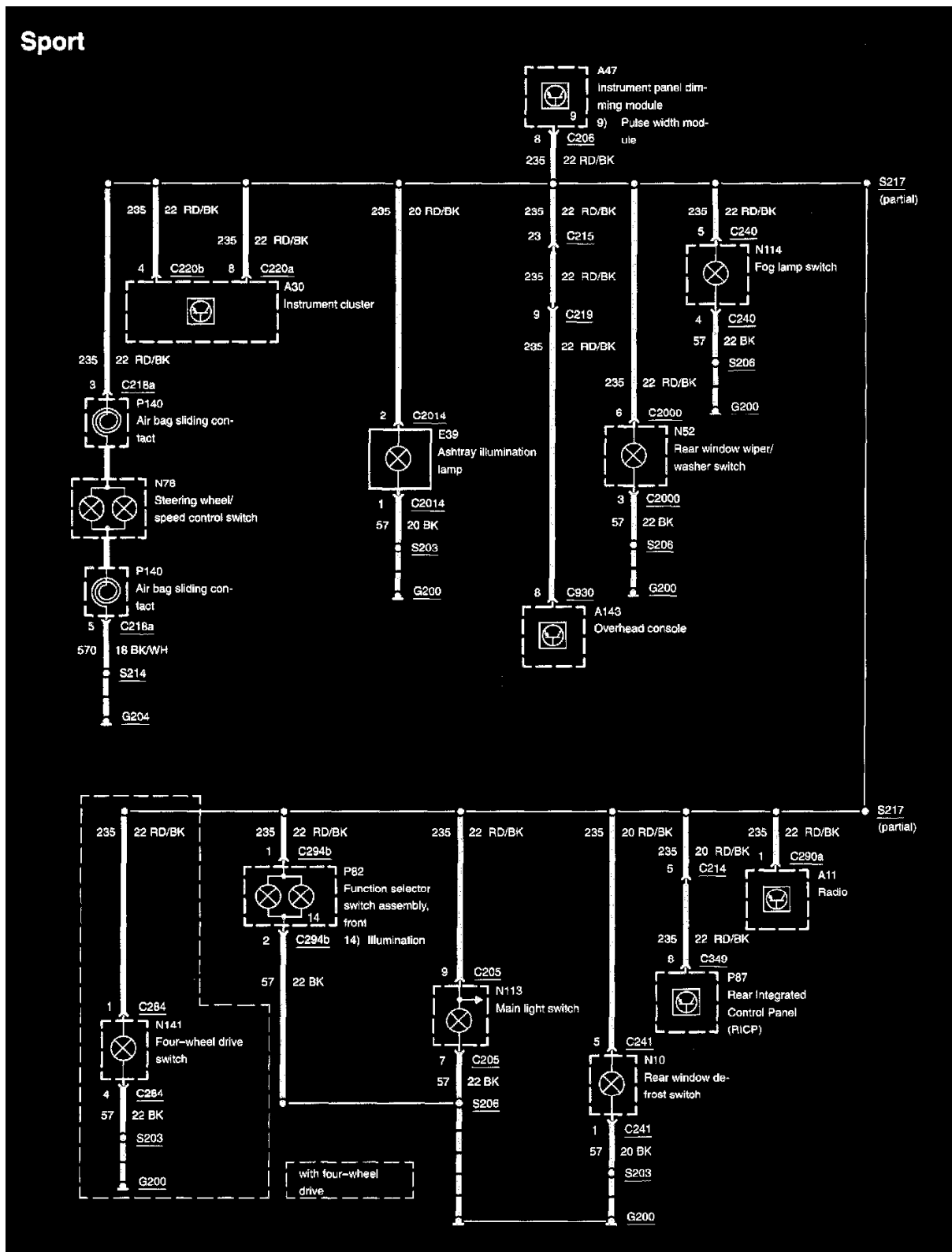


Diagram 413-00-00-3

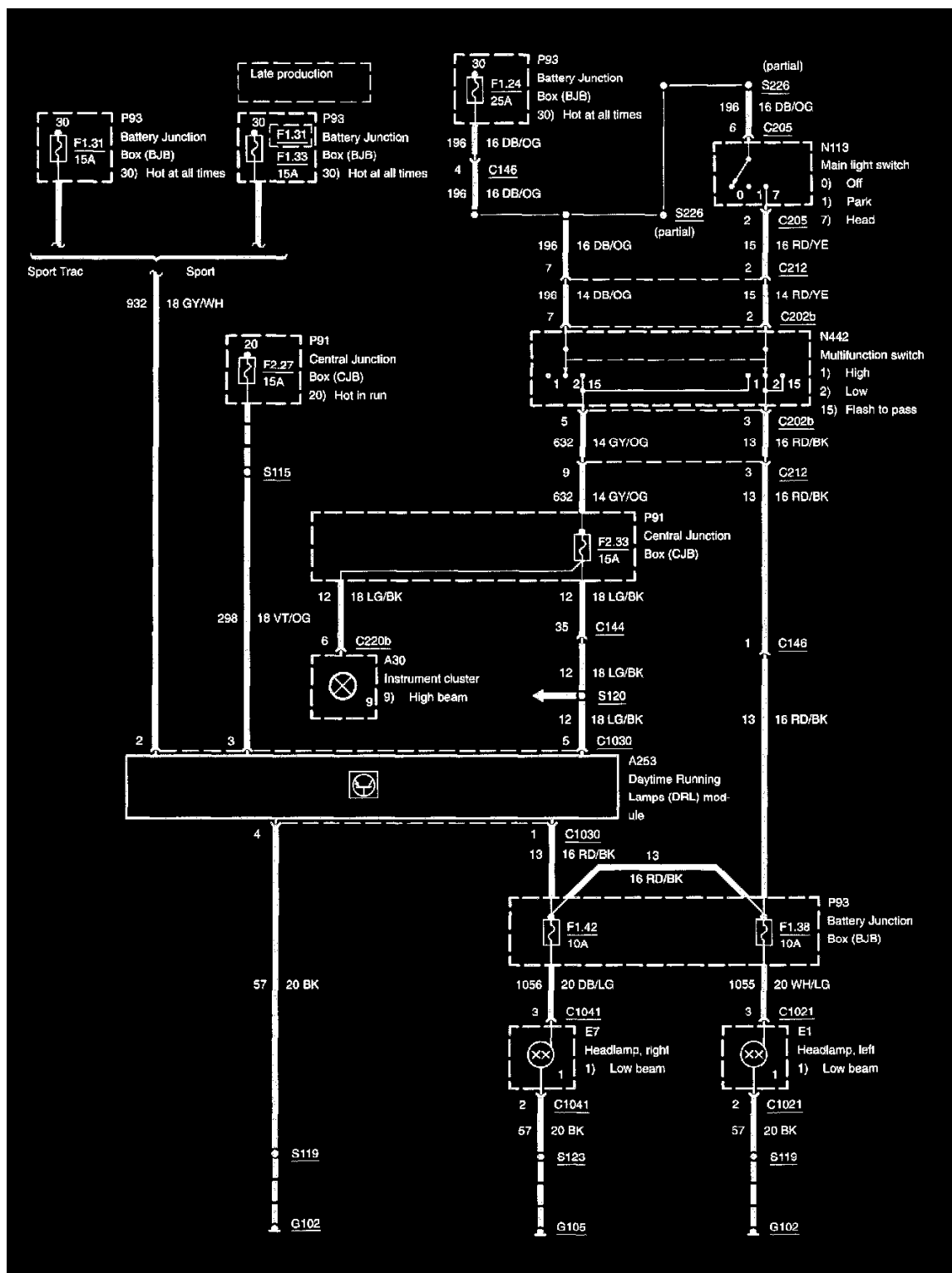


Diagram 417-04-00-1

Trunk Lamp

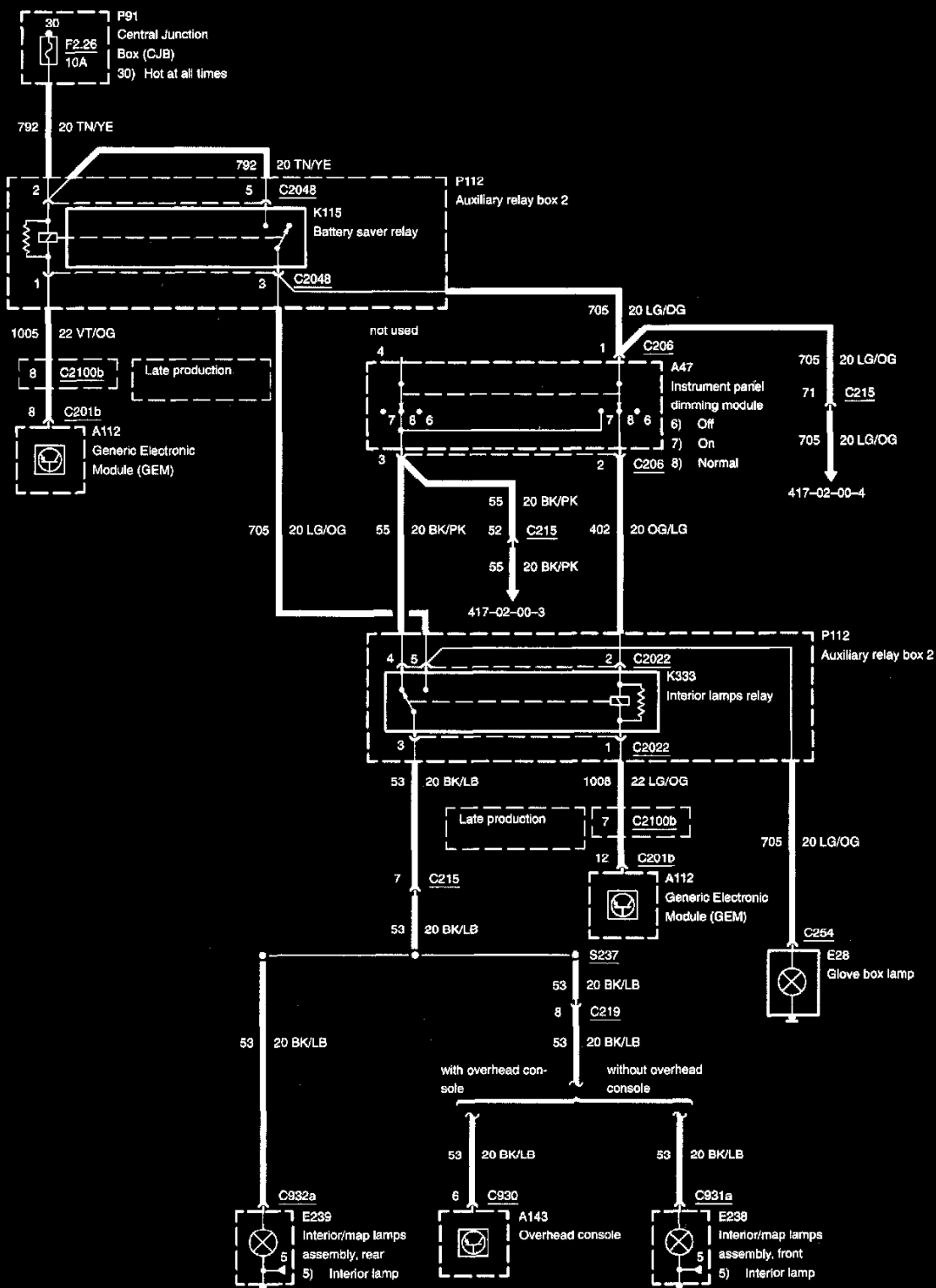
Sport Trac

Diagram 417-02-00-2

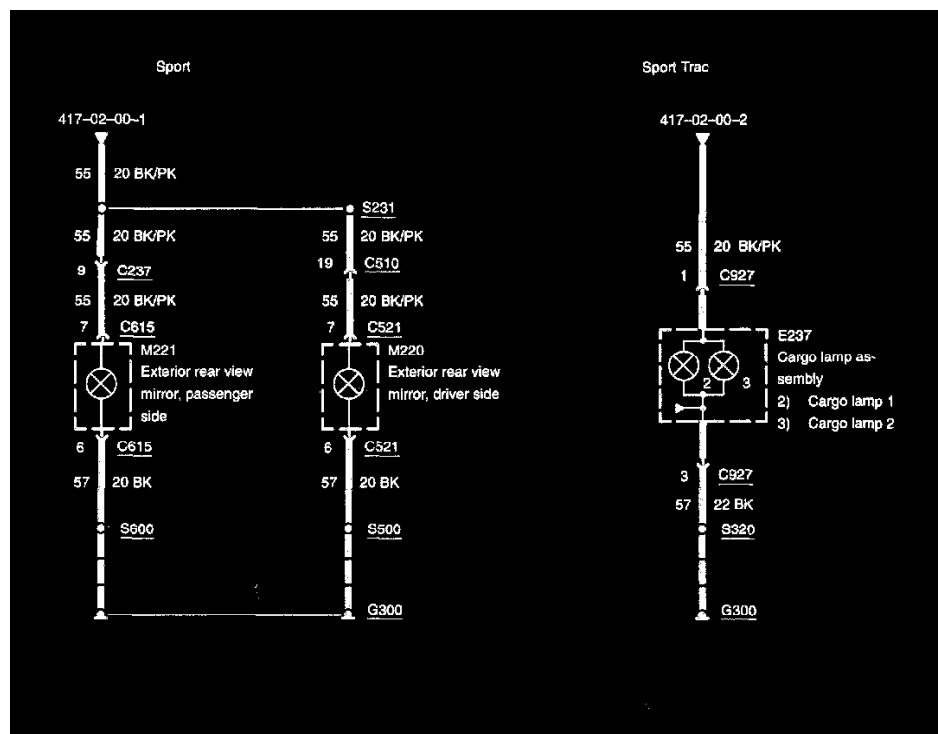


Diagram 417-02-00-3

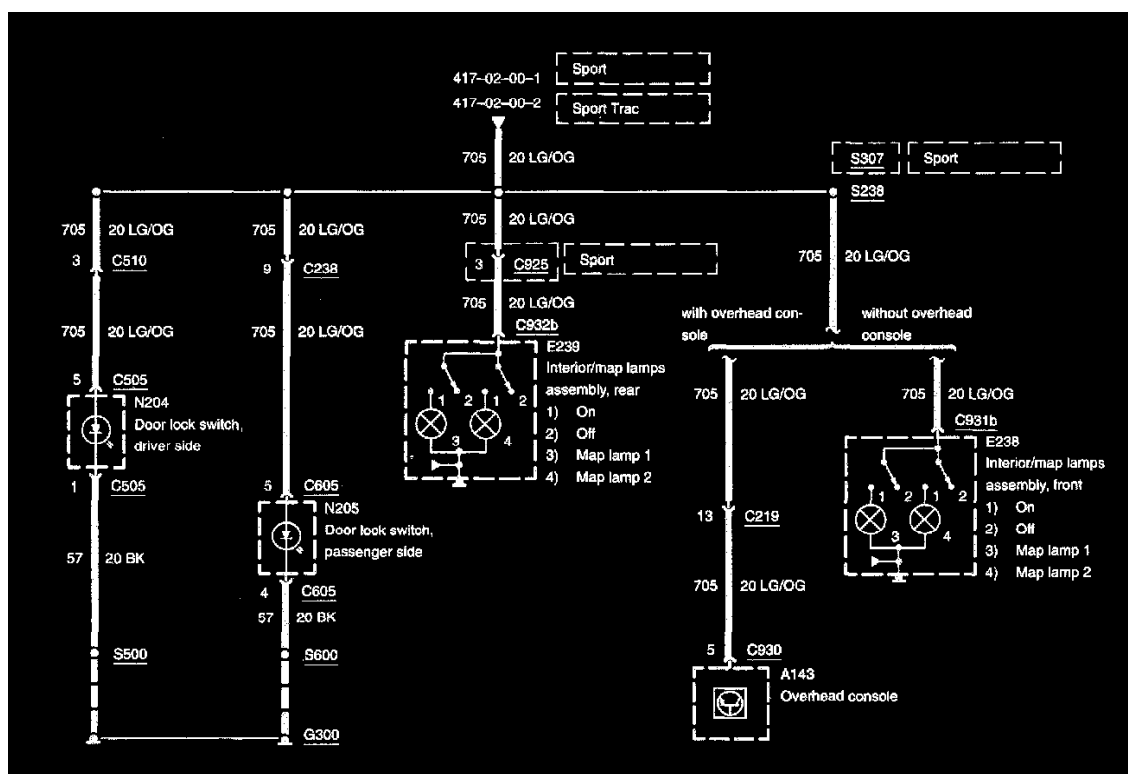


Diagram 417-02-00-4

Turn Signals

DETAILED DIAGRAMS

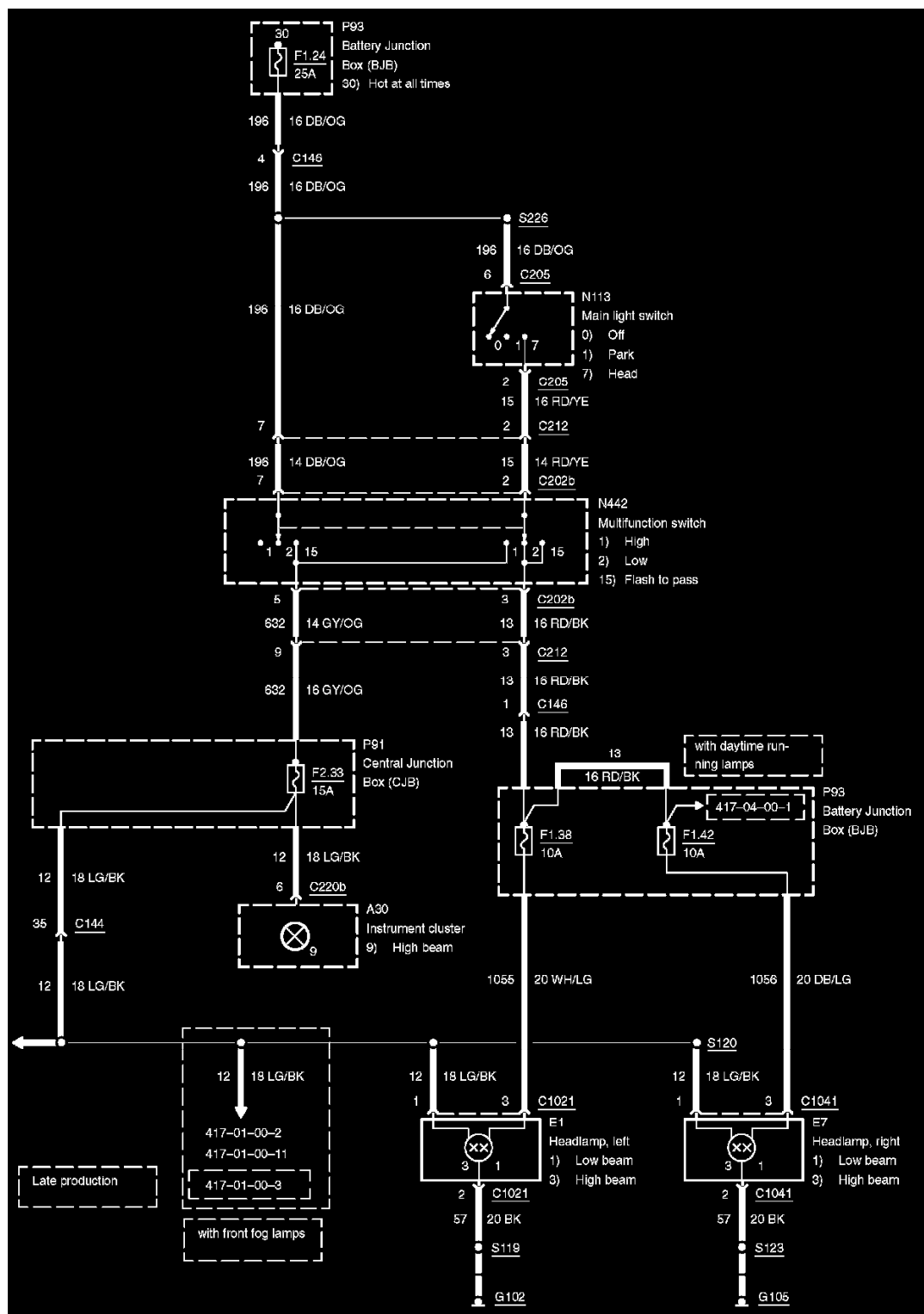


Diagram 417-01-00-1

Sport Trac

Wiring Diagram for Sport Trac Fog Lamp System

Legend:

- 0) Off
- 1) Park
- 7) Head
- 0) Off
- 1) On

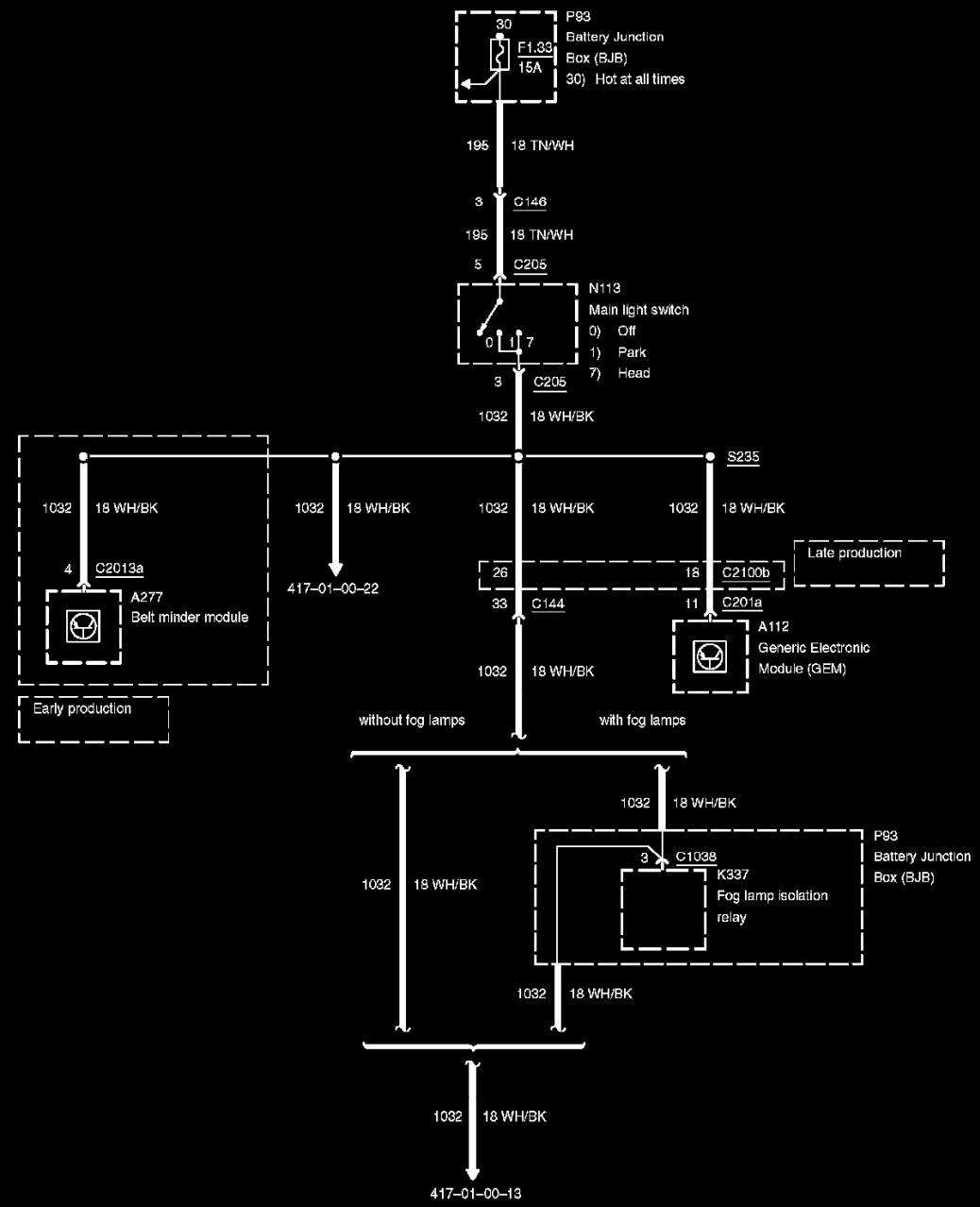
Key Components and Connections:

- P93 Battery Junction Box (BJB):** 30) Hot at all times.
- N113 Main light switch:** 0) Off, 1) Park, 7) Head.
- K337 Fog lamp isolation relay:** 1) C1038, 2) C1038, 57) 20 BK, S110, G101.
- K26 Fog lamp relay:** 2) C1007, 1) C1007, 478) 18 TN/OG, 477) 20 LB/BK, 235) 22 RD/BK, C240, 57) 22 BK, S206, G200.
- N114 Fog lamp switch:** 0) Off, 1) On.
- Fog Lamps:** E43 (left), E42 (right).

Wiring Details:

- 18 TN/WH, 3) C146, 18 TN/WH, 5) C205, 1032) 18 WH/BK, S235, 1032) 18 WH/BK, 33) C144, 417-01-00-1, 12) 18 LG/BK, 1032) 18 WH/BK, 3) C1038, 1) K337, 2) C1038, 57) 20 BK, S110, G101, 417-01-00-13, 1032) 18 WH/BK, 1347) 18 DB/WH, 474) 18 OG/LG, 3) C1007, 2) C1007, 478) 18 TN/OG, S122, 478) 18 TN/OG, 5) C144, 478) 18 TN/OG, 477) 20 LB/BK, 235) 22 RD/BK, C240, 57) 22 BK, S206, G200, 413-00-00-6, 2) C152, E43, Fog lamp, left front, 1) C152, 57) 20 BK, S119, G102, 2) C162, E42, Fog lamp, right front, 1) C162, 57) 20 BK, S123, G105.

Diagram 417-01-00-11

Sport Trac, With convenience group**Diagram 417-01-00-12**

Sport Trac, With convenience group

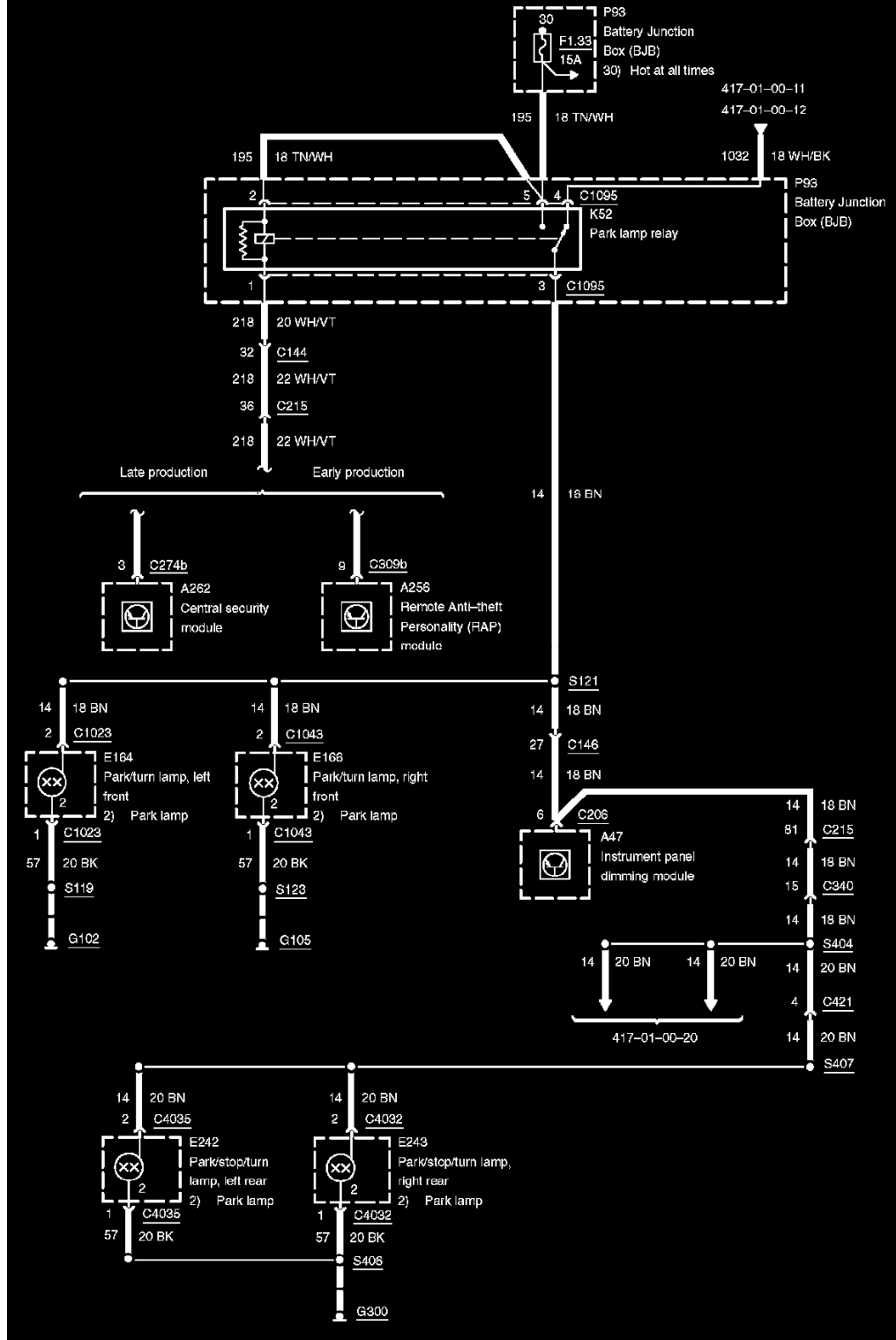


Diagram 417-01-00-13

Sport Trac, Lower option content

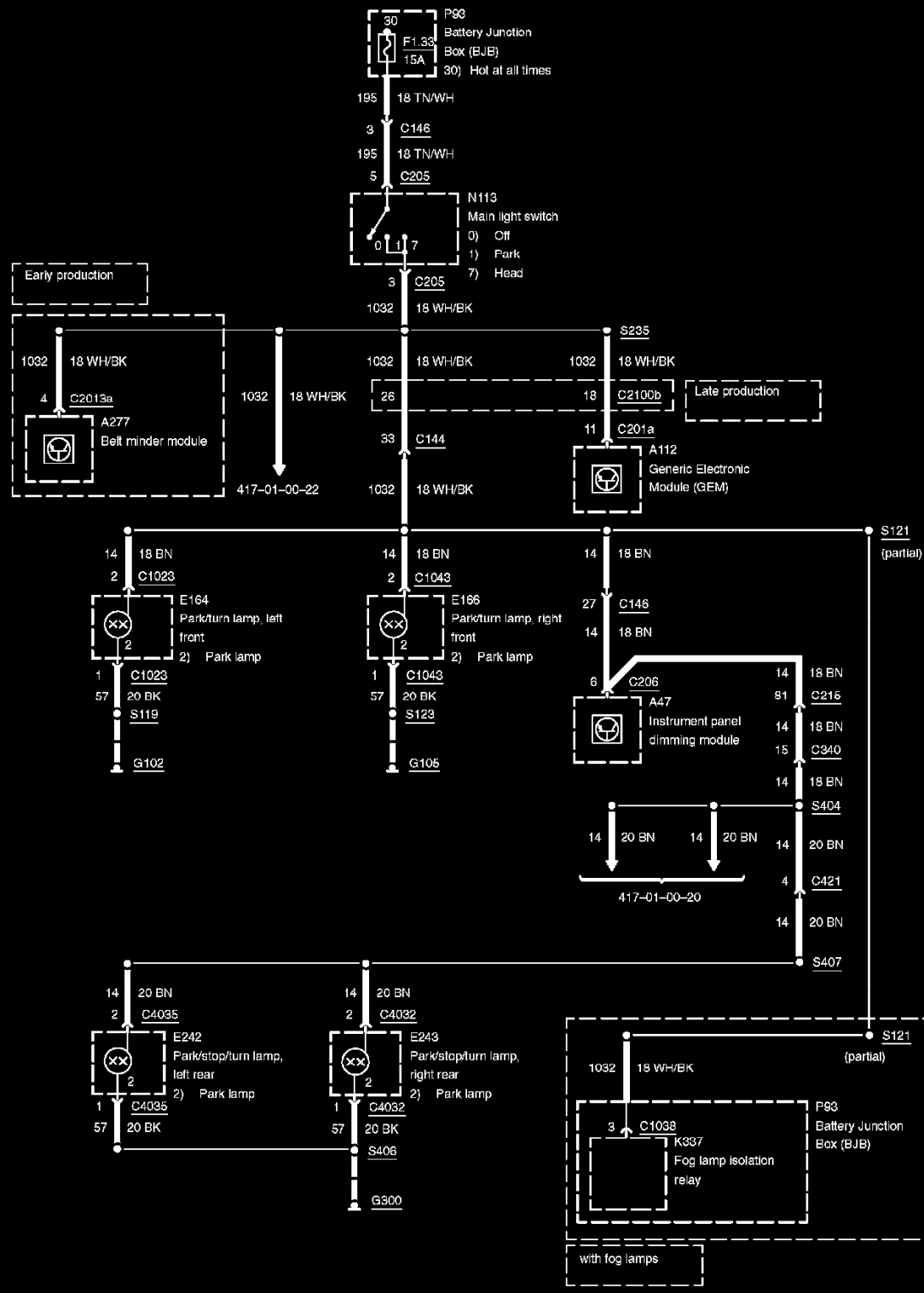
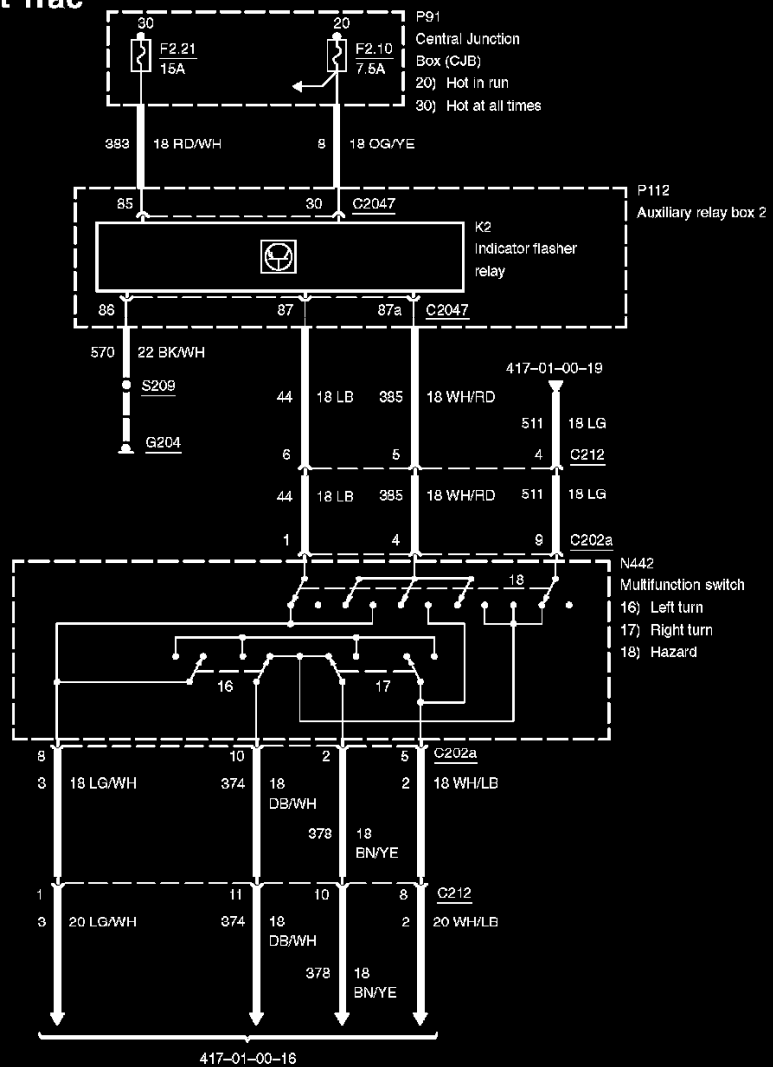
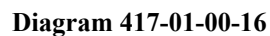


Diagram 417-01-00-14

Sport Trac**Diagram 417-01-00-15**

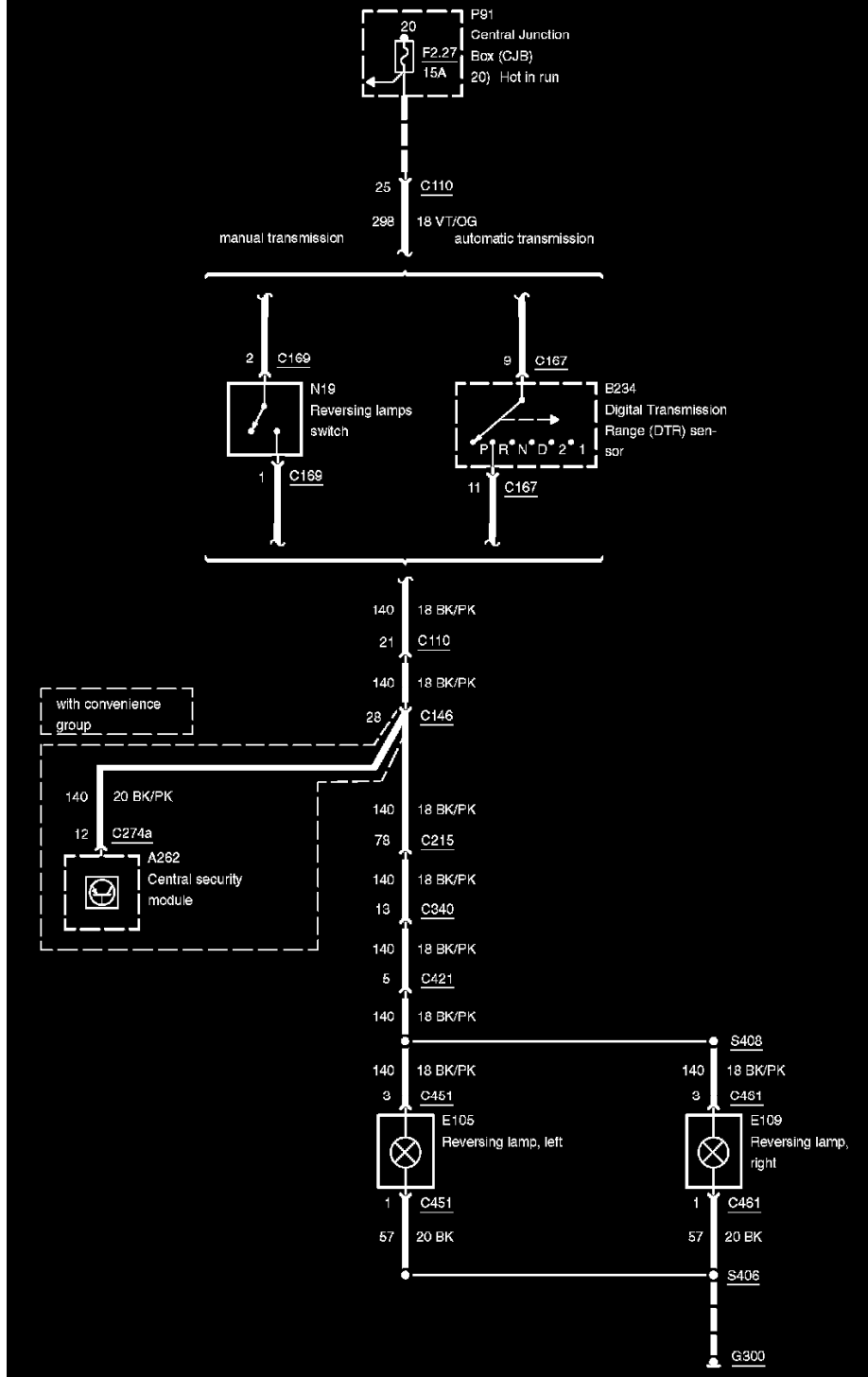


Sport Trac, Early production

The diagram illustrates the electrical system for the Sport Trac, Early production. It shows the following components and wiring:

- Central Junction Box (CJB):** Labeled P91, F2.27, 15A. It is the main power source, with terminal 20 being "Hot in run".
- Wiring Path:** The main power line runs vertically through the center, with various components connected to it.
 - Top Section:**
 - Terminal 25 connects to C110.
 - Terminal 298 connects to 18 VT/OG.
 - Terminal 1 connects to C133.
 - Terminal 298 connects to 18 VT/OG.
 - Terminal 9 connects to C167.
 - Digital Transmission Range (DTR) sensor:** Labeled B234, it is connected to the main line between terminals 9 and 11. It has terminals P, R, N, D, 2, 1.
 - Lower Section:**
 - Terminal 11 connects to C157.
 - Terminal 140 connects to 18 BK/PK.
 - Terminal 2 connects to C133.
 - Terminal 140 connects to 18 BK/PK.
 - Terminal 21 connects to C110.
 - Terminal 140 connects to 18 BK/PK.
 - Terminal 28 connects to C146.
 - Terminal 140 connects to 18 BK/PK.
 - Terminal 78 connects to C215.
 - Terminal 140 connects to 18 BK/PK.
 - Terminal 140 connects to S325.
 - Terminal 140 connects to 18 BK/PK.
 - Terminal 13 connects to C340.
 - Terminal 140 connects to 18 BK/PK.
 - Terminal 5 connects to C421.
 - Terminal 140 connects to 18 BK/PK.
- Anti-theft System:**
 - A dashed box labeled "With anti-theft" contains a section for the A256 Remote Anti-theft Personality (RAP) module.
 - The RAP module is connected to terminal 12 via C309a.
 - Terminal 140 (18 BK/PK) is connected to the RAP module.
 - Terminal 140 (18 BK/PK) is also connected to the main power line.
- Reversing Lamps:**
 - Two reversing lamps are shown, labeled E105 (left) and E109 (right).
 - Each lamp is connected to terminal 3 via C451.
 - Terminal 140 (18 BK/PK) is connected to the main power line.
 - Terminal 1 connects to C451.
 - Terminal 57 (20 BK) is connected to the main power line.
 - Terminal 140 (18 BK/PK) is connected to the main power line.
 - Terminal 3 connects to C451.
 - Terminal 1 connects to C451.
 - Terminal 57 (20 BK) is connected to the main power line.
 - Terminal 140 (18 BK/PK) is connected to the main power line.
- Grounding:**
 - The system is grounded at the bottom via S408 and S406.
 - The ground connection is labeled G300.

Diagram 417-01-00-17

Sport Trac, Late production**Diagram 417-01-00-18**

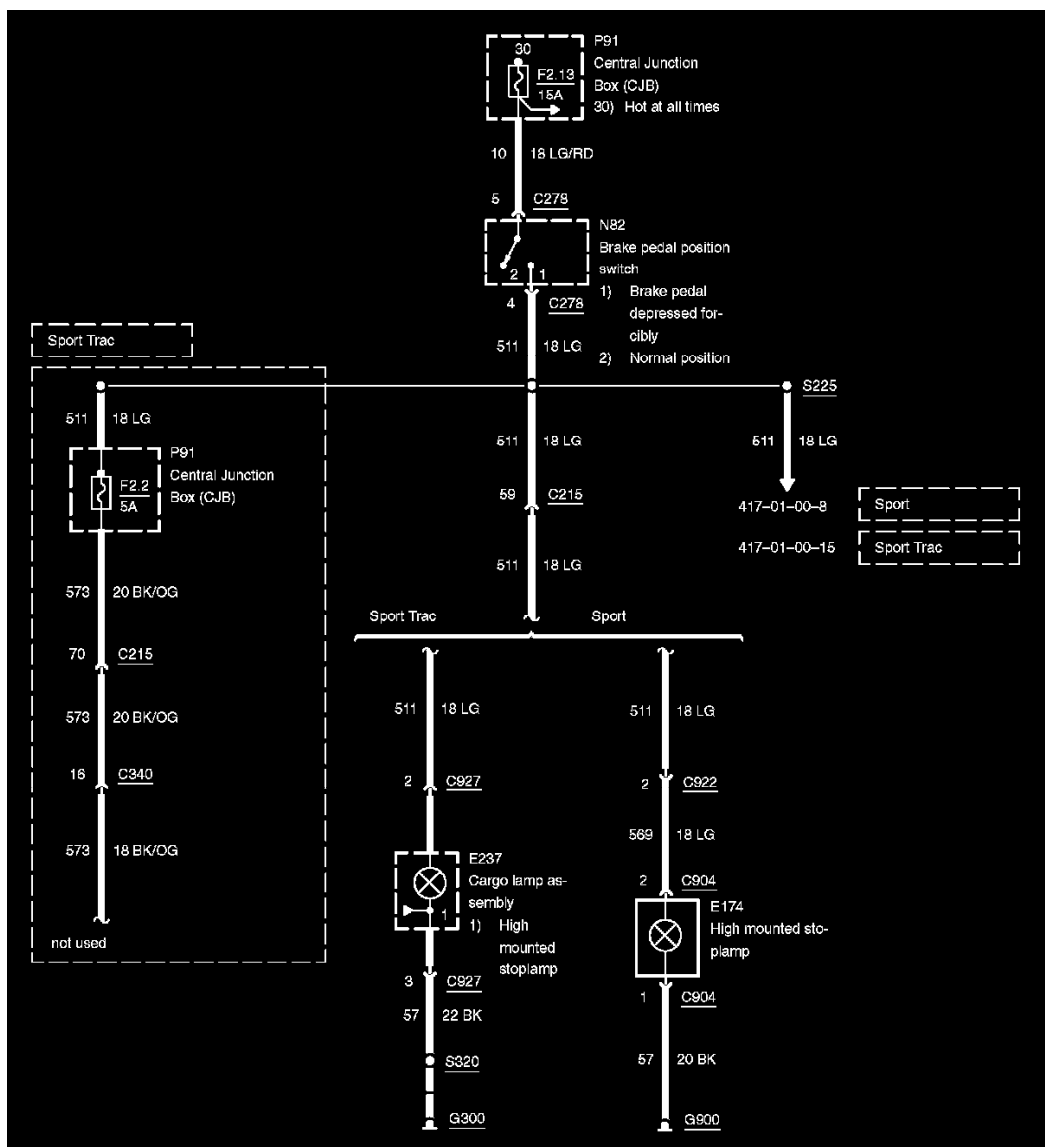


Diagram 417-01-00-19

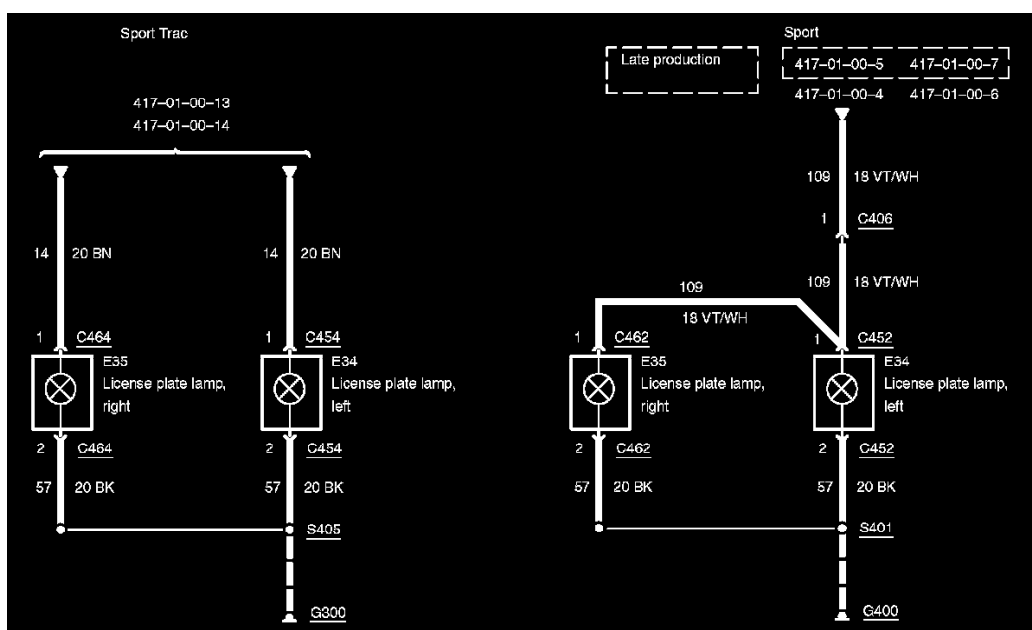
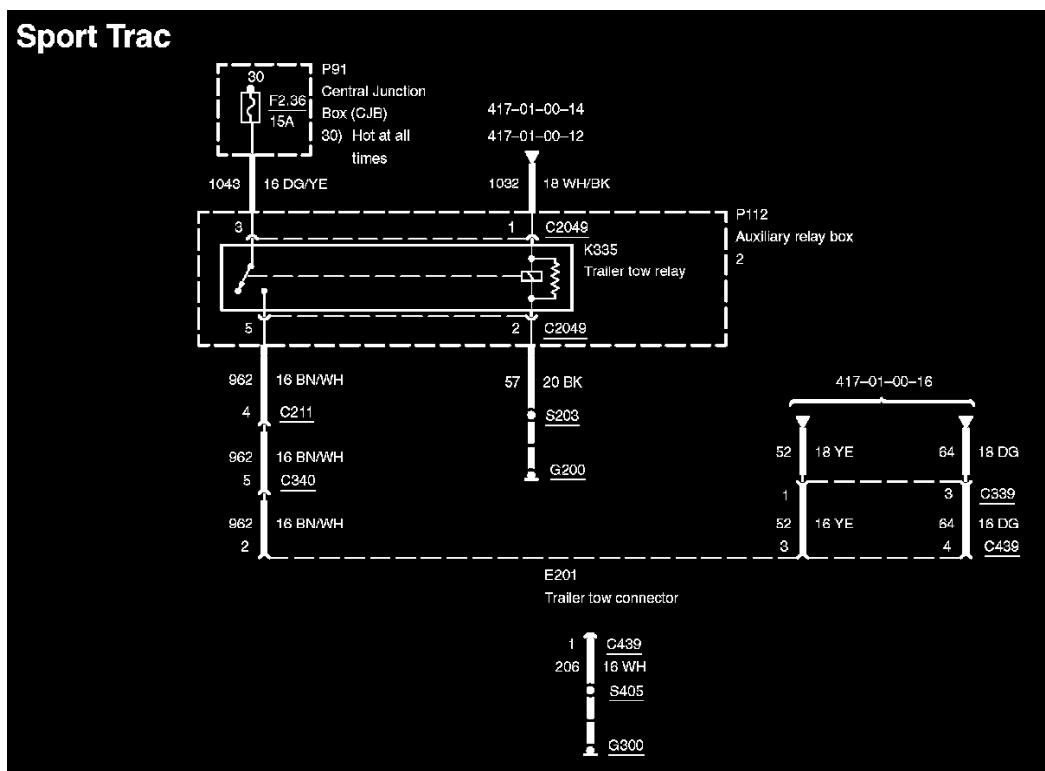


Diagram 417-01-00-20



RELATED DIAGRAMS

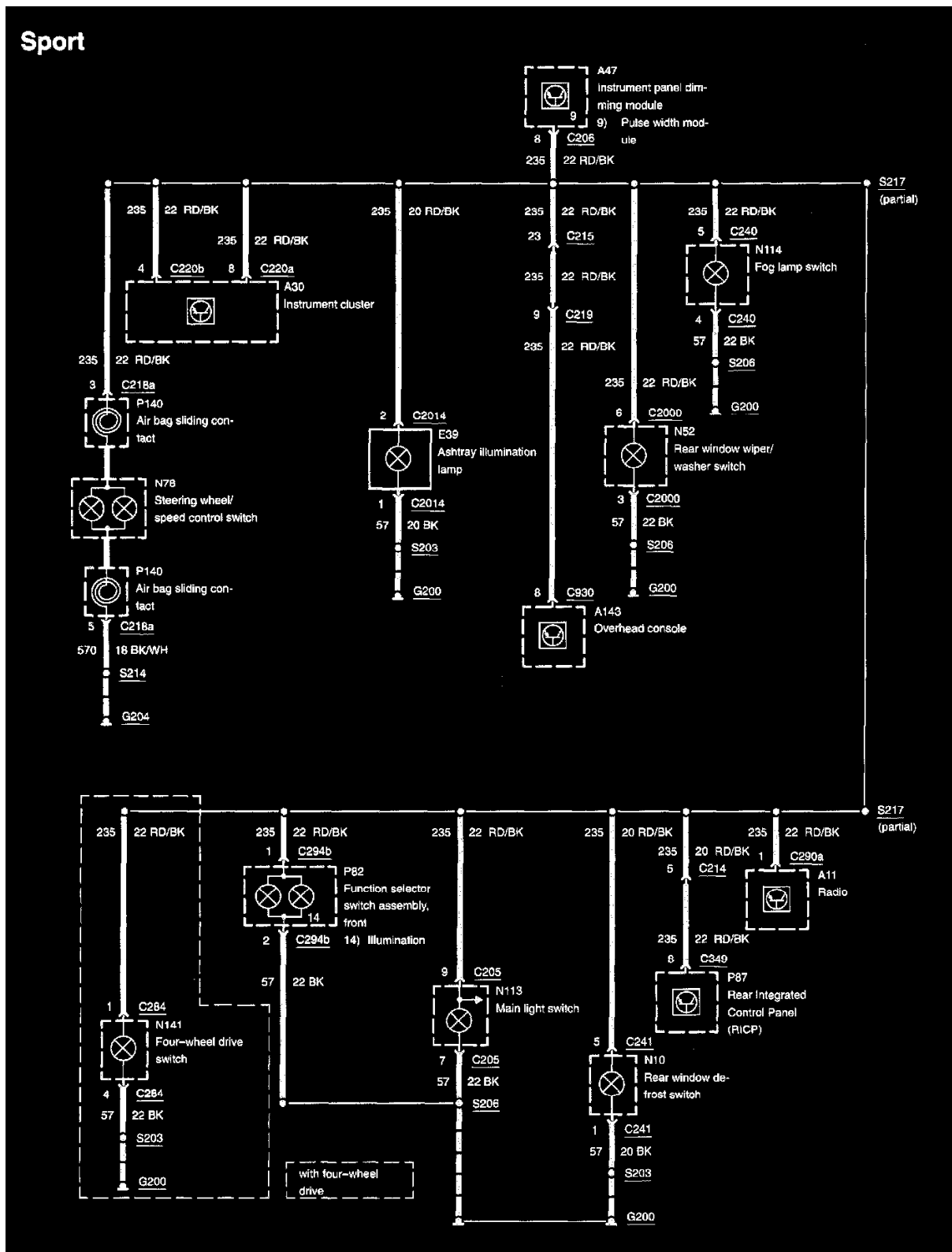
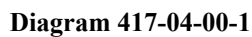


Diagram 413-00-00-3



Vanity Lamp

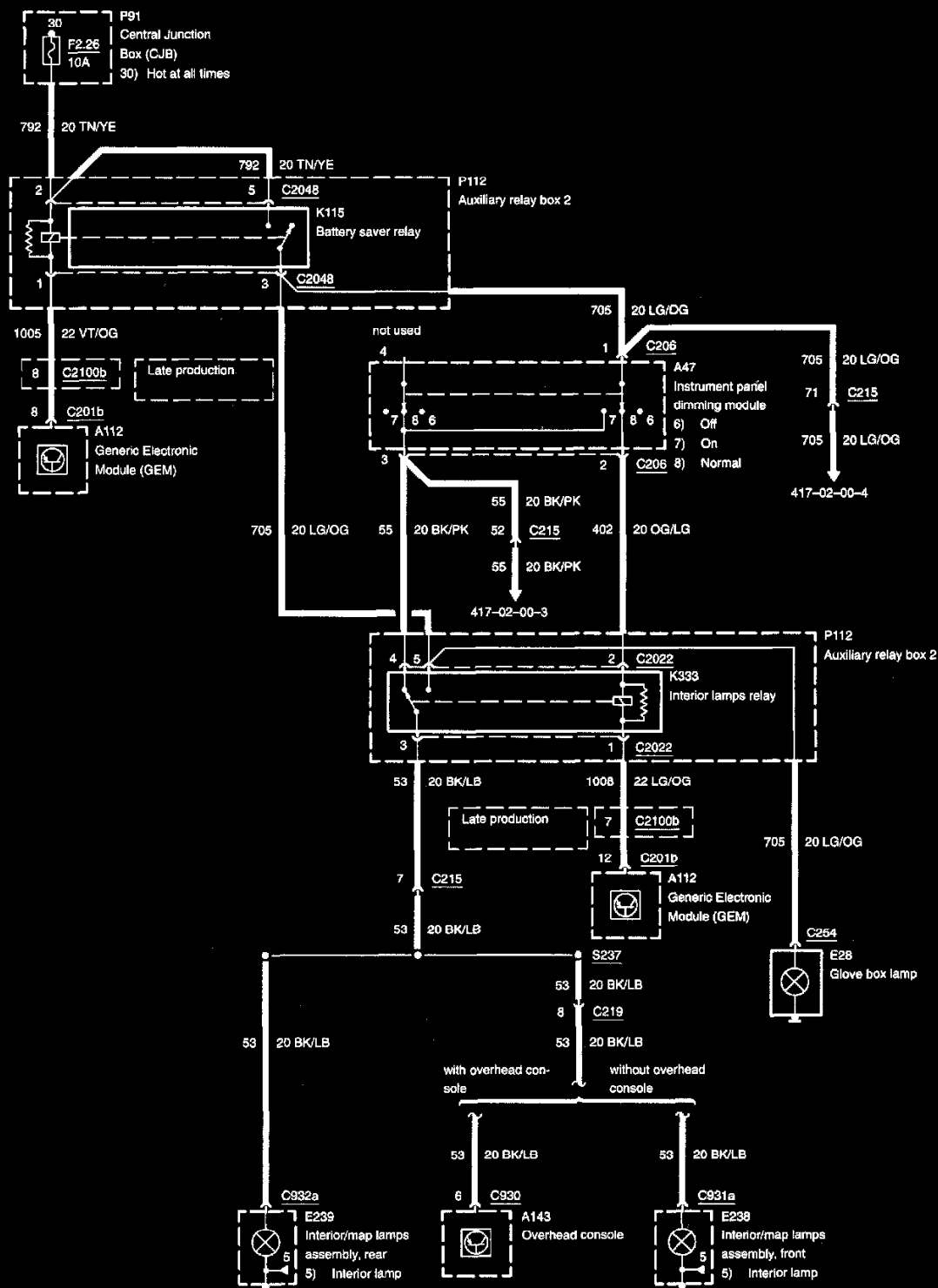
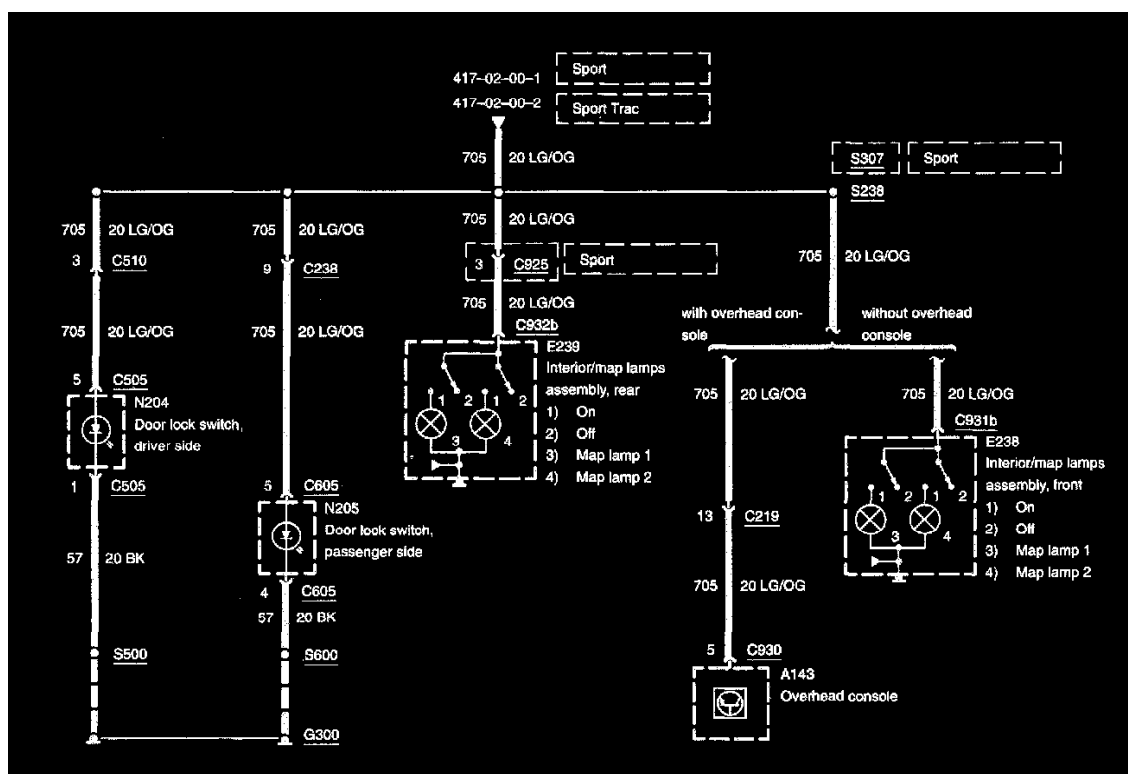
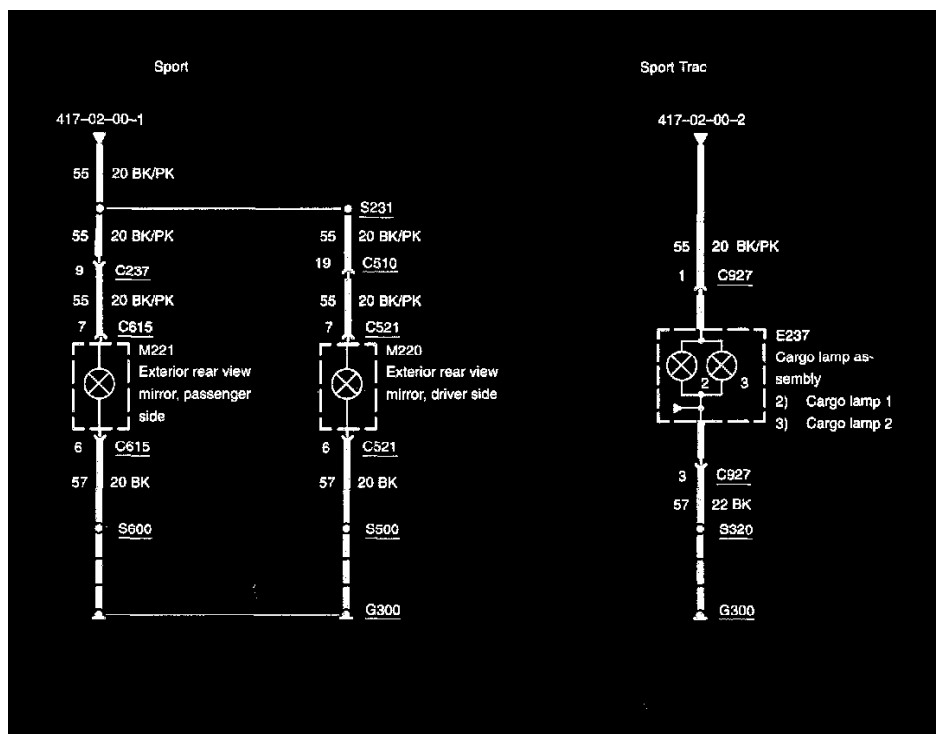
Sport Trac

Diagram 417-02-00-2



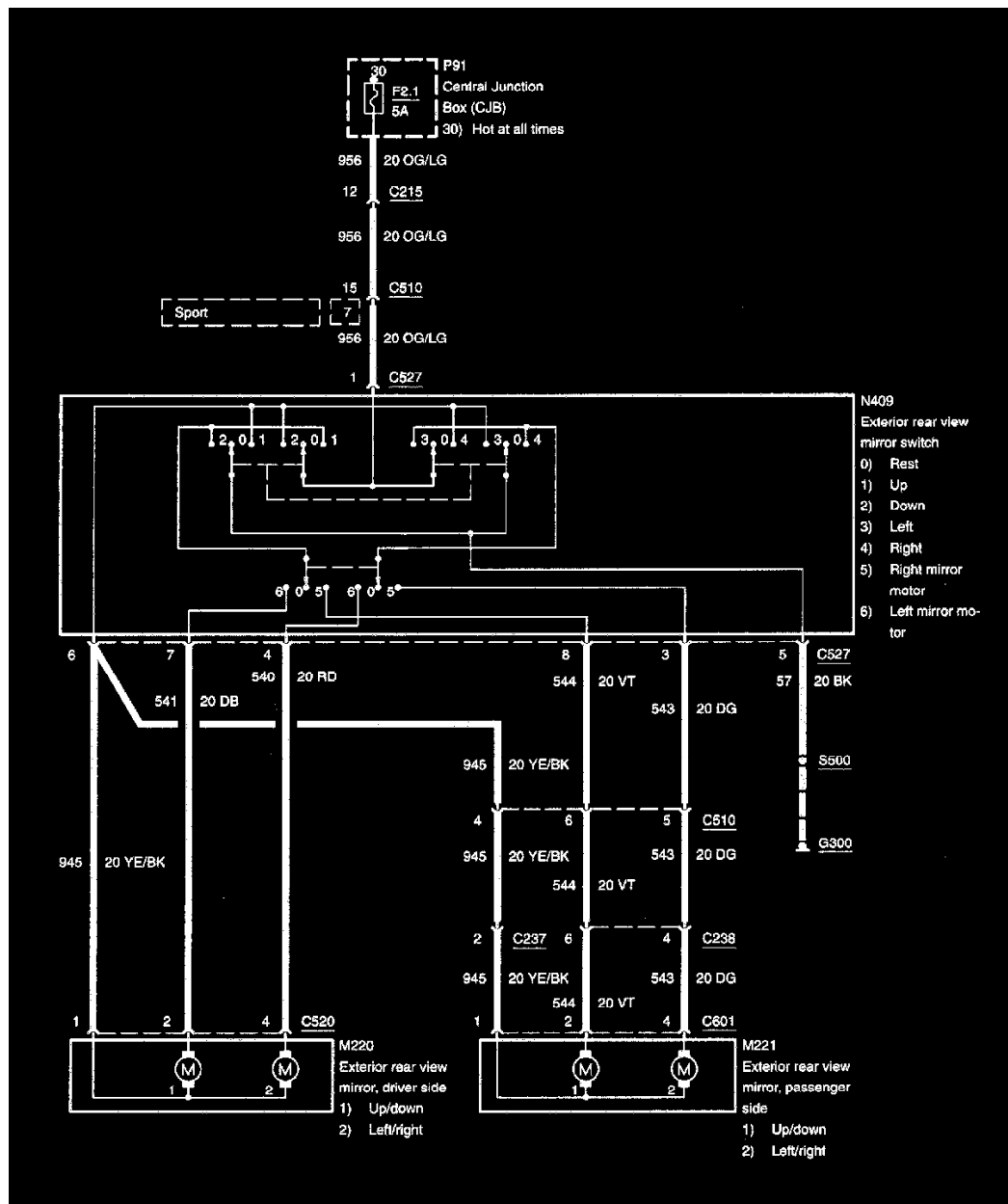


Diagram 501-09-00-1

System Diagram

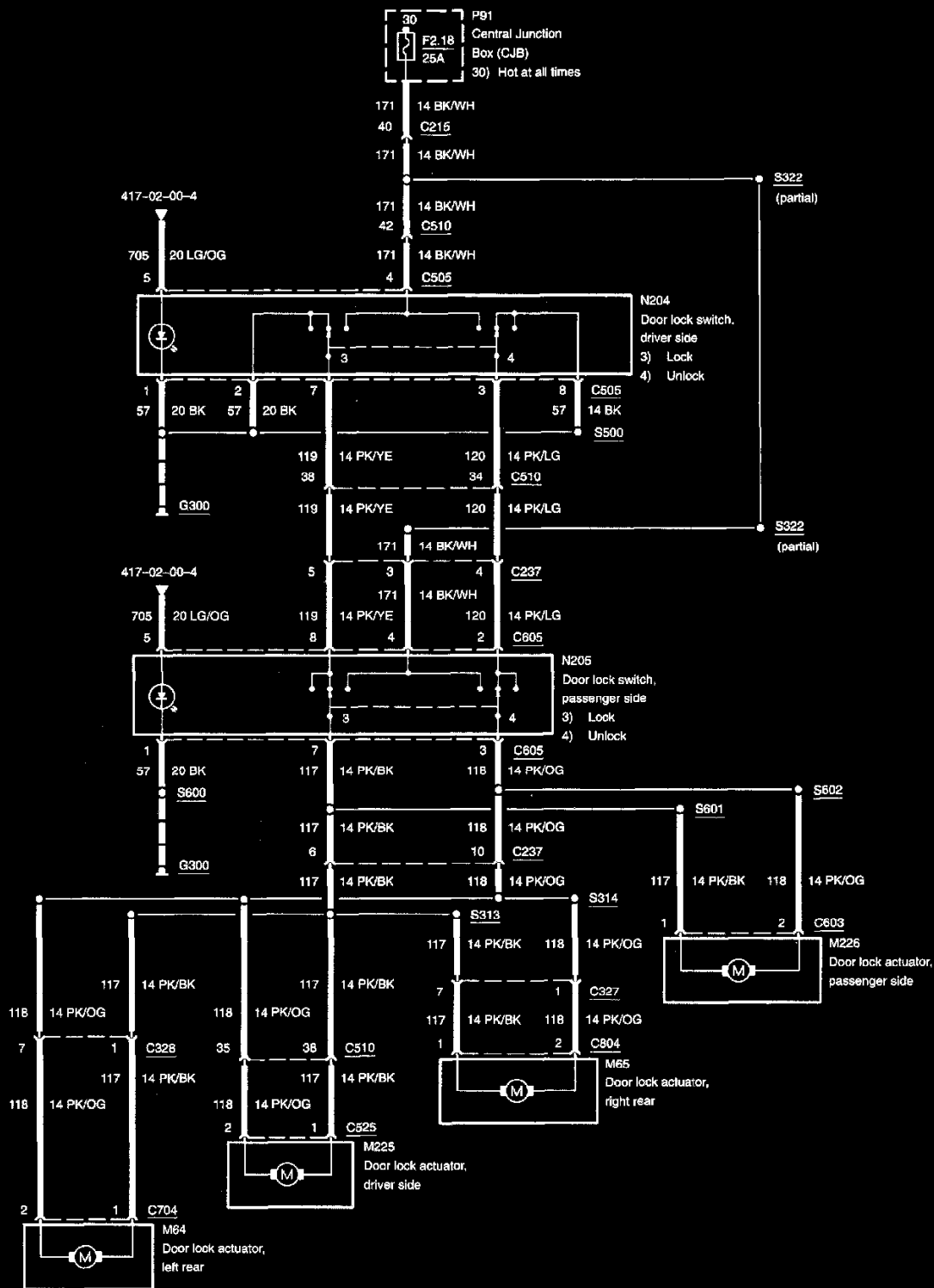
DETAILED DIAGRAMS

[illegible]

Diagram 501-14-00-3



Diagram 501-14-00-4

Sport Trac, Without keyless entry, Early production**Diagram 501-14-00-6**

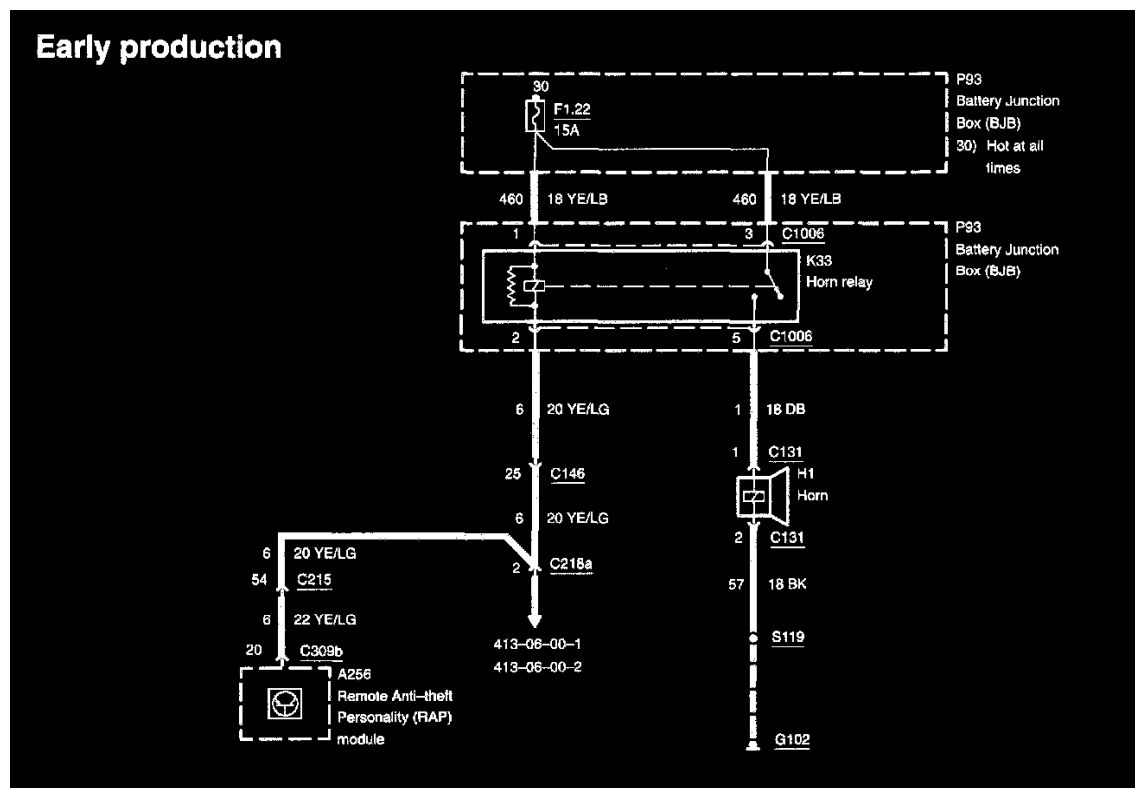


Diagram 501-14-00-7

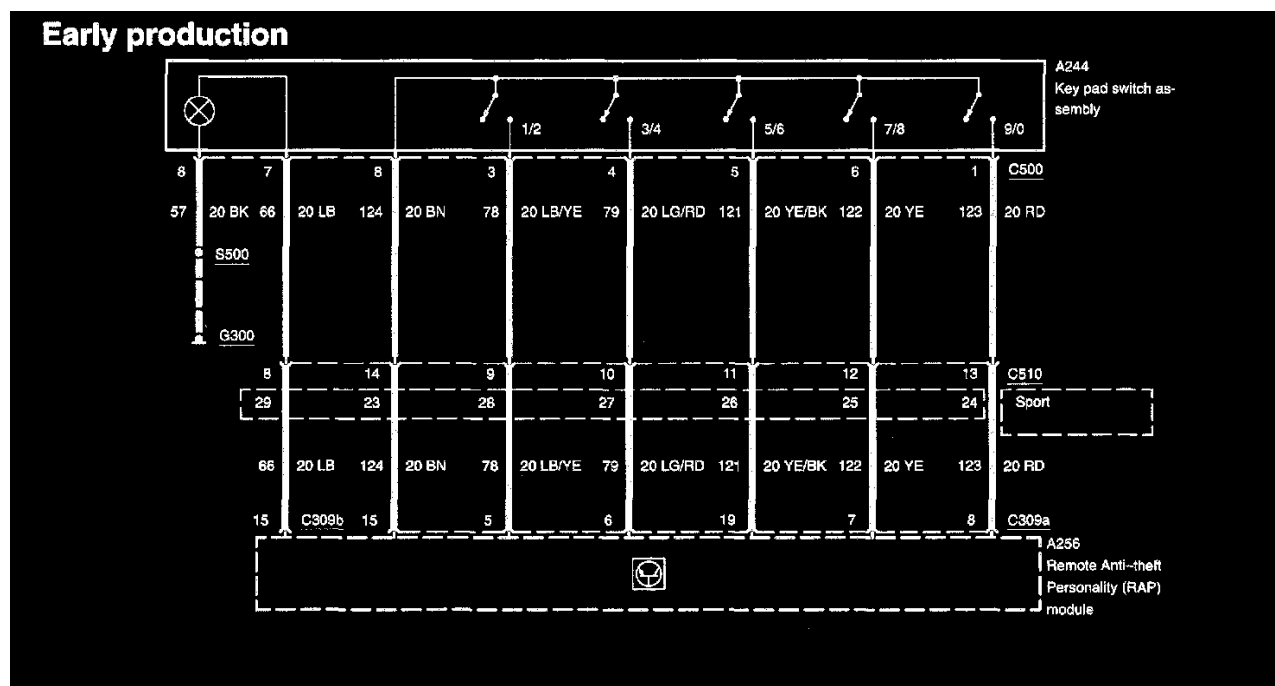


Diagram 501-14-00-8

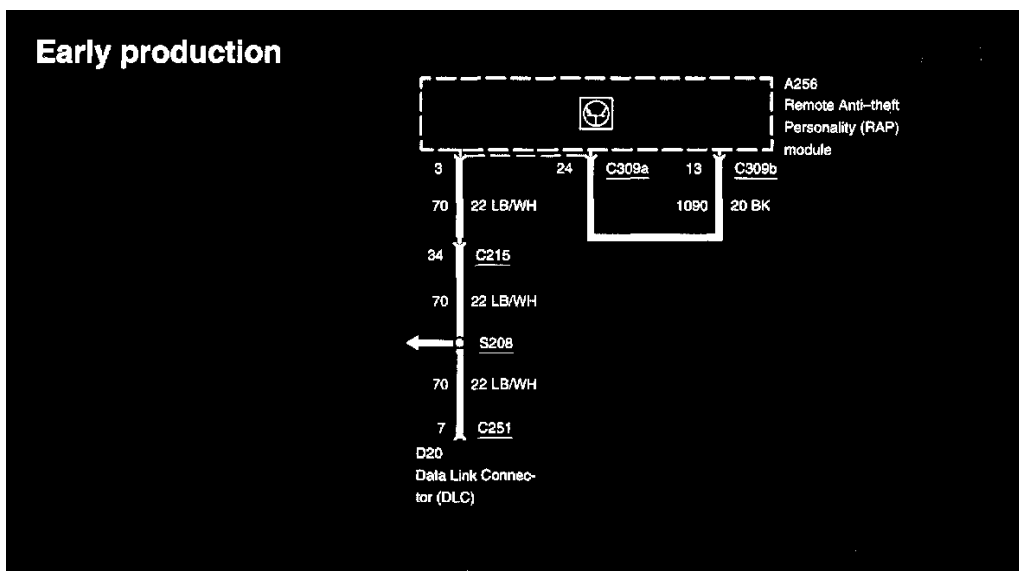


Diagram 501-14-00-9

[illegible]

Diagram 501-14-00-12

Sport Trac, With keyless entry, Late production

Central security module (A262)

Door lock switch, driver side (N204)
 3) Lock
 4) Unlock

Door lock switch, passenger side (N205)
 3) Lock
 4) Unlock

Relays and Solenoids:
 C274b, C215, C510, C505, C237, C605, S311, S310, S500, S600

Wiring Details:
 - Power sources: 417-02-00-4
 - Ground: G300
 - Various wire colors and gauges are indicated (e.g., 20 LG/OG, 20 BK, 20 PK/LG, 22 PK/YE, 20 LG/OG, 20 BK).

Diagram 501-14-00-13

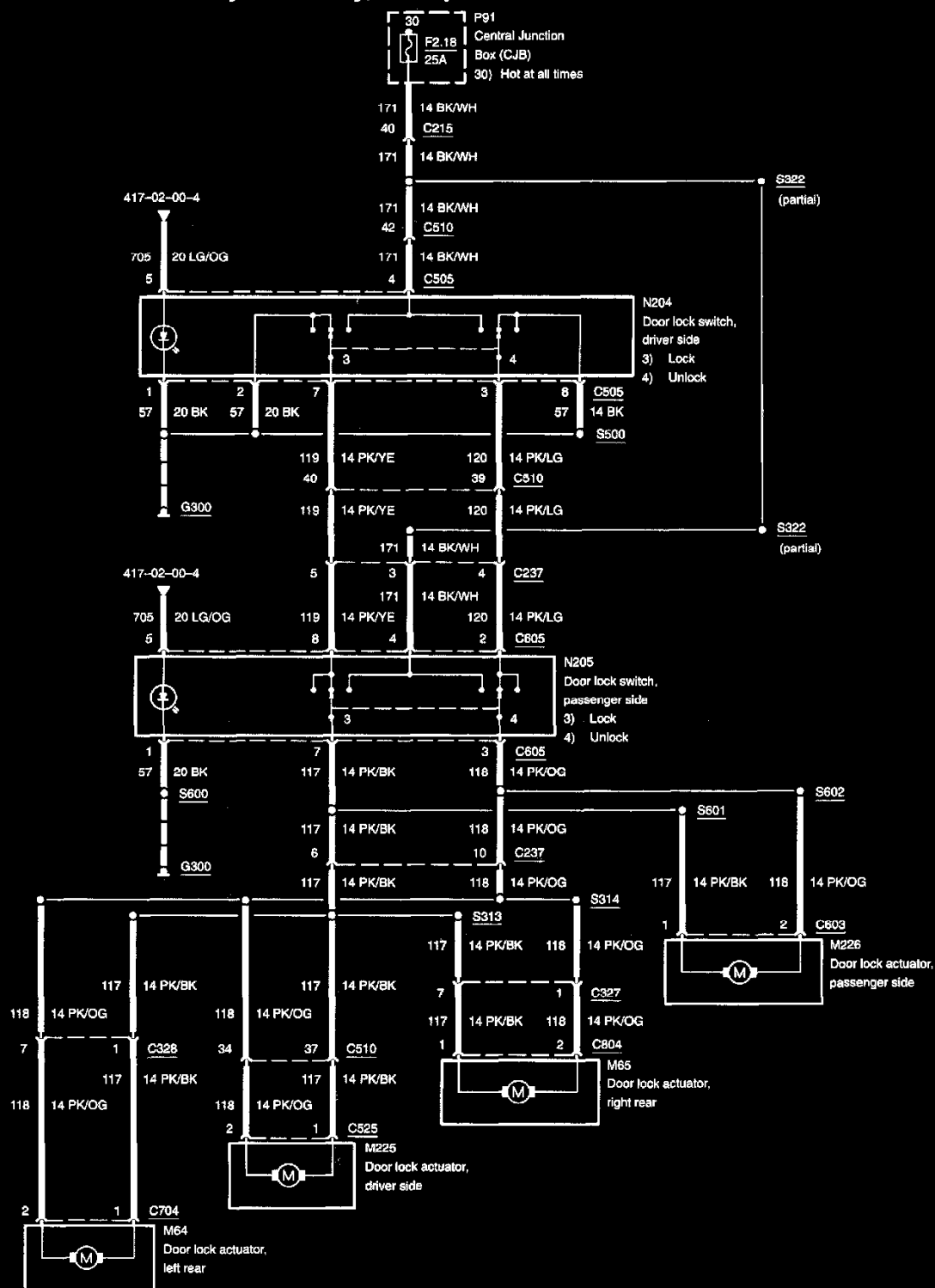
Sport Trac, Without keyless entry, Late production

Diagram 501-14-00-15

Late production

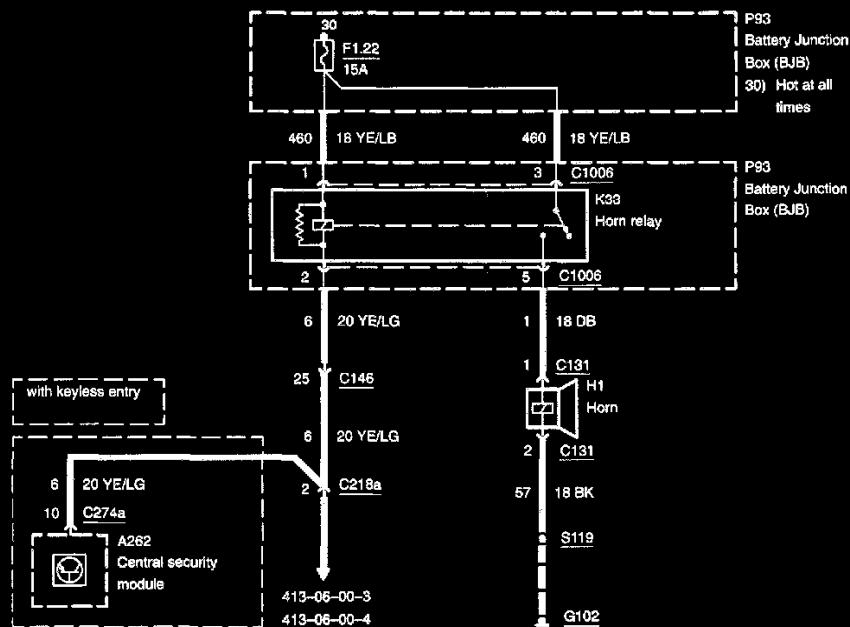


Diagram 501-14-00-16

Late production

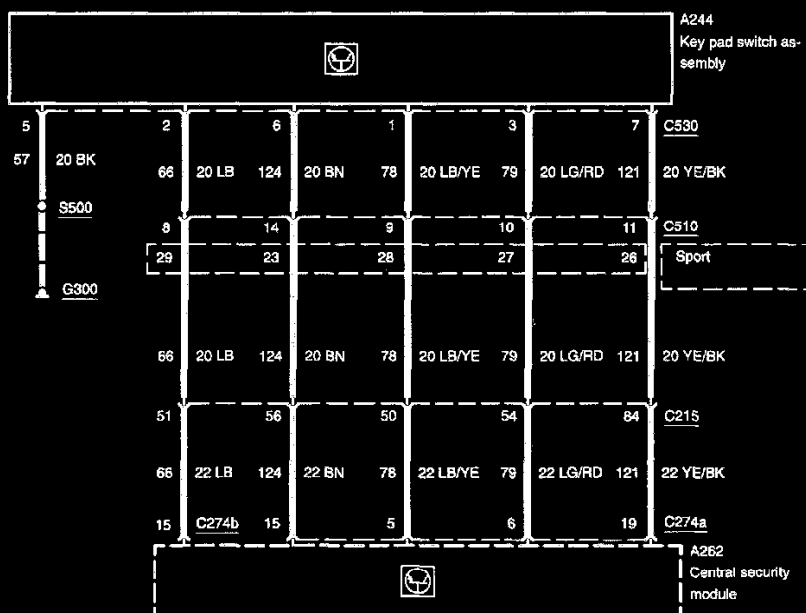


Diagram 501-14-00-17

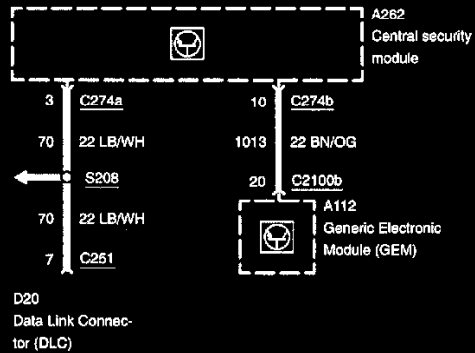
Late production

Diagram 501-14-00-18

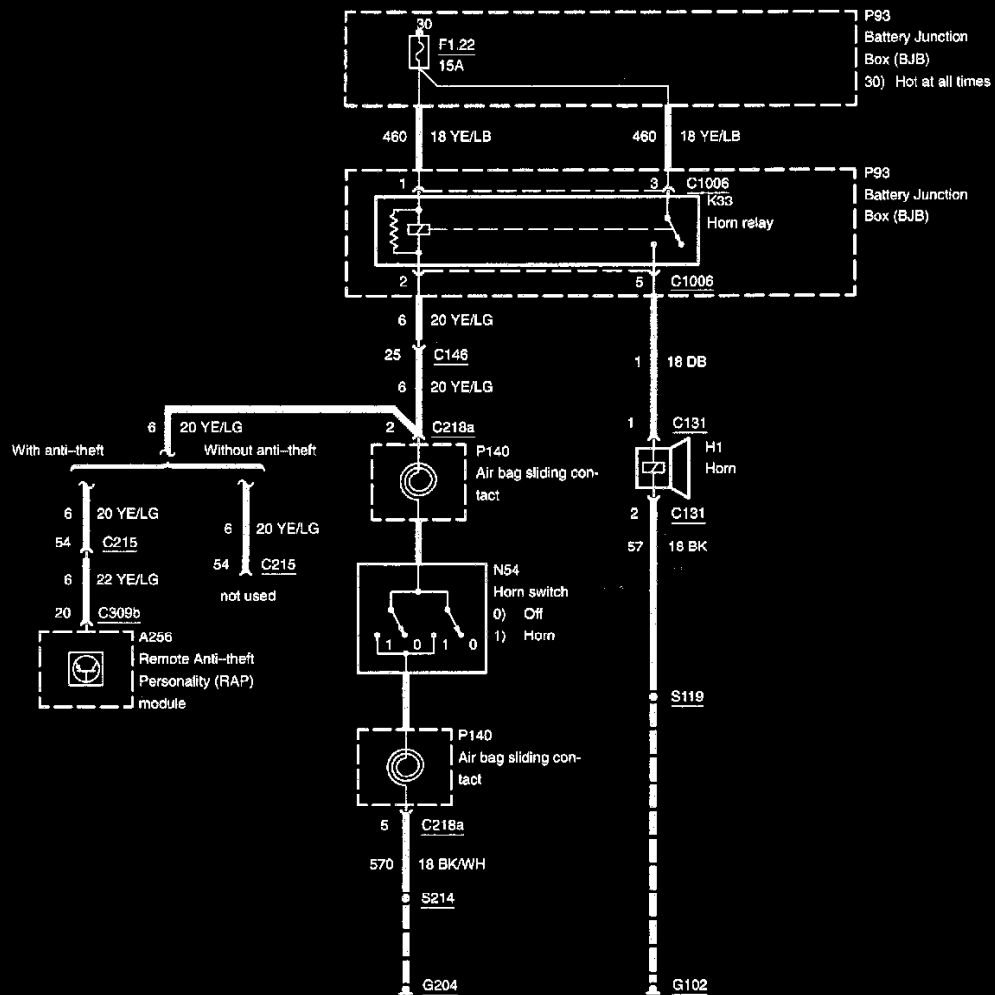
RELATED DIAGRAMS**Early production, Without speed control**

Diagram 413-06-00-1

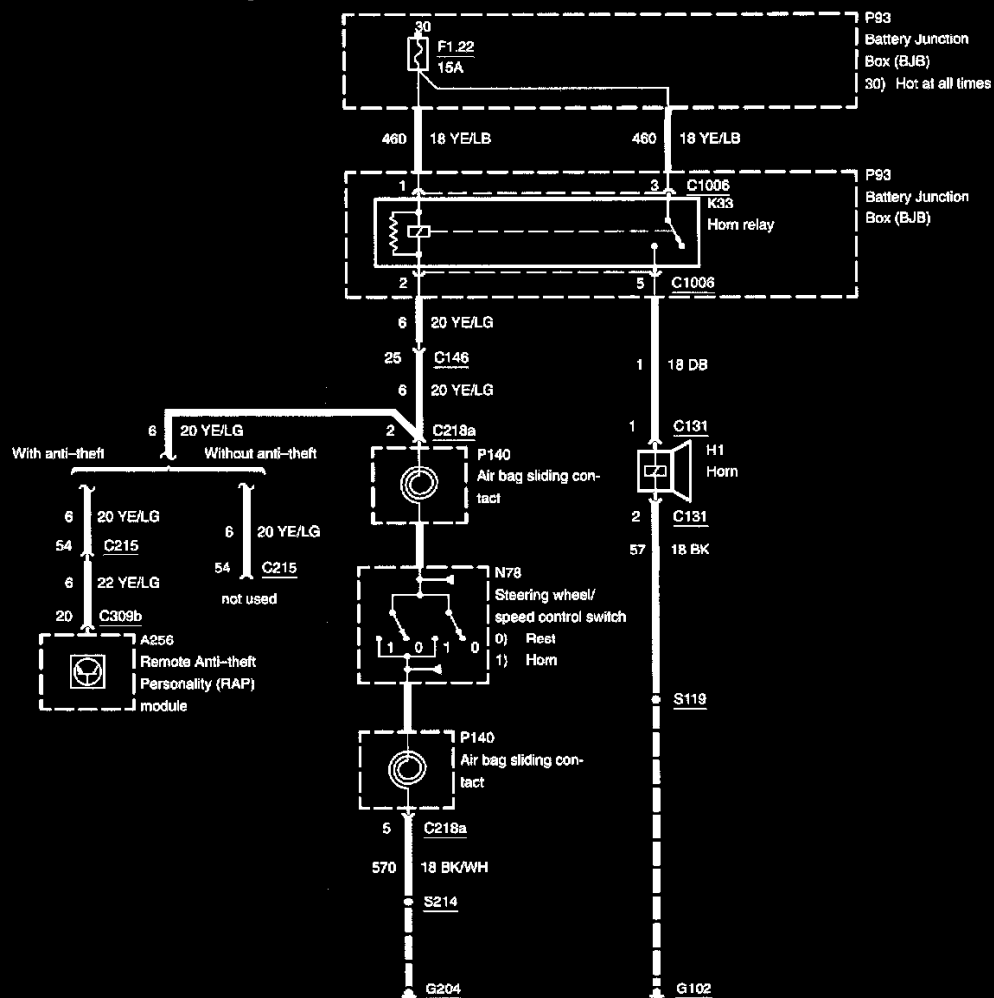
Early production, With speed control

Diagram 413-06-00-2

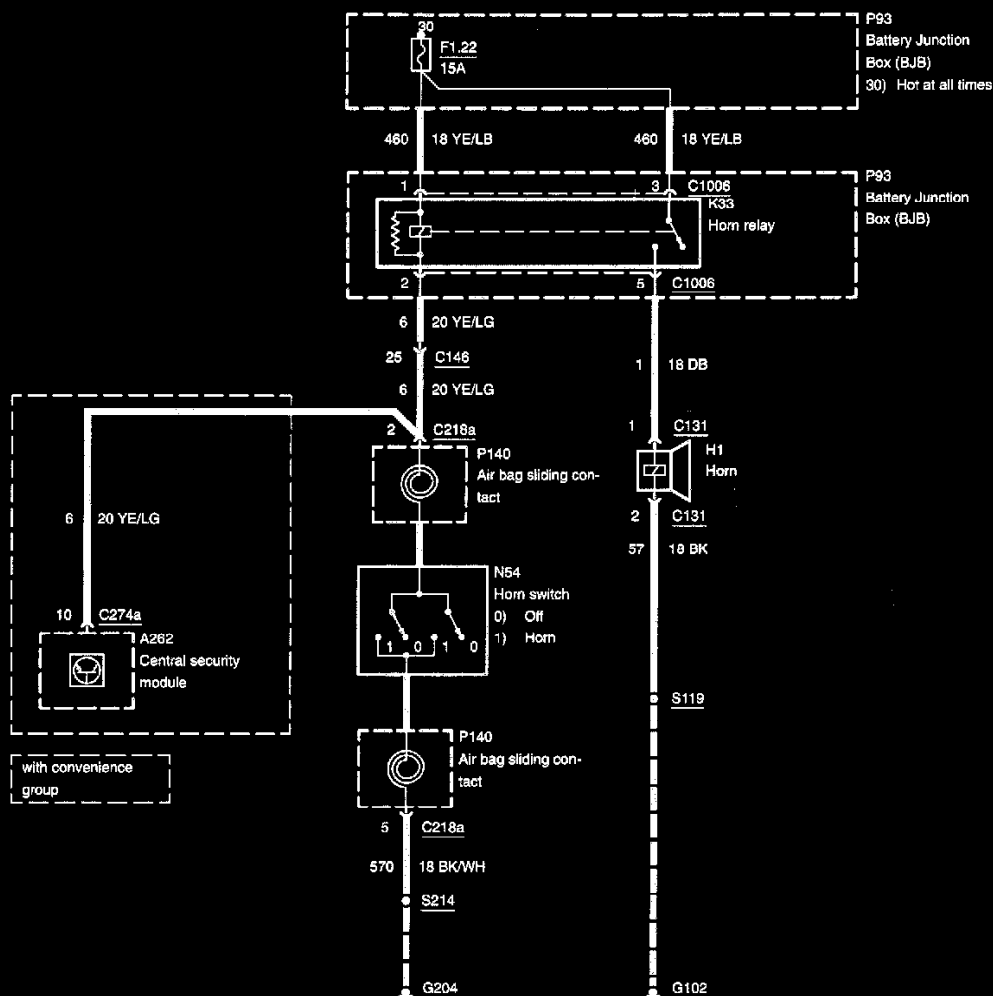
Late production, Without speed control

Diagram 413-06-00-3

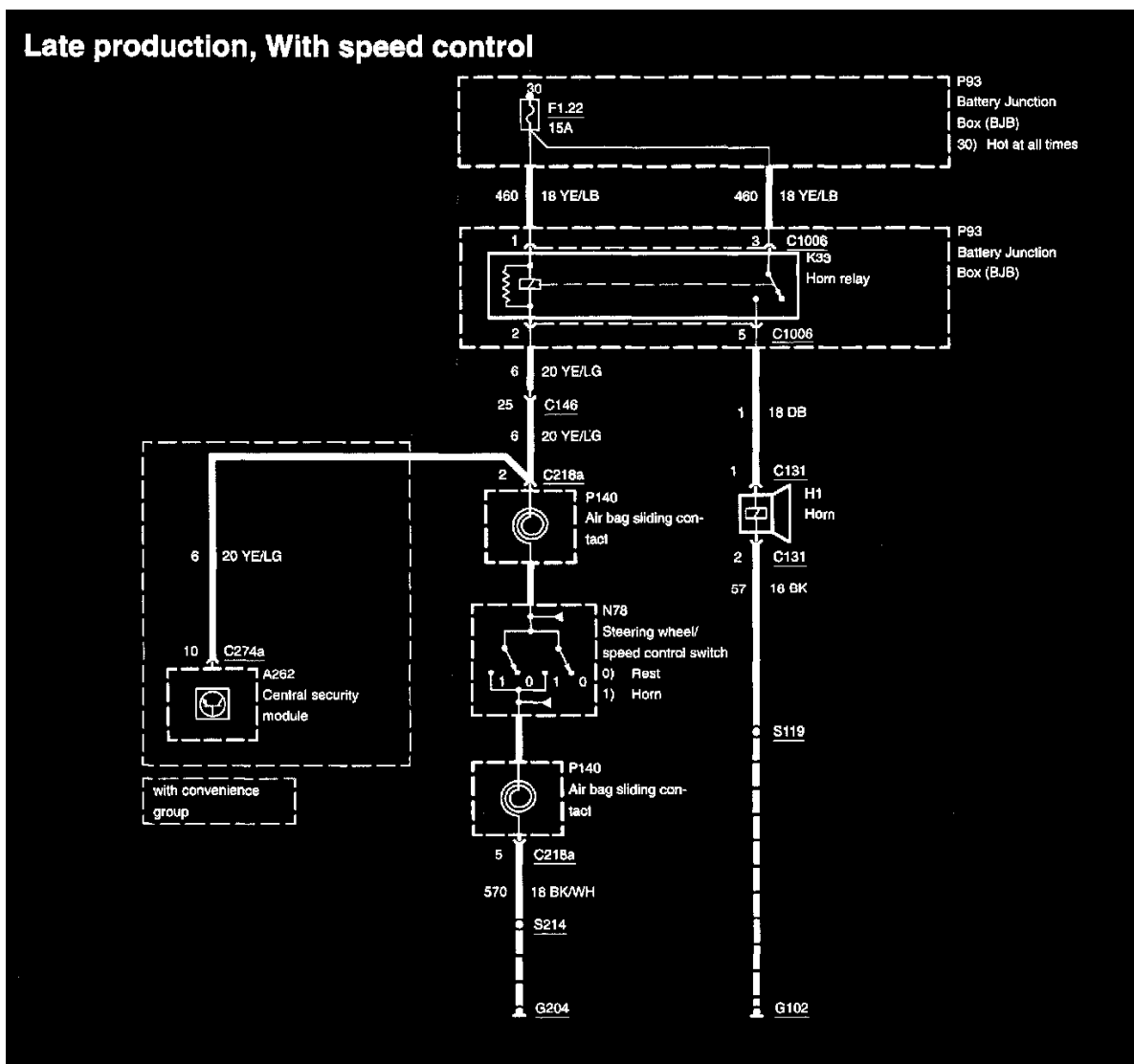


Diagram 413-06-00-4

Power Door Lock Control Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

Electronic Engine Controls

EARLY PRODUCTION MODELS

Early production

Early production

Wiring Diagram Details:

- Top Section:**
 - P91 Central Junction Box (CJB):** Contains fuse F2.19 (25A) and terminal 15 (Hot in start or run).
 - P93 Battery Junction Box (BJB):** Contains terminal 30 (Hot at all times).
- PCM Power Relay (K163):**
 - Coil: 30 (14 YE/BK), 86 (16 DG/YE).
 - Contacts: 87 (14 RD), 85 (18 BK/WH).
- PCM Power Diode (V34):**
 - Terminal 30 (14 YE/BK), 546 (16 DG/YE).
- PCM Power Valve (Y133):**
 - Coil: 361 (14 RD), 1 (20 WH/LB).
 - Terminal 2 (20 WH/LB).
- PCM Power Sensor (B22):**
 - Terminal 39 (20 GY), 743 (20 GY), 6 (20 GY/RD).
- PCM Power Module (A147):**
 - Terminal 39 (20 GY), 743 (20 GY), 6 (20 GY/RD).
- Wiring Connections:**
 - 30 (14 YE/BK) to F1.21 (10A) and F1.7 (30A).
 - 30 (14 YE/BK) to PCM power diode (V34) and PCM power relay (K163).
 - 30 (14 YE/BK) to PCM power valve (Y133) and PCM power sensor (B22).
 - 30 (14 YE/BK) to PCM power module (A147).
 - 30 (14 YE/BK) to PCM power relay (K163) and PCM power diode (V34).
 - 30 (14 YE/BK) to PCM power valve (Y133) and PCM power sensor (B22).
 - 30 (14 YE/BK) to PCM power module (A147).

Diagram 303-14-00-1

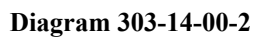


Diagram 303-14-00-3

30
F2.9
7.5A
P91
Central Junction
Box (CJB)
30) Hot at all times



Early production

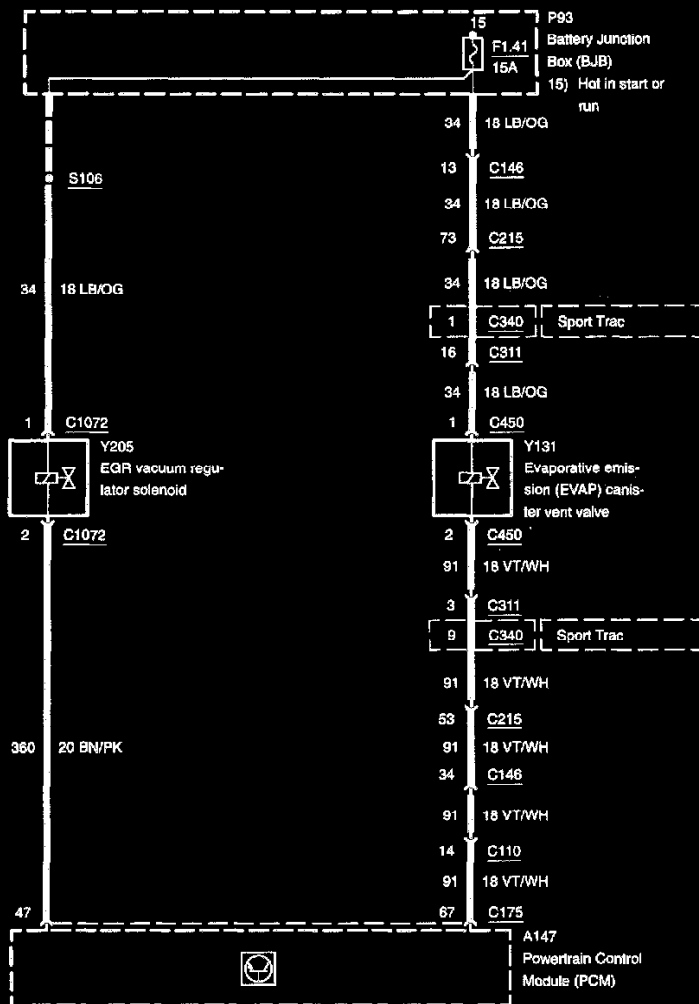


Diagram 303-14-00-5

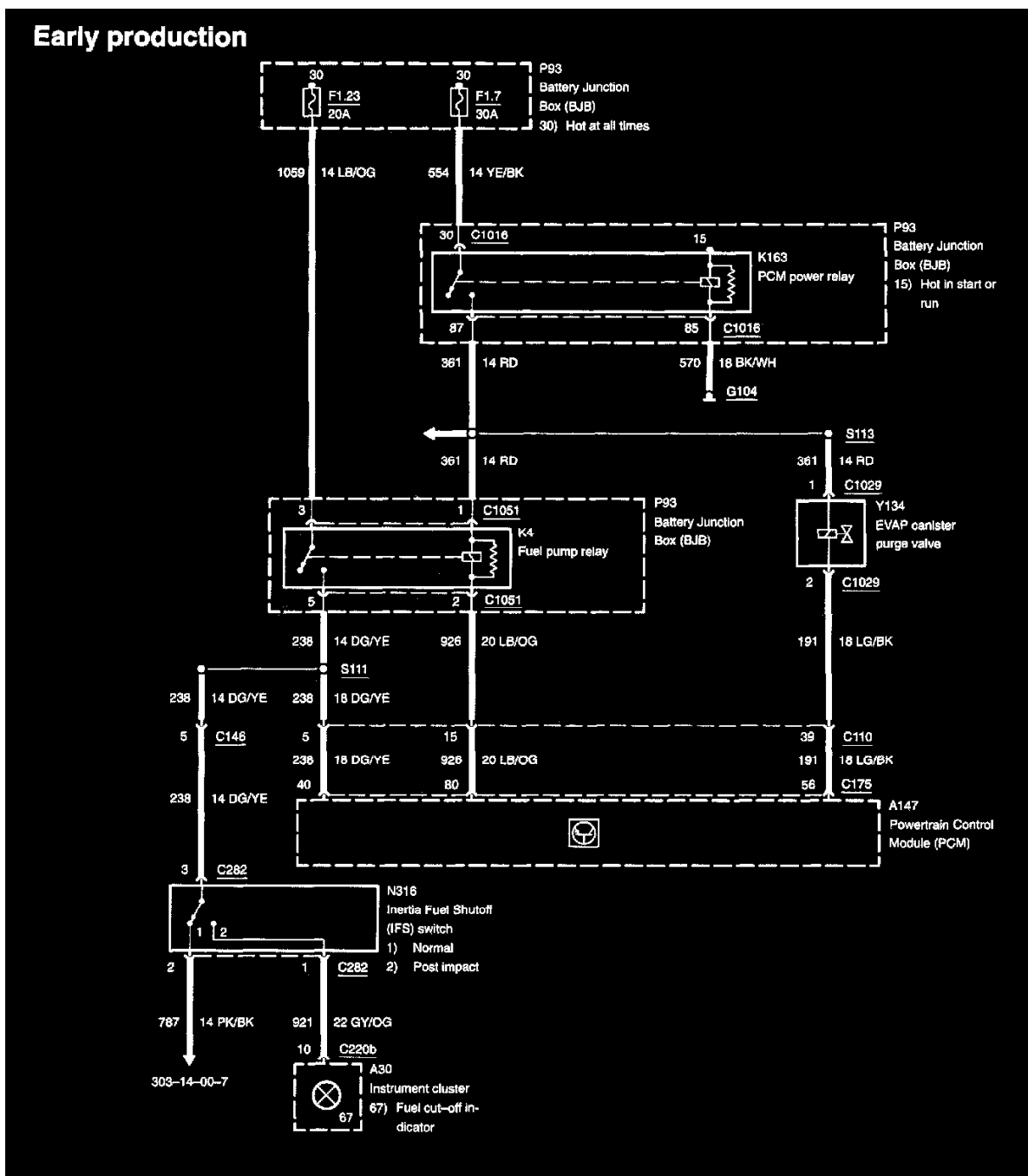


Diagram 303-14-00-6

Early production

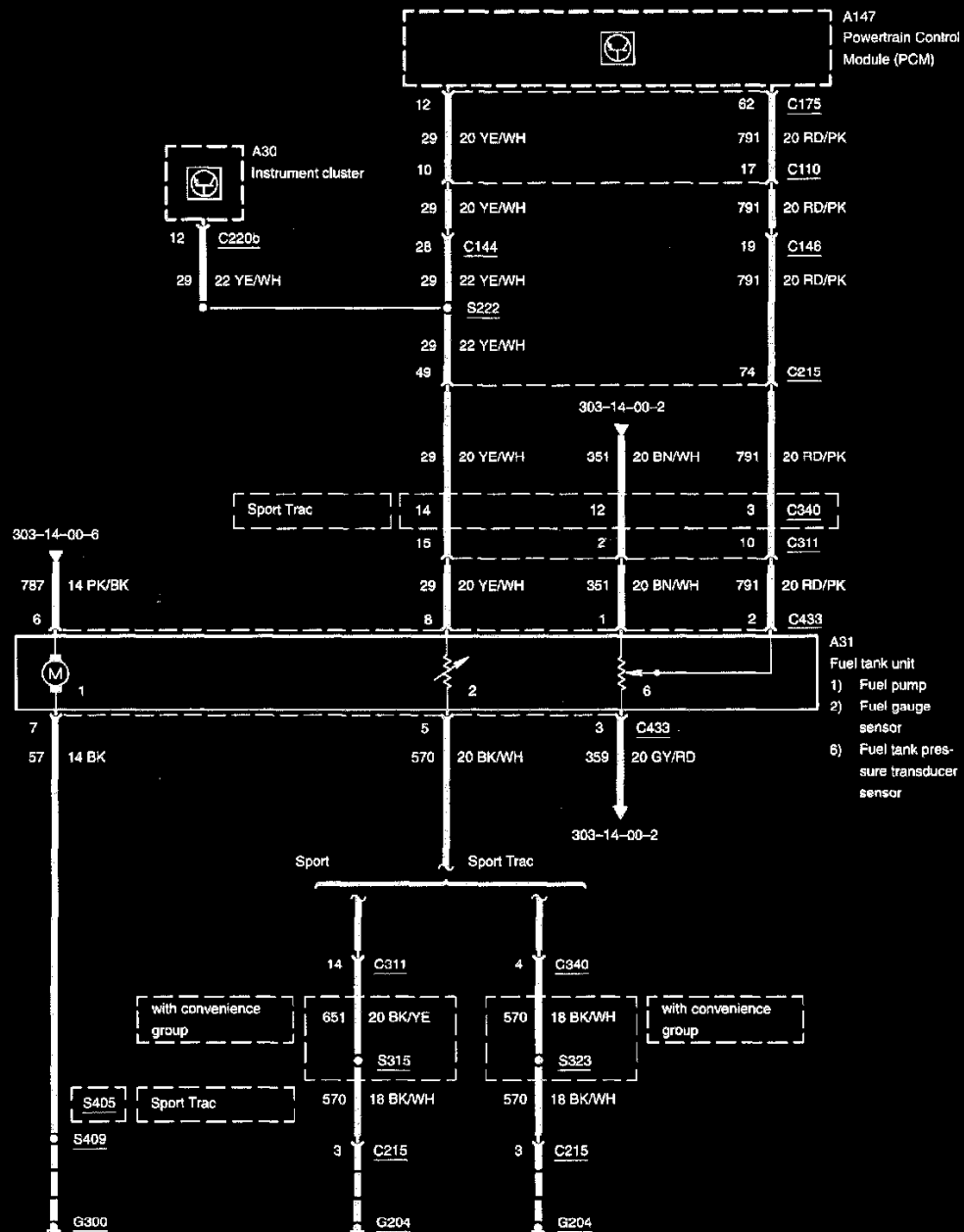


Diagram 303-14-00-7

Early production

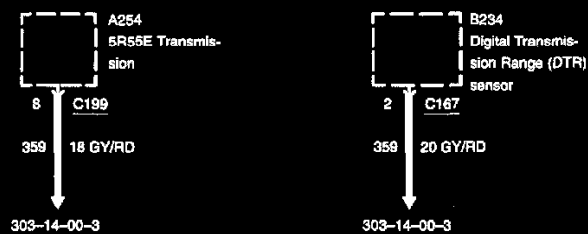


Diagram 303-14-00-8

Diagram 303-14-00-9

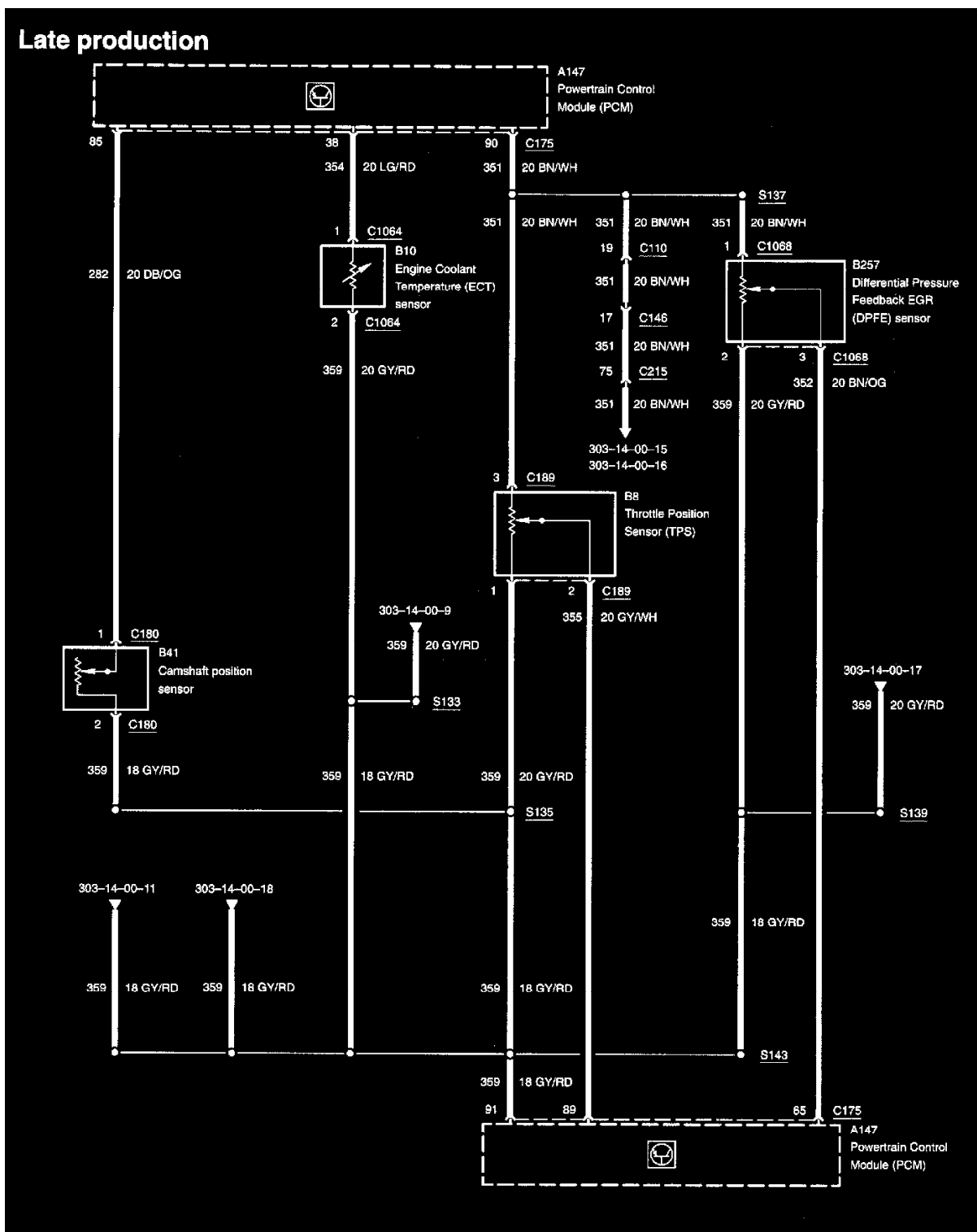


Diagram 303-14-00-10

Late production

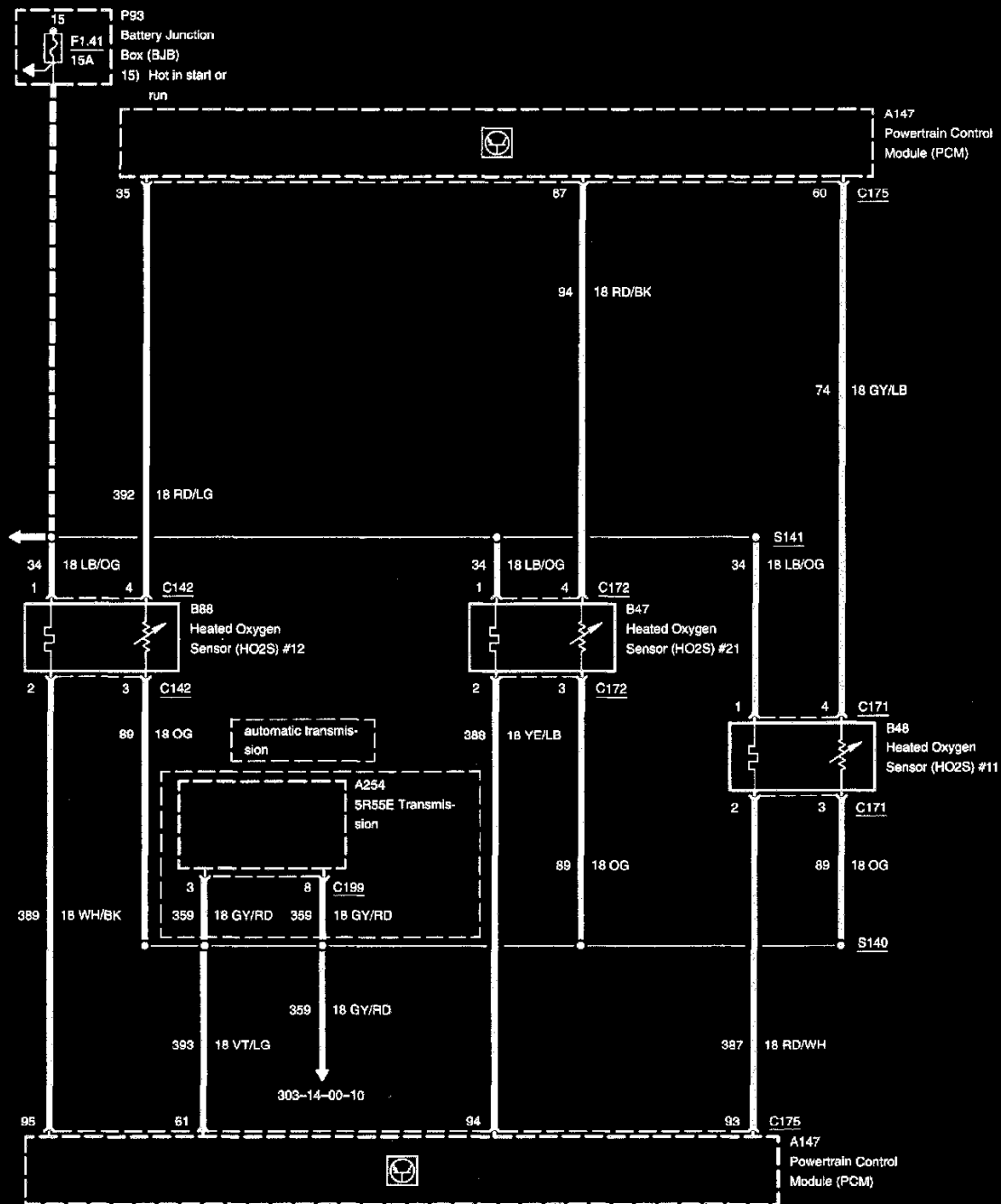


Diagram 303-14-00-11

30 P91 Central Junction Box (CJB)
F2.9 7.5A
30) Hot at all times

22 18 VE
3 C278

N82 Brake pedal position switch
1) Brake pedal depressed forcibly
2) Normal position

2 22 RD/LG 1 C278 22 BK S206
810 57

G200

810 22 RD/LG 12 C281a A255 Four-wheel drive control module
30 C146
810 20 RD/LG

810 20 RD/LG 810 20 RD/LG 1 C2008 Y215 Brake shift interlock
4 C110
810 20 RD/LG 2 C135 A7 ABS control module
92 C175

A147 Powertrain Control Module (PCM)
68 C175
679 20 GY/BK
7 C110
679 20 GY/BK

S116
679 20 GY/BK 679 20 GY/BK
32 C146
679 22 GY/BK

M87 Speed control servo
3 C122

679 22 GY/BK 679 22 GY/BK 679 22 GY/BK 679 22 GY/BK
21 C215 1 C220b A30 Instrument cluster 14 C2100a A112 Generic Electronic Module (GEM) 12 C281b A255 Four-wheel drive control module
679 22 GY/BK 11 C219
679 22 GY/BK
4 C830

A143 Overhead console

with convenience group

automatic transmission

810 22 RD/LG 810 22 RD/LG 810 22 RD/LG
306 22 TN/LB S227
810 22 RD/LG 810 22 RD/LG
303-14-00-17 manual transmission
5 Sport C144
18
306 20 TN/LB
4 C122 M87 Speed control servo

26 C274a A262 Central security module

Diagram 303-14-00-12

Wiring Diagram Details:

- Top Section (Battery Junction Box):**
 - 15: Battery Junction Box (BJB)
 - 15: Hot in start or run
 - F1.41 15A
- Left Side (Vacuum Supply):**
 - 34 18 LB/OG
 - S141
 - 1 C1072
 - Y205 EGR vacuum regulator solenoid
 - 2 C1072
 - 360 20 BN/PK
 - 47
- Right Side (Electrical Control):**
 - 34 18 LB/OG
 - 13 C146
 - 34 18 LB/OG
 - 73 C215
 - 34 18 LB/OG
 - 1 C340 Sport Trac
 - 16 C311
 - 34 18 LB/OG
 - 1 C450
 - Y131 Evaporative emission (EVAP) canister vent valve
 - 2 C450
 - 91 18 VT/WH
 - 3 C311
 - 9 C340 Sport Trac
 - 91 18 VT/WH
 - 53 C215
 - 91 18 VT/WH
 - 34 C146
 - 91 18 VT/WH
 - 14 C110
 - 91 18 VT/WH
 - 67 C175
 - A147 Powertrain Control Module (PCM)

Diagram 303-14-00-13

Late production

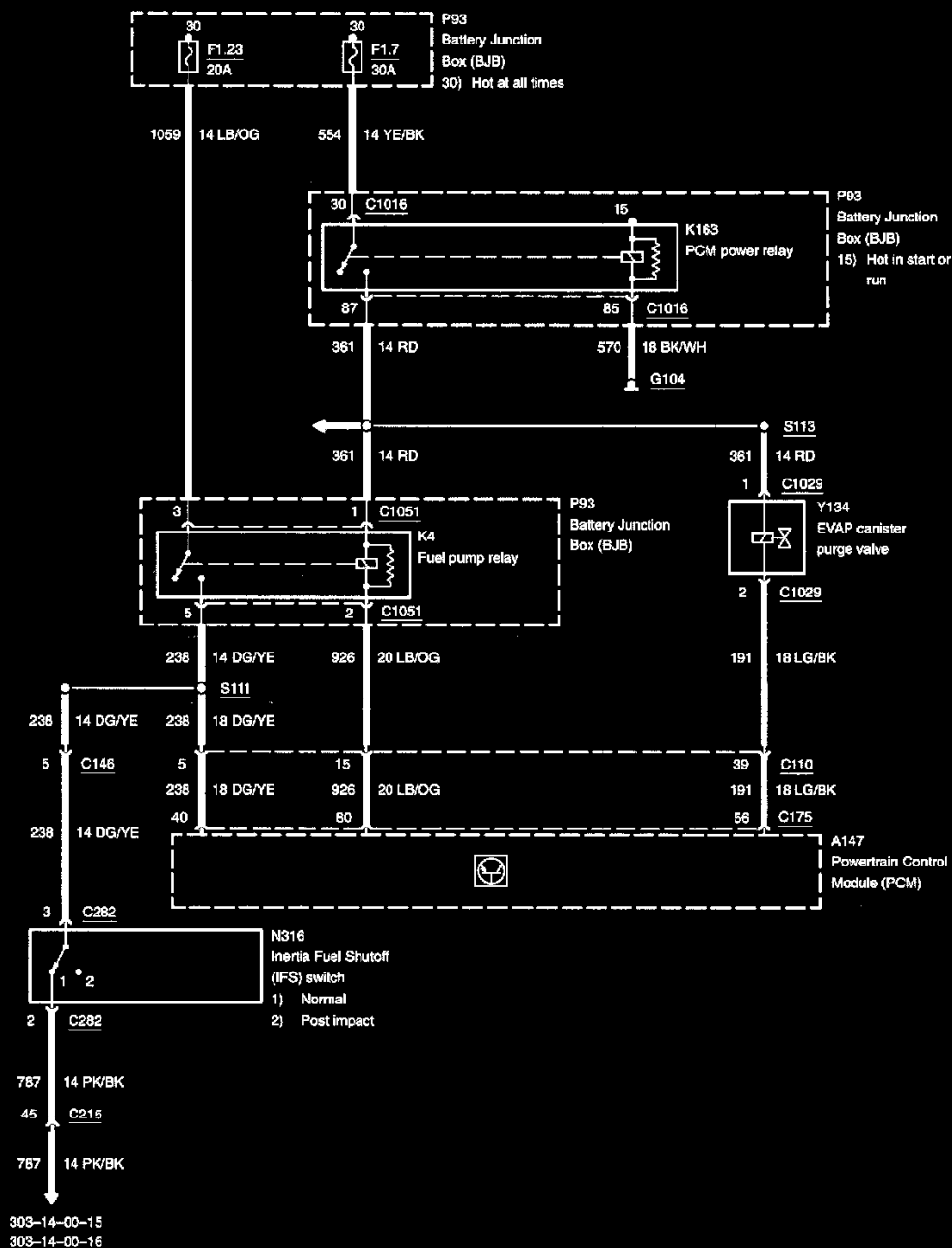


Diagram 303-14-00-14

Late production

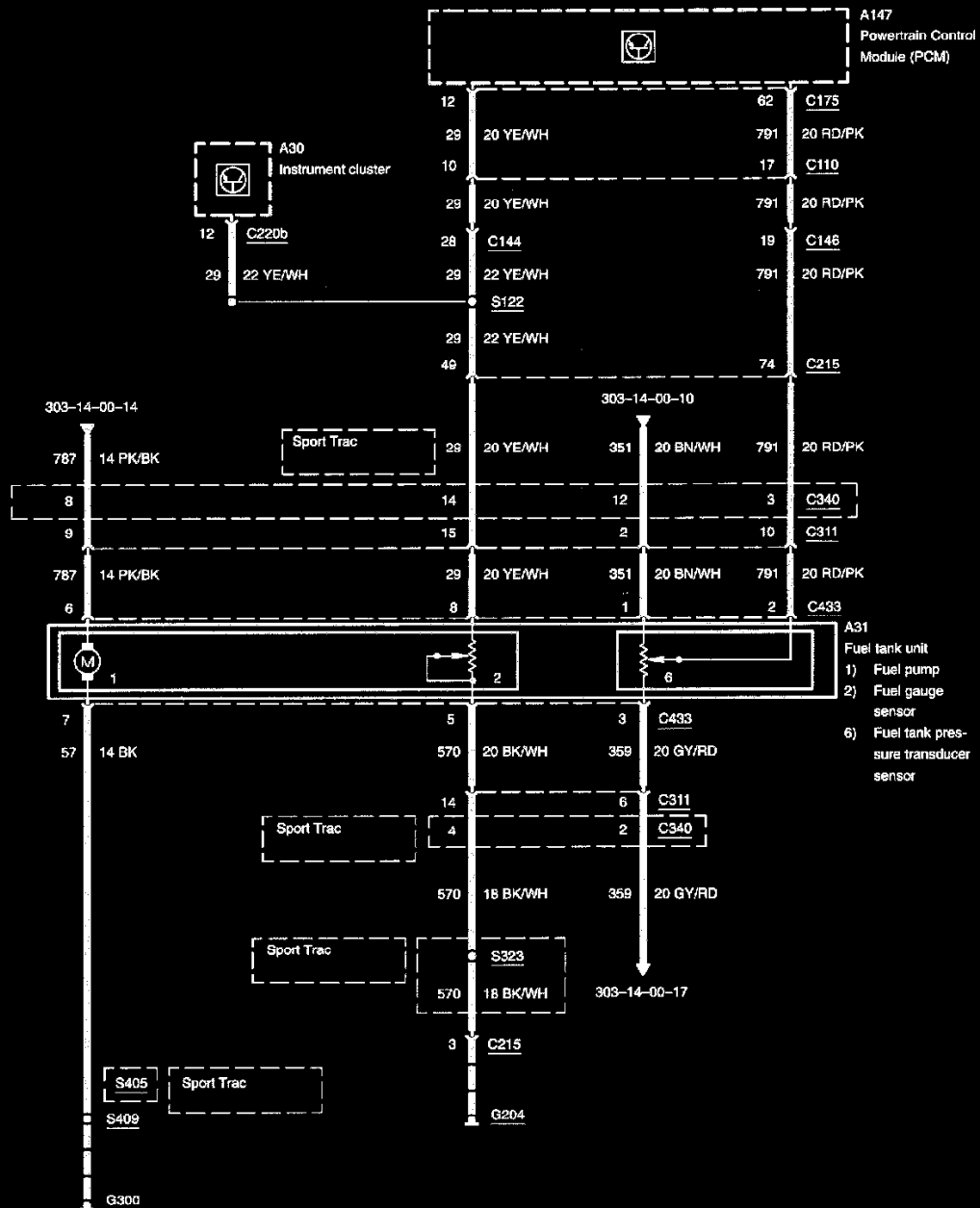


Diagram 303-14-00-15

Late production, Flex fuel

P91 Central Junction Box (CJB)
15) Hot in start or run

A30 Instrument cluster

A147 Powertrain Control Module (PCM)

A31 Fuel tank unit
1) Fuel pump
2) Fuel gauge sensor
6) Fuel tank pressure transducer sensor
7) Flex fuel sender module

Wiring Details:

- 15) Hot in start or run
- 12 20 RD/YE
- 11
- 640 20 RD/YE
- 12 20 RD/YE
- 640 20 RD/YE
- 2 20 RD/YE
- 4 20 BK/WH
- 14 18 BK/WH
- 570 18 BK/WH
- 3
- 6204
- 12 20 YE/WH
- 29 20 YE/WH
- 28 20 YE/WH
- 29 20 YE/WH
- 29 20 YE/WH
- 49 20 YE/WH
- 303-14-00-14
- 787 14 PK/BK
- 9 14 PK/BK
- 787 14 PK/BK
- 3 14 PK/BK
- 7
- 57 14 BK
- S409
- G300
- 12 20 YE/WH
- 29 20 YE/WH
- 28 20 YE/WH
- 29 20 YE/WH
- 29 20 YE/WH
- 49 20 YE/WH
- 303-14-00-10
- 351 20 BN/WH
- 2 20 BN/WH
- 351 20 BN/WH
- 1 20 BN/WH
- 6
- 359 20 GY/RD
- 6 20 GY/RD
- 359 20 GY/RD
- 303-14-00-17
- 62 C175
- 791 20 RD/PK
- 17 C110
- 791 20 RD/PK
- 19 C146
- 791 20 RD/PK
- 74 C215
- 791 20 RD/PK
- 10 C311
- 791 20 RD/PK
- 5 C4033
- 6 C4033
- 359 20 GY/RD
- 6 C311
- 359 20 GY/RD

Diagram 303-14-00-16

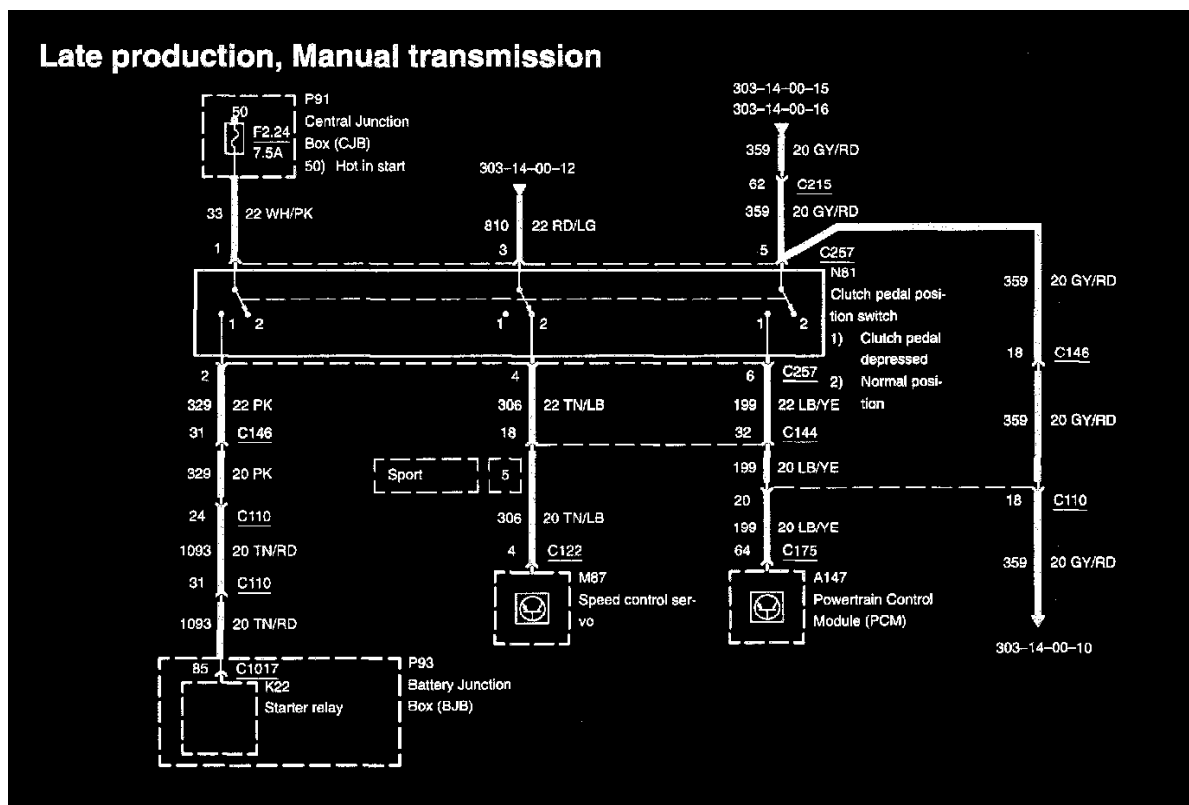


Diagram 303-14-00-17

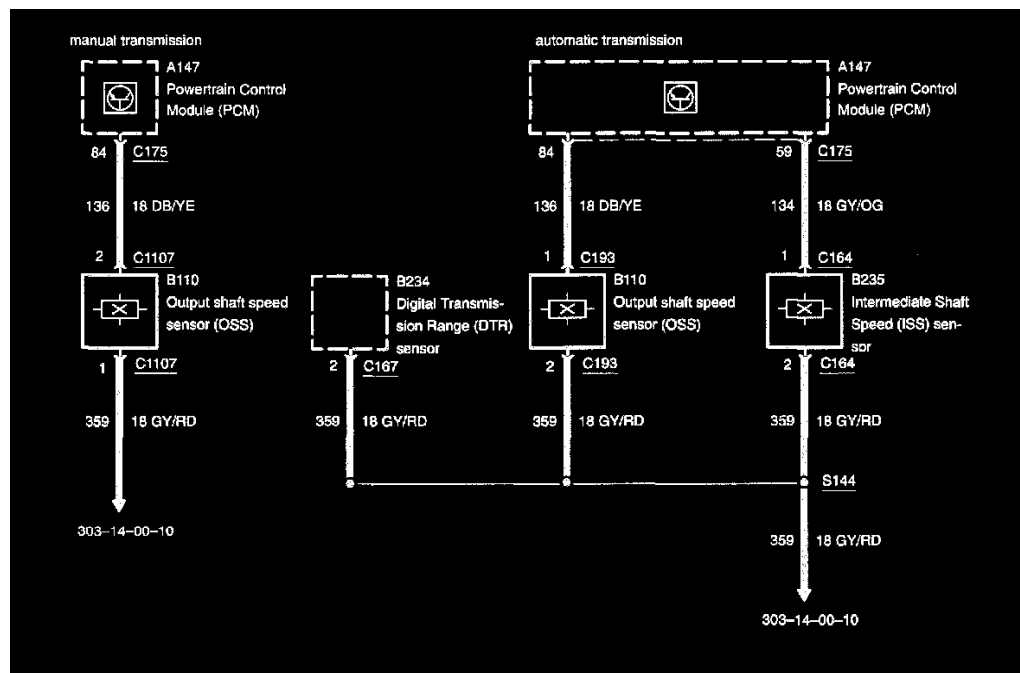


Diagram 303-14-00-18

Engine Ignition

DETAILED DIAGRAMS

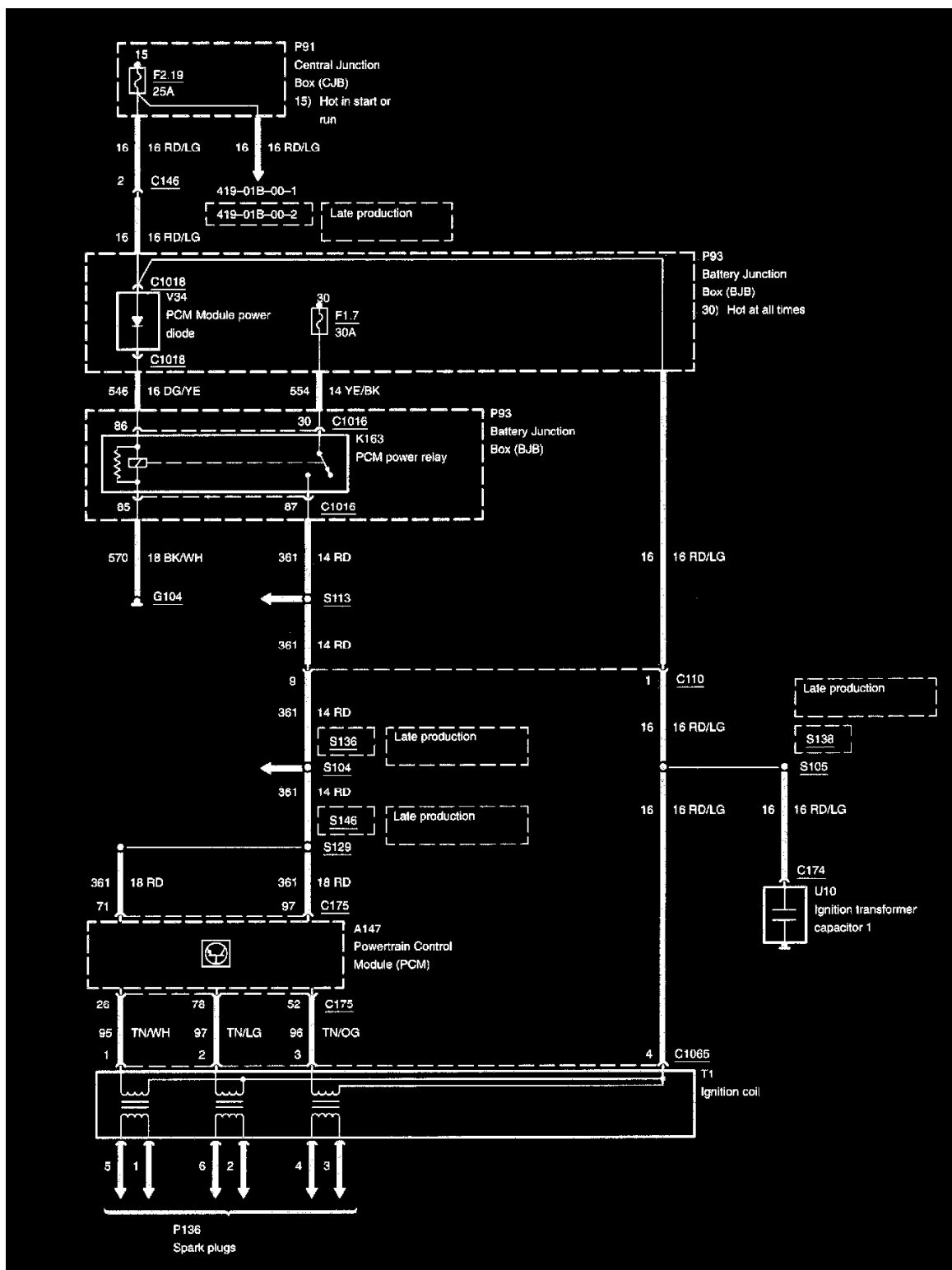


Diagram 303-07-00-1

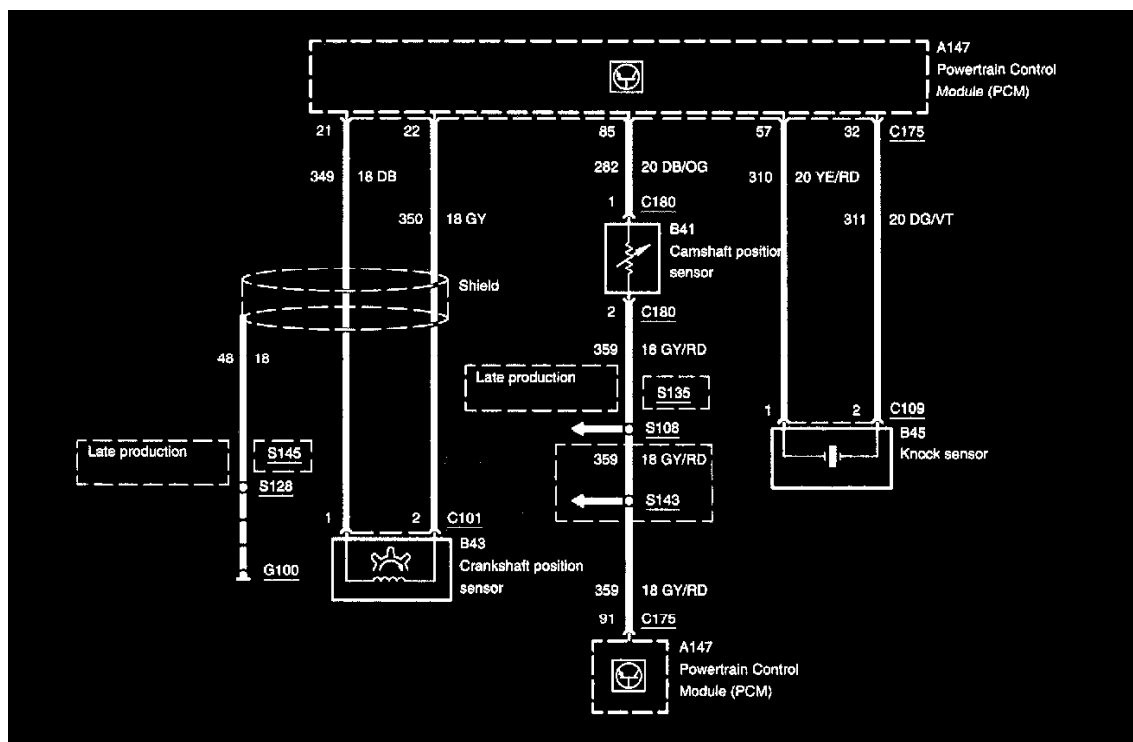


Diagram 303-07-00-2

RELATED DIAGRAMS

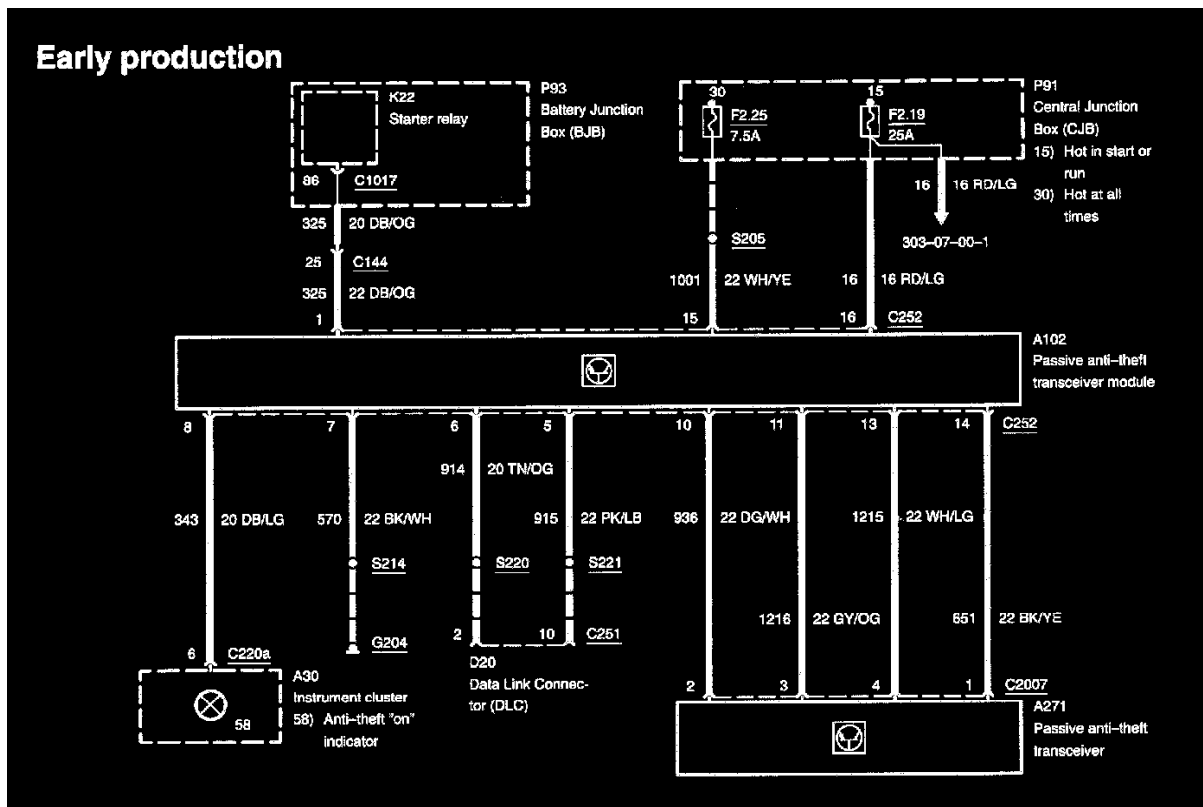


Diagram 419-01b-00-1

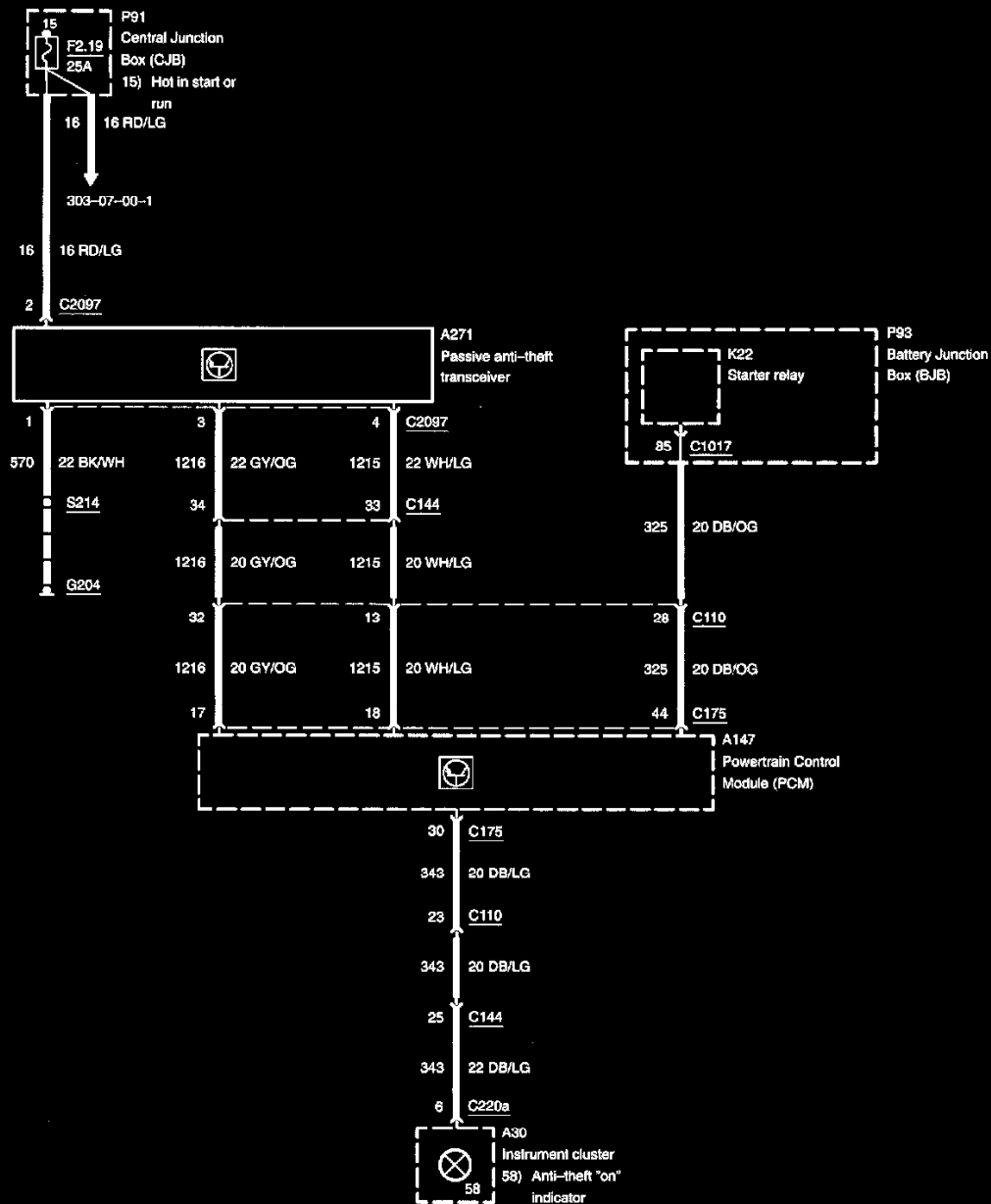
Late production

Diagram 419-01b-00-2

Early production

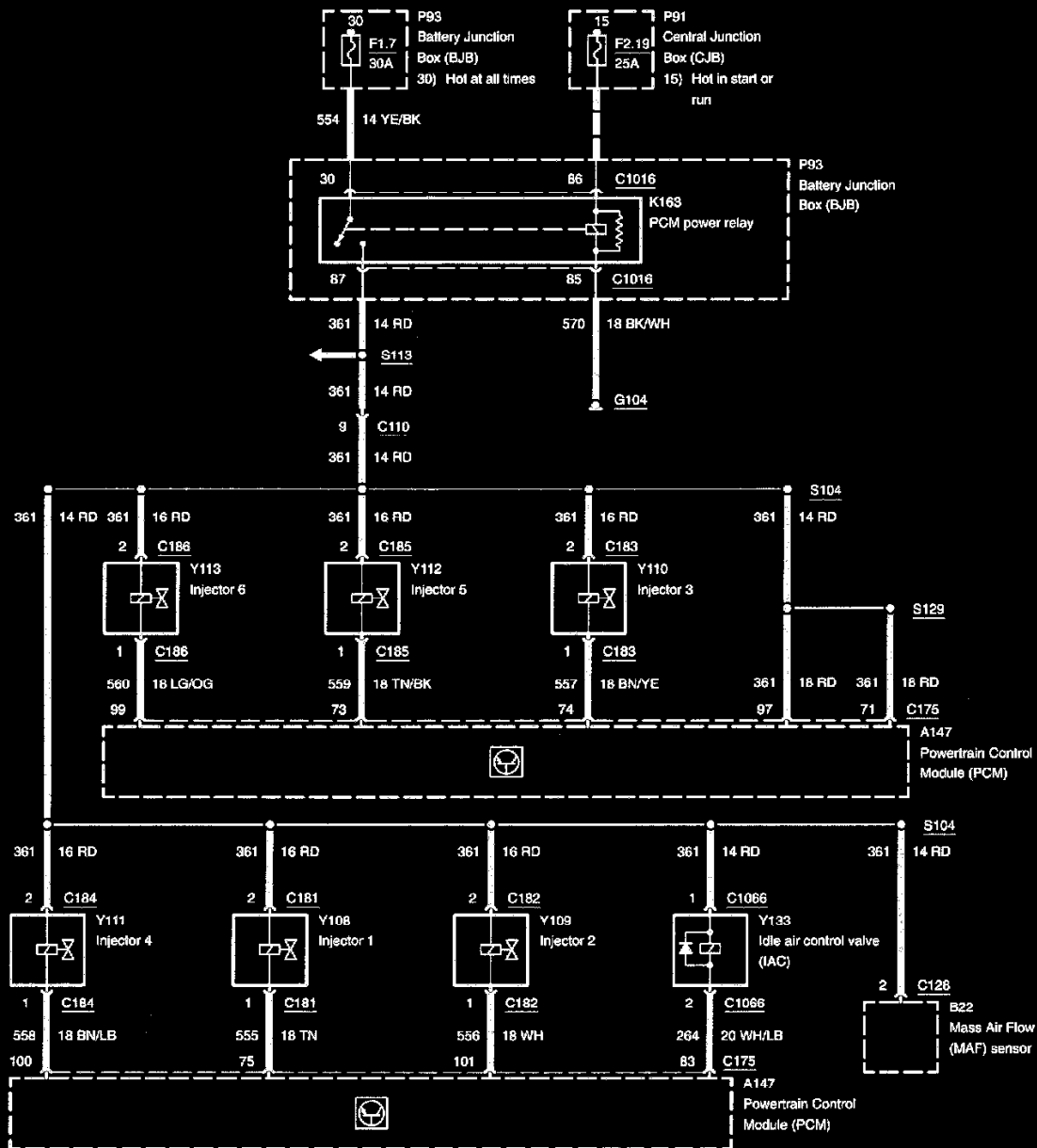


Diagram 303-04-00-1

Late production

The diagram illustrates the electrical system for the late production engine, showing the connections between the Battery Junction Box (BJB), Central Junction Box (CJB), PCM power relay, injectors, and the Mass Air Flow (MAF) sensor.

Legend:

- P93 Battery Junction Box (BJB) 30) Hot at all times
- P91 Central Junction Box (CJB) 15) Hot in start or run

Wiring Details:

- PCM power relay:** K163, C1016, 86, 85, 570, 18 BK/WH, G104.
- Injectors:** Y113 (Injector 6), Y112 (Injector 5), Y111 (Injector 4), Y110 (Fuel Injector 3), Y108 (Injector 1), Y109 (Injector 2).
- MAF sensor:** B22, C128.
- PCM:** A147 Powertrain Control Module (PCM).

Wiring Connections:

- 30 14 YE/BK
- 30 14 RD
- 361 14 RD
- 9 C110
- 361 14 RD
- 361 16 RD
- 2 C186
- Y113 Injector 6
- 1 C186
- 560 18 LG/OG
- 361 14 RD
- 99
- 361 16 RD
- 2 C185
- Y112 Injector 5
- 1 C185
- 559 18 TN/BK
- 73
- 361 16 RD
- 2 C184
- Y111 Injector 4
- 1 C184
- 55 18 BN/LB
- 100
- 361 14 RD
- 1 C1066
- Y113 Idle air control valve (IAC)
- 2 C1066
- 264 20 WH/LB
- 83
- 97
- 71 C175
- 361 14 RD
- S136
- 361 14 RD
- S129
- 361 18 RD
- 361 16 RD
- 2 C183
- Y110 Fuel Injector 3
- 1 C183
- 557 18 BN/YE
- 74
- 361 16 RD
- 2 C181
- Y108 Injector 1
- 1 C181
- 555 18 TN
- 75
- 361 16 RD
- 2 C182
- Y109 Injector 2
- 1 C182
- 556 18 WH
- 101 C175
- 361 14 RD
- S134
- 361 14 RD
- 2 C128
- B22 Mass Air Flow (MAF) sensor
- A147 Powertrain Control Module (PCM)

Diagram 303-04-00-2

System Diagram

For wiring diagrams refer to Powertrain Management/Diagrams/Electrical. See: Powertrain Management/Diagrams/Electrical Diagrams

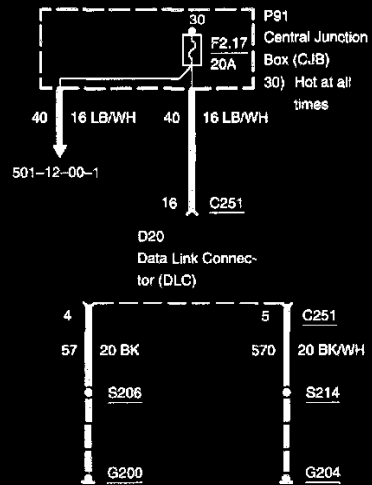
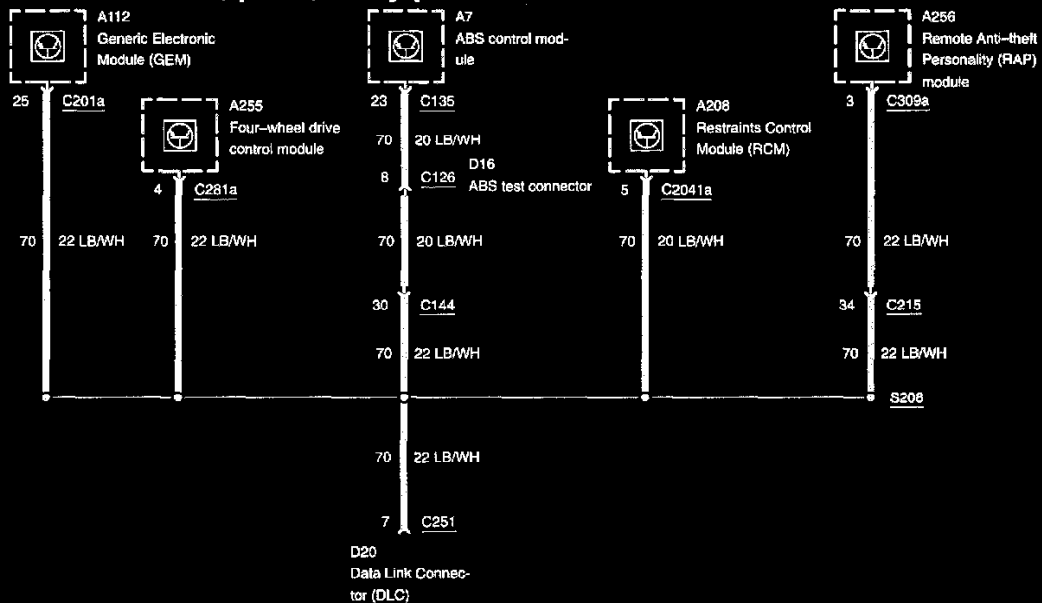
Data Link Connector

For further information regarding this component please refer to:

Module Communications Network (Information Bus). See: Powertrain Management/Computers and Control Systems/Module Communication Network/Diagrams/Electrical Diagrams

Information Bus

DETAILED DIAGRAMS

Data Link Connector, pins 4, 5 and 16**Diagram 418-00-00-1****Data Link Connector, pin 7, Early production****Diagram 418-00-00-2**

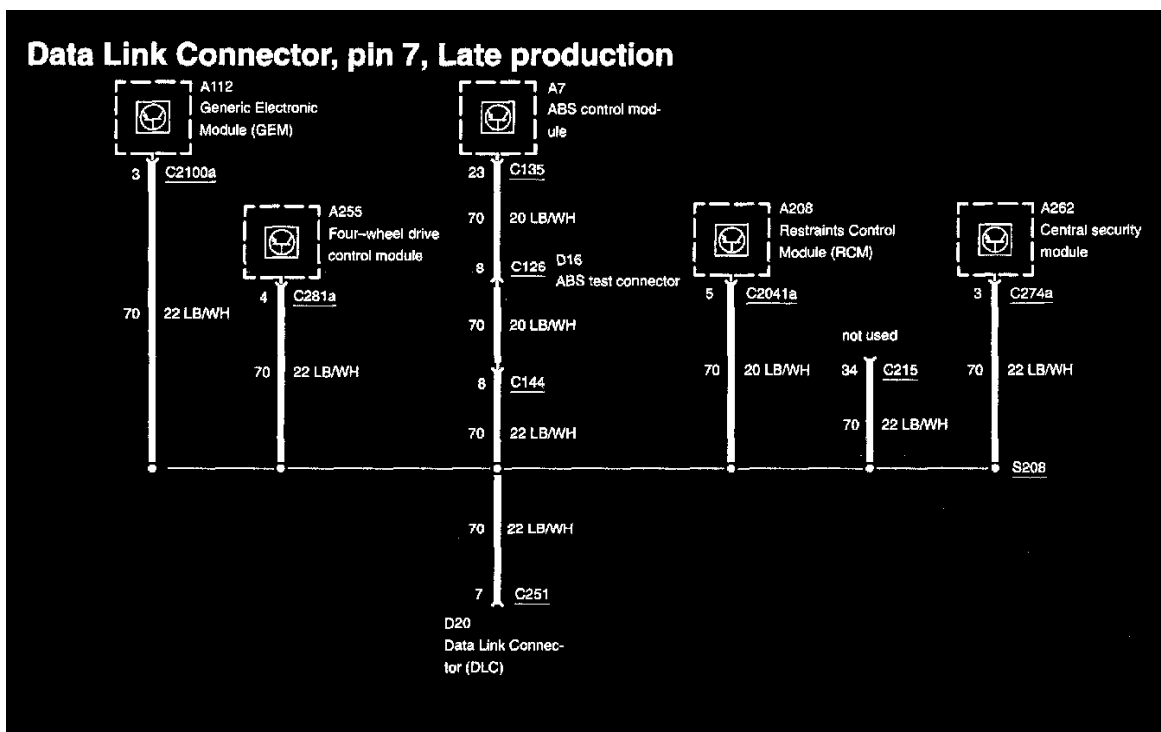


Diagram 418-00-00-3

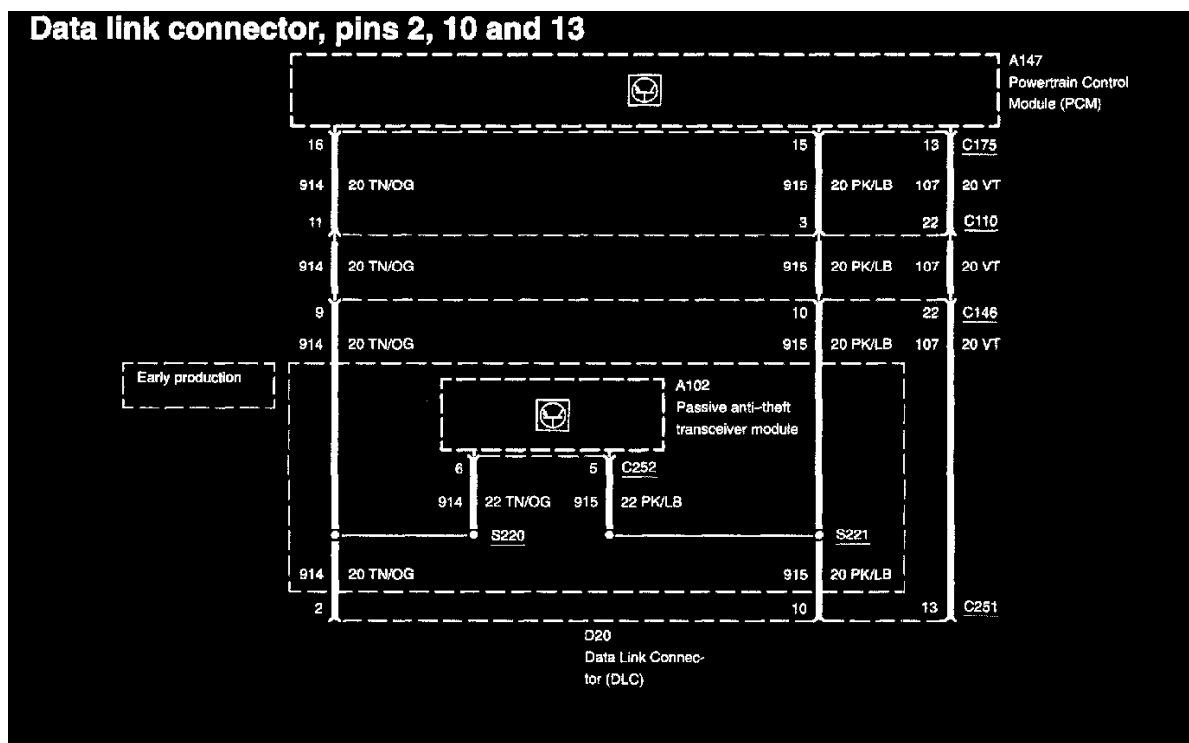


Diagram 418-00-00-4



Diagram 418-00-00-5

RELATED DIAGRAM

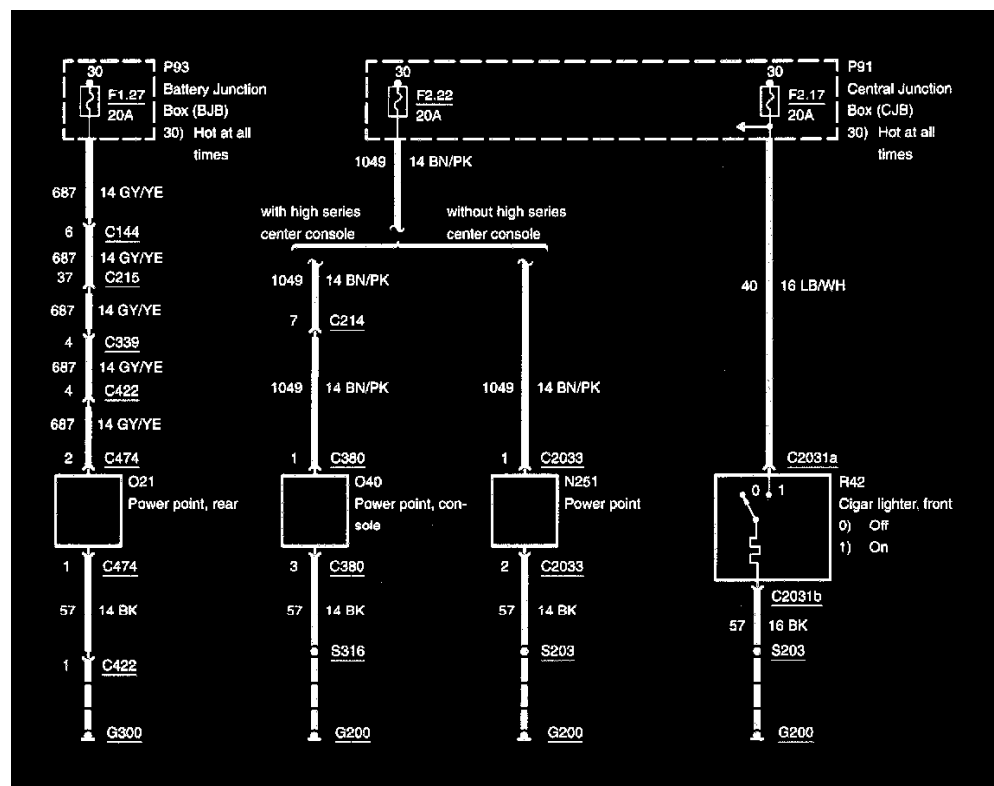


Diagram 501-12-00-1

Oxygen Sensor

For further information regarding this component and the system that it is a part of please refer to Powertrain Management/Diagrams See: Powertrain Management/Diagrams/Electrical Diagrams

Emission Control Systems

For wiring diagrams, refer to Powertrain Management/Diagrams/Electrical. See: Powertrain Management/Diagrams/Electrical Diagrams

Ignition System DETAILED DIAGRAMS

Ignition System DETAILED DIAGRAMS



Diagram 303-07-00-1

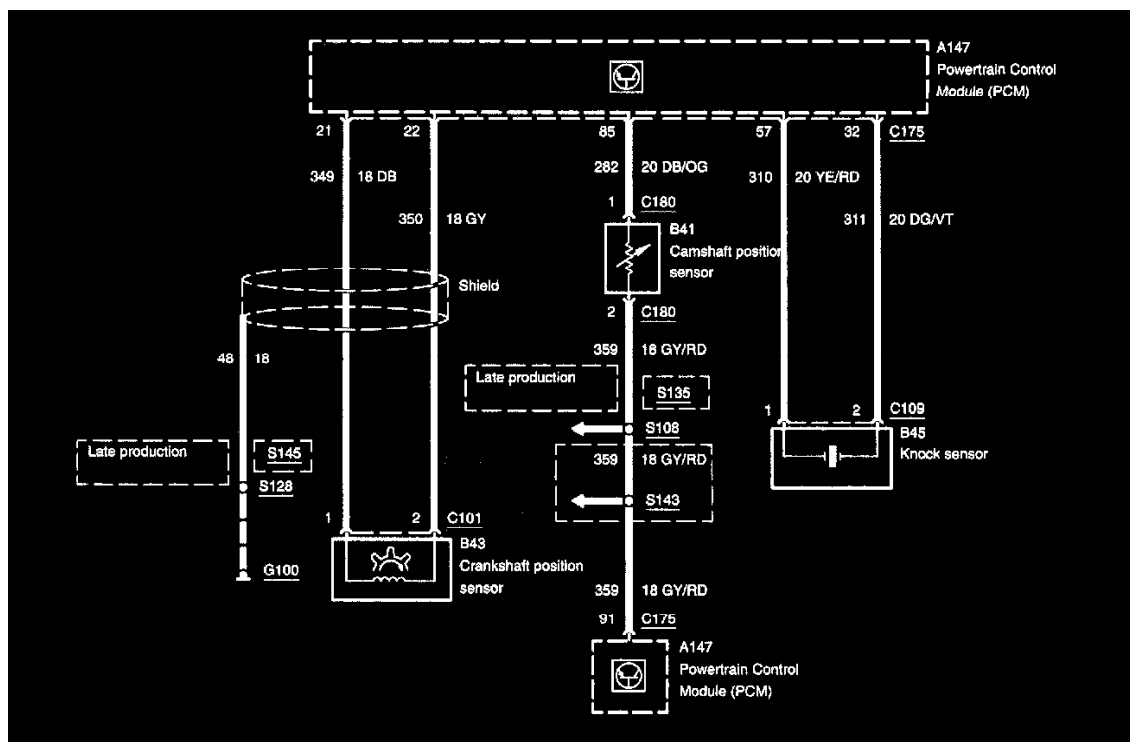


Diagram 303-07-00-2

RELATED DIAGRAMS

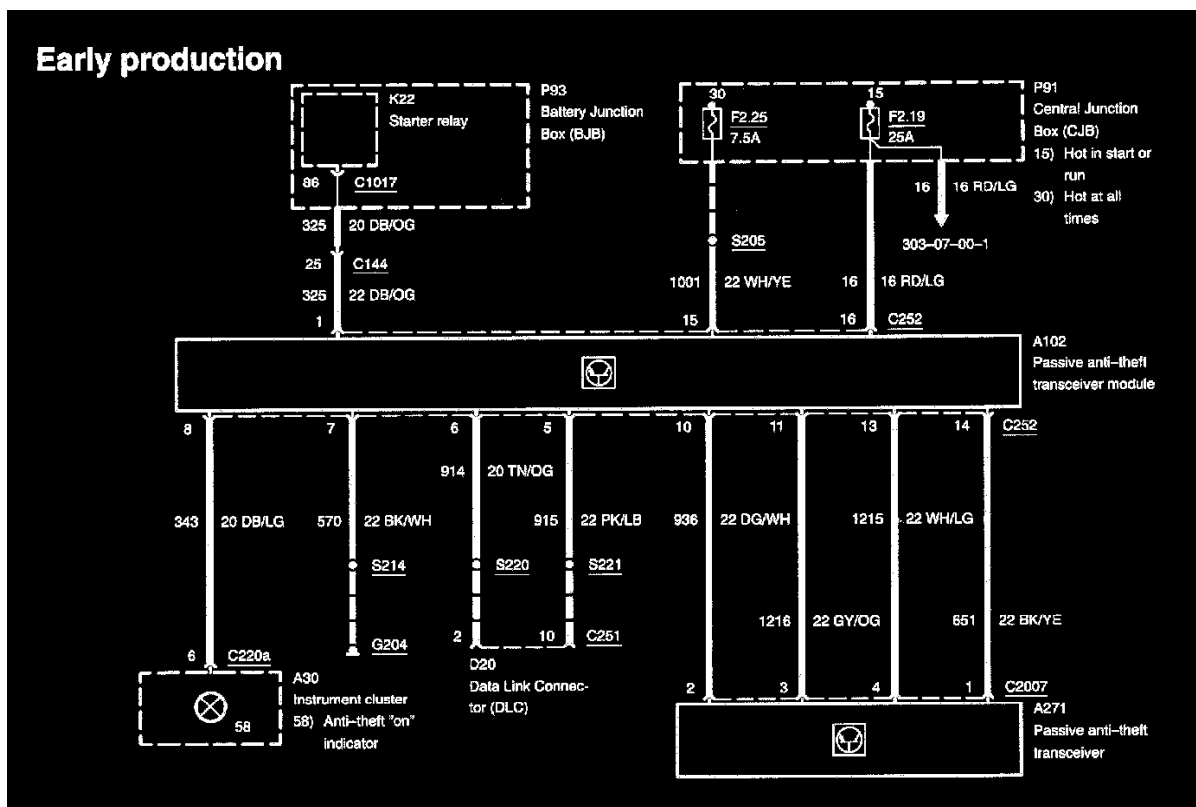


Diagram 419-01b-00-1

Late production

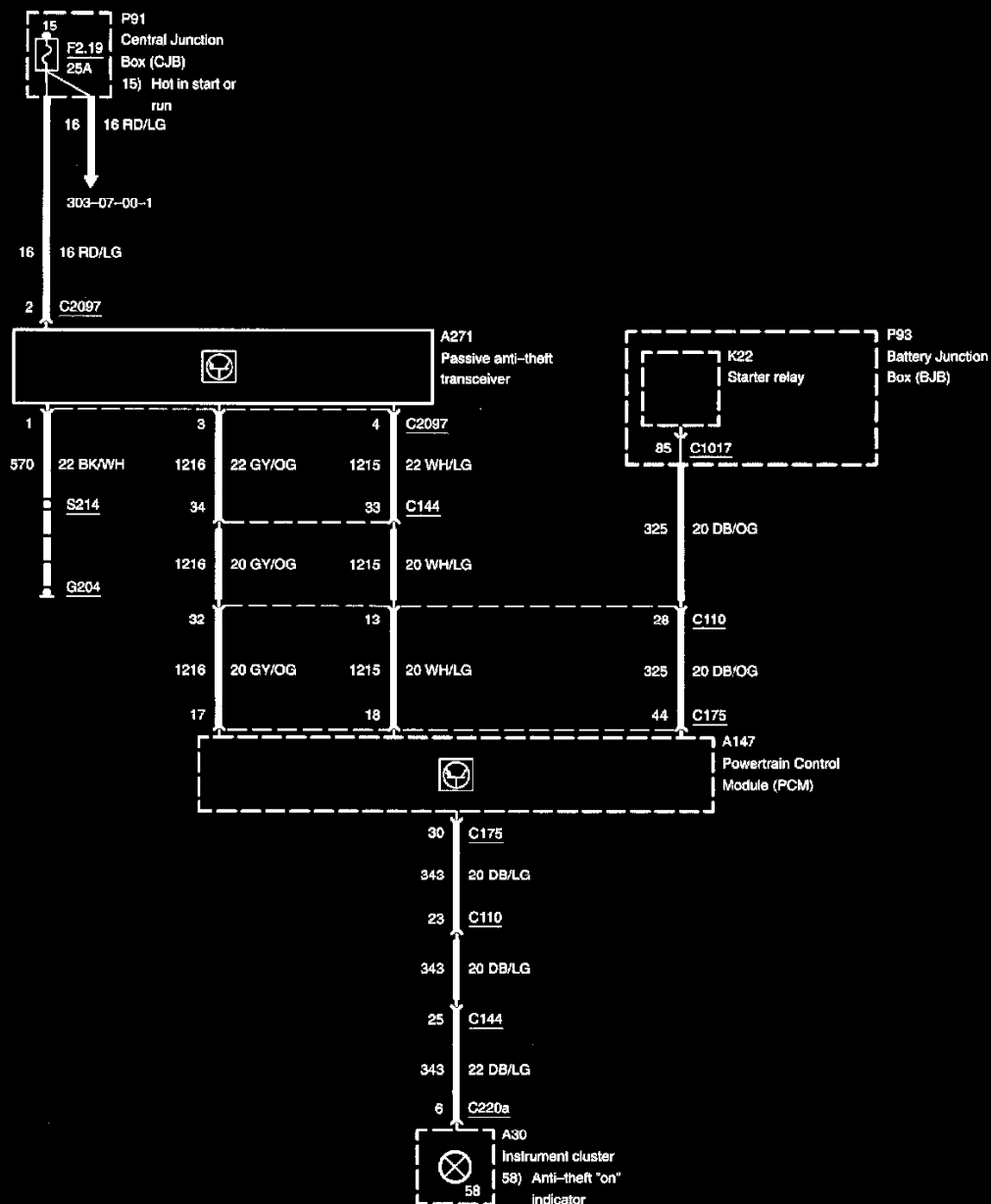


Diagram 419-01b-00-2



Early production

Early production

Antenna: A151 Antenna

Central Junction Box (CJB): P91 Central Junction Box (CJB)
 30) Hot at all times
 50) Hot in start
 75) Hot in run or accessory

Radio: A11 Radio

Control Panel: P87 Rear Integrated Control Panel (RICP)

Subwoofer amplifier: A14 Subwoofer amplifier

Speakers: S206, S316, G200, G202, G203

Wiring Details:

- Antenna to Radio:** 413-00-00-6, 413-00-00-3, 235, 22 RD/BK, 1, 3, 1000, 20 RD/BK, 137, 20 YE/BK, 797, 16 LG/VT, C290a
- Radio to Speakers:** 2, 57, 22 BK, 11, 694, 20 BK/LG, 16, 594, 16 BK/LG, C290a, S206, G200, G203
- Radio to Control Panel:** 729, 20 RD/WH, 2, C214, 729, 20 RD/WH, 16, C349, P87, 7, 57, 22 BK, 694, 20 BK/LG, S316, G200
- Control Panel to Subwoofer:** 6, C349, 20 BK/LG, 3, C213, 694, 20 BK/LG, G202
- Subwoofer to Speakers:** 797, 16 LG/VT, 9, C210, 797, 16 LG/VT, 6, C466, A14, 2, C466, 694, 16 BK/LG, 1, C210, 694, 16 BK/LG, G202

Diagram 415-00-00-1

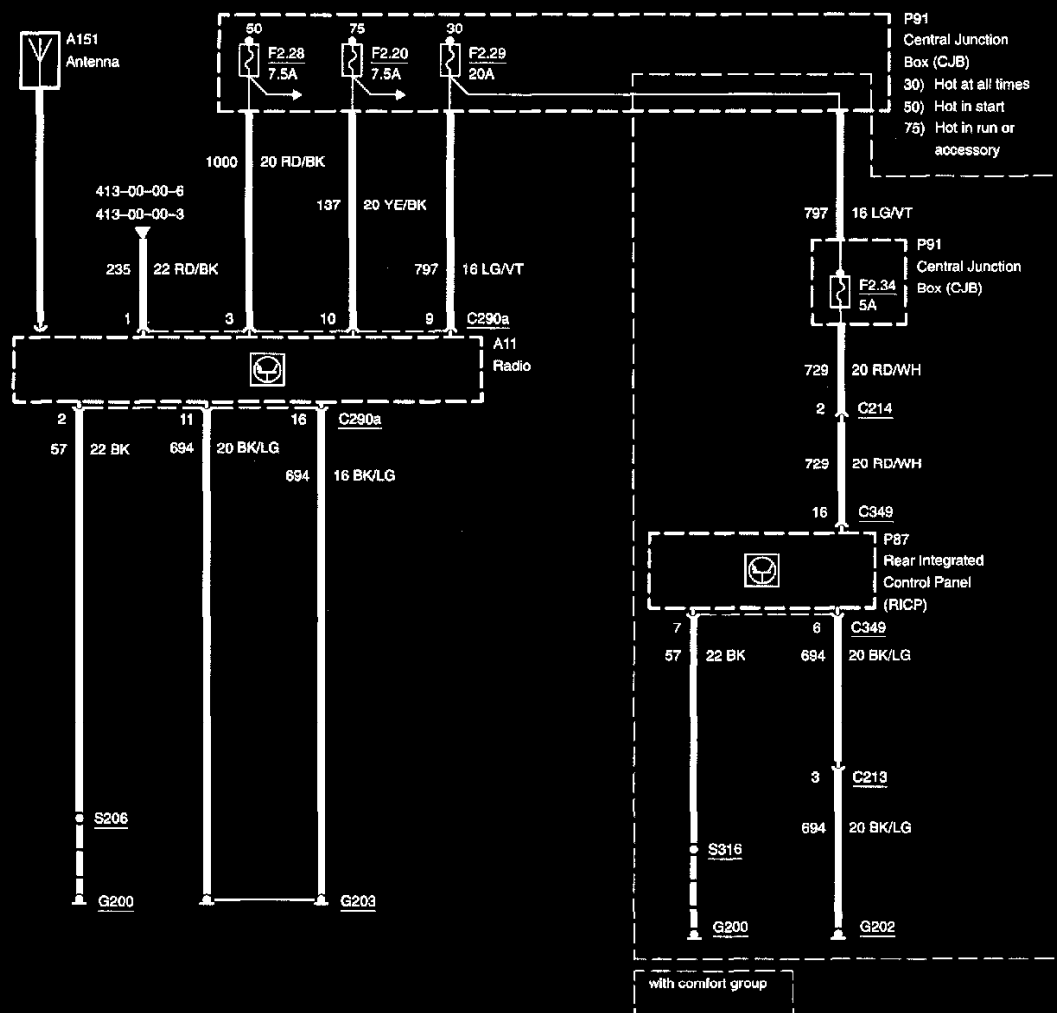
Late production

Diagram 415-00-00-2

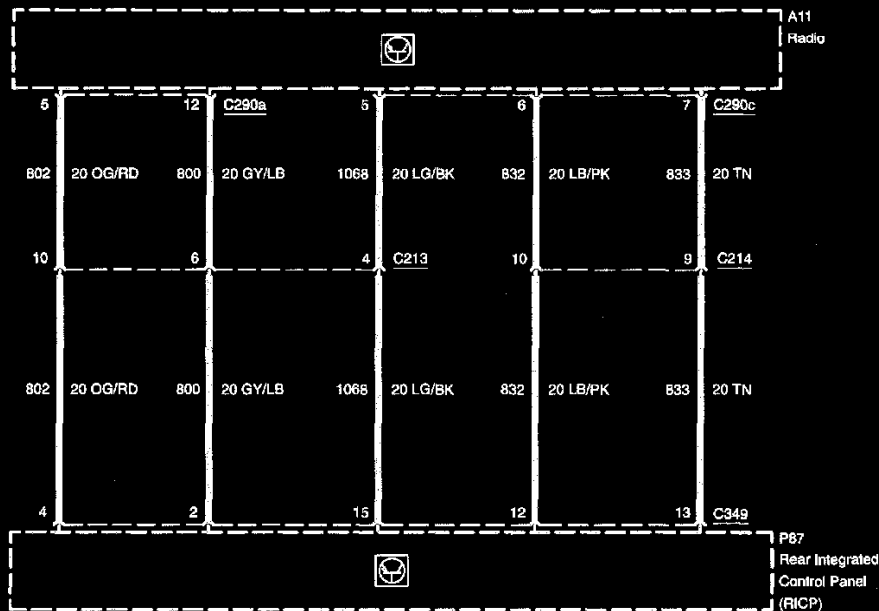
With high series center console

Diagram 415-00-00-3

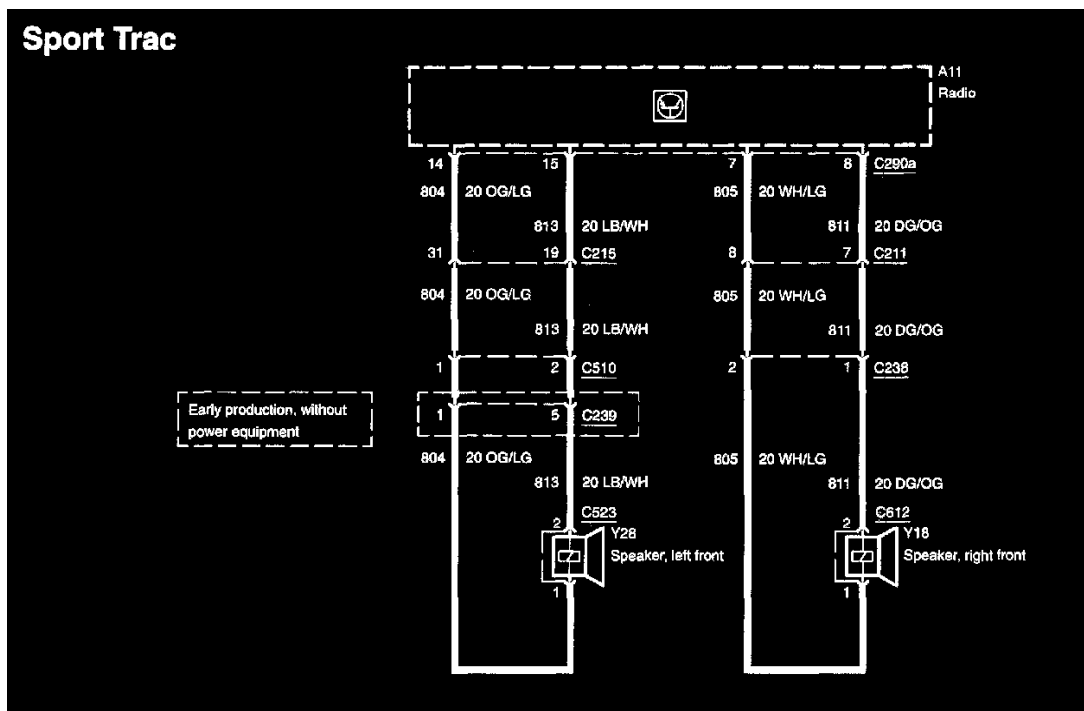


Diagram 415-00-00-5

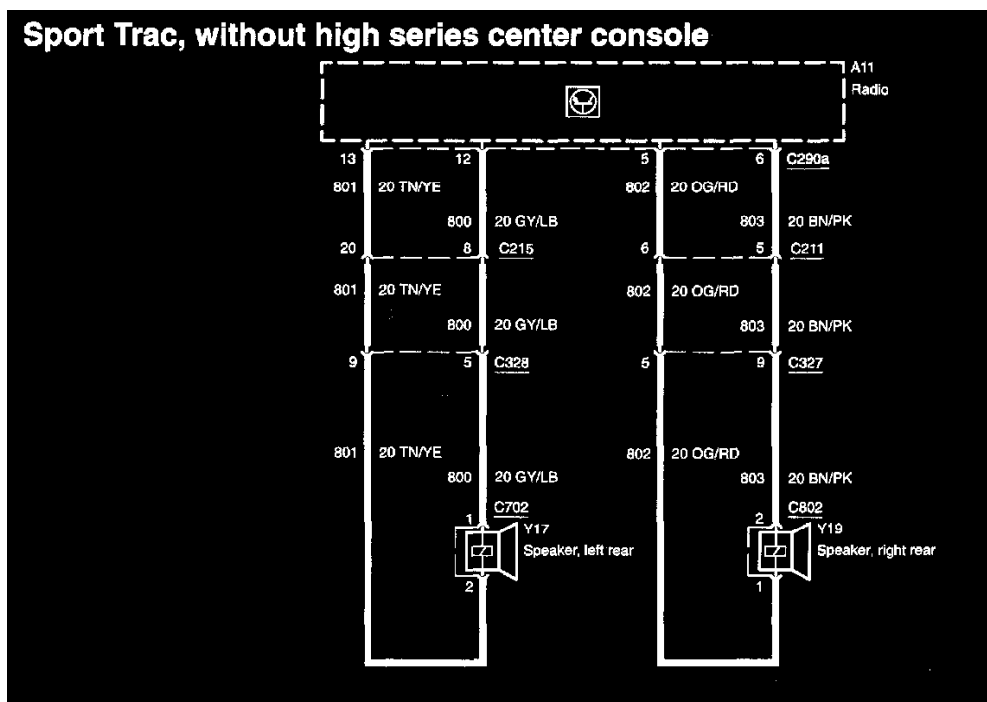


Diagram 415-00-00-6

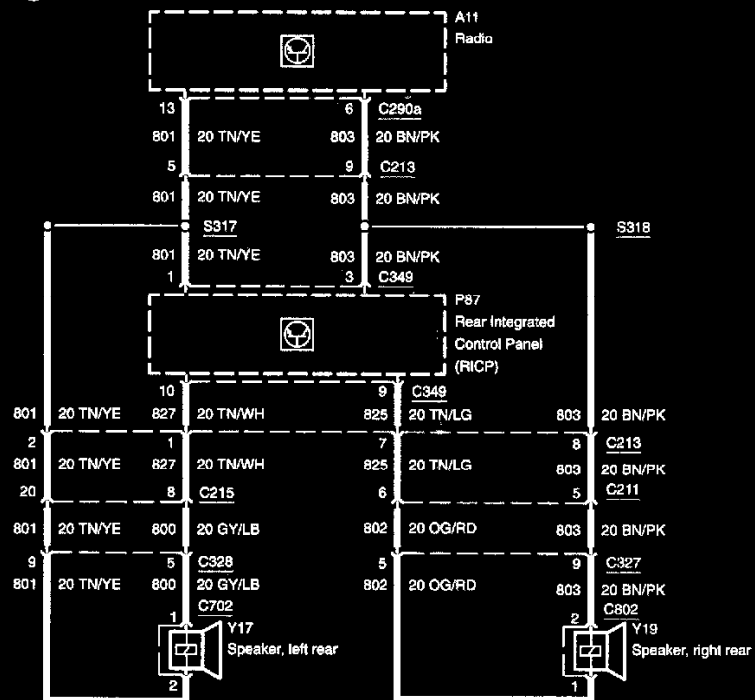
Sport Trac, with high series center console

Diagram 415-00-00-9

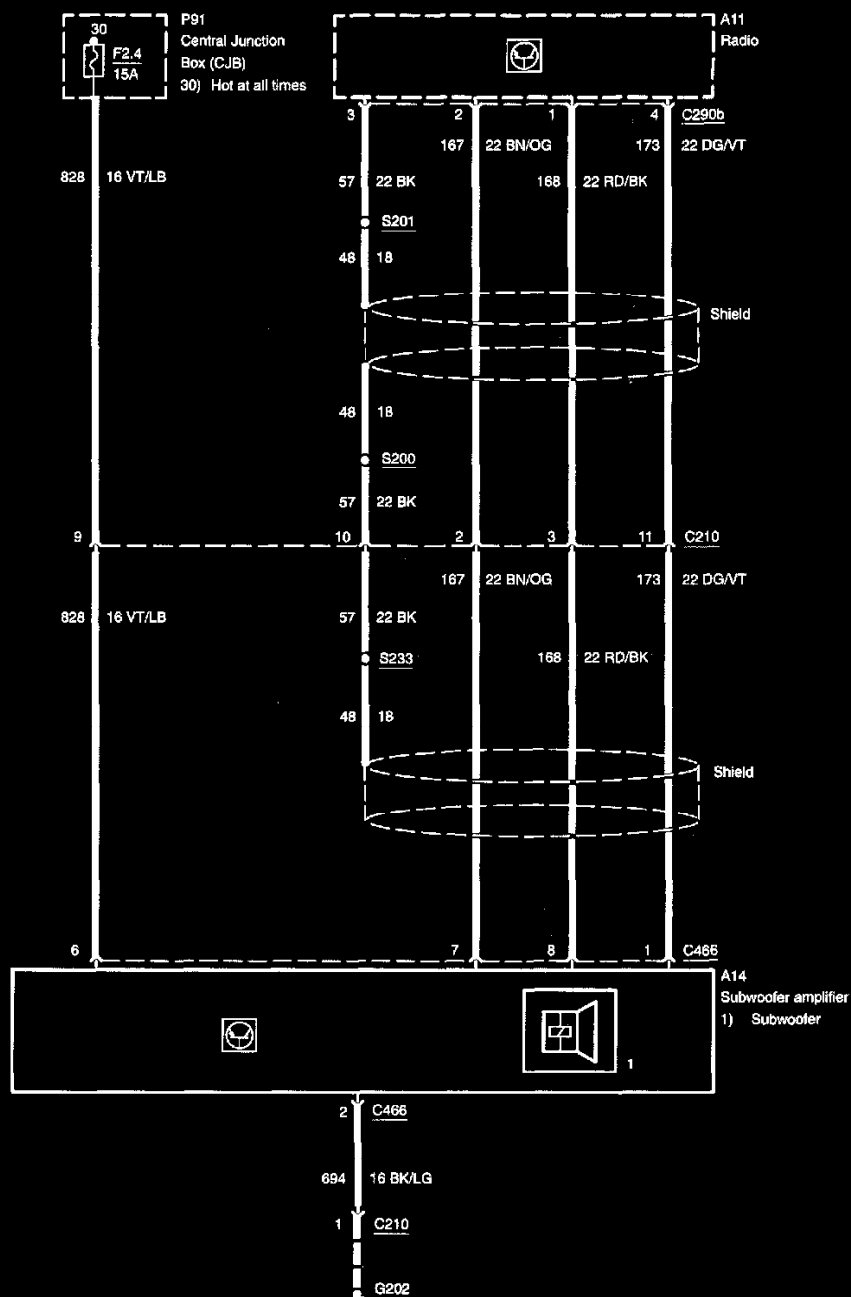
Late production

Diagram 415-00-00-11

RELATED DIAGRAMS

Sport

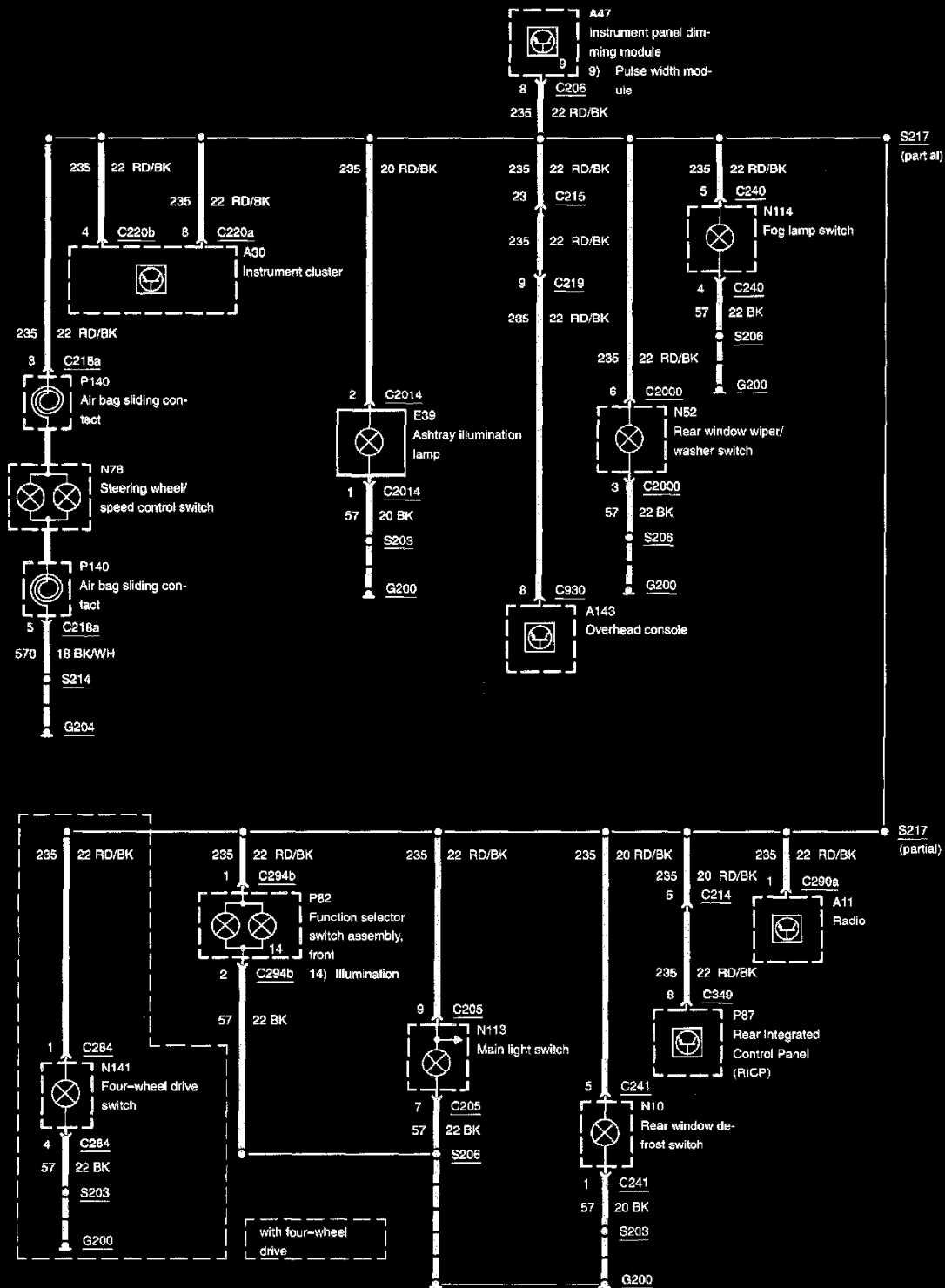
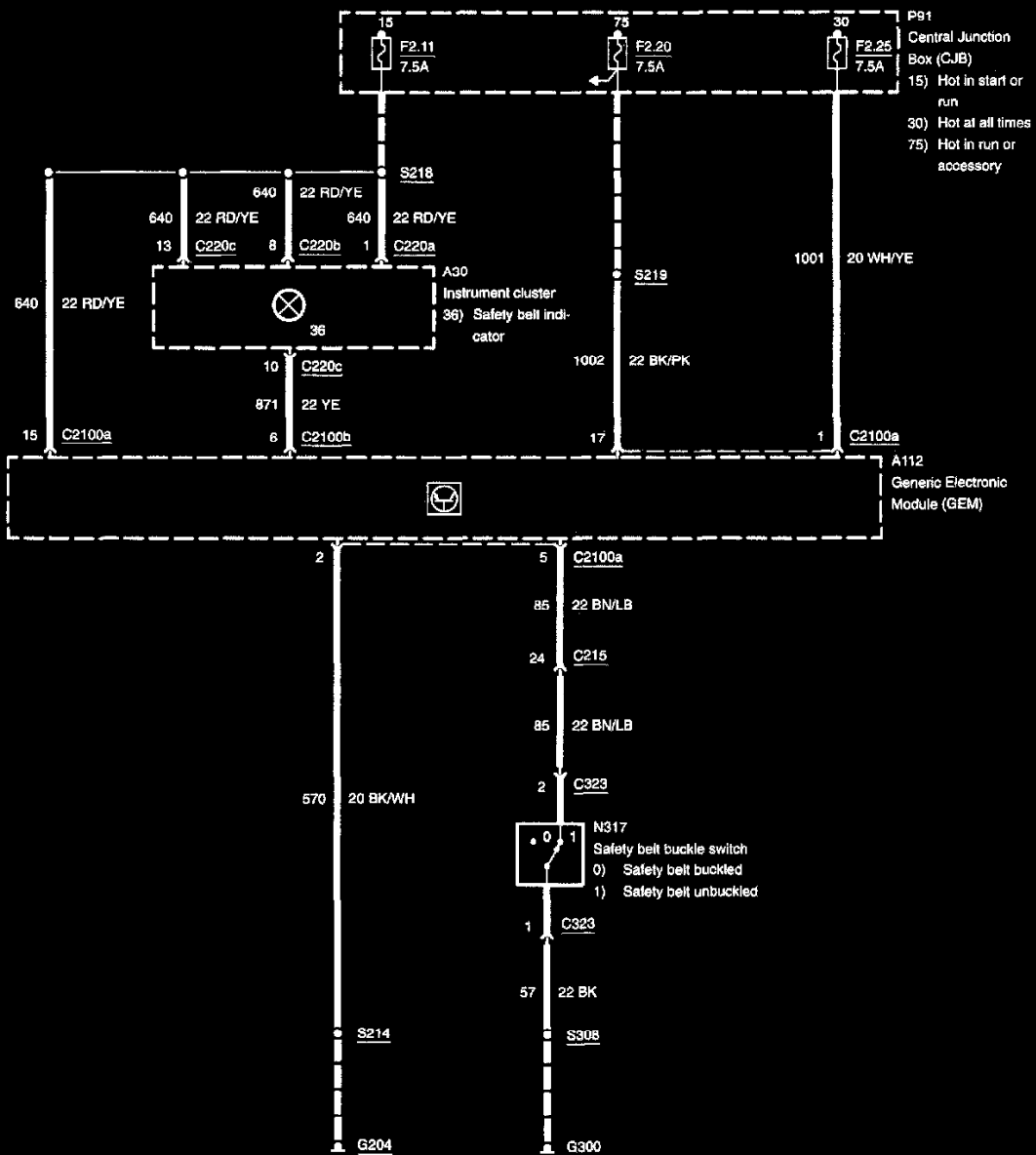


Diagram 413-00-00-3

Diagram 413-00-00-6

[illegible]

Diagram 501-20a-00-1

Late production**Diagram 501-20a-00-2**

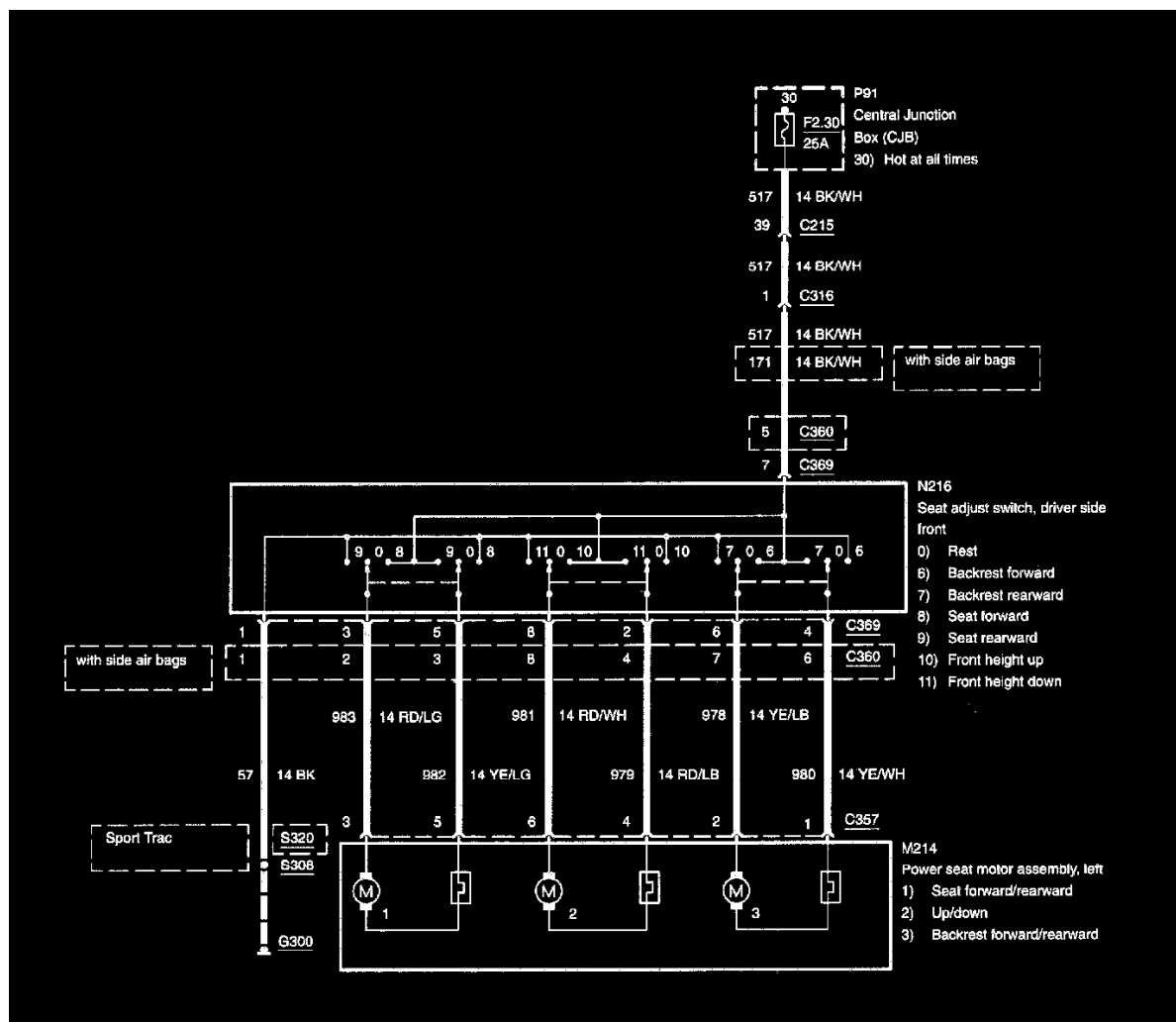


Diagram 501-10-00-1

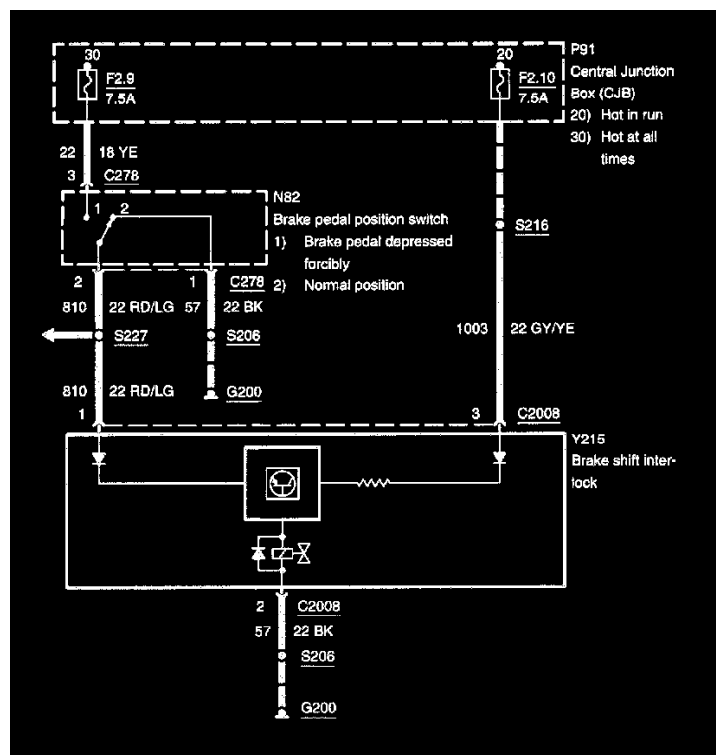


Diagram 307-05-00-1

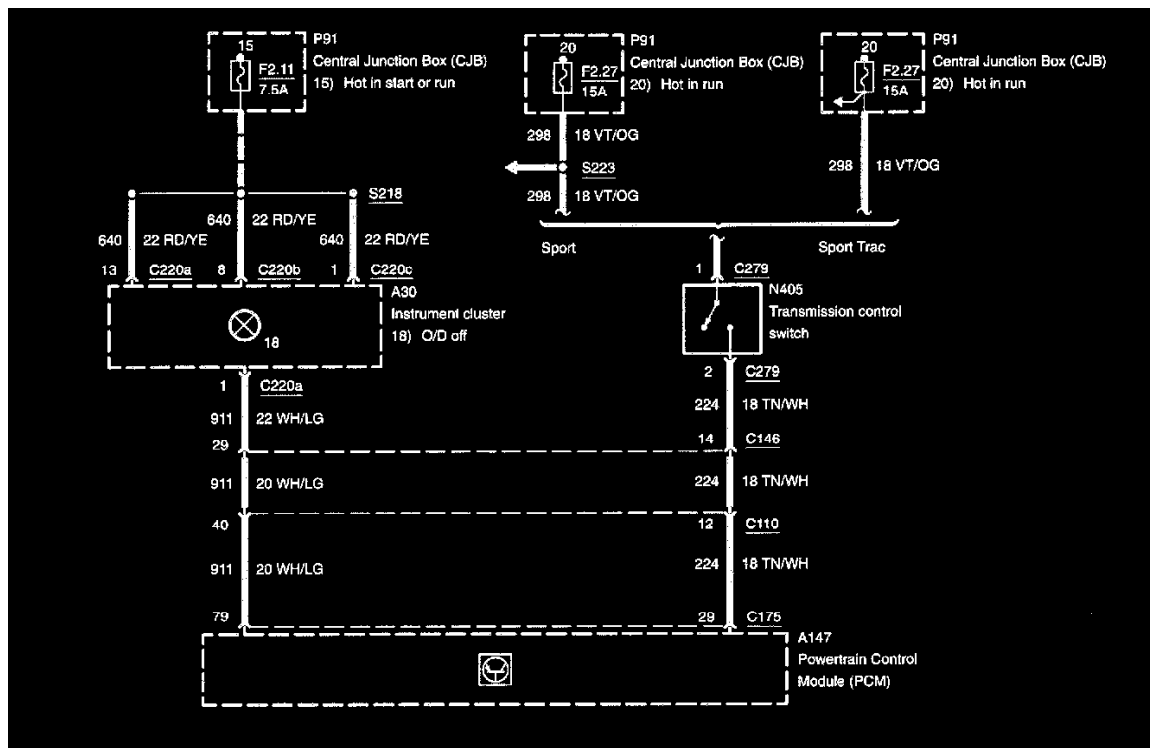


Diagram 307-05-00-2



Diagram 29-4

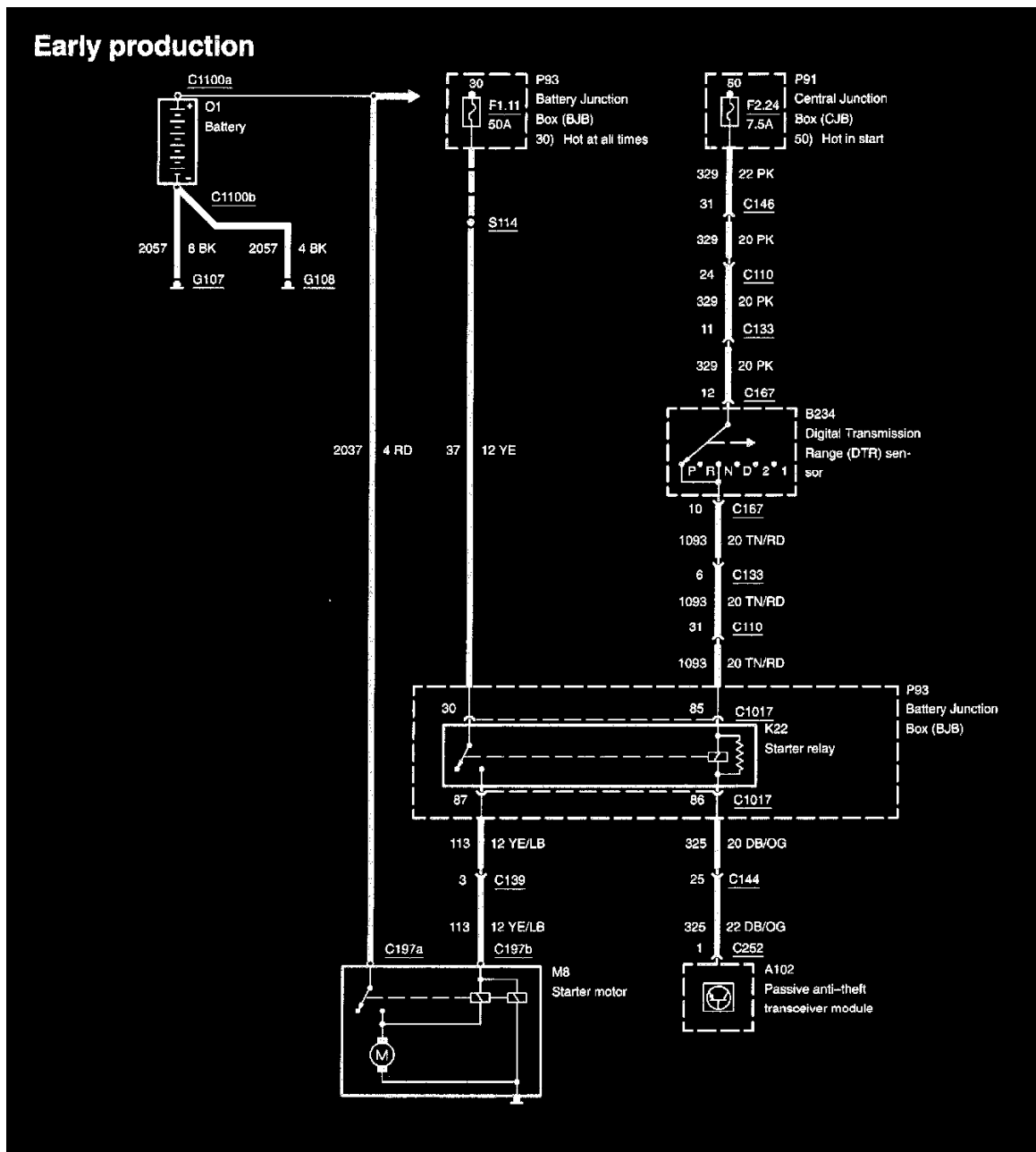


Diagram 303-06-00-1

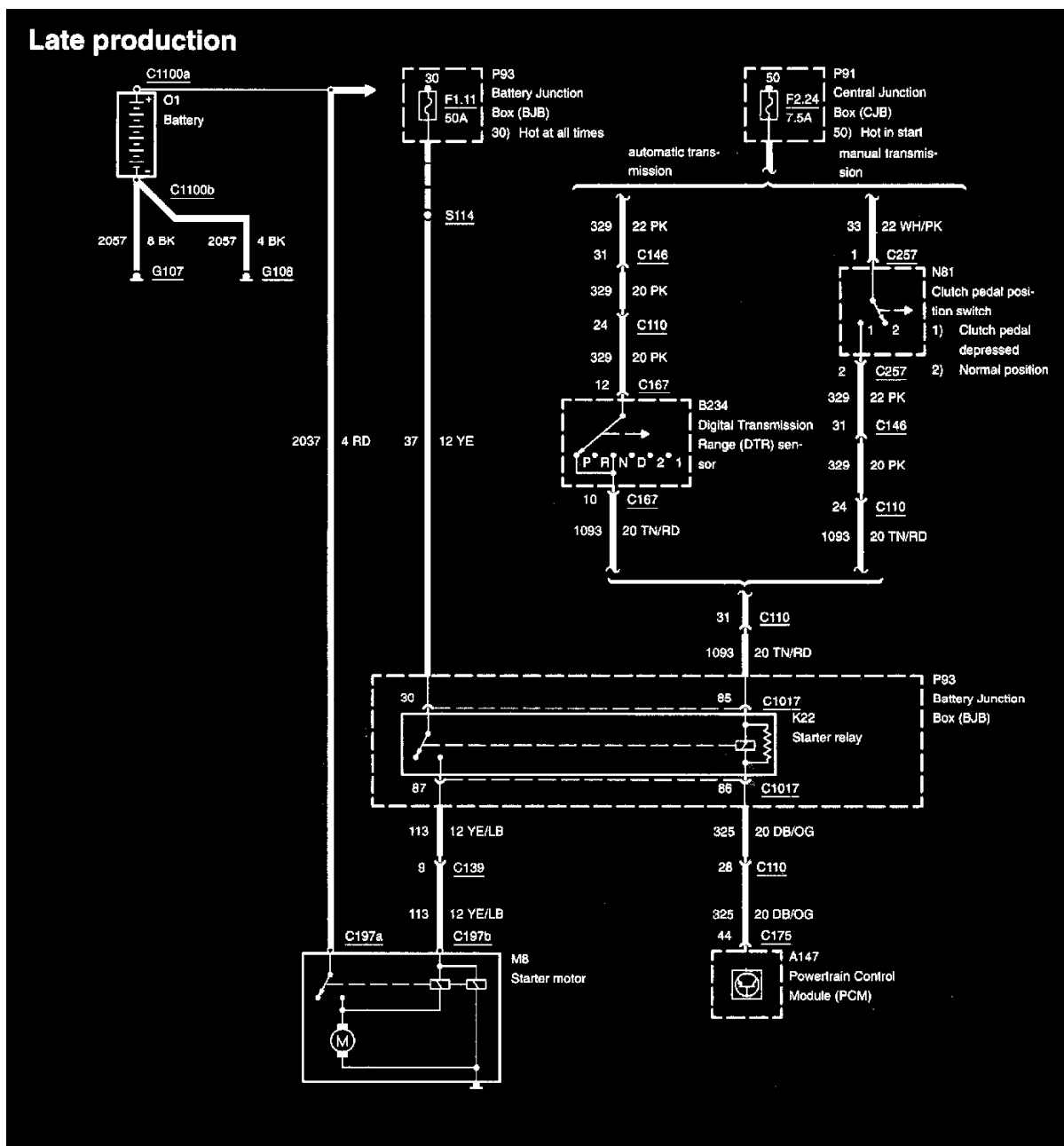


Diagram 303-06-00-2

Ignition Switch

For information regarding diagrams for this component, please refer to Power and Ground Distribution/Diagrams/Electrical. See: Power and Ground Distribution/Diagrams/Electrical Diagrams

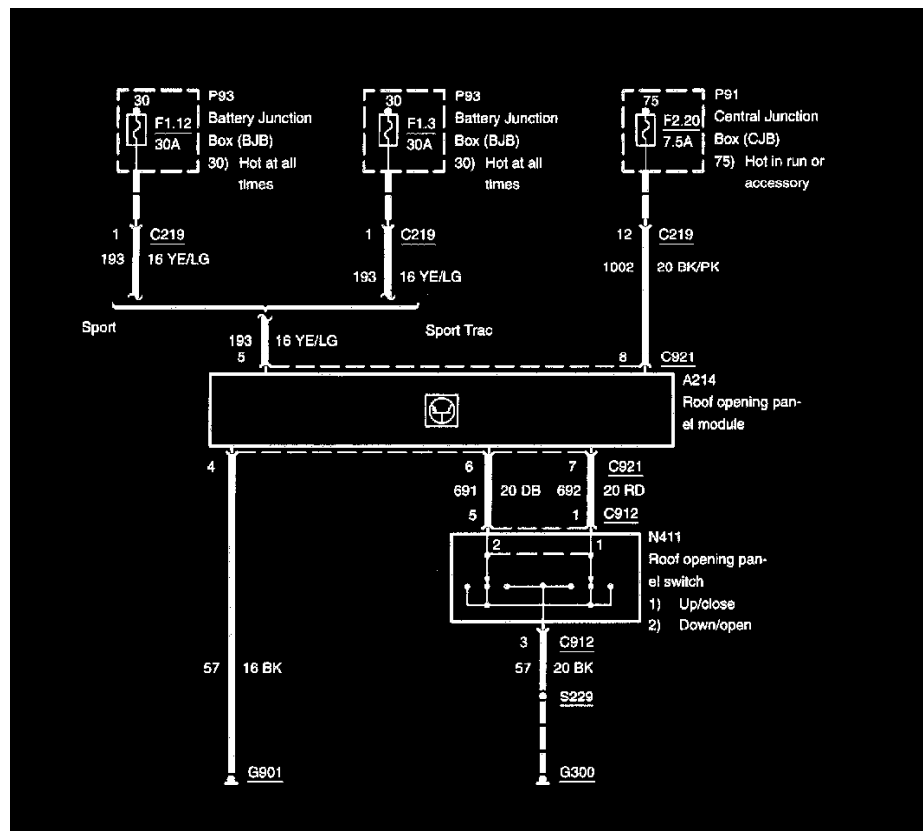


Diagram 501-17-00-1



[illegible]

Diagram 307-01-00-1

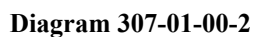


Diagram 307-01-00-2

417-01-00-10
417-01-00-18

308-07A-00-3

303-06-00-2

298 18 VT/OG

329 20 PK

463 20 RD/WH

1143 20 WH/BK

199 20 LB/YE

1145 20 LB/BK

1144 20 YE/BK

9 12 8 6 3 5 4

50 64 49 3

A147 Powertrain Control Module (PCM)

C175

20 RD/WH

20 WH/BK

20 LB/YE

20 LB/BK

20 YE/BK

P R N D 2 1

P R N D 2 1

P R N D 2 1

P R N D 2 1

P R N D 2 1

P R N D 2 1

270Ω

B234 Digital Transmission Range (DTR) sensor

11 10 7 2

140 18 BK/PK

1093 20 TN/RD

57 16 BK

359 18 GY/RD

C167

417-01-00-10
417-01-00-18

303-06-00-2

S145

G100

A147 Powertrain Control Module (PCM)

84 59

136 18 DB/YE

134 18 GY/OG

1 C193

1 C164

B110 Output shaft speed sensor (OSS)

B235 Intermediate Shaft Speed (ISS) sensor

2 C193

2 C164

359 18 GY/RD

359 18 GY/RD

S144

359 18 GY/RD

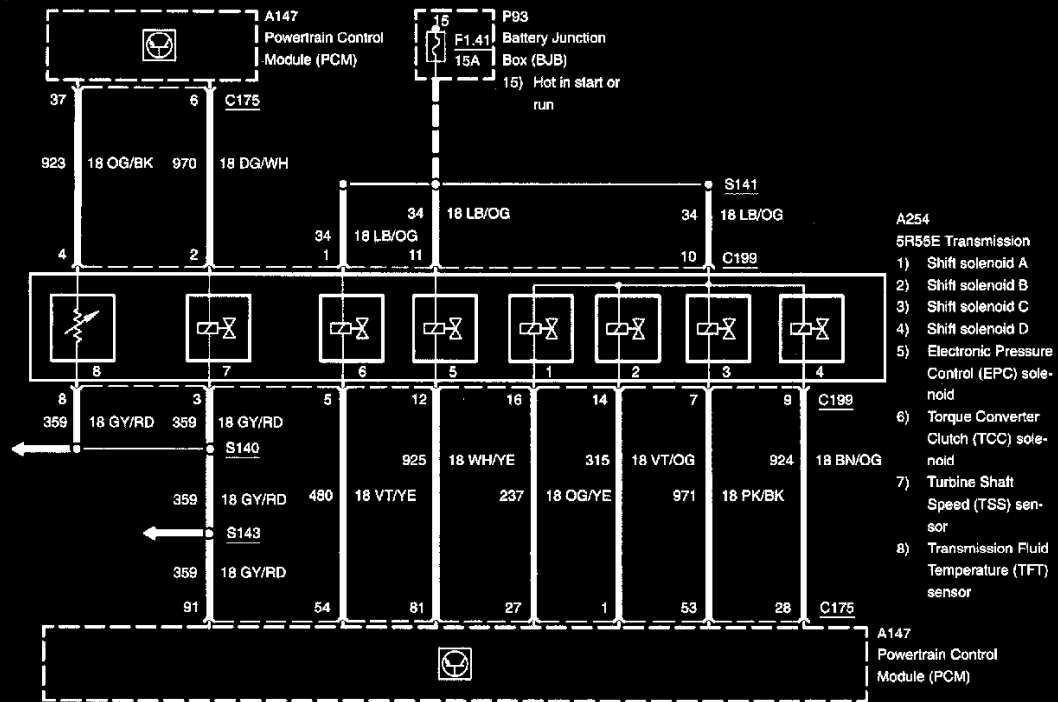
S143

359 18 GY/RD

91 C175

A147 Powertrain Control Module (PCM)

Diagram 307-01-00-3

Late production**Diagram 307-01-00-4****RELATED DIAGRAMS**

Early production

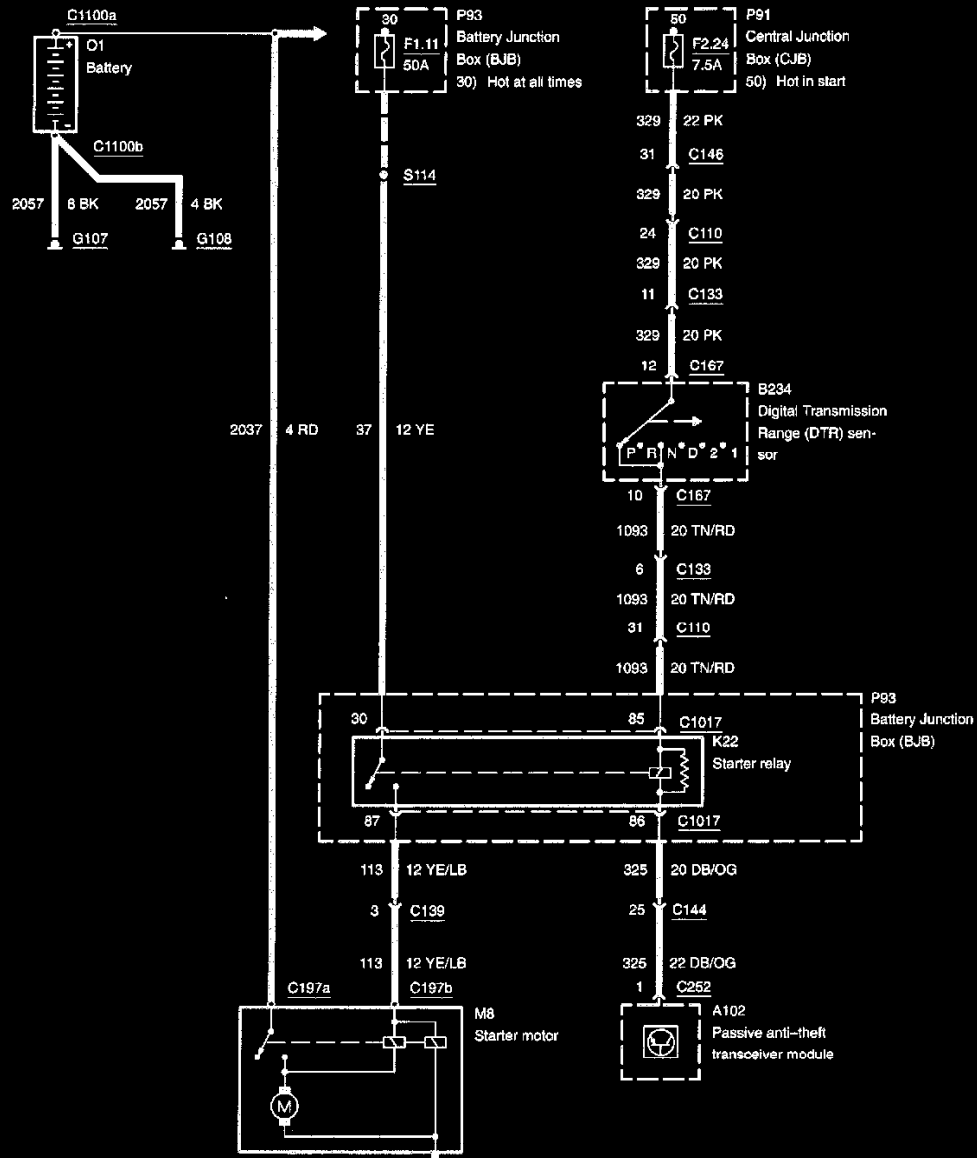


Diagram 303-06-00-1

Late production

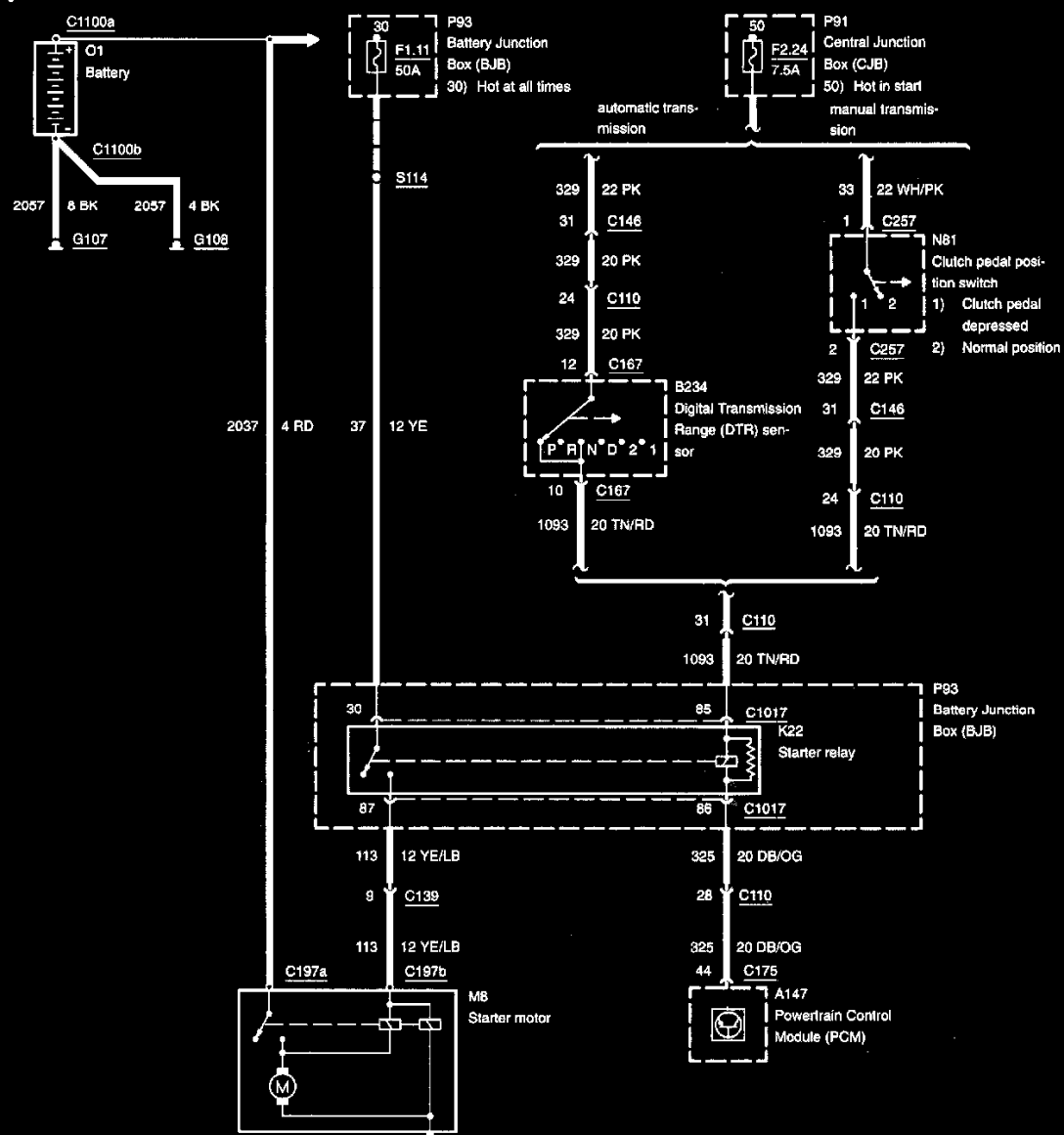


Diagram 303-06-00-2

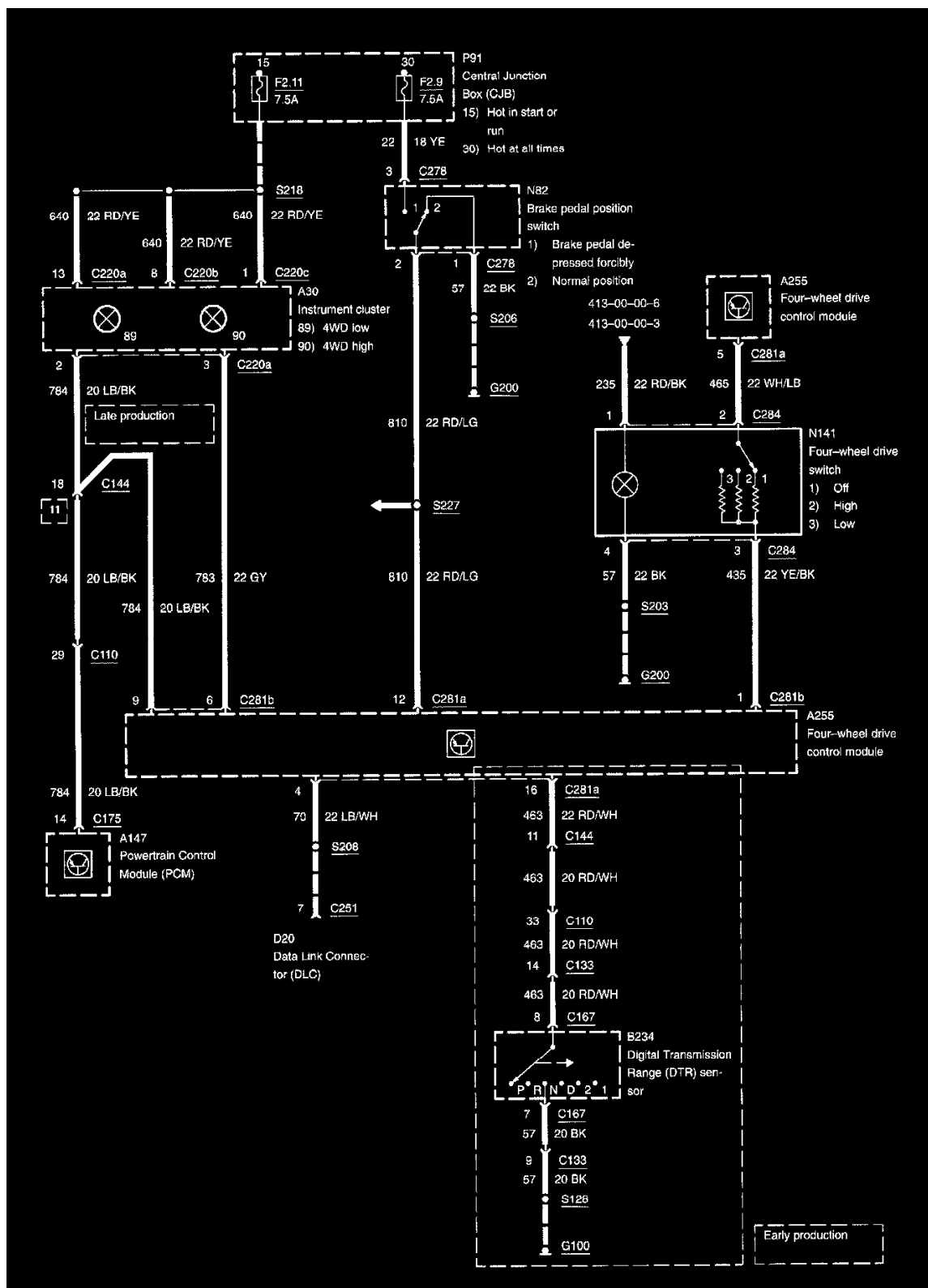
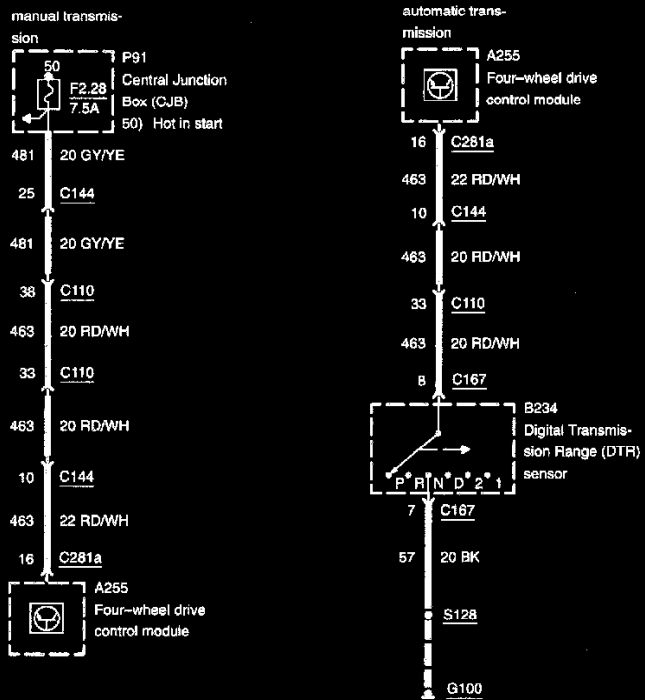
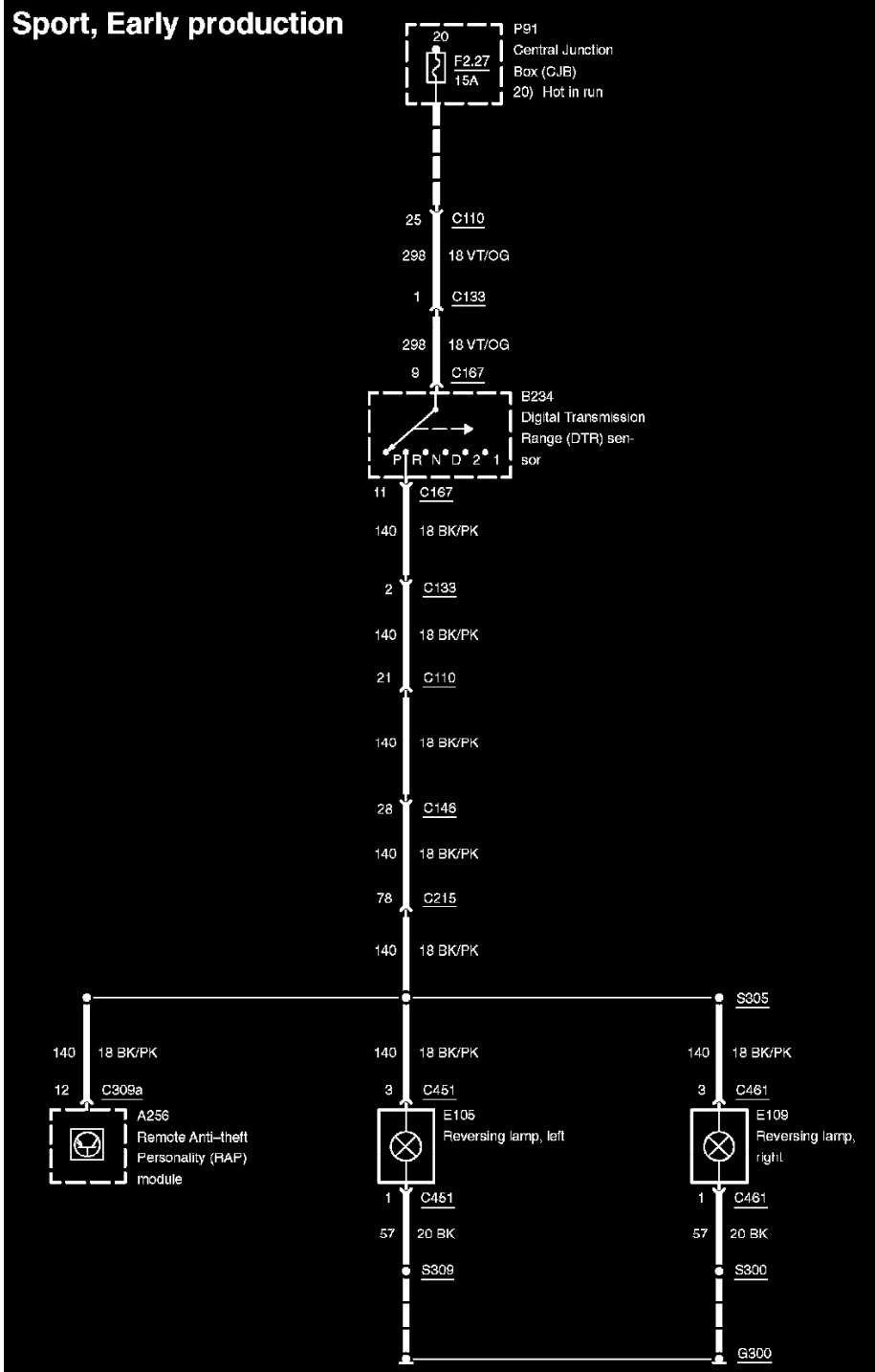
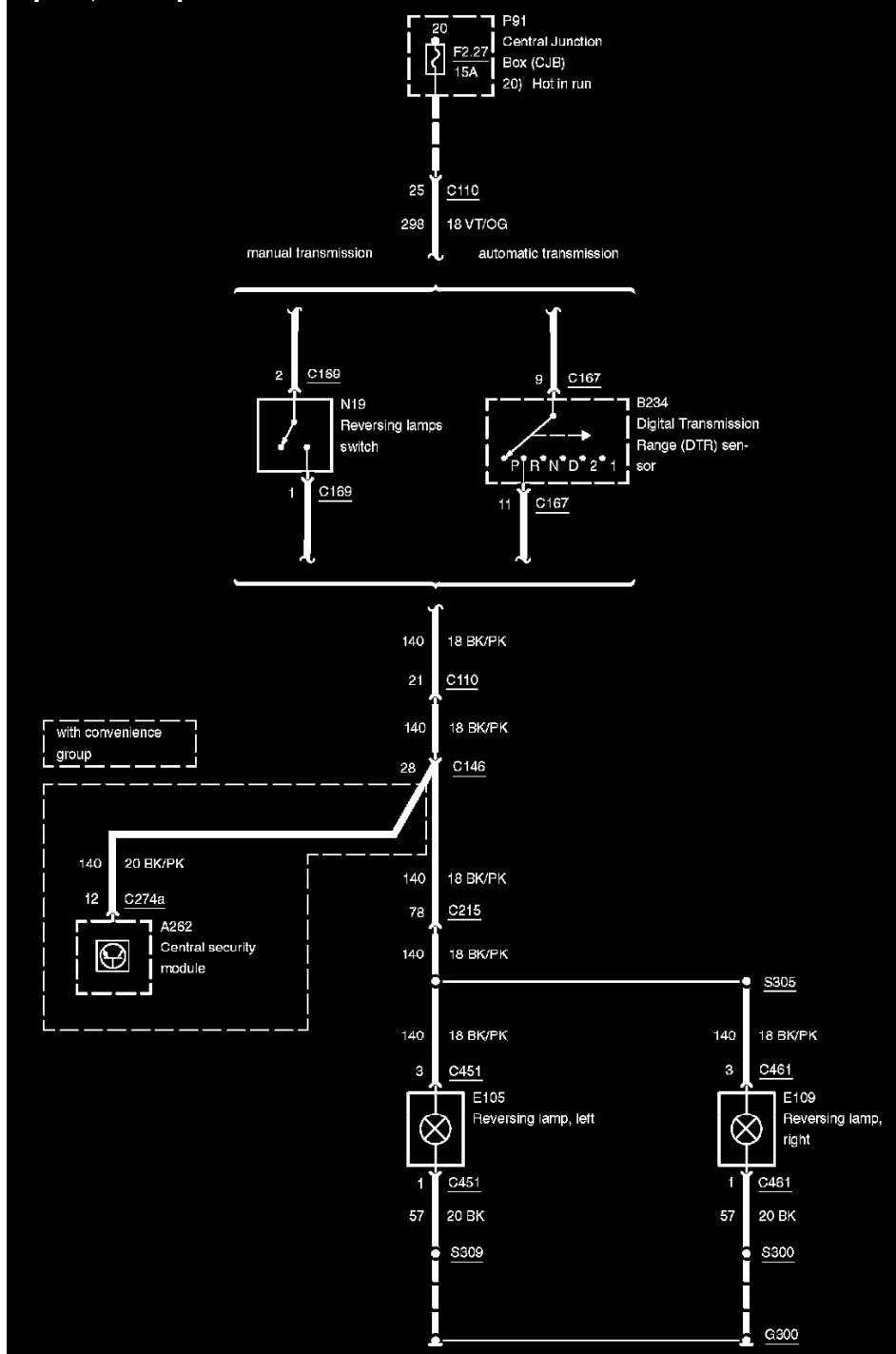


Diagram 308-07a-00-2

Late production**Diagram 308-07a-00-3**

Sport, Early production**Diagram 417-01-00-9**

Sport, Late production**Diagram 417-01-00-10**

Sport Trac, Early production

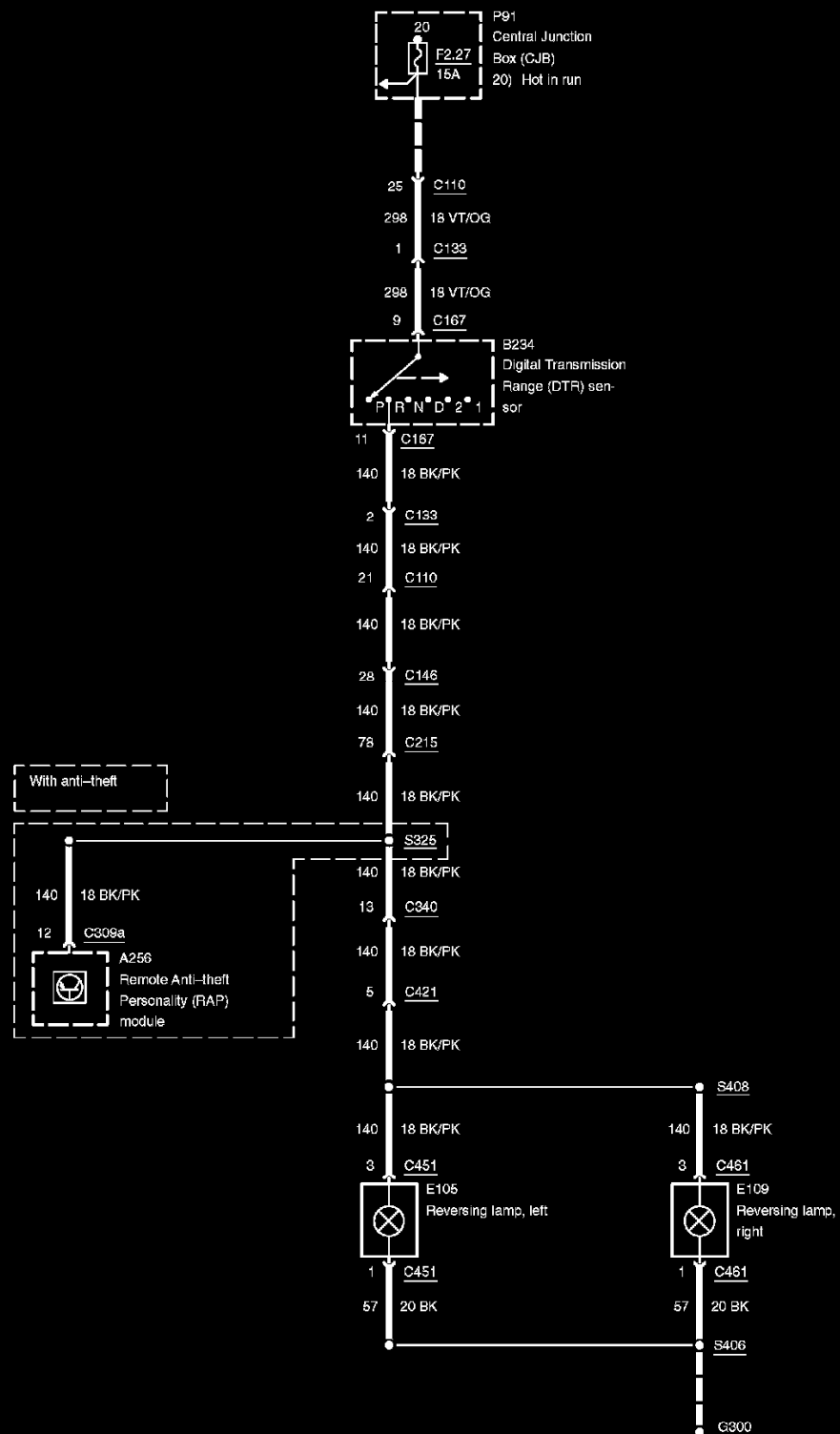
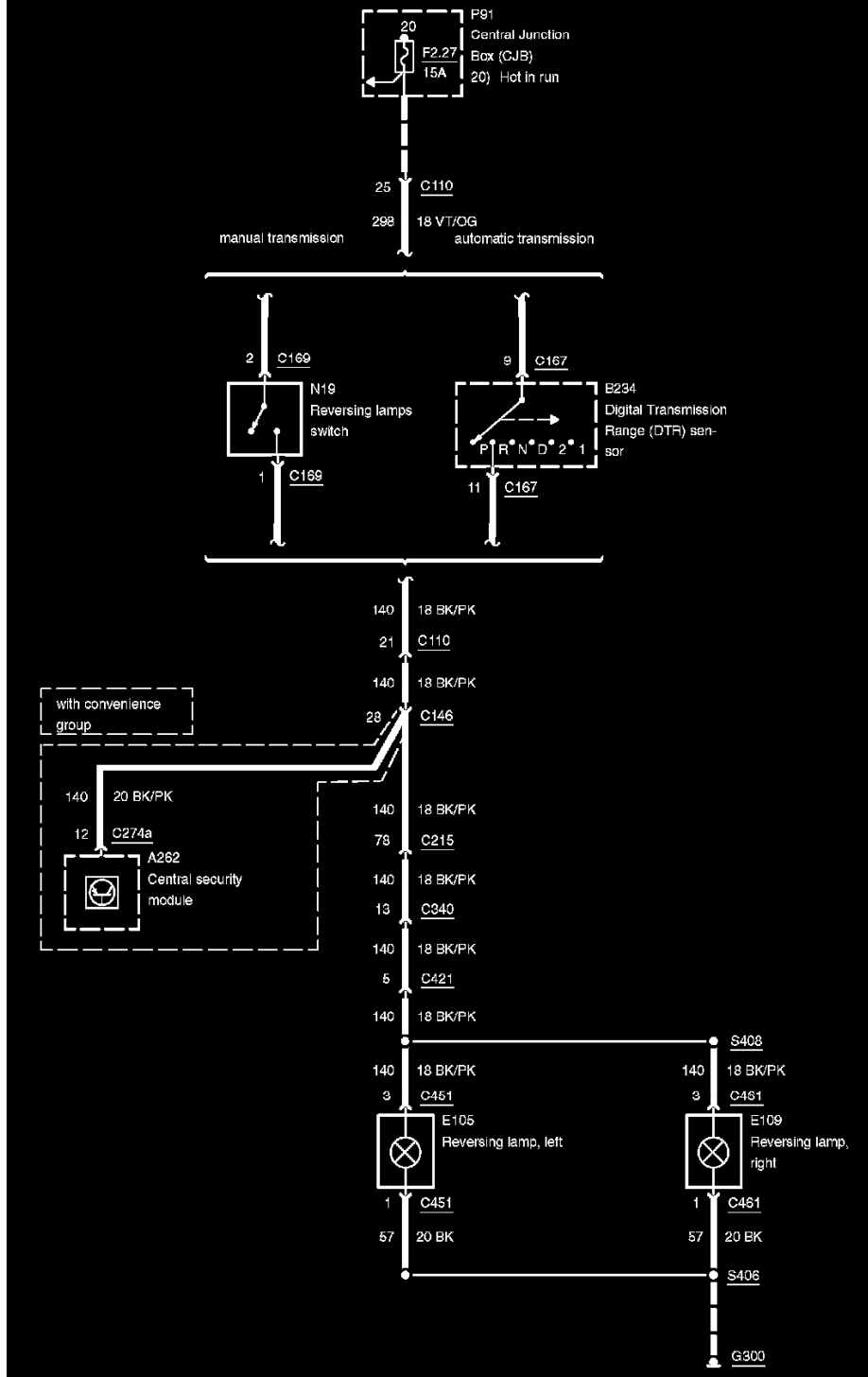


Diagram 417-01-00-17

Sport Trac, Late production**Diagram 417-01-00-18**

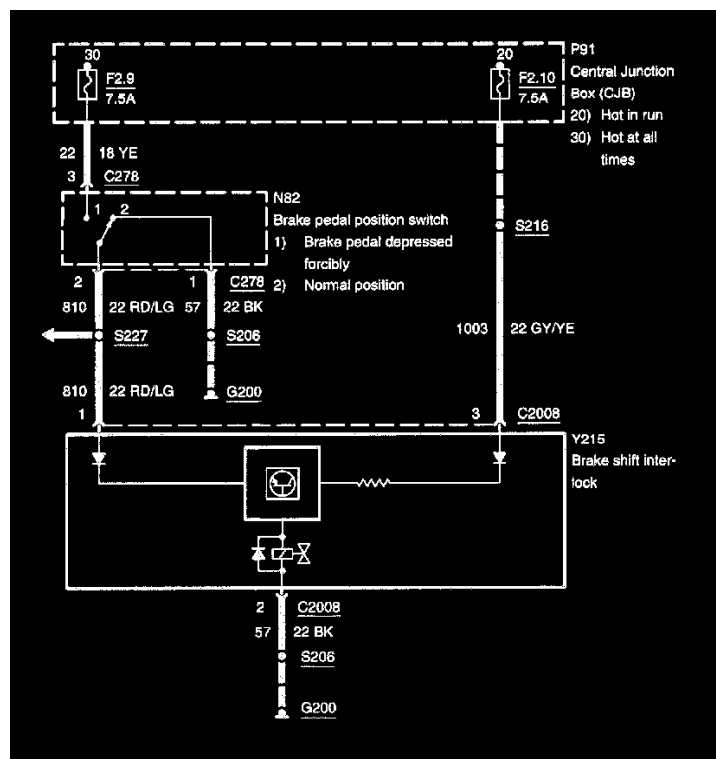


Diagram 307-05-00-1

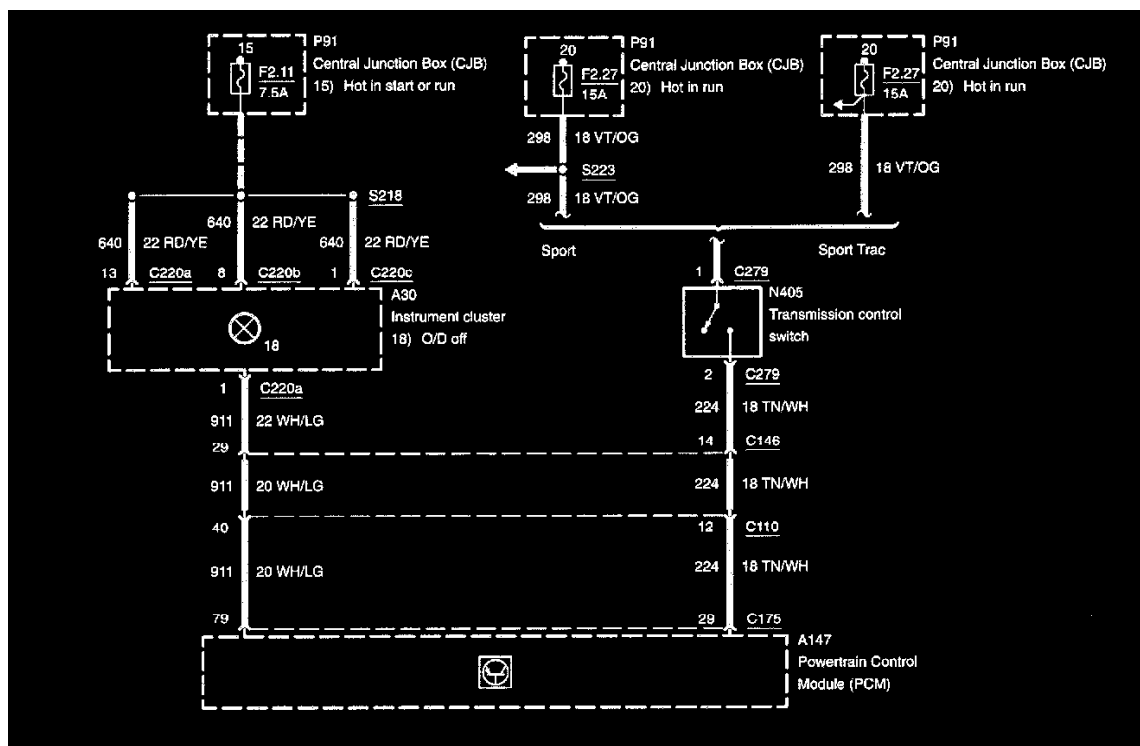


Diagram 307-05-00-2

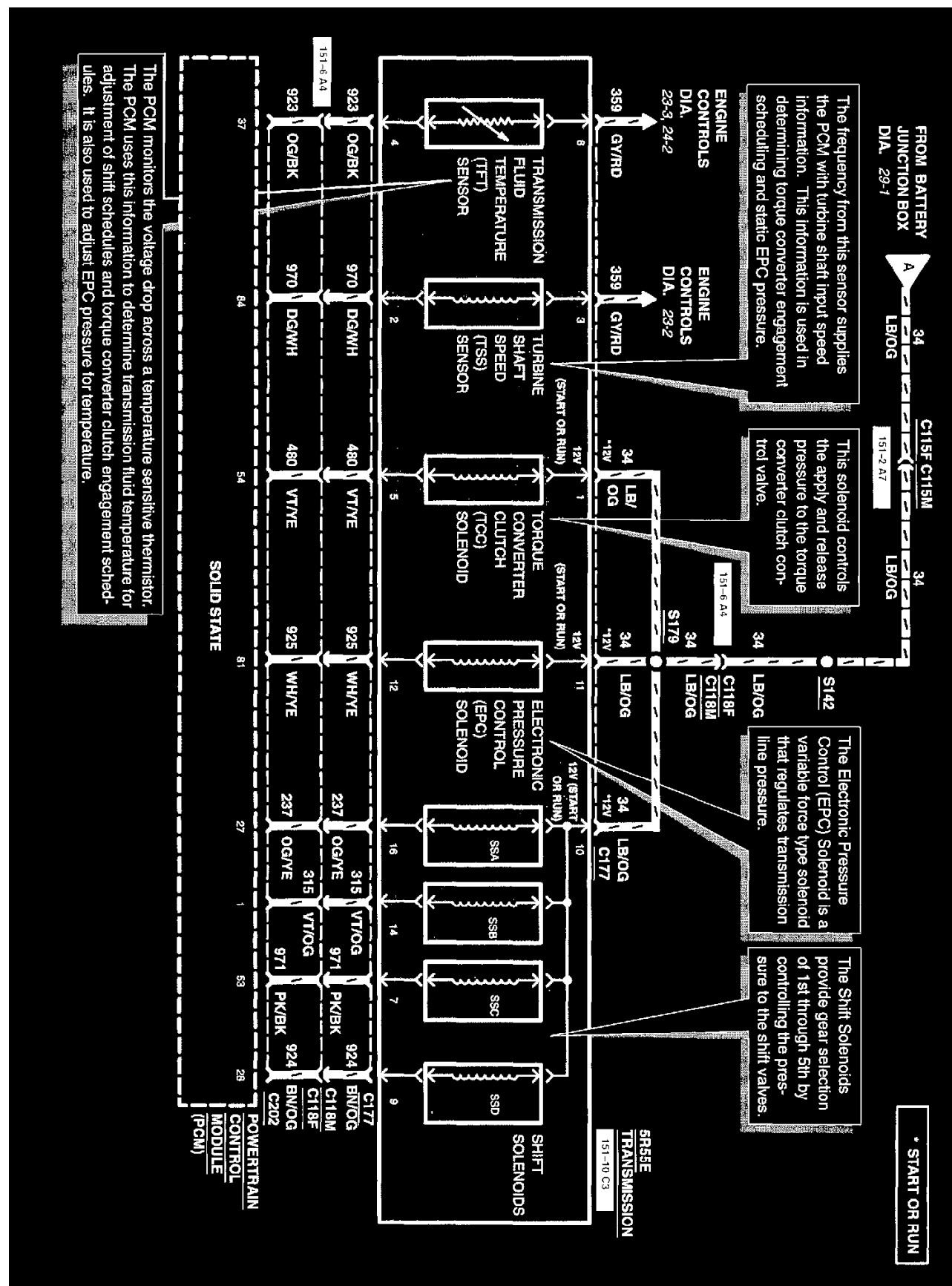


Diagram 29-4

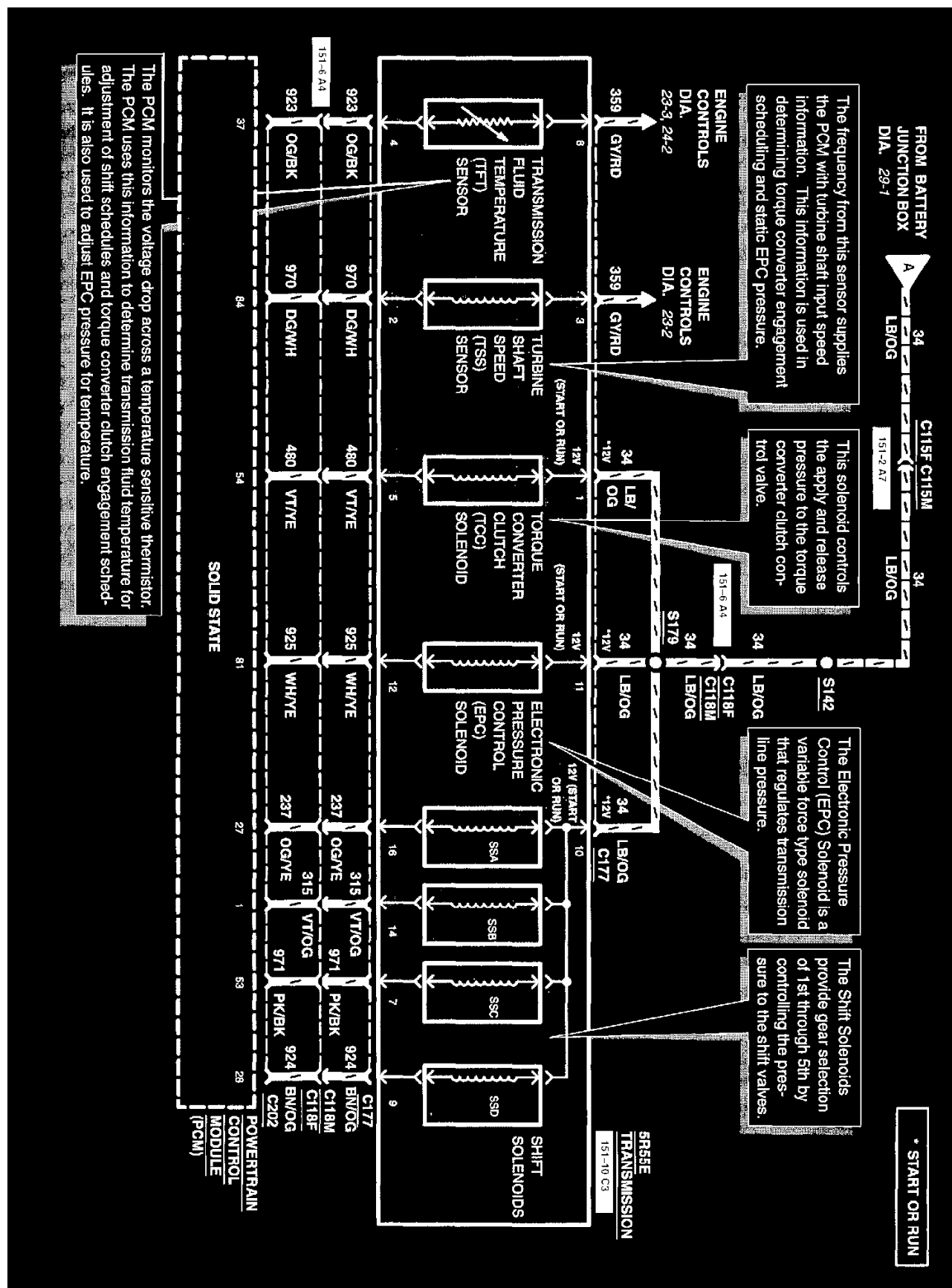


Diagram 29-4

Sport Trac

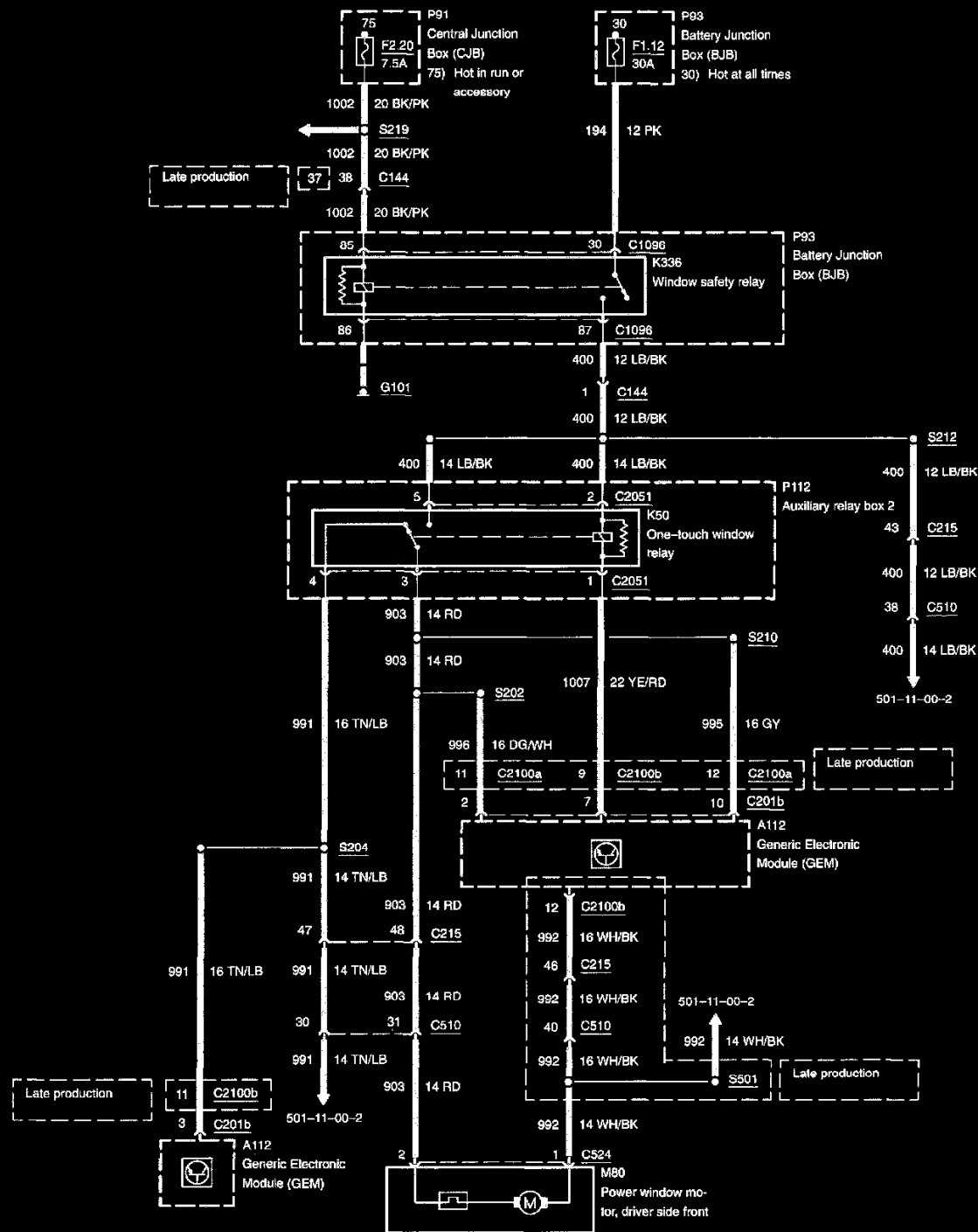


Diagram 501-11-00-1

501-11-00-1

400 14 LB/BK
4 C504b

N447
Master window adjust switch
1) Driver
2) Passenger
3) Left rear
4) Right rear
5) Up
6) Down
8) Lock

1 2 C504b 2 C504a 3 5 6 C504b 3 4 7 6 C504a
170 14 RD/LB 57 14 BK S500 319 14 YE/BK 316 14 YE/LB 313 14 WH/YE 991 14 TN/LB 992 14 WH/BK
320 14 RD/BK 317 14 GY/OG 314 14 TN/LB
501-11-00-1

32 14 RD/LB 43 42 36 35 44 45 C510 14 WH/YE
170 14 RD/LB 320 14 RD/BK 319 14 YE/BK 317 14 GY/OG 314 14 TN/LB
170 14 RD/LB 4 10 6 C327 4 10 6 C328 7 C237 7 C238 1 C237
170 14 RD/LB 320 14 RD/BK 319 14 YE/BK 317 14 RD/LB 170 14 RD/LB 313 14 WH/YE
314 14 TN/LB 316 14 GY/OG 316 14 YE/LB 314 14 TN/LB 313 14 WH/YE
3 1 6 C604
N105 Window adjust switch, passenger side
1) Up
2) Down

3 1 6 C801 N110 Window adjust switch, right rear
1) Up
2) Down
5 2 C801 881 14 BN 882 14 BN/YE 2 1 C803
M117 Power window motor, right rear

3 6 1 C701 N111 Window adjust switch, left rear
1) Up
2) Down
5 2 C701 884 14 YE/BK 885 14 YE/LB 2 1 C703
M116 Power window motor, left rear

5 2 C604 333 14 YE/RD 334 14 RD/YE 1 2 C608
M79 Power window motor, passenger side front

Diagram 501-11-00-2

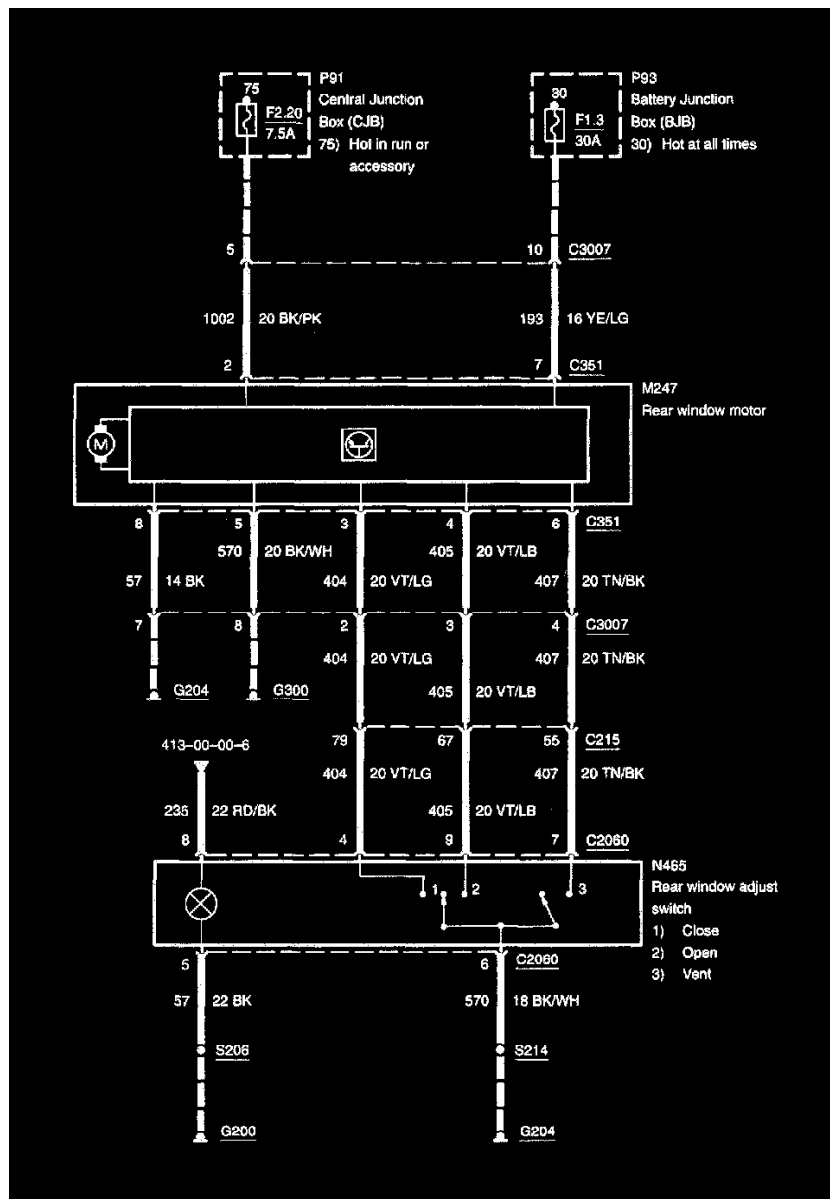


Diagram 501-11-00-5



RELATED DIAGRAMS

Sport

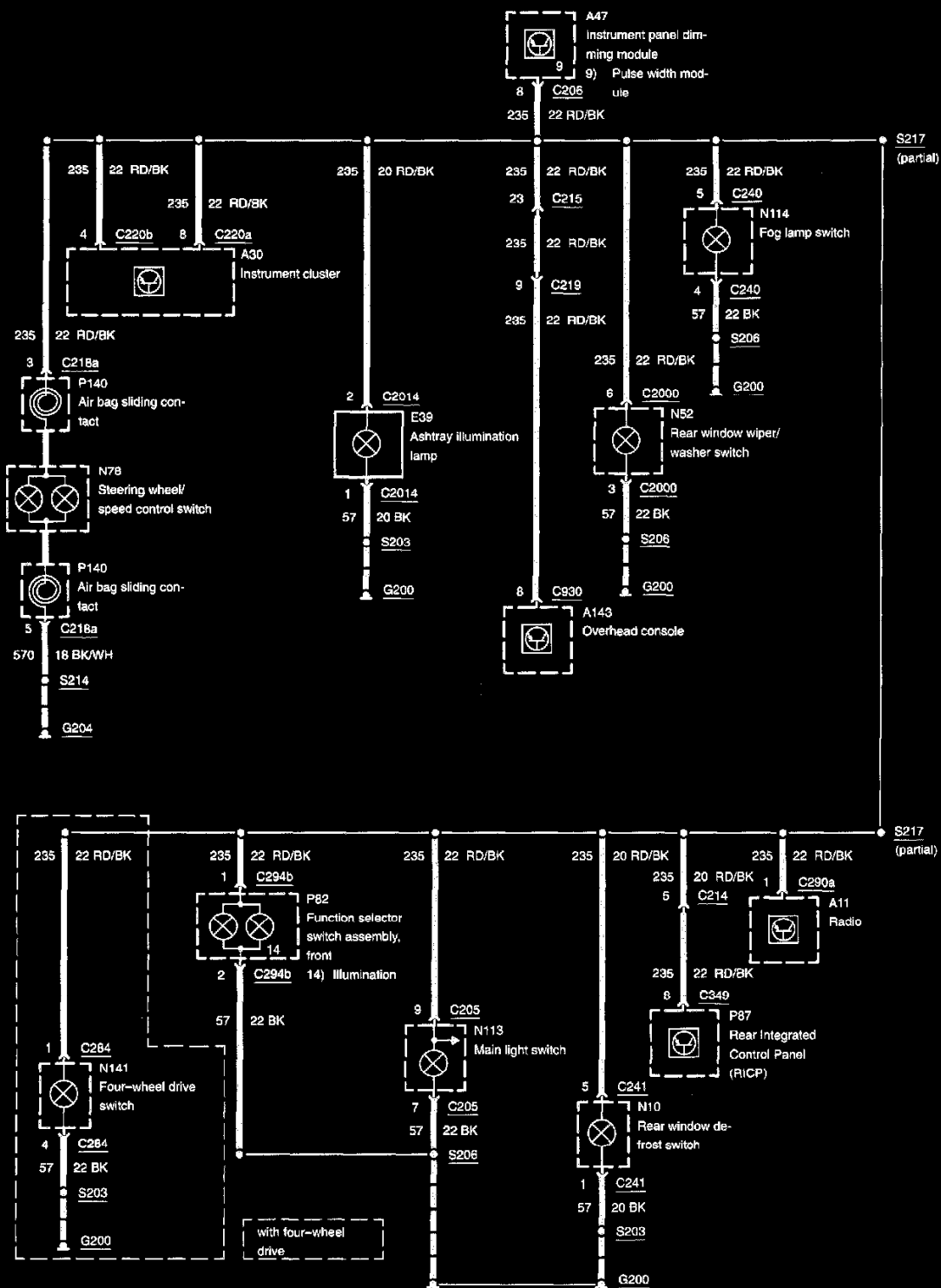


Diagram 413-00-00-3

Diagram 413-00-00-6

DETAILED DIAGRAMS



Diagram 501-16-00-1

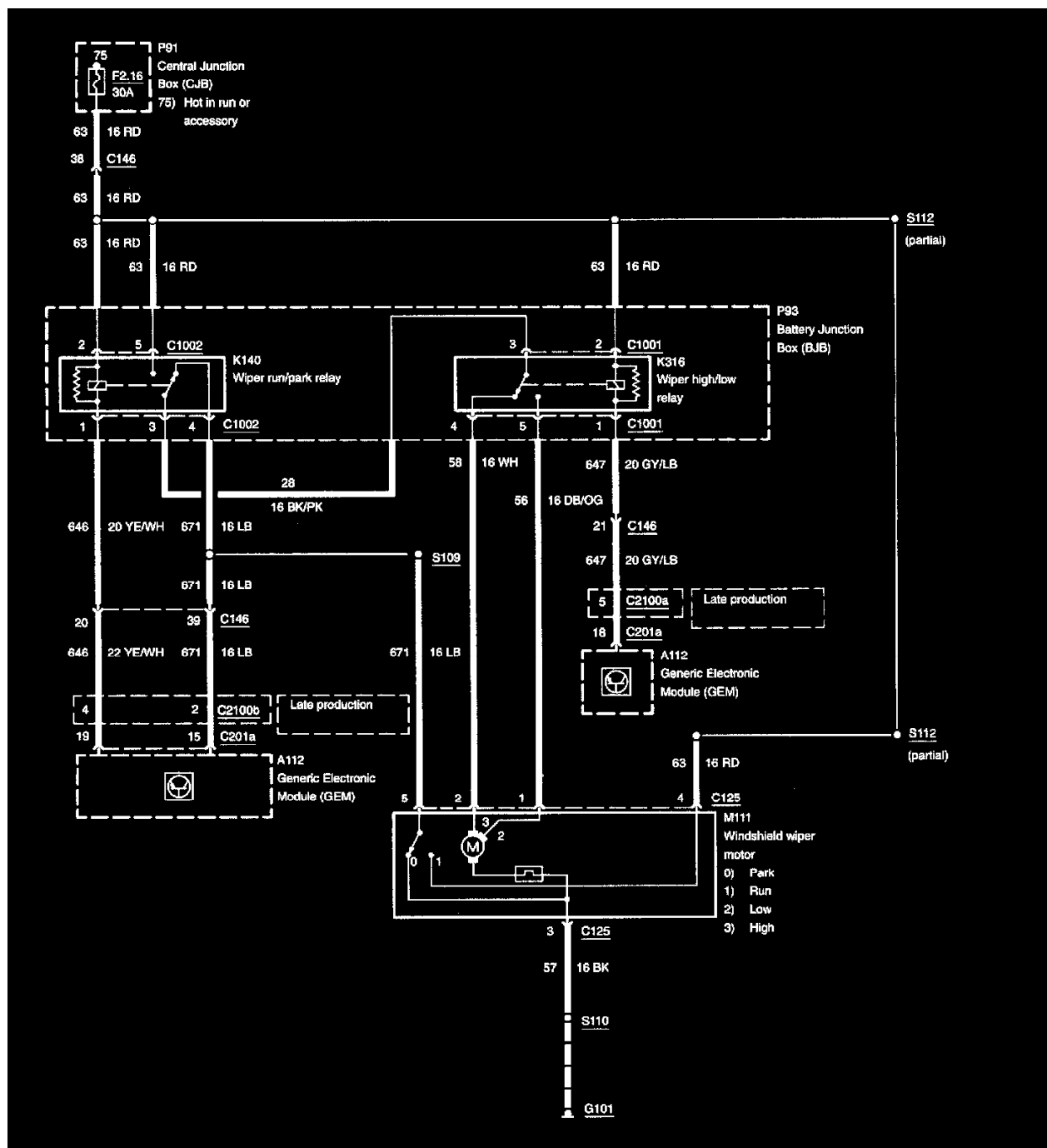


Diagram 501-16-00-2

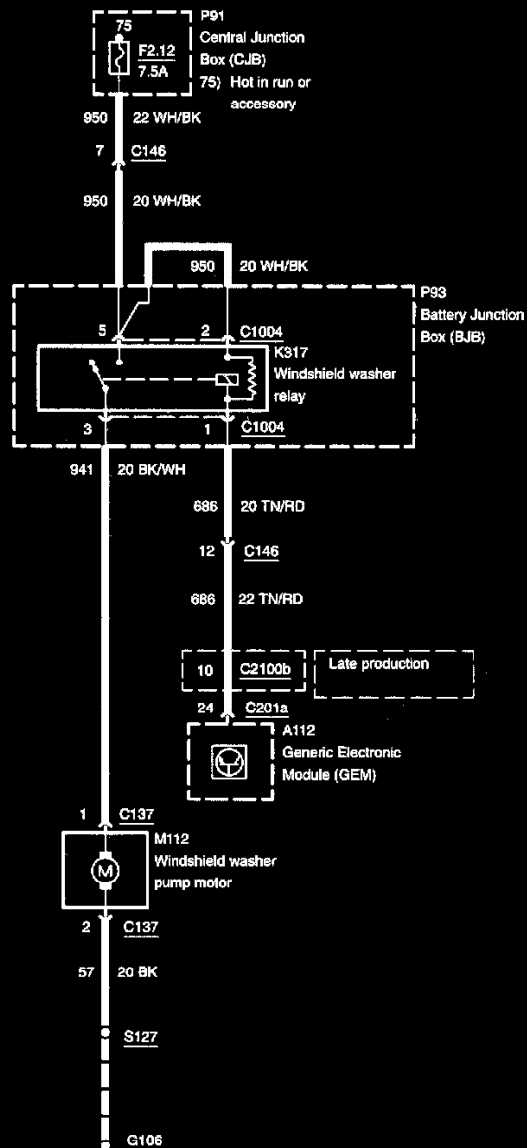
Sport Trac

Diagram 501-16-00-4

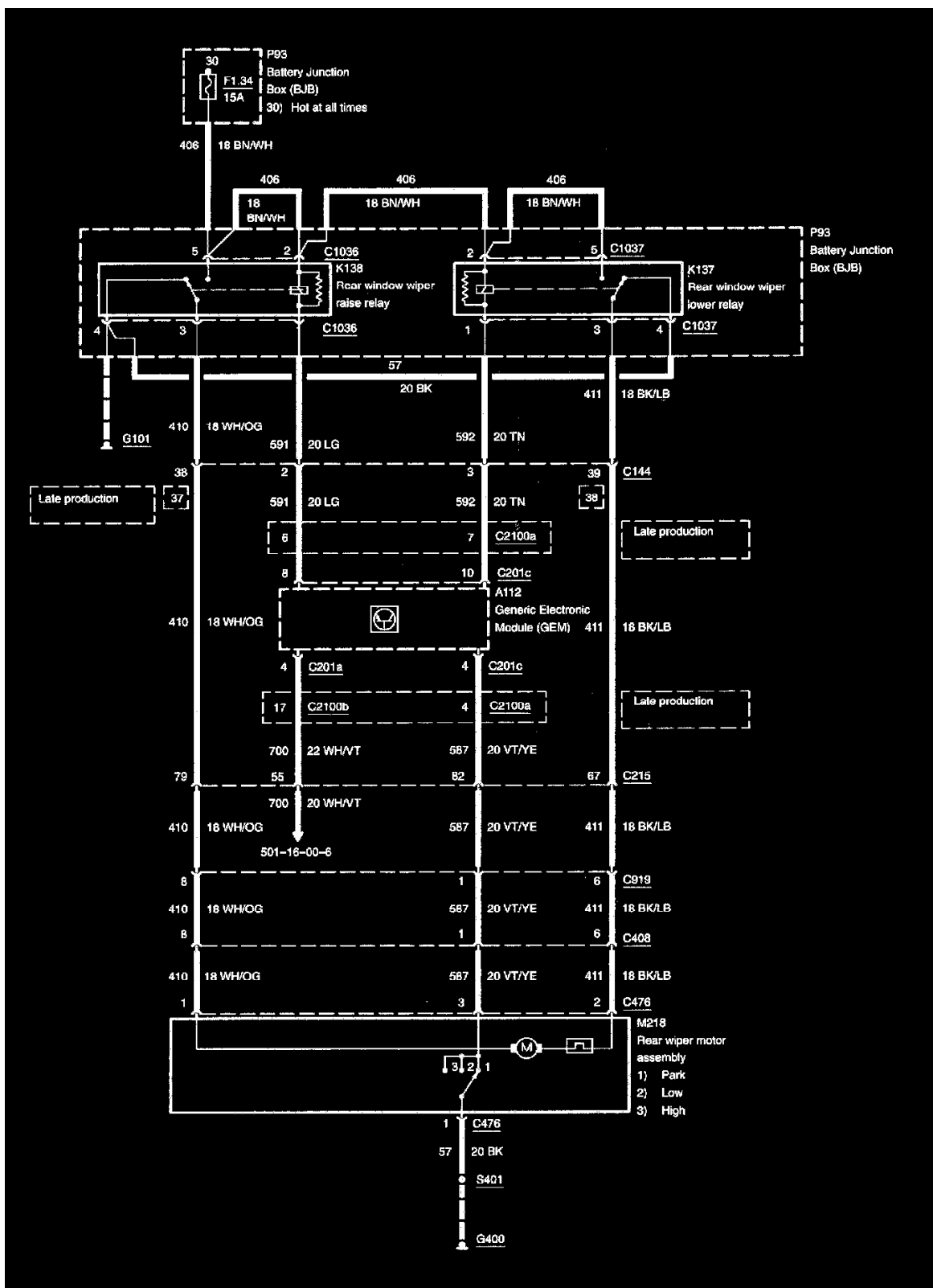


Diagram 501-16-00-5

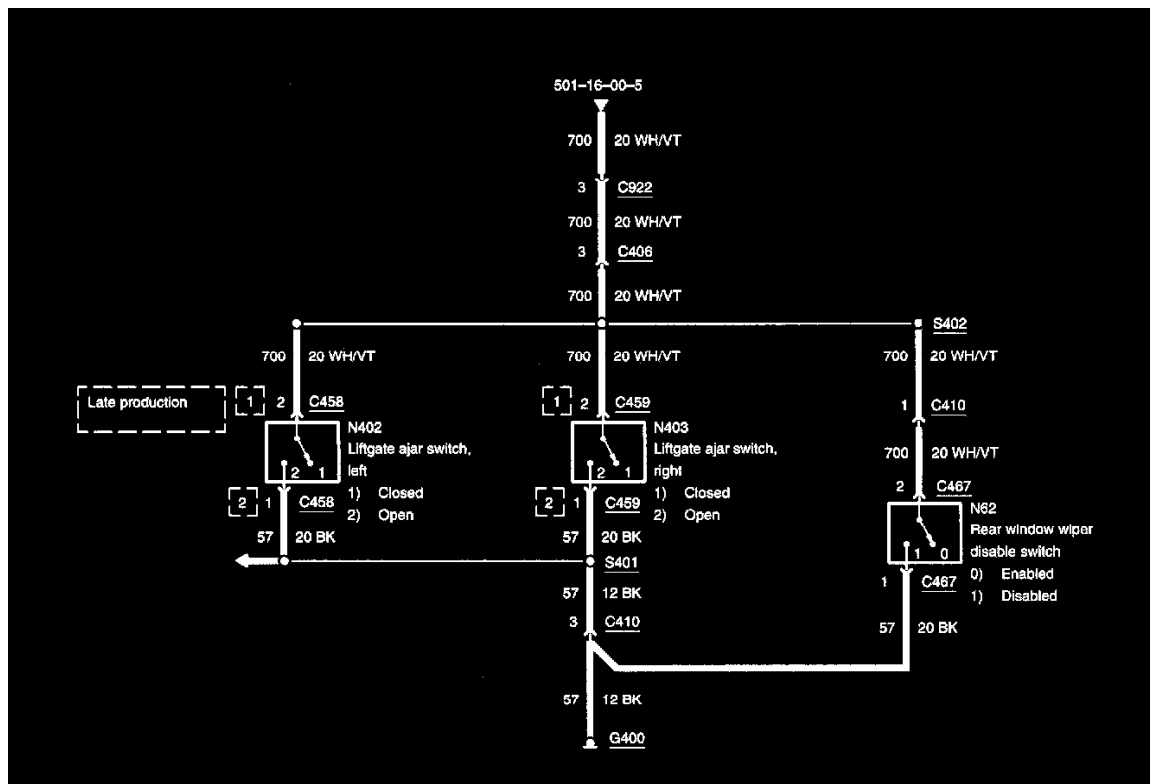


Diagram 501-16-00-6

Windshield Washer Control Module

For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

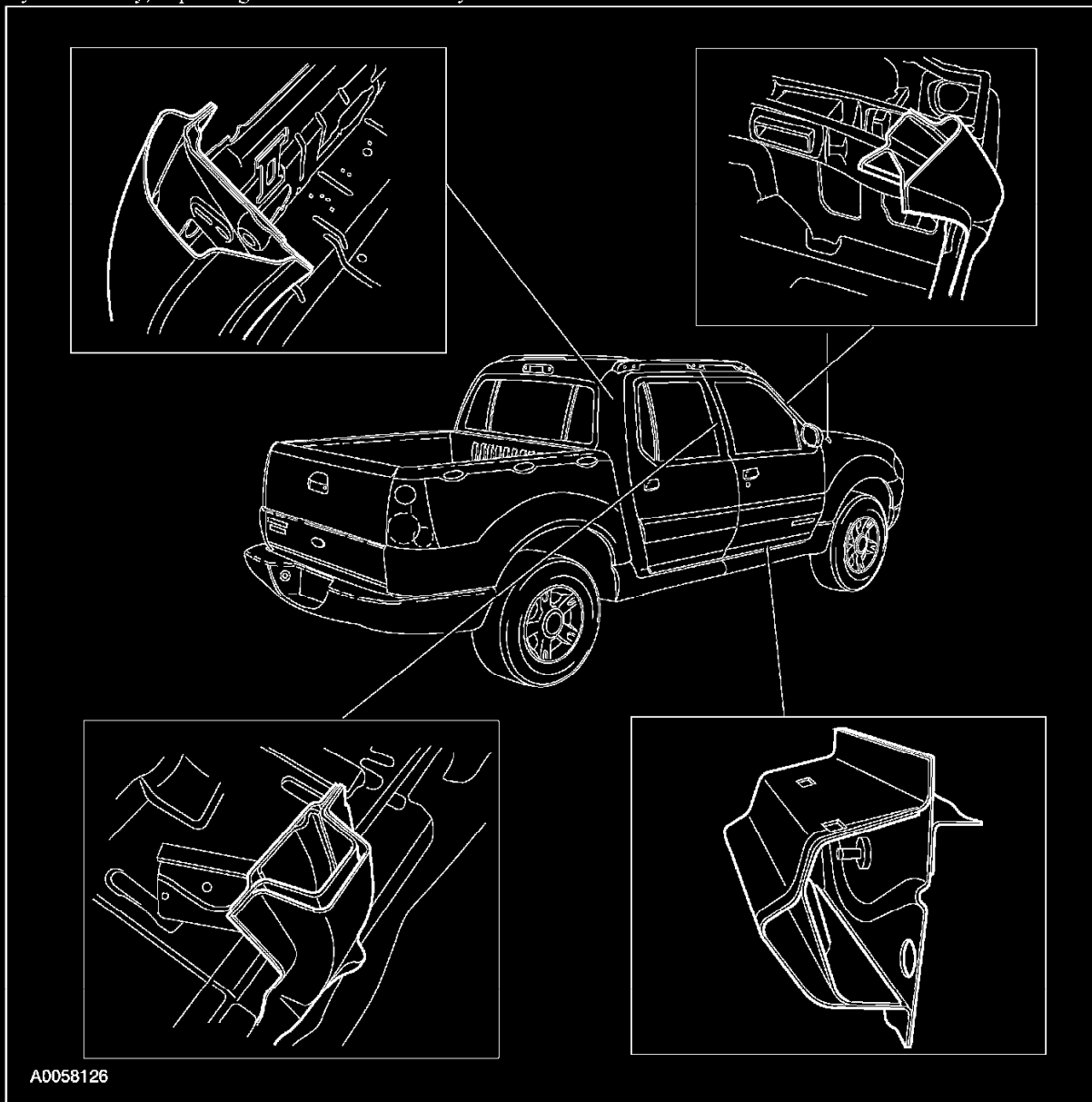
Wiper Control Module

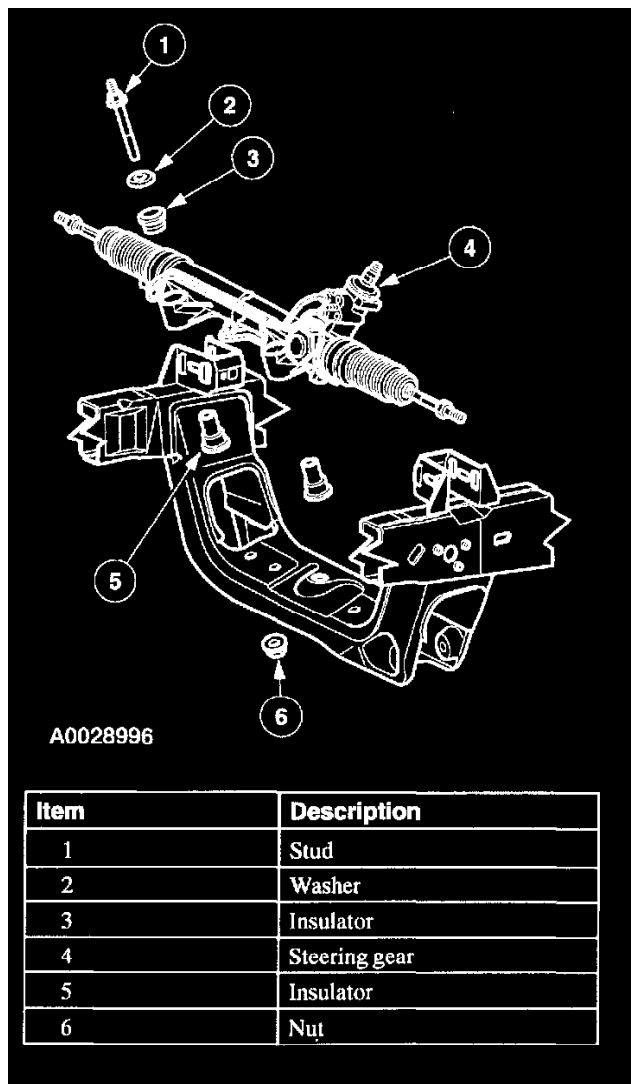
For further information regarding this component please refer to Multifunction Electronic Control Modules (General Module); Diagrams.

Body — Cutaway View

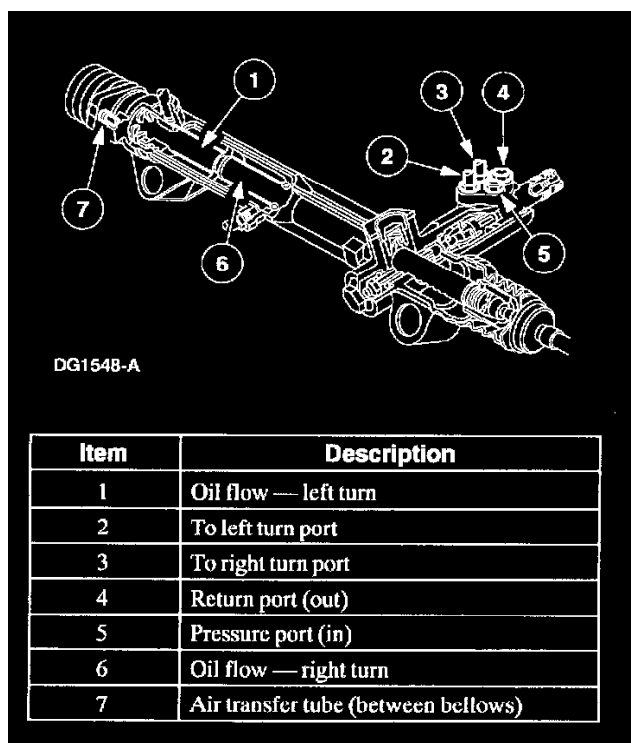
NOTE: Right side shown, left side symmetrically opposite.

NOTE: These cutaway views are accurate in the area that is highlighted. Variations in body construction and sheet metal layers will vary, depending on the area of the body.

**Steering Gear**



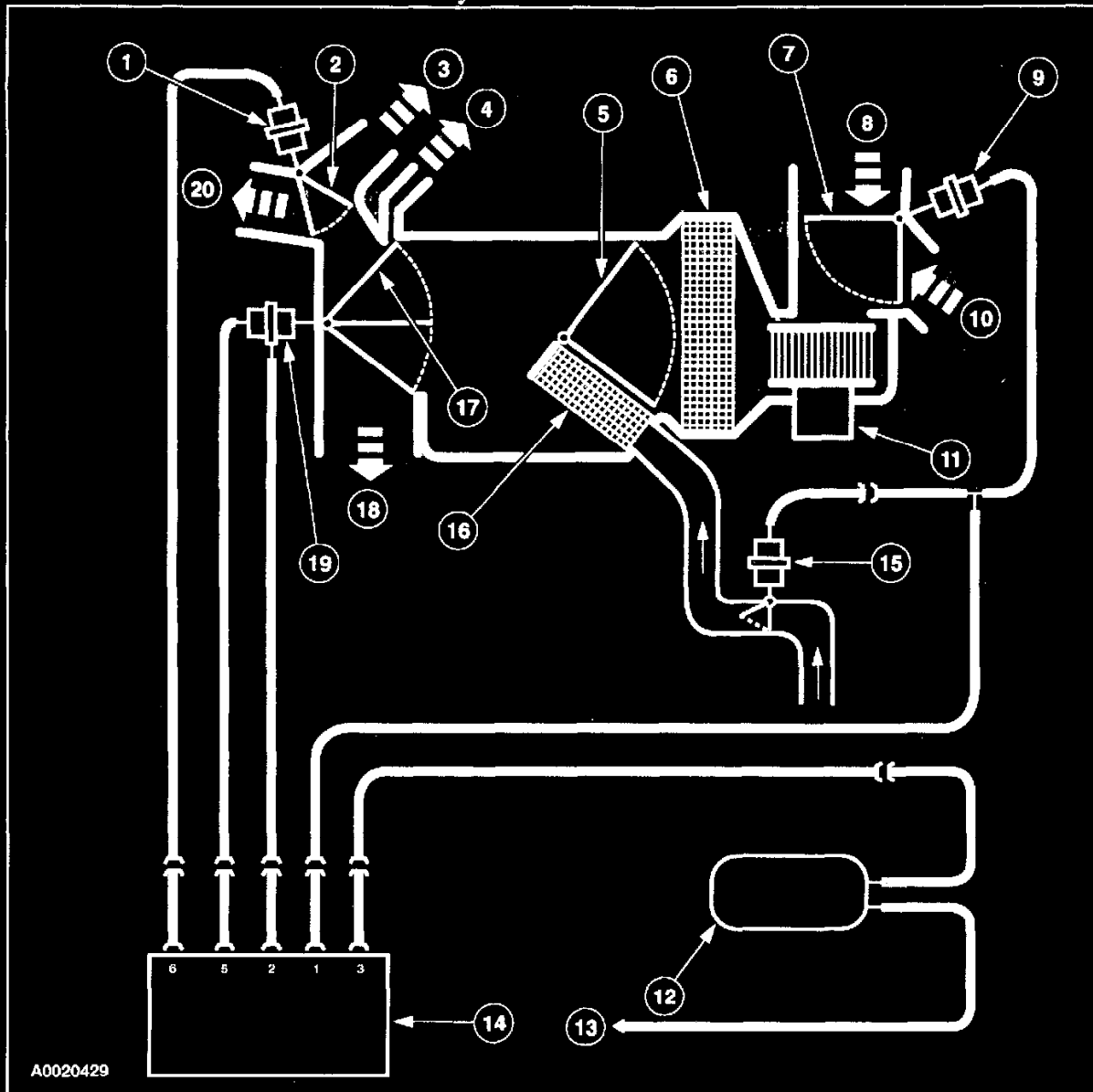
Steering Gear Mounting



Steering Gear

System Diagram

Vacuum Schematic — Manual Climate Control System



Item	Description
1	Vacuum control motor—panel/defrost door
2	Panel/defrost door (full vacuum position)
3	Defrost airflow
4	Side window demister airflow
5	Temperature blend door (full heat position)
6	A/C evaporator core

(Continued)

Item	Description
7	Recirculation air duct door (full vacuum position)
8	Outside air inlet
9	Vacuum control motor—recirculation air duct door
10	Recirculated air inlet
11	Blower motor

(Continued)

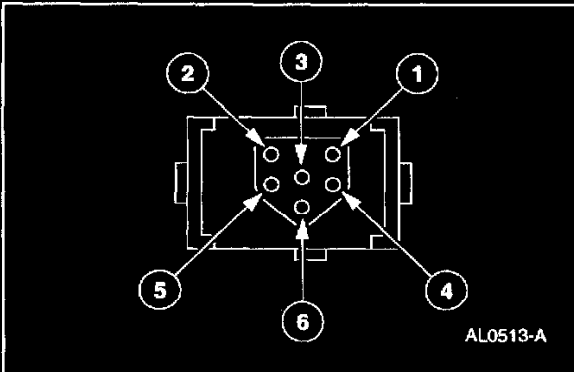
Item	Description
12	Vacuum reservoir tank
13	Vacuum from the engine intake manifold
14	Function selector switch
15	Heater control valve
16	Heater core

(Continued)

Item	Description
17	Floor/panel door (full vacuum position)
18	Floor airflow
19	Vacuum control motor—floor/panel door
20	Instrument panel vent airflow

Vacuum Schematic-Manual Climate Control System, Part 2

Vacuum Connector End View — Manual A/C



Port Number	Line Color	Function
1	White	Recirculation air duct door and heater control valve
2	Yellow	Floor/panel door
3	Black	Vacuum source
4	—	Not used
5	Blue	Floor/panel door
6	Red	Panel/defrost door

Vacuum Connector End View - Manual A/C

VACUUM APPLICATION CHART—MANUAL A/C

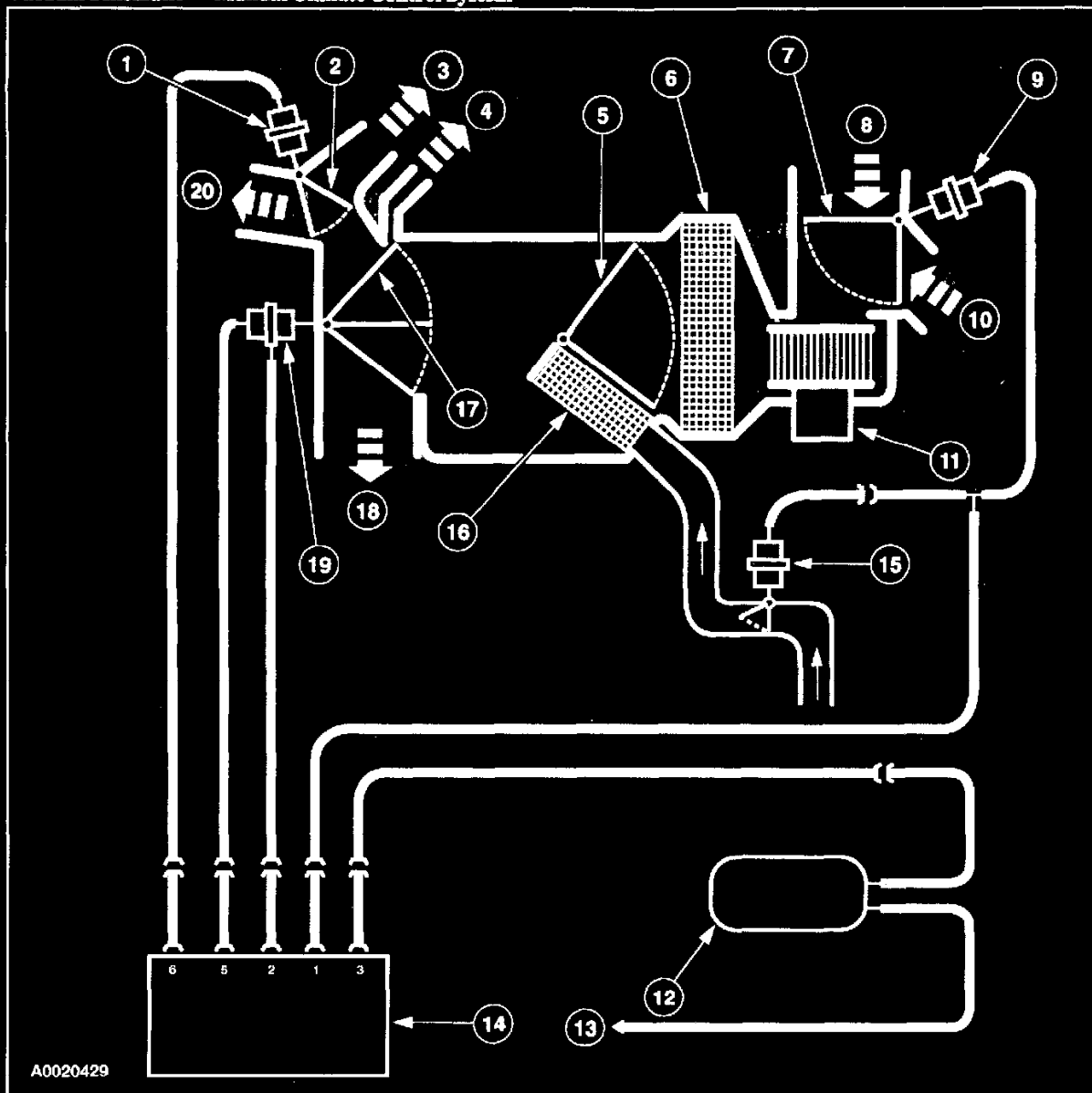
Port Number	Line Color	Function	Function Selector Switch Position							
			MAX A/C	A/C	VENT	OFF	FLR/ PNL	FLR	FLR/ DEF	DEF
1	White	Outside/recirculated air, heater control valve	V	NV	NV	V	NV	NV	NV	NV
2	Yellow	Floor/panel	NV	NV	NV	V	NV	V	NV	NV
3	Black	Vacuum source	V	V	V	V	V	V	V	V
5	Blue	Full floor	NV	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

Control Assembly, HVAC

Vacuum Schematic — Manual Climate Control System

A0020429

Item	Description
1	Vacuum control motor—panel/defrost door
2	Panel/defrost door (full vacuum position)
3	Defrost airflow
4	Side window demister airflow
5	Temperature blend door (full heat position)
6	A/C evaporator core

(Continued)

Item	Description
7	Recirculation air duct door (full vacuum position)
8	Outside air inlet
9	Vacuum control motor—recirculation air duct door
10	Recirculated air inlet
11	Blower motor

(Continued)

Vacuum Schematic-Manual Climate Control System, Part 1

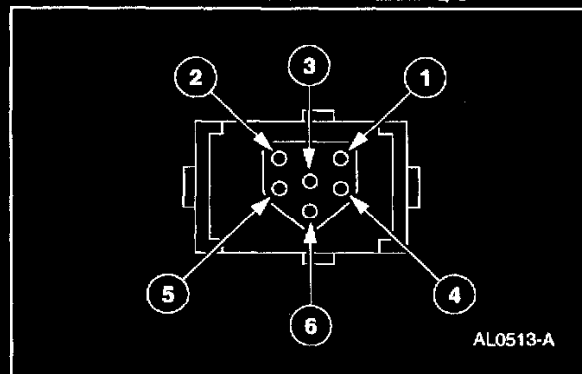
Item	Description
12	Vacuum reservoir tank
13	Vacuum from the engine intake manifold
14	Function selector switch
15	Heater control valve
16	Heater core

(Continued)

Item	Description
17	Floor/panel door (full vacuum position)
18	Floor airflow
19	Vacuum control motor—floor/panel door
20	Instrument panel vent airflow

Vacuum Schematic-Manual Climate Control System, Part 2

Vacuum Connector End View — Manual A/C



AL0513-A

Port Number	Line Color	Function
1	White	Recirculation air duct door and heater control valve
2	Yellow	Floor/panel door
3	Black	Vacuum source
4	—	Not used
5	Blue	Floor/panel door
6	Red	Panel/defrost door

Vacuum Connector End View - Manual A/C

VACUUM APPLICATION CHART—MANUAL A/C

Port Number	Line Color	Function	Function Selector Switch Position							
			MAX A/C	A/C	VENT	OFF	FLR/PNL	FLR	FLR/DEF	DEF
1	White	Outside/recirculated air, heater control valve	V	NV	NV	V	NV	NV	NV	NV
2	Yellow	Floor/panel	NV	NV	NV	V	NV	V	NV	NV
3	Black	Vacuum source	V	V	V	V	V	V	V	V
5	Blue	Full 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

By Component ID Number

A7	ABS control module engine compartment, LH side, rear
A11	Radio behind dash panel, center
A14	Subwoofer amplifier vehicle rear end, RH side - Sport, Early production
A14	Subwoofer amplifier rear window, RH side - Sport Trac, Late production
A30	Instrument cluster behind instrument cluster
A31	Fuel tank unit vehicle underbody, on fuel tank
A42	Driver air bag module in steering wheel
A43	Passenger air bag module behind dash panel, RH side
A47	Instrument panel dimming module dash panel, LH side
A102	Passive anti-theft transceiver module behind dash panel, RH side - Early production
A112	Generic Electronic Module behind dash panel, center
A143	Overhead console in roof panel, front
A147	Powertrain Control Module (PCM) engine compartment, center, rear
A151	Antenna engine compartment, RH side, rear
A154	Side air bag module, right vehicle floor, under passenger seat - Sport

A155	Side air bag module, left vehicle floor, under driver seat - Sport
A208	Restraints Control Module center console, under dash panel
A214	Roof opening panel module in roof panel, front
A244	Key pad switch assembly in driver door, rear, center
A253	Daytime Running Lamps module engine compartment, LH side, front
A254	5R55E Transmission transmission, front
A255	Four-wheel drive control module RH rocker panel
A256	Remote Anti-theft Personality (RAP) module rear window, LH side - Sport Trac, Early production
A256	RAP module vehicle rear end, LH side - Sport, Early production
A257	Transfer case assembly vehicle floor, under center console - Sport
A257	Transfer case assembly vehicle floor, under center console - Sport Trac
A262	Central security module behind dash panel, RH side - Late production
A271	Passive anti-theft transceiver in steering wheel
A277	Belt minder module behind dash panel, center - Early production
B8	Throttle Position Sensor engine compartment, center
B10	Engine Coolant Temperature (ECT) sensor engine compartment, center
B14	Wheel speed sensor, right front engine compartment, RH side, front
B15	Wheel speed sensor, left front engine compartment, LH side, front
B22	Mass Air Flow sensor engine compartment, RH side, center
B25	Rear axle speed sensor vehicle underbody, center, rear
B41	Camshaft position sensor engine compartment, center
B43	Crankshaft position sensor engine compartment, center, front
B45	Knock sensor engine compartment, center, bottom, rear
B47	Heated Oxygen Sensor (H02S) #21 transmission, front - automatic transmission
B47	H02S #21 transmission, front - manual transmission
B48	H02S #11 engine compartment, center, rear
B88	H02S #12 transmission, front - automatic transmission
B88	H02S #12 transmission, front - manual transmission
B110	Output shaft speed sensor (OSS) transmission, rear - automatic transmission
B110	OSS transmission, front, rear - manual transmission
B118	Side air bag sensor, right vehicle floor, under passenger seat - Sport
B119	Side air bag sensor, left LH B-pillar, bottom - Sport
B203	Ambient air temperature sensor engine compartment, RH side, front
B227	ECT sender engine compartment, center
B234	Digital Transmission Range sensor transmission, center
B235	Intermediate Shaft Speed sensor transmission, center - Late production
B257	Differential Pressure Feedback EGR sensor engine compartment, center
D16	ABS test connector engine compartment, LH side, center
D20	Data Link Connector under dash panel, driver side
E1	Headlamp, left engine compartment, LH side, front
E7	Headlamp, right engine compartment, RH side, front
E28	Glove box lamp behind dash panel, RH side
E34	License plate lamp, right rear bumper, RH side - Sport Trac
E34	License plate lamp, left in liftgate, center - Sport
E35	License plate lamp, left rear bumper, LH side - Sport Trac
E35	License plate lamp, right in liftgate, center - Sport
E39	Ashtray illumination lamp under dash panel, center
E42	Fog lamp, right front engine compartment, RH side, front
E43	Fog lamp, left front engine compartment, LH side, front
E105	Reversing lamp, left vehicle rear end, LH side
E109	Reversing lamp, right vehicle rear end, RH side
E164	Park/turn lamp, left front engine compartment, LH side, front
E166	Park/turn lamp, right front engine compartment, RH side, front
E174	High mounted stoplamp in roof panel, rear, center - Sport
E201	Trailer tow connector rear bumper, center
E222	Park/turn lamp, left rear vehicle rear end, LH side
E223	Park/turn lamp, right rear vehicle rear end, RH side
E237	Cargo lamp assembly in roof panel, rear - Sport Trac
E238	Interior/map lamps assembly, front in roof panel, front
E239	Interior/map lamps assembly, rear in roof panel, rear
E239	Interior/map lamps assembly, rear in roof panel, rear, center
F1.1	in Battery Junction Box (BJB)
F1.3	in BJB - Sport Trac
F1.6	in BJB
F1.7	in BJB

F1.11	in BJB
F1.12	in BJB
F1.13	in BJB
F1.16	in BJB
F1.17	in BJB - Sport
F1.21	in BJB
F1.22	in BJB
F1.23	in BJB
F1.24	in BJB
F1.25	in BJB
F1.27	in BJB - Sport Trac
F1.28	in BJB
F1.29	in BJB
F1.31	in BJB - Sport Trac
F1.31	in BJB - Sport, Late production.
F1.33	in BJB
F1.34	in BJB - Sport
F1.38	in BJB
F1.41	in BJB
F1.42	in BJB
F2.1	in Central Junction Box (CJB)
F2.2	in CJB
F2.3	in CJB
F2.4	in CJB - Late production
F2.5	in CJB
F2.6	in CJB
F2.7	in CJB
F2.9	in CJB
F2.10	in CJB
F2.11	in CJB
F2.12	in CJB
F2.13	in CJB
F2.14	in CJB
F2.15	in CJB
F2.16	in CJB
F2.17	in CJB
F2.18	in CJB
F2.19	in CJB
F2.20	in CJB
F2.21	in CJB
F2.22	in CJB
F2.24	in CJB
F2.25	in CJB
F2.26	in CJB
F2.27	in CJB
F2.28	in CJB
F2.29	in CJB
F2.30	in CJB
F2.31	in CJB
F2.32	in CJB
F2.33	in CJB
F2.34	in CJB
F2.35	in CJB
F2.36	in CJB
H1	Horn engine compartment, RH side, front
K1	Rear window defrost relay behind dash panel, center - Sport
K2	Indicator flasher relay Auxiliary relay box 2
K4	Fuel pump relay in BJB
K22	Starter relay in BJB
K26	Fog lamp relay in BJB
K33	Horn relay in BJB
K50	One-touch window relay Auxiliary relay box 2
K52	Park lamp relay in BJB - Sport Trac
K52	Park lamp relay Auxiliary relay box 3 - Sport, Early production
K52	Park lamp relay behind dash panel, RH side - Sport, Late production

K73	Blower motor relay in BJB
K107	A/C clutch relay in BJB
K115	Battery saver relay Auxiliary relay box 2
K129	Door unlock relay RH rocker panel - Sport Trac, Early production
K129	Door unlock relay Auxiliary relay box 3 - Sport, Early production
K130	Door lock relay behind dash panel, center - Sport Trac, Early production
K130	Door lock relay Auxiliary relay box 3 - Sport, Early production
K131	Driver door unlock relay Auxiliary relay box 2- Sport Trac, Early production
K131	Driver door unlock relay Auxiliary relay box 3 - Sport, Early production
K137	Rear window wiper lower relay in BJB - Sport
K138	Rear window wiper raise relay in BJB - Sport
K140	Wiper run/park relay in BJB
K163	PCM power relay in BJB
K185	Washer pump relay, rear in BJB - Sport
K305	High speed fan control relay Auxiliary relay box 1
K316	Wiper high/low relay in BJB
K317	Windshield washer relay in BJB
K333	Interior lamps relay Auxiliary relay box 2
K335	Trailer tow relay Auxiliary relay box 2
K336	Window safety relay in BJB - Sport Trac
K336	Window safety relay Auxiliary relay box 2 - Sport
K337	Fog lamp isolation relay in BJB
M3	Heater blower motor engine compartment, RH side, rear
M8	Starter motor engine compartment, center, front
M64	Door lock actuator, left rear in LH rear door, rear, bottom - Sport Trac
M65	Door lock actuator, right rear in RH rear door, rear, bottom - Sport Trac
M79	Power window motor, passenger side front in passenger door, center, bottom
M80	Power window motor, driver side front in driver door, bottom, center
M87	Speed control servo engine compartment, RH side, rear
M111	Windshield wiper motor engine compartment, center, rear
M112	Windshield washer pump motor engine compartment, RH side, rear
M116	Power window motor, left rear in LH rear door, center - Sport Trac
M117	Power window motor, right rear in RH rear door, center - Sport Trac
M130	Rear blower motor center console, rear
M214	Power seat motor assembly, left vehicle floor, under driver seat
M218	Rear wiper motor assembly in liftgate, center - Sport
M220	Exterior rear view mirror, driver side in driver door, front, top
M221	Exterior rear view mirror, passenger side in passenger door, front, top
M225	Door lock actuator, driver side in driver door, rear, bottom
M226	Door lock actuator, passenger side in passenger door, rear, bottom
M245	Liftgate lock actuator in liftgate, LH side - Sport
M247	Rear window motor rear window, center - Sport Trac
M256	Temperature blend door actuator behind dash panel, RH side
N1	Brake fluid level switch engine compartment, LH side, rear
N10	Rear window defrost switch behind dash panel, center
N17	Oil pressure switch engine compartment, center, front
N19	Reversing lamps switch transmission, center - manual transmission
N52	Rear window wiper/washer switch behind dash panel, center - Sport
N54	Horn switch in steering wheel - without speed control
N62	Rear window wiper disable switch in liftgate, center - Sport
N63	Park brake switch LH rocker panel
N75	A/C compressor cycling switch engine compartment, RH side, rear
N78	Steering wheel/speed control switch in steering wheel - with speed control
N81	Clutch pedal position switch under dash panel, on clutch pedal support
N82	Brake pedal position switch under dash panel, on brake pedal support
N105	Window adjust switch, passenger side in passenger door, center, top
N110	Window adjust switch, right rear in RH rear door, front, top - Sport Trac
N111	Window adjust switch, left rear in LH rear door, front, top - Sport Trac
N113	Main light switch dash panel, LH side
N114	Fog lamp switch behind dash panel, center
N126	A/C high pressure switch engine compartment, center
N141	Four-wheel drive switch behind dash panel, center
N204	Door lock switch, driver side in driver door, front, center
N205	Door lock switch, passenger side in passenger door, center, top
N216	Seat adjust switch, driver side front vehicle floor, under driver seat

N237	Door ajar switch, driver side rear in LH rear door, rear, top - Sport Trac
N238	Door ajar switch, passenger side rear in RH rear door, rear, top - Sport Trac
N239	Door ajar switch, driver side front in driver door, rear, top
N240	Door ajar switch, passenger side front in passenger door, rear, top
N251	Power point under dash panel, center
N255	Liftgate door lock switch vehicle rear end, LH side - Sport
N278	Ignition switch instrument cluster, on steering column
N316	Inertia Fuel Shutoff switch RH rocker panel
N317	Safety belt buckle switch vehicle floor, under driver seat
N402	Liftgate ajar switch, left in liftgate, LH side - Sport
403	Liftgate ajar switch, right in liftgate, RH side - Sport
N405	Transmission control switch near steering column, LH side
N409	Exterior rear view mirror switch in driver door, front, top
N411	Roof opening panel switch in roof panel, front
N423	Deactivator switch engine compartment, LH side, center
N442	Multifunction switch instrument cluster, near steering column
N447	Master window adjust switch in driver door, front, center
N465	Rear window adjust switch behind dash panel, center - Sport Trac
O1	Battery engine compartment, LH side, center
O5	Generator engine compartment, center, front
O21	Power point vehicle rear end, LH side - Sport Trac
O26	Fusible link A engine compartment, LH side, center
O27	Fusible link B engine compartment, LH side, center
O28	Fusible link C engine compartment, LH side, center
O40	Power point center console, front
P82	Function selector switch assembly, front behind dash panel, near air conditioning/heating control unit
P83	Function selector switch assembly, rear center console, rear
P87	Rear Integrated Control Panel center console, rear
P91	CJB under dash panel, LH side
P93	BJB engine compartment, LH side, rear
P111	Auxiliary relay box 1 engine compartment, RH side, front
P112	Auxiliary relay box 2 behind instrument cluster
P113	Auxiliary relay box 3 vehicle rear end, LH side - Sport, Early production
P136	Spark plugs engine compartment, center, rear
P140	Air bag sliding contact in steering wheel
R19	Rear window defrost grid in liftgate, rear, top - Sport
R19	Rear window defrost grid in liftgate, LH side, top - Sport
R42	Cigar lighter, front under dash panel, center
R70	Resistor A vehicle floor, under driver seat - Sport
R71	Resistor B vehicle floor, under passenger seat - Sport
R77	Heater blower motor resistor, front engine compartment, RH side, rear
R78	Heater blower motor resistor, rear center console, rear
T1	Ignition coil engine compartment, center, rear
U10	Ignition transformer capacitor 1 engine compartment, center, rear
V7	A/C Compressor clutch diode engine compartment, center, front
V34	PCM Module power diode in BJB
Y17	Speaker, left rear in LH rear door, front, bottom - Sport Trac
Y17	Speaker, left rear vehicle rear end, LH side - Sport
Y18	Speaker, right front in passenger door, front, center
Y19	Speaker, right rear in RH rear door, front, bottom - Sport Trac
Y19	Speaker, right rear vehicle rear end, RH side - Sport
Y28	Speaker, left front in driver door, front, center
Y31	A/C clutch solenoid engine compartment, center, front
Y108	Injector 1 engine, RH side, front
Y109	Injector 2 engine, RH side, center
Y110	Injector 3 engine, RH side, rear
Y111	Injector 4 engine, LH side, front
Y112	Injector 5 engine, LH side, center
Y113	Injector 6 engine, LH side, rear
Y131	Evaporative emission canister vent valve vehicle underbody, LH side, rear
Y133	Idle air control valve engine compartment, center
Y134	EVAP canister purge valve engine compartment, LH side, front
Y205	EGR vacuum regulator solenoid engine compartment, center, rear
Y215	Brake shift interlock near steering column, LH side

By Component Name

5R55E Transmission transmission, front
A/C Compressor clutch diode engine compartment, center, front
A/C clutch relay in Battery Junction Box (**BJB**)
A/C clutch solenoid engine compartment, center, front
A/C compressor cycling switch engine compartment, RH side, rear
A/C high pressure switch engine compartment, center
ABS control module engine compartment, LH side, rear
ABS test connector engine compartment, LH side, center
Air bag sliding contact in steering wheel
Ambient air temperature sensor engine compartment, RH side, front
Antenna engine compartment, RH side, rear
Ashtray illumination lamp under dash panel, center
Auxiliary relay box 1 engine compartment, RH side, front
Auxiliary relay box 2 behind instrument cluster
Auxiliary relay box 3 vehicle rear end, LH side - Sport, Early production
BJB engine compartment, LH side, rear
Battery engine compartment, LH side, center
Battery saver relay Auxiliary relay box 2
Belt minder module behind dash panel, center - Early production
Blower motor relay in BJB
Brake fluid level switch engine compartment, LH side, rear
Brake pedal position switch under dash panel, on brake pedal support
Brake shift interlock near steering column, LH side
Camshaft position sensor engine compartment, center
Cargo lamp assembly in roof panel, rear - Sport Trac
Central Junction Box (**CJB**) under dash panel, LH side
Central security module behind dash panel, RH side - Late production
Cigar lighter, front under dash panel, center
Clutch pedal position switch under dash panel, on clutch pedal support
Crankshaft position sensor engine compartment, center, front
Data Link Connector under dash panel, driver side
Daytime Running Lamps module engine compartment, LH side, front
Deactivator switch engine compartment, LH side, center
Differential Pressure Feedback EGR sensor engine compartment, center
Digital Transmission Range sensor transmission, center
Door ajar switch, driver side front in driver door, rear, top
Door ajar switch, driver side rear in LH rear door, rear, top - Sport Trac
Door ajar switch, passenger side front in passenger door, rear, top
Door ajar switch, passenger side rear in RH rear door, rear, top
Door lock actuator, driver side in driver door, rear, bottom
Door lock actuator, left rear in LH rear door, rear, bottom - Sport Trac
Door lock actuator, passenger side in passenger door, rear, bottom
Door lock actuator, right rear in RH rear door, rear, bottom - Sport Trac
Door lock relay Auxiliary relay box 3 - Sport, Early production
Door lock relay behind dash panel, center - Sport Trac, Early production
Door lock switch, driver side in driver door, front, center
Door lock switch, passenger side in passenger door, center, top
Door unlock relay Auxiliary relay box 3 - Sport, Early production
Door unlock relay RH rocker panel - Sport Trac, Early production
Driver air bag module in steering wheel
Driver door unlock relay Auxiliary relay box 2- Sport Trac, Early production
Driver door unlock relay Auxiliary relay box 3 - Sport, Early production
EGR vacuum regulator solenoid engine compartment, center, rear
EVAP canister purge valve engine compartment, LH side, front
Engine Coolant Temperature (**ECT**) sender engine compartment, center
ECT sensor engine compartment, center
Evaporative emission canister vent valve vehicle underbody, LH side, rear
Exterior rear view mirror switch in driver door, front, top
Exterior rear view mirror, driver side in driver door, front, top
Exterior rear view mirror, passenger side in passenger door, front, top
Fog lamp isolation relay in BJB
Fog lamp relay in BJB
Fog lamp switch behind dash panel, center
Fog lamp, left front engine compartment, LH side, front
Fog lamp, right front engine compartment, RH side, front

Four-wheel drive control module RH rocker panel
Four-wheel drive switch behind dash panel, center
Fuel pump relay in BJB
Fuel tank unit vehicle underbody, on fuel tank
Function selector switch assembly, front behind dash panel, near air conditioning/heating control unit
Function selector switch assembly, rear center console, rear
Fusible link A engine compartment, LH side, center
Fusible link B engine compartment, LH side, center
Fusible link C engine compartment, LH side, center
Generator engine compartment, center, front
Generic Electronic Module behind dash panel, center
Glove box lamp behind dash panel, RH side
Headlamp, left engine compartment, LH side, front
Headlamp, right engine compartment, RH side, front
Heated Oxygen Sensor (**H02S**) #11 engine compartment, center, rear
H02S #12 transmission, front - automatic transmission
H02S #21 transmission, front - automatic transmission
H02S #21 transmission, front - manual transmission
H02S #12 transmission, front - manual transmission
Heater blower motor engine compartment, RH side, rear
Heater blower motor resistor, front engine compartment, RH side, rear
Heater blower motor resistor, rear center console, rear
High mounted stoplamp in roof panel, rear, center - Sport
High speed fan control relay Auxiliary relay box 1
Horn engine compartment, RH side, front
Horn relay in BJB
Horn switch in steering wheel - without speed control
Idle air control valve engine compartment, center
Ignition coil engine compartment, center, rear
Ignition switch instrument cluster, on steering column
Ignition transformer capacitor 1 engine compartment, center, rear
Indicator flasher relay Auxiliary relay box 2
Inertia Fuel Shutoff switch RH rocker panel
Injector 1 engine, RH side, front
Injector 2 engine, RH side, center
Injector 3 engine, RH side, rear
Injector 4 engine, LH side, front
Injector 5 engine, LH side, center
Injector 6 engine, LH side, rear
Instrument cluster behind instrument cluster
Instrument panel dimming module dash panel, LH side
Interior lamps relay Auxiliary relay box 2
Interior/map lamps assembly, front in roof panel, front
Interior/map lamps assembly, rear in roof panel, rear - Sport Trac
Interior/map lamps assembly, rear in roof panel, rear, center - Sport
Intermediate Shaft Speed sensor transmission, center - Late production
Key pad switch assembly in driver door, rear, center
Knock sensor engine compartment, center, bottom, rear
License plate lamp, left in liftgate, center - Sport
License plate lamp, left rear bumper, LH side - Sport Trac
License plate lamp, right in liftgate, center - Sport
License plate lamp, right rear bumper, RH side - Sport Trac
Liftgate ajar switch, left in liftgate, LH side - Sport
Liftgate ajar switch, right in liftgate, RH side - Sport
Liftgate door lock switch vehicle rear end, LH side - Sport
Liftgate lock actuator in liftgate, LH side - Sport
Main light switch dash panel, LH side
Mass Air Flow sensor engine compartment, RH side, center
Master window adjust switch in driver door, front, center
Multifunction switch instrument cluster, near steering column
Oil pressure switch engine compartment, center, front
One-touch window relay Auxiliary relay box 2
Output shaft speed sensor (**OSS**) transmission, front, rear - manual transmission
OSS transmission, rear - automatic transmission
Overhead console in roof panel, front
PCM Module power diode in BJB

PCM power relay in BJB
Park brake switch LH rocker panel
Park lamp relay Auxiliary relay box 3 - Sport, Early production
Park lamp relay behind dash panel, RH side - Sport, Late production
Park lamp relay in BJB - Sport Trac
Park/turn lamp, left front engine compartment, LH side, front
Park/turn lamp, left rear vehicle rear end, LH side
Park/turn lamp, right front engine compartment, RH side, front
Park/turn lamp, right rear vehicle rear end, RH side
Passenger air bag module behind dash panel, RH side
Passive anti-theft transceiver in steering wheel
Passive anti-theft transceiver module behind dash panel, RH side - Early production
Power point center console, front
Power point under dash panel, center
Power point vehicle rear end, LH side - Sport Trac
Power seat motor assembly, left vehicle floor, under driver seat
Power window motor, driver side front in driver door, bottom, center
Power window motor, left rear in LH rear door, center - Sport Trac
Power window motor, passenger side front in passenger door, center, bottom
Power window motor, right rear in RH rear door, center - Sport Trac
Powertrain Control Module (PCM) engine compartment, center, rear
Radio behind dash panel, center
Rear Integrated Control Panel center console, rear
Rear axle speed sensor vehicle underbody, center, rear
Rear blower motor center console, rear
Rear window adjust switch behind dash panel, center - Sport Trac
Rear window defrost grid in liftgate, LH side, top - Sport
Rear window defrost grid in liftgate, rear, top - Sport
Rear window defrost relay behind dash panel, center - Sport
Rear window defrost switch behind dash panel, center
Rear window motor rear window, center - Sport Trac
Rear window wiper disable switch in liftgate, center - Sport
Rear window wiper lower relay in BJB - Sport
Rear window wiper raise relay in BJB - Sport
Rear window wiper/washer switch behind dash panel, center - Sport
Rear wiper motor assembly in liftgate, center - Sport
Remote Anti-theft Personality (RAP) module rear window, LH side - Sport Trac, Early production
RAP module vehicle rear end, LH side - Sport, Early production
Resistor A vehicle floor, under driver seat - Sport
Resistor B vehicle floor, under passenger seat - Sport
Restraints Control Module center console, under dash panel
Reversing lamp, left vehicle rear end, LH side
Reversing lamp, right vehicle rear end, RH side
Reversing lamps switch transmission, center - manual transmission
Roof opening panel module in roof panel, front
Roof opening panel switch in roof panel, front
Safety belt buckle switch vehicle floor, under driver seat
Seat adjust switch, driver side front vehicle floor, under driver seat
Side air bag module, left vehicle floor, under driver seat - Sport
Side air bag module, right vehicle floor, under passenger seat - Sport
Side air bag sensor, left LH B-pillar, bottom - Sport
Side air bag sensor, right vehicle floor, under passenger seat - Sport
Spark plugs engine compartment, center, rear
Speaker, left front in driver door, front, center
Speaker, left rear in LH rear door, front, bottom - Sport Trac
Speaker, left rear vehicle rear end, LH side - Sport
Speaker, right front in passenger door, front, center
Speaker, right rear in RH rear door, front, bottom - Sport Trac
Speaker, right rear vehicle rear end, RH side - Sport
Speed control servo engine compartment, RH side, rear
Starter motor engine compartment, center, front
Starter relay in BJB
Steering wheel/speed control switch in steering wheel - with speed control
Subwoofer amplifier rear window, RH side - Sport Trac, Late production
Subwoofer amplifier vehicle rear end, RH side - Sport, Early production
Temperature blend door actuator behind dash panel, RH side

Throttle Position Sensor engine compartment, center
 Trailer tow connector rear bumper, center
 Trailer tow relay Auxiliary relay box 2
 Transfer case assembly vehicle floor, under center console
 Transmission control switch near steering column, LH side
 Washer pump relay, rear in BJB - Sport
 Wheel speed sensor, left front engine compartment, LH side, front
 Wheel speed sensor, right front engine compartment, RH side, front
 Window adjust switch, left rear in LH rear door, front, top - Sport Trac .
 Window adjust switch, passenger side in passenger door, center, top
 Window adjust switch, right rear in RH rear door, front, top - Sport Trac
 Window safety relay Auxiliary relay box 2 - Sport
 Window safety relay in BJB - Sport Trac
 Windshield washer pump motor engine compartment, RH side, rear
 Windshield washer relay in BJB
 Windshield wiper motor engine compartment, center, rear
 Wiper high/low relay in BJB
 Wiper run/park relay in BJB

Connectors

C100 engine compartment, center, front
C101 engine compartment, center, front
C102a engine compartment, center, front
C102b engine compartment, center, front
C103 engine compartment, center, front
C109 engine compartment, center, bottom, rear
C110 engine compartment, center
C122 engine compartment, RH side, rear
C124 engine compartment, LH side, rear
C125 engine compartment, center, rear
C126 engine compartment, LH side, center
C128 engine compartment, RH side, center
C131 engine compartment, RH side, front
C132 engine compartment, RH side, front
C133 engine compartment, center, rear
C134 engine compartment, center, rear
C135 engine compartment, LH side, rear
C137 engine compartment, RH side, rear
C139 engine compartment, LH side, center
C141 transmission, center - Early production
C142 transmission, front - automatic transmission
C142 transmission, front - manual transmission
C144 engine compartment, LH side, rear
C146 engine compartment, LH side, rear
C150 engine compartment, LH side, front
C152 engine compartment, LH side, front
C160 engine compartment, RH side, front
C162 engine compartment, RH side, front
C164 transmission, center - Late production
C167 transmission, center
C169 transmission, center - manual transmission
C171 engine compartment, center, rear
C172 transmission, front - automatic transmission
C172 transmission, front - manual transmission
C174 engine compartment, center, rear
C175 engine compartment, center, rear
C180 engine compartment, center
C181 engine, RH side, front
C182 engine, RH side, center
C183 engine, RH side, rear
C184 engine, LH side, front
C185 engine, LH side, center
C186 engine, LH side, rear
C189 engine compartment, center
C193 transmission, rear

C197a	engine compartment, center, front
C197b	engine compartment, center, front
C199	transmission, front
C201a	behind dash panel, center - Early production
C201b	behind dash panel, center - Early production
C201c	behind dash panel, center - Early production
C202a	instrument cluster, near steering column
C202b	instrument cluster, near steering column
C205	dash panel, LH side
C206	dash panel, LH side
C210	RH rocker panel
C211	RH rocker panel
C212	on steering column, rear
C213	center console, front
C214	center console, front
C215	behind dash panel, LH side
C218a	in steering wheel
C218b	in steering wheel
C219	LH rocker panel
C220a	behind instrument cluster
C220b	behind instrument cluster
C220c	behind instrument cluster
C237	RH rocker panel
C238	RH rocker panel
C239	behind dash panel, LH side
C240	behind dash panel, center
C241	behind dash panel, center
C250	instrument cluster, on steering column
C251	under dash panel, driver side
C252	behind dash panel, RH side - Early production
C254	behind dash panel, RH side
C256	behind dash panel, RH side
C257	under dash panel, on clutch pedal support
C274a	behind dash panel, RH side - Late production
C274b	behind dash panel, RH side - Late production
C278	under dash panel, on brake pedal support
C279	near steering column, LH side
C281a	RH rocker panel
C281b	RH rocker panel
C282	RH rocker panel
C284	behind dash panel, center
C289	behind dash panel, RH side
C290a	behind dash panel, center
C290b	behind dash panel, center
C290c	behind dash panel, center
C294a	behind dash panel, near air conditioning/heating control unit
C294b	behind dash panel, near air conditioning/heating control unit
C294c	behind dash panel, near air conditioning/heating control unit
C294d	behind dash panel, near air conditioning/heating control unit
C304	vehicle floor, under passenger seat - Sport
C305	LH B-pillar, bottom - Sport
C309a	rear window, LH side - Sport Trac, Early production
C309a	vehicle rear end, LH side - Sport, Early production
C309b	rear window, LH side - Sport Trac, Early production
C309b	vehicle rear end, LH side - Sport, Early production
C311	vehicle underbody, LH side, center
C312	vehicle floor, under passenger seat - Sport
C313	vehicle floor, under driver seat
C314	vehicle floor, under driver seat - Sport
C316	vehicle floor, under driver seat
C323	vehicle floor, under driver seat
C327	RH B-pillar, center - Sport Trac
C328	LH B-pillar, center - Sport Trac
C337	vehicle floor, under passenger seat - Sport
C339	vehicle underbody, LH side, center

C340	vehicle underbody, LH side, center
C349	center console, rear
C350	vehicle floor, under center console - Sport
C350	vehicle floor, under center console - Sport Trac
C351	rear window, center - Sport Trac
C357	vehicle floor, under driver seat
C360	vehicle floor, under driver seat
C367	vehicle floor, under driver seat - Sport
C369	vehicle floor, under driver seat - Sport Trac
C380	center console, front
C395	vehicle rear end, LH side - Sport
C396	vehicle rear end, RH side - Sport
C402a	in liftgate, LH side, top - Sport
C402b	in liftgate, rear, top - Sport
C406	in liftgate, LH side - Sport
C408	in liftgate, LH side - Sport
C410	in liftgate, LH side - Sport
C412	vehicle rear end, LH side
C415	vehicle rear end, RH side
C421	rear bumper, LH side - Sport Trac
C422	rear bumper, LH side - Sport Trac
C433	vehicle underbody, on fuel tank - without flex fuel
C439	rear bumper, center - Sport
C439	rear bumper, center - Sport Trac
C450	vehicle underbody, LH side, rear
C451	vehicle rear end, LH side - Sport
C451	vehicle rear end, LH side - Sport Trac
C452	in liftgate, center - Sport
C454	rear bumper, LH side - Sport Trac
C455	vehicle underbody, center, rear
C456	vehicle rear end, LH side - Sport
C457	in liftgate, LH side - Sport
C458	in liftgate, LH side - Sport
C459	in liftgate, RH side - Sport
C461	vehicle rear end, RH side
C462	in liftgate, center - Sport
C464	rear bumper, RH side - Sport Trac
C466	vehicle rear end, RH side - Sport, Early production
C466	rear window, RH side - Sport Trac, Late production
C467	in liftgate, center - Sport
C474	vehicle rear end, LH side - Sport Trac
C476	in liftgate, center - Sport
C500	in driver door, rear, center
C504a	in driver door, front, center
C504b	in driver door, front, center
C505	in driver door, front, center
C510	in driver door, front, center
C520	in driver door, front, top
C521	in driver door, front, top
C523	in driver door, front, center
C524	in driver door, bottom, center
C525	in driver door, rear, bottom
C526a	in driver door, rear, top
C526b	in driver door, rear, top
C527	in driver door, front, top
C601	in passenger door, front, top
C602a	in passenger door, rear, top
C602b	in passenger door, rear, top
C603	in passenger door, rear, bottom
C604	in passenger door, center, top
C605	in passenger door, center, top
C608	in passenger door, center, bottom
C612	in passenger door, front, center
C615	in passenger door, front, top
C701	in LH rear door, front, top - Sport Trac

C702	in LH rear door, front, bottom - Sport Trac
C703	in LH rear door, center - Sport Trac
C704	in LH rear door, rear, bottom Sport Trac
C715a	in LH rear door, rear, top - Sport Trac
C715b	in LH rear door, rear, top - Sport Trac
C801	in RH rear door, front, top - Sport
C802	in RH rear door, front, bottom - Sport Trac
C803	in RH rear door, center - Sport Trac
C804	in RH rear door, rear, bottom Sport Trac
C820a	in RH rear door, rear, top - Sport Trac
C820b	in RH rear door, rear, top - Sport Trac
C904	in roof panel, rear, center - Sport
C912	in roof panel, front
C919	in roof panel, rear, LH side - Sport
C921	in roof panel, front
C922	in roof panel, rear, center - Sport
C925	in roof panel, rear, LH side - Sport
C927	in roof panel, rear - Sport Trac
C930	in roof panel, front
C931a	in roof panel, front
C931b	in roof panel, front
C932a	in roof panel, rear - Sport Trac
C932a	in roof panel, rear, center - Sport
C932b	in roof panel, rear - Sport Trac
C932b	in roof panel, rear, center - Sport
C1001	in Battery Junction Box (BJB)
C1002	in BJB
C1004	in BJB
C1006	in BJB
C1007	in BJB
C1008	in BJB
C1011	in BJB
C1016	in BJB
C1017	in BJB
C1018	in BJB
C1021	engine compartment, LH side, front
C1023	engine compartment, LH side, front
C1025	engine compartment, LH side, center
C1029	engine compartment, LH side, front
C1030	engine compartment, LH side, front
C1031	engine compartment, RH side, rear
C1032	engine compartment, RH side, rear
C1035	engine compartment, LH side, rear
C1036	in BJB - Sport
C1037	in BJB - Sport
C1038	in BJB
C1039	in BJB - Sport
C1041	engine compartment, RH side, front
C1043	engine compartment, RH side, front
C1051	in BJB
C1056	Auxiliary relay box 1
C1061	engine compartment, center
C1064	engine compartment, center
C1065	engine compartment, center, rear
C1066	engine compartment, center
C1068	engine compartment, center
C1072	engine compartment, center, rear
C1078	engine compartment, center
C1081	engine compartment, RH side, rear
C1095	in BJB - Sport Trac
C1096	in BJB - Sport Trac
C1100a	engine compartment, LH side, center
C1100b	engine compartment, LH side, center
C1107	transmission, LH side, rear - manual transmission
C2000	behind dash panel, center

C2007	in steering wheel - Early production
C2008	near steering column, LH side
C2013a	behind dash panel, center - Early production
C2013b	behind dash panel, center - Early production
C2014	under dash panel, center
C2015	LH rocker panel
C2021	behind dash panel, center
C2022	Auxiliary relay box 2
C2031a	under dash panel, center
C2031b	under dash panel, center
C2033	under dash panel, center
C2041a	center console, under dash panel
C2041b	center console, under dash panel
C2047	Auxiliary relay box 2
C2048	Auxiliary relay box 2
C2049	Auxiliary relay box 2
C2051	Auxiliary relay box 2
C2058	Auxiliary relay box 2
C2059	behind dash panel, RH side - Sport, Late production
C2060	behind dash panel, center
C2061	RH rocker panel - Early production
C2062	behind dash panel, center - Early production
C2063	Auxiliary relay box 2- Early production
C2097	in steering wheel - Late production
C2100a	behind dash panel, center Late production
C2100b	behind dash panel, center - Late production
C3002	center console, rear
C3003	center console, rear
C3006	center console, rear
C3007	rear window, RH side - Sport Trac
C3010	Auxiliary relay box 3 - Sport
C3011	Auxiliary relay box 3 - Sport
C3012	Auxiliary relay box 3 - Sport
C3013	Auxiliary relay box 3 - Sport
C4033	vehicle underbody, on fuel tank - with flex fuel

Grounds

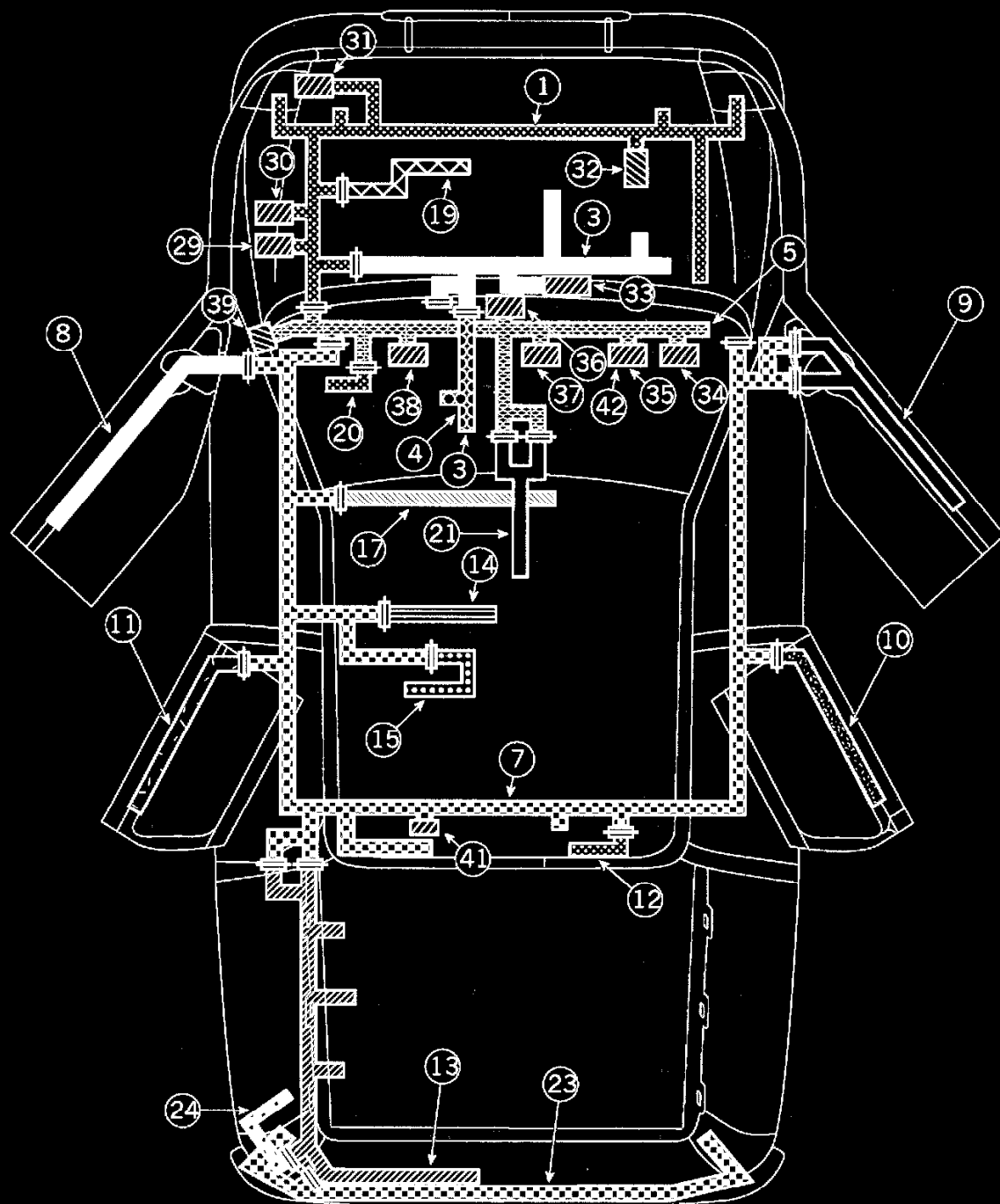
G100	engine compartment, center, rear
G101	engine compartment, LH side, front
G102	engine compartment, LH side, front
G103	engine compartment, LH side, front
G104	engine compartment, LH side, front
G105	engine compartment, RH side, center
G106	engine compartment, RH side, center
G107	engine compartment, LH side, front
G108	engine compartment, center, front
G200	RH rocker panel
G201	RH rocker panel
G202	RH rocker panel
G203	RH rocker panel
G204	center console, under dash panel
G300	LH rocker panel
G400	in liftgate, center
G900	in roof panel, rear, center
G901	in roof panel, front
G902	in liftgate, rear, top

Splices

S100	engine compartment, center, rear
S101	engine, LH side, front
S102	engine, LH side, front
S103	engine, LH side, center
S104	engine, LH side, center
S105	engine compartment, center, rear
S106	engine compartment, center, rear
S107	engine compartment, center, rear

S108	engine compartment, center, rear
S109	engine compartment, LH side, rear
S110	engine compartment, LH side, rear
S111	engine compartment, LH side, rear
S112	engine compartment, LH side, rear
S113	engine compartment, LH side, rear
S114	engine compartment, LH side, rear
S115	engine compartment, LH side, center
S116	engine compartment, LH side, center
S117	engine compartment, LH side, center
S118	engine compartment, LH side, center
S119	engine compartment, LH side, front
S120	engine compartment, center, RH side
S121	engine compartment, center, RH side
S122	engine compartment, center, RH side
S123	engine compartment, center, RH side
S124	engine compartment, center, RH side
S125	engine compartment, center, front
S126	engine compartment, center, front
S127	engine compartment, RH side, rear
S128	engine compartment, center, rear
S129	engine compartment, center, rear
S130	engine compartment, LH side, center
S131	engine compartment, LR side, center
S132	engine compartment, center, rear
S133	engine, RH side, front
S134	engine, RH side, rear
S135	engine, LH side, front
S136	engine compartment, center
S137	engine compartment, center
S138	engine compartment, center
S139	engine compartment, center
S140	engine compartment, center, rear
S141	transmission, front
S142	engine compartment, center, rear
S143	engine compartment, center, rear
S144	transmission, rear
S145	engine compartment, center, rear

Harness

Sport Trac

⌘ Connector

Item	Description
1	Wiring harness - Dash panel to headlamp junction
2	Wiring harness - Wiring harness – Dash panel to engine
3	Wiring harness - Engine controls Sensor + fuel charge
4	Wiring harness - Engine controls Sensor Extension Early production
5	Wiring harness - Main
6	Wiring harness - Window regulator jumper
7	Wiring harness - Body
8	Wiring harness - left front door
9	Wiring harness - right front door
10	Wiring harness - RH rear door
11	Wiring harness - LH rear door
12	Wiring harness - Back window feed
13	Wiring harness - Rear lamp jumper
14	Wiring harness - Transfer case Four-wheel drive control
15	Wiring harness - Seat control feed jumper
16	Wiring harness - Side air bag
17	Wiring harness - Interior lamp feed
18	Wiring harness - Interior lamp
19	Wiring harness - Battery
20	Wiring harness - Headlamp dimmer switch jumper
21	Wiring harness - Console Panel
22	Wiring harness - High mounted stoplamp jumper
23	Wiring harness - Rear lamp jumper
24	Wiring harness - Accessory connector to relay
25	Wiring harness - Liftgate
26	Wiring harness - Radio power booster and Equalizer amplifier
27	Wiring harness - Back window heater Ground
28	Wiring harness - Back window heat control jumper
29	Battery Junction Box (BJB)
30	ABS control module
31	Daytime Running Lamps (DRL) module
32	Auxiliary relay box 1
33	Powertrain Control Module (PCM)
34	Four-wheel drive control module
35	Passive anti-theft transceiver module, Early production
36	Generic Electronic Module (GEM)
37	Restraints Control Module (RCM)
38	Auxiliary relay box 2

Item	Description
39	Central Junction Box (CJB)
40	Auxiliary relay box 3, Early production
41	Remote Anti-theft Personality (RAP) module, Early production
42	Central security module, Late production