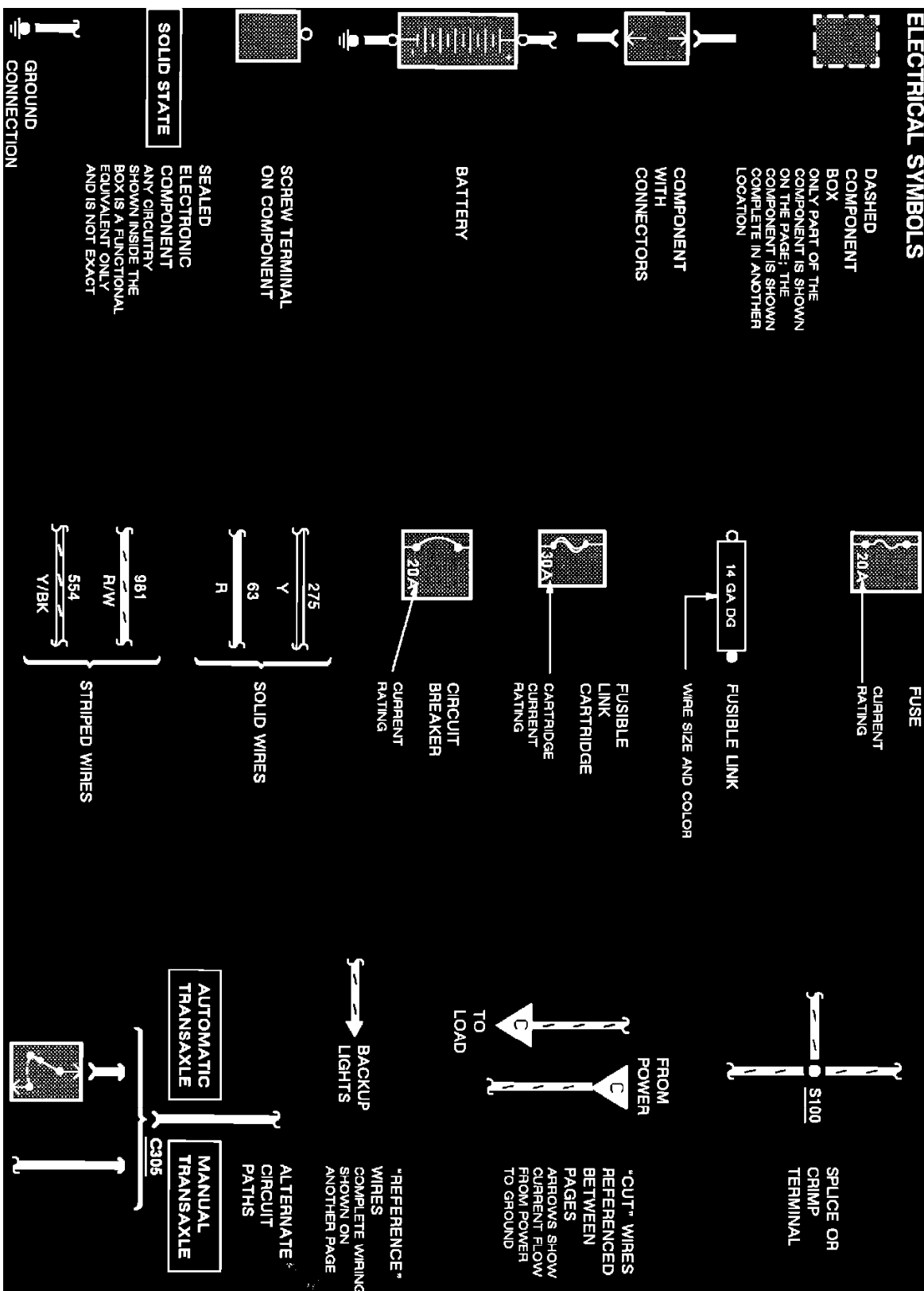
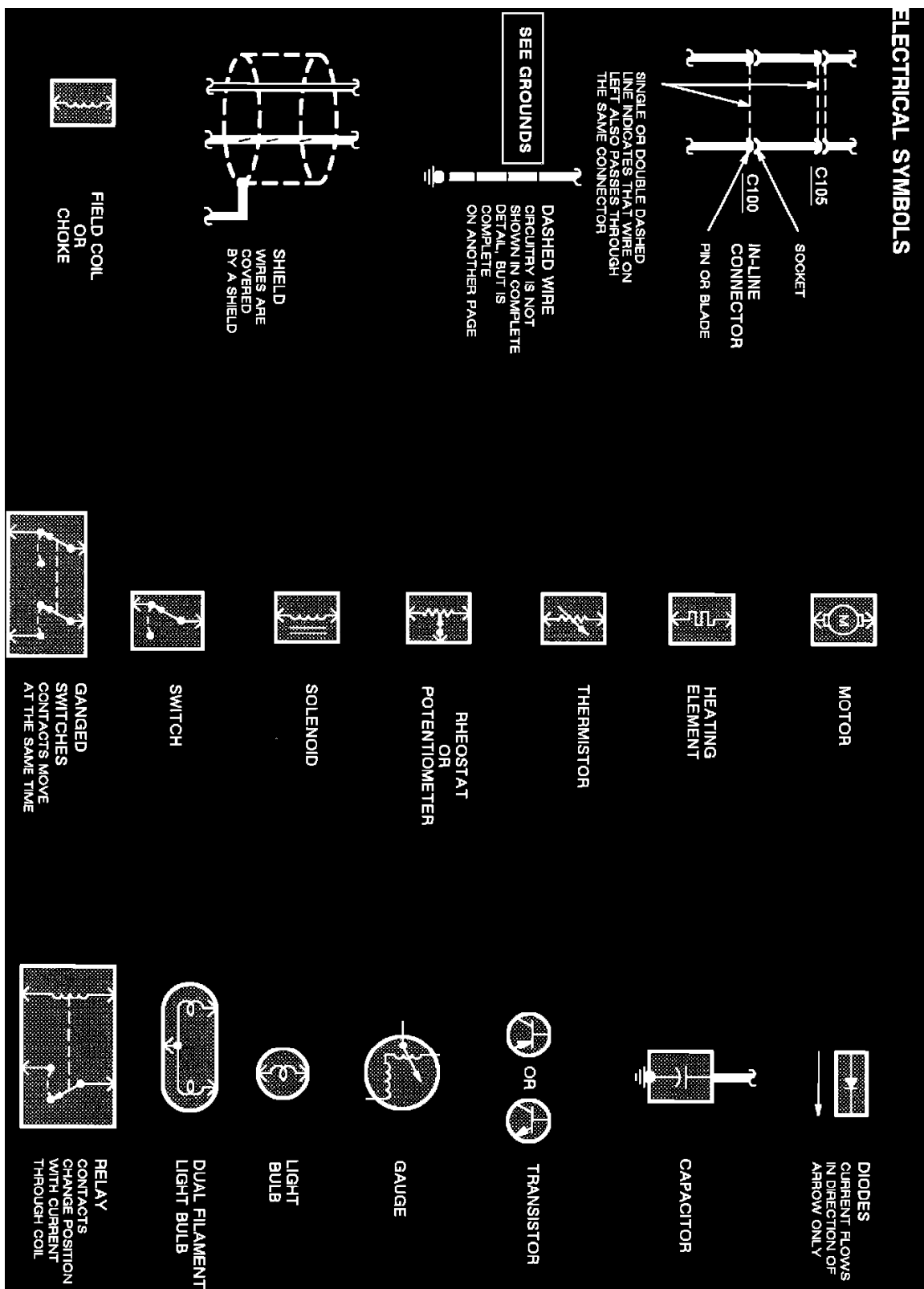


Vehicle: Diagrams



Electrical Symbols



Electrical Symbols

Wire Color Code Identification

NOTE: Whenever a wire is labeled with two colors; the first color listed is the basic color of the wire, and the second color is the tracer marking of the wire. If the second color is followed by a D, the tracer is dots. If the second color is followed by an H, the tracer is hash marks.

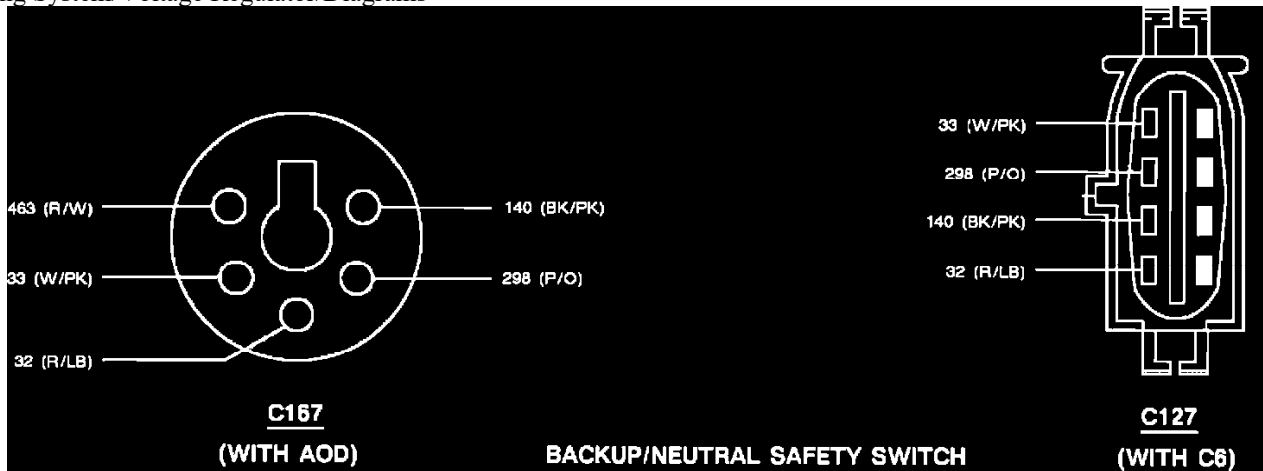
For example: BR/O is a brown wire with an orange stripe, R/Y D is a red wire with yellow dots and BK/W H is a black wire with white hash marks.

BL: Blue

- BK:** Black
- BR:** Brown
- DB:** Dark Blue
- DG:** Dark Green
- GR:** Green
- GY:** Gray
- LB:** Light Blue
- LG:** Light Green
- N:** Natural
- O:** Orange
- PK:** Pink
- R:** Red
- P:** Purple
- T:** Tan
- V:** Violet
- W:** White
- Y:** Yellow

Alternator

For Integral Alternator Regulator (IAR) Connector Views, please refer to: Starting and Charging/Charging System/Voltage Regulator, See: Starting and Charging/Charging System/Voltage Regulator/Diagrams



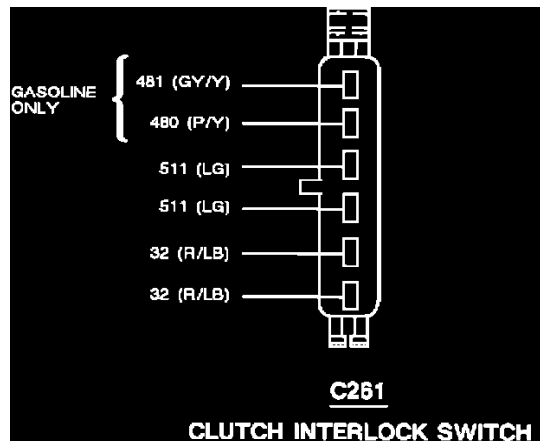
Connector Face/Pinout Charts

Pin	Circuit	Wire Color	Application	Abbreviations
1	37	Y	Keep Alive Power	KAPWR
2	511	LG	Brake On/Off	BOO
3	679	GY/BK	Programmable Speedometer/Odometer Module (+)	PSOM (+)
4	11	T/Y	Engine rpm Sensor (+)	RPMS (+)
6	676	PK/O	Programmable Speedometer/Odometer Module (-)	PSOM (-)
7	923	O/BK	Transmission Oil Temperature Sensor	TOT
10	347	BK/Y	A/C Cycling Switch	ACCS
12	784	LB/BK	4 x 4 Low Switch	4 x 4L
17	658	PK/LG	Self-Test Output	STO
19	315	P/O	Transmission Shift Solenoid 2	SS2
20	57	BK	Case Ground	CASE GND
26	351	BR/W	Reference Voltage	VREF
30	199	LB/Y	Manual Lever Position Sensor	MLP
32	911	W/LG	Overdrive Cancel Indicator Light Transmission Malfunction Indicator Light	OCIL TMIL
35	912	W/R	Electronic Pressure Control Power	EPCPWR
36	648	W/PK	Tachometer (Spark Output)	TAC
37	361	R	Vehicle Power	VPWR
38	925	W/Y	Electronic Pressure Control	EPC
40	570	BK/W	Power Ground	PWR GND
41	224	T/W	Overdrive Cancel Switch	OCS
44	644	DG	Engine rpm Sensor (-)	RPMS (-)
45	358	LG/BK	Barometric Pressure Sensor	BP
46	359	GY/R	Signal Return	SIG RTN
47	355	GY/W	Throttle Position Sensor	TPS
48	209	W/P	Self-Test Input	STI
52	237	O/Y	Transmission Shift Solenoid 1	SS1
53	480	P/Y	Converter Clutch Control Solenoid	CCC
55	924	BR/O	Converter Coast Solenoid	CCS
57	361	R	Vehicle Power	VPWR
60	570	BK/W	Power Ground	PWR GND

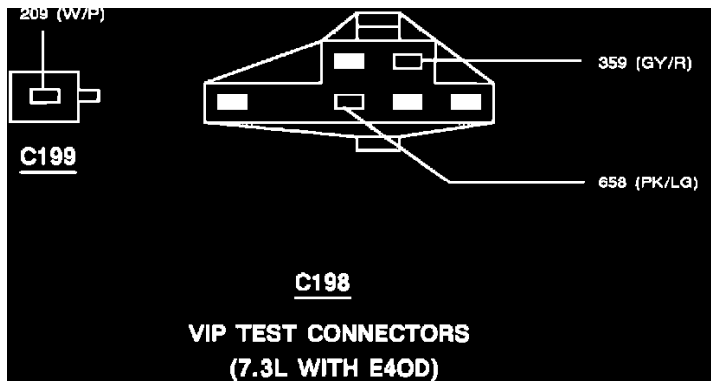
Pin locations given for reference only. Probing 60-pin connector with DVOM probe will result in permanent damage to the pin connectors. Always probe as directed using the breakout box.



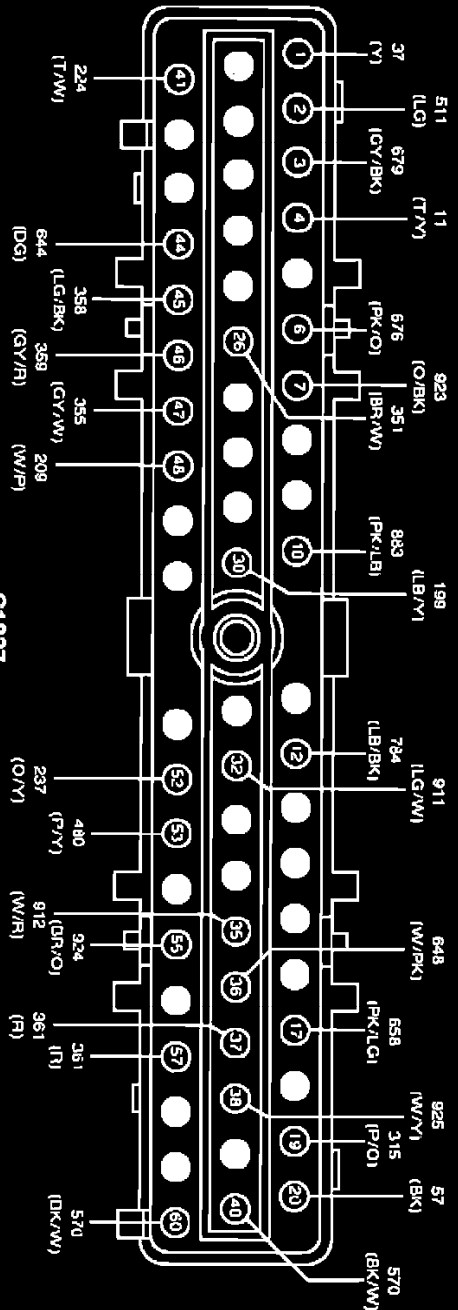
Electronic Engine Controller Connector Pinout



Connector Face/Pinout Charts



Connector Face/Pinout Charts

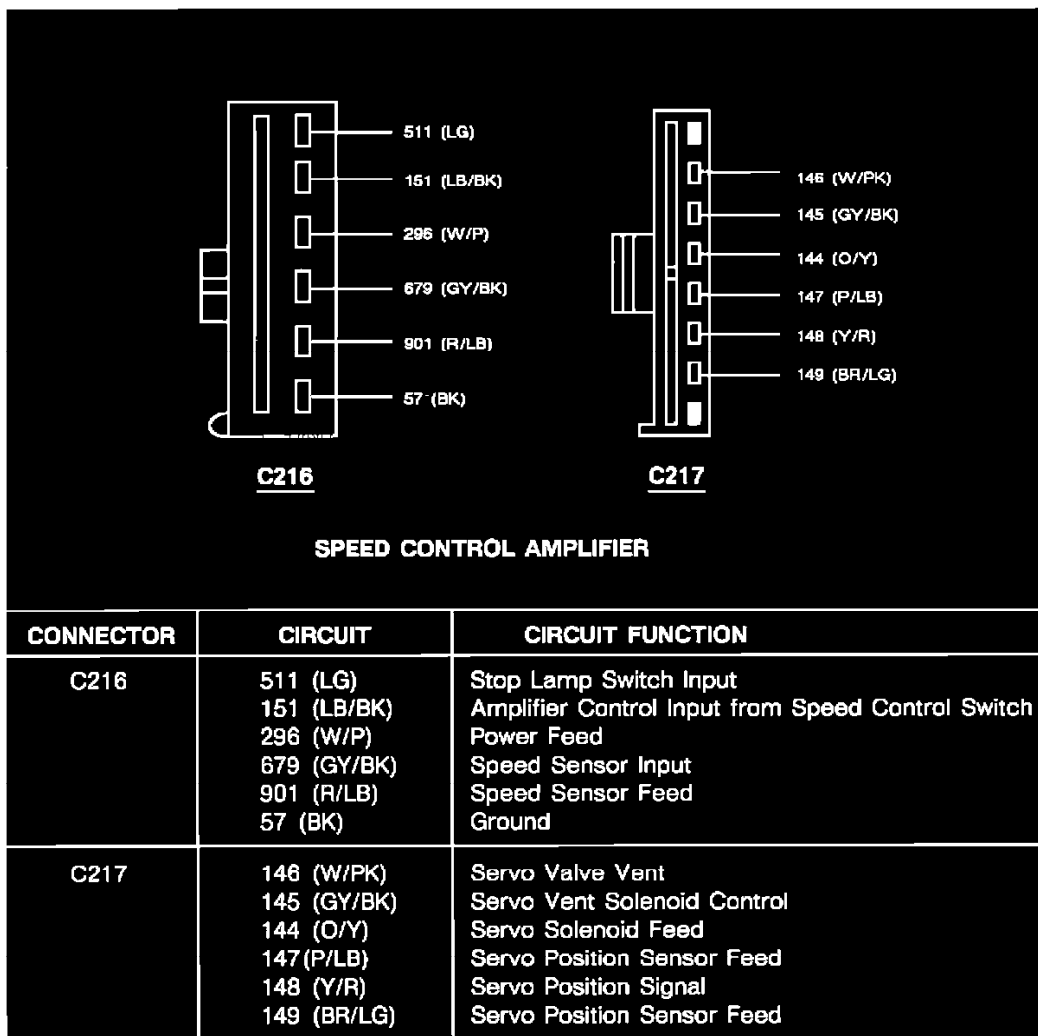


TRANSMISSION ELECTRONIC CONTROL ASSEMBLY (TECA) (7.3L)

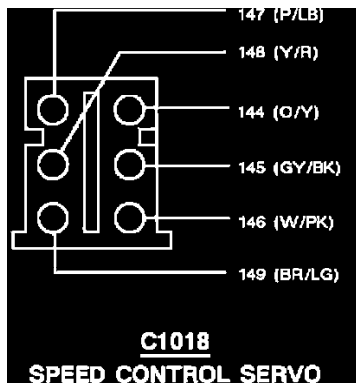
PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION	PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION
1	37 (Y)	Keep Alive Power Input	16	—	NOT USED
2	511 (LG)	Stop Lamp Switch Input	17	658 (PK/LG)	TECA VIP Test Connector
3	679 (GY/BK)	Vehicle Speed Sensor Input	18	—	NOT USED
4	11 (TY)	PPM Sensor (Positive)	19	315 (P/O)	Transmission Shift Solenoid #2
5	—	NOT USED	20	57 (BK)	Ground
6	676 (PK/O)	Vehicle Speed Sensor Ground	21	—	NOT USED
7	923 (O/BK)	Transmission Oil Temperature Input	22	—	NOT USED
8	—	NOT USED	23	—	NOT USED
9	—	NOT USED	24	—	NOT USED
10	883 (PK/LB)	A/C Cycle Pressure Switch Input	25	—	NOT USED
11	—	NOT USED	26	351 (BR/W)	Reference Voltage Output
12	784 (LB/BK)	4x4 Indicator Input	27	—	NOT USED
13	—	NOT USED	28	—	NOT USED
14	—	NOT USED	29	—	NOT USED
15	—	NOT USED	30	199 (LB/Y)	Manual Lever Position Sensor Input

PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION	PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION
31	—	NOT USED	46	359 (GY/R)	Sensor Signal Return
32	911 (LG/W)	Overdrive Cancel Indicator Lamp	47	355 (GY/W)	Fuel Injection Pump Lever (FIPL) Sensor
33	—	NOT USED	48	—	TECA VIP Test Input
34	—	NOT USED	49	209 (W/P)	NOT USED
35	912 (W/R)	Electronic Pressure Control Power	50	—	NOT USED
36	648 (W/PK)	Tachometer Feed to Instrument Cluster	51	—	NOT USED
37	361 (R)	Power Input	52	237 (O/Y)	Transmission Shift Solenoid #1
38	925 (W/Y)	Electronic Pressure Control	53	480 (P/Y)	Converter Clutch Solenoid Output
39	—	NOT USED	54	—	NOT USED
40	570 (BK/W)	Ground	55	924 (BR/O)	Coast Clutch Solenoid
41	224 (T/W)	Overdrive Cancel Switch	56	—	NOT USED
42	—	NOT USED	57	361 (R)	Power Input
43	—	NOT USED	58	—	NOT USED
44	644 (DG)	RPM Sensor (Negative)	59	—	NOT USED
45	358 (LG/BK)	Barometric Pressure Sensor	60	570 (BK/W)	Ground

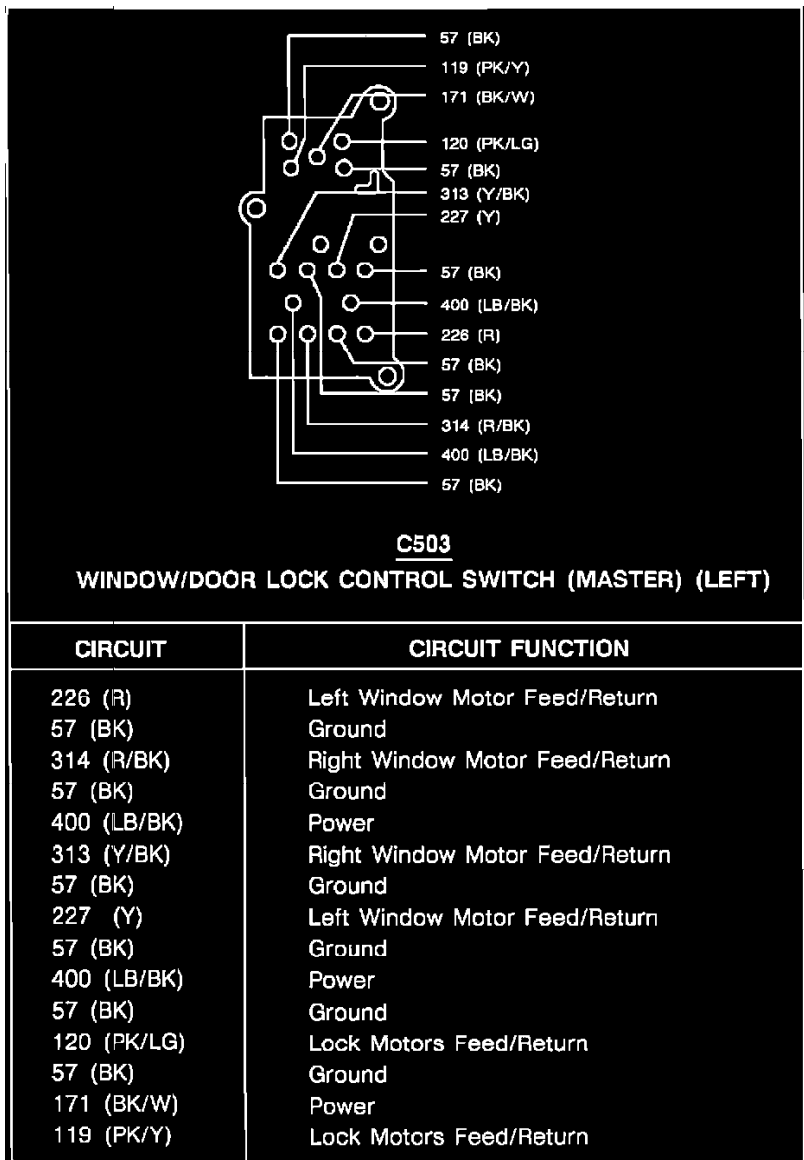
Connector Face/Pinout Charts



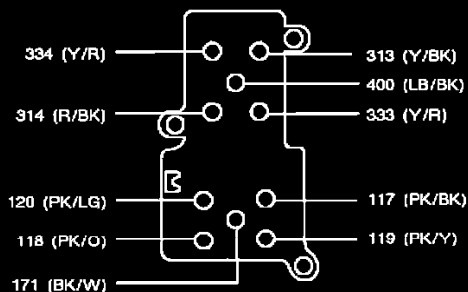
Connector Face/Pinout Charts



Connector Face/Pinout Charts

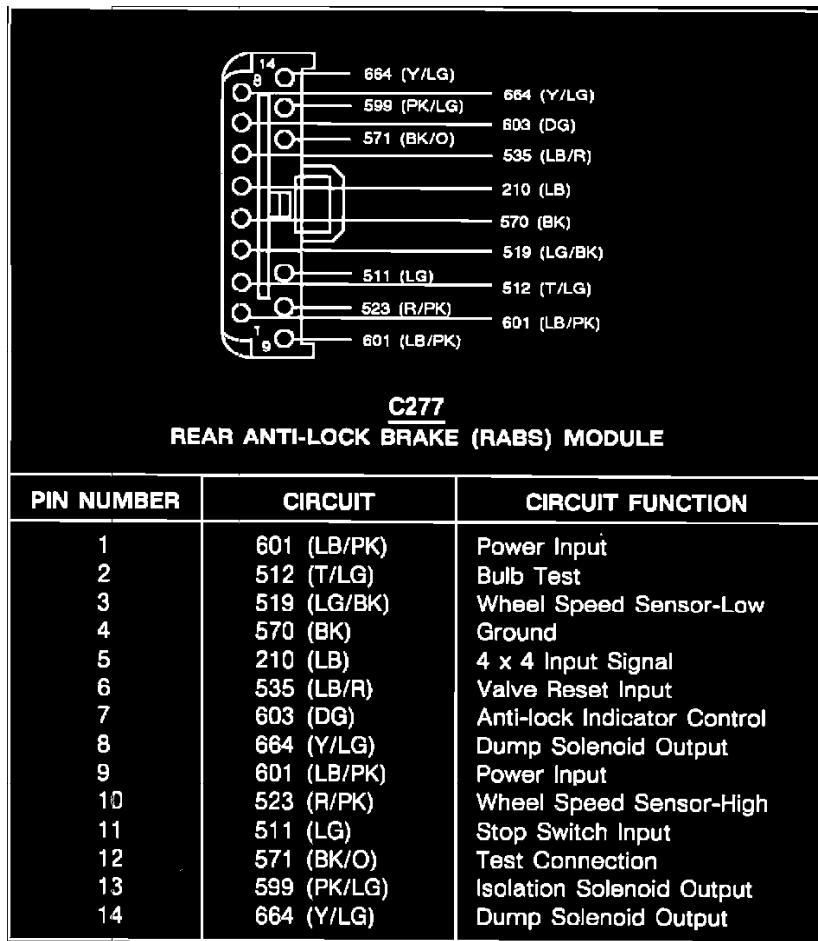


Connector Face/Pinout Charts

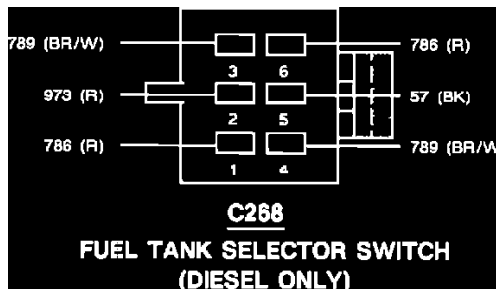
**C603****WINDOW/DOOR LOCK CONTROL SWITCH (RIGHT)**

CIRCUIT	CIRCUIT FUNCTION
314 (R/BK)	Feed/Return From Left Switch
400 (LB/BK)	Power
334 (R/Y)	Right Window Motor Feed/Return
313 (Y/BK)	Feed/Return From Left Switch
333 (Y/R)	Right Window Motor Feed/Return
120 (PK/LG)	Feed/Return From Left Switch
117 (PK/BK)	Lock Motors Feed/Return
119 (PK/Y)	Feed/Return From Left Switch
171 (BK/W)	Power
118 (PK/O)	Lock Motors Feed/Return

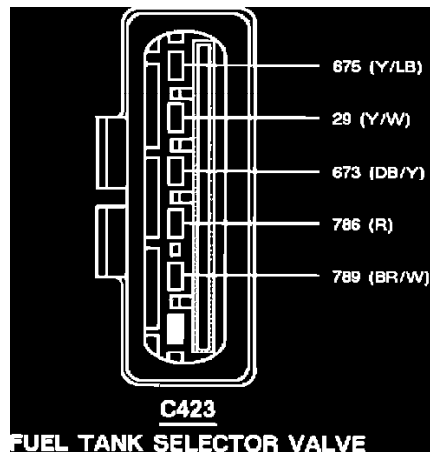
Connector Face/Pinout Charts



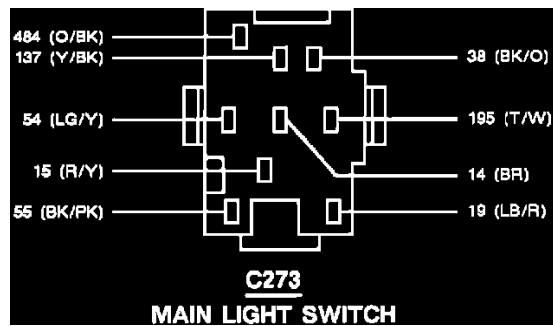
Connector Face/Pinout Charts



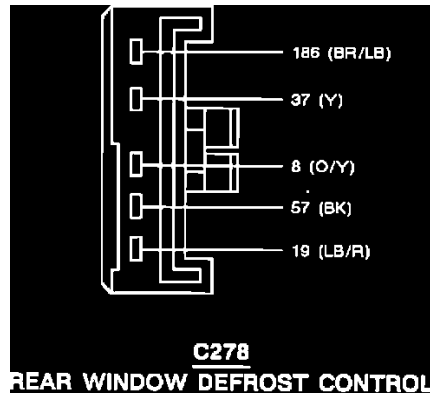
Connector Face/Pinout Charts



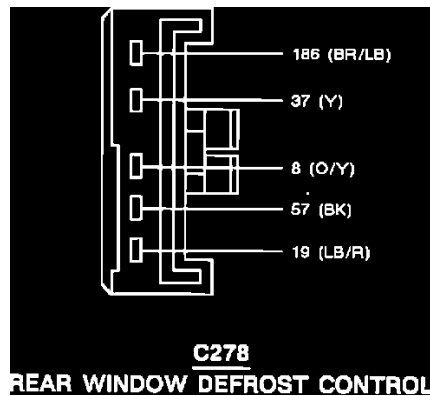
Connector Face/Pinout Charts



Connector Face/Pinout Charts



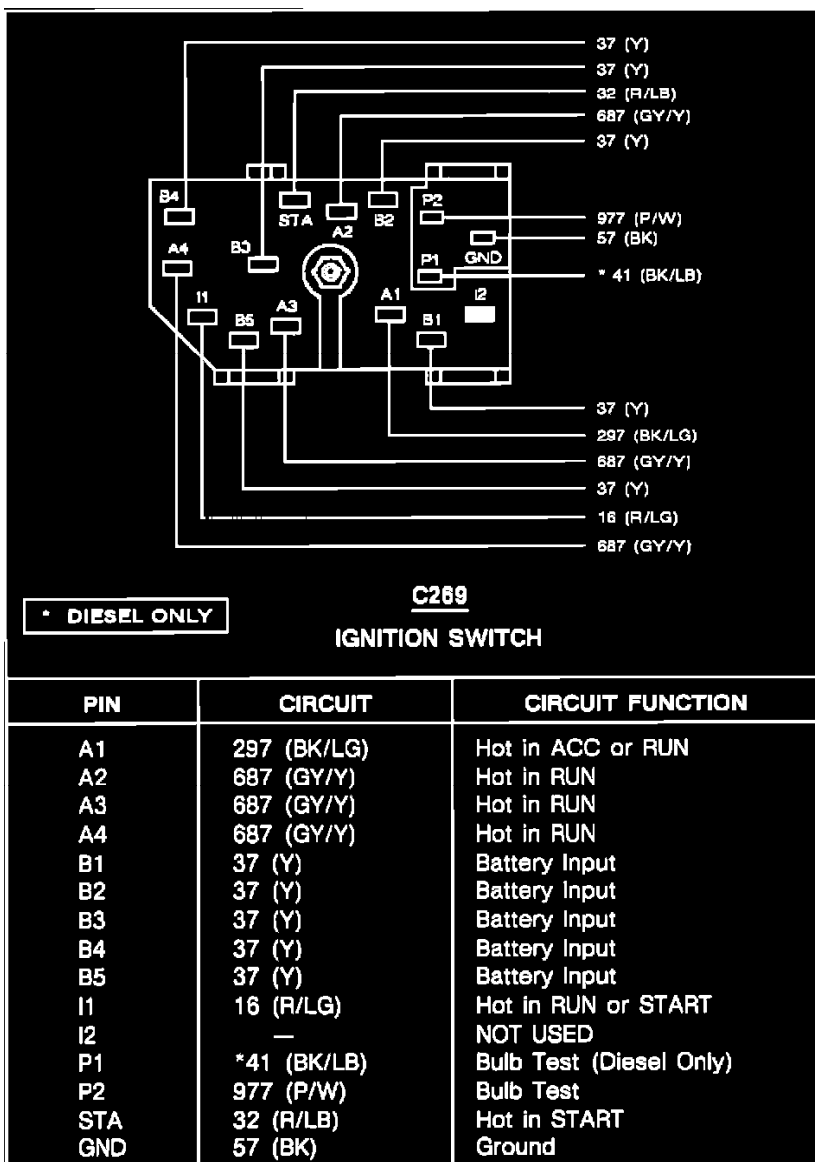
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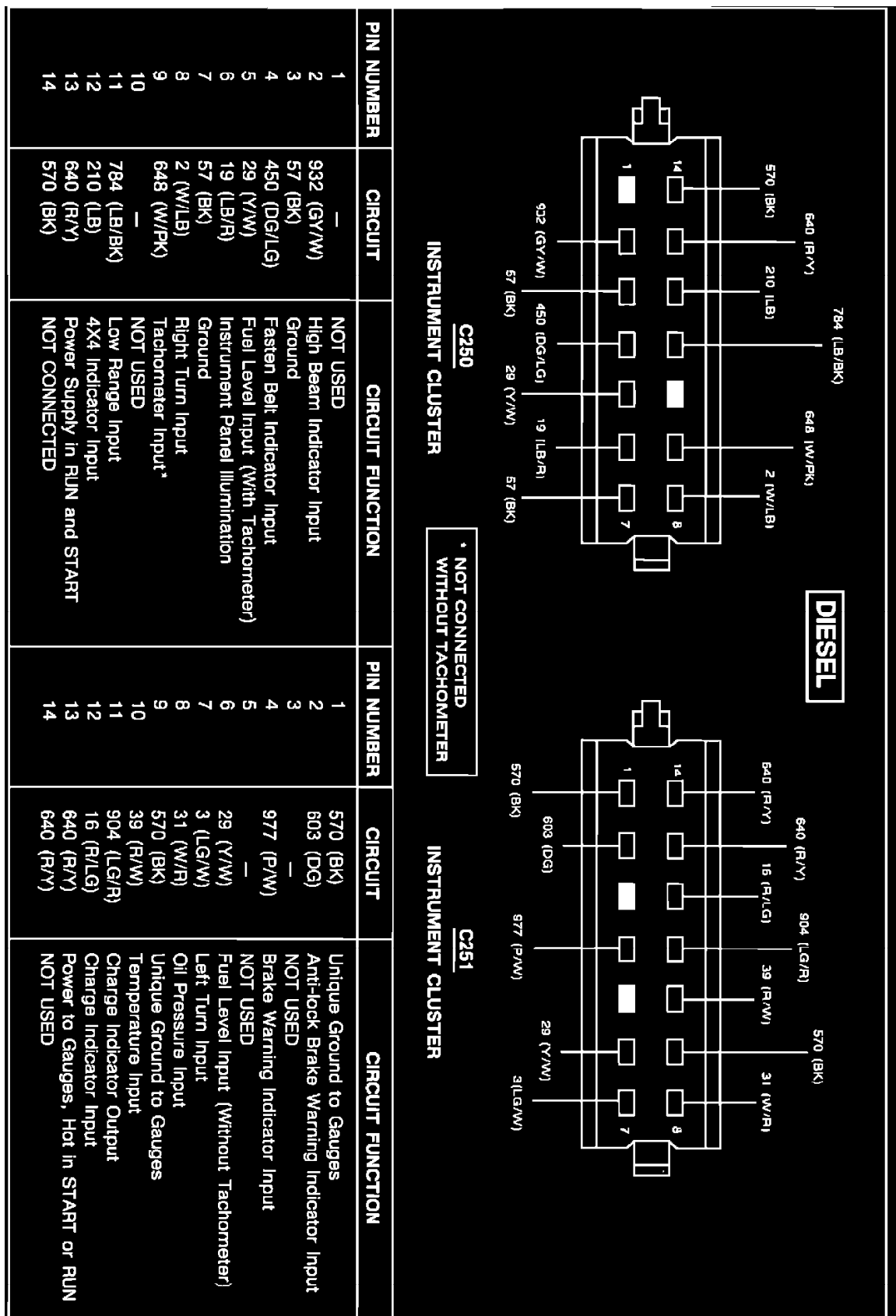
Connector Face/Pinout Charts

Ignition Lock

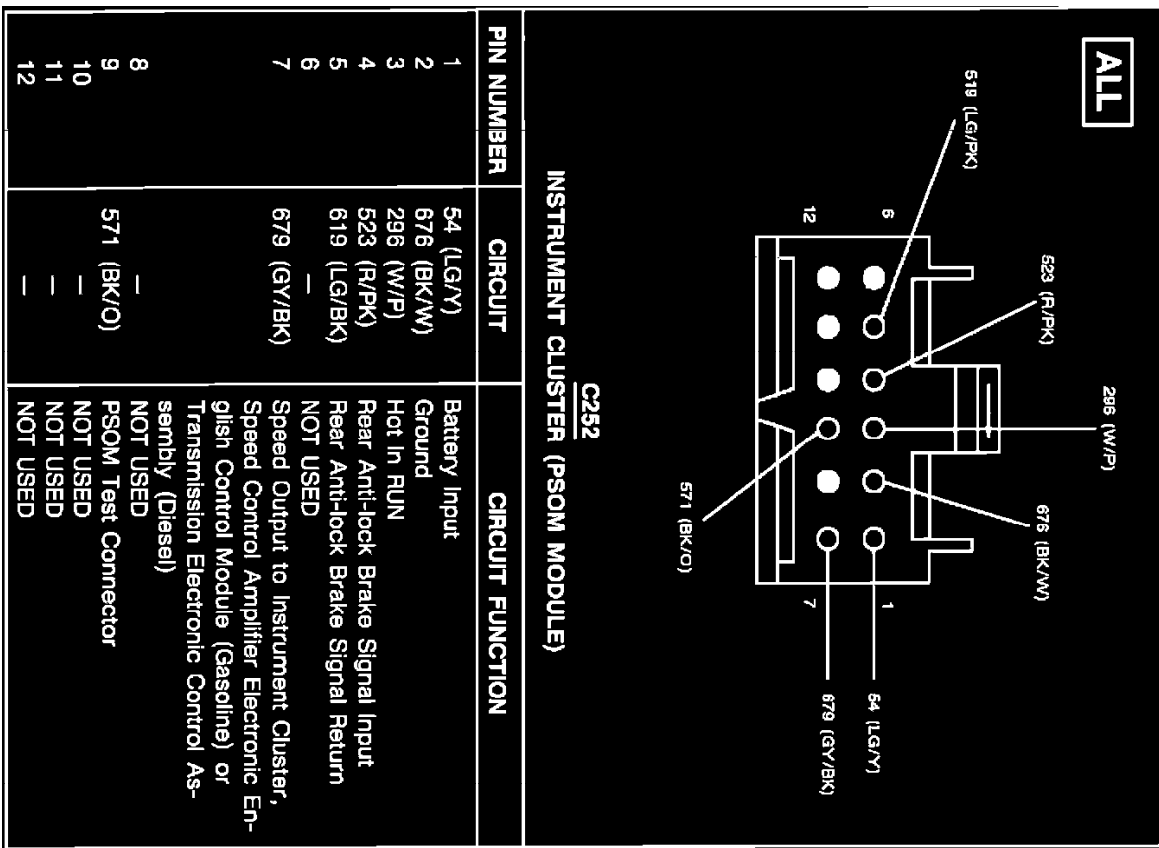
For Connector Views, please refer to: Ignition Switch/Diagrams, See: Powertrain Management/Ignition System/Sensors and Switches - Ignition System/Ignition Switch/Diagrams



Connector Face/Pinout Charts



Connector Face/Pinout Charts



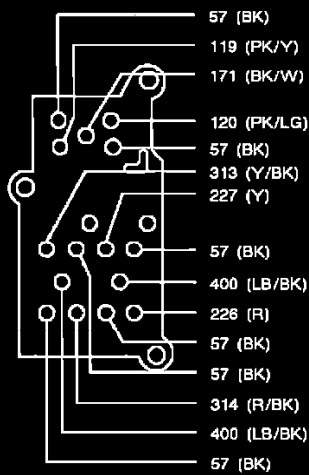
Connector Face/Pinout Charts



Connector Face/Pinout Charts



Connector Face/Pinout Charts

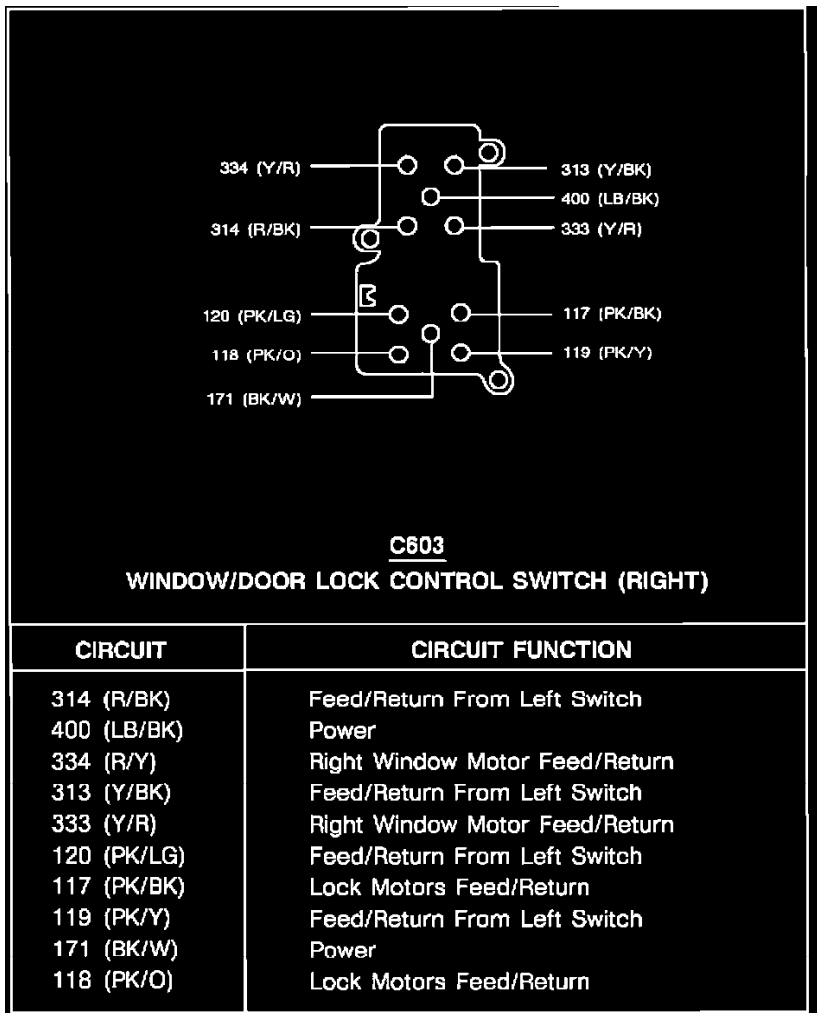


C503

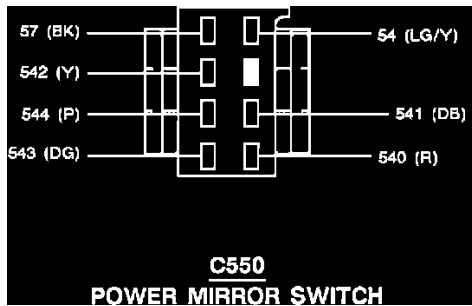
WINDOW/DOOR LOCK CONTROL SWITCH (MASTER) (LEFT)

CIRCUIT	CIRCUIT FUNCTION
226 (R)	Left Window Motor Feed/Return
57 (BK)	Ground
314 (R/BK)	Right Window Motor Feed/Return
57 (BK)	Ground
400 (LB/BK)	Power
313 (Y/BK)	Right Window Motor Feed/Return
57 (BK)	Ground
227 (Y)	Left Window Motor Feed/Return
57 (BK)	Ground
400 (LB/BK)	Power
57 (BK)	Ground
120 (PK/LG)	Lock Motors Feed/Return
57 (BK)	Ground
171 (BK/W)	Power
119 (PK/Y)	Lock Motors Feed/Return

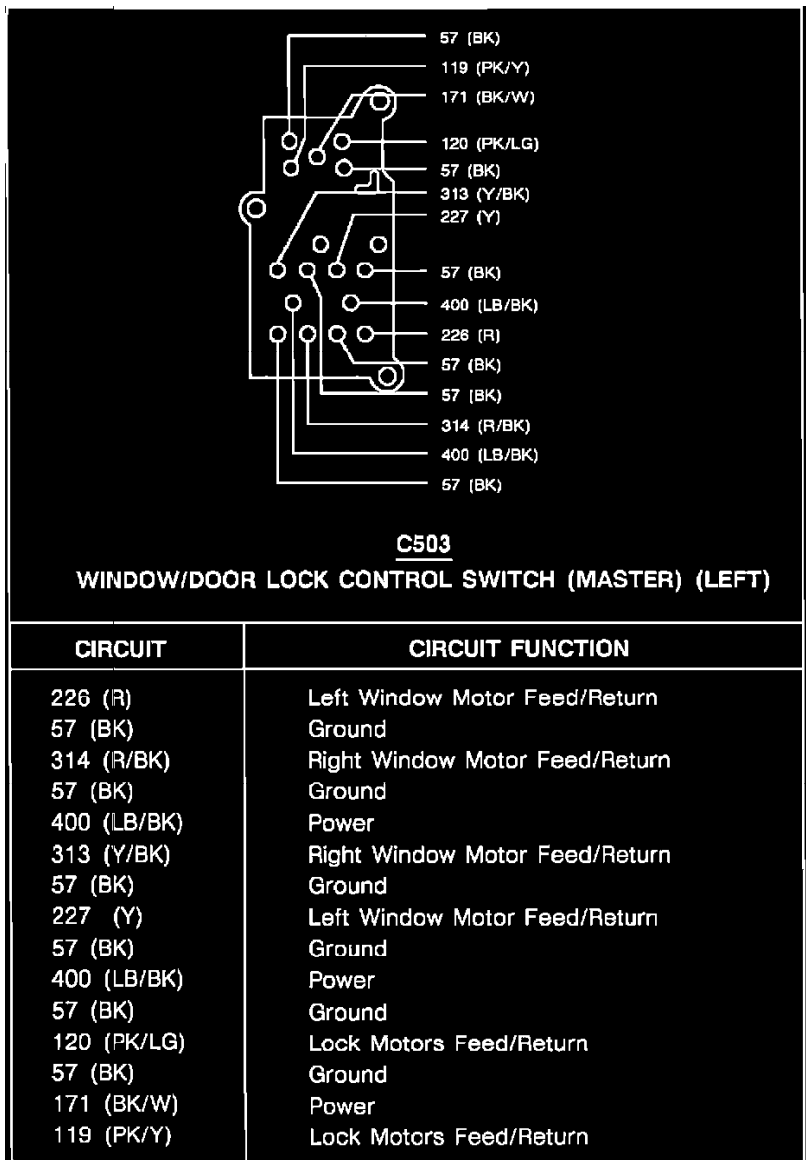
Connector Face/Pinout Charts



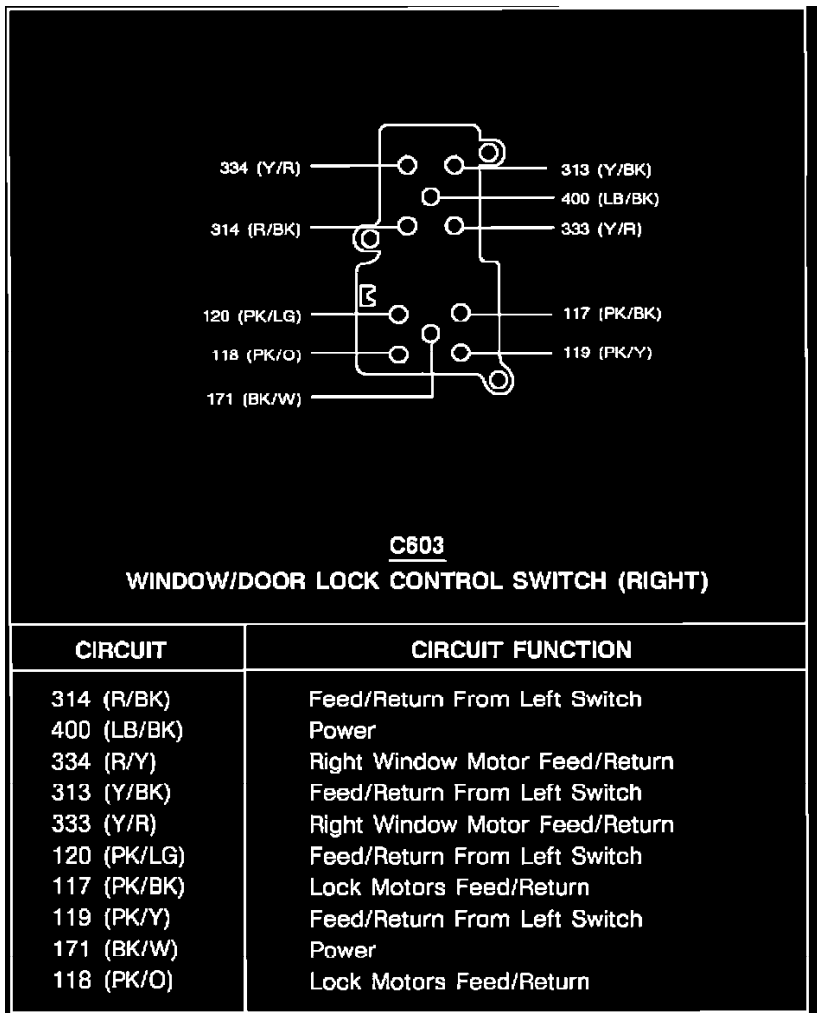
Connector Face/Pinout Charts



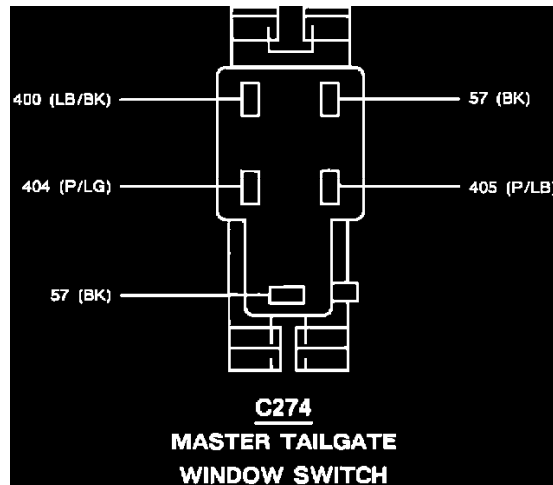
Connector Face/Pinout Charts



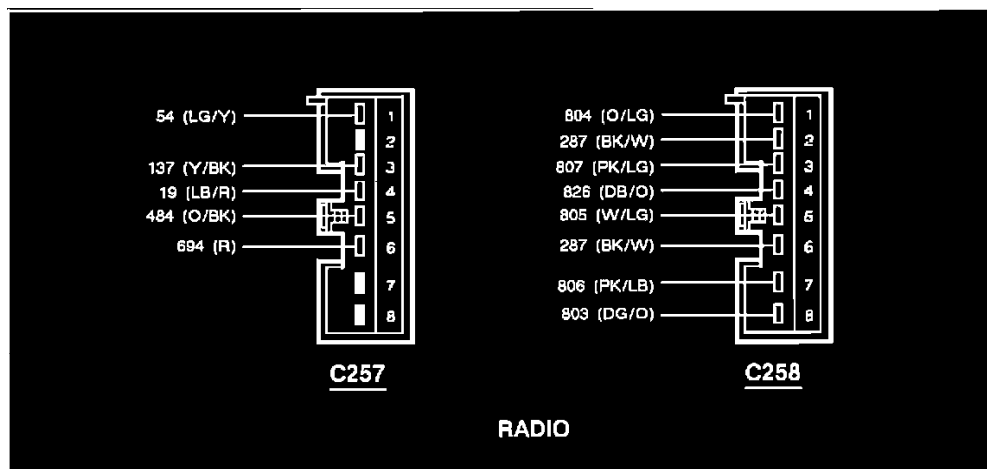
Connector Face/Pinout Charts



Connector Face/Pinout Charts

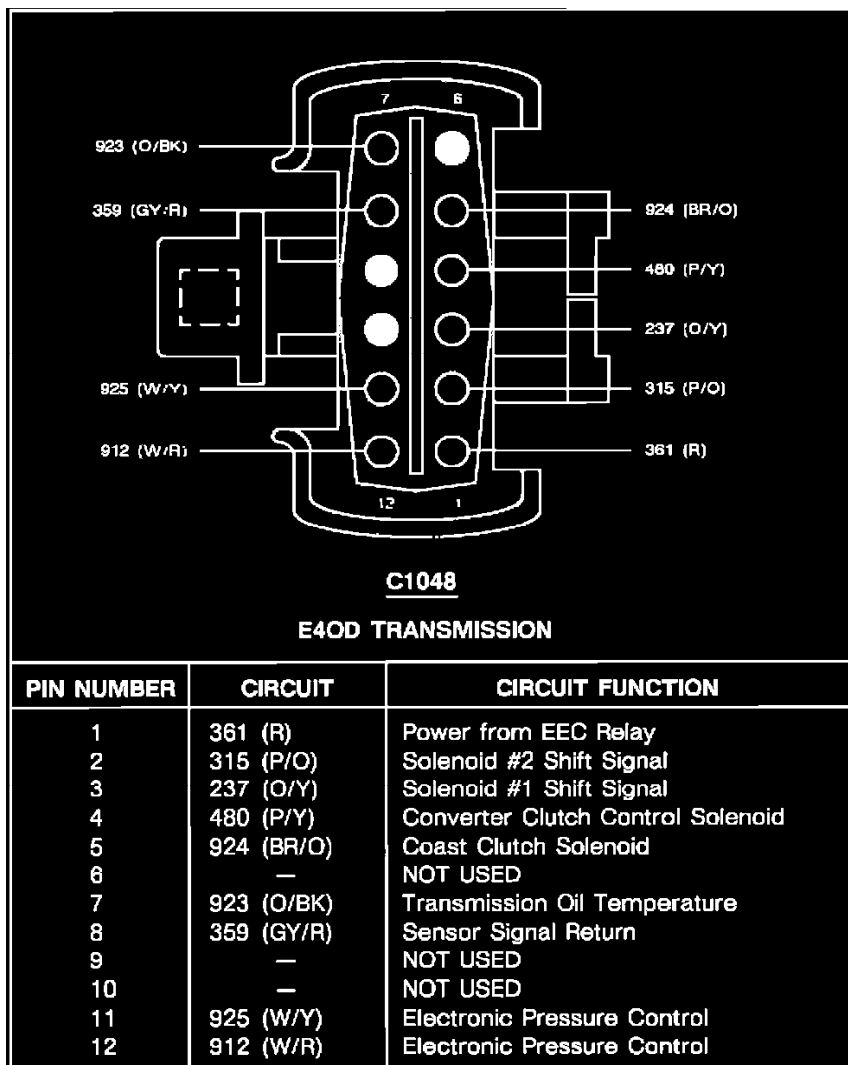


Connector Face/Pinout Charts

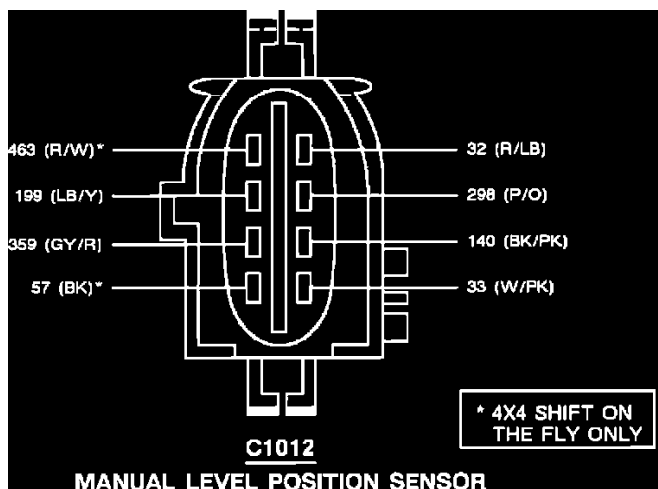


CONNECTOR	PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION
C257	1	54 (LG/Y)	Radio Memory Power
	2	-	NOT USED
	3	137 (Y/BK)	12 Volt Power Feed
	4	19 (LB/R)	Instrument Panel Lamp Feed
	5	484 (O/BK)	LCD Lighting
	6	694 (R)	Ground
	7	-	NOT USED
	8	-	NOT USED
C258	1	804 (O/LG)	Left Front Speaker Feed (+)
	2	287 (BK/W)	Left Front Speaker Return (-)
	3	807 (PK/LG)	Left Rear Speaker Feed (+)
	4	826 (DB/O)	Left Rear Speaker Return (-)
	5	805 (W/LG)	Right Front Speaker Feed (+)
	6	287 (BK/W)	Right Front Speaker Return (-)
	7	806 (PK/LB)	Right Rear Speaker Feed (+)
	8	803 (DG/O)	Right Rear Speaker Return (-)

Connector Face/Pinout Charts

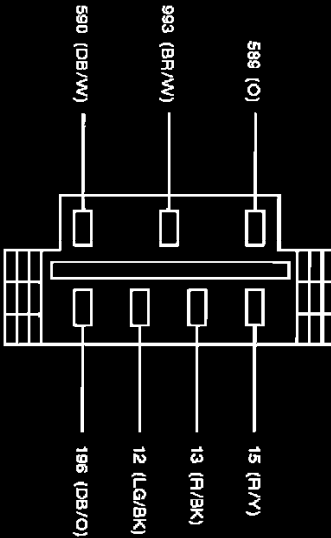
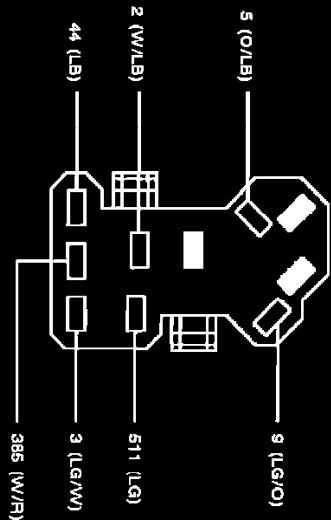


Connector Face/Pinout Charts



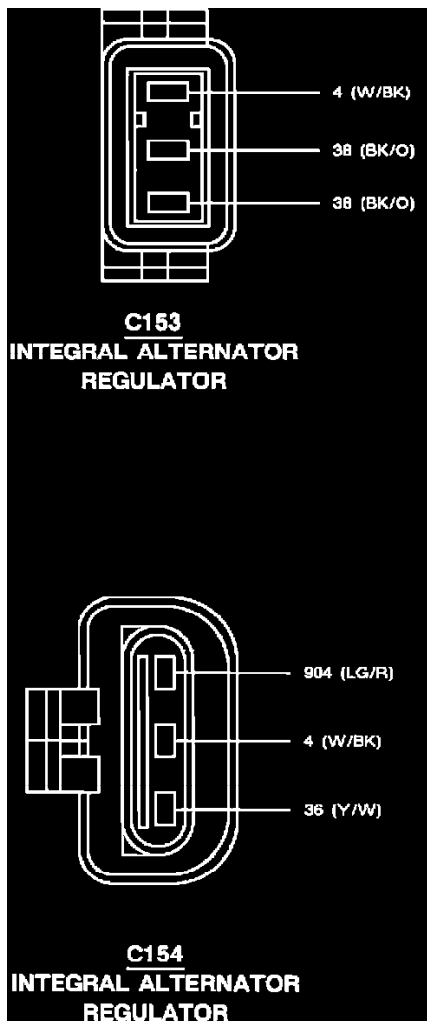
Connector Face/Pinout Charts

CIRCUIT	CIRCUIT FUNCTION	CIRCUIT	CIRCUIT FUNCTION
5 (O/LB) 2 (W/LB) 44 (LB) 9 (LG/O) 511 (LG) 3 (LG/W) 385 (W/R)	Output to Right Rear Turn Lamps Output to Right Front Turn Lamps Power from Turn Flasher Output to Left Rear Turn Lamps Power from Stop Lamp Switch Output to Left Turn Lamps Power from Hazard Flasher	589 (O) 993 (BR/W) 590 (DB/W) 15 (R/Y) 13 (R/BK) 12 (LG/BK) 196 (DB/O)	Output to Interval Governor Reference Voltage from Interval Governor Output to Interval Governor Power to Dimmer, Hot in HEAD Dimmer to Lo Beams Dimmer to Hi Beams Battery Input, Flash-to-Pass

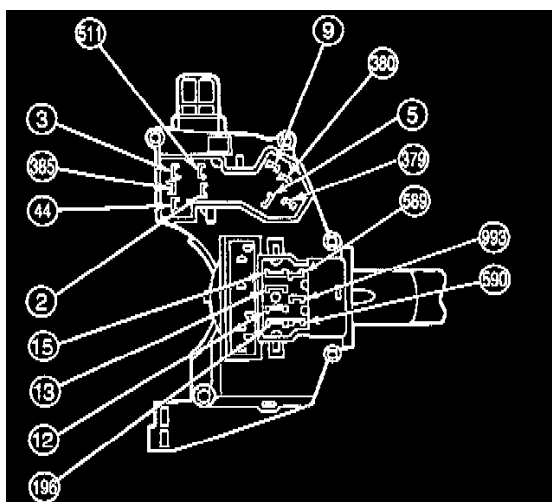


MULTI-FUNCTION SWITCH

Connector Face/Pinout Charts



Connector Face/Pinout Charts



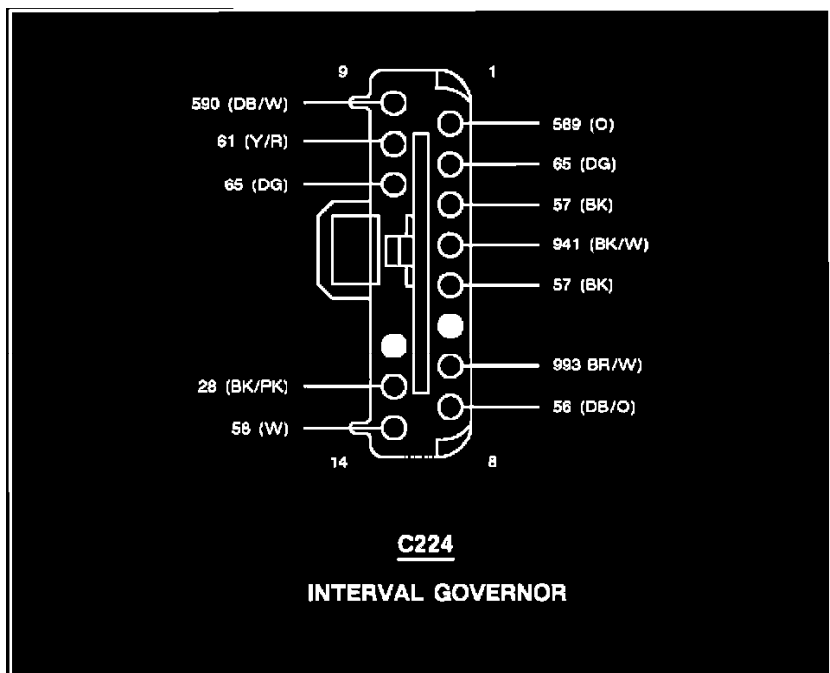
K17741-A

MULTI-FUNCTION SWITCH (LEGEND)

Circuit No.	Description
2	Right Front Turn Signal Lamp
3	Left Front Turn Signal Lamp
5	Right Rear Turn Signal Lamp
9	Left Rear Turn Signal Lamp
44	Flasher Feed
44A	Internal Switch Connection
49	Flasher Feed
379	Right Cornering Lamp
380	Left Cornering Lamp
385	Hazard Feed
511	Brake Feed
511A	Internal Switch Connection
IGN	Ignition
BAT	Battery
12	Hi Beam
13	Lo Beam
15	Lighting Switch Feed
196	Flash to Pass Feed
W1(993)	
W2(590)	
W3(589)	

CK17742-A

Multifunction Switch

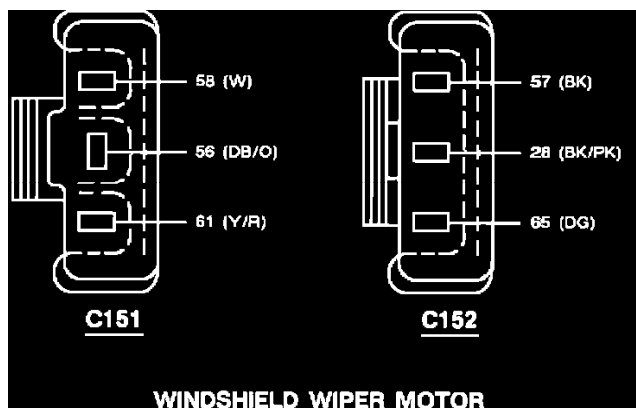


C224

INTERVAL GOVERNOR

PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION
1	589 (O)	Interval Wiper/Washer Return
2	65 (DG)	Hot in ACC or RUN
3	57 (BK)	Ground
4	941 (BK/W)	Power to Washer Pump Motor
5	57 (BK)	Ground
6	—	NOT USED
7	993 (BR/W)	Interval Wiper/Washer Reference
8	56 (DB/O)	Power to Wiper Motor (Lo)
9	590 (DB/W)	Interval Wiper/Washer Return
10	61 (Y/R)	Motor Ground
11	65 (DG)	Hot in ACC or RUN
12	—	NOT USED
13	28 (BK/PK)	Input from Park Switch
14	58 (W)	Power to Wiper Motor (Hi)

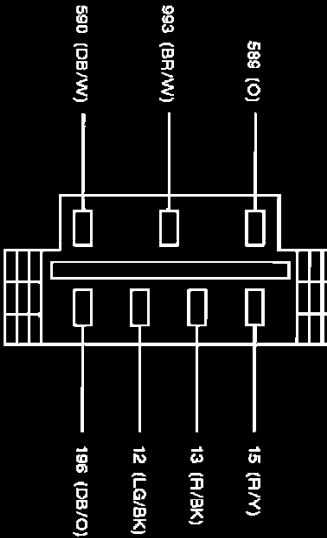
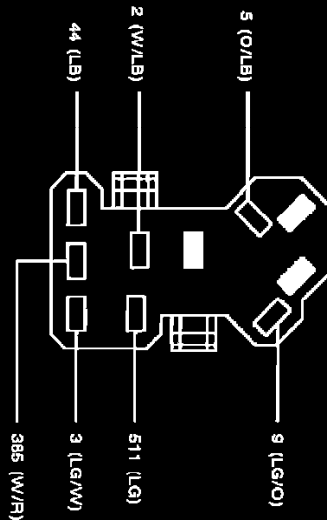
Connector Face/Pinout Charts



WINDSHIELD WIPER MOTOR

Connector Face/Pinout Charts

CIRCUIT	CIRCUIT FUNCTION	CIRCUIT	CIRCUIT FUNCTION
5 (O/LB) 2 (W/LB) 44 (LB) 9 (LG/O) 511 (LG) 3 (LG/W) 385 (W/R)	Output to Right Rear Turn Lamps Output to Right Front Turn Lamps Power from Turn Flasher Output to Left Rear Turn Lamps Power from Stop Lamp Switch Output to Left Turn Lamps Power from Hazard Flasher	589 (O) 993 (BR/W) 590 (DB/W) 15 (R/Y) 13 (R/BK) 12 (LG/BK) 196 (DB/O)	Output to Interval Governor Reference Voltage from Interval Governor Output to Interval Governor Power to Dimmer, Hot in HEAD Dimmer to Lo Beams Dimmer to Hi Beams Battery Input, Flash-to-Pass



MULTI-FUNCTION SWITCH

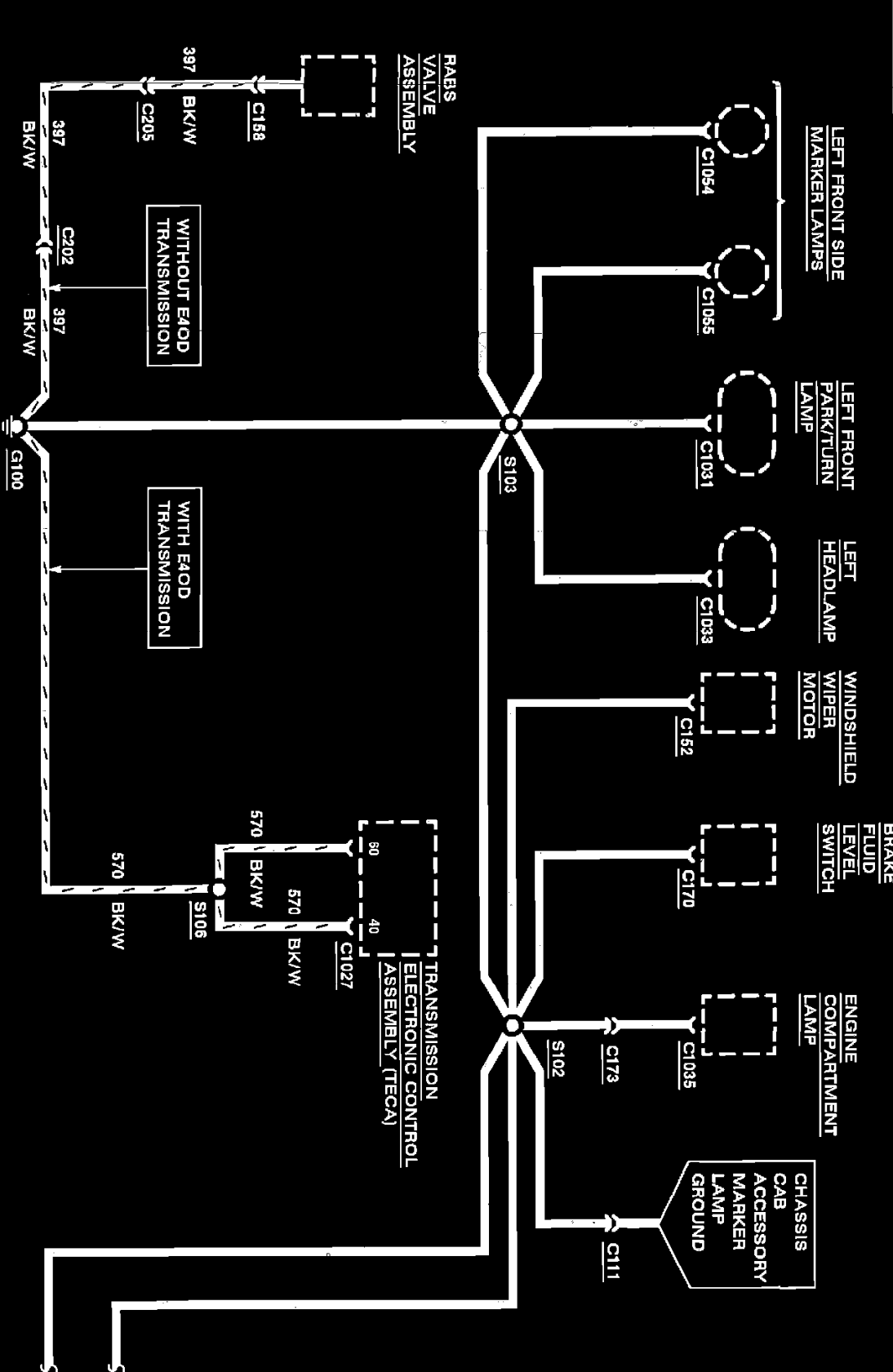
Connector Face/Pinout Charts

Ground Circuit Diagram Notes

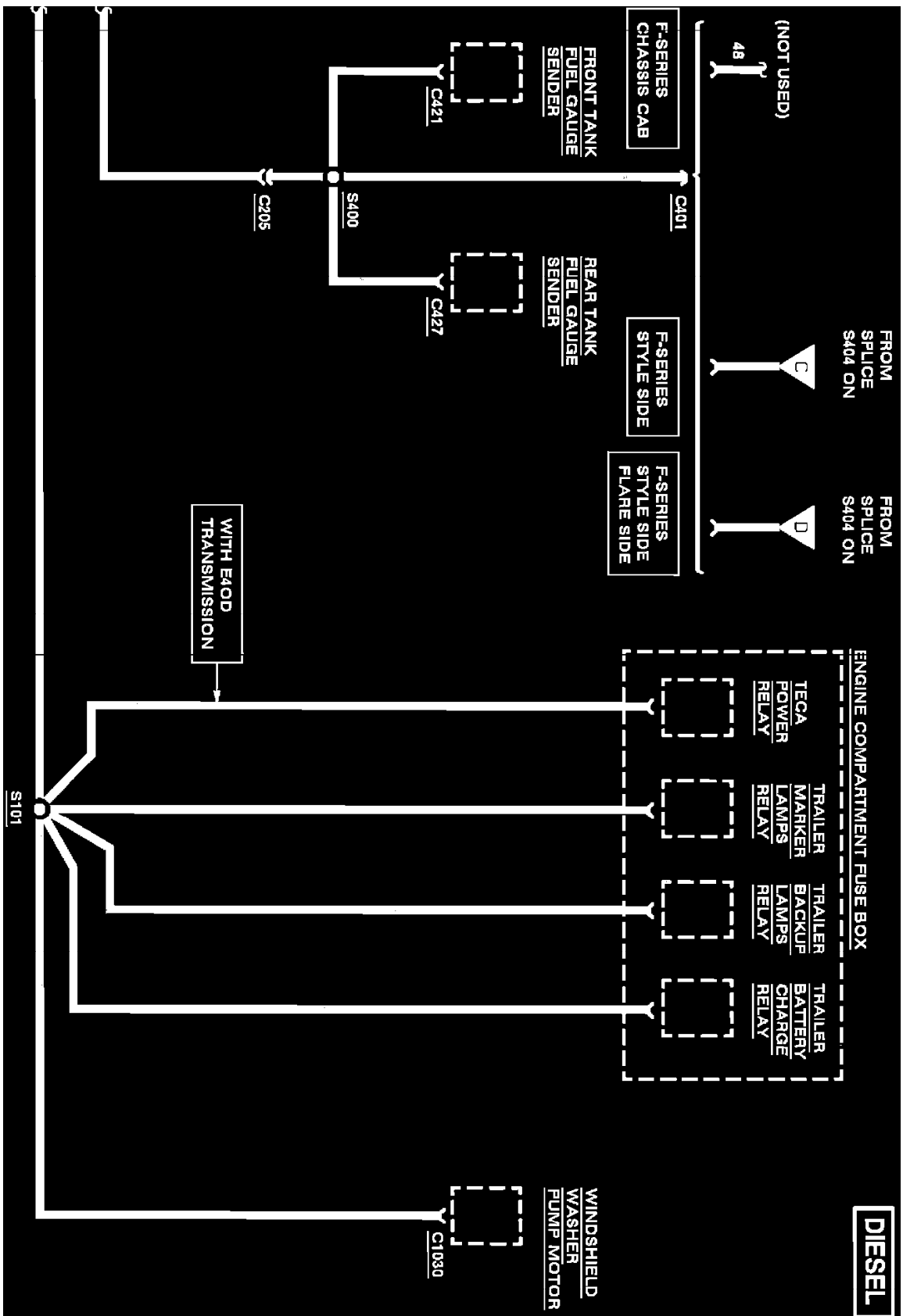
The ground circuits show how many different systems may share a common ground point.

While all of the ground circuits shown are shown complete, additional ground circuits may exist in the vehicle. Any ground circuit not shown in cell 10 is shown complete in the appropriate system schematic.

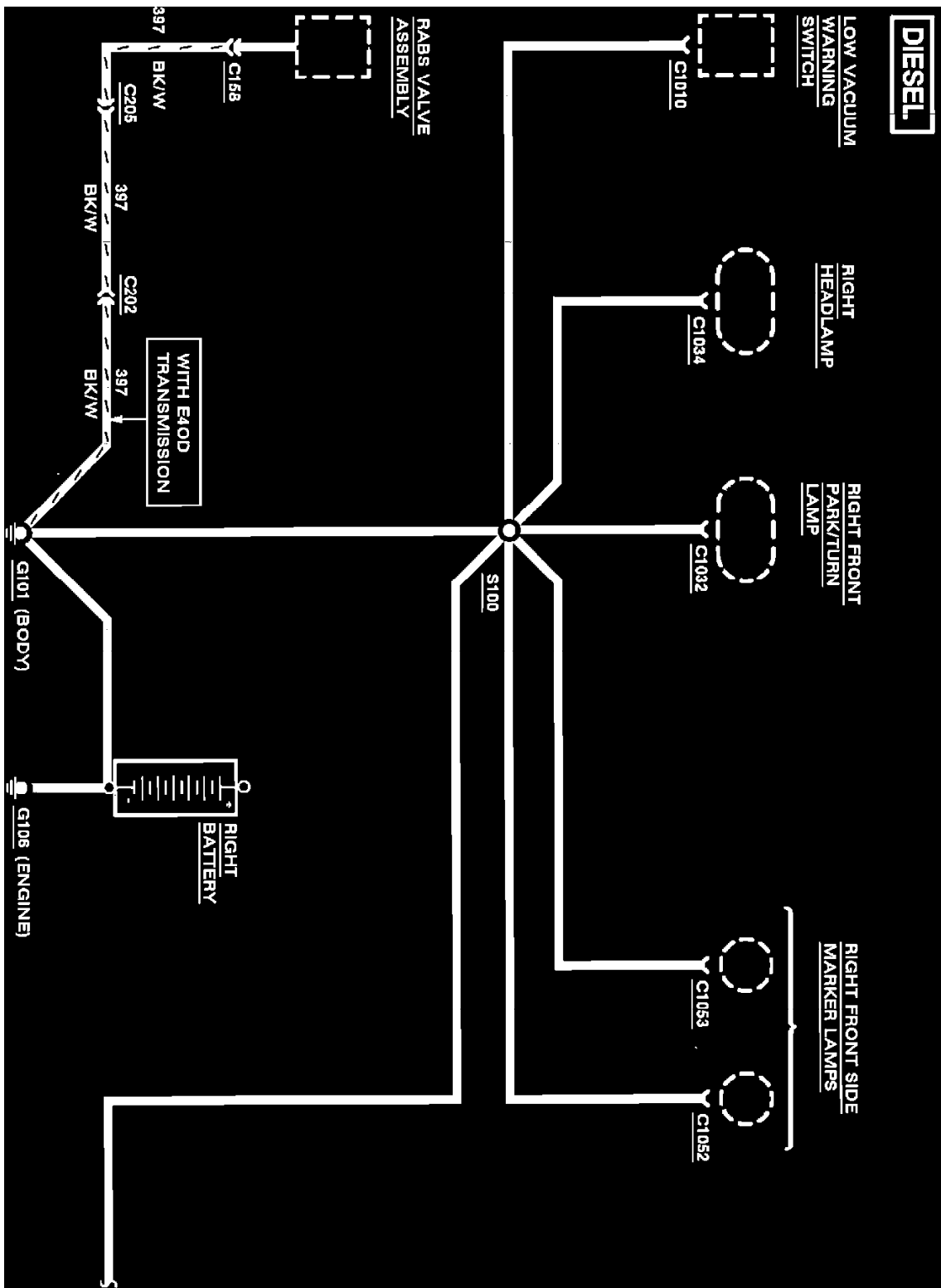
DIESEL



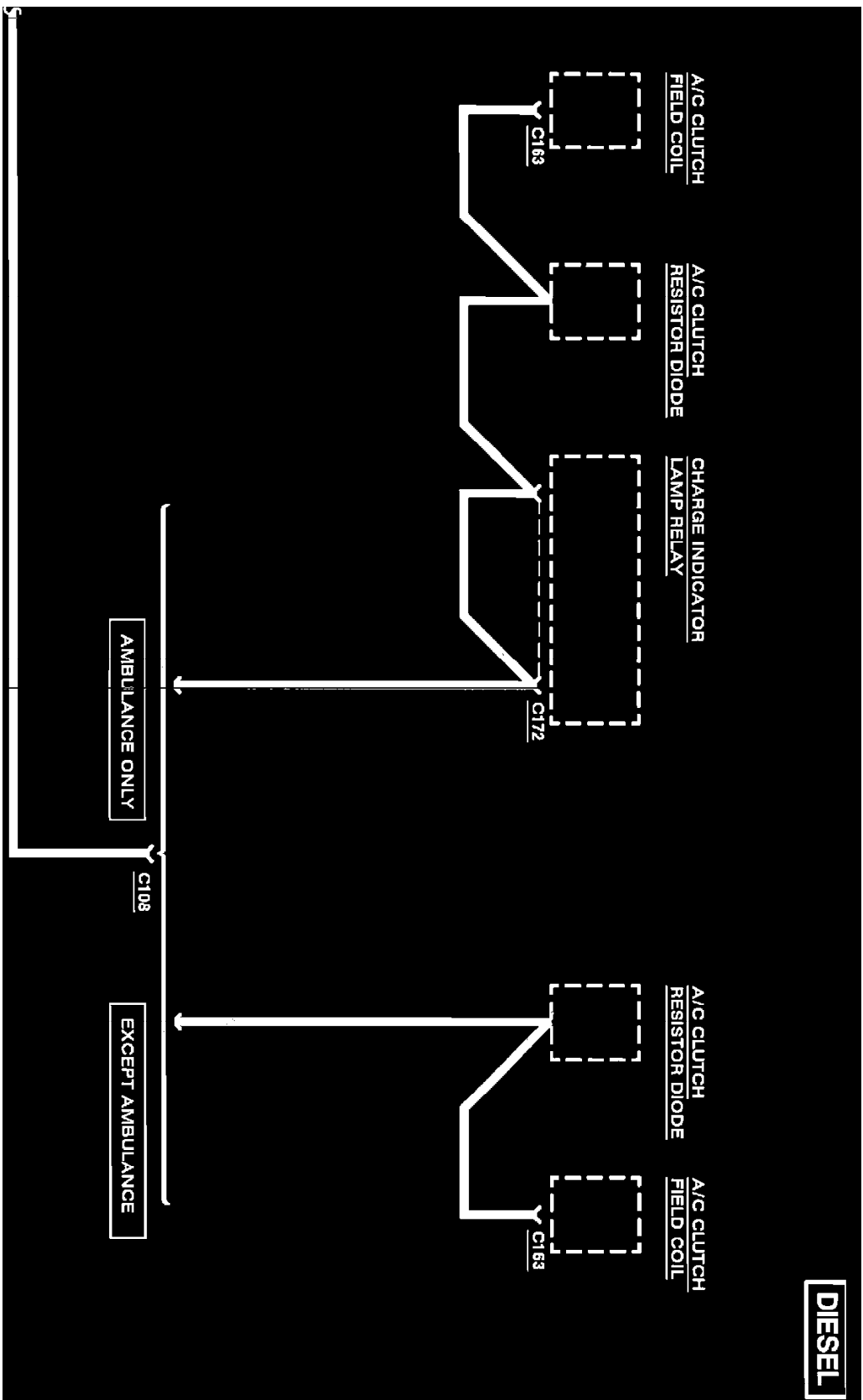
Ground 100



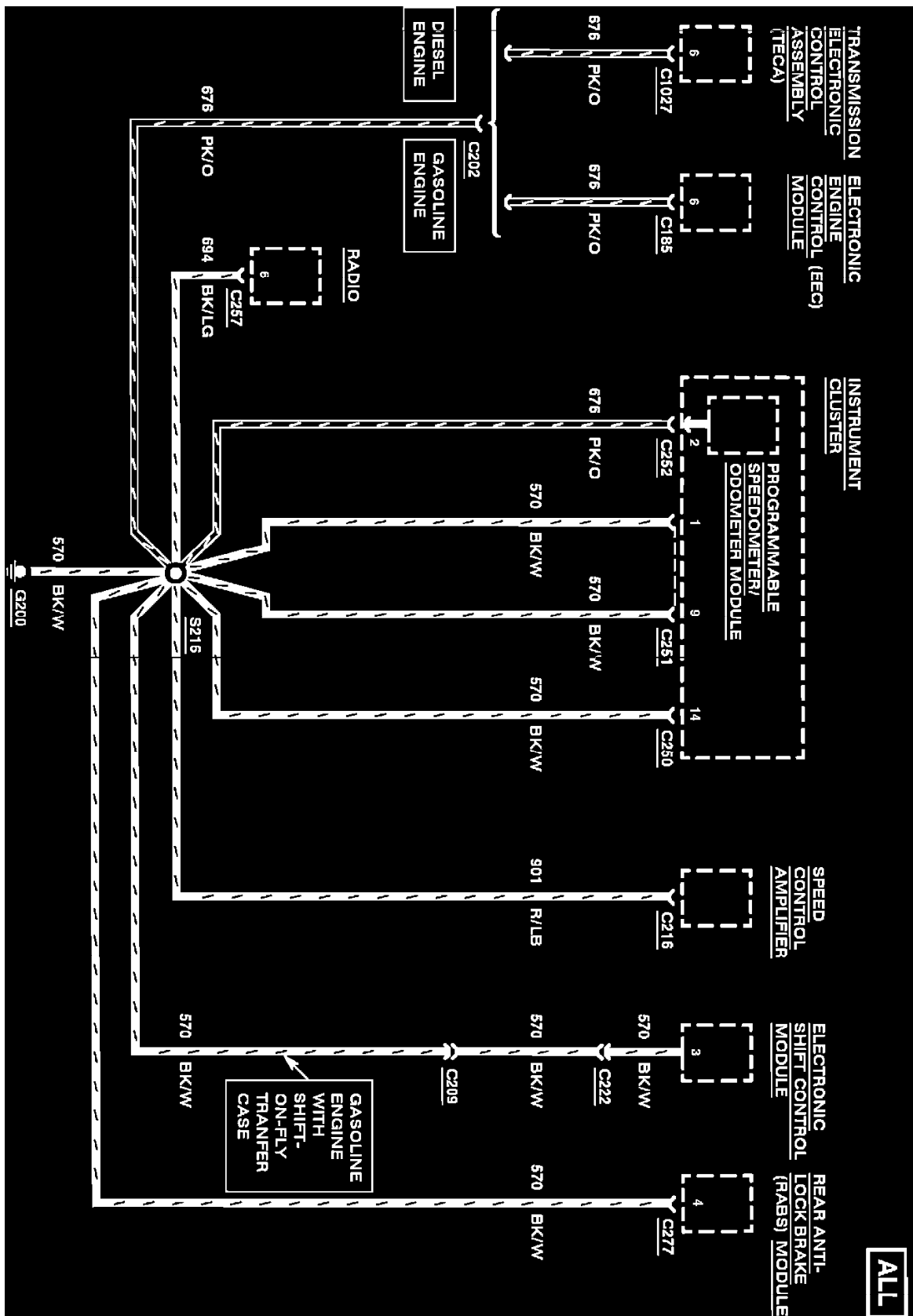
Ground 100



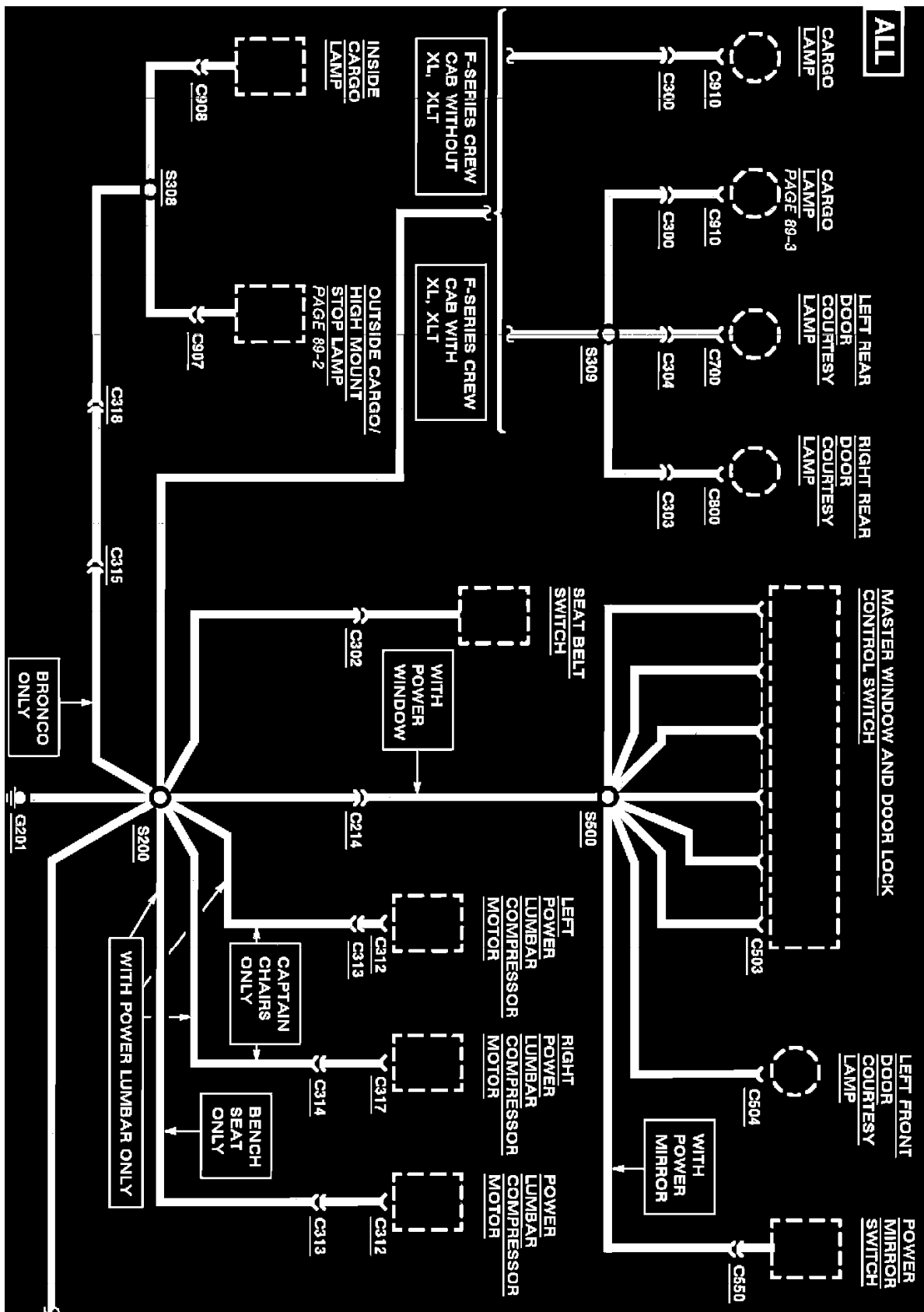
Ground 101



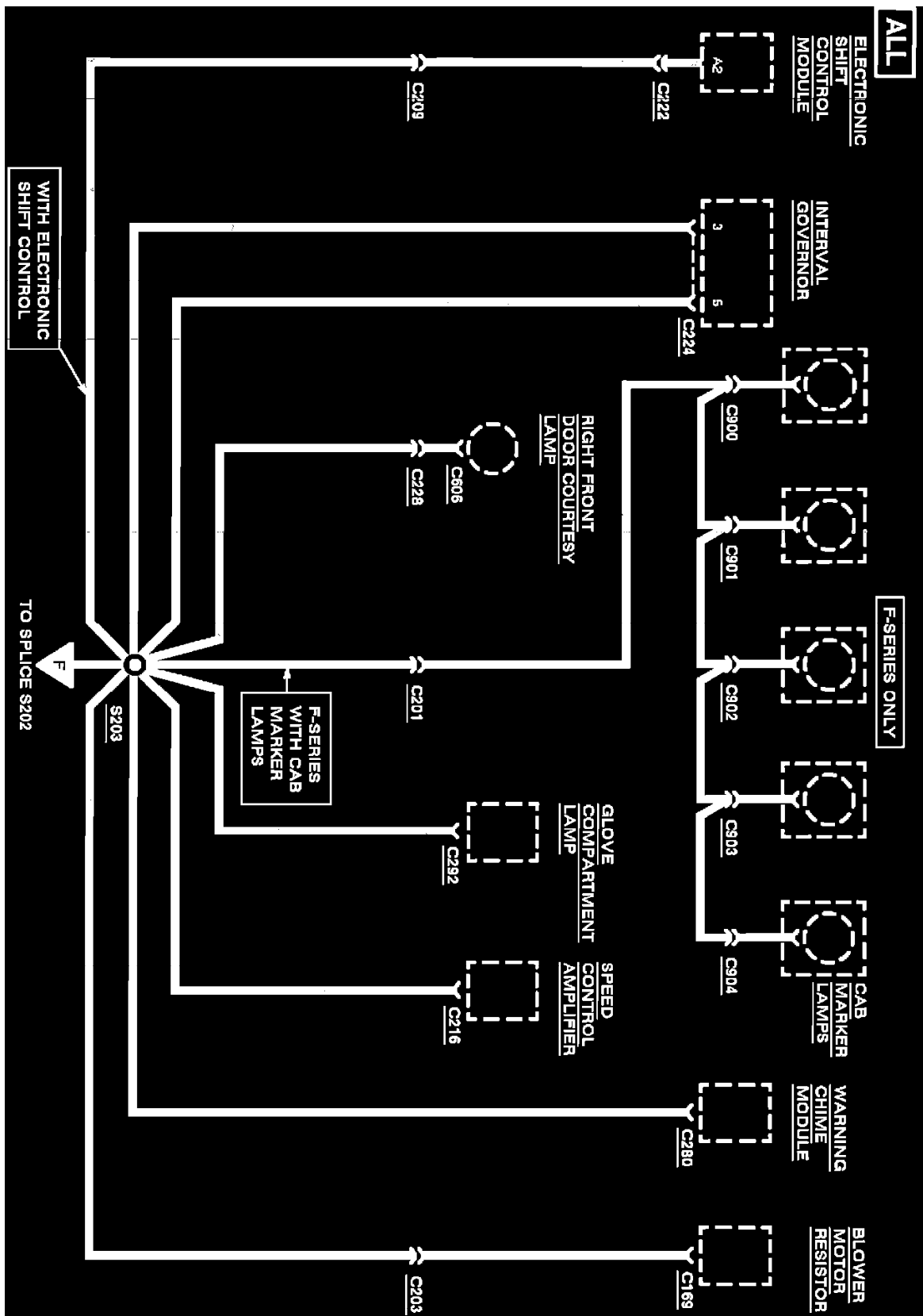
Ground 101



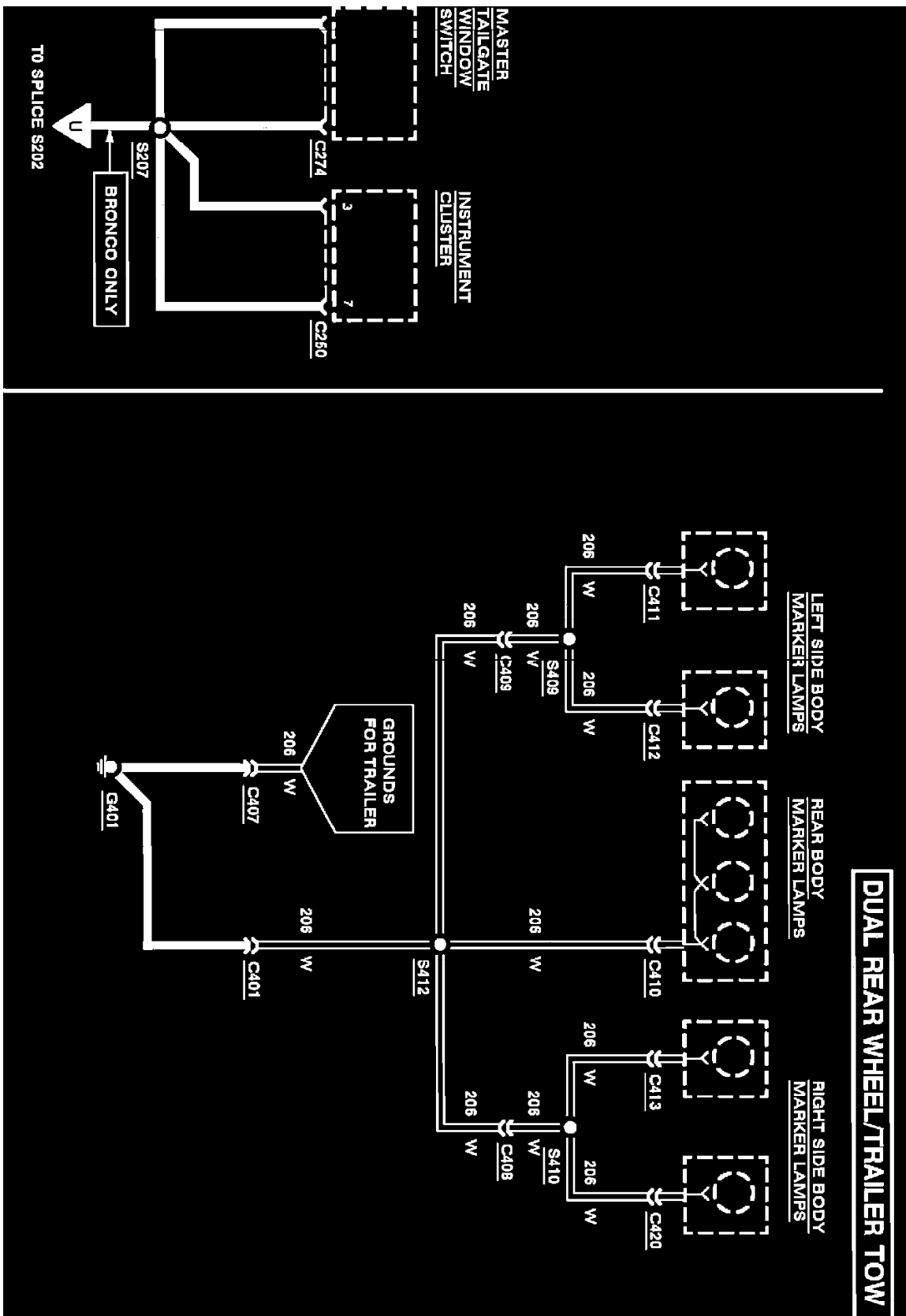
Ground 200



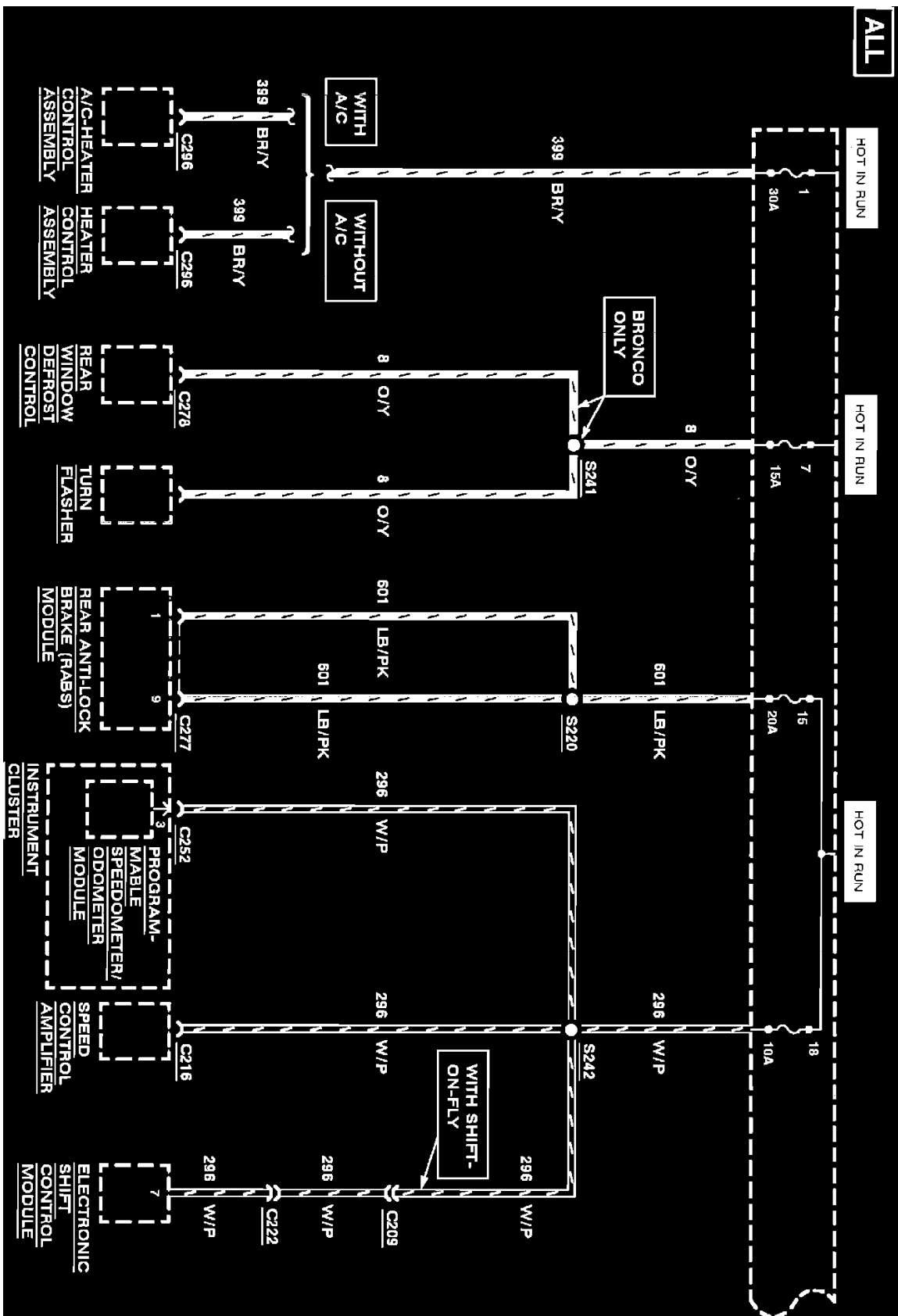
Ground 201



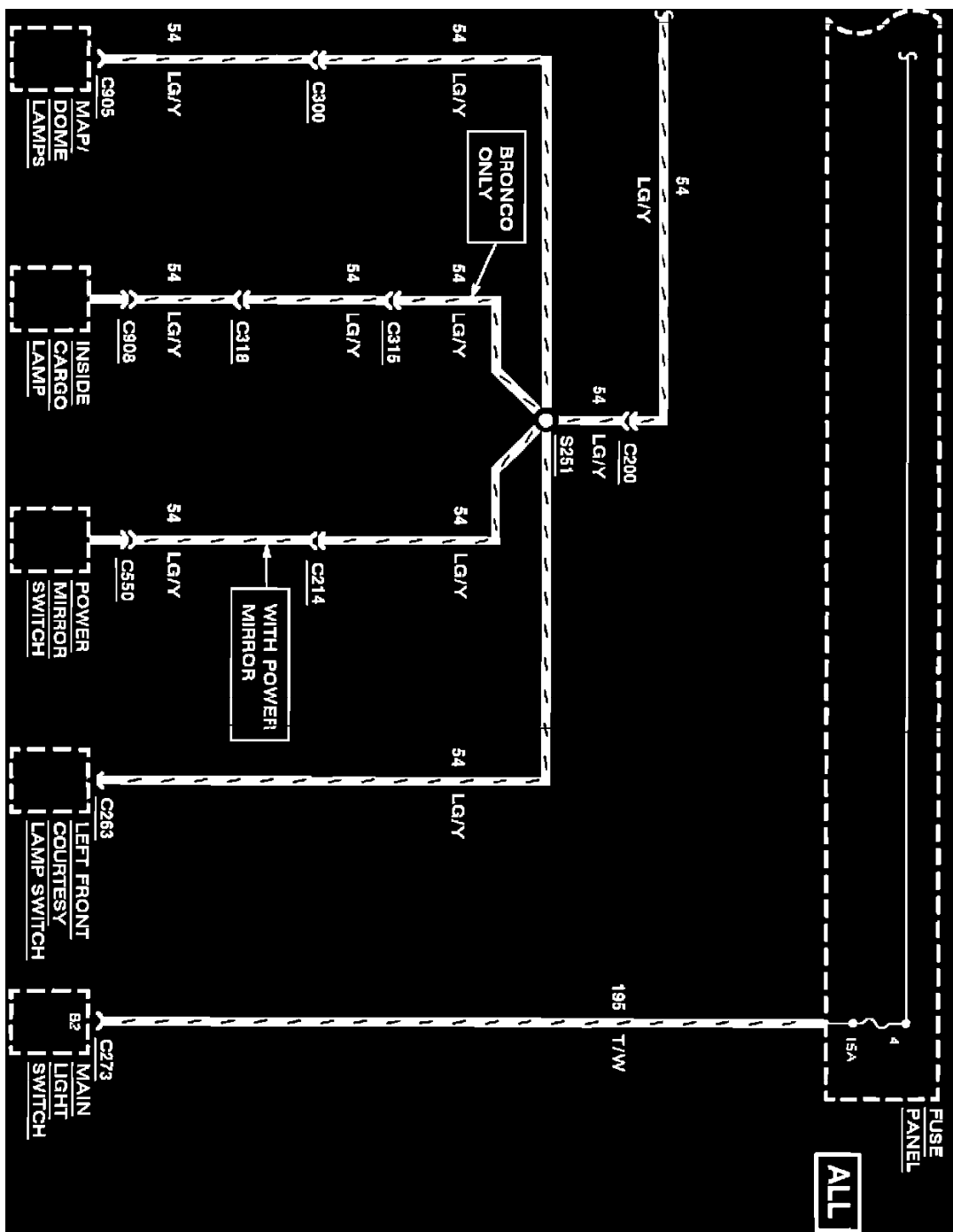
Ground 201



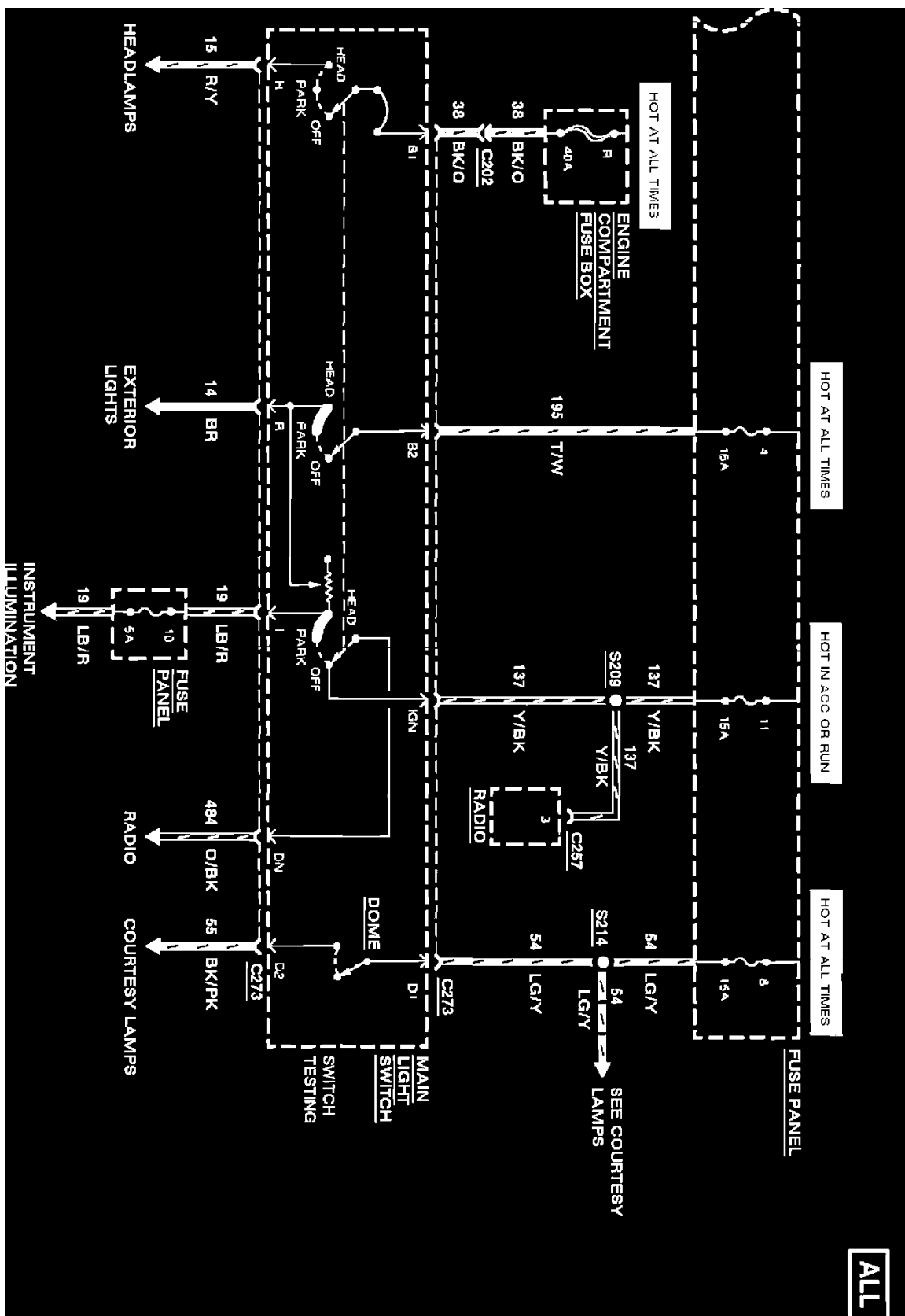
Ground 401



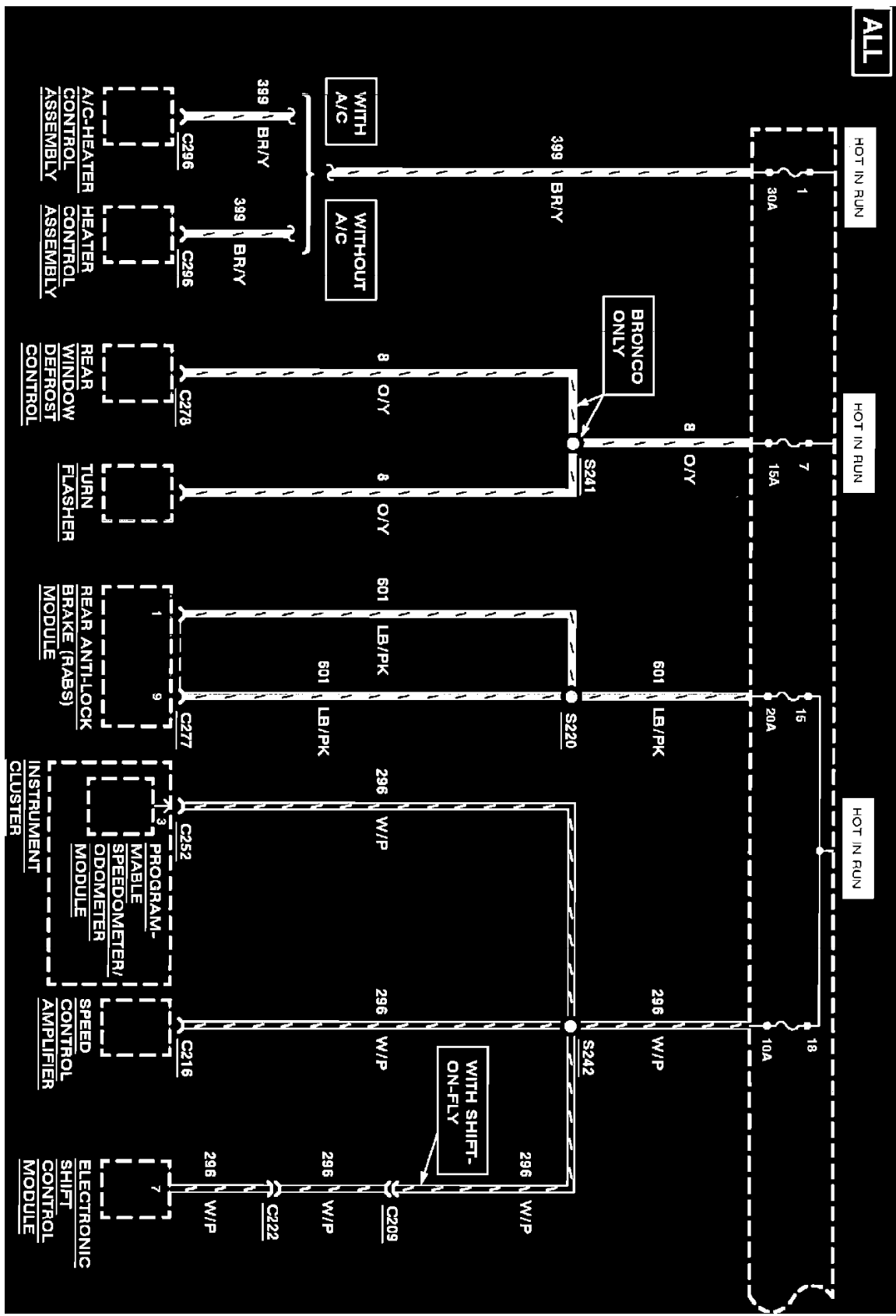
Power Distribution



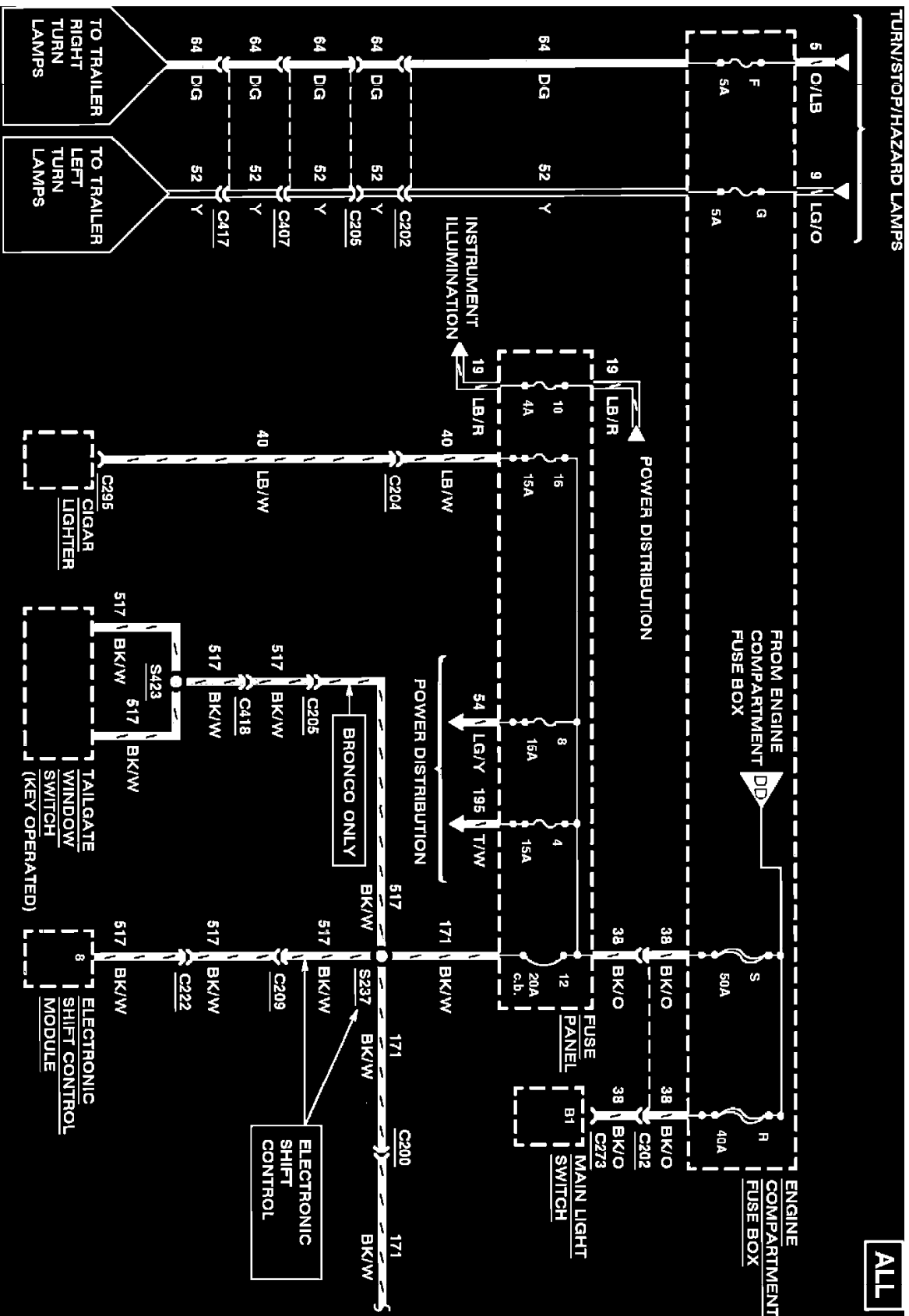
Power Distribution



Power Distribution

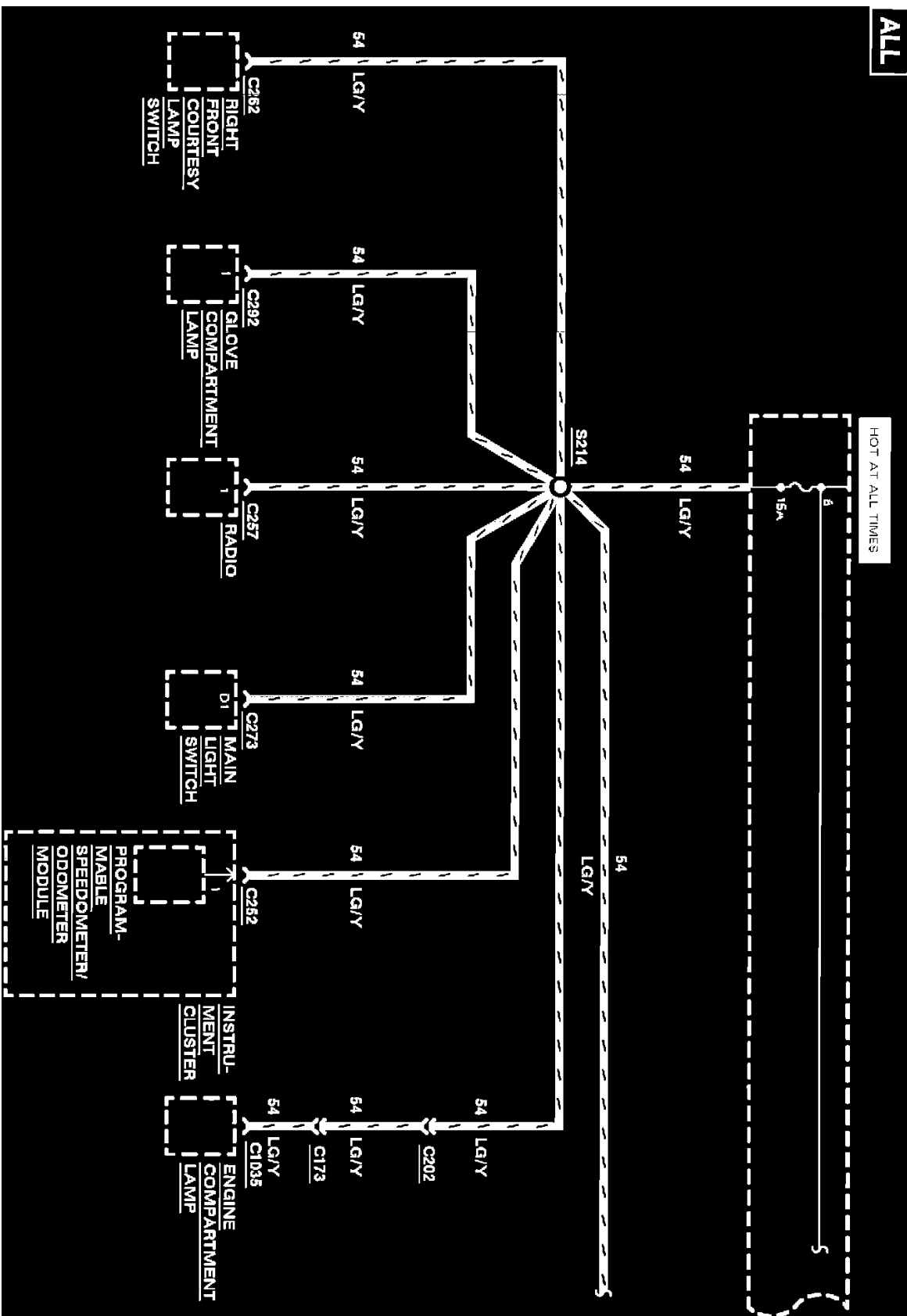


Power Distribution

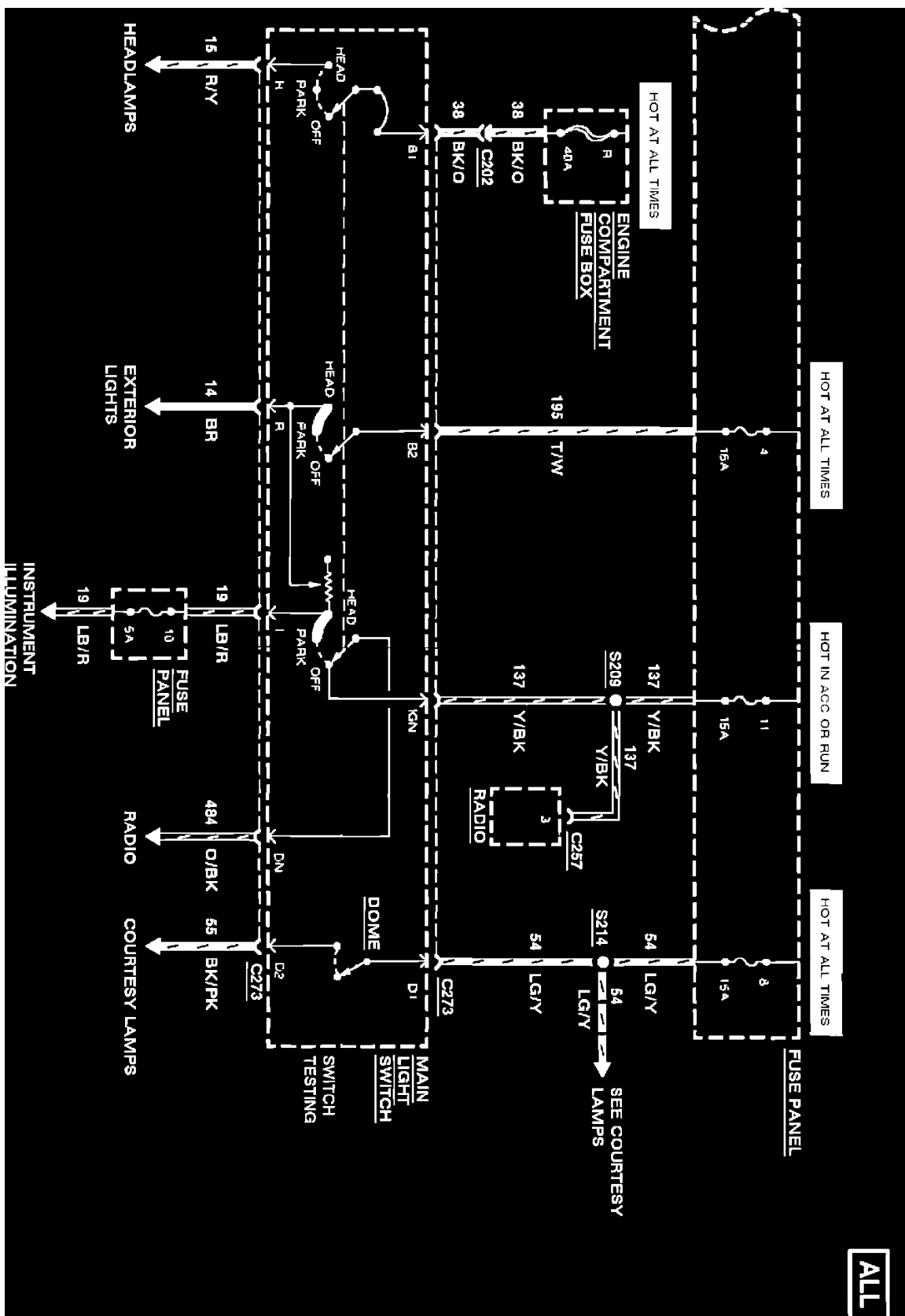


ALL

Power Distribution

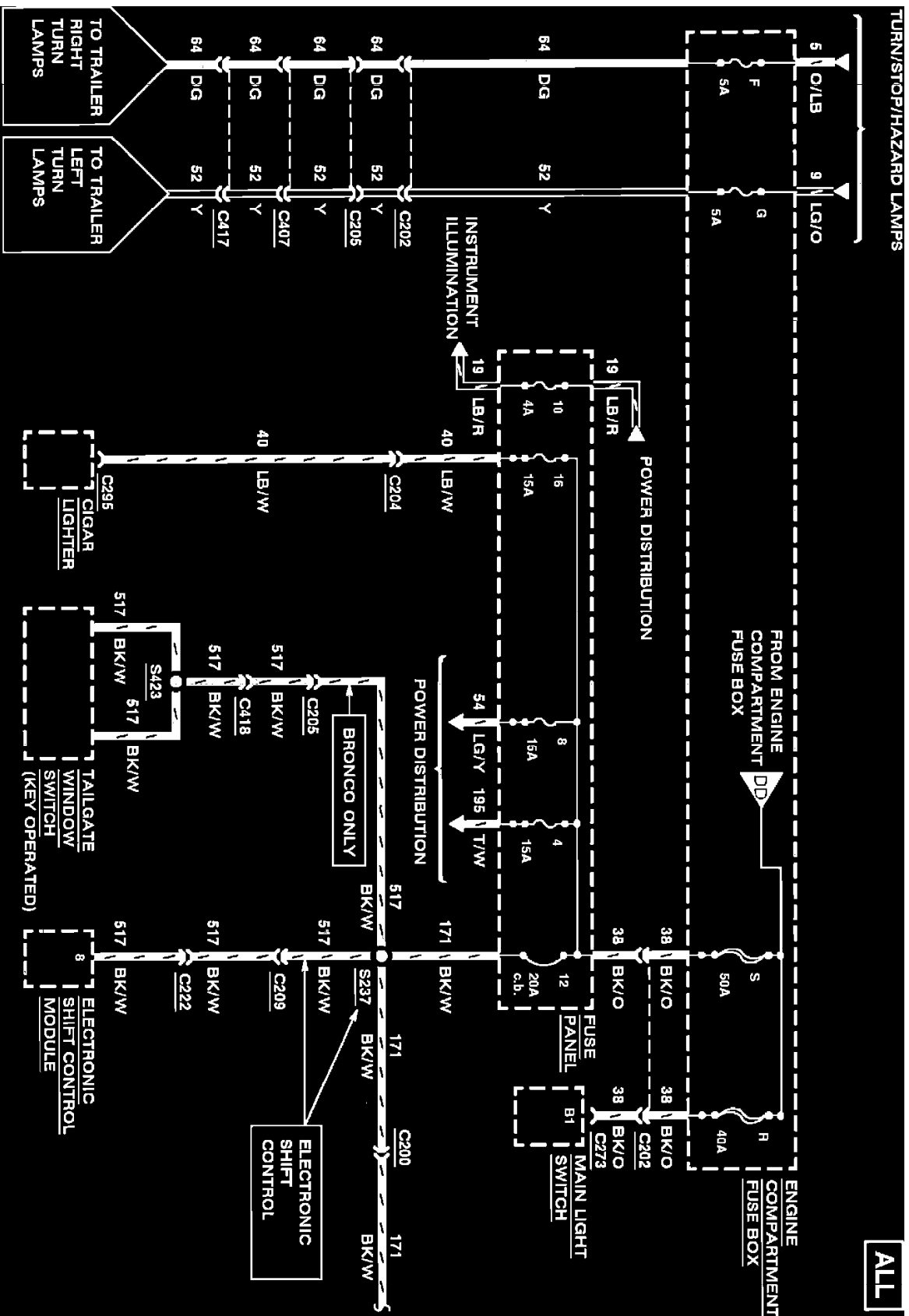


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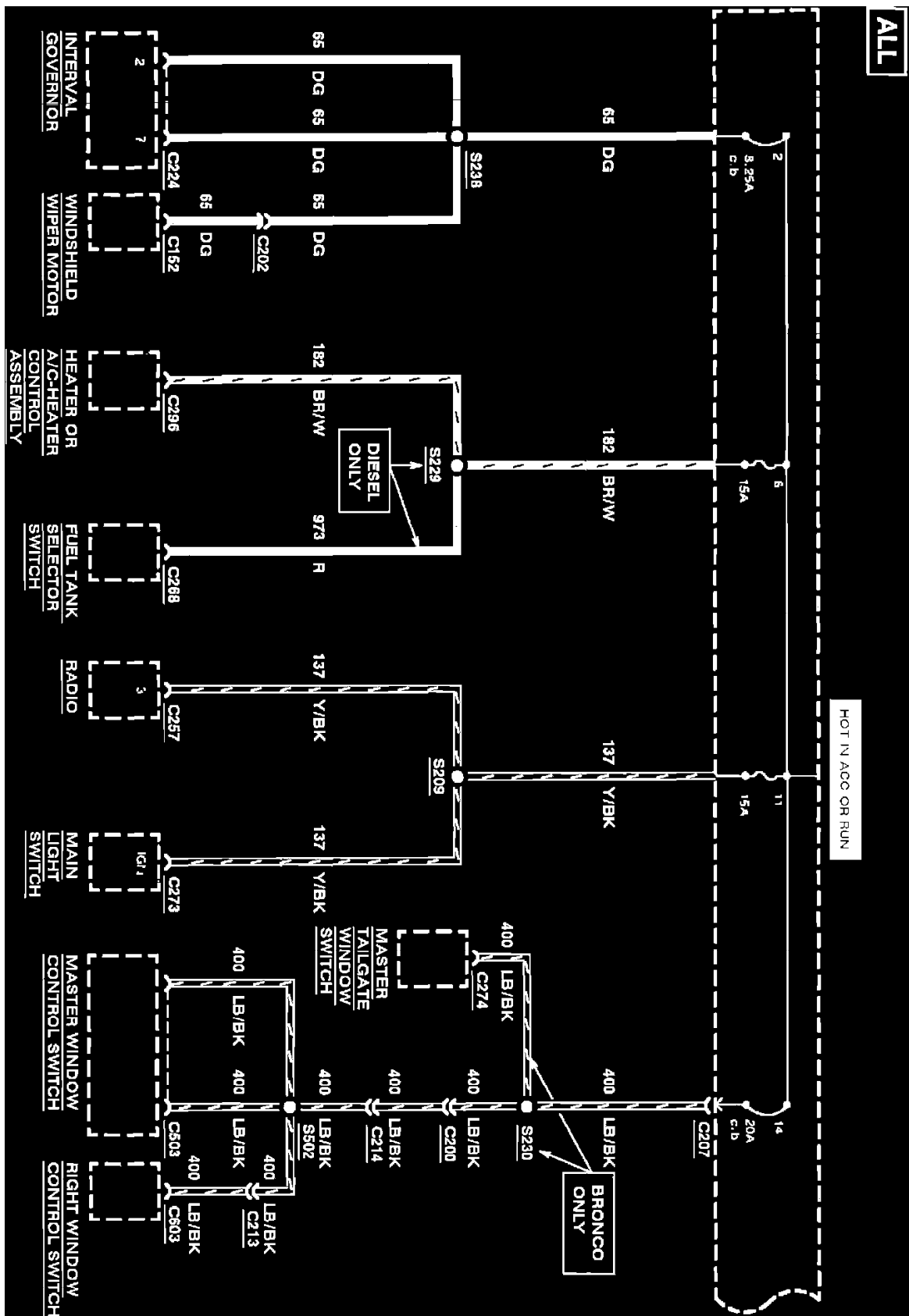


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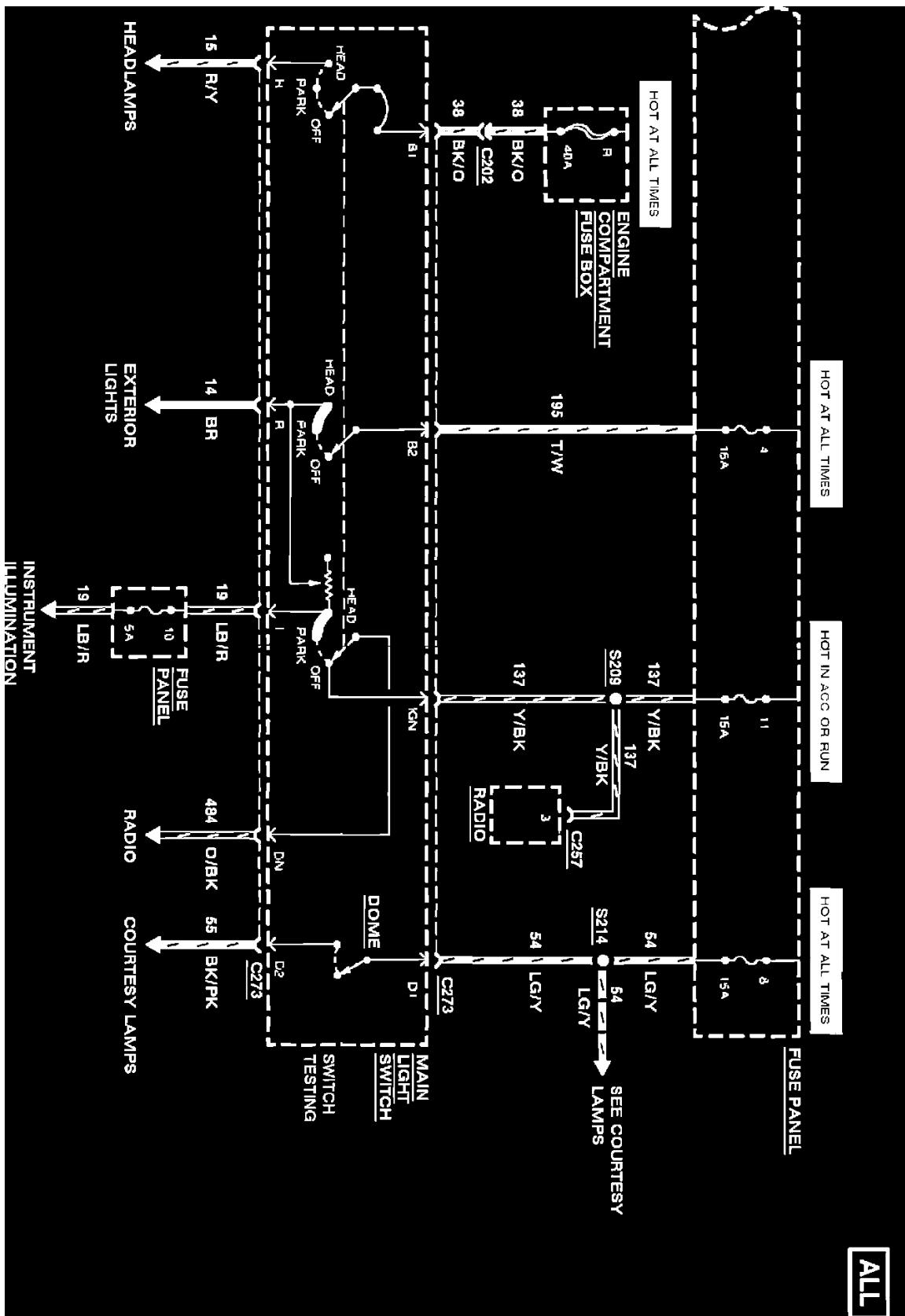
Power Distribution



Power Distribution

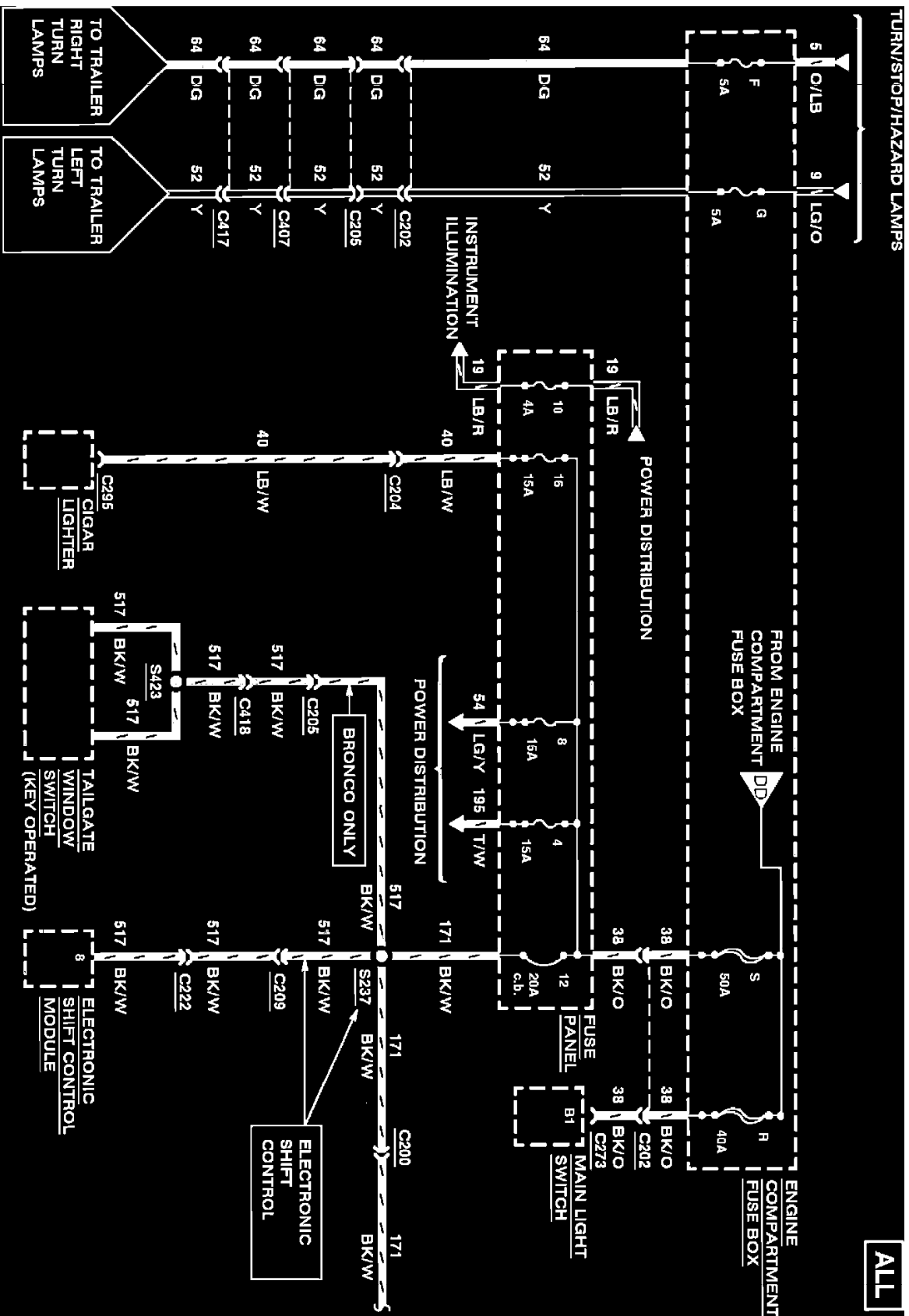


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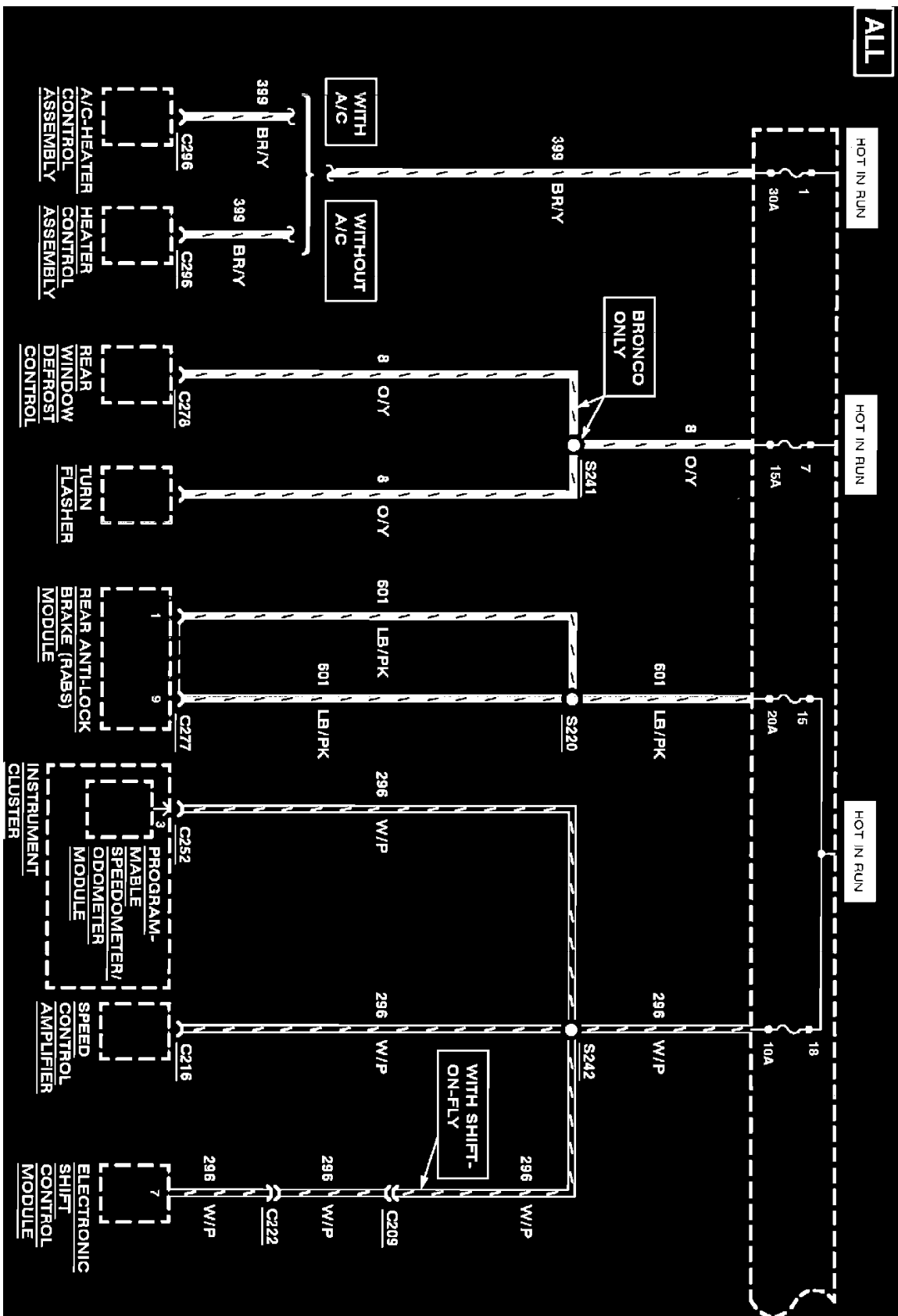


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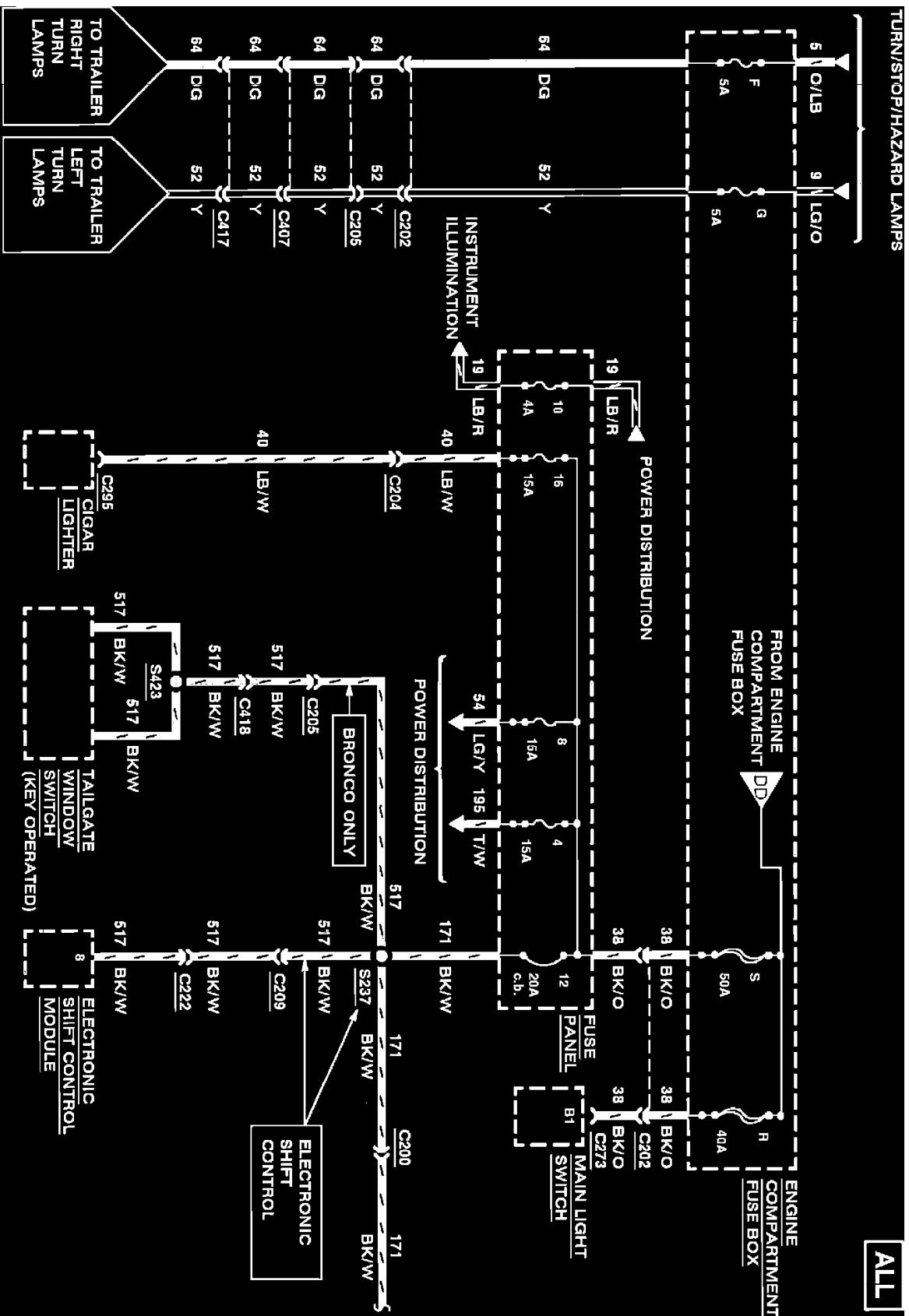
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Power Distribution

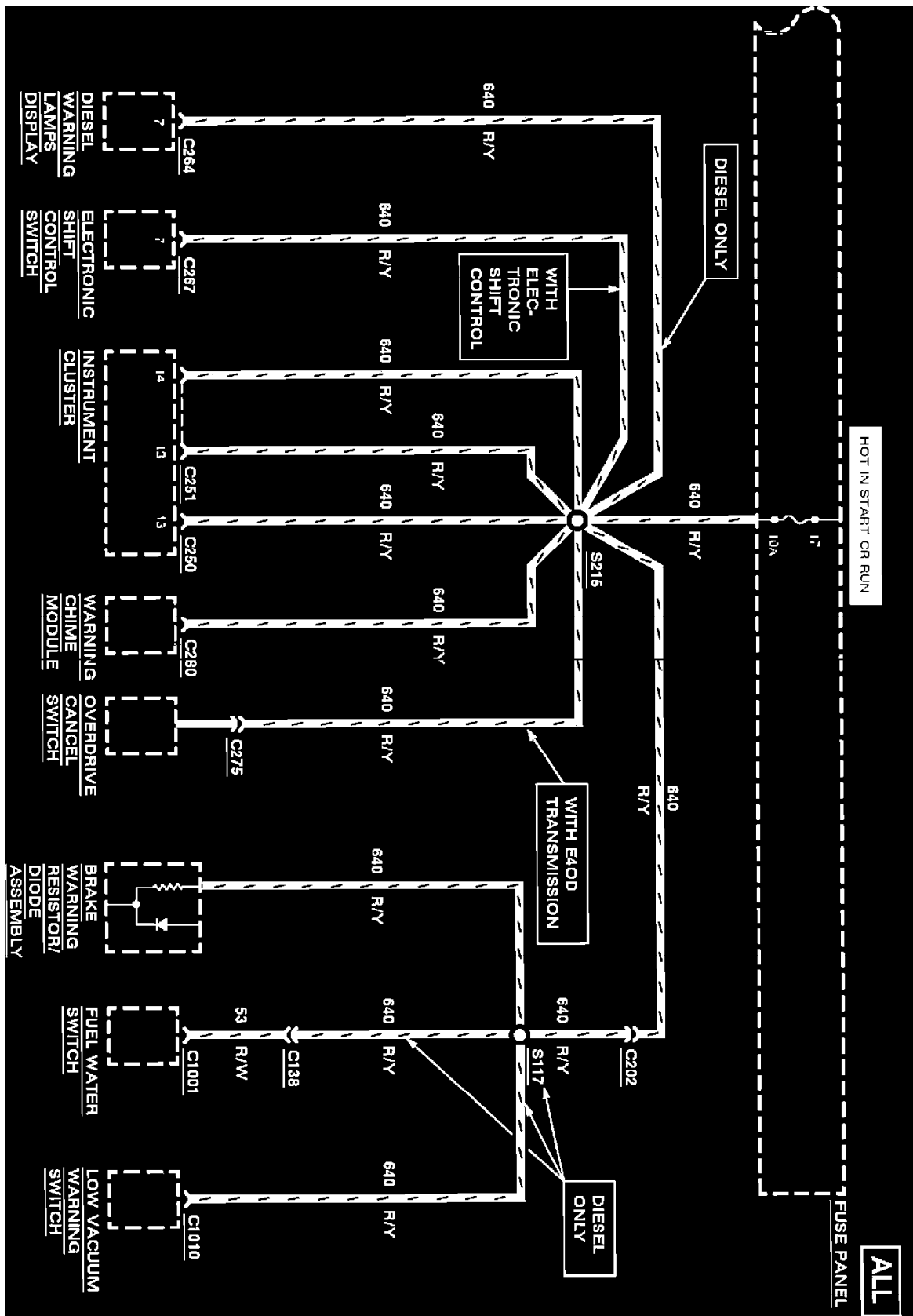


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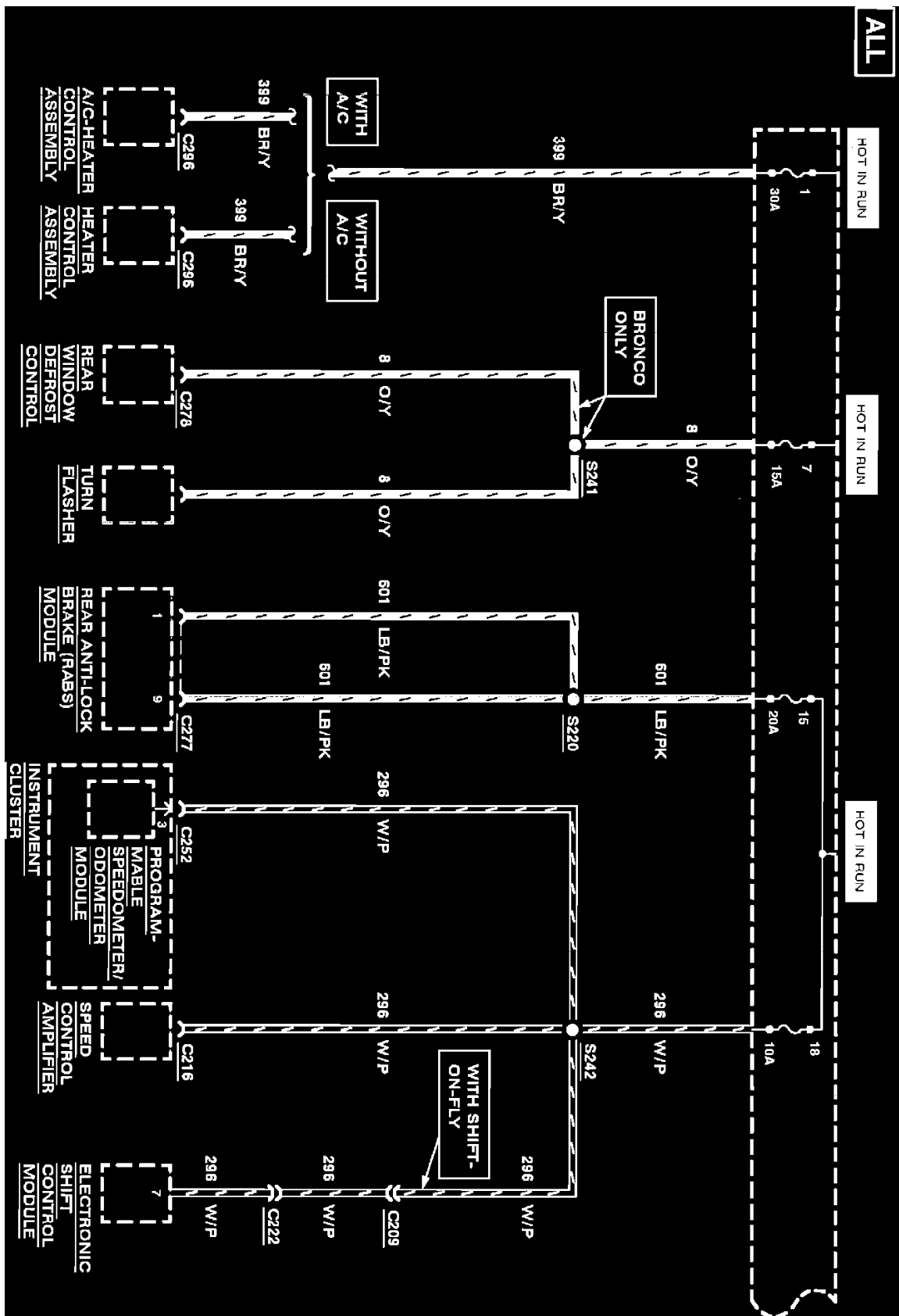


ALL

Power Distribution



Power Distribution

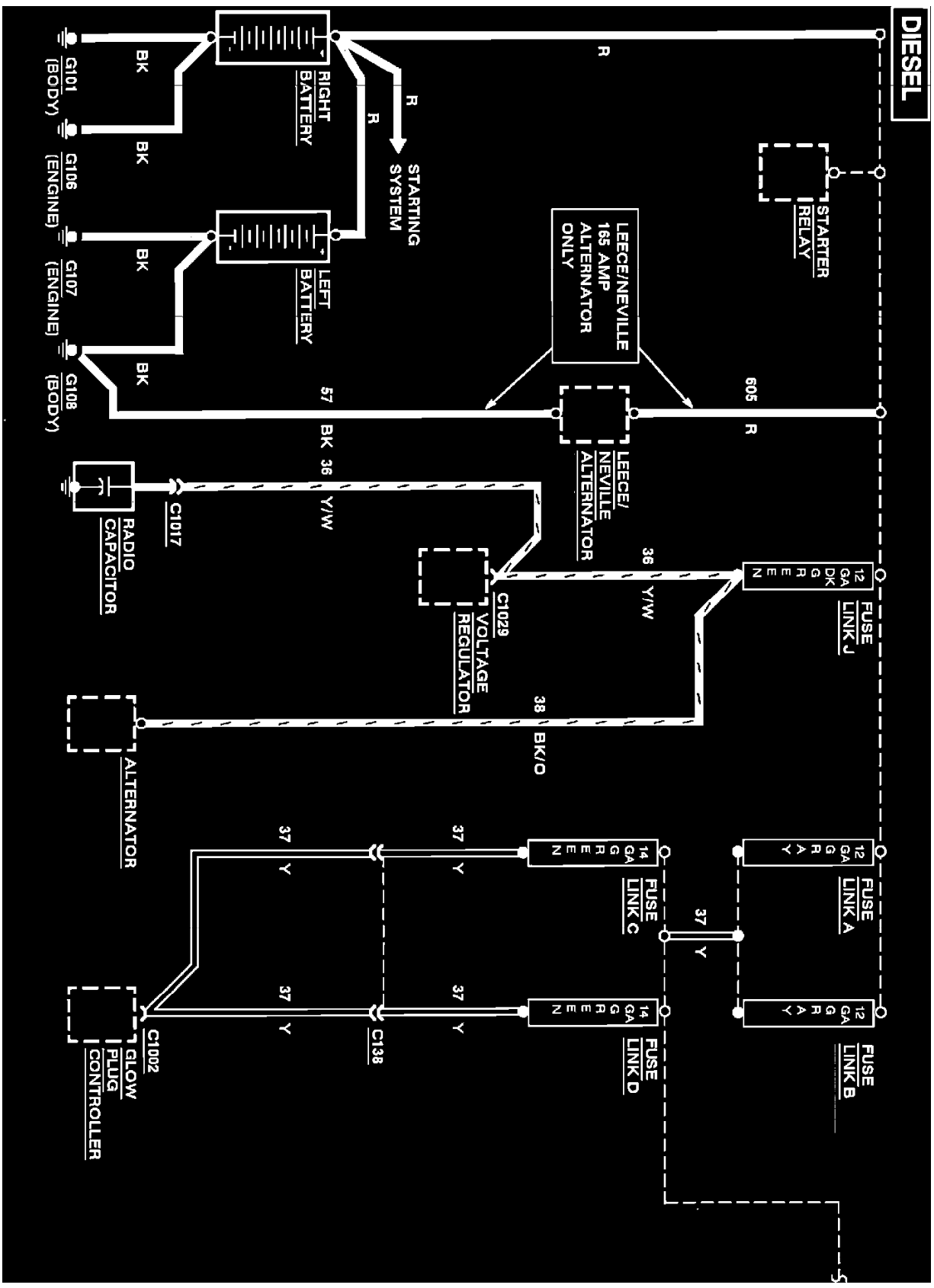


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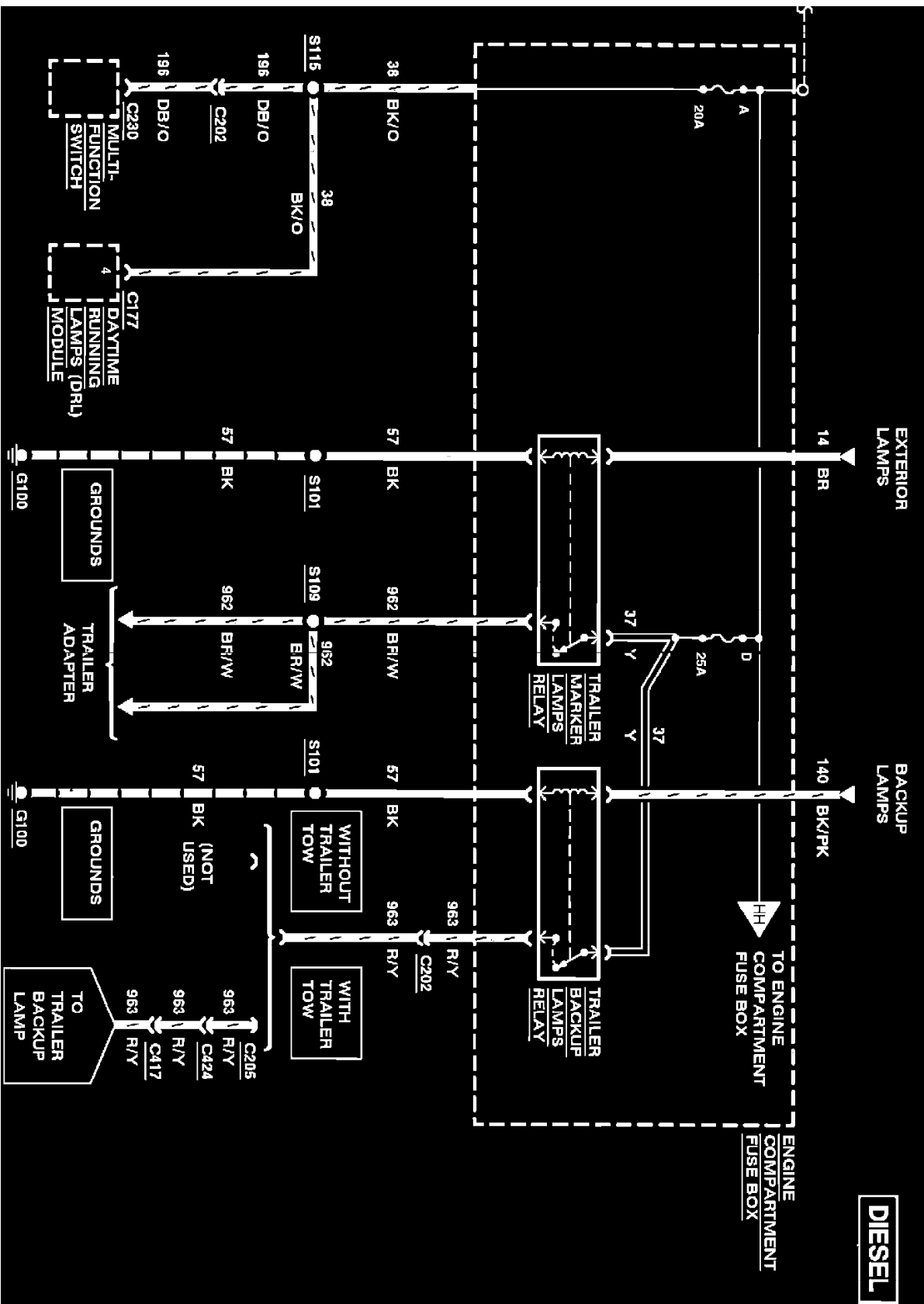
Power Distribution Circuit Notes

The Power Distribution circuits show how several systems receive power through the same fuse, circuit breaker or fuse link cartage.

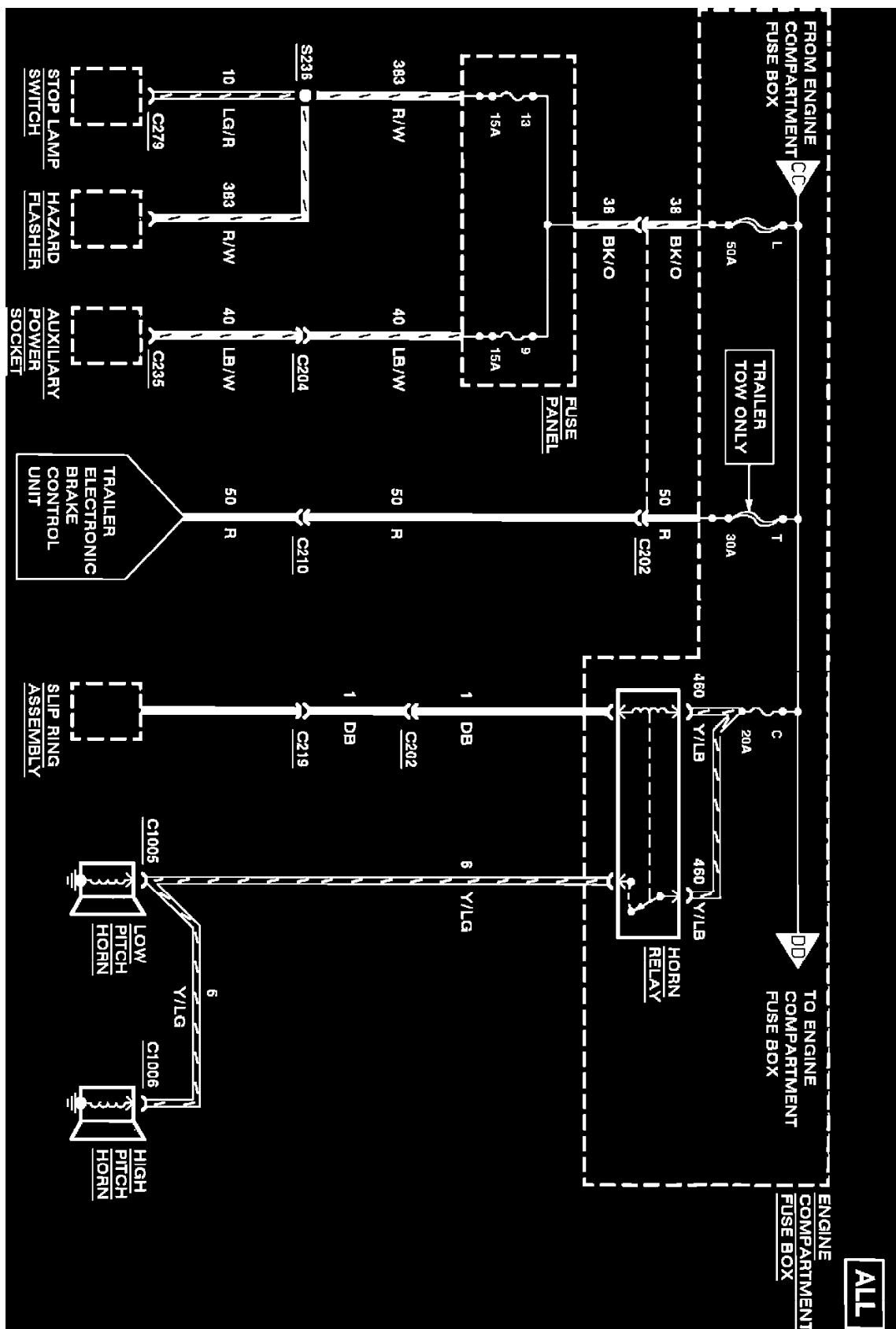
The circuits shown also indicate whether a particular fuse, circuit breaker or fuse link cartridge receives power directly from the Battery or through the Ignition Switch contacts.



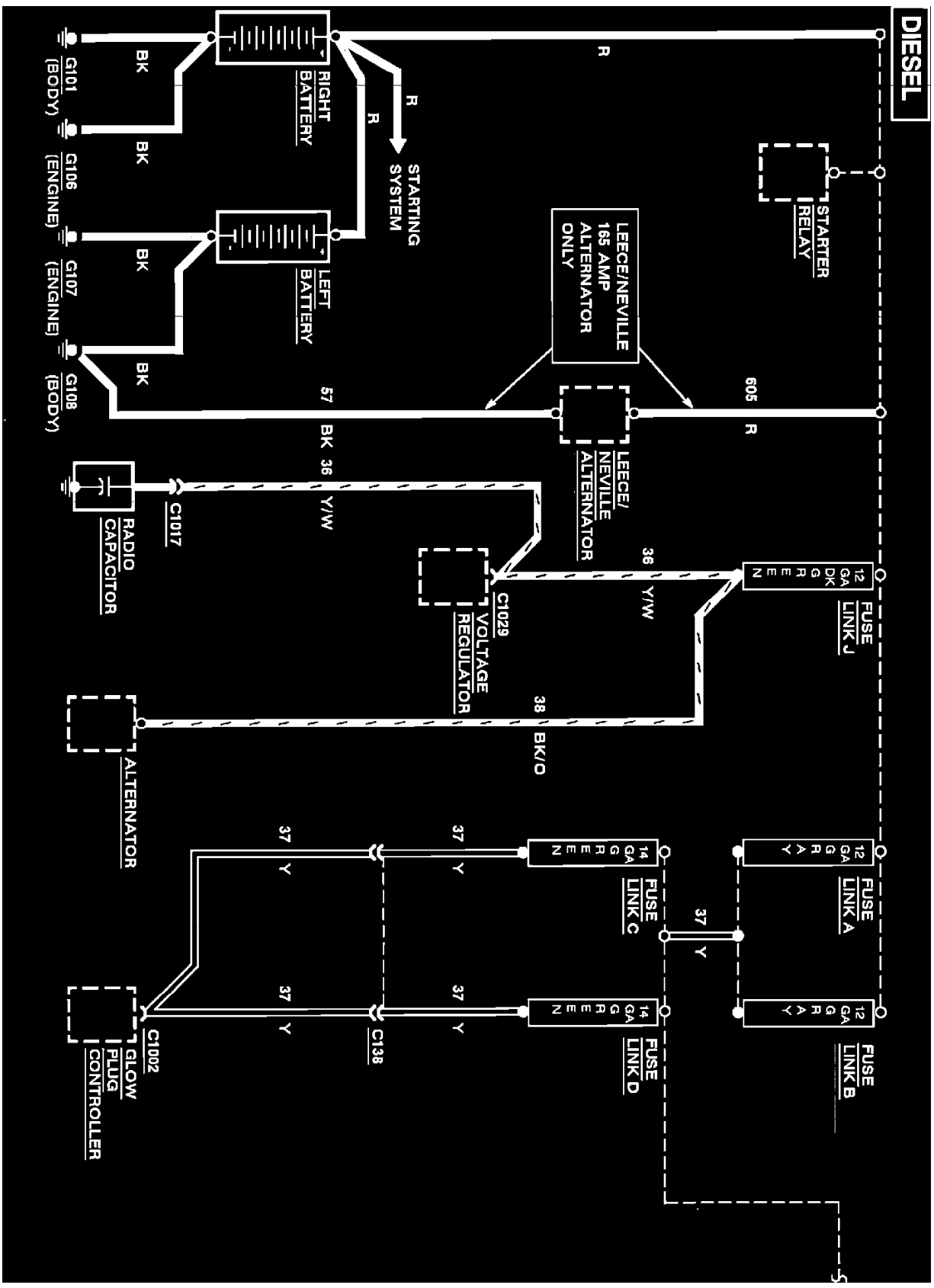
Power Distribution



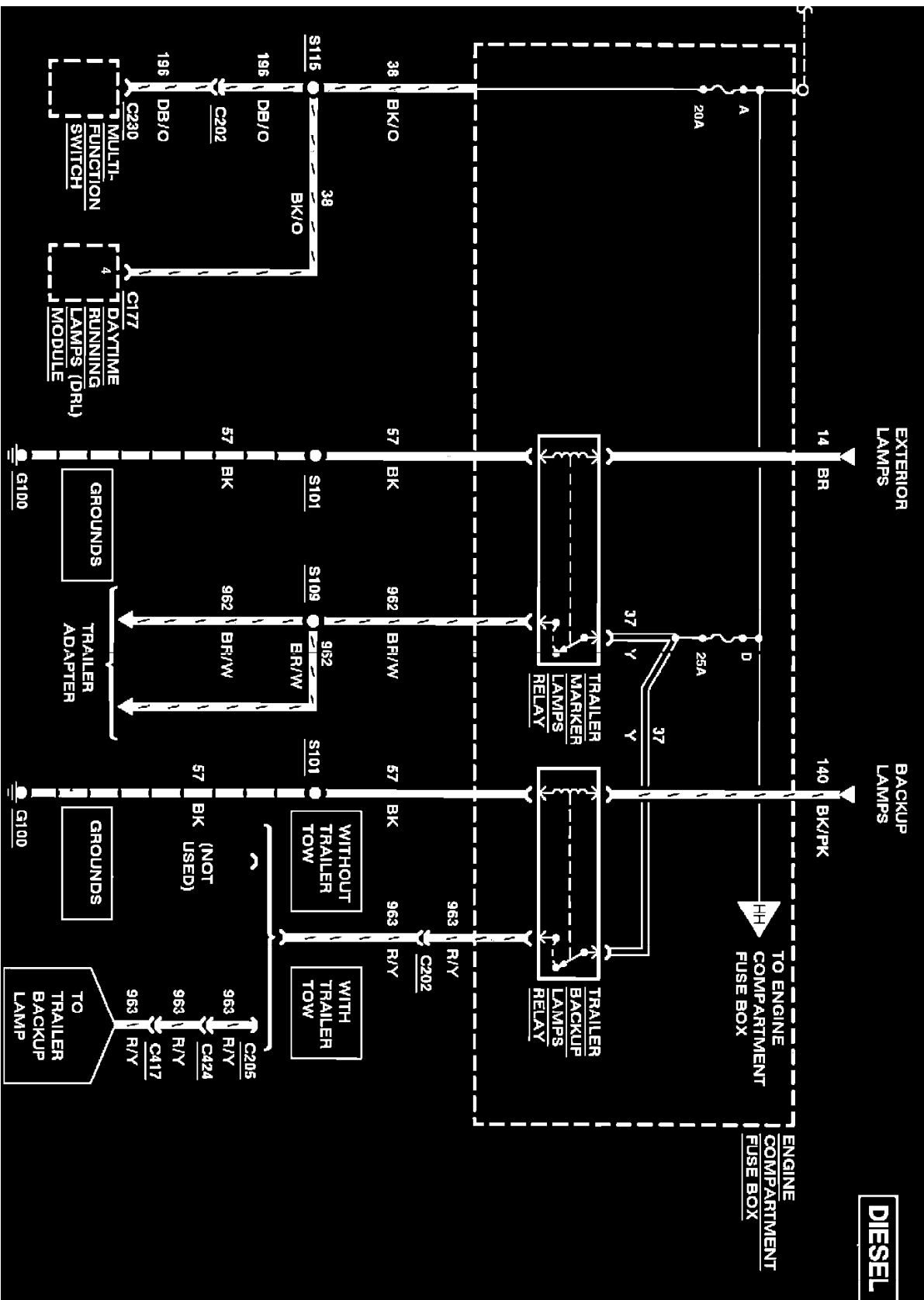
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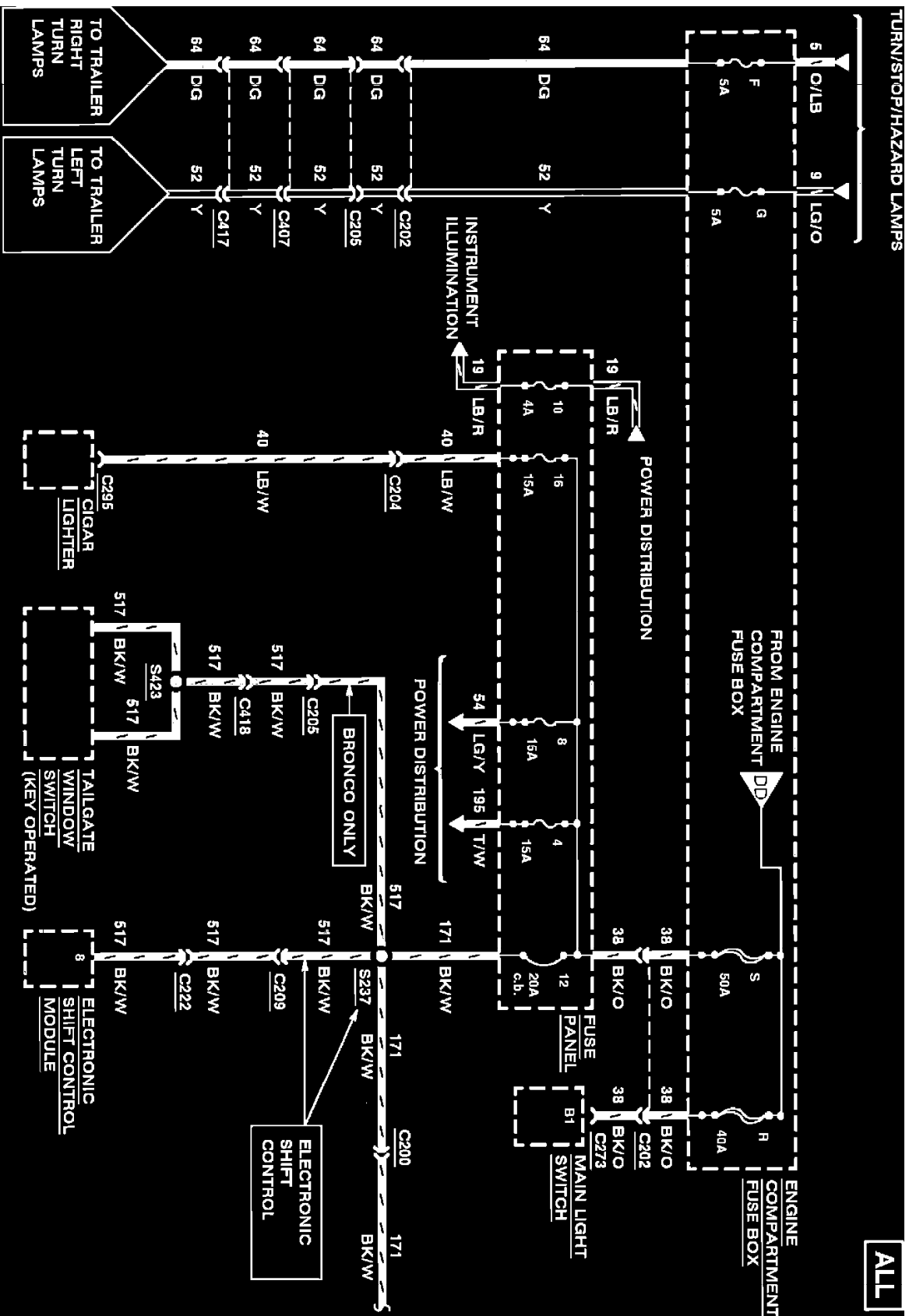
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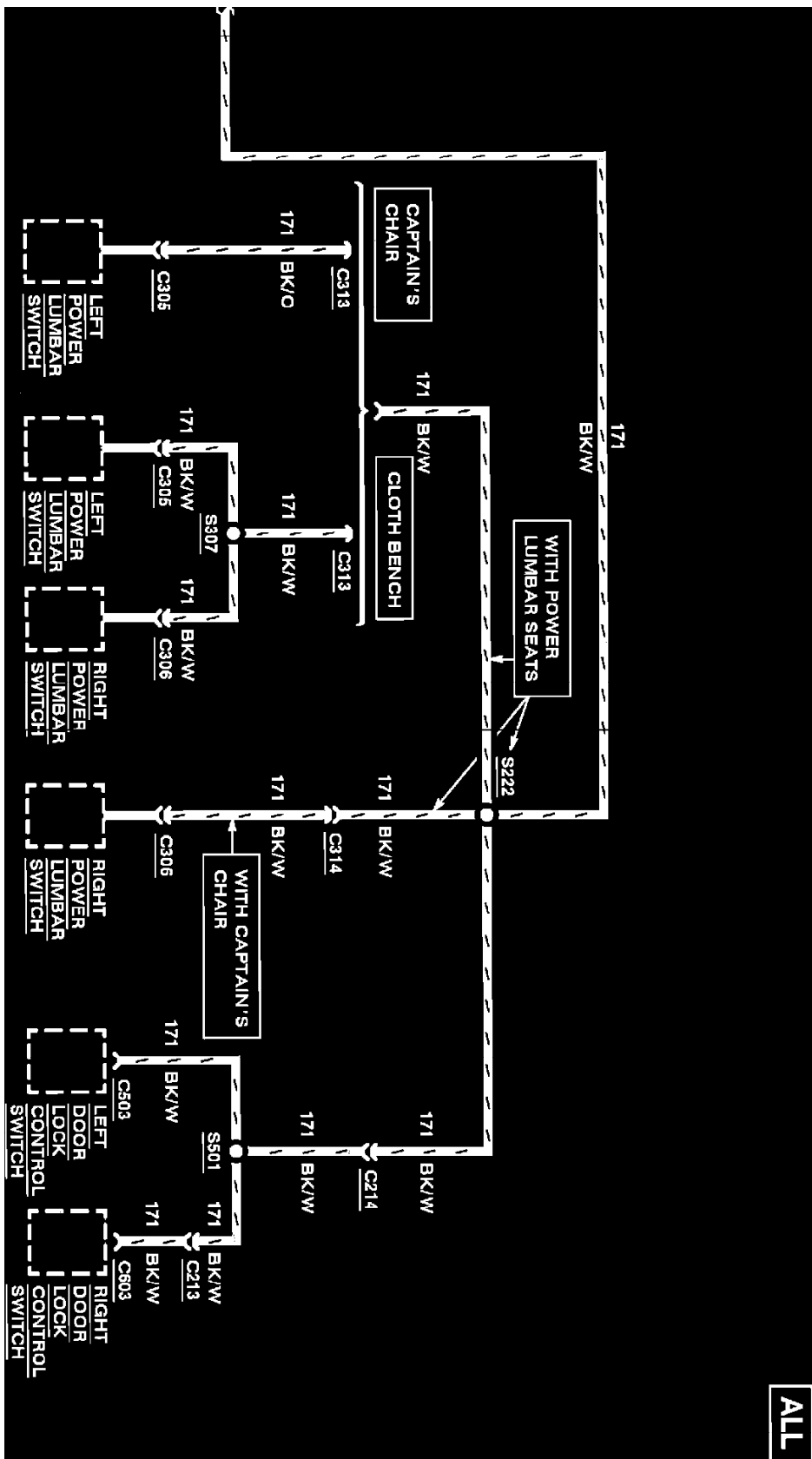
Power Distribution



Power Distribution

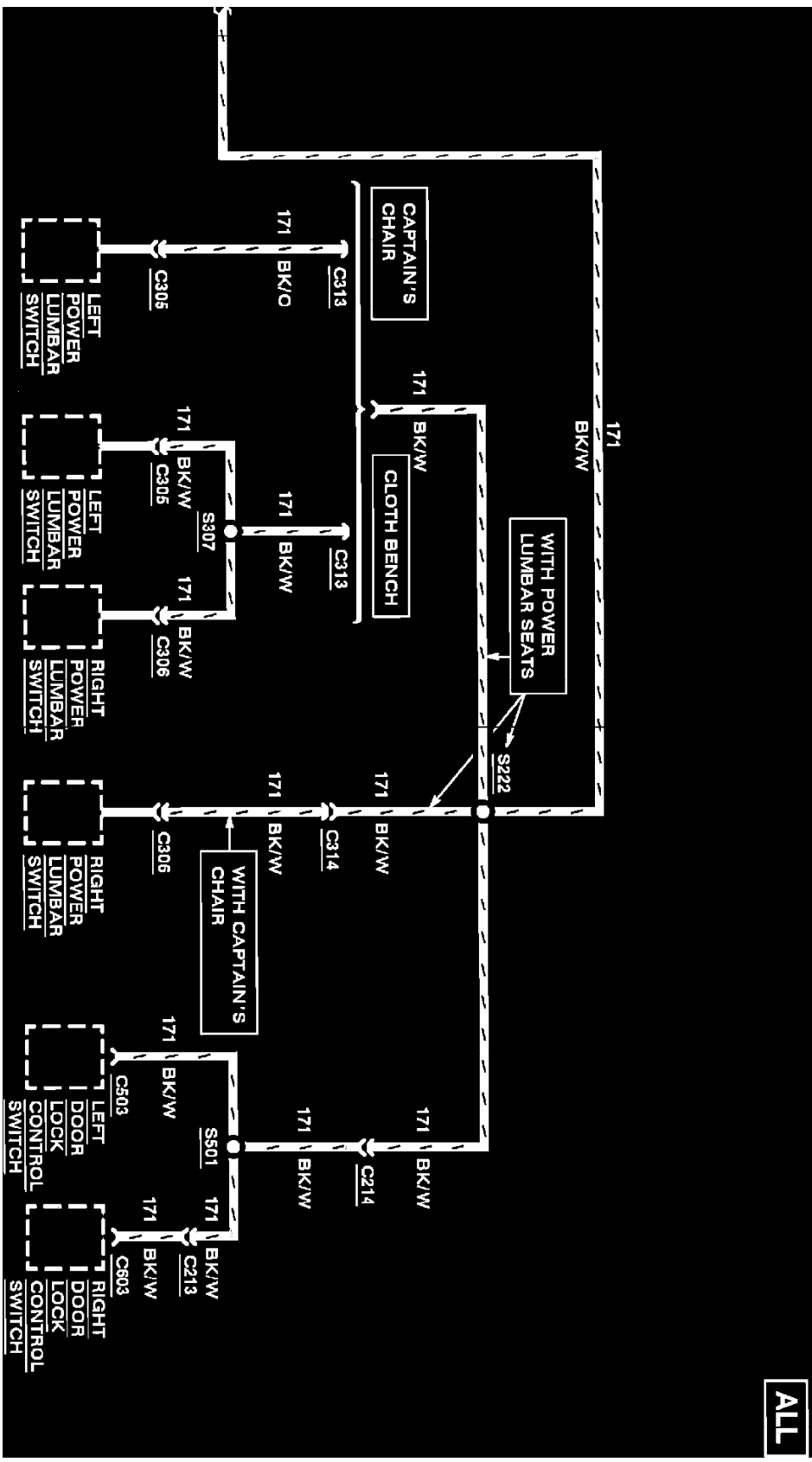


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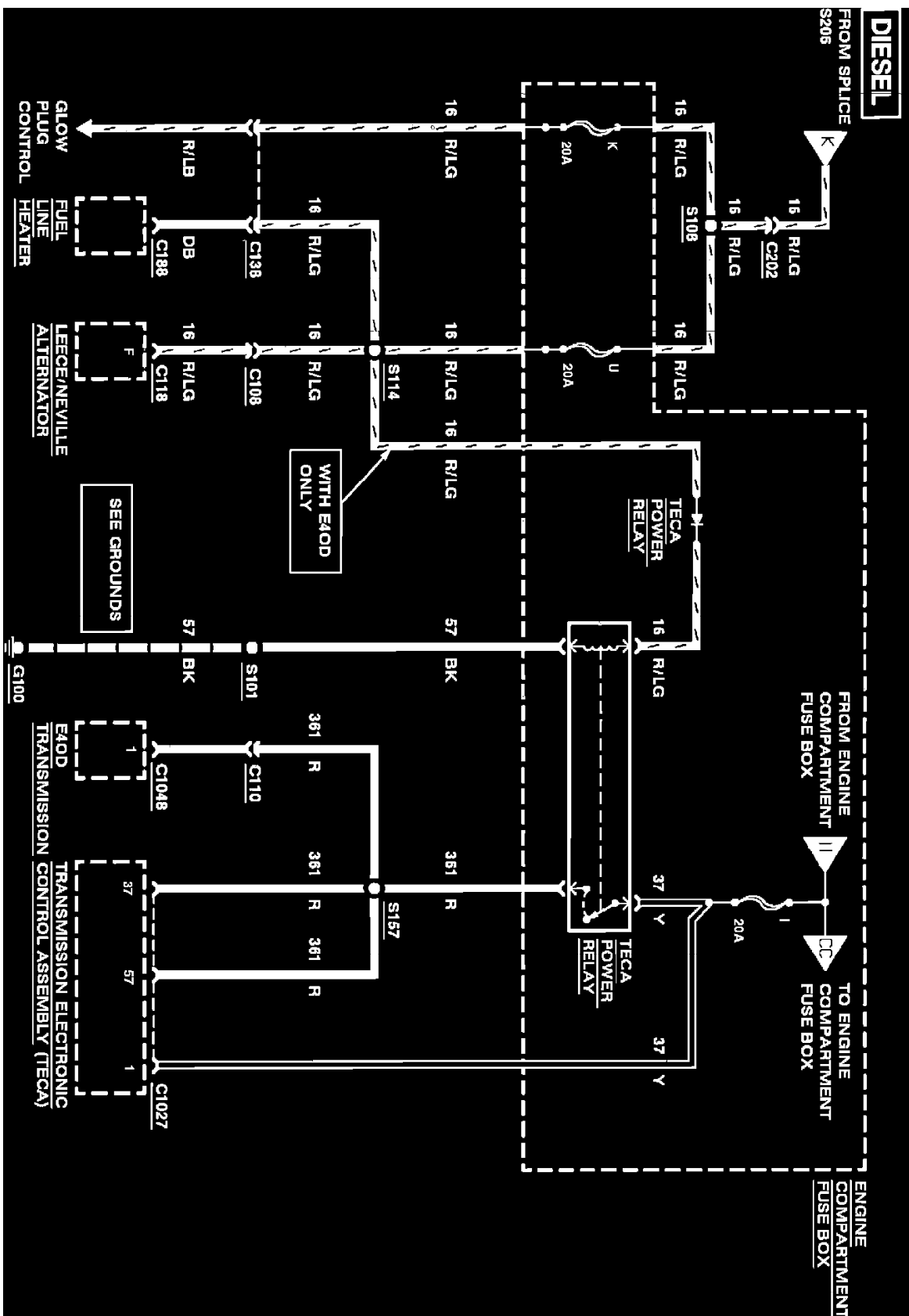
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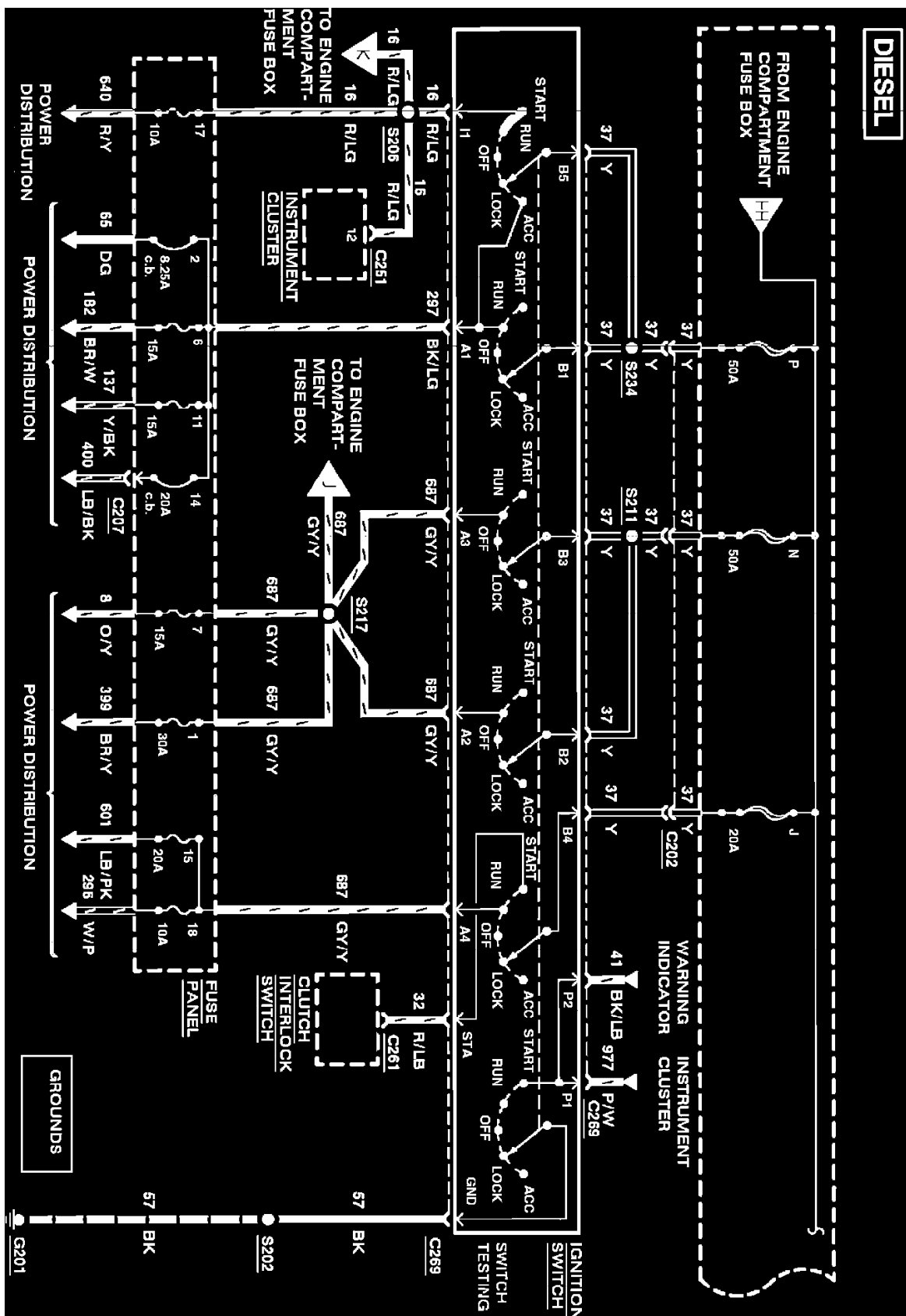


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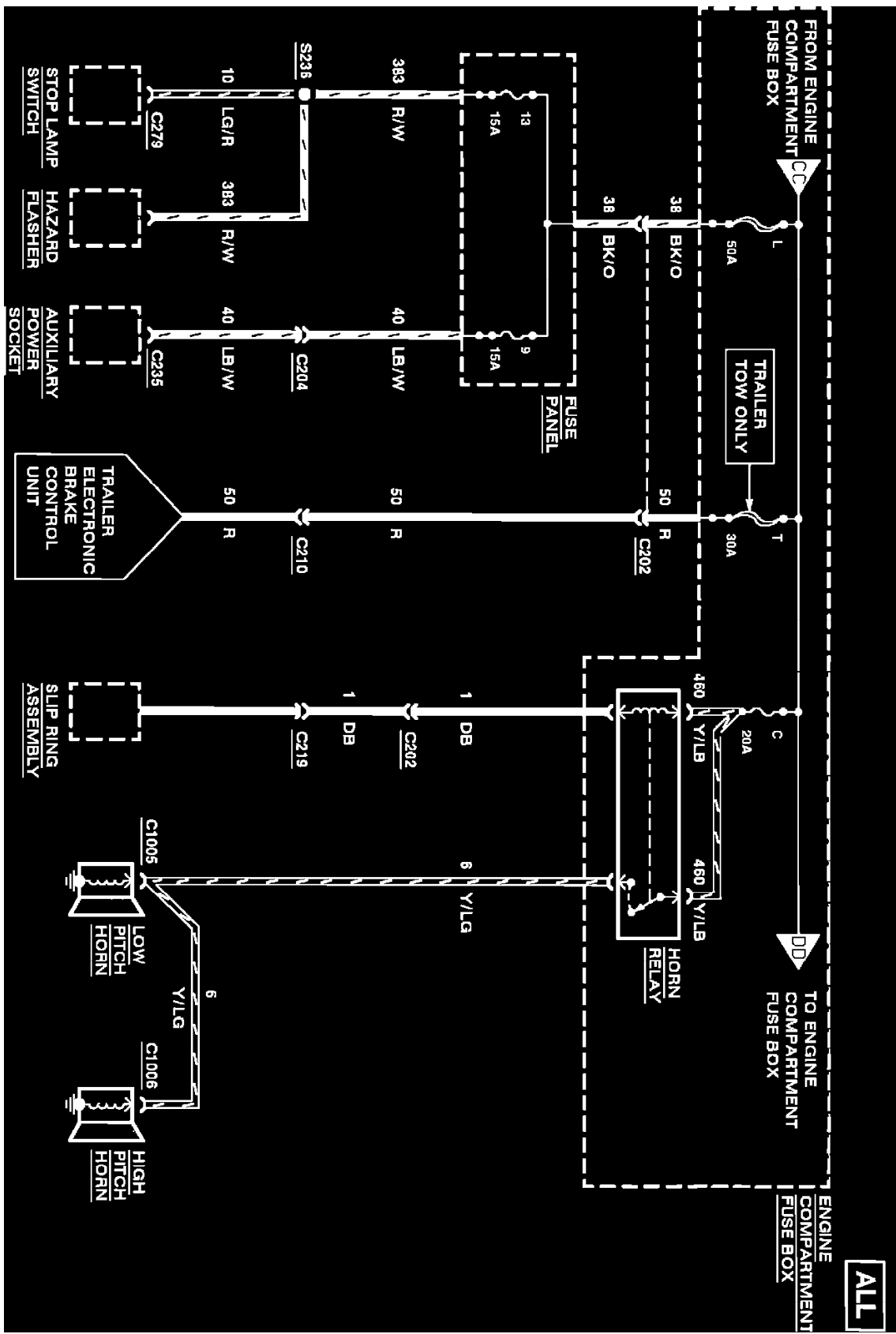
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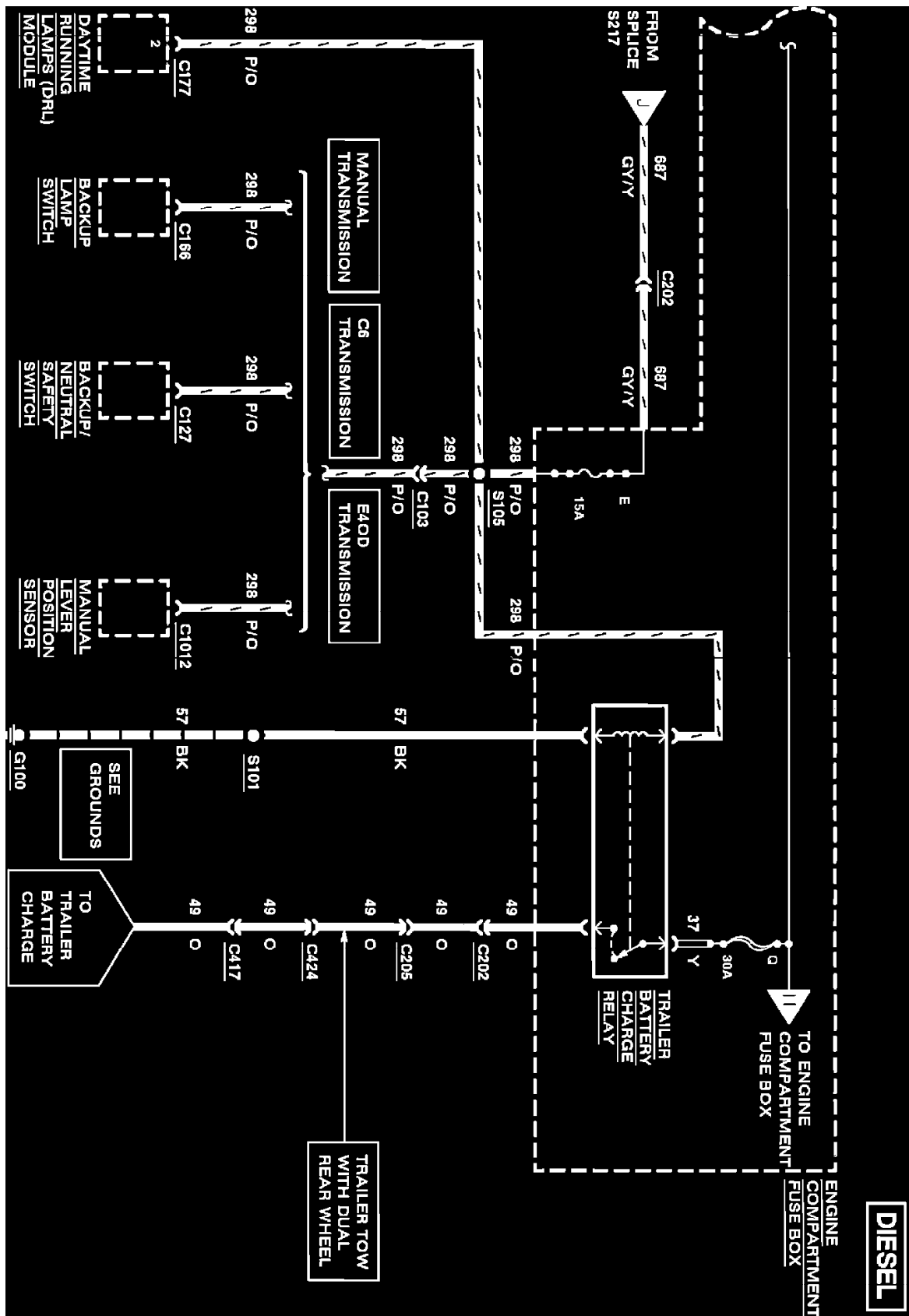
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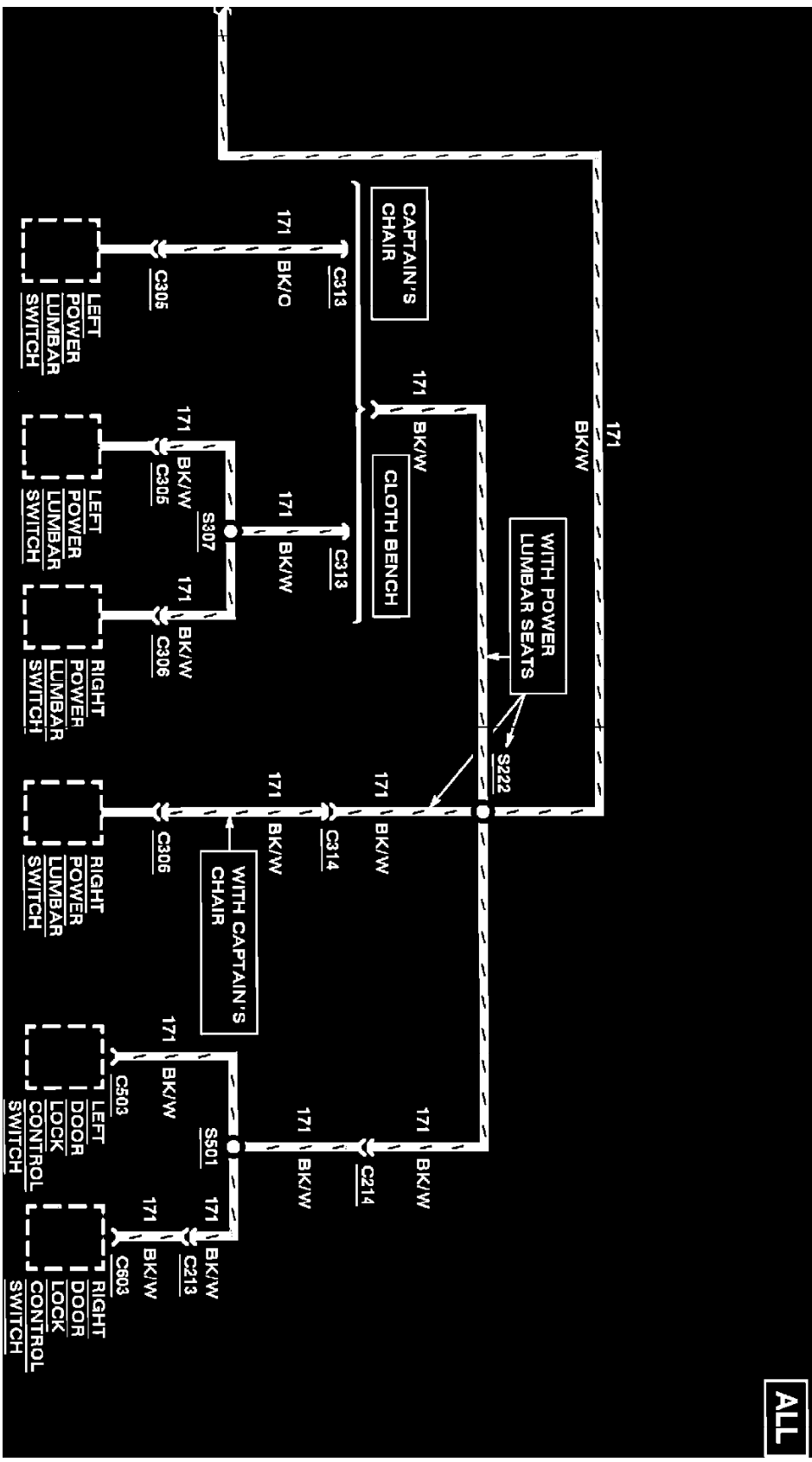
Power Distribution



Power Distribution

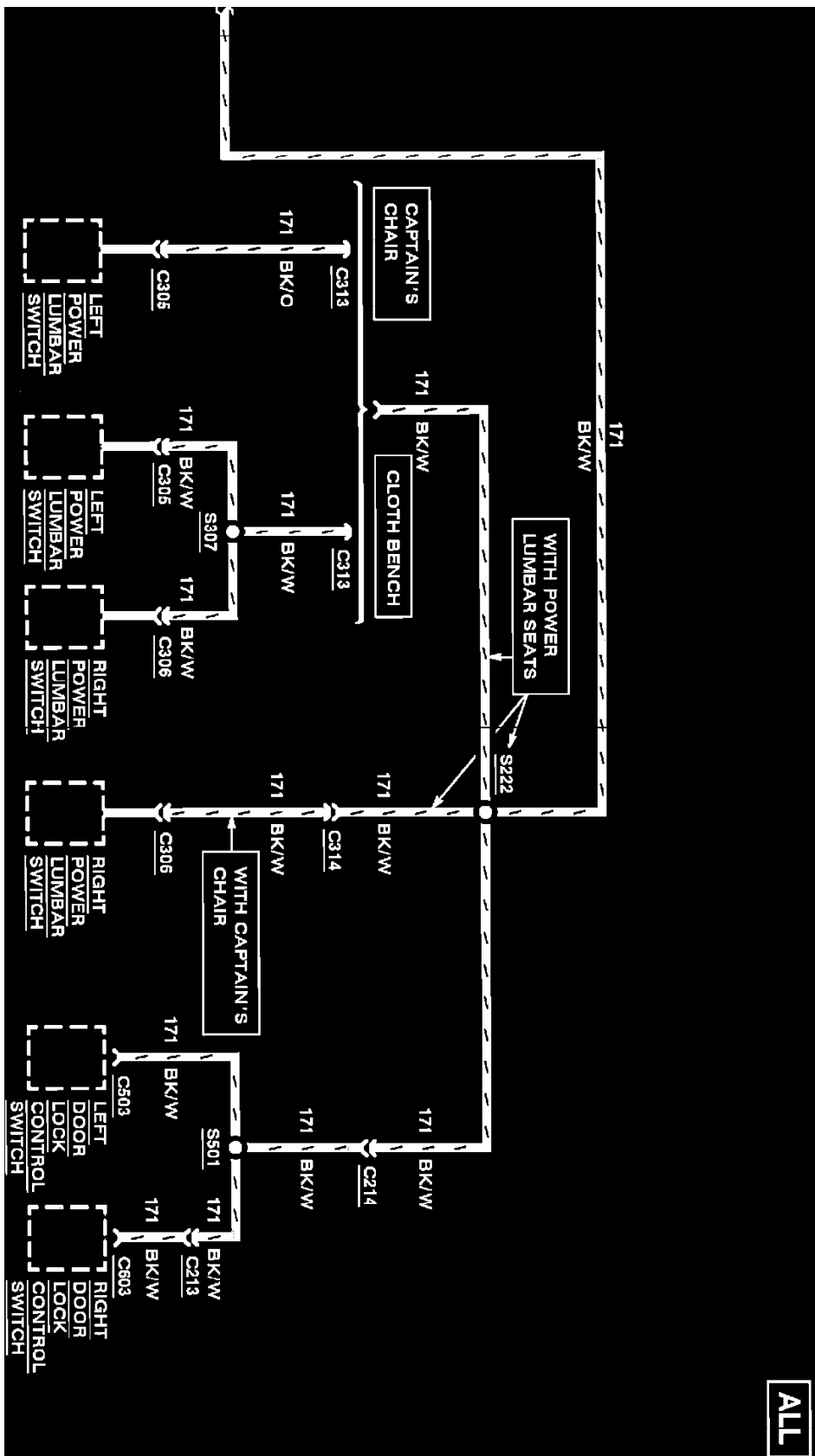


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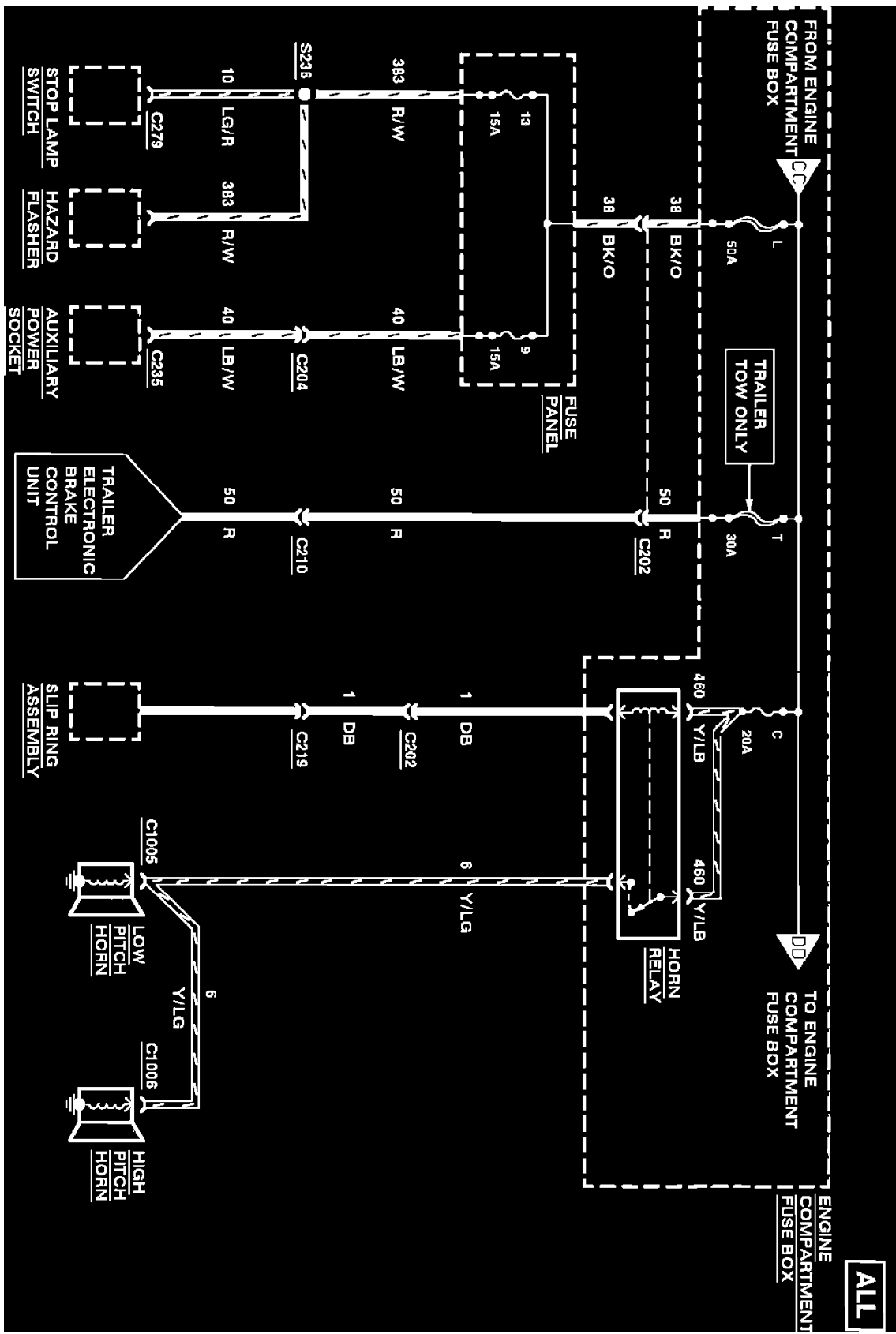


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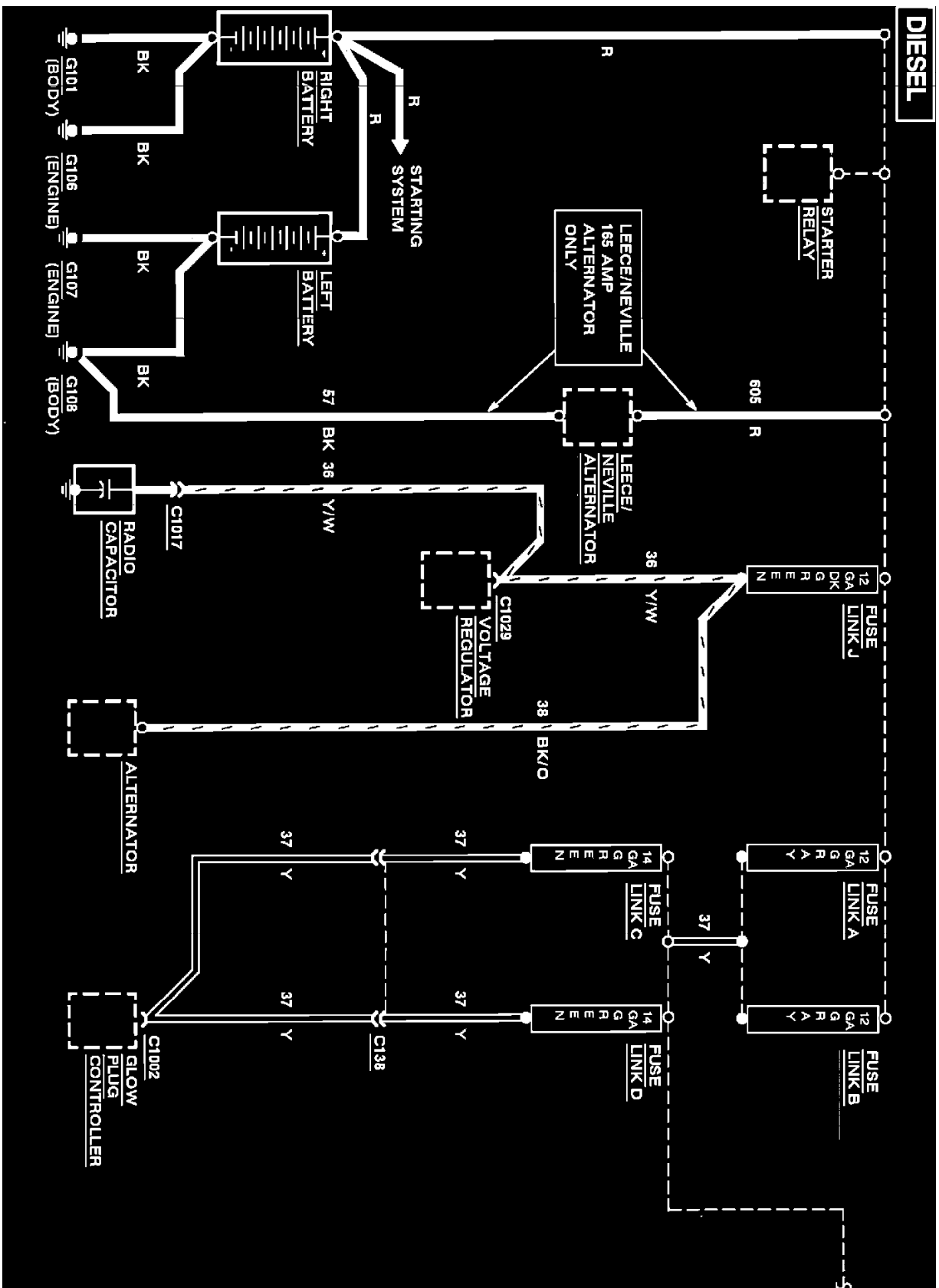
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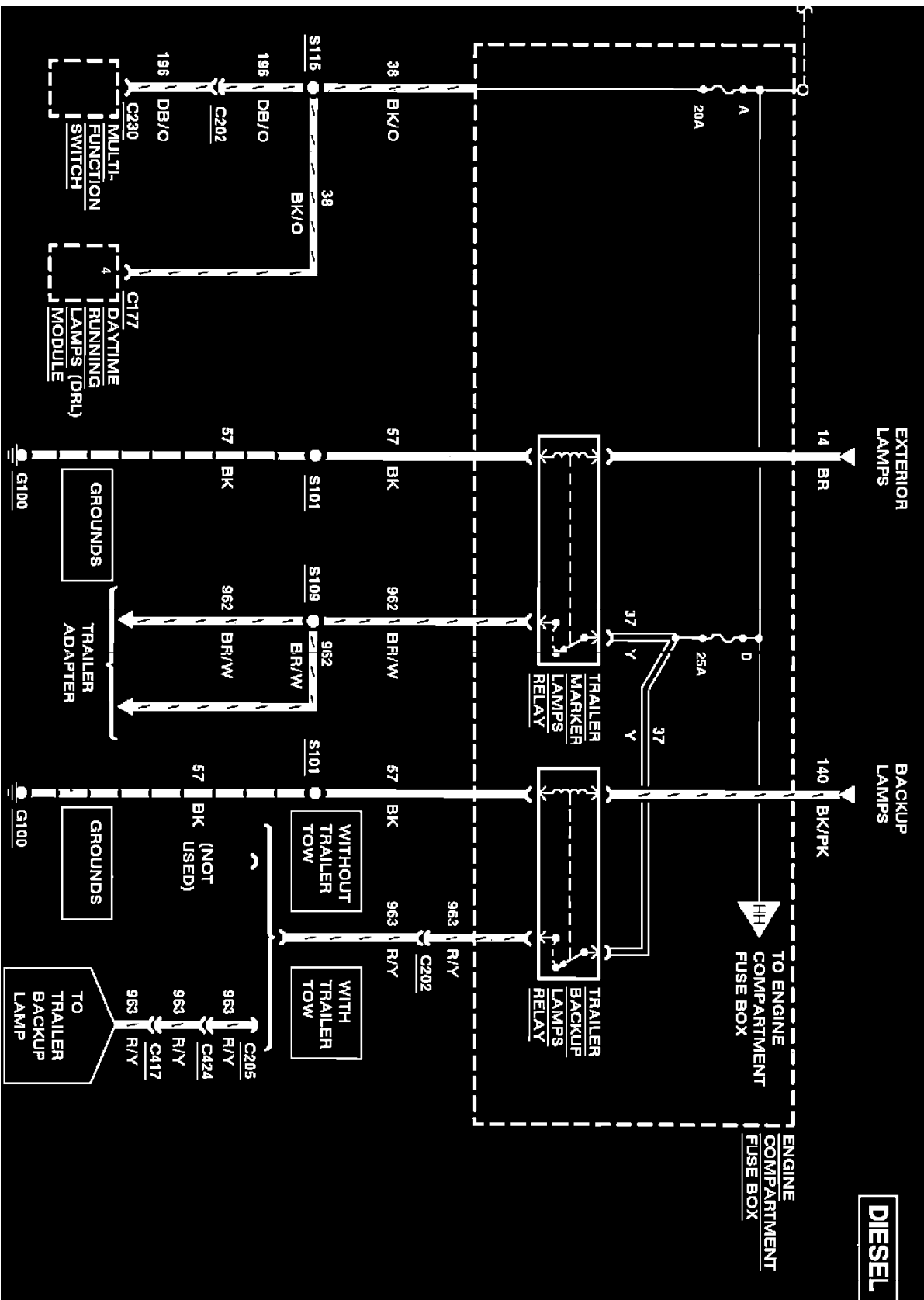
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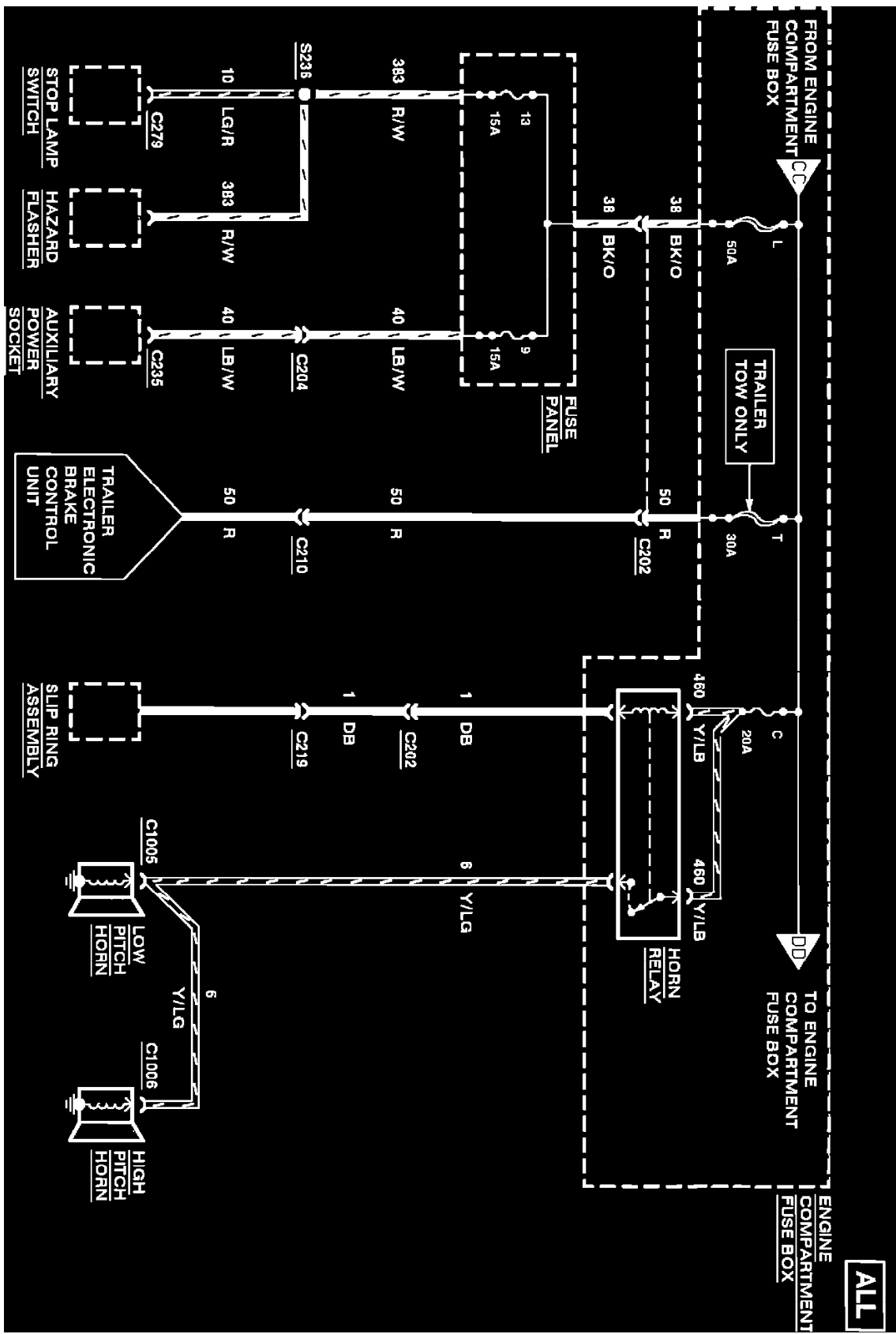
Power Distribution



Power Distribution

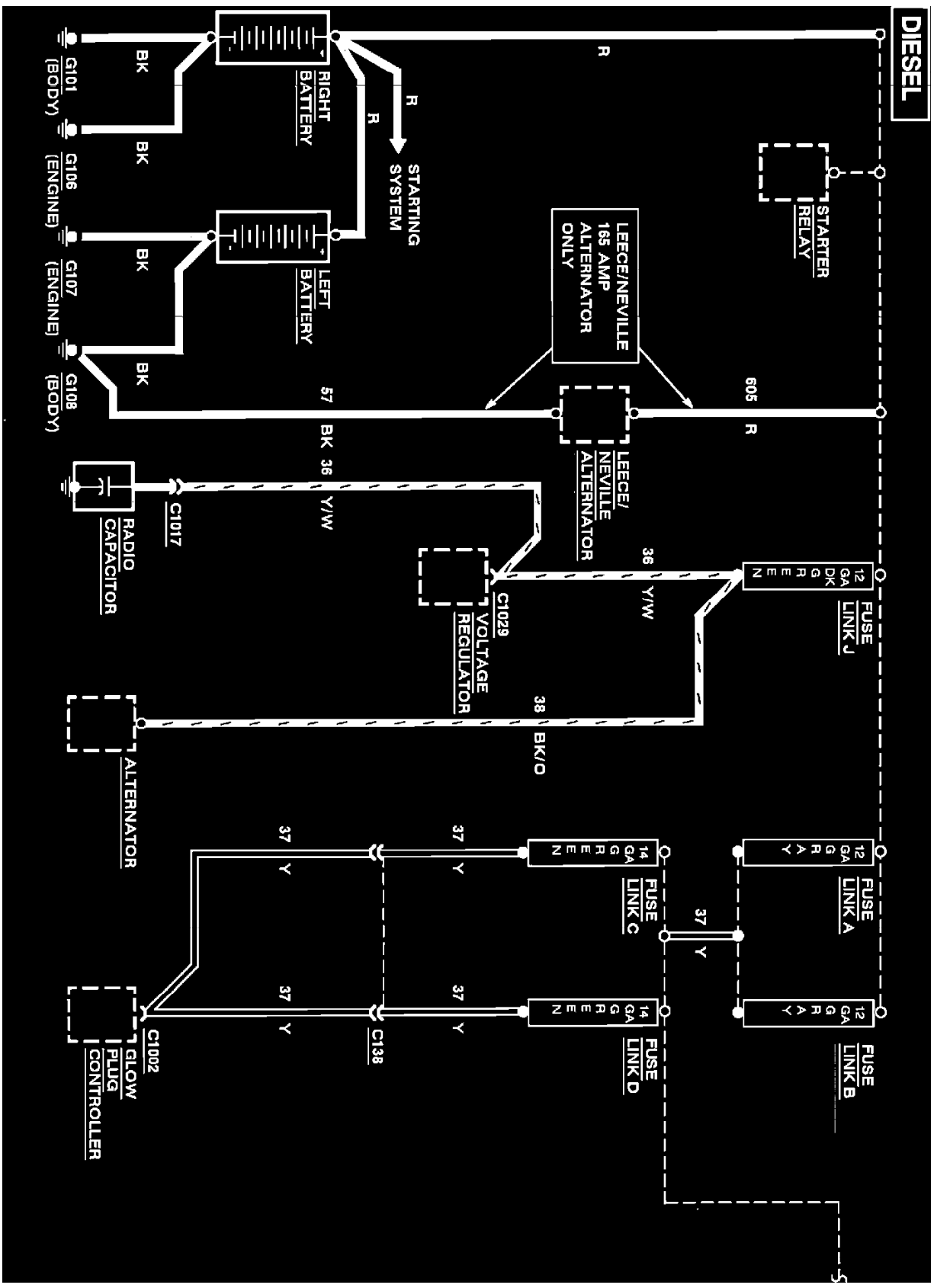


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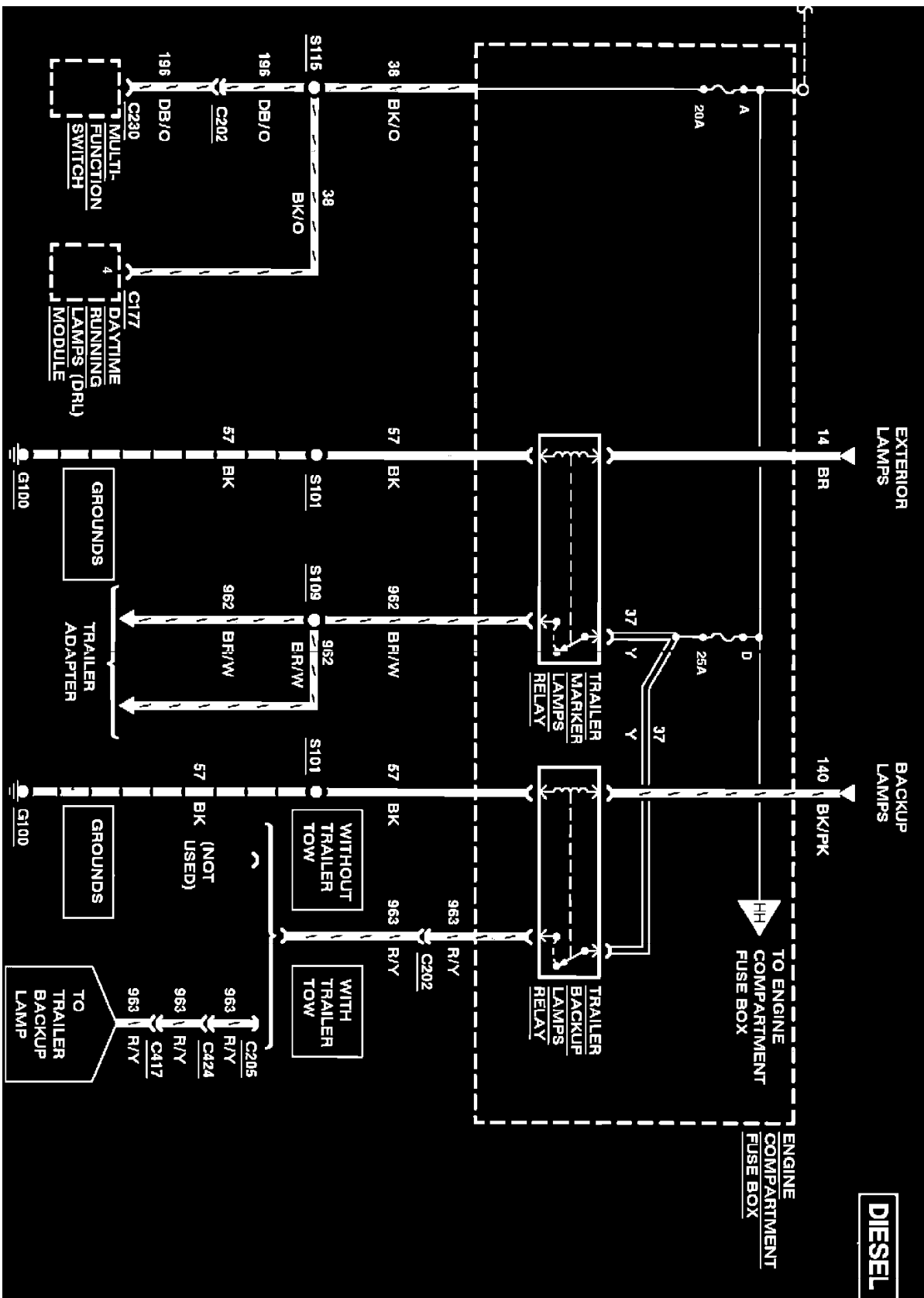


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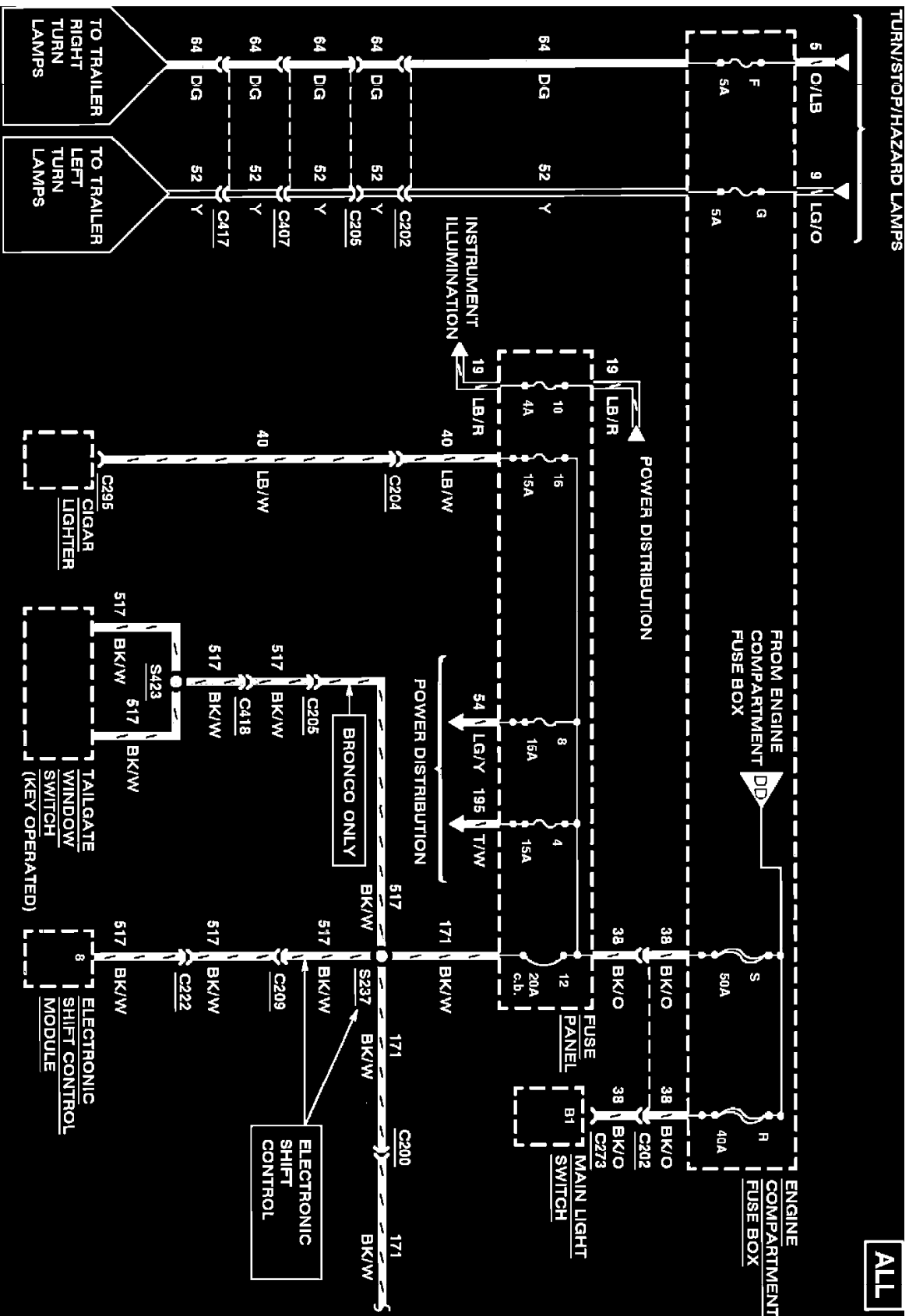
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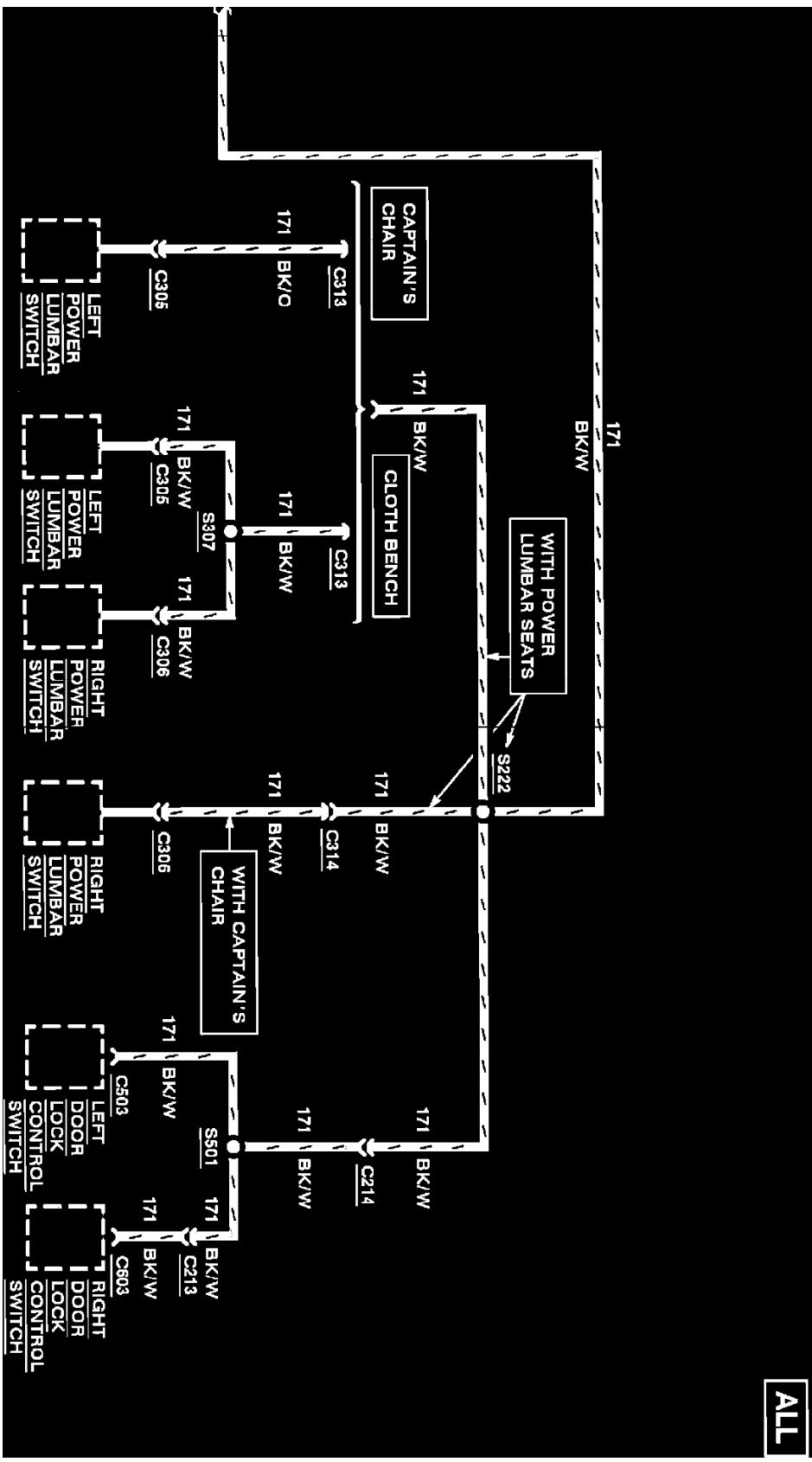
Power Distribution



Power Distribution

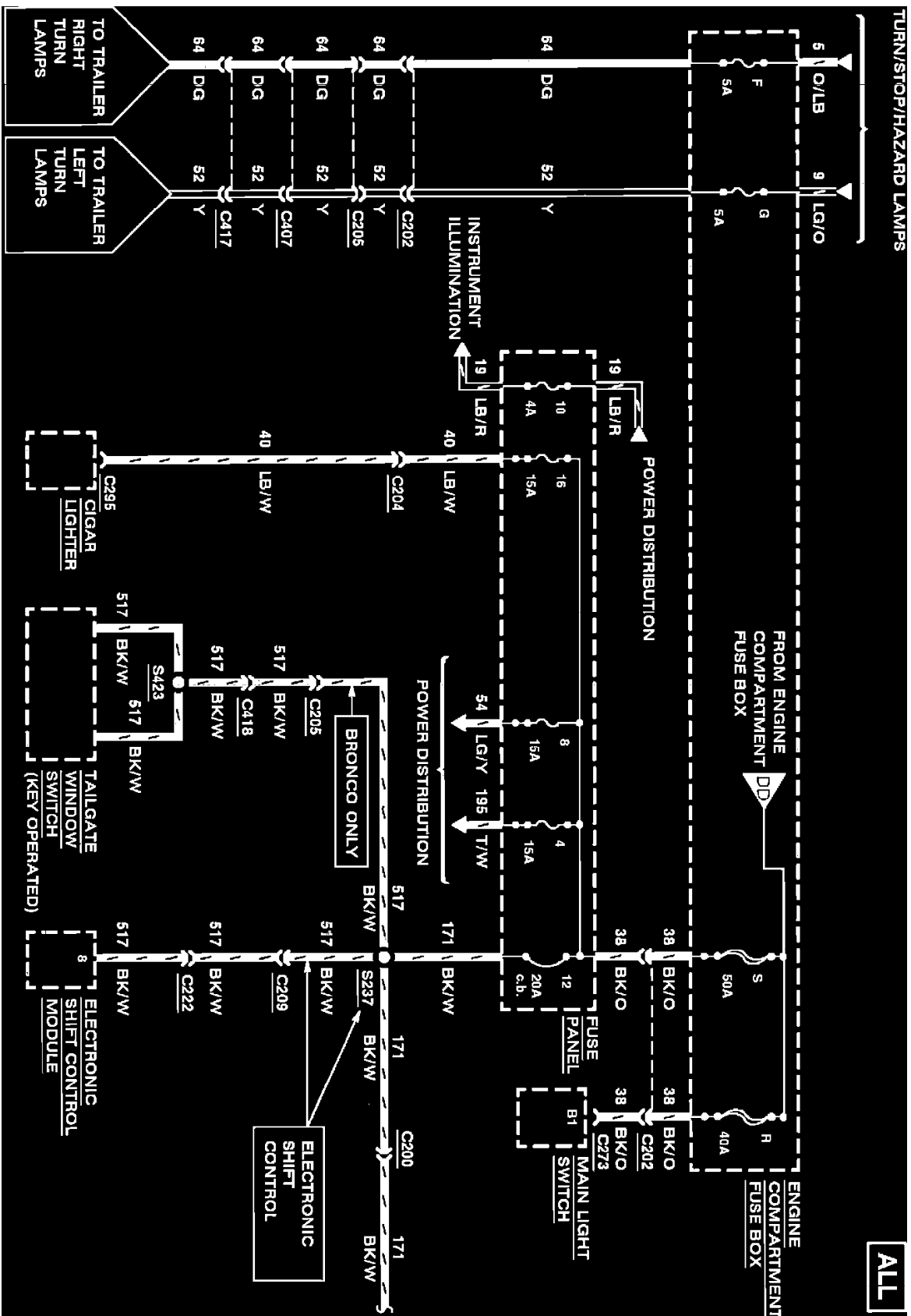


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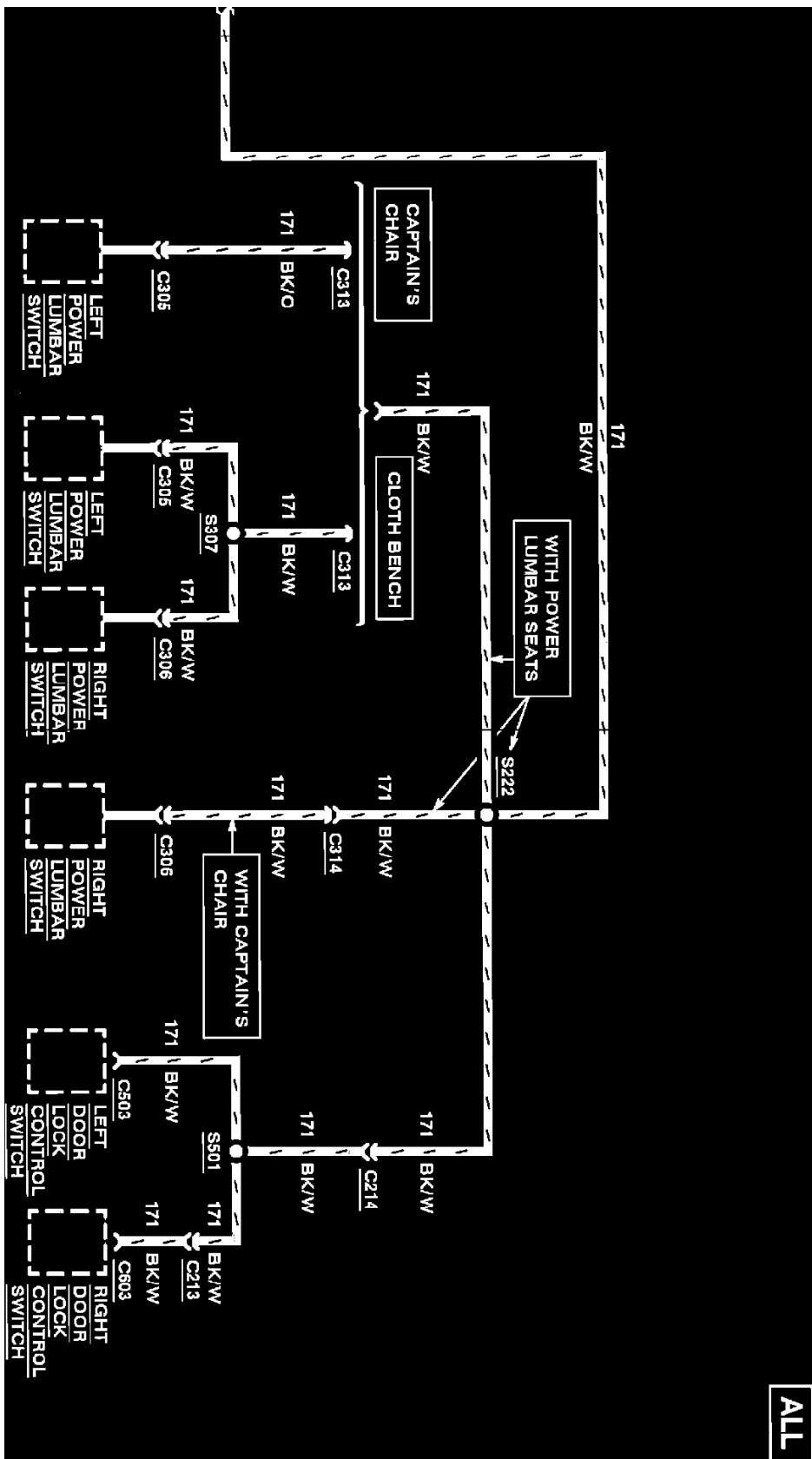


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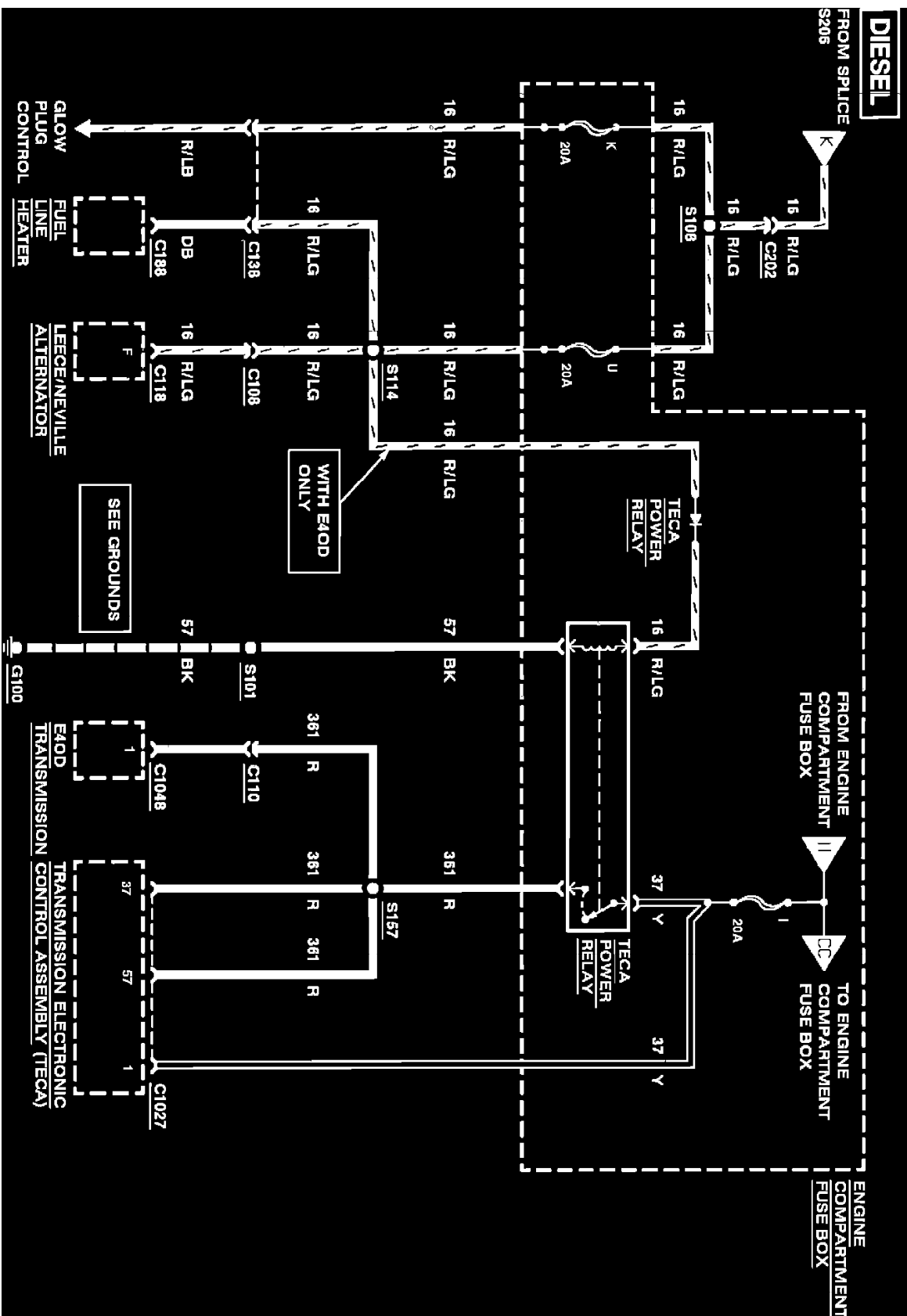


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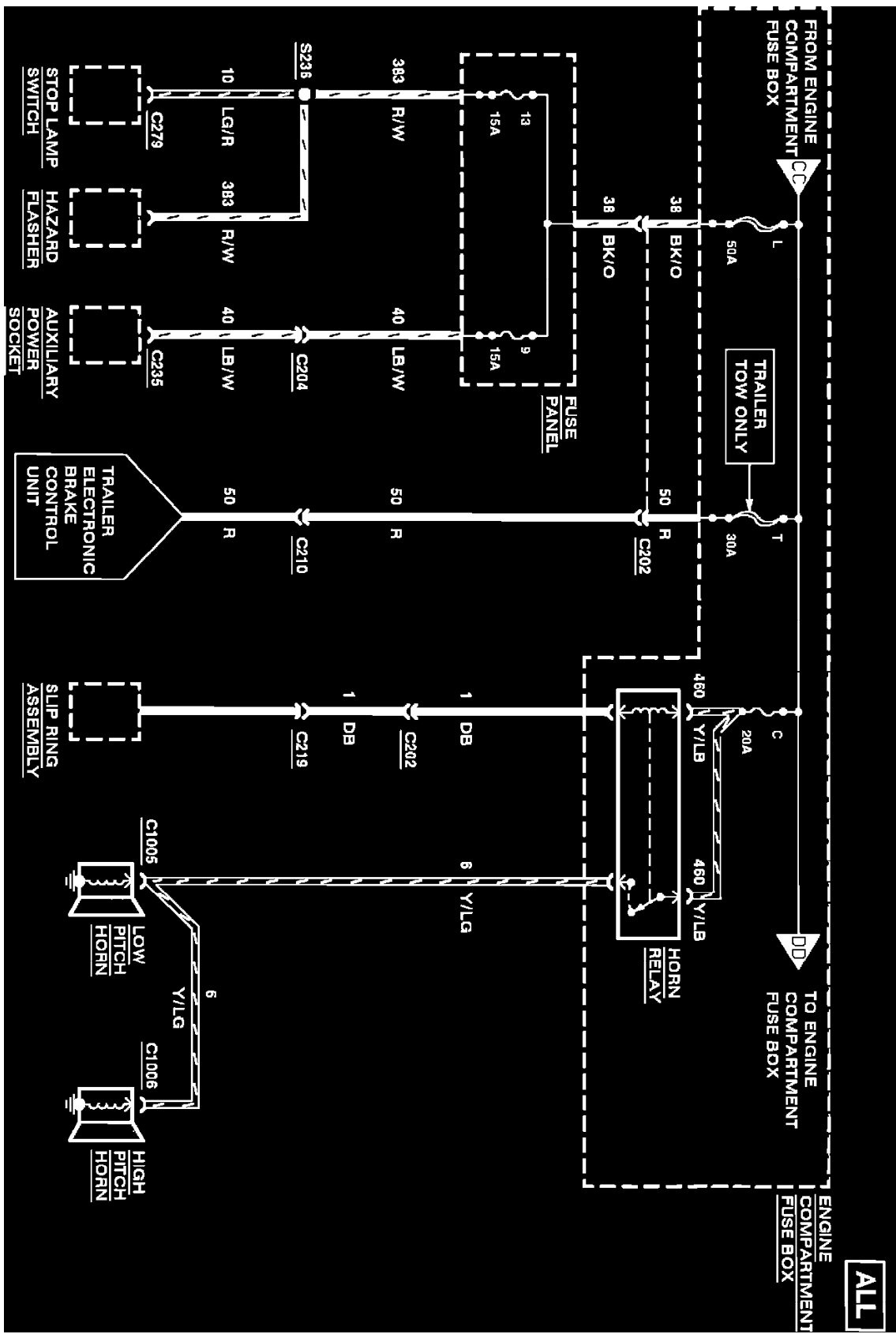


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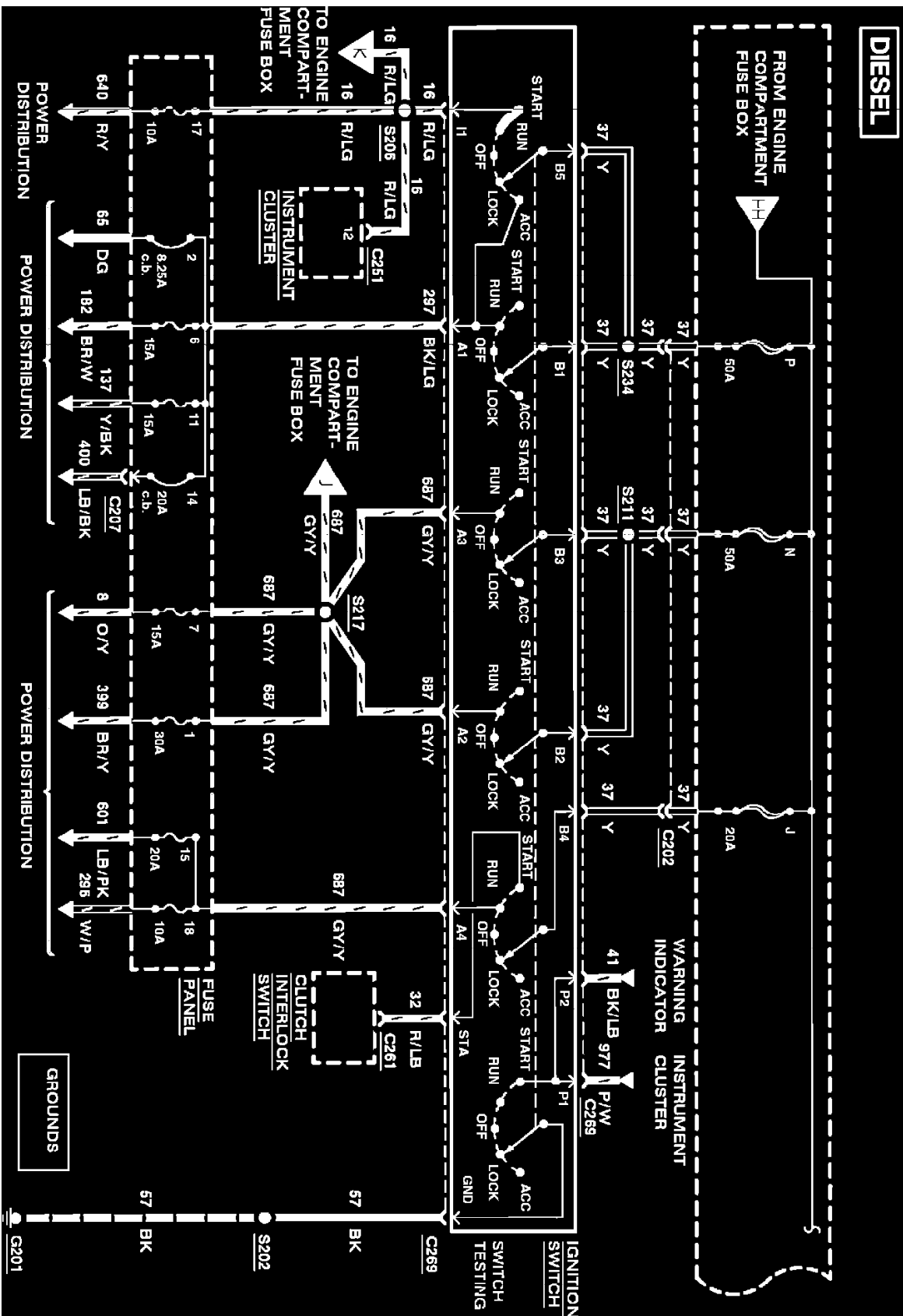
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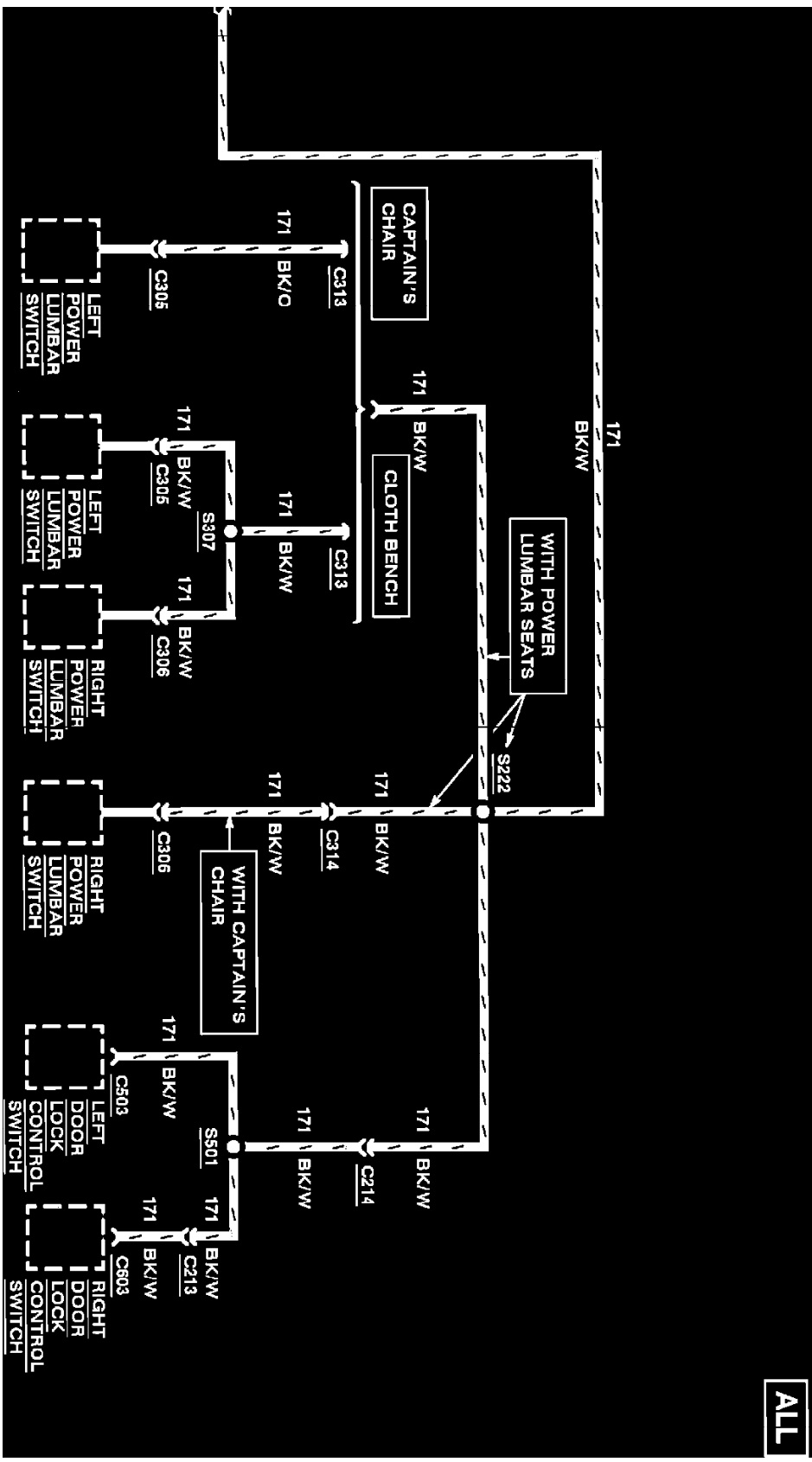
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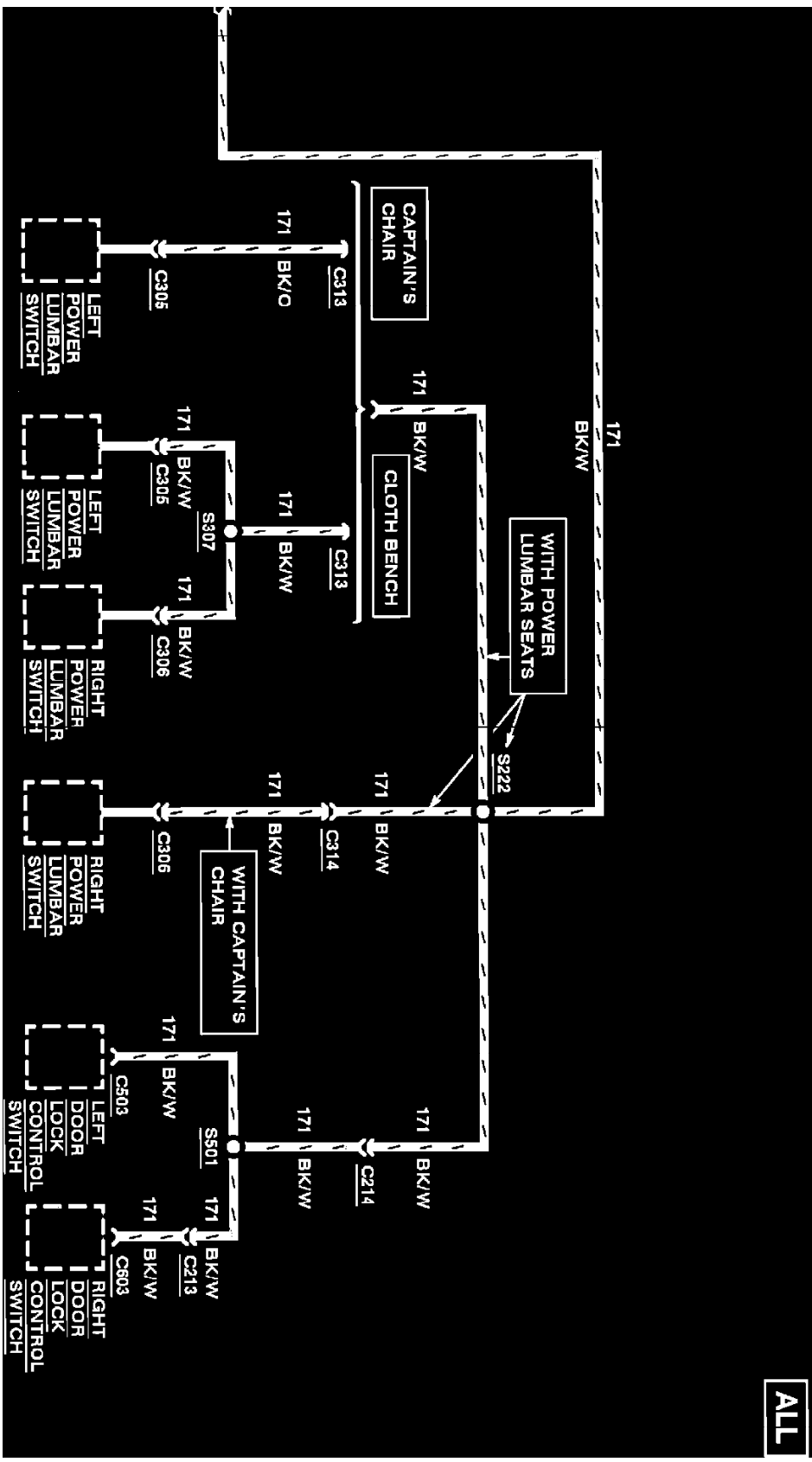


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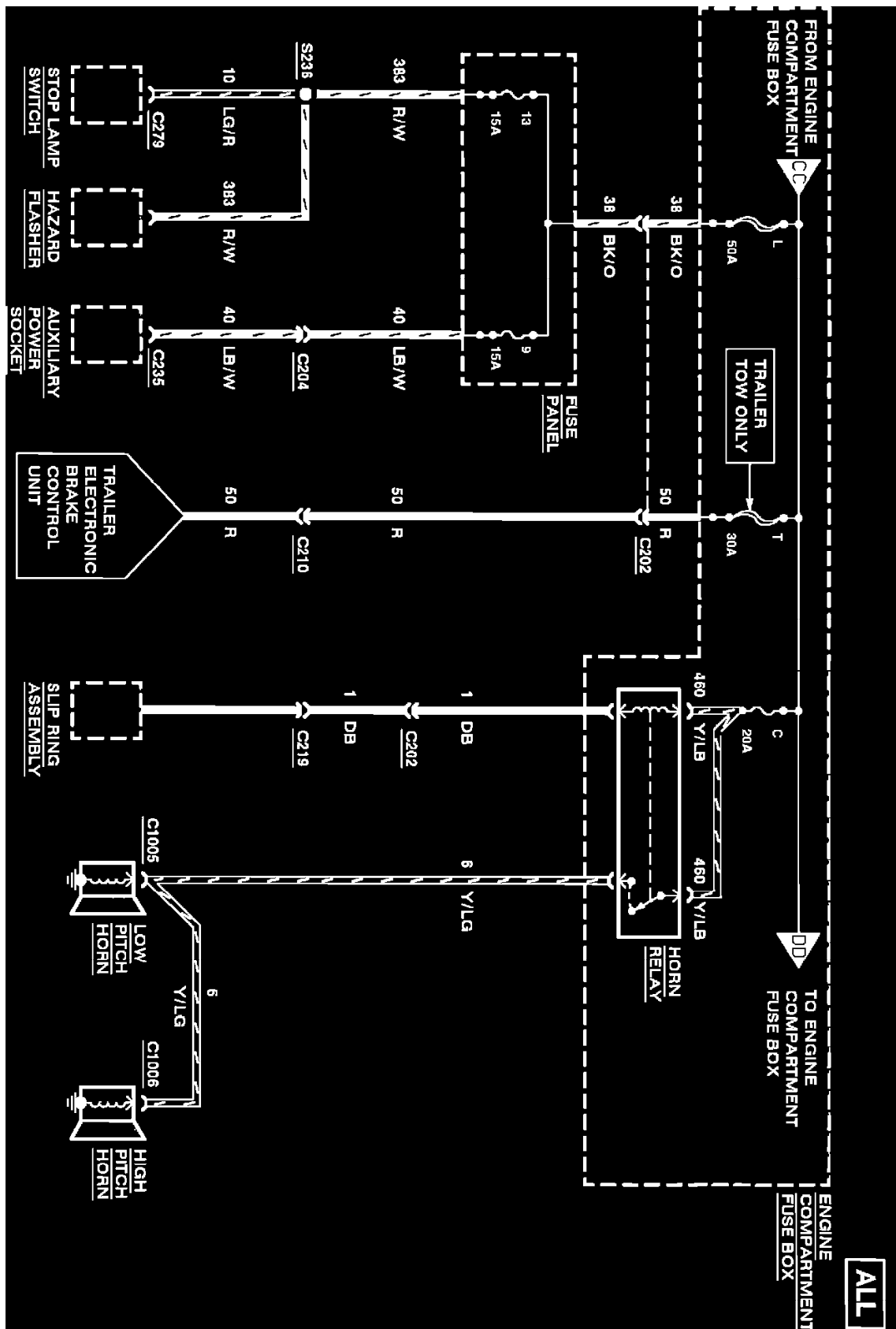
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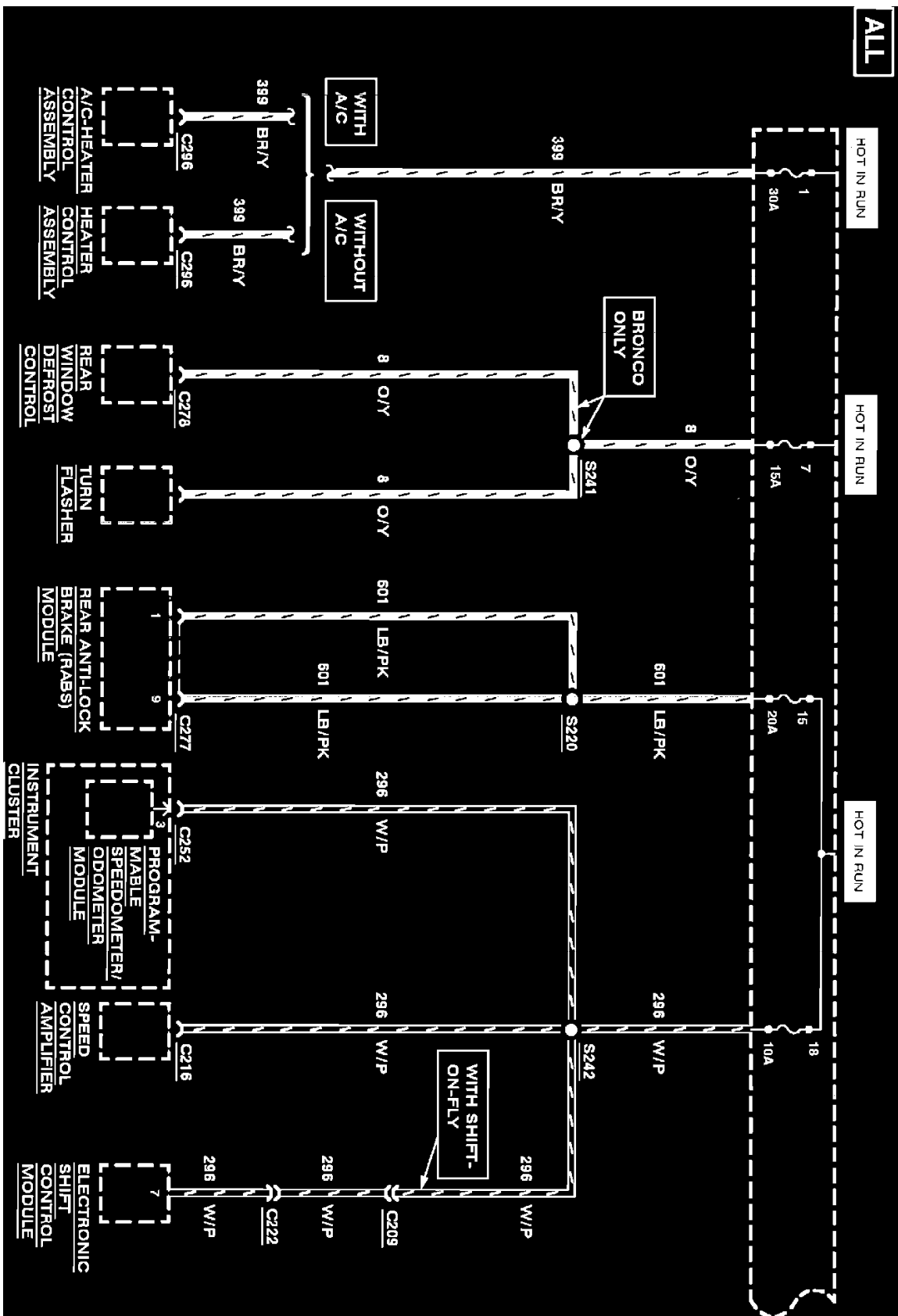


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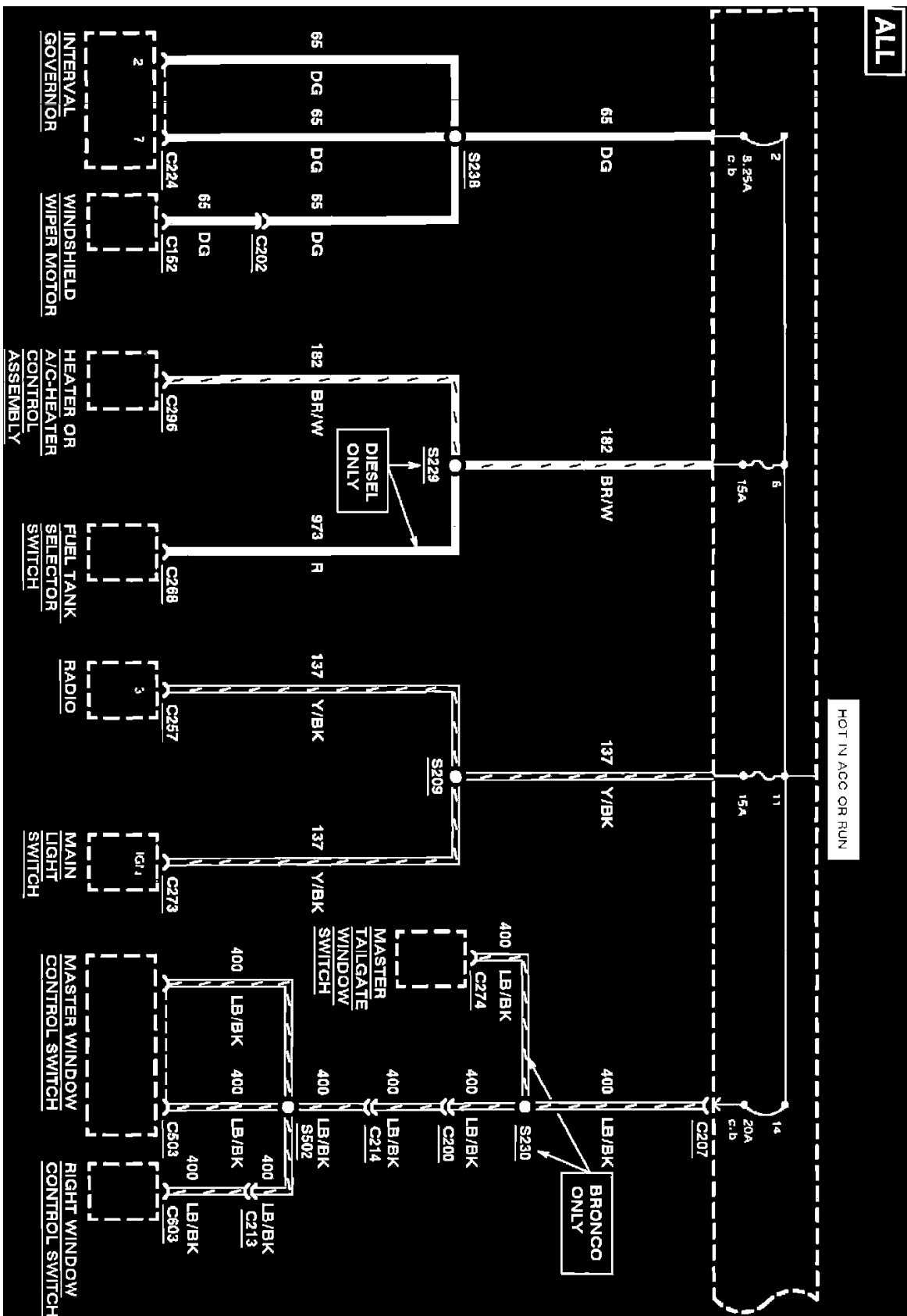
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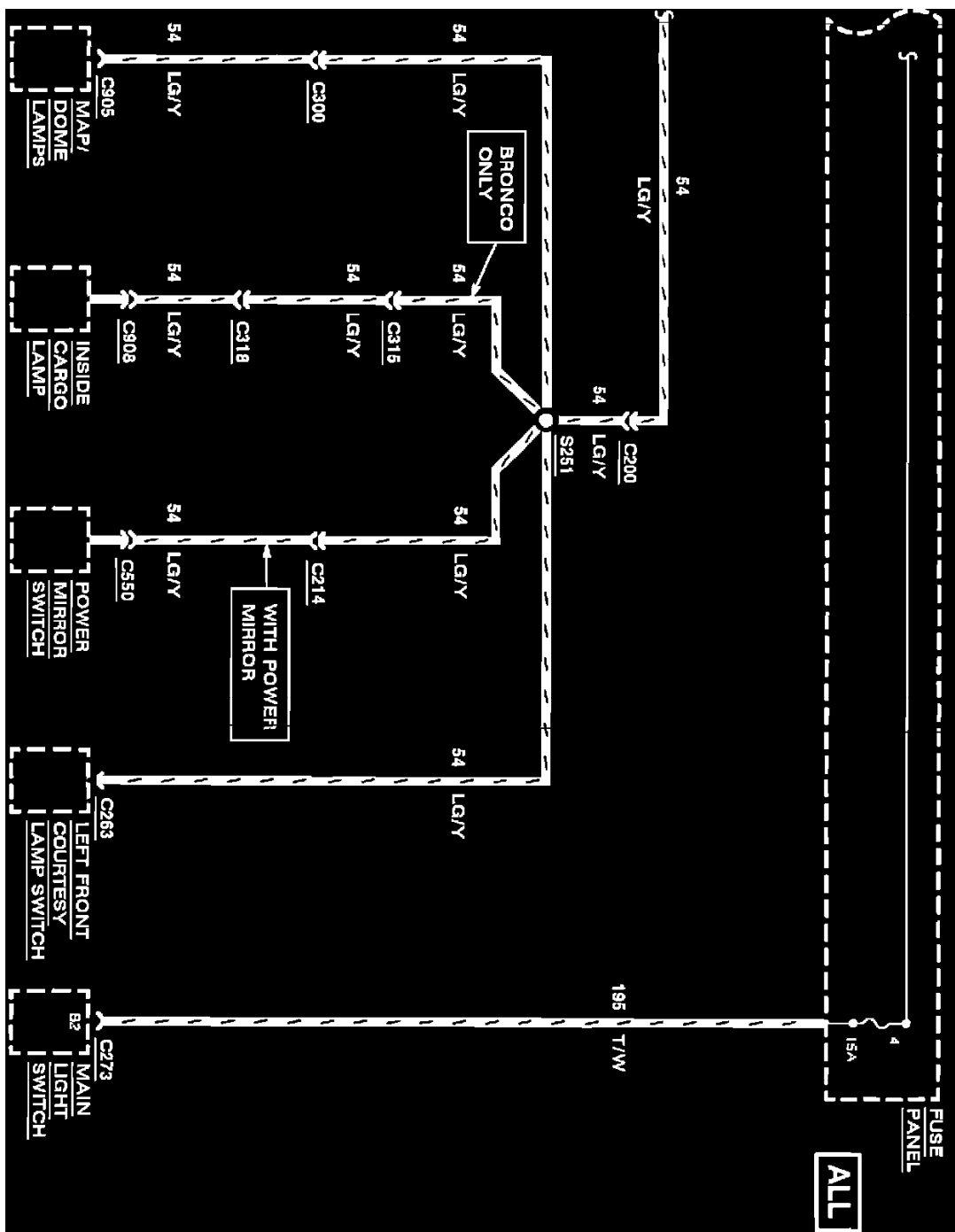
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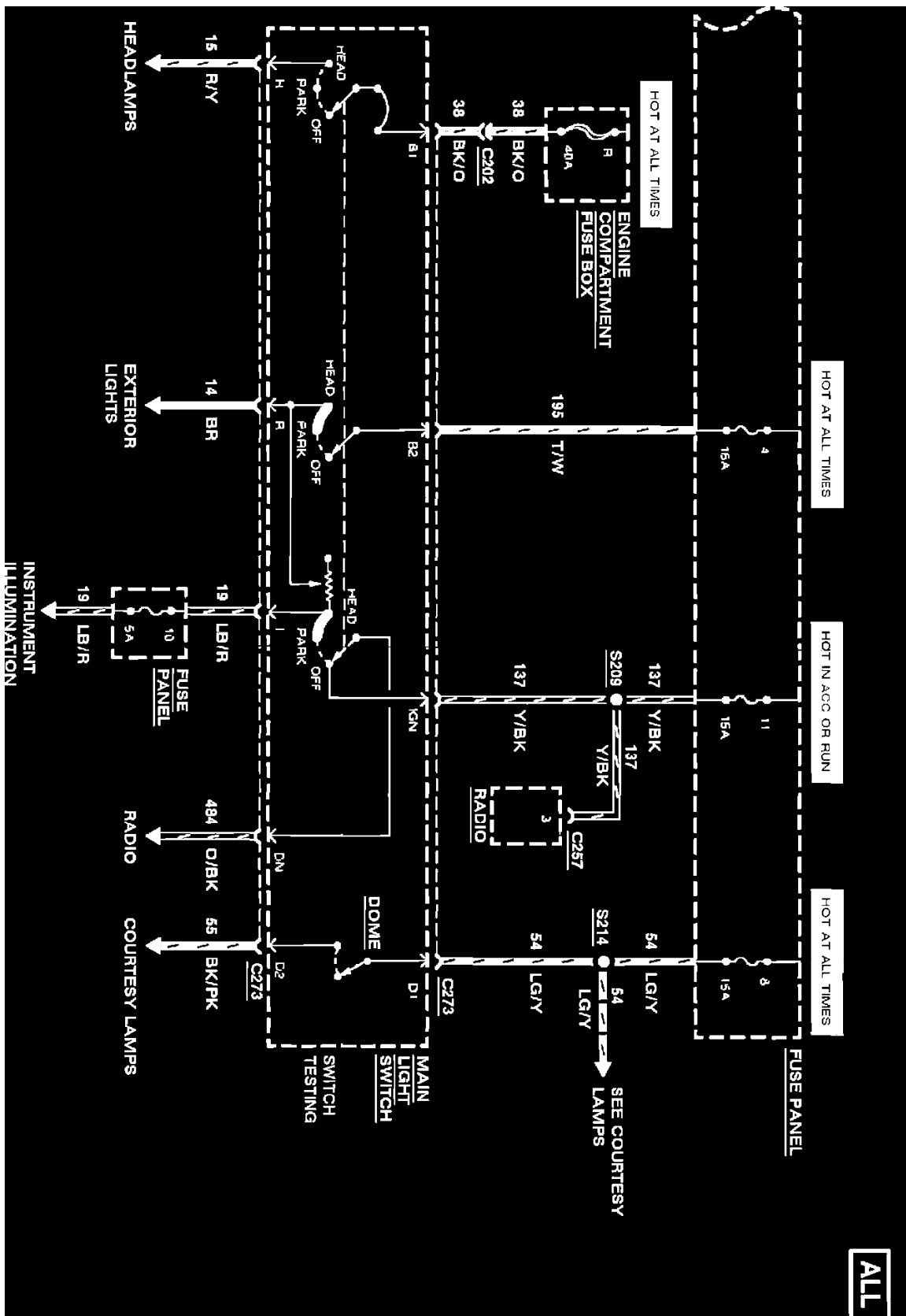
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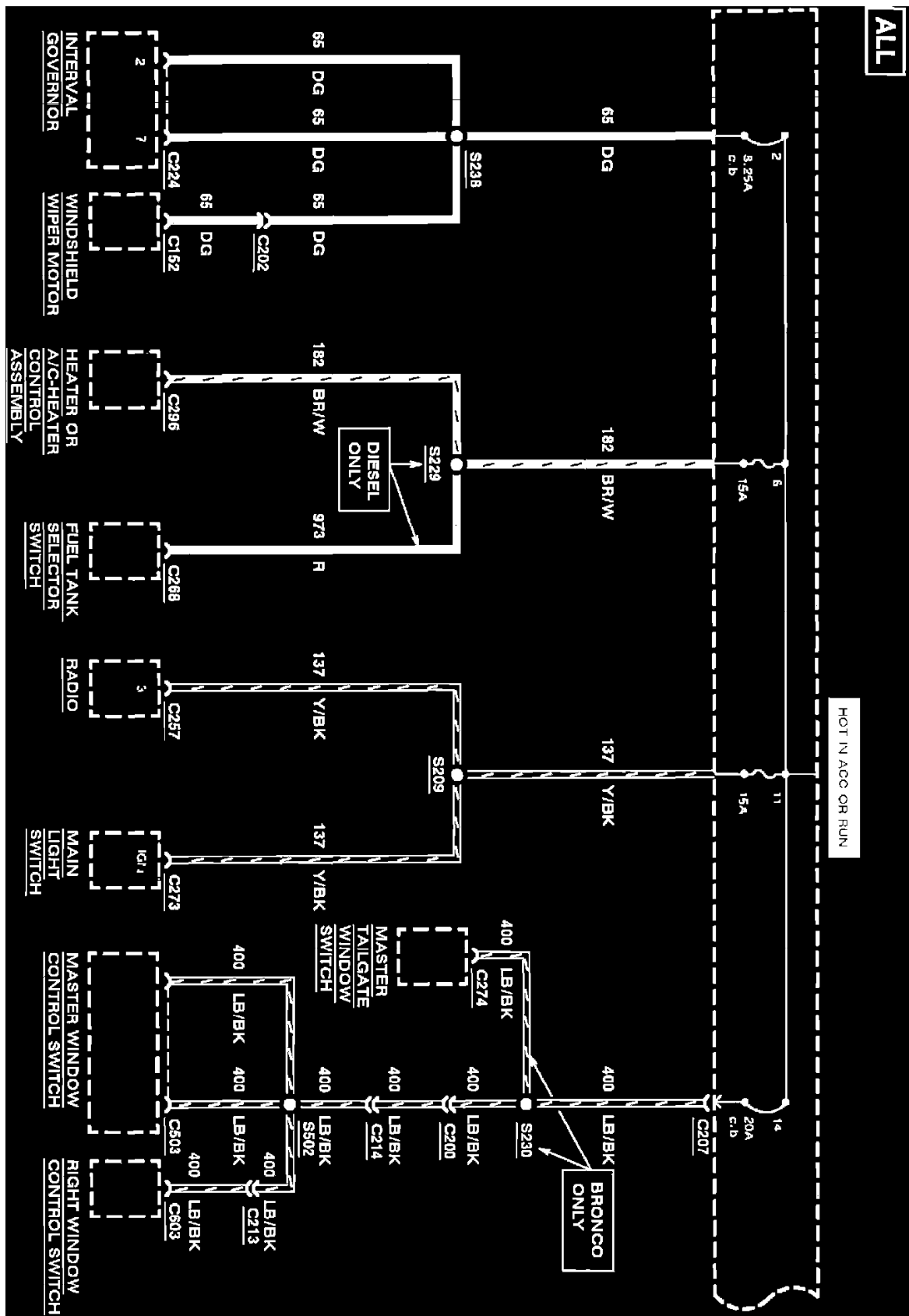
Power Distribution



Power Distribution



Power Distribution

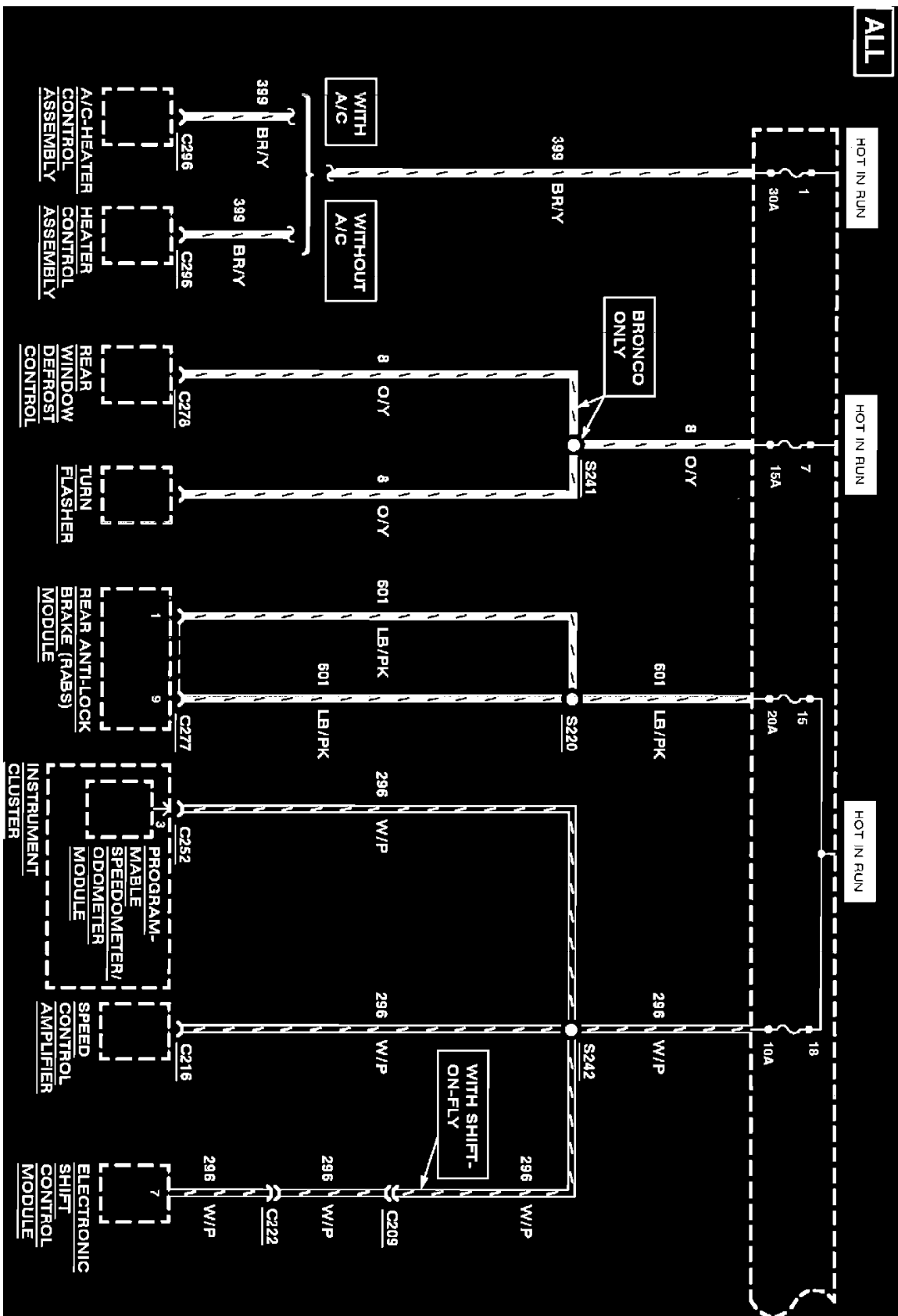


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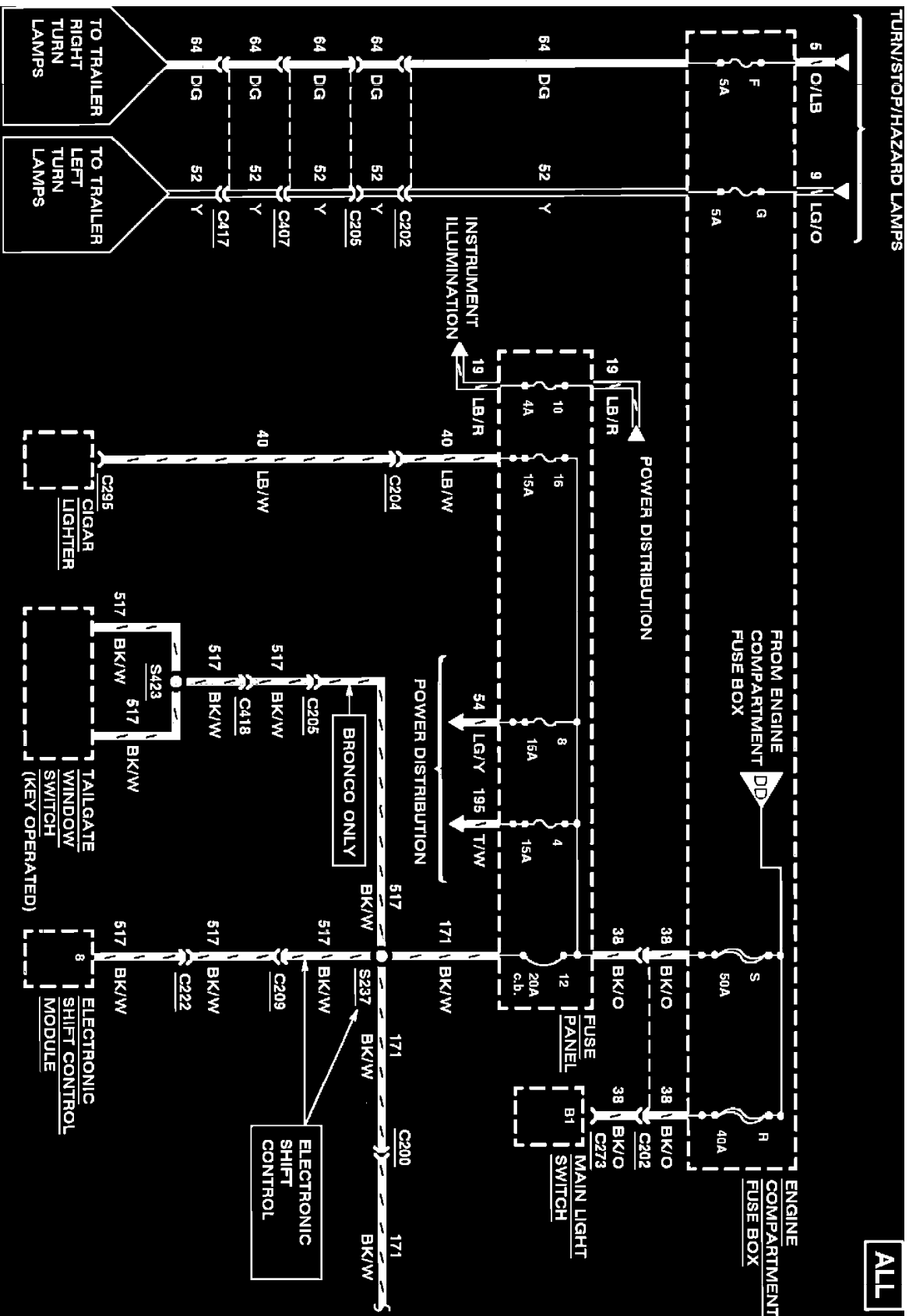
HOT IN ACC OR RUN

BRONCO ONLY

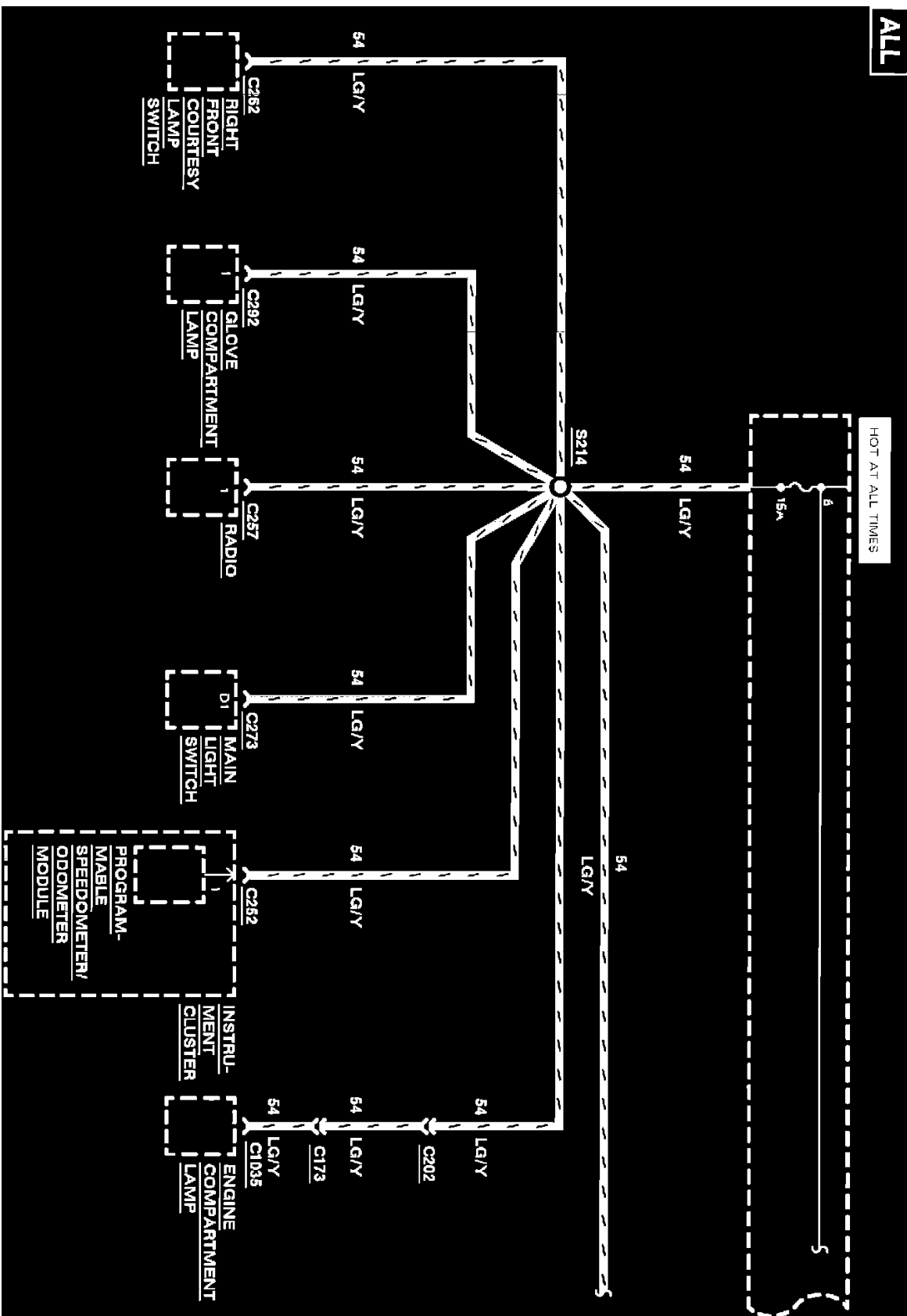
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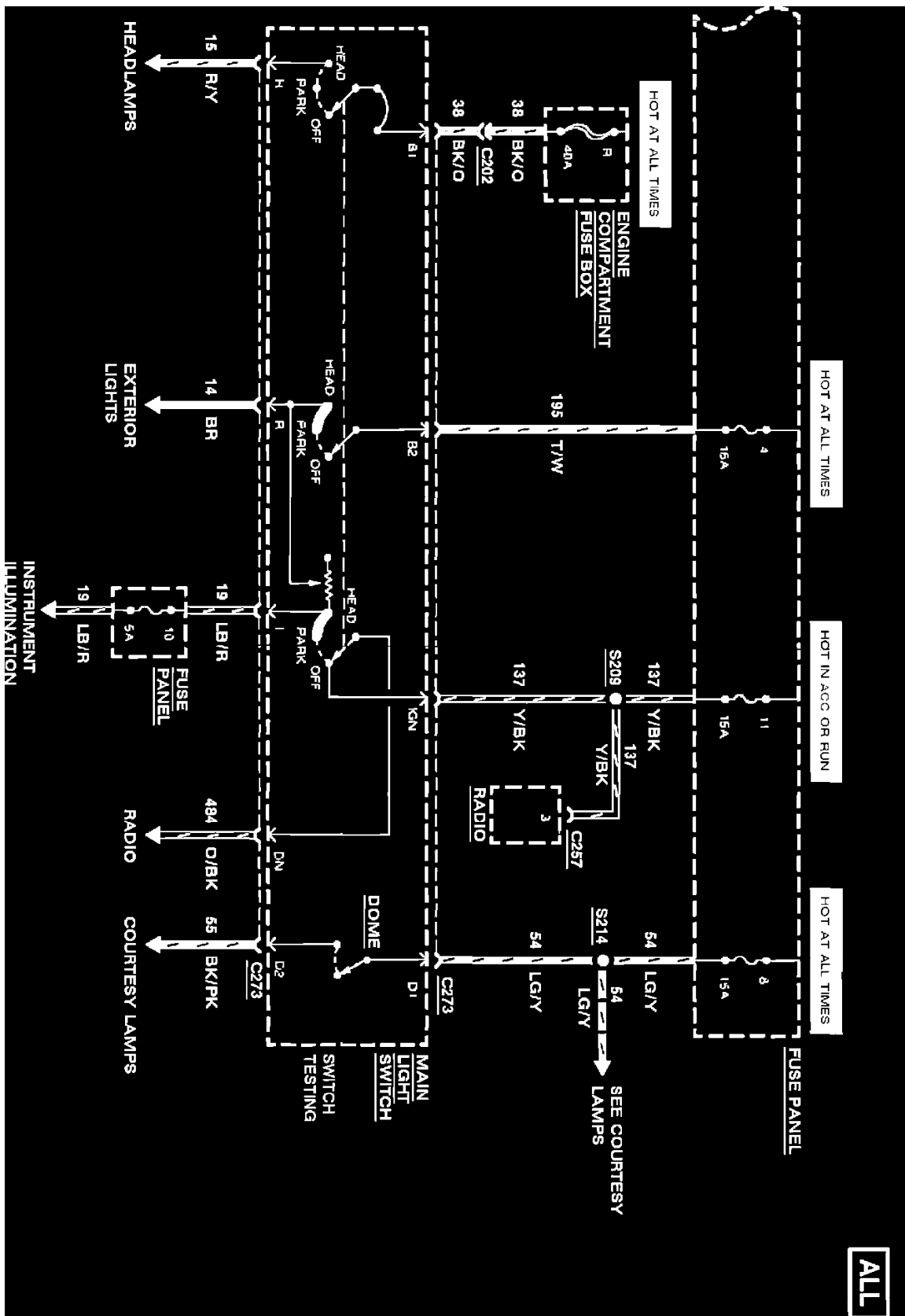
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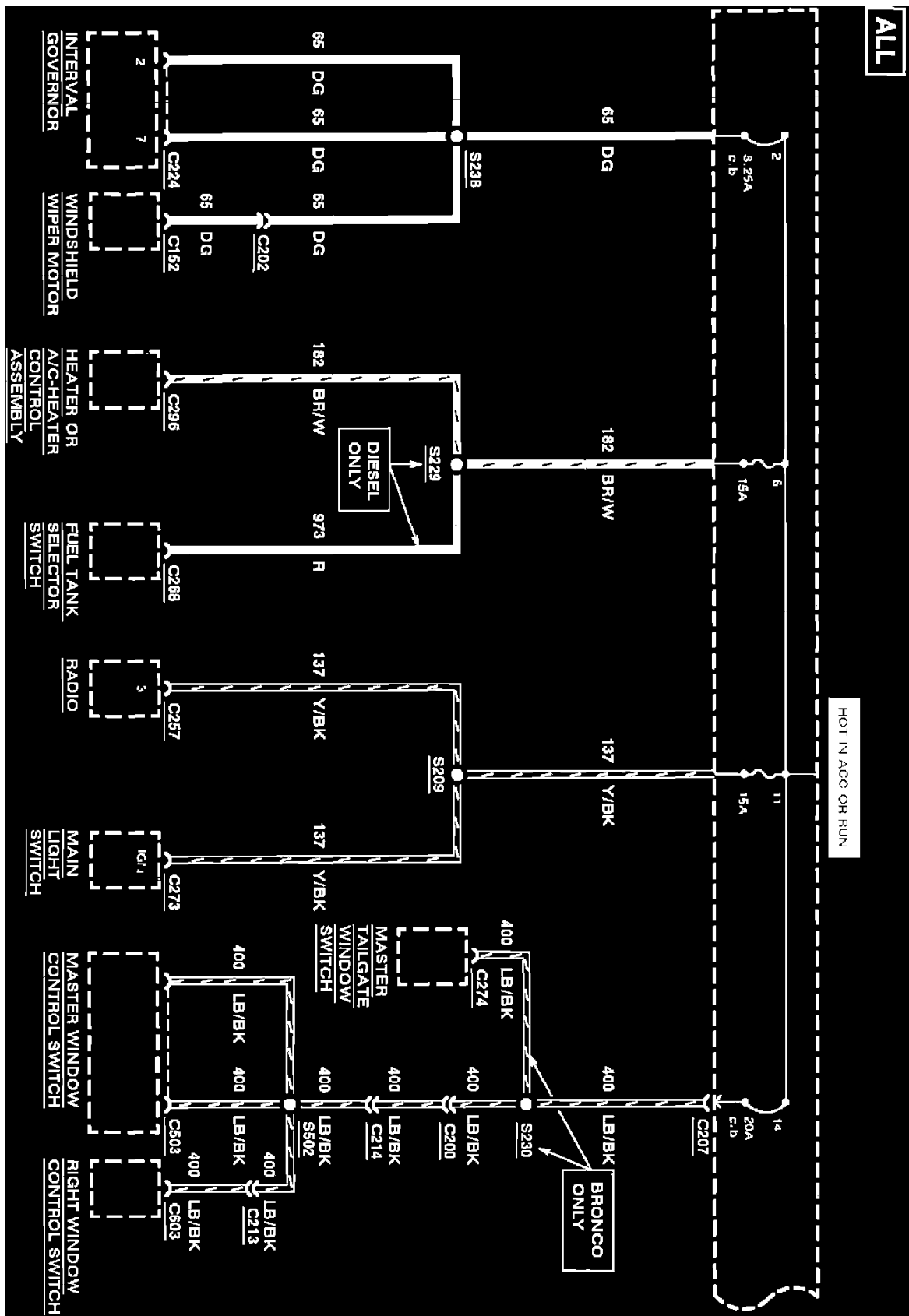
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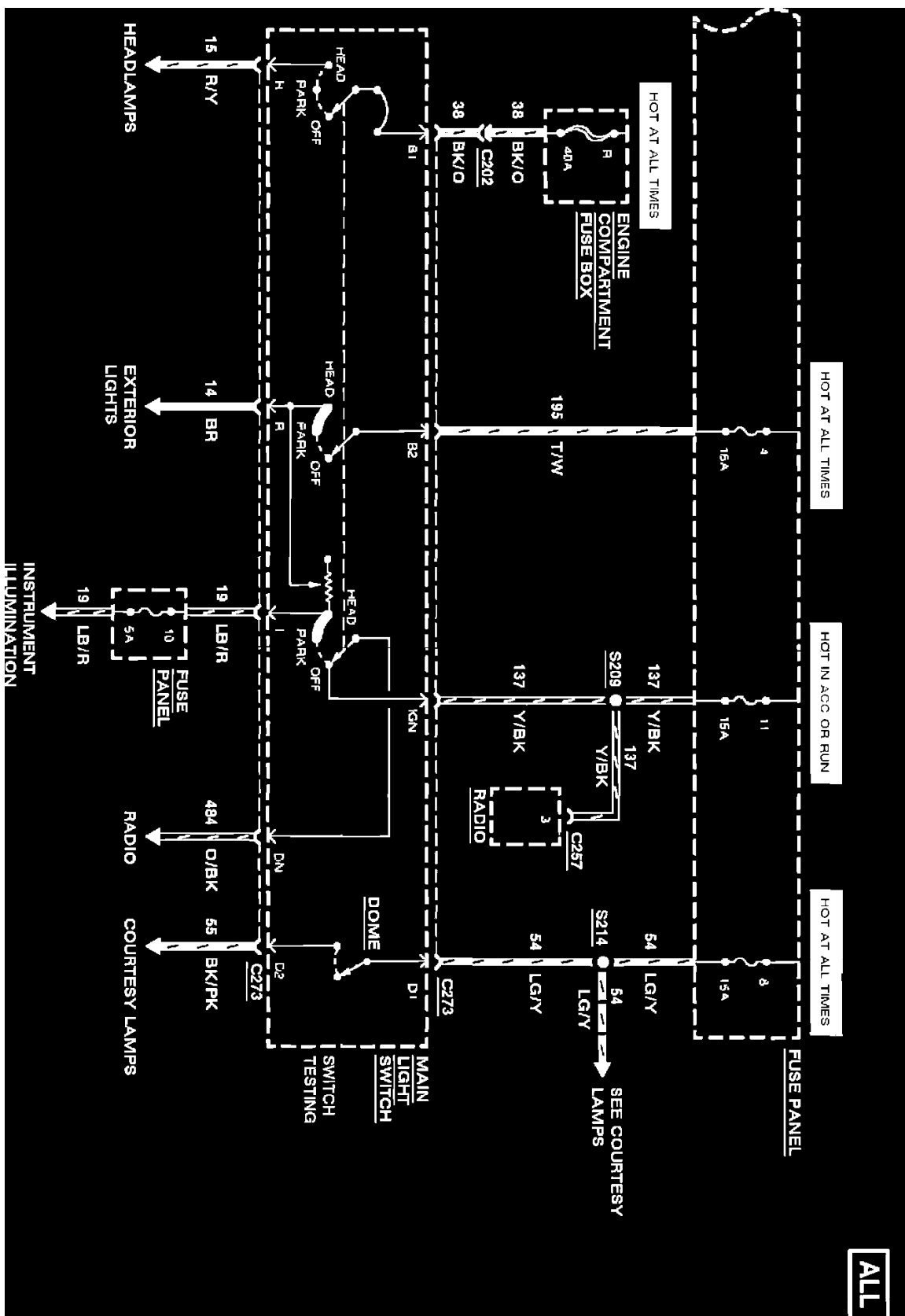
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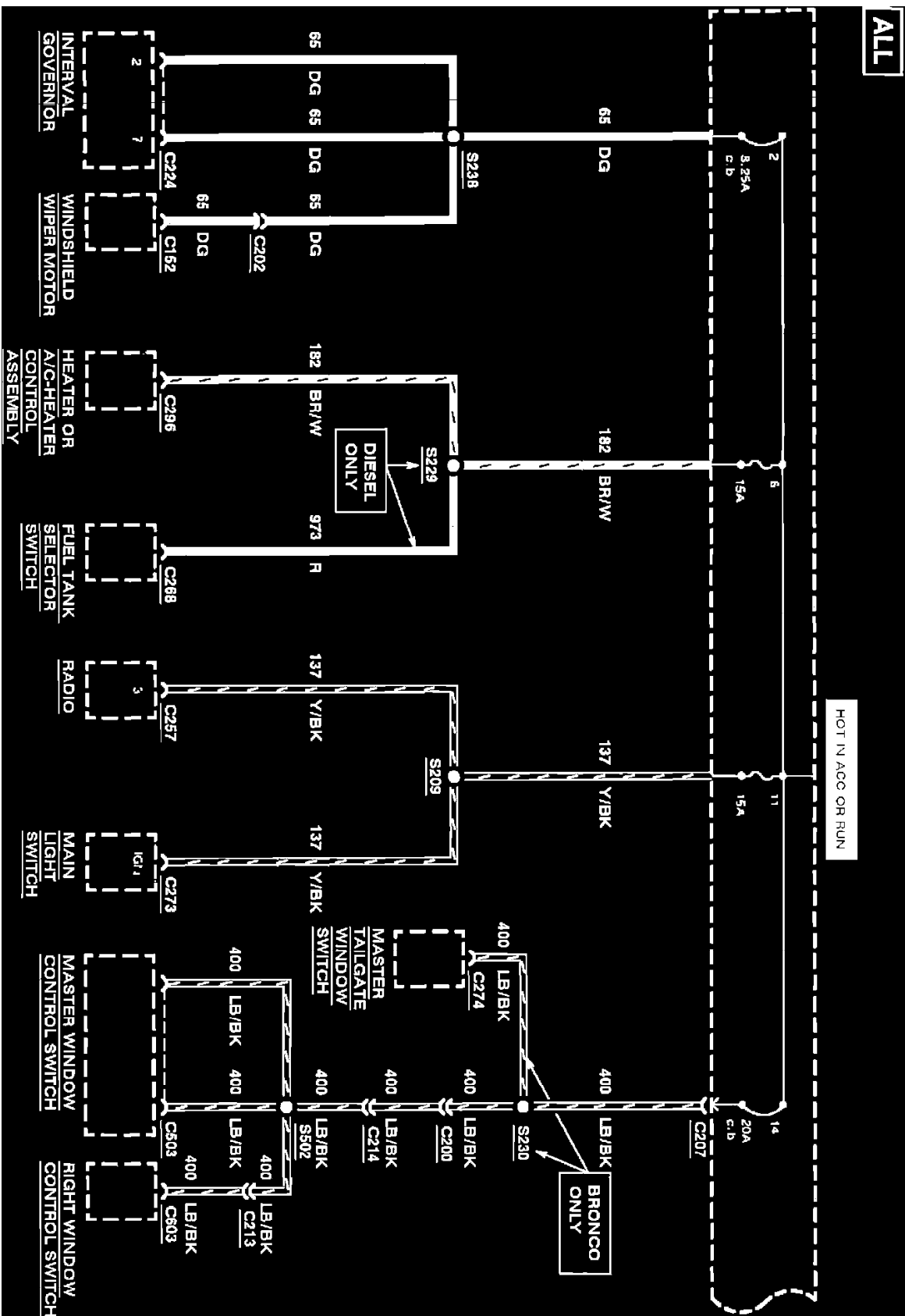
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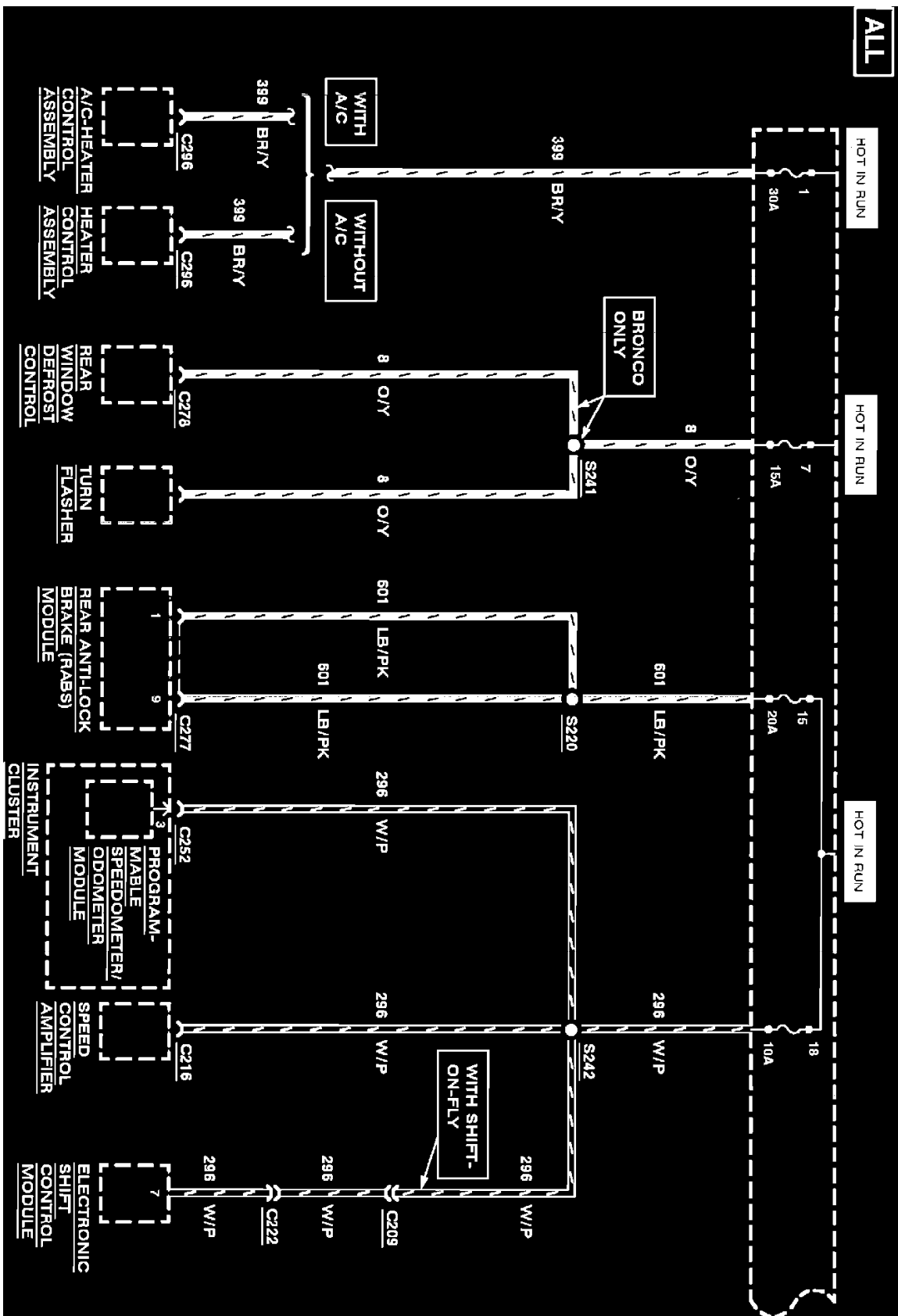
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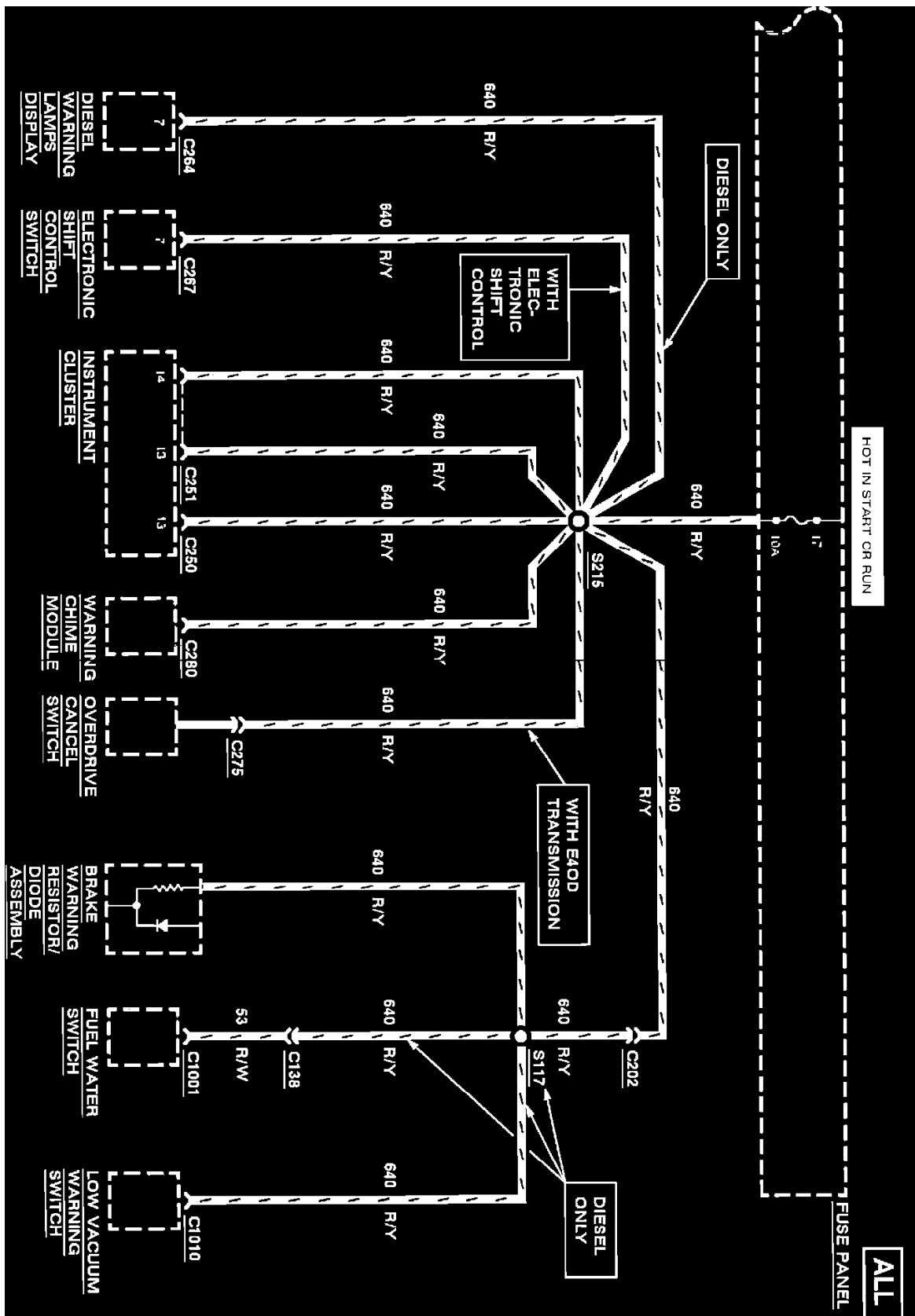
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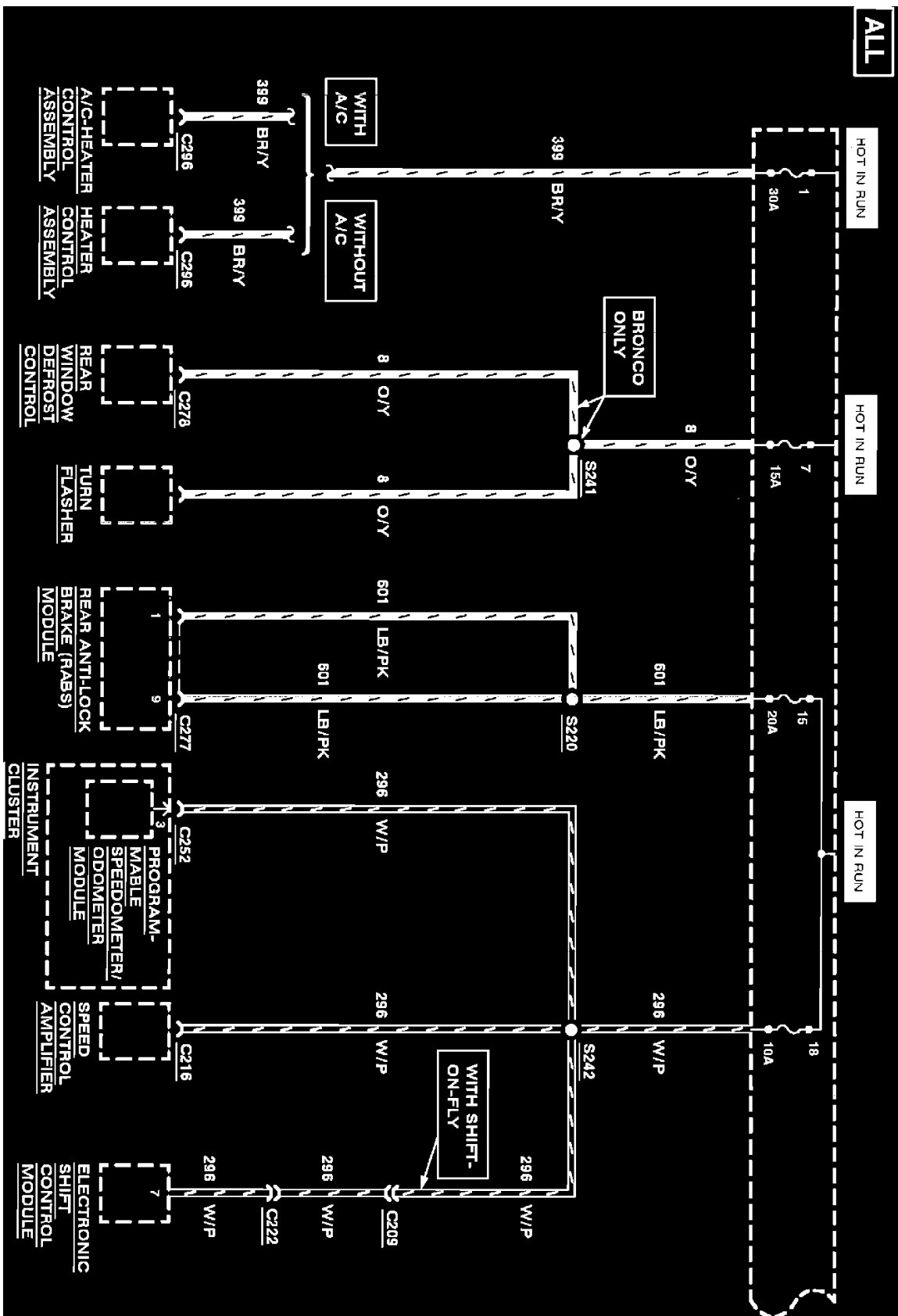
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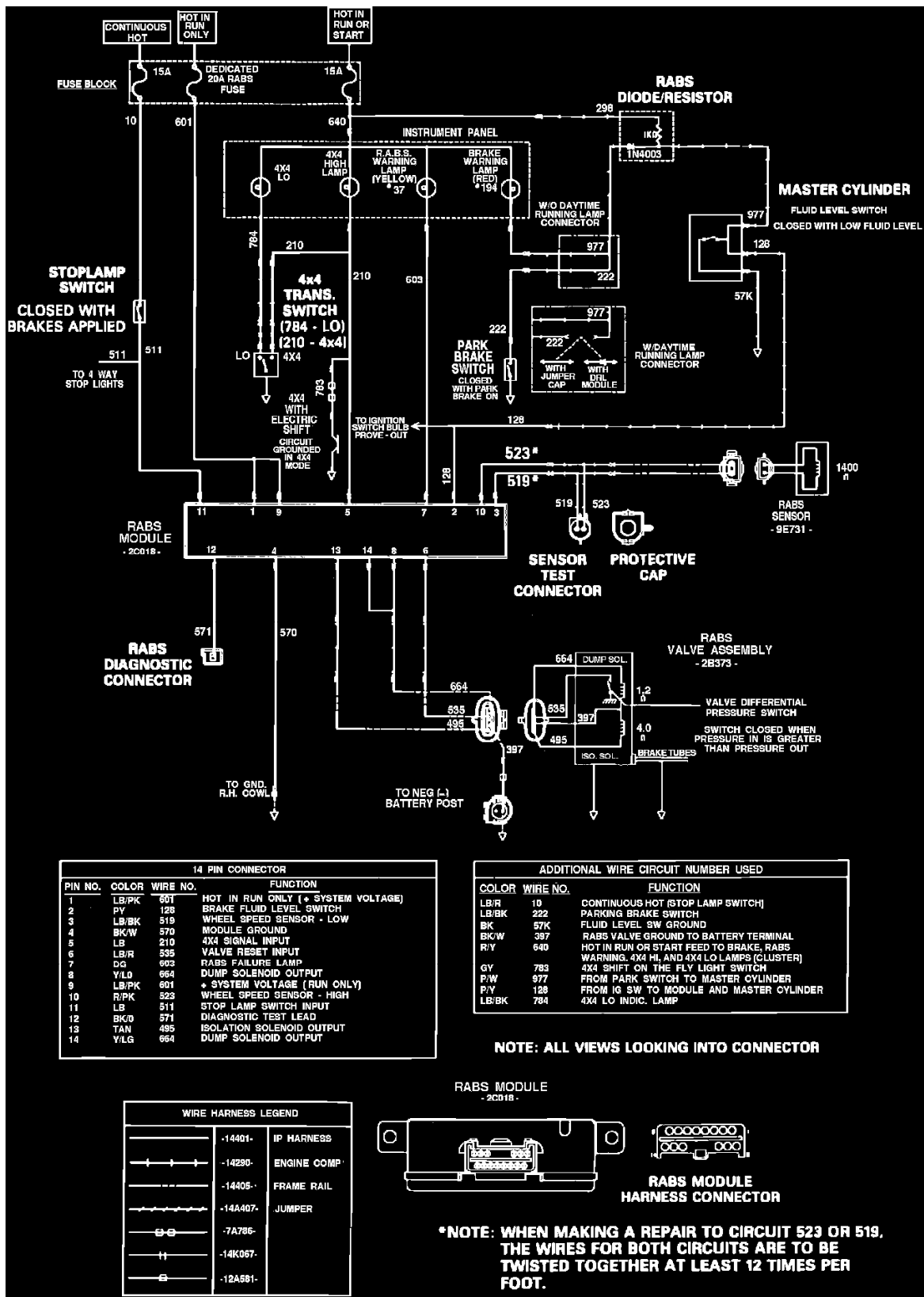
Power Distribution



Power Distribution



Power Distribution

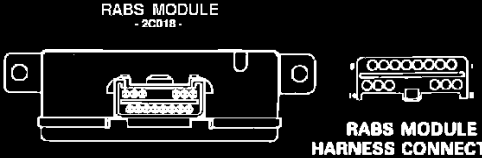


14 PIN CONNECTOR			
PIN NO.	COLOR	WIRE NO.	FUNCTION
1	LB/PK	601	HOT IN RUN ONLY (* SYSTEM VOLTAGE)
2	PW	128	BRAKE FLUID LEVEL SWITCH
3	LB/BK	519	WHEEL SPEED SENSOR - LOW
4	BK/W	570	MODULE GROUND
5	LB	210	4X4 SIGNAL INPUT
6	LB/R	535	VALVE RESET INPUT
7	DG	603	RABS FAILURE LAMP
8	Y/LD	664	DUMP SOLENOID OUTPUT
9	LB/PK	601	* SYSTEM VOLTAGE (RUN ONLY)
10	R/PK	523	WHEEL SPEED SENSOR - HIGH
11	LB	511	STOP LAMP SWITCH INPUT
12	BK/O	571	DIAGNOSTIC TEST LEAD
13	TAN	495	ISOLATION SOLENOID OUTPUT
14	Y/LG	664	DUMP SOLENOID OUTPUT

ADDITIONAL WIRE CIRCUIT NUMBER USED		
COLOR	WIRE NO.	FUNCTION
LB/R	10	CONTINUOUS HOT (STOP LAMP SWITCH)
LB/BK	222	PARKING BRAKE SWITCH
BK	57K	FLUID LEVEL SW GROUND
BK/W	397	RABS VALVE GROUND TO BATTERY TERMINAL
R/Y	640	HOT IN RUN OR START FEED TO BRAKE, RABS WARNING, 4X4 HI, AND 4X4 LO LAMPS (CLUSTER)
GV	783	4X4 SHIFT ON THE FLY LIGHT SWITCH
P/W	977	FROM PARK SWITCH TO MASTER CYLINDER
P/Y	128	FROM IG SW TO MODULE AND MASTER CYLINDER
LB/BK	784	4X4 LO INDIC. LAMP

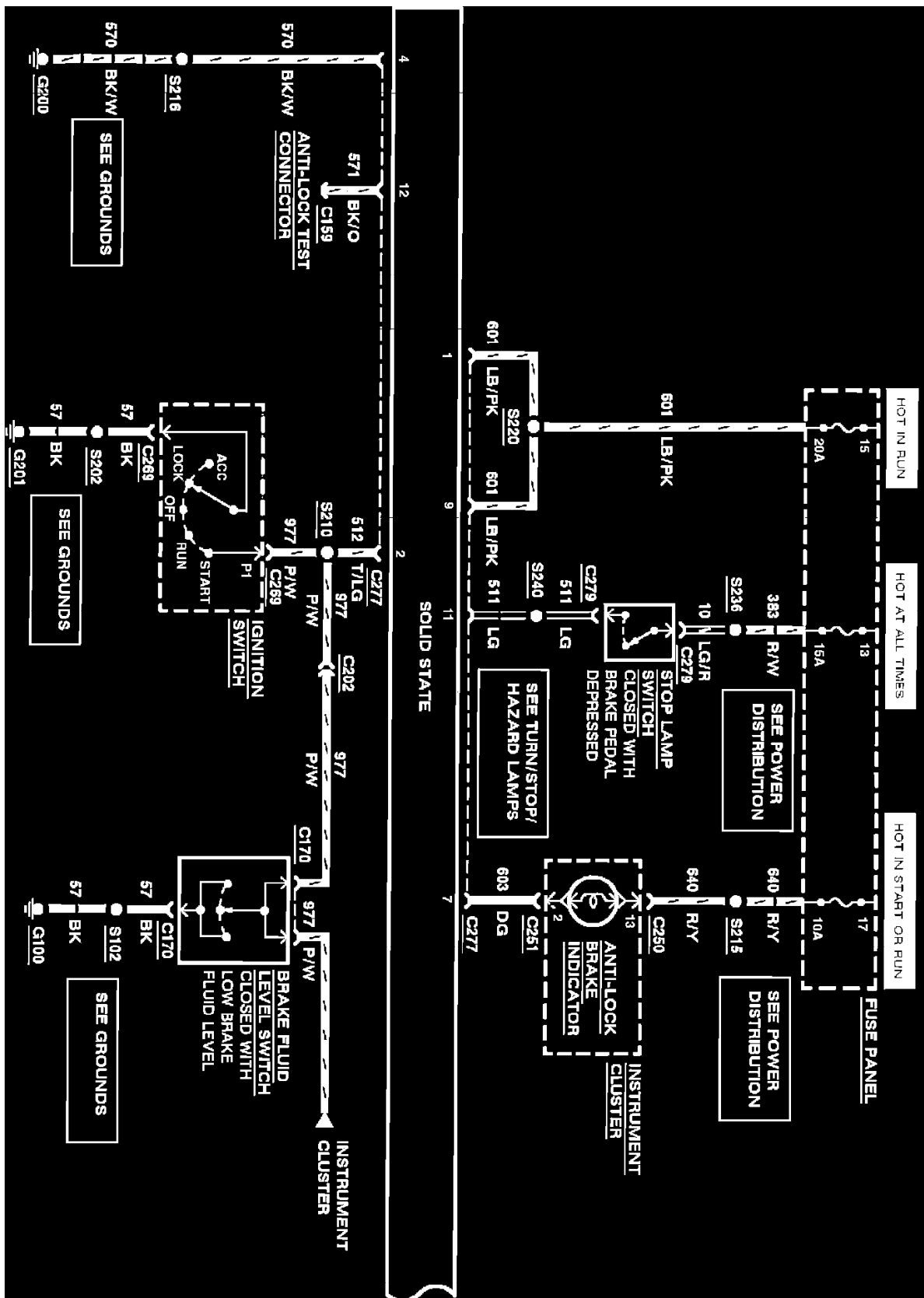
NOTE: ALL VIEWS LOOKING INTO CONNECTOR

WIRE HARNESS LEGEND		
	-14401-	IP HARNESS
	-14290-	ENGINE COMP
	-14405-	FRAME RAIL
	-14A407-	JUMPER
	-7A786-	
	-14K067-	
	-12A581-	

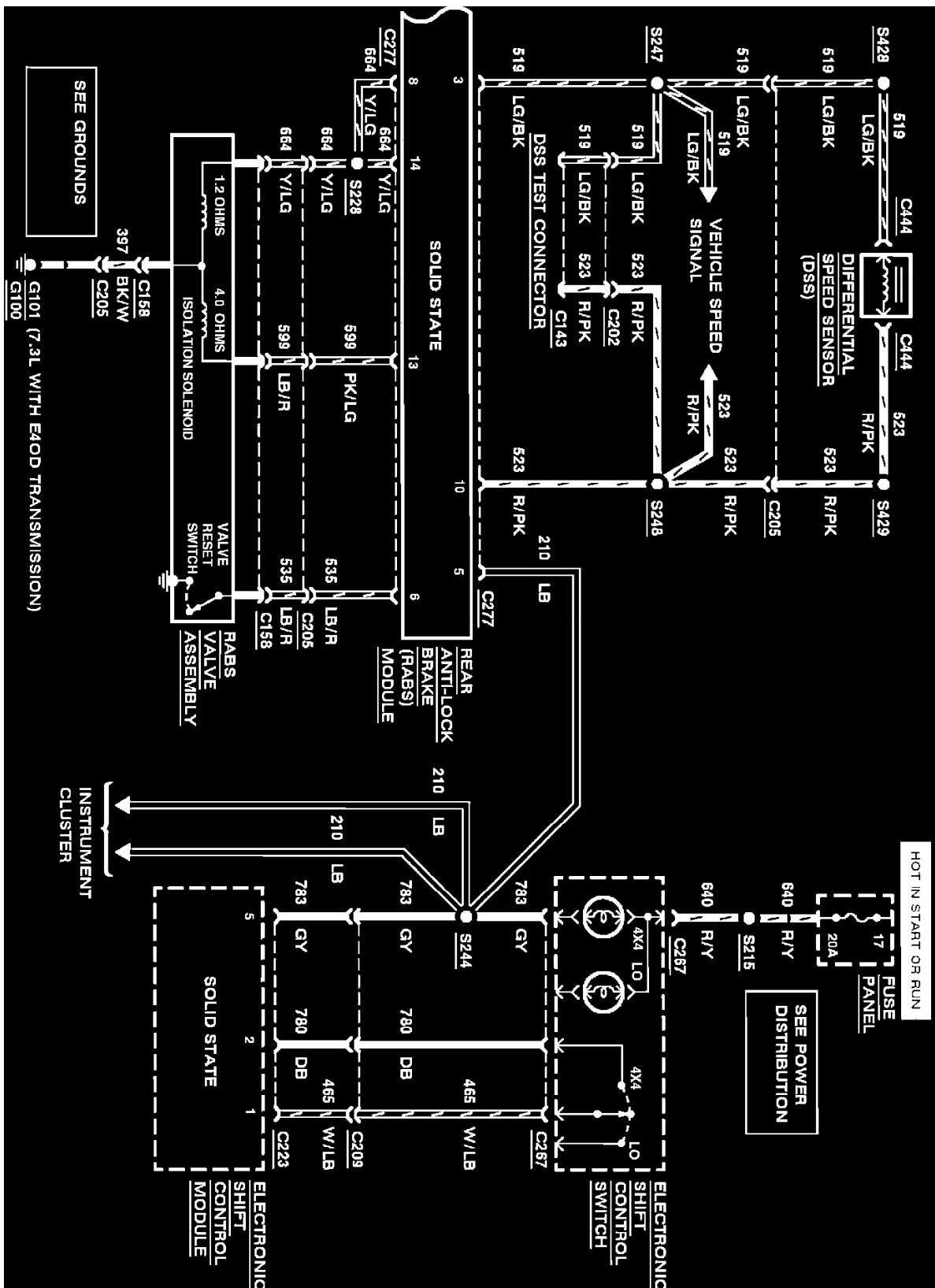


*NOTE: WHEN MAKING A REPAIR TO CIRCUIT 523 OR 519, THE WIRES FOR BOTH CIRCUITS ARE TO BE TWISTED TOGETHER AT LEAST 12 TIMES PER FOOT.

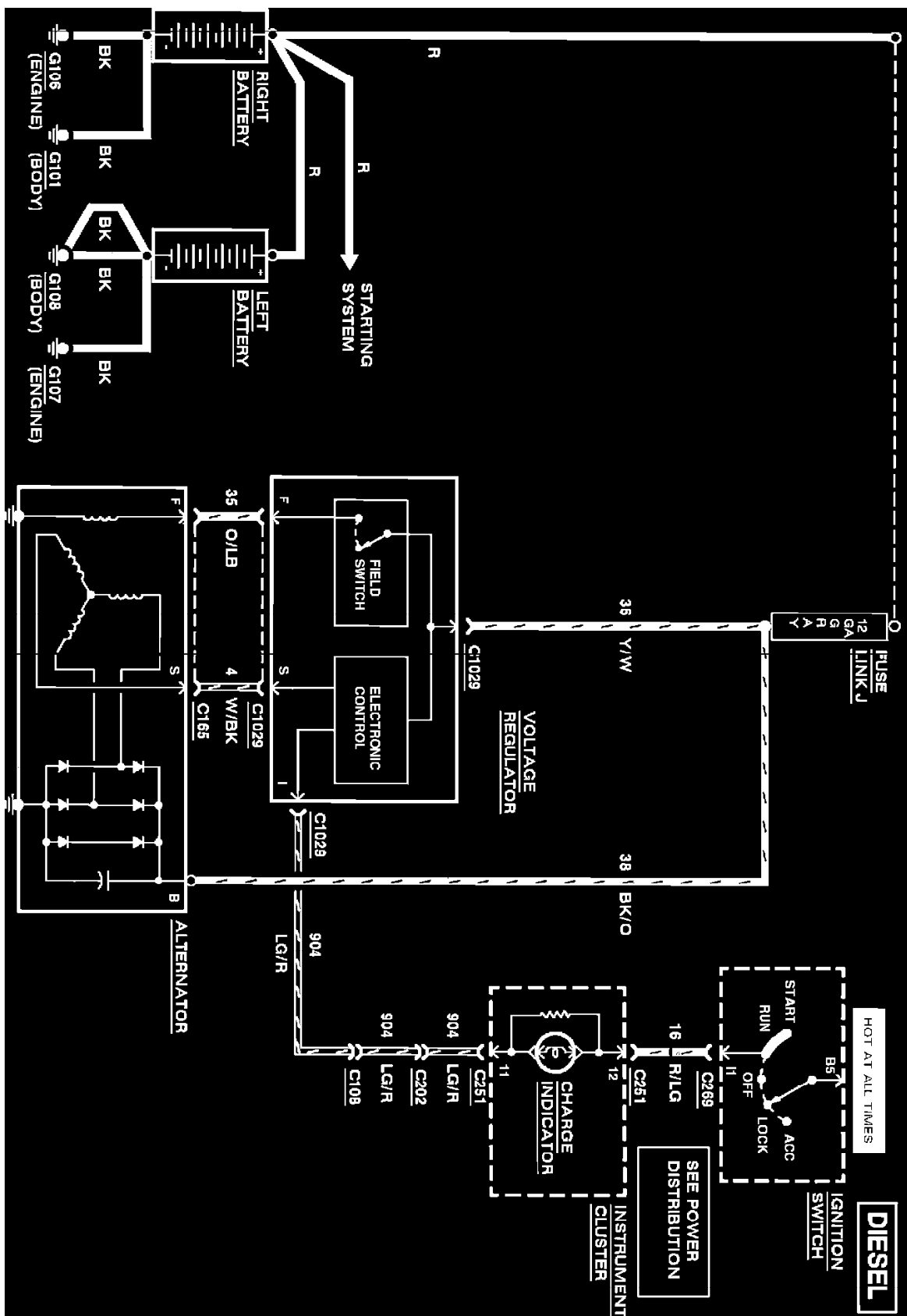
Fig. 22 Anti-Lock Brake System Wiring Schematic



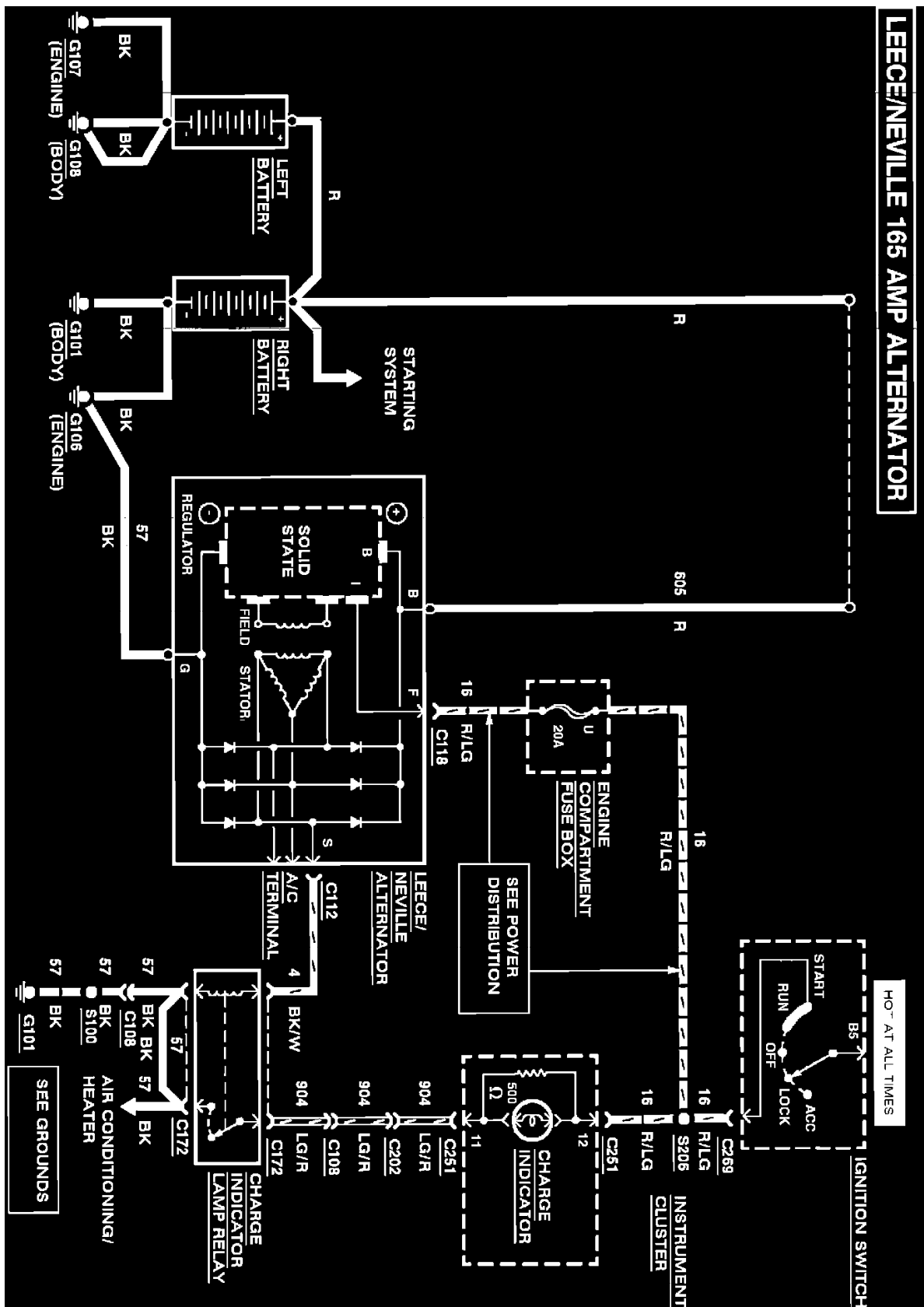
Anti-Lock Brakes



Anti-Lock Brakes



Charging System



Charging System

Alternator

For Alternator wiring diagrams, please refer to: Starting and Charging/Charging System, Sec: Starting and Charging/Charging System/Diagrams

CIRCUIT NUMBER	CIRCUIT DESCRIPTION	GAGE	PRIMARY COLOR	SECONDARY COLOR	STRIPES	HAZY	DOTS
1	HORN RELAY NEGATIVE	20	DARK BLUE				
460	BATTERY TO HORN SW	16	YELLOW	LIGHT BLUE			X
511	STOPLAMP SW TO TURN SIGNAL SW	18	LIGHT GREEN				
511A	BRAKE SW (LOAD SIDE) TO AMPLIFIER DISABLE	18	LIGHT GREEN				
57A	SENSOR GROUND	20	BLACK				
150	SENSOR SIGNAL TO AMPLIFIER	20	DARK GREEN	WHITE	X		
57	AMPLIFIER GROUND	18	BLACK				
151	AMPLIFIER CONTROL LINE	20	LIGHT BLUE	BLACK		X	
296	IGNITION SW (ACCY) TO AMPLIFIER FEED	18	WHITE	PURPLE	X		
149	SERVO FEEDBACK POT - TO AMPLIFIER	20	BROWN	LIGHT GREEN		X	
148	SERVO FEEDBACK POT POSITION TO AMPLIFIER	20	YELLOW	RED		X	
147	SERVO FEEDBACK POT — TO AMPLIFIER	20	PURPLE	LIGHT GREEN		X	
146	SERVO VENT SOLENOID CONTROL	20	WHITE	PINK		X	
145	SERVO VACUUM SOLENOID CONTROL	20	GRAY	BLACK		X	
144	SERVO SOLENOID FEED	20	ORANGE	YELLOW		X	
6	HORN RELAY TO HORN	16	YELLOW	LT GREEN		X	

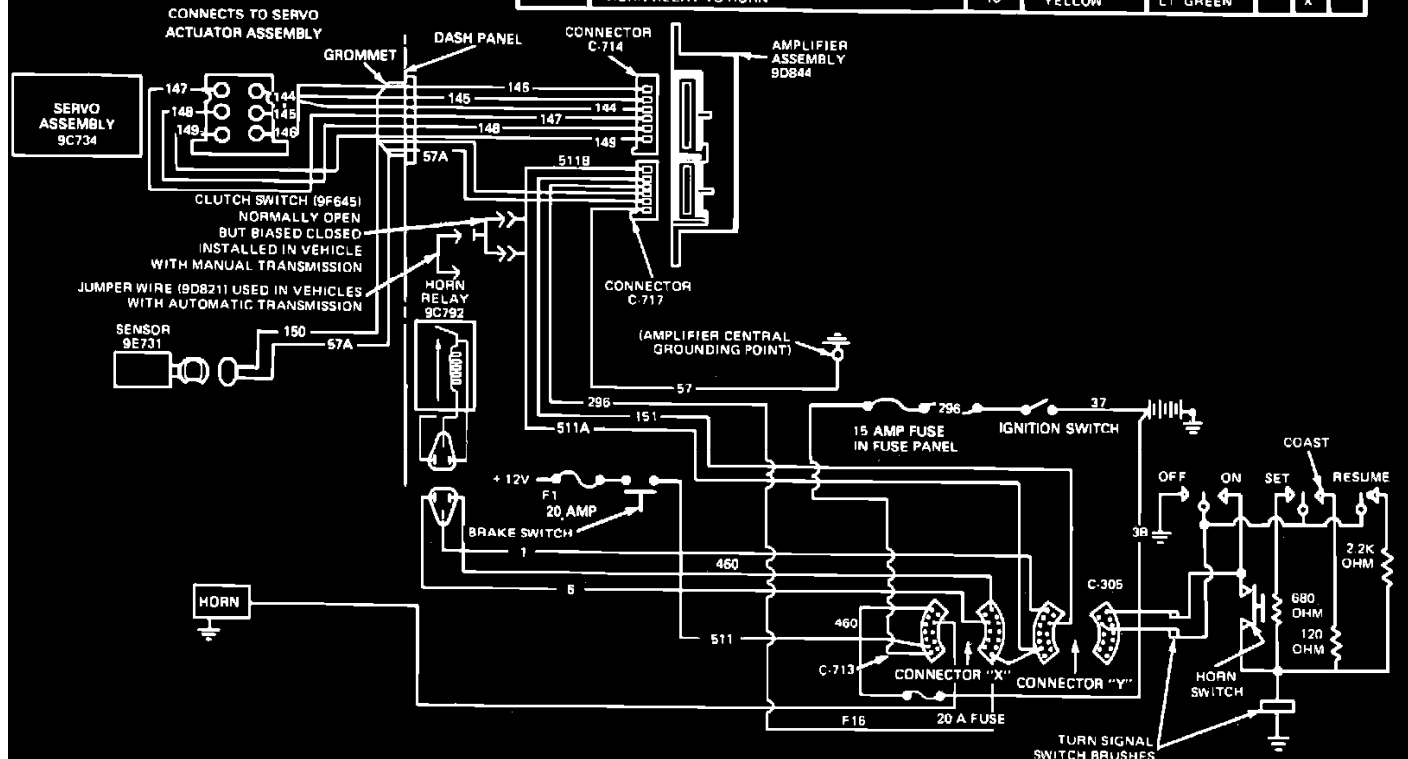
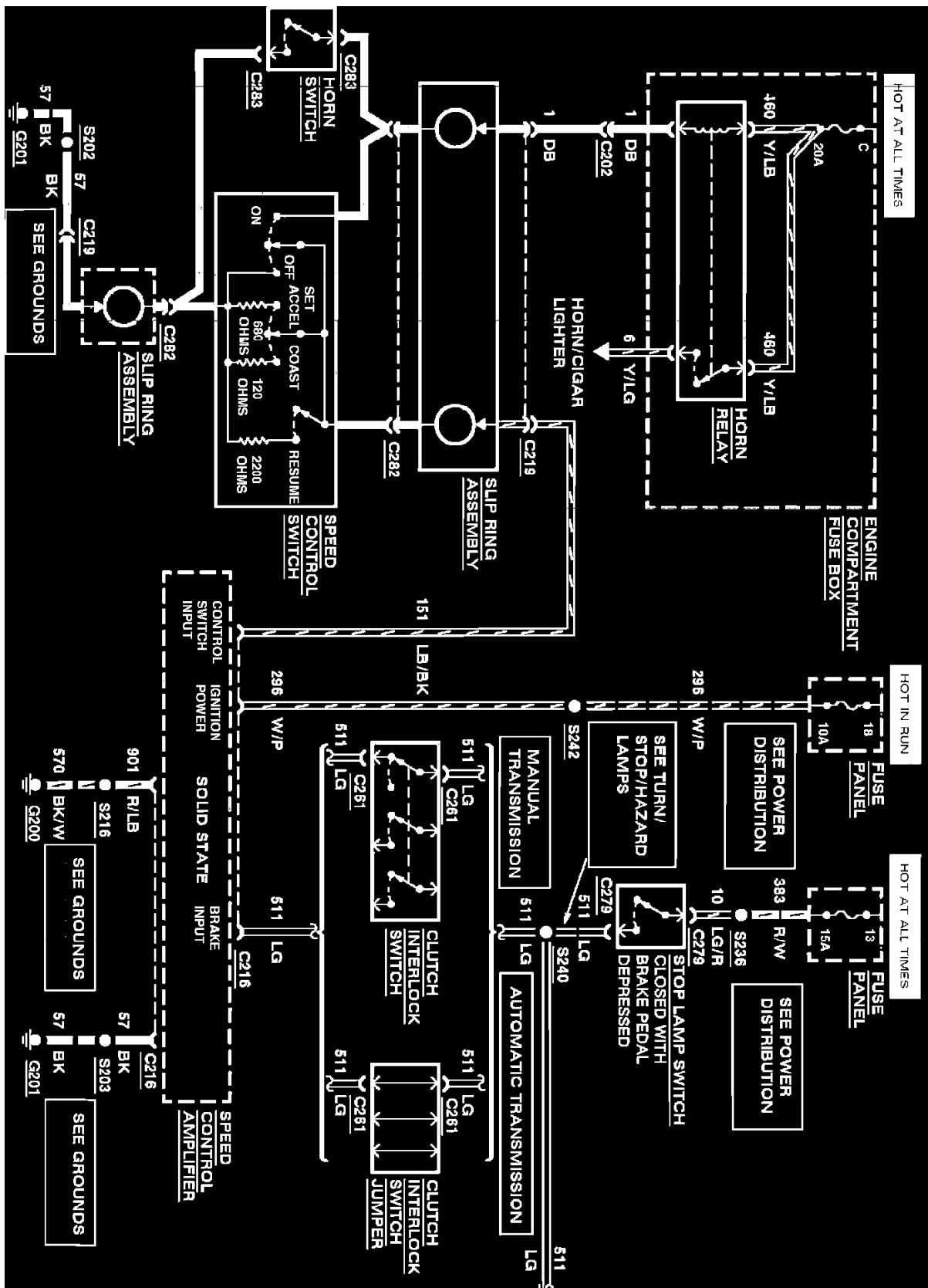
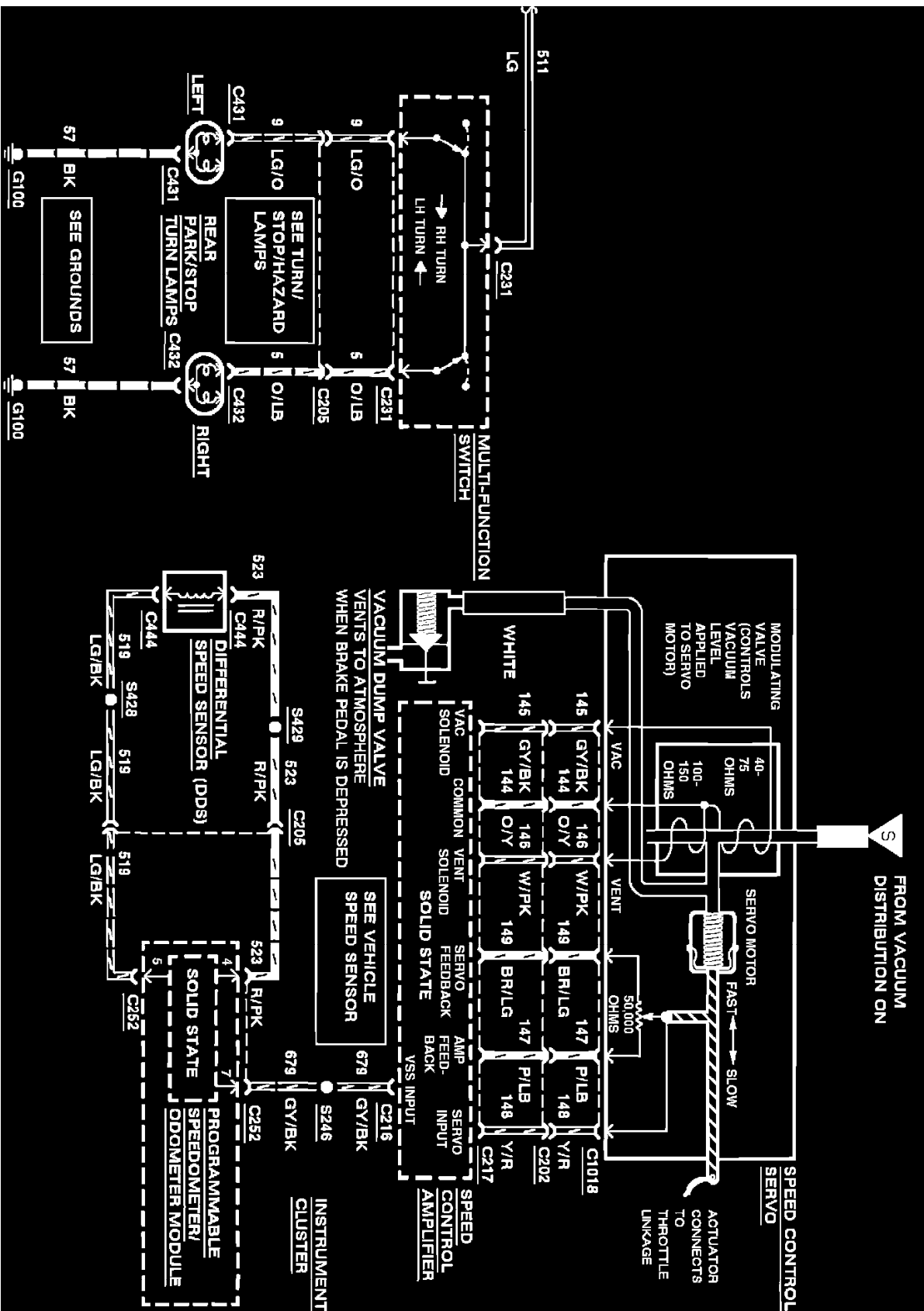


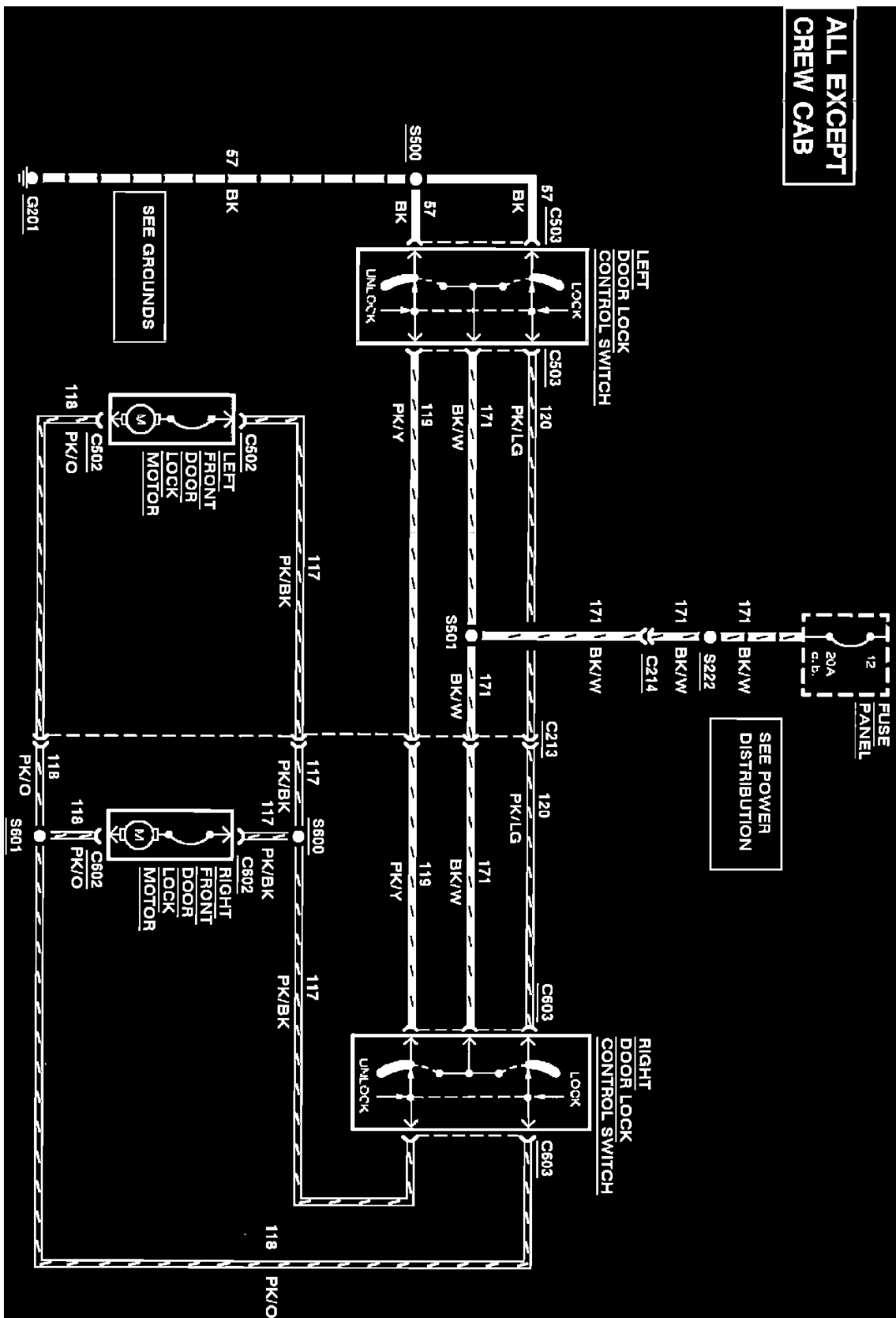
Fig. 4 Speed Control Wiring Diagram



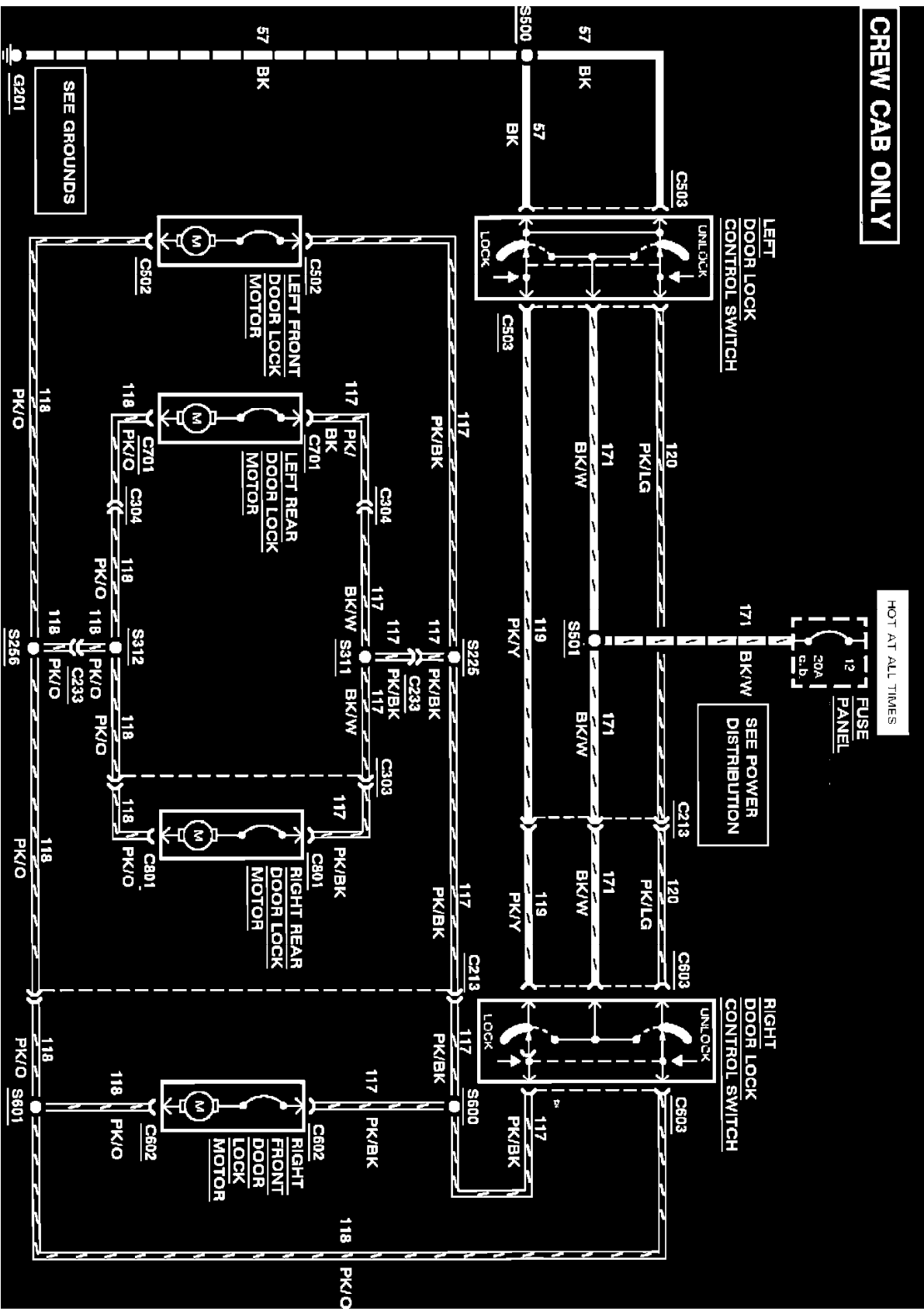
Speed Control



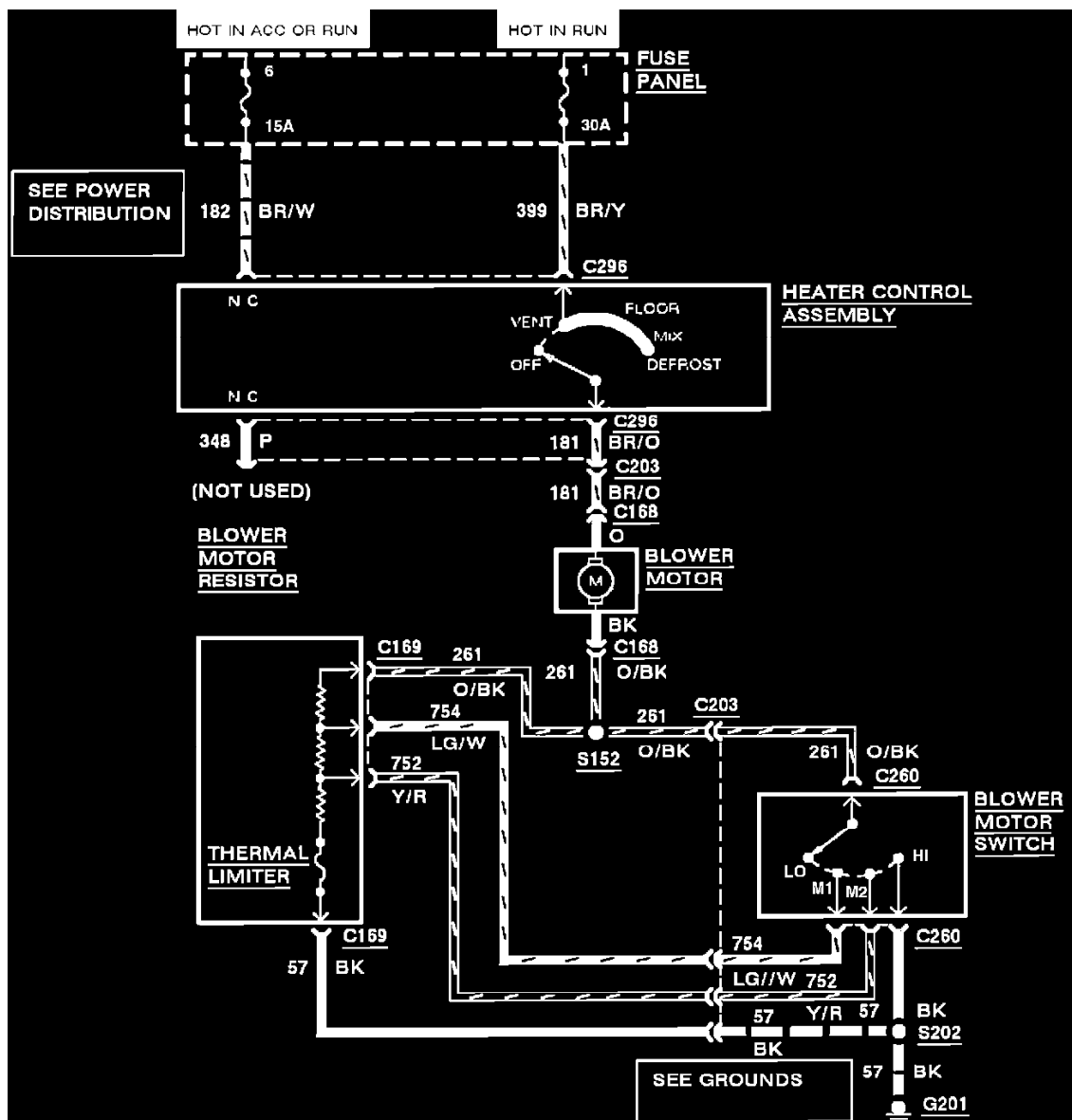
Speed Control



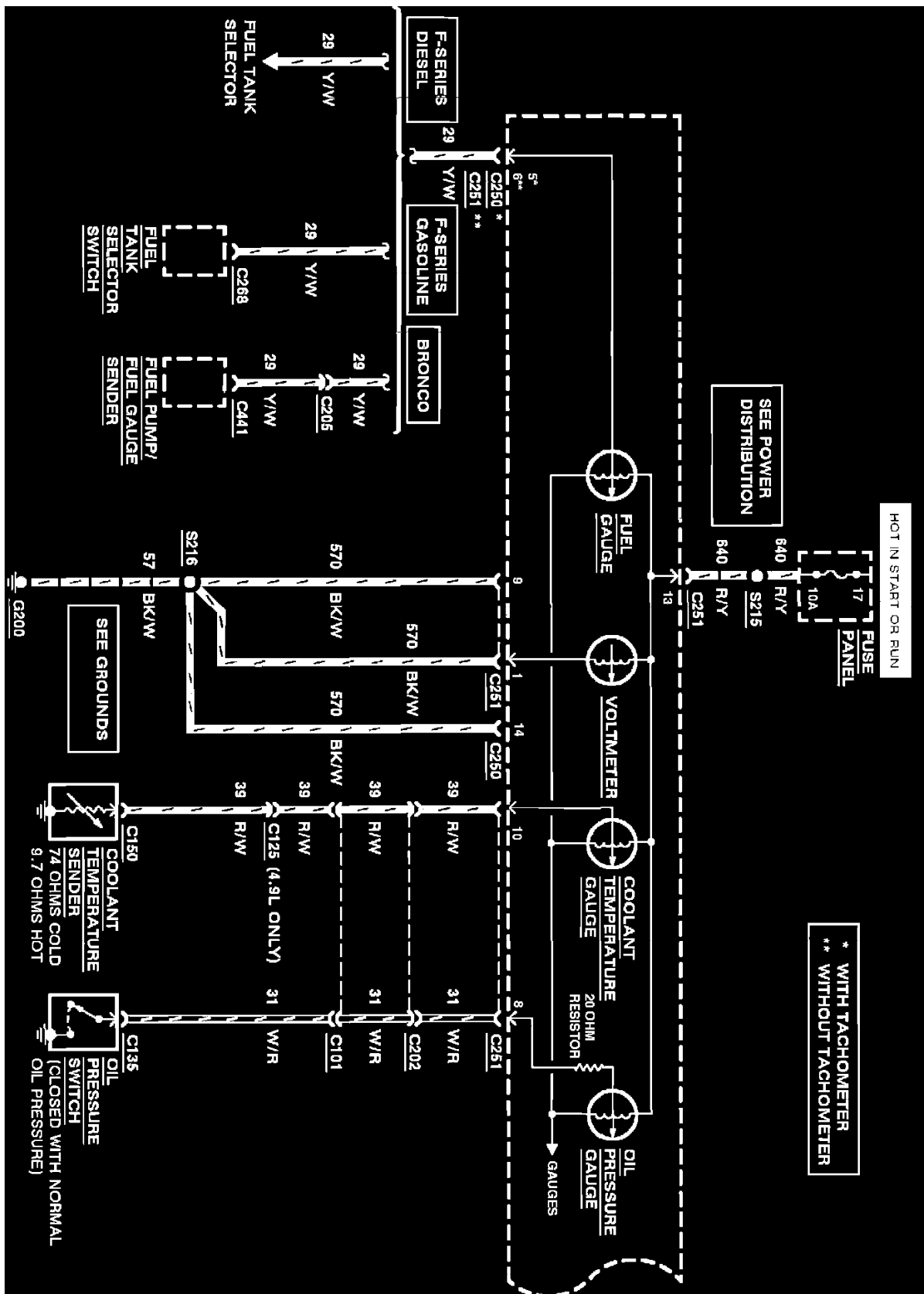
Power Door Locks



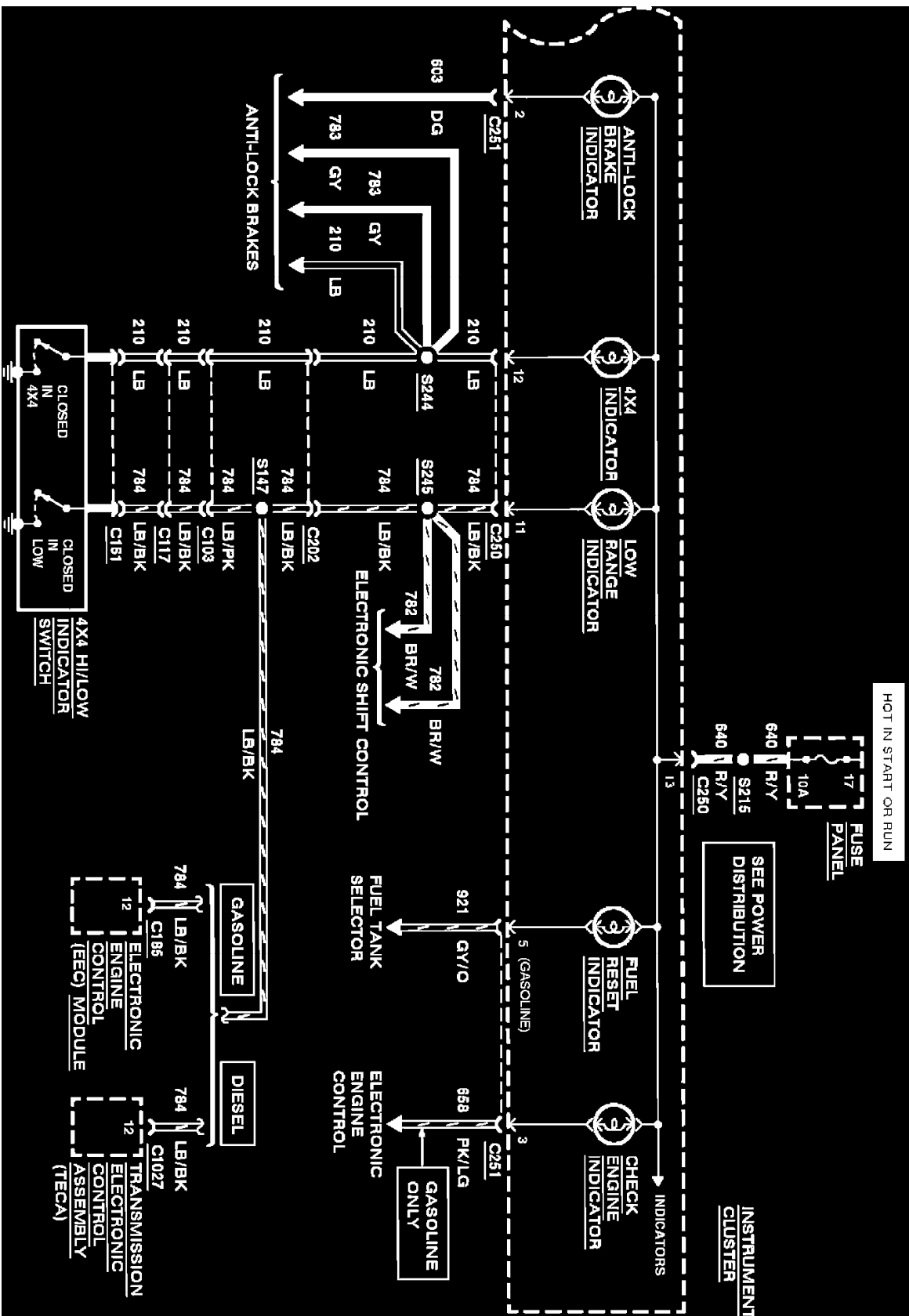
Power Door Locks



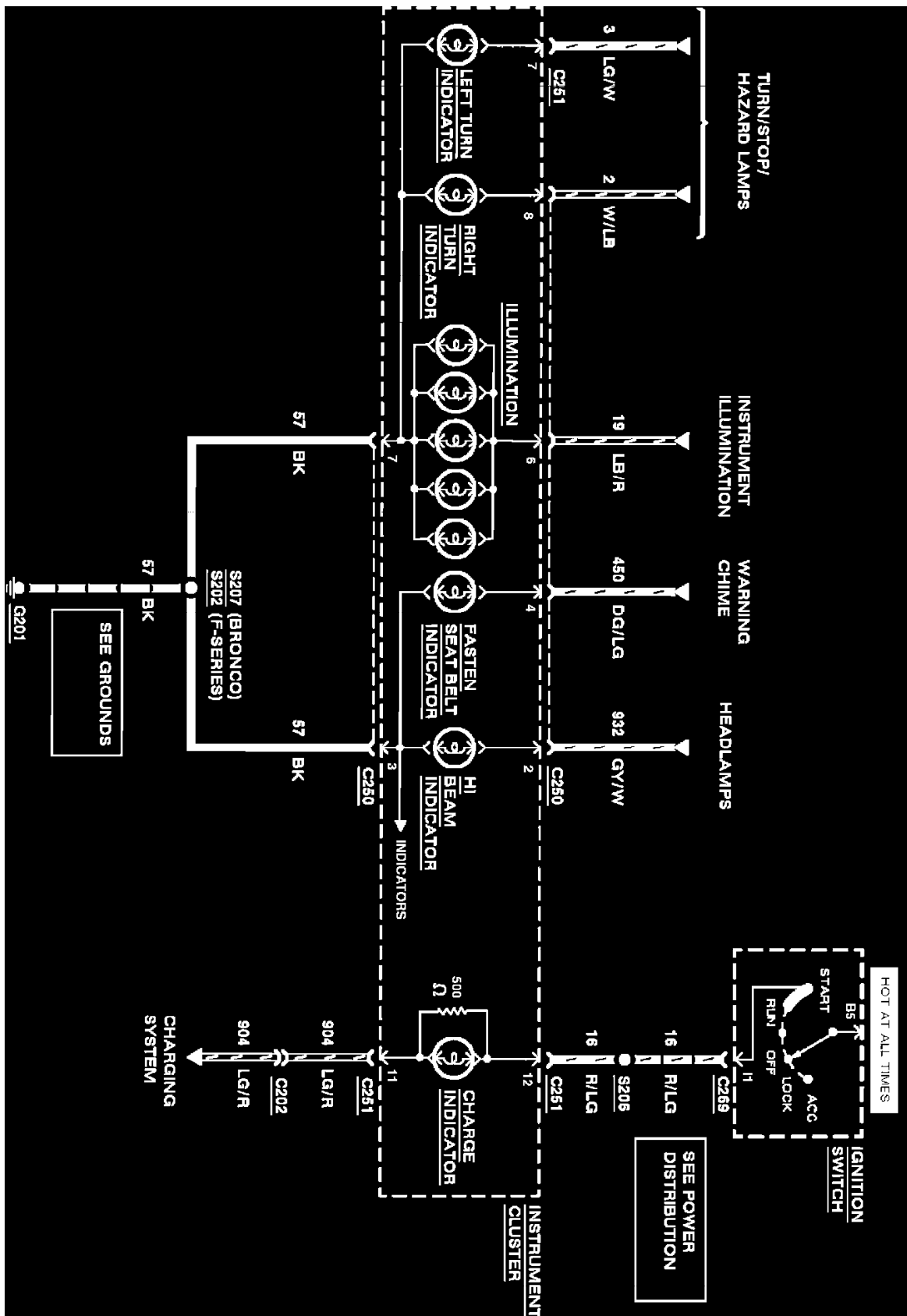
Heater



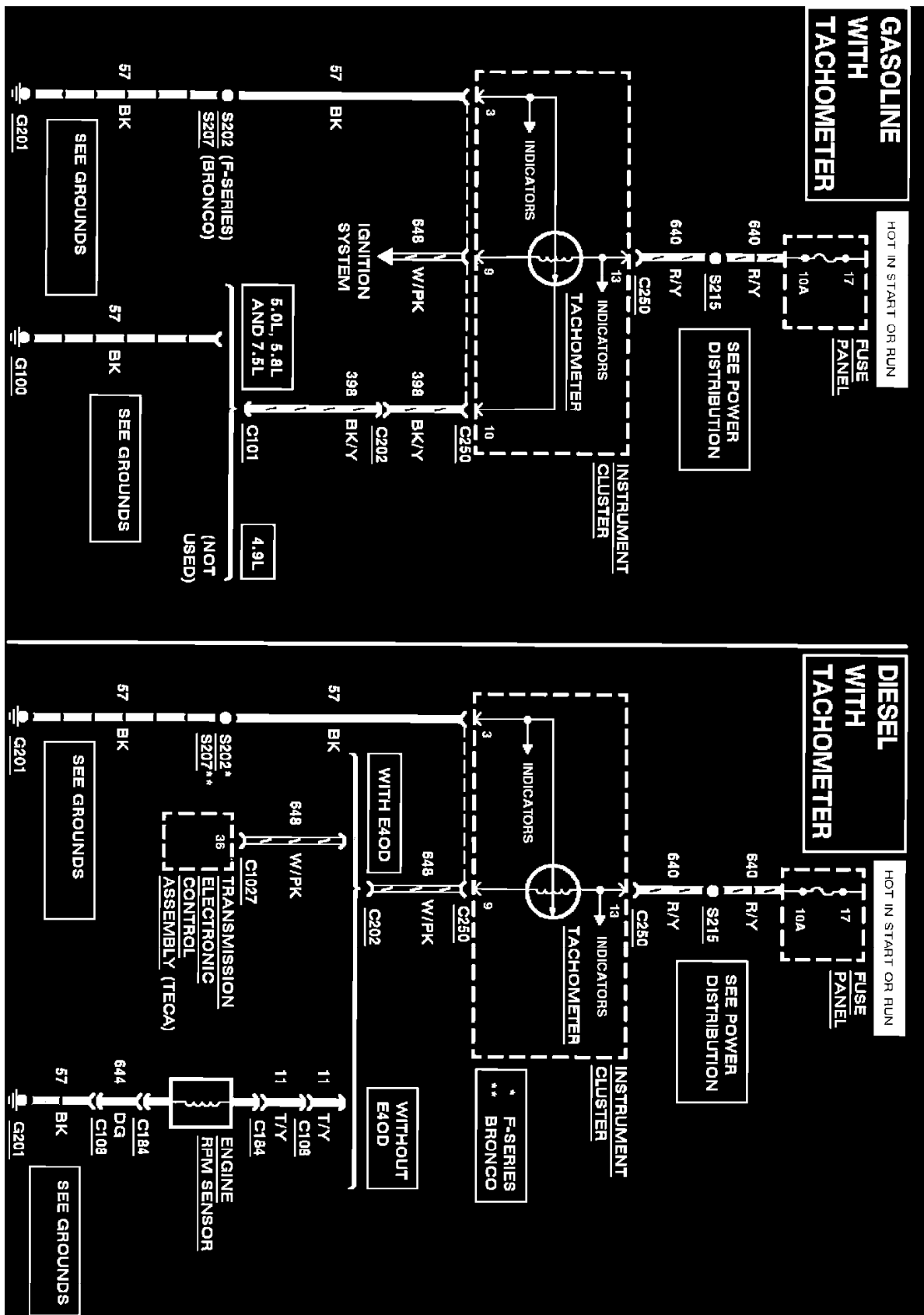
Instrument Cluster



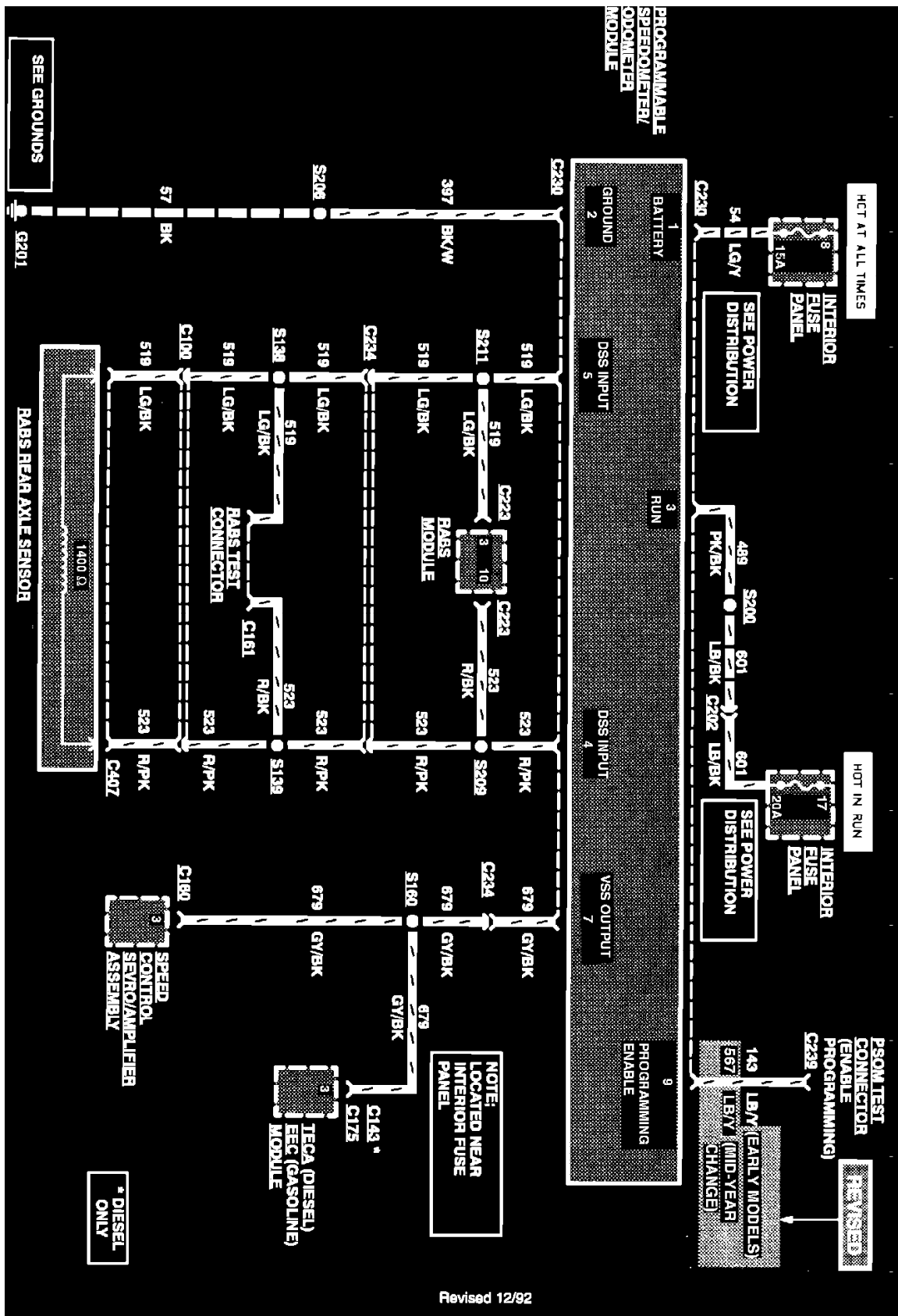
Instrument Cluster



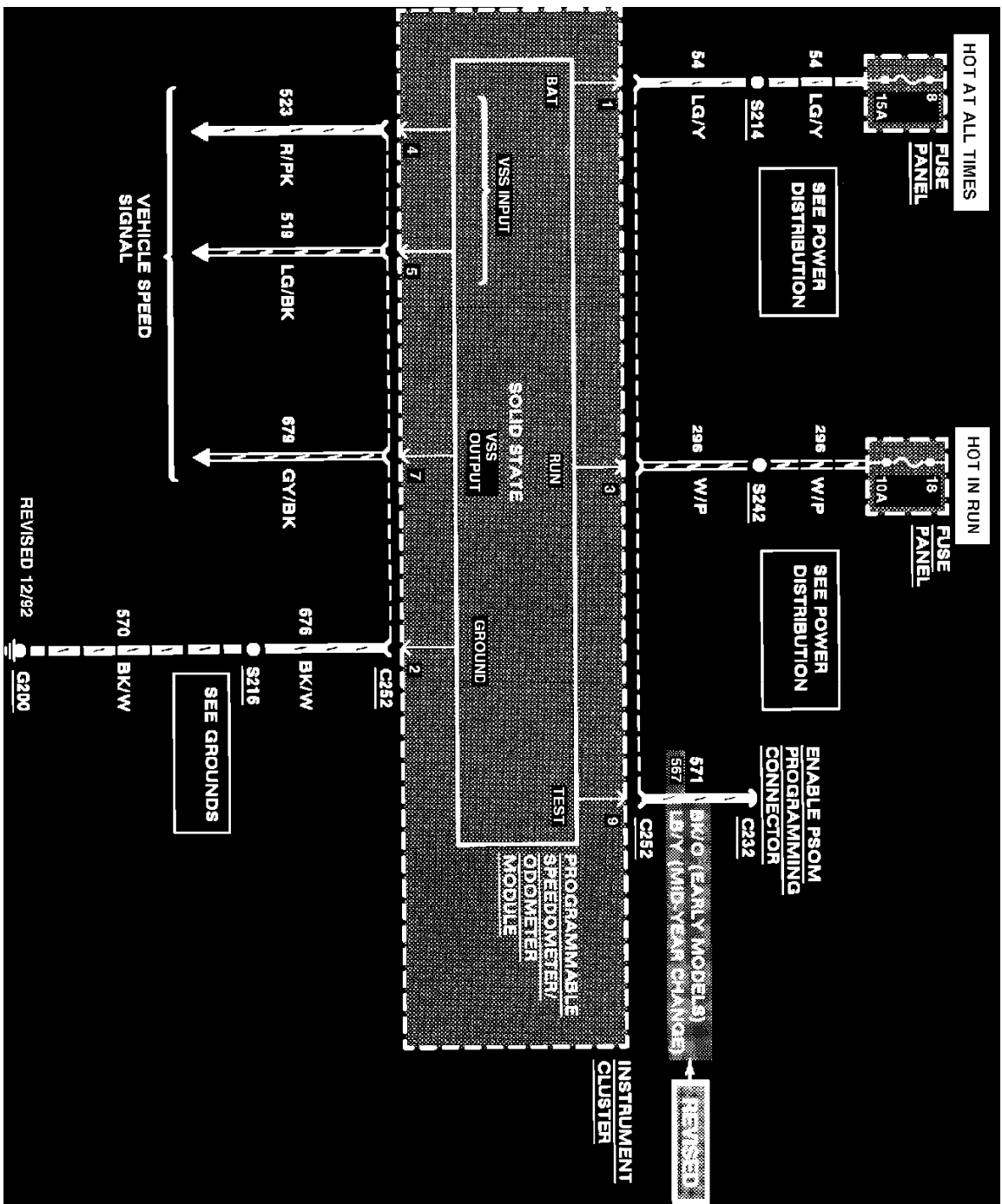
Instrument Cluster



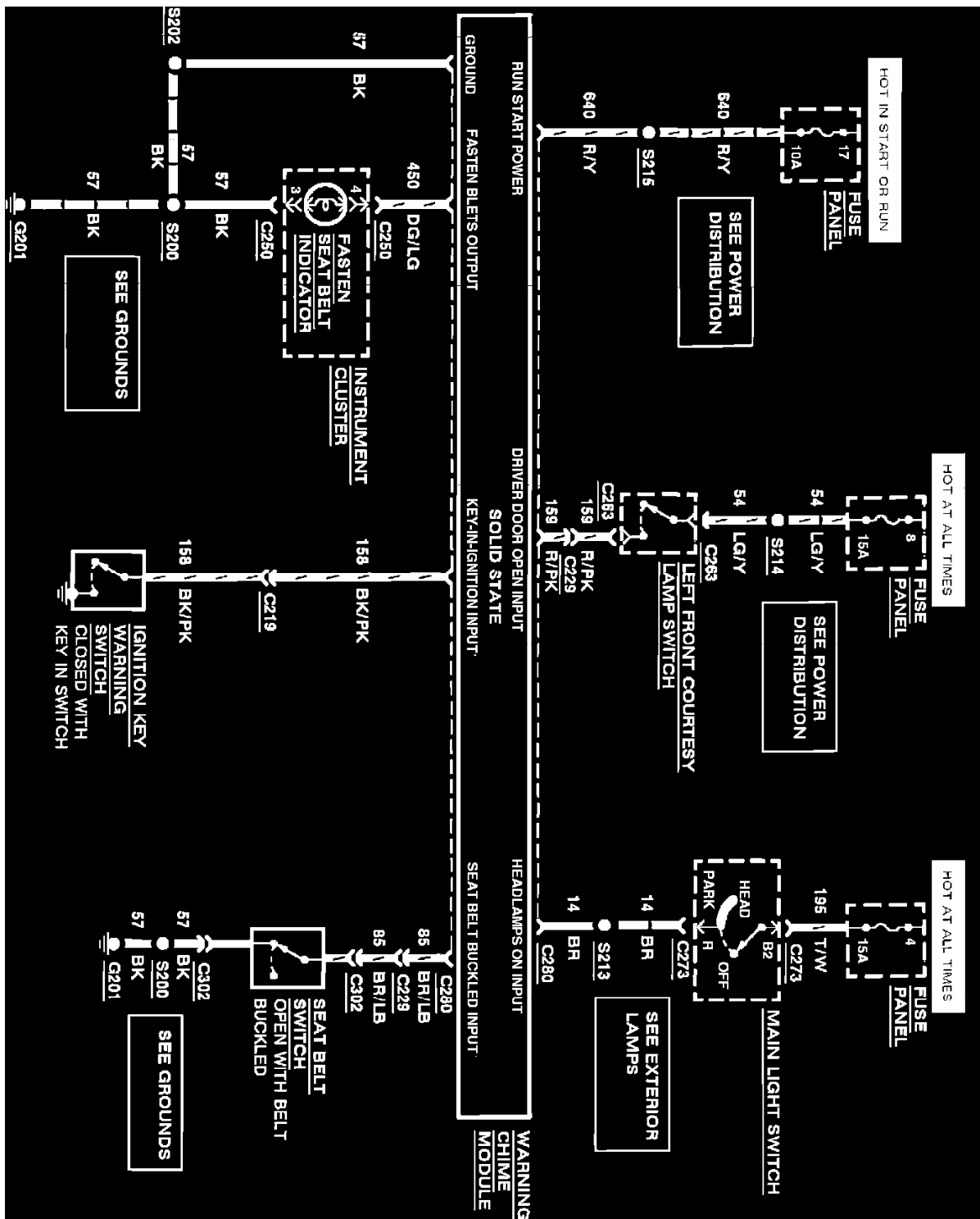
Instrument Cluster



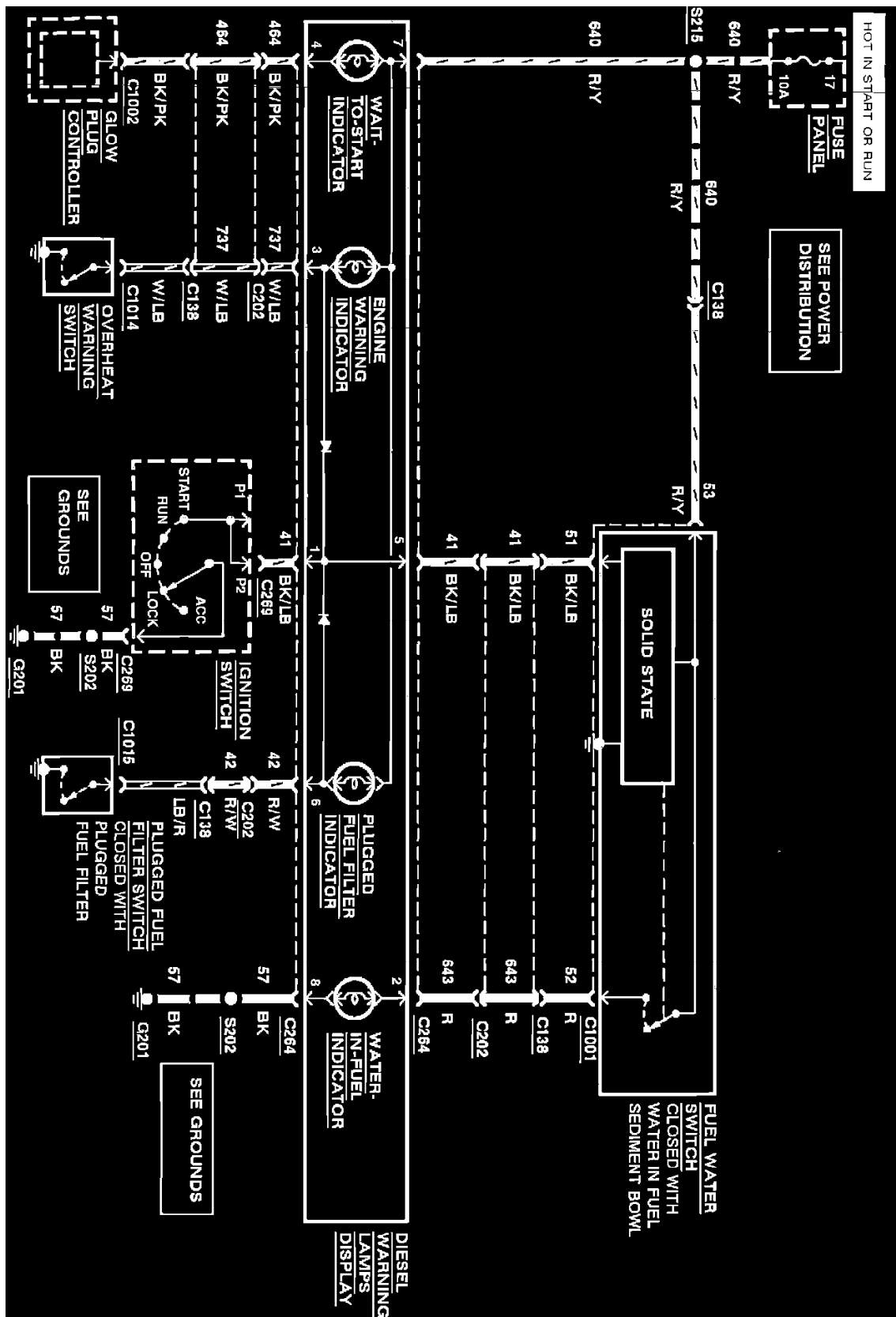
Instrument Cluster



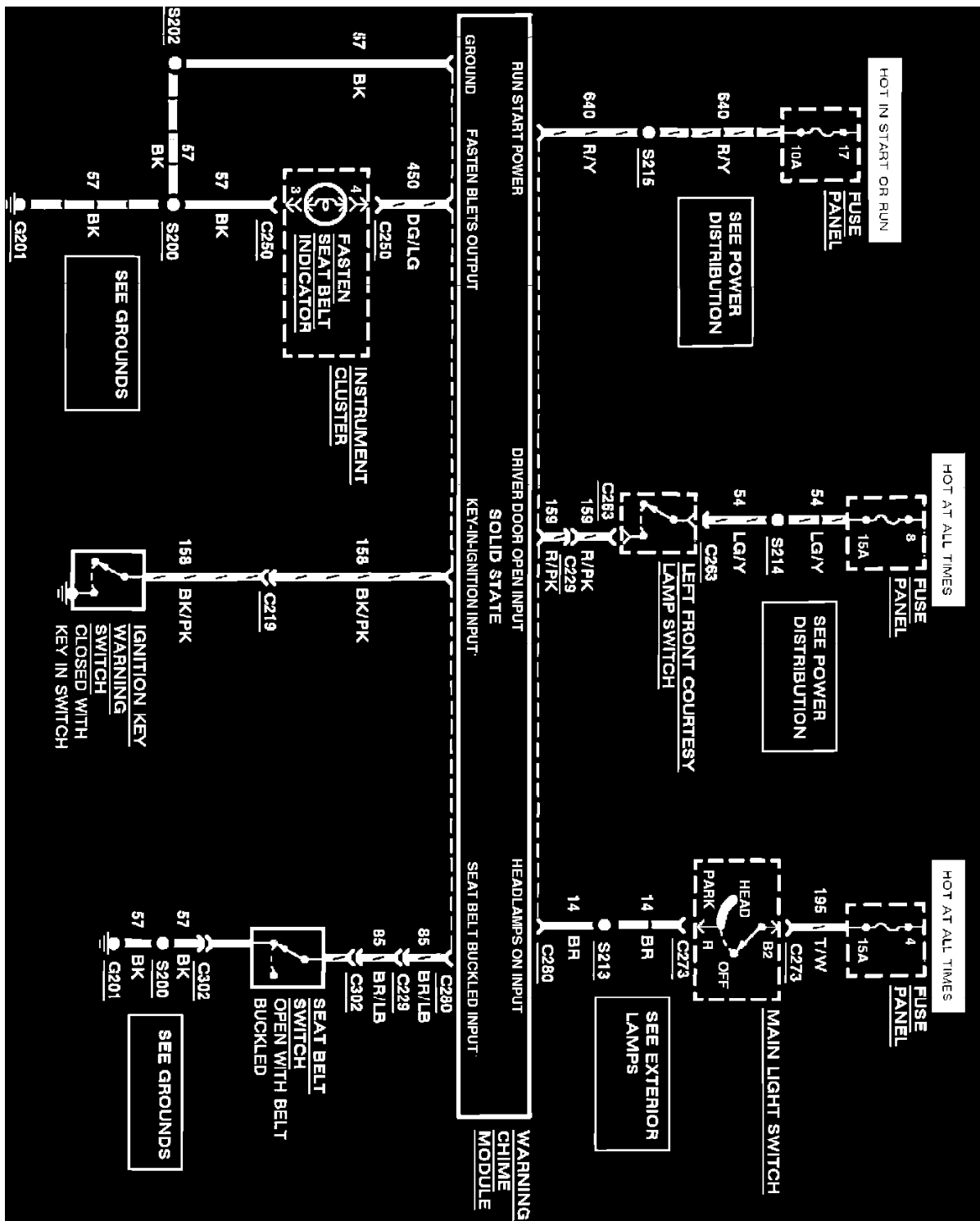
Instrument Cluster



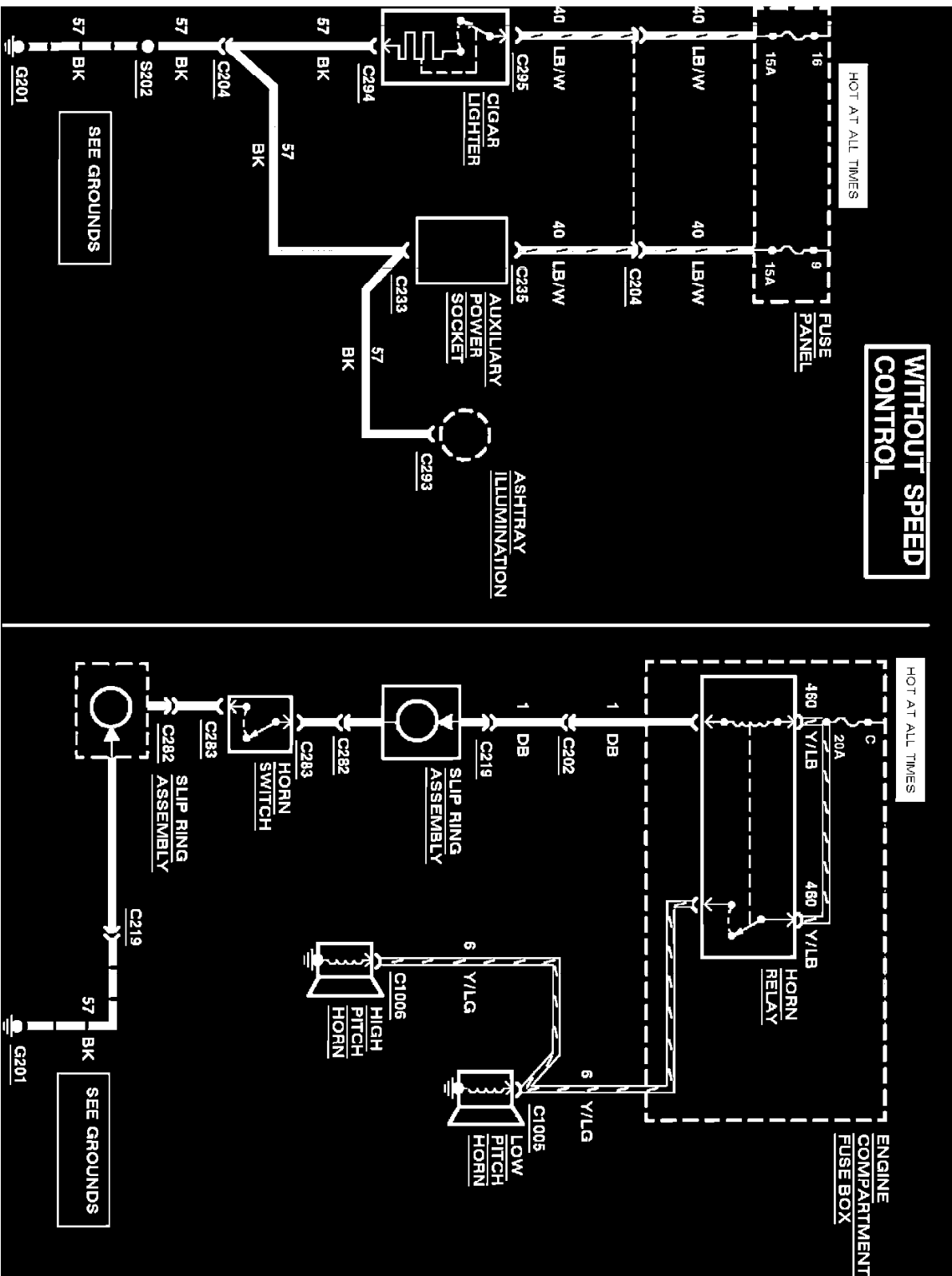
Warning Chime



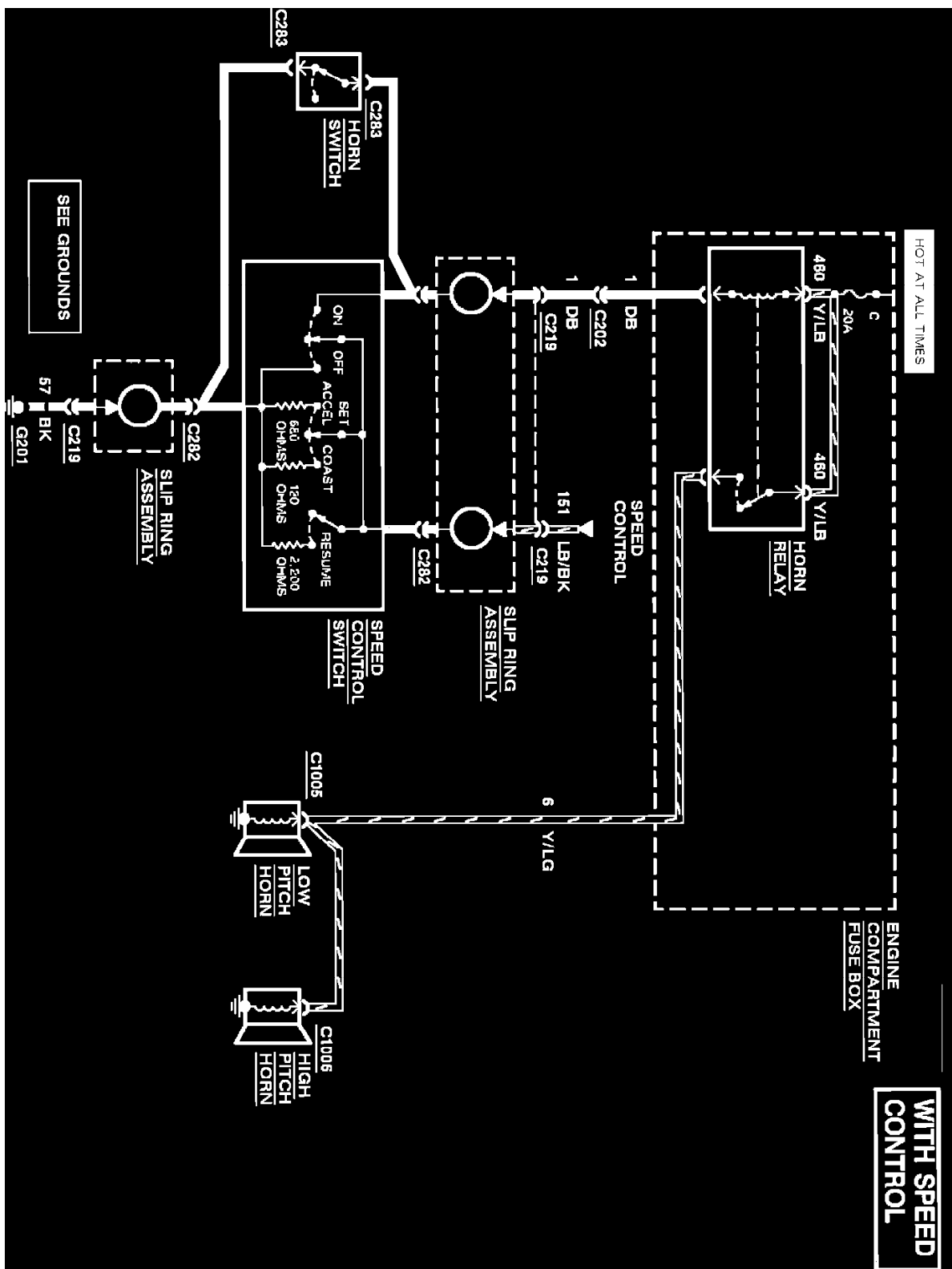
Warning Indicators



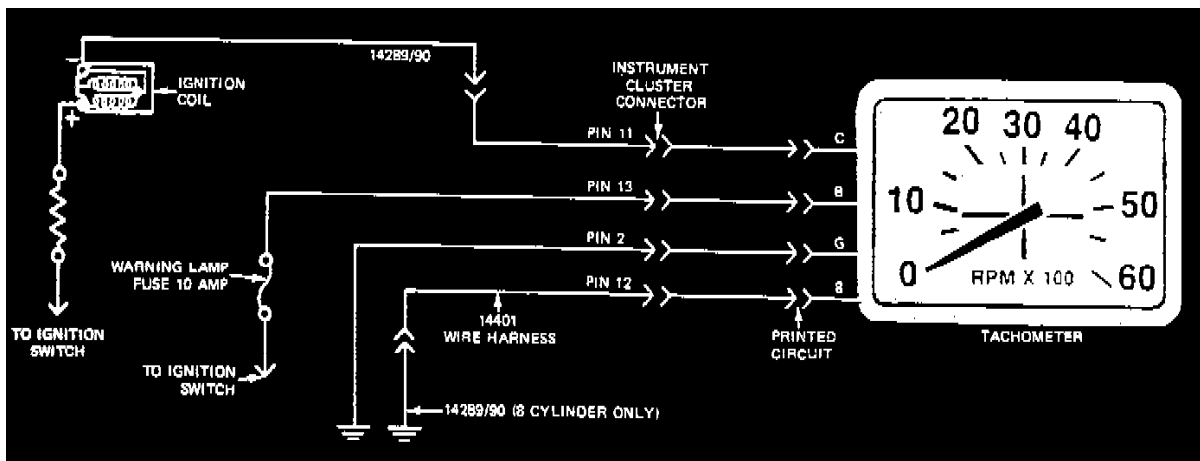
Warning Chime

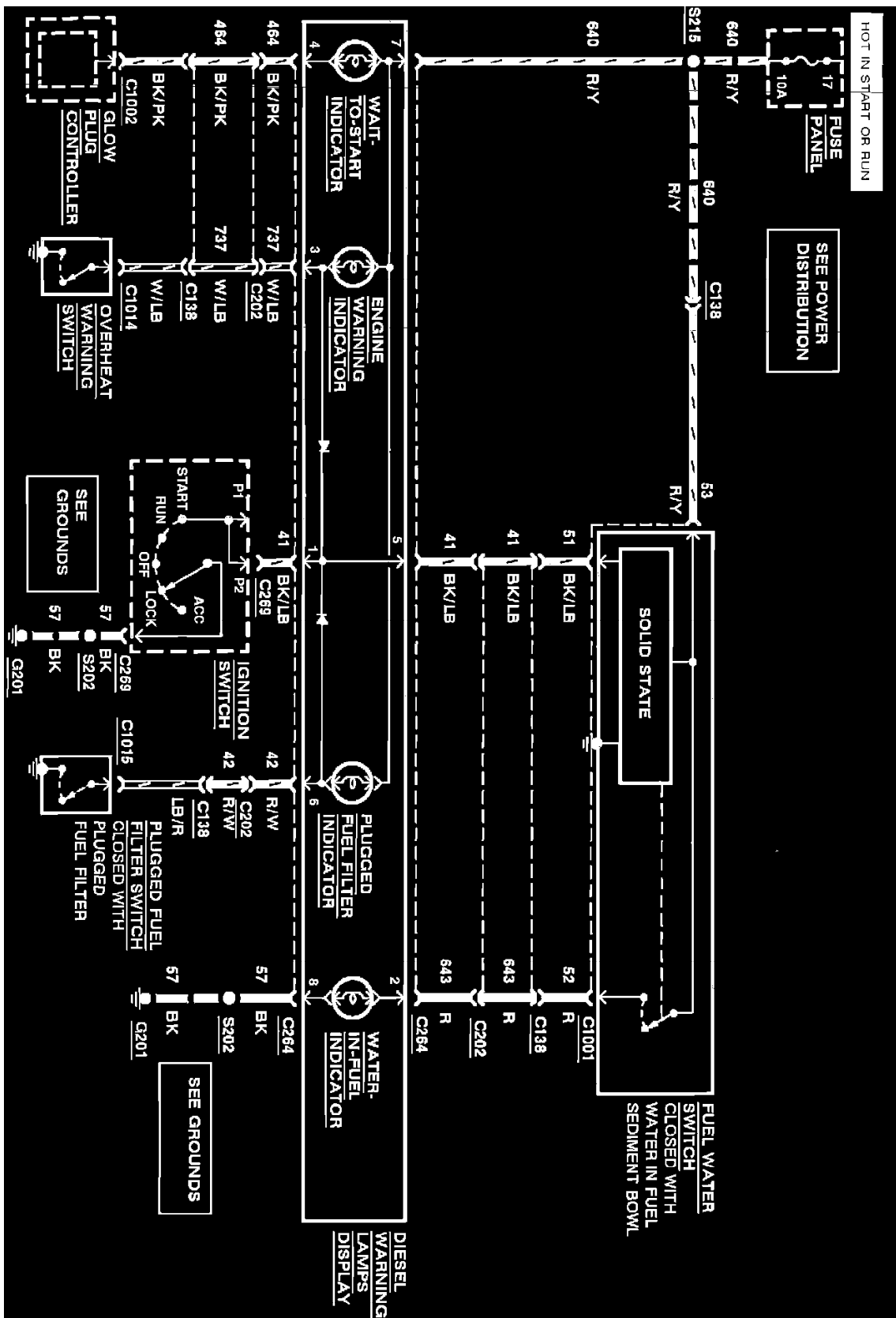


Horn/Cigar Lighter

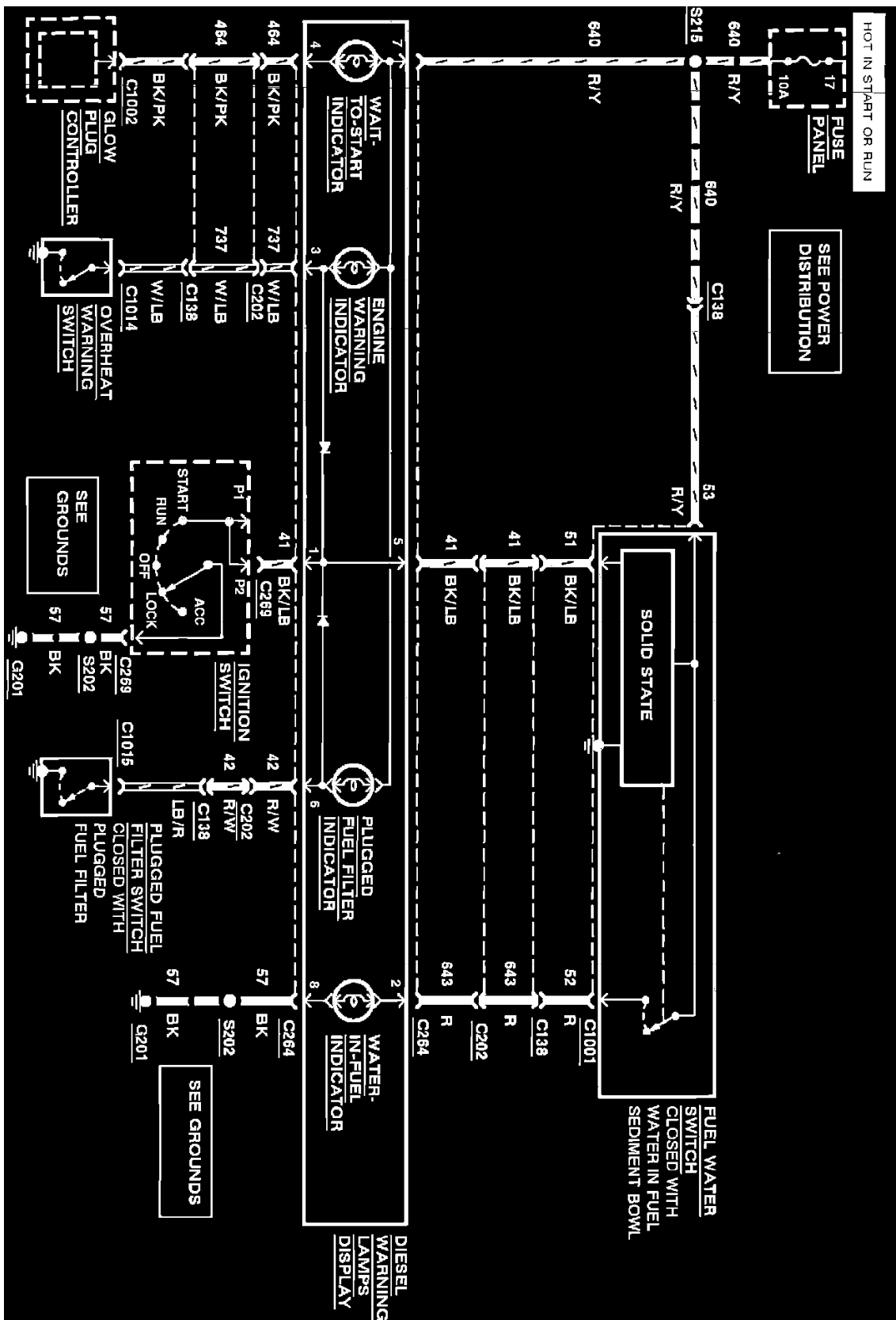


Horn/Cigar Lighter

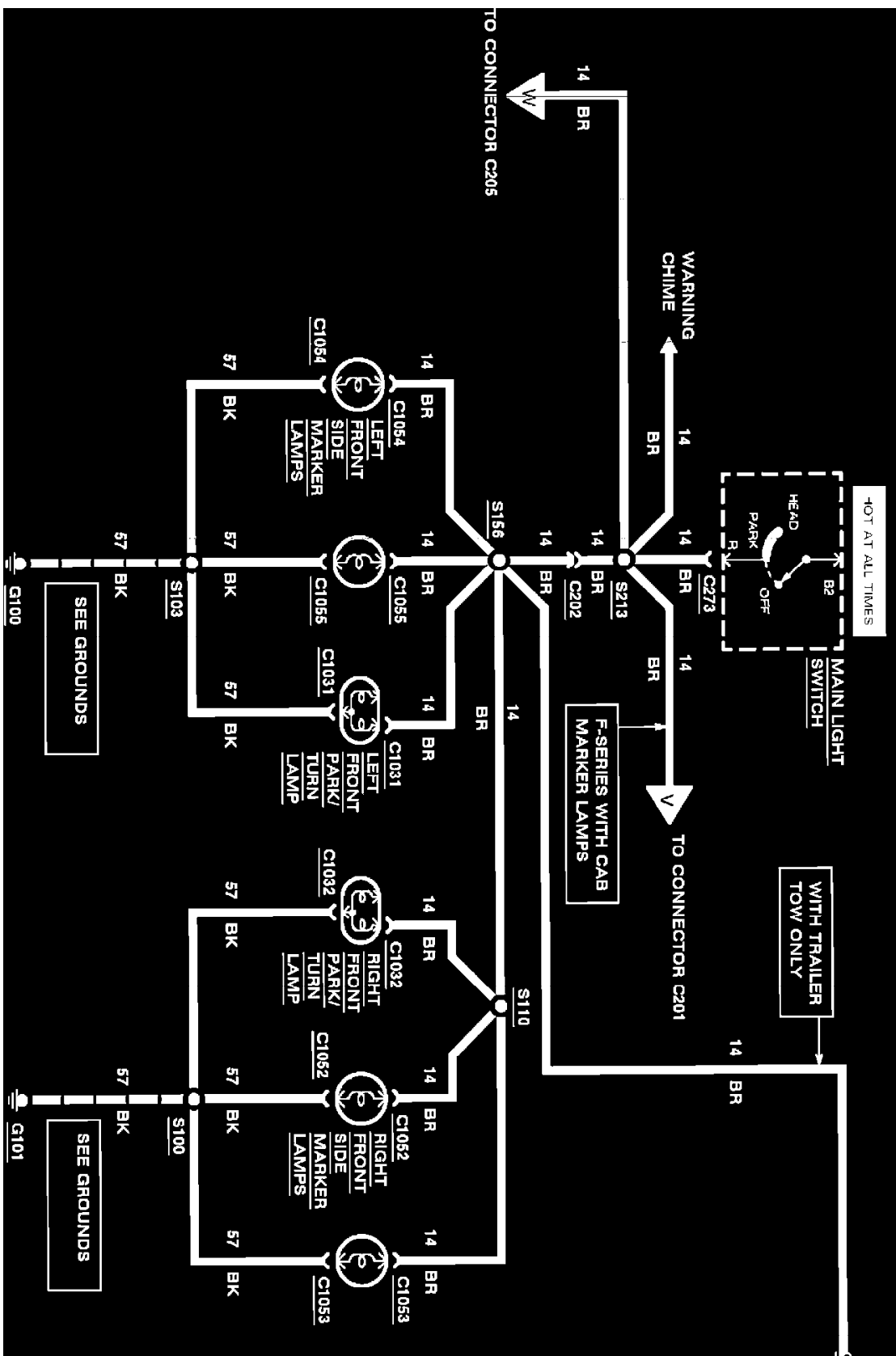




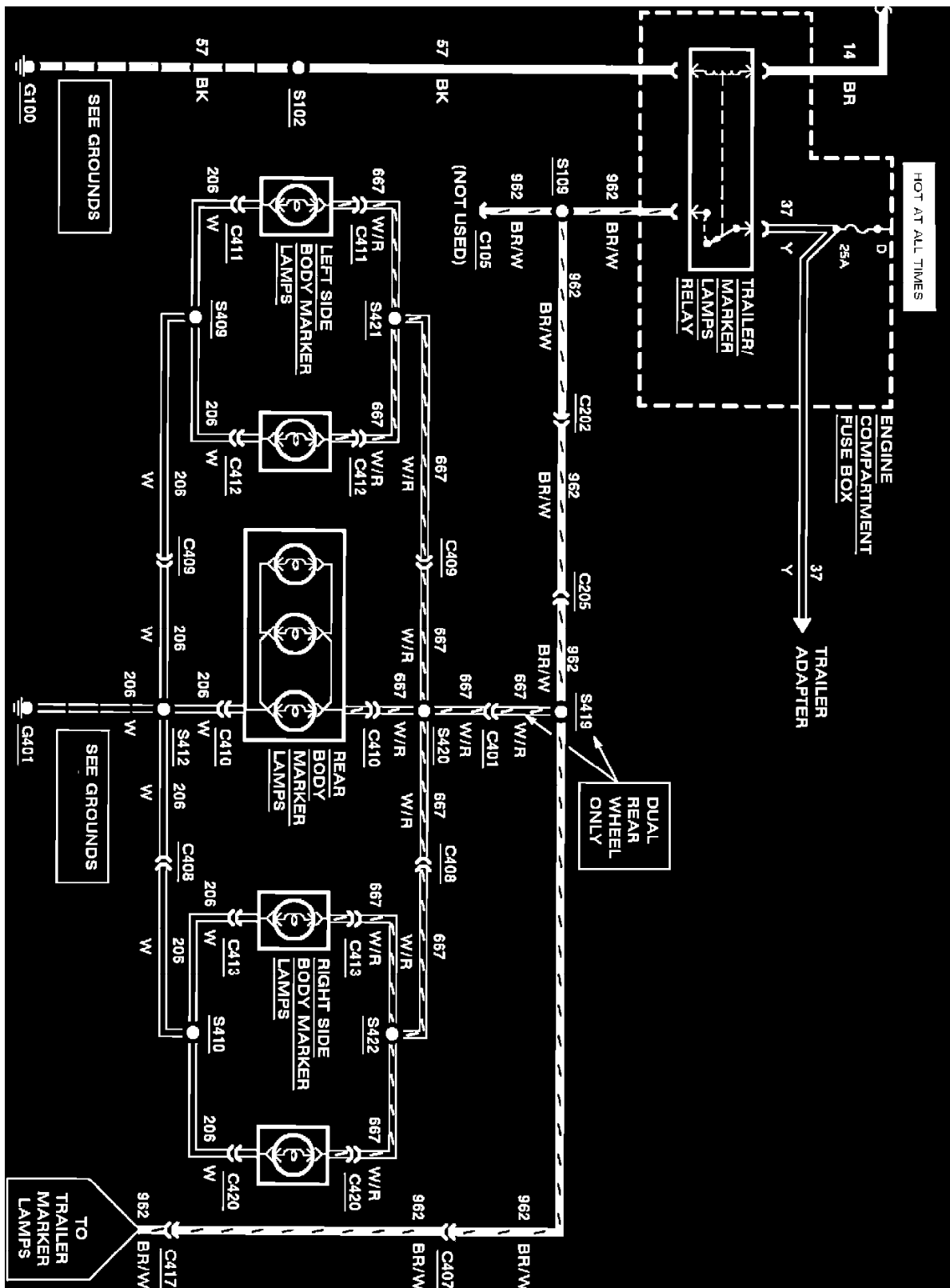
Warning Indicators



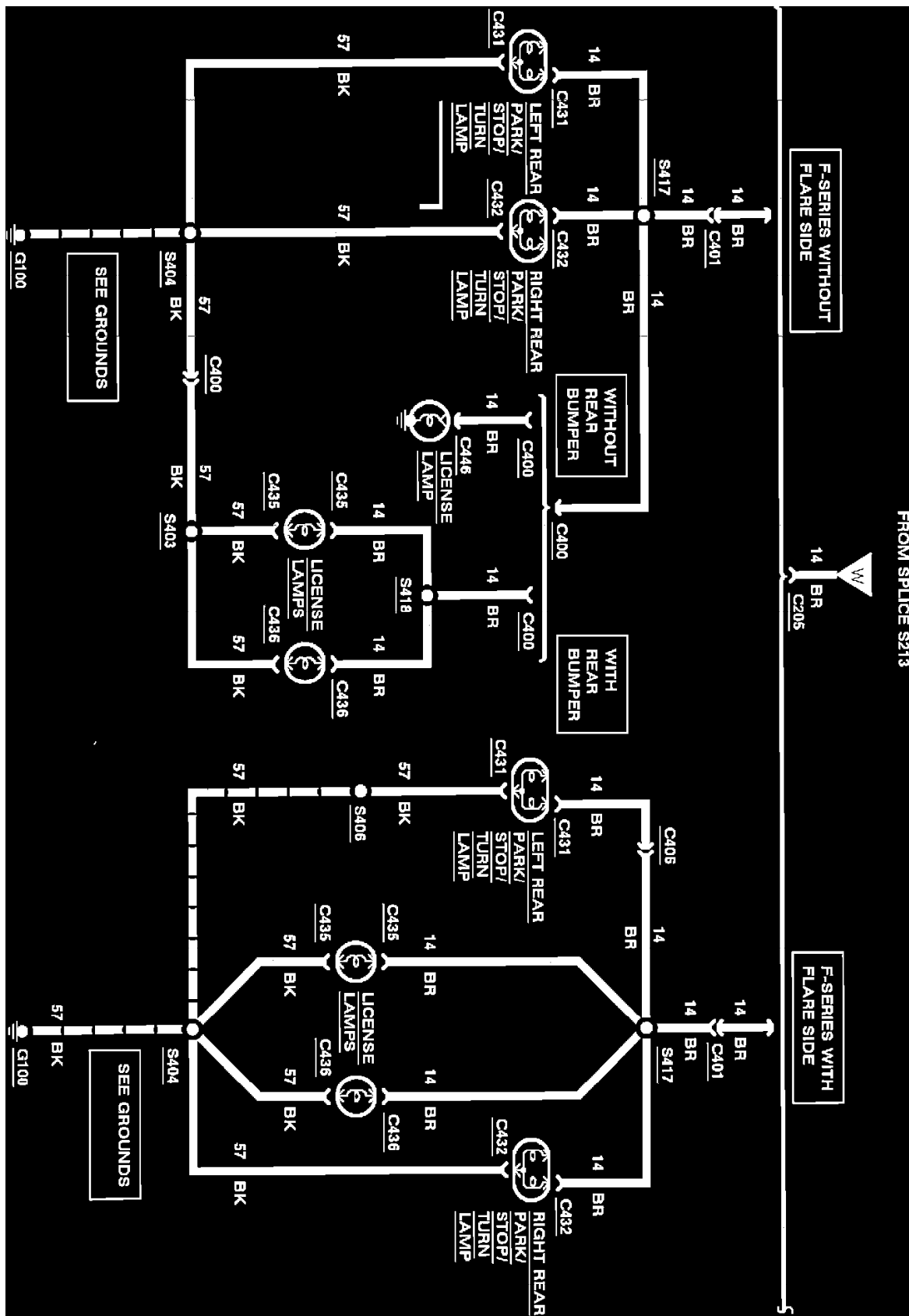
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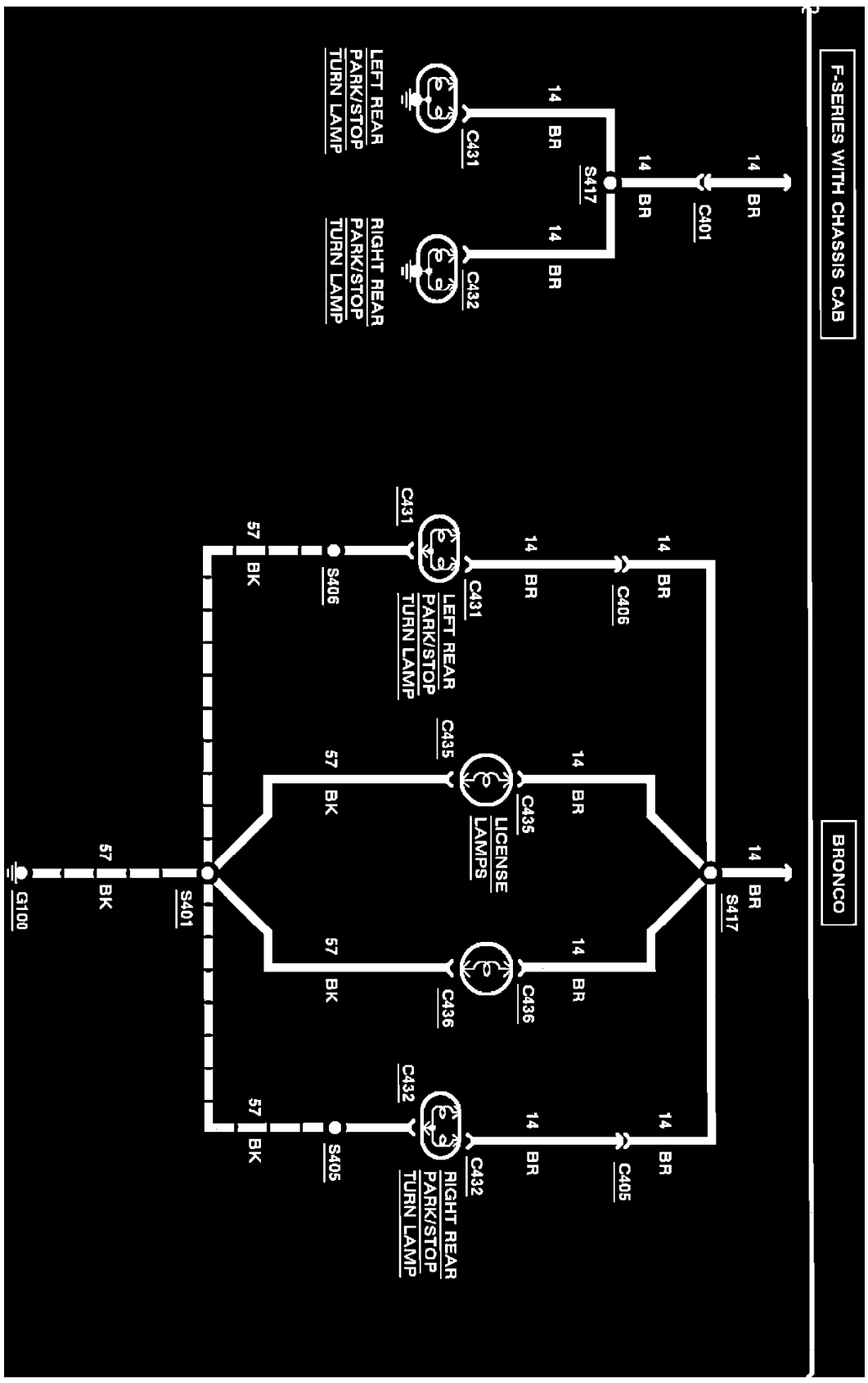
Exterior Lamps



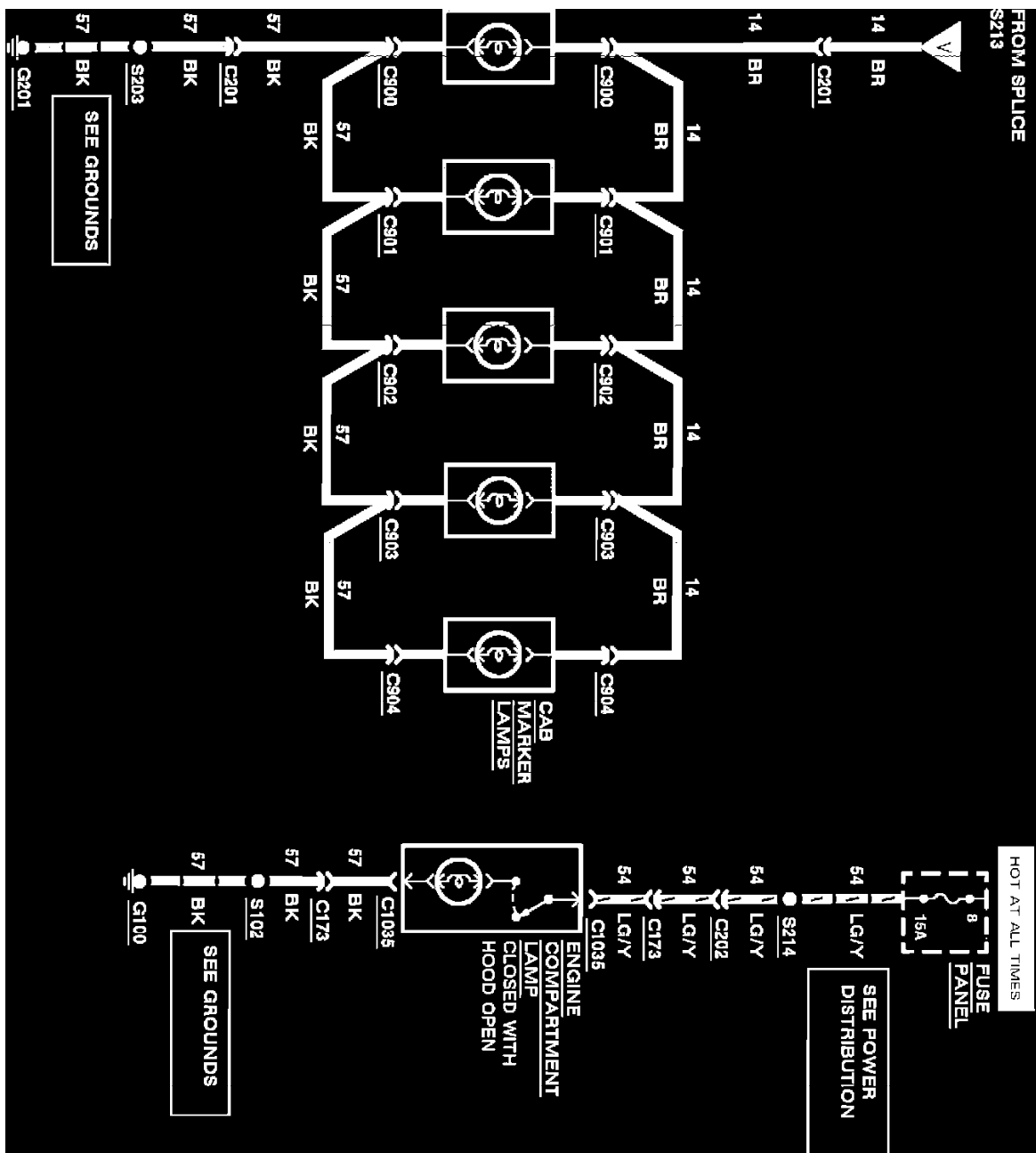
Exterior Lamps



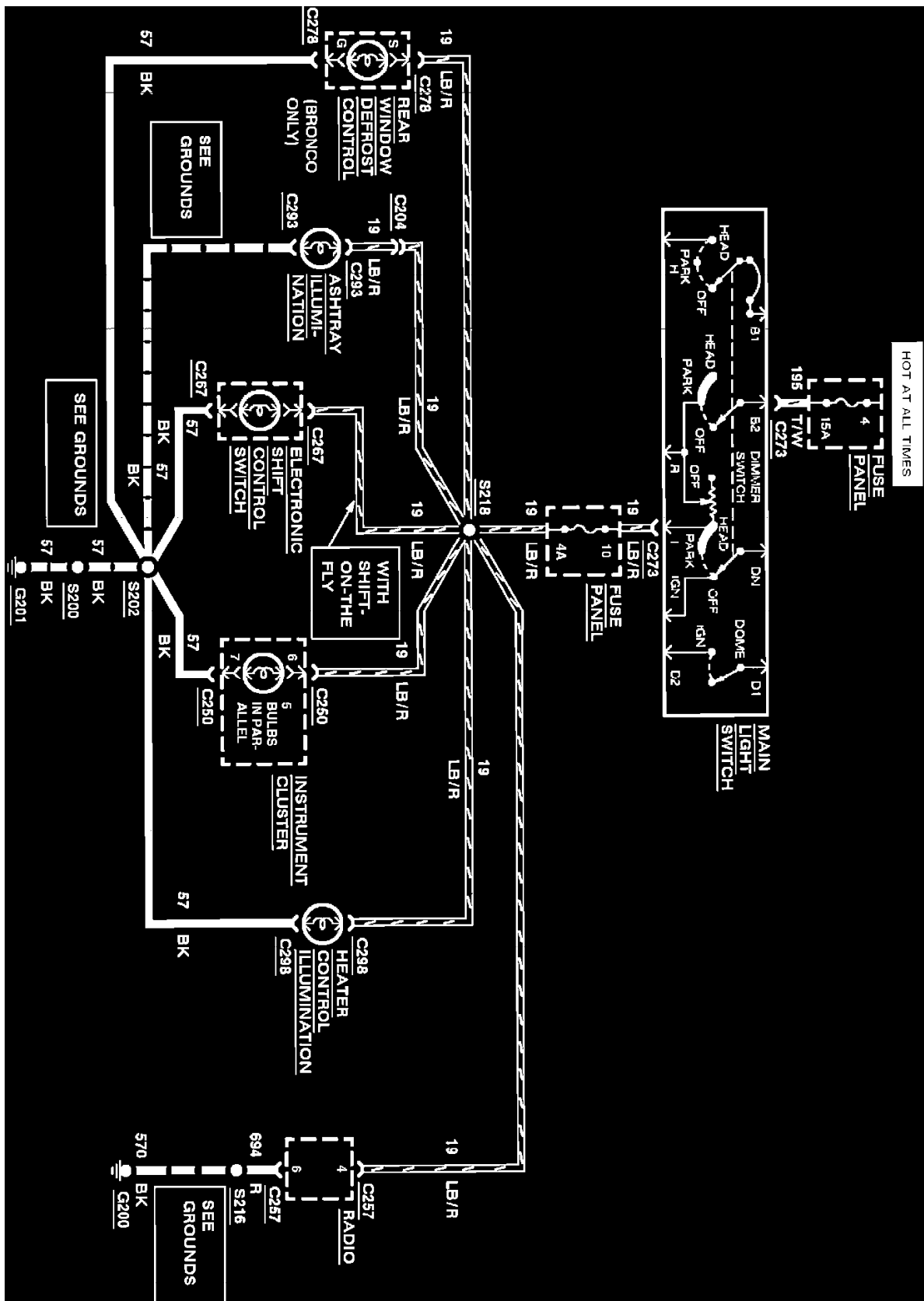
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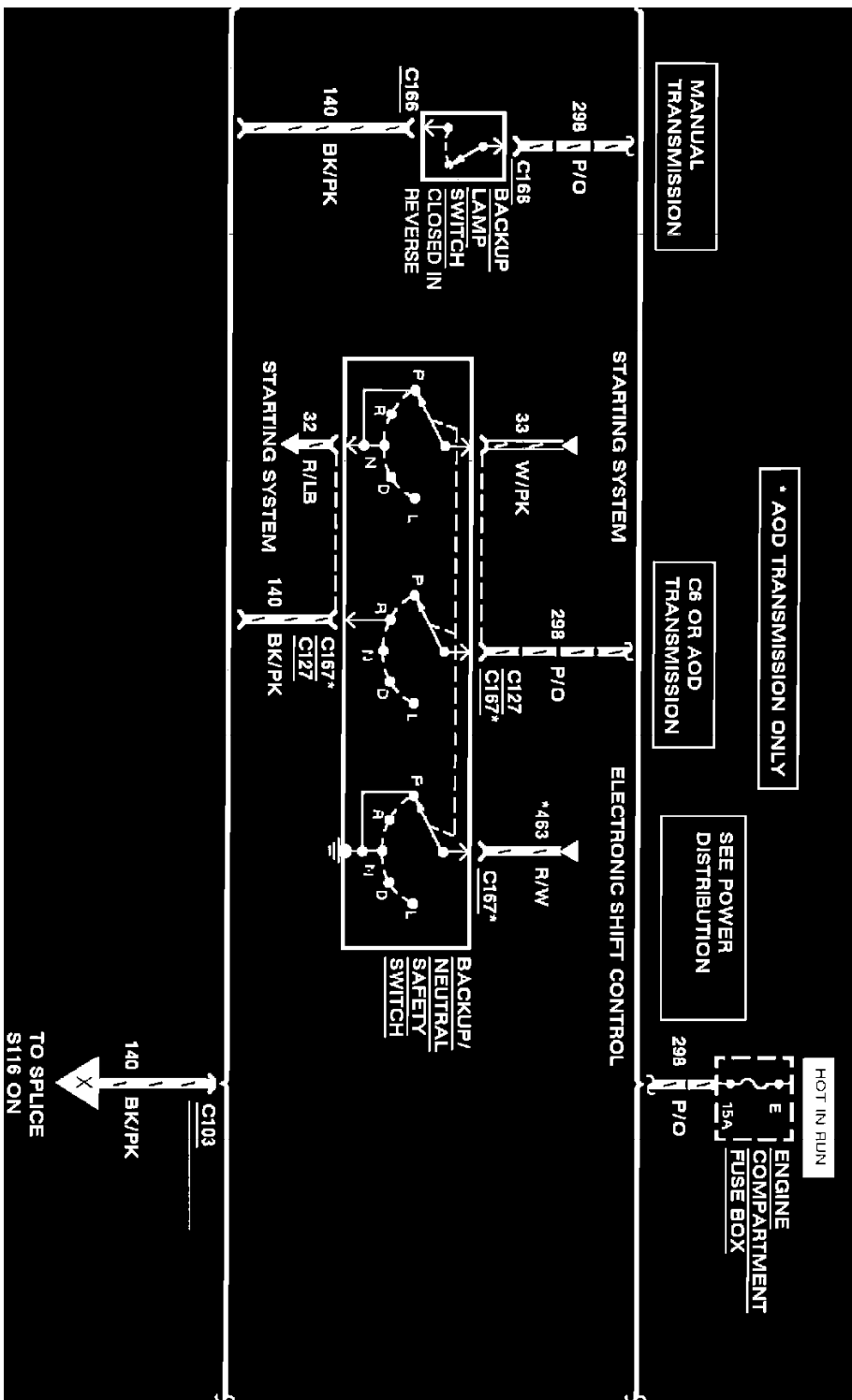
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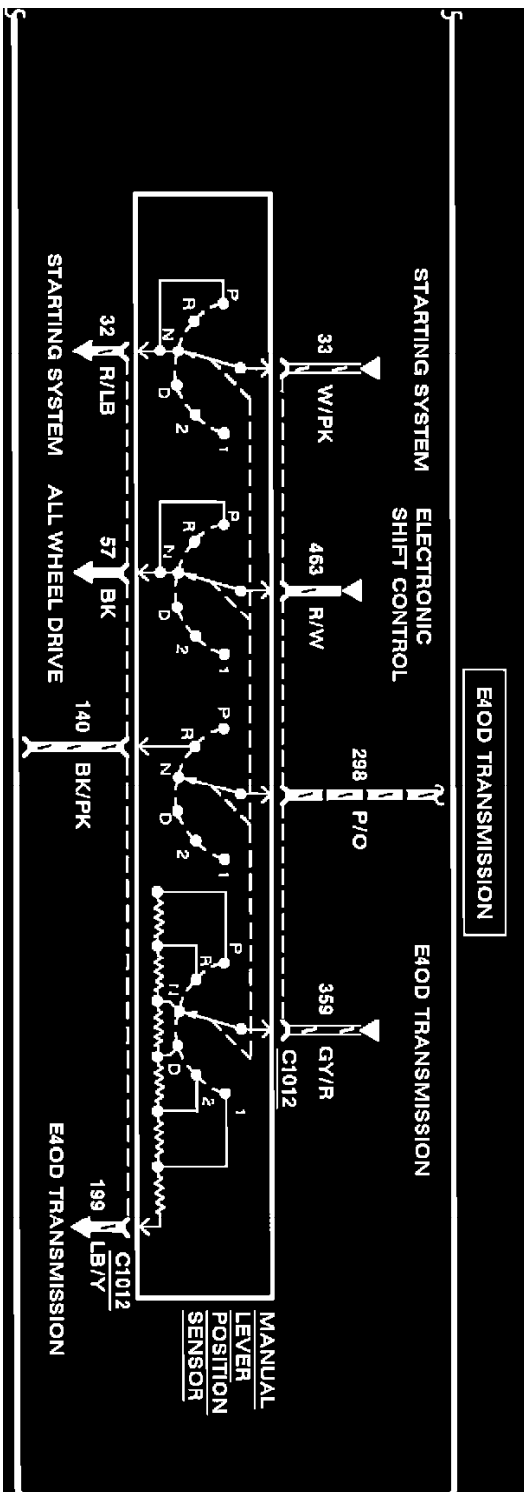
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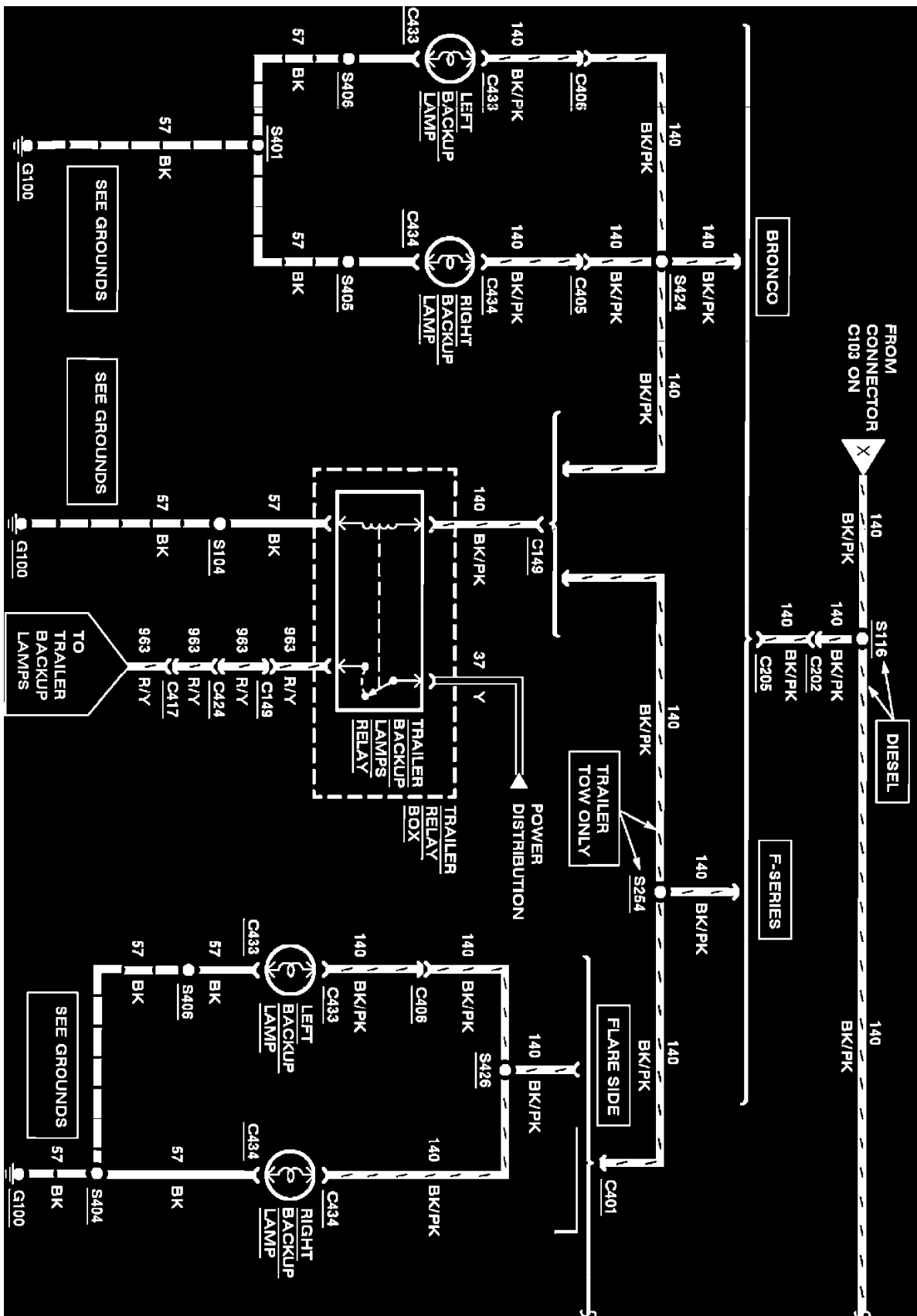
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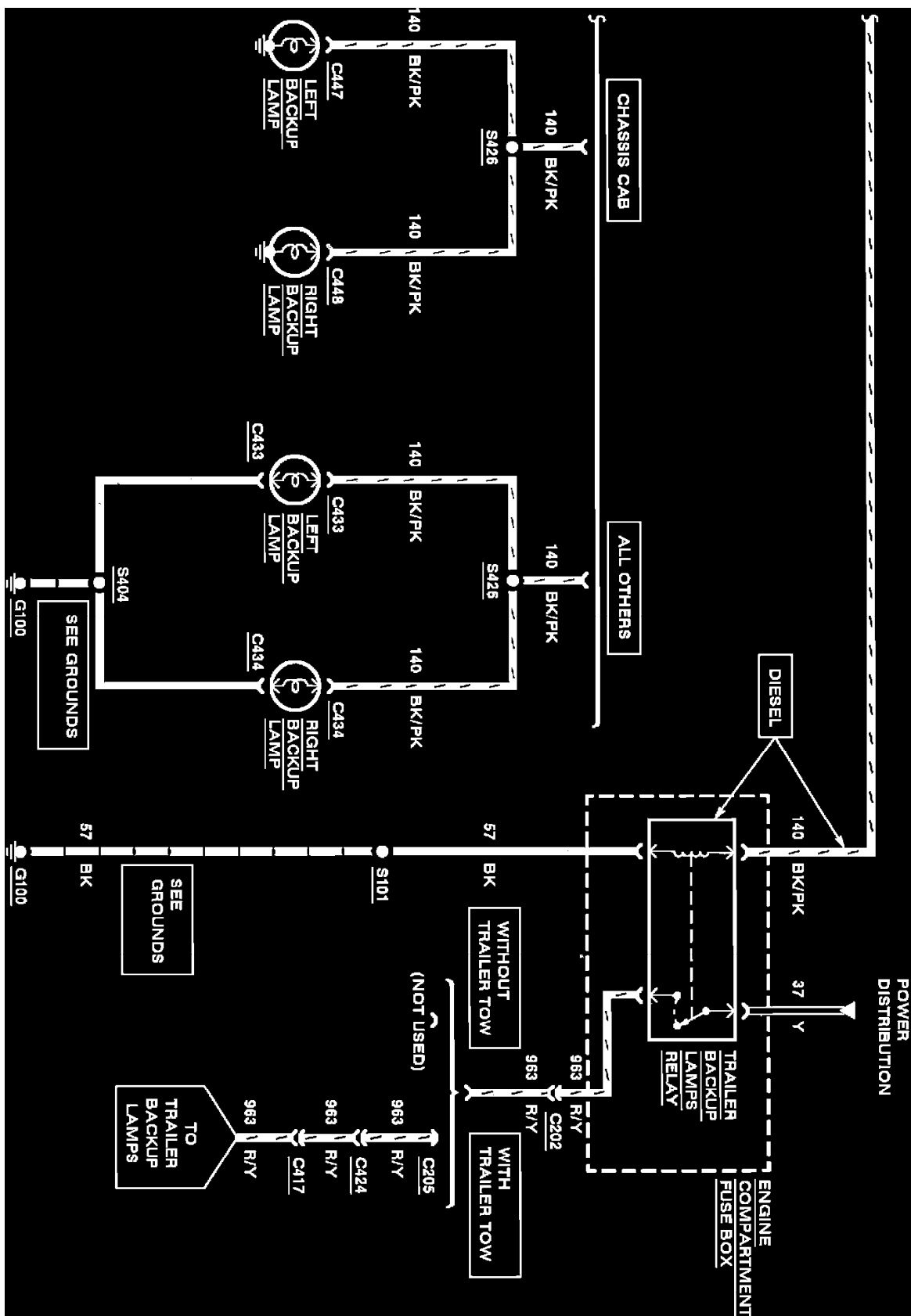
Backup Lamps



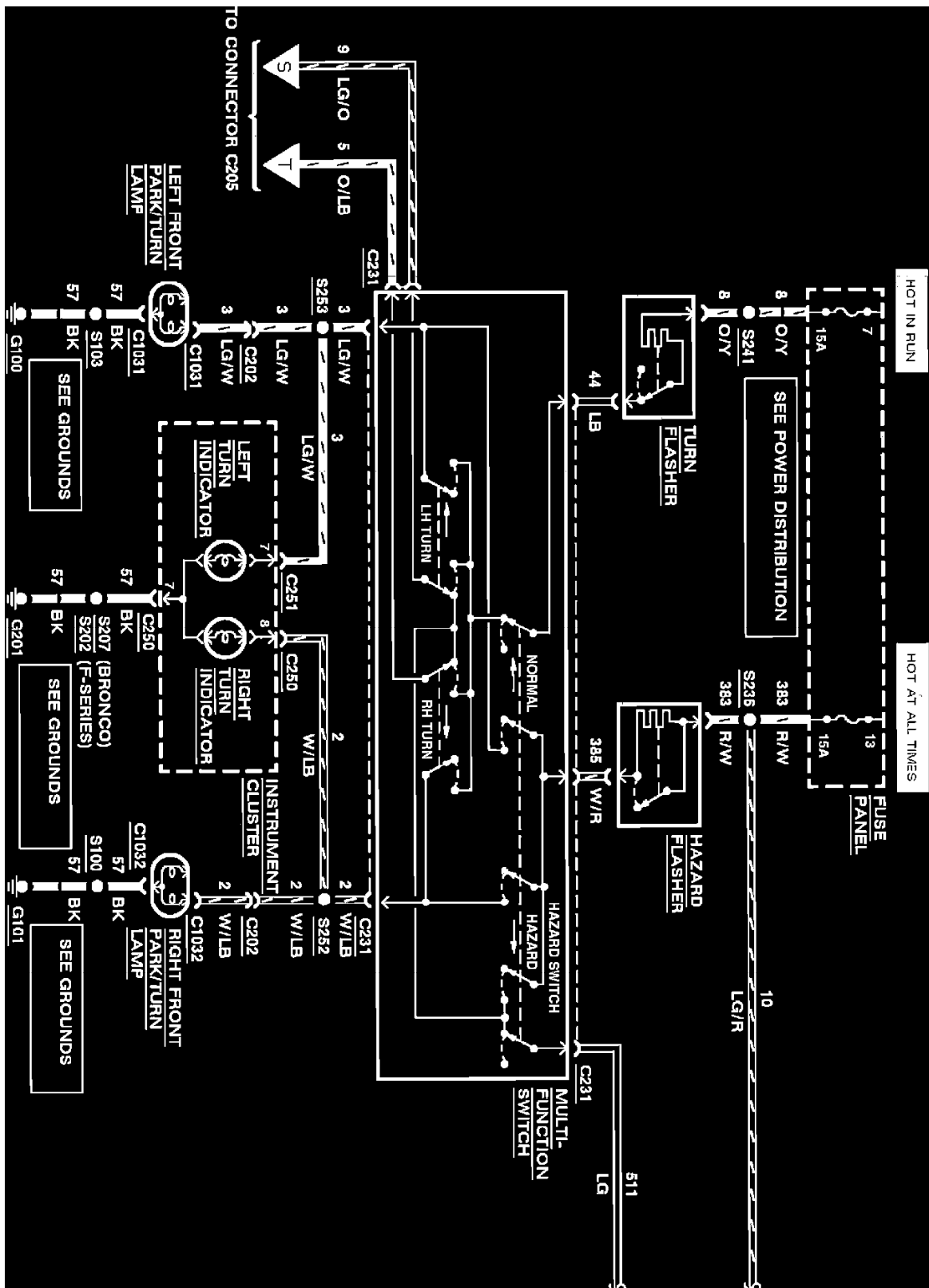
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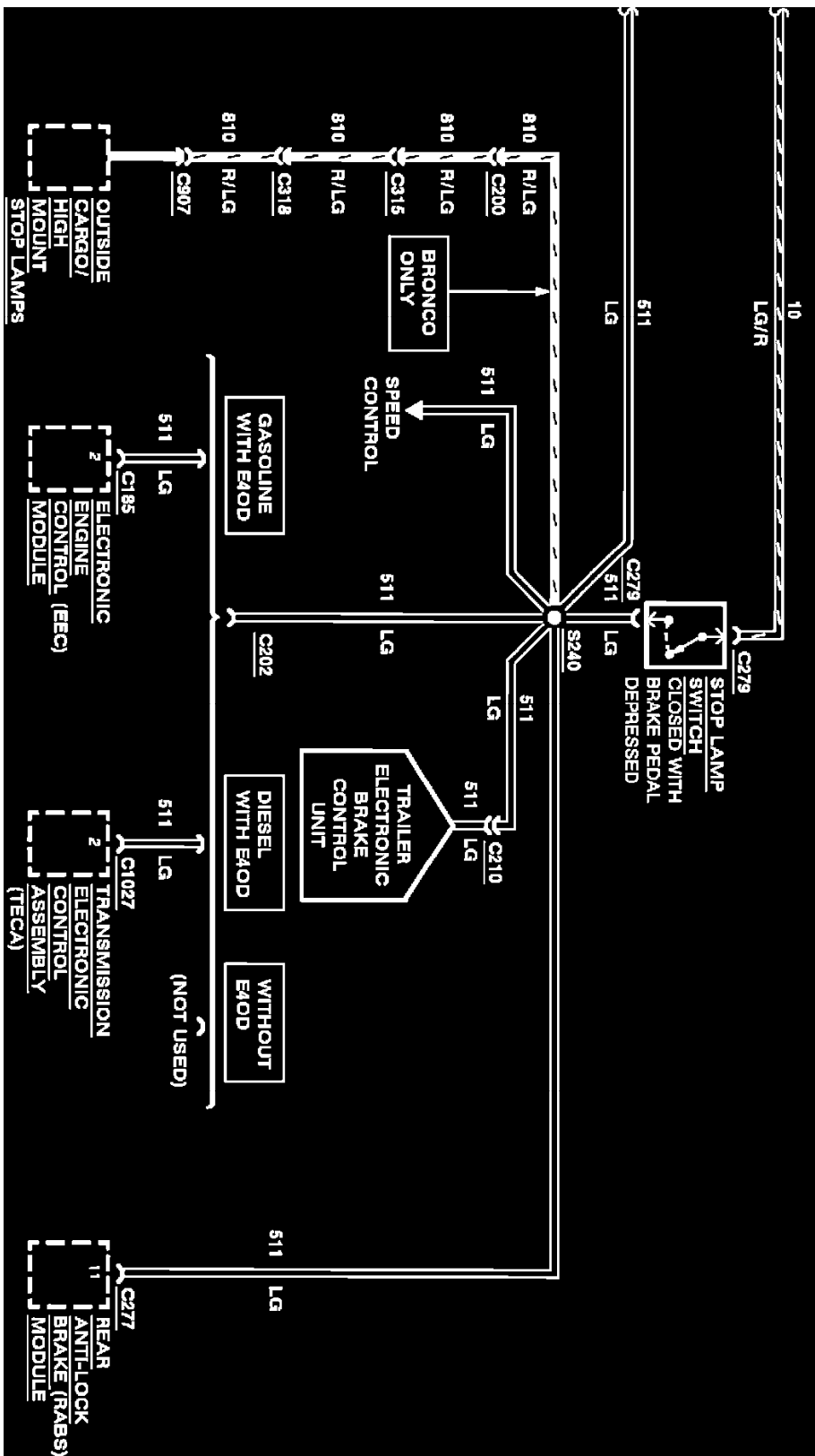
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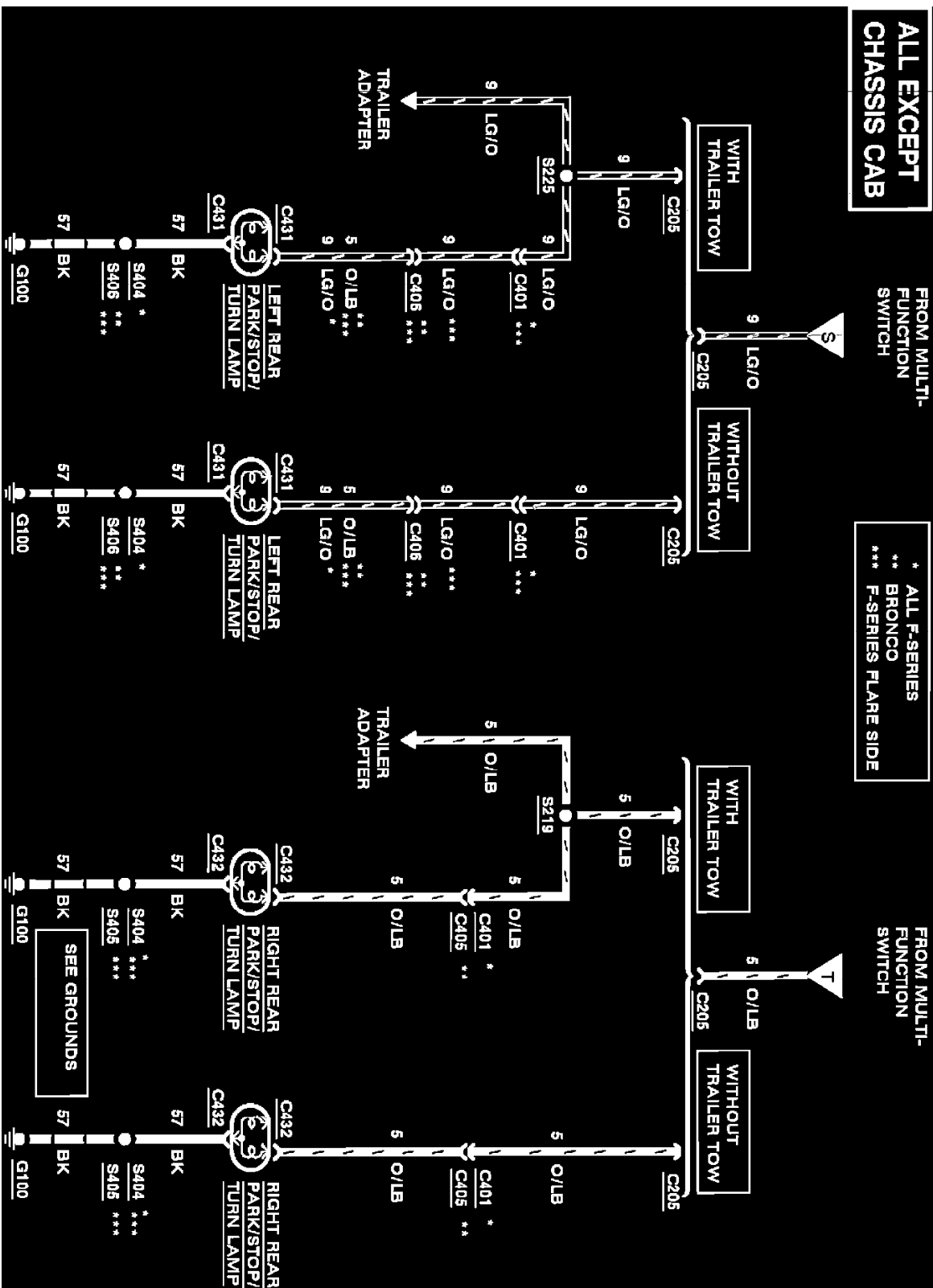
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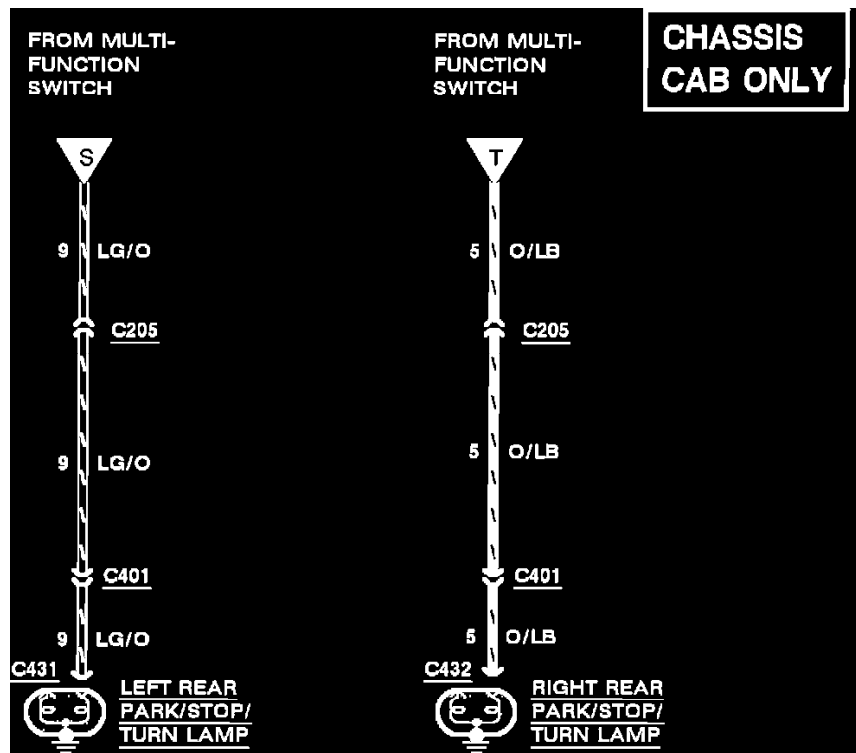
Turn Lamps



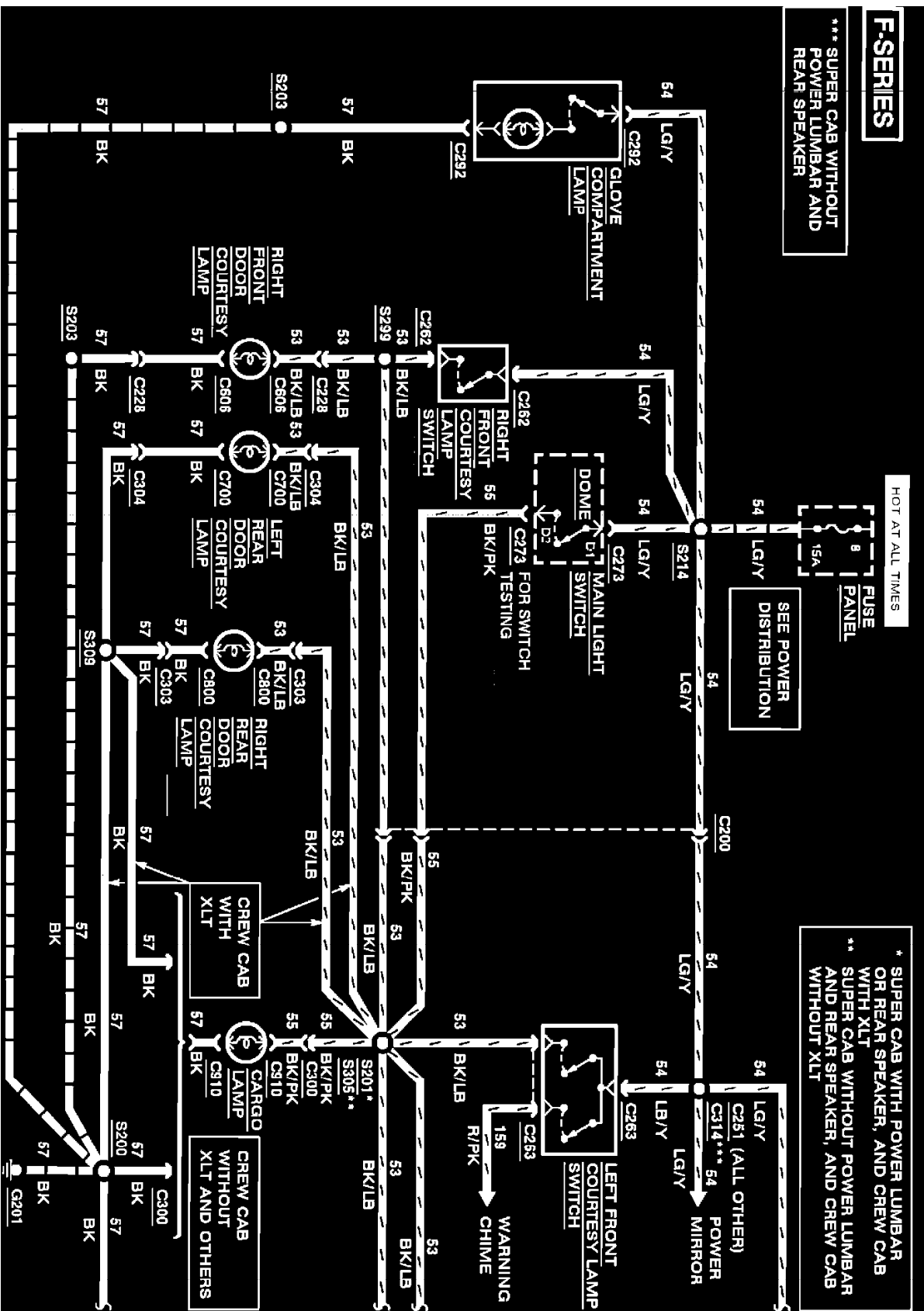
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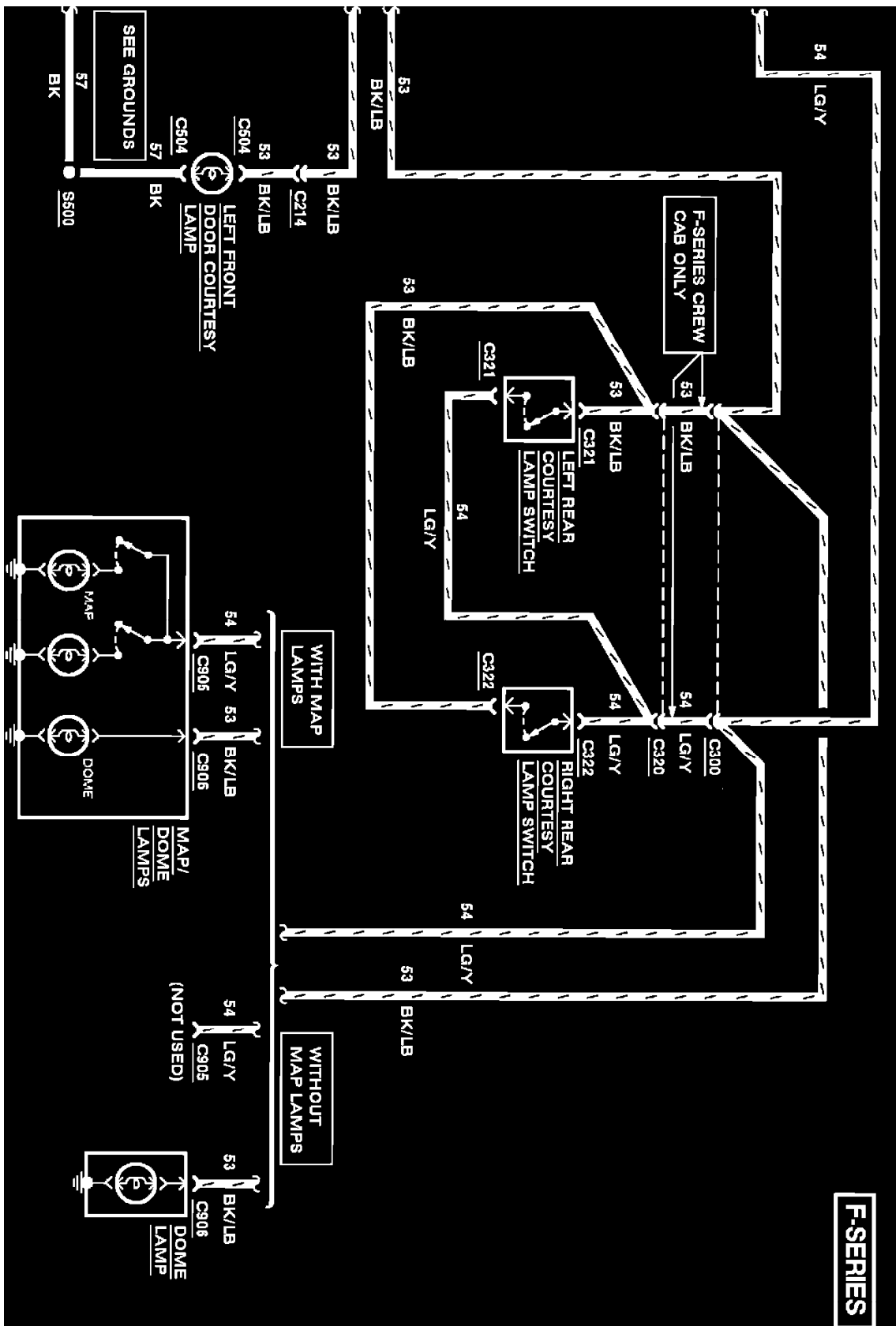
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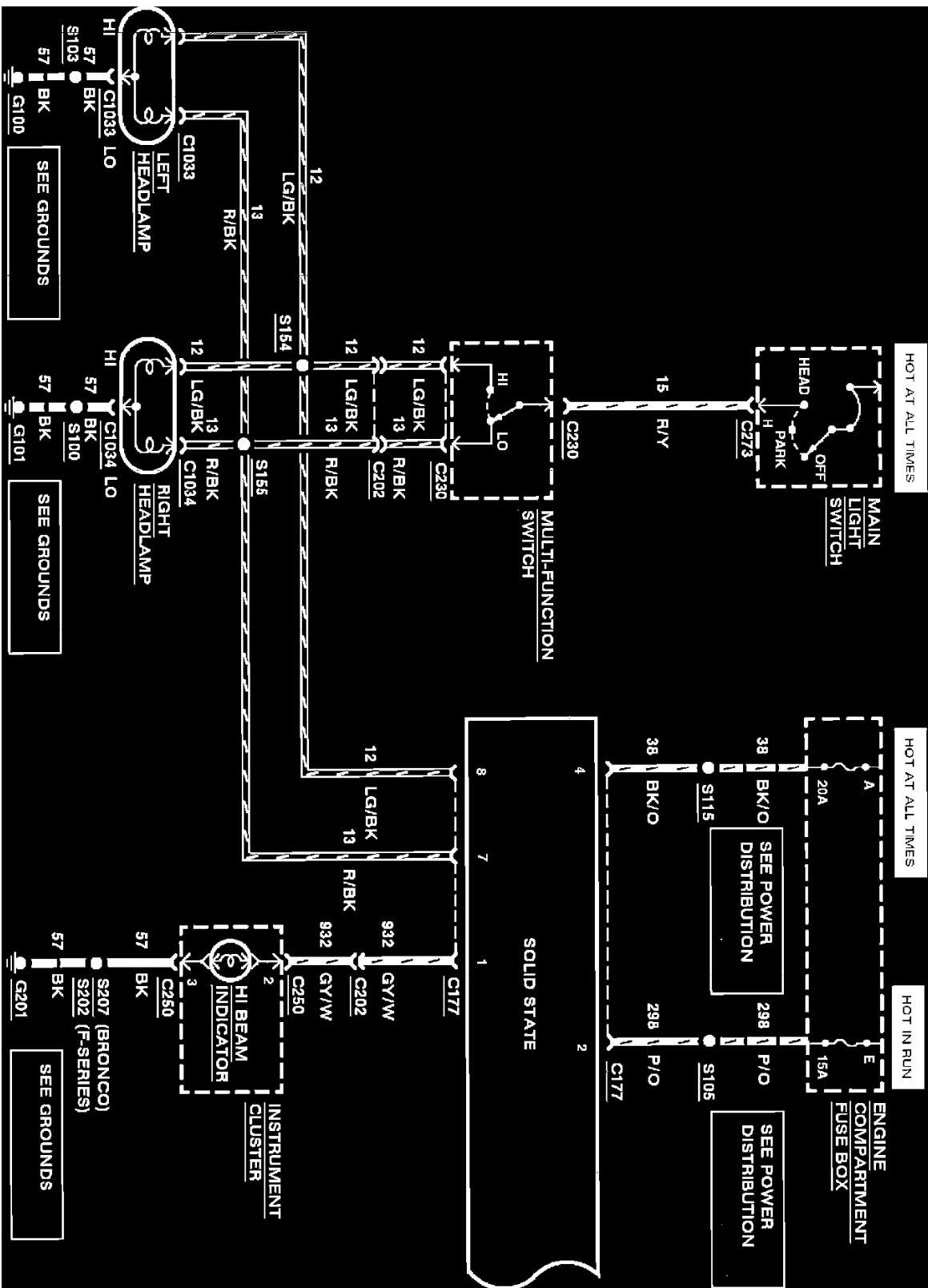
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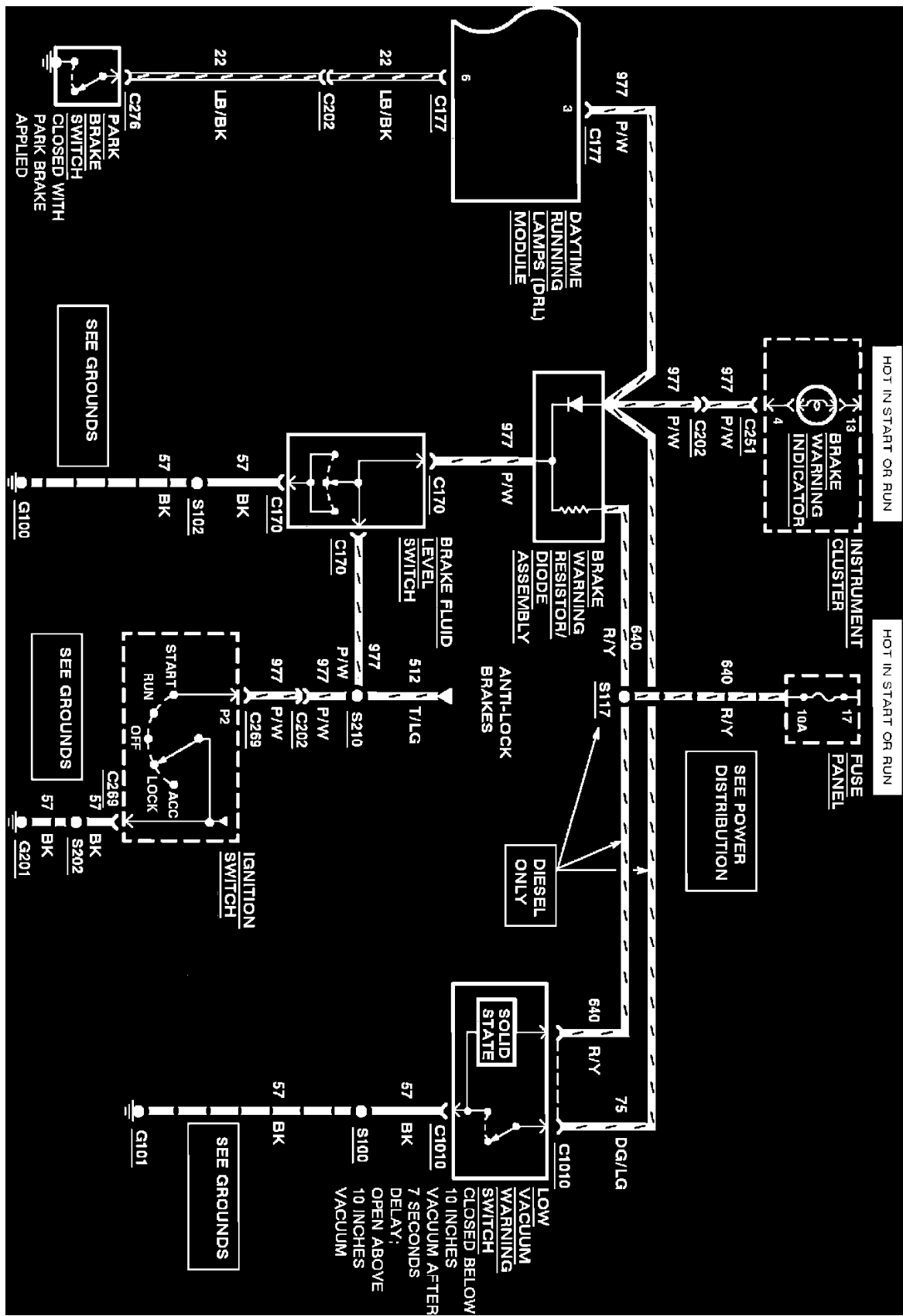
Courtesy Lamps



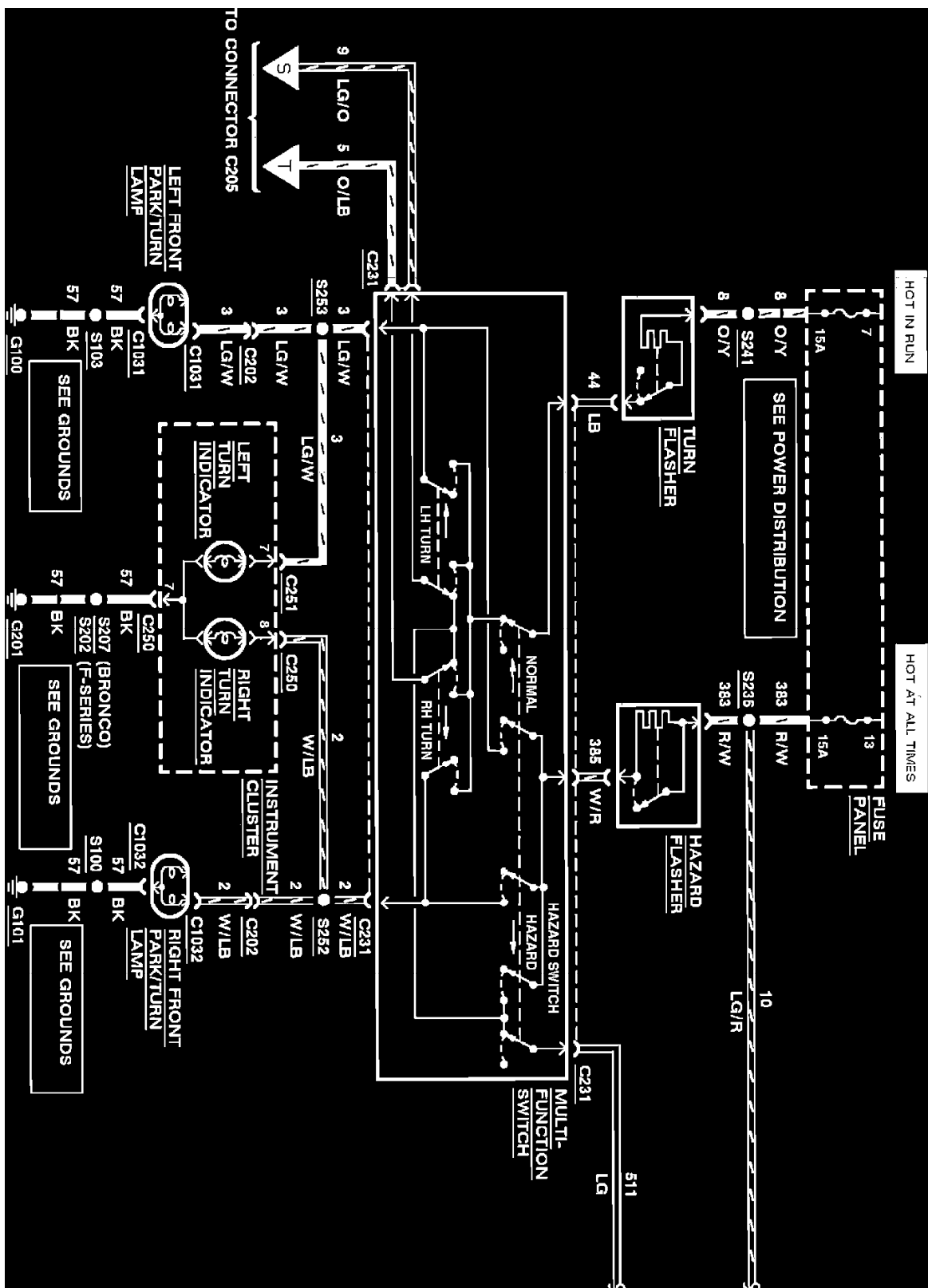
Courtesy Lamps



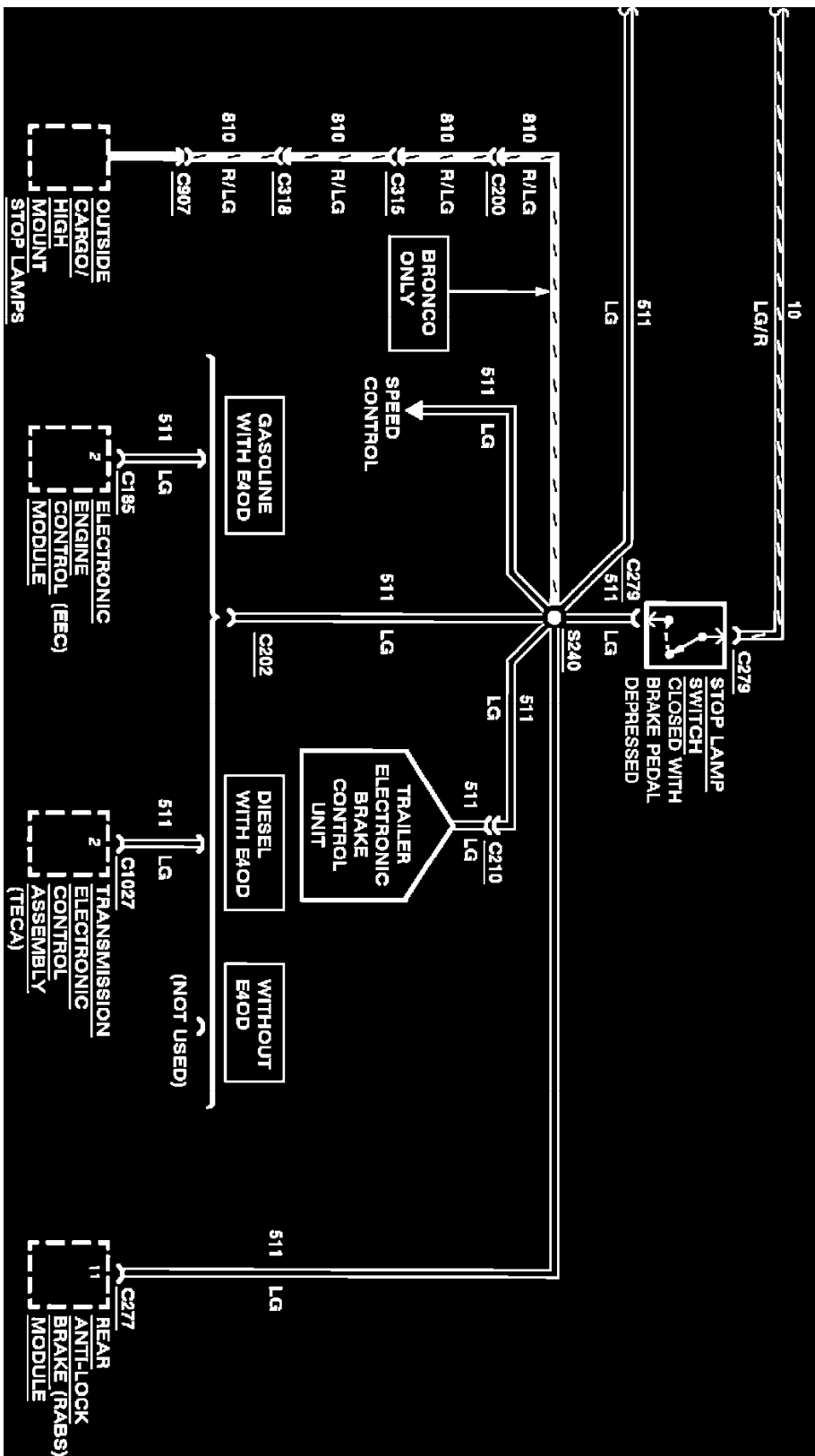
Daytime Running Lamps



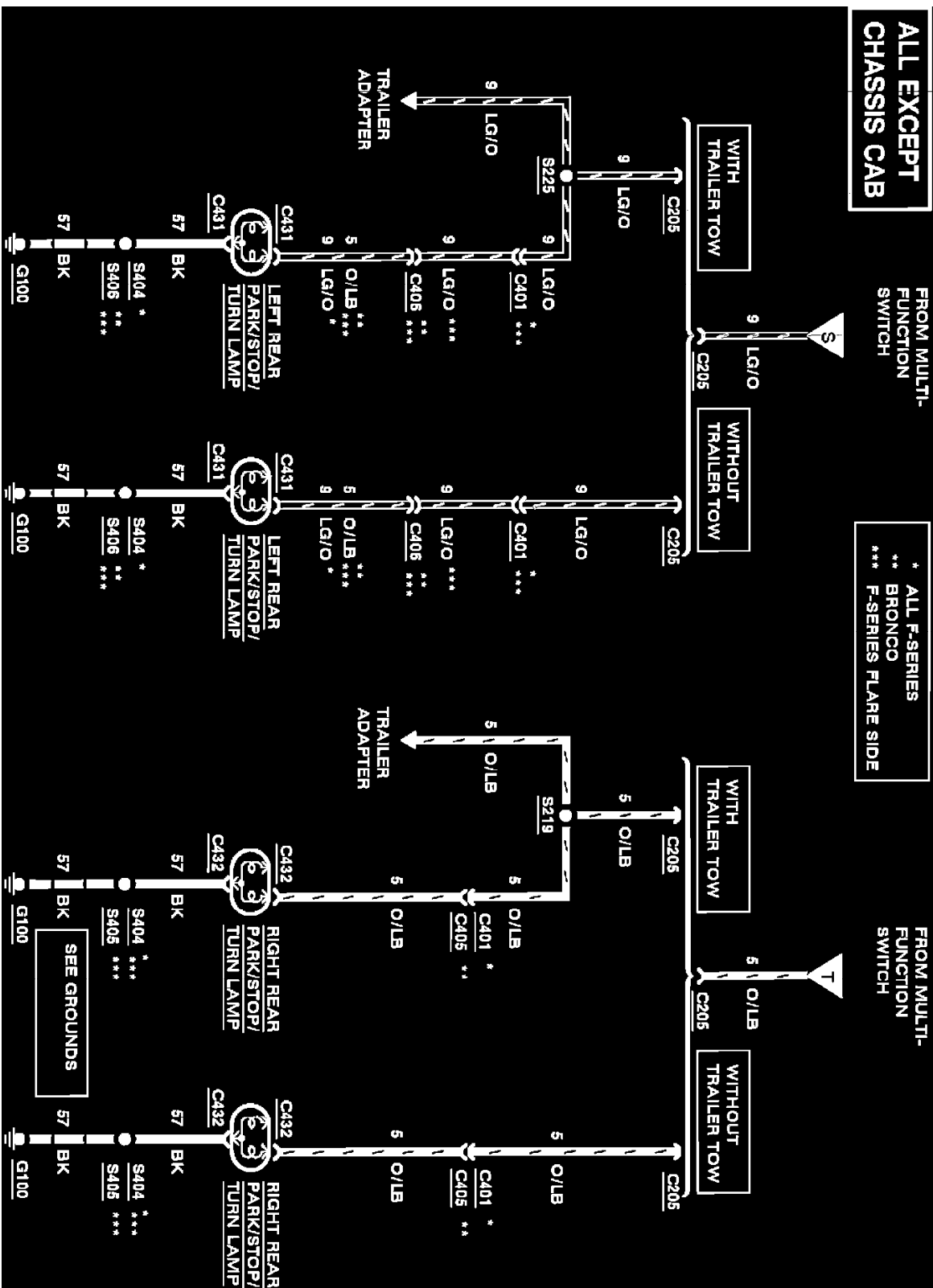
Daytime Running Lamps



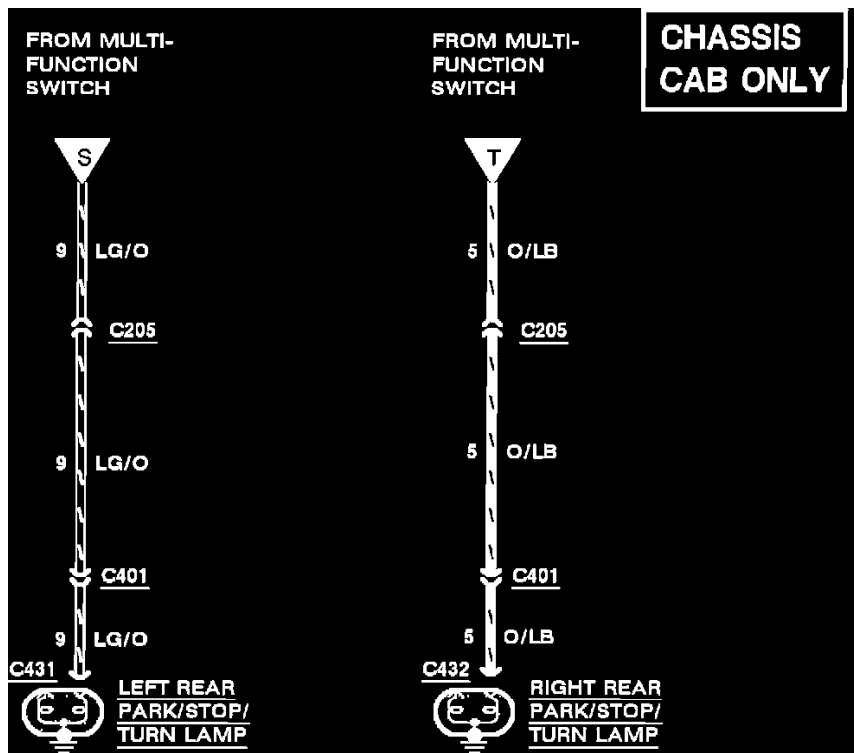
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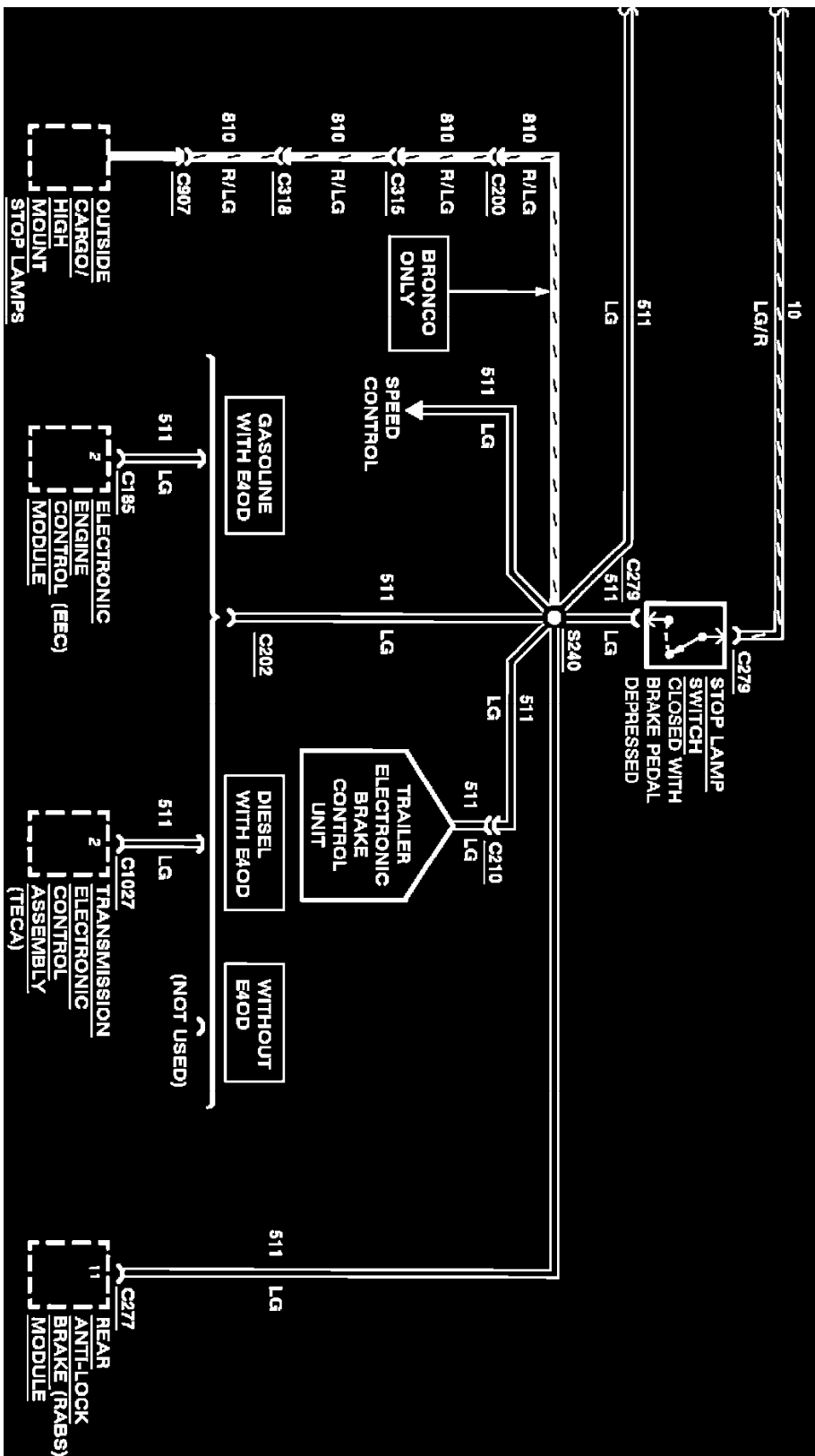
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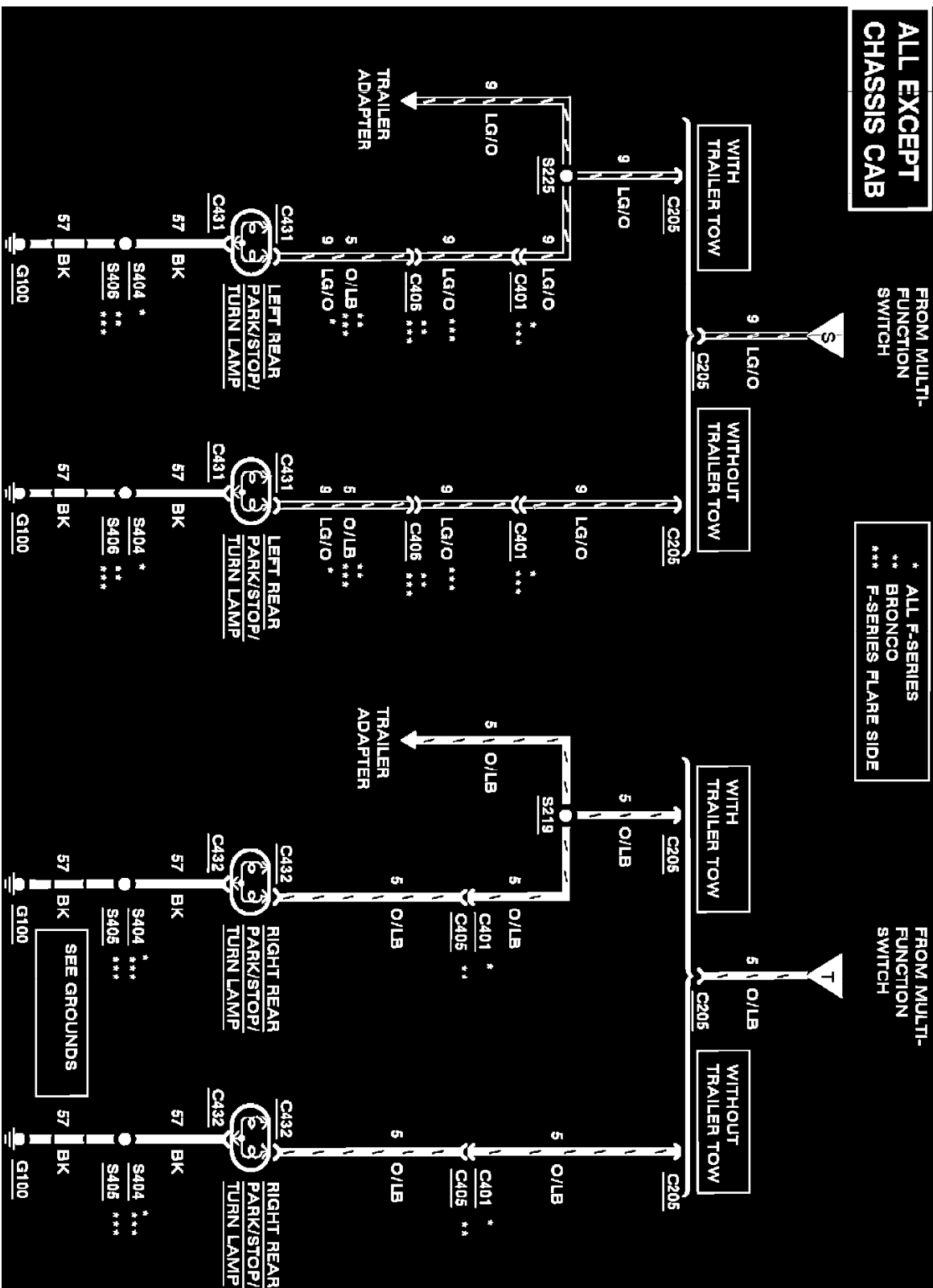
Turn Lamps



Turn Lamps



Turn Lamps



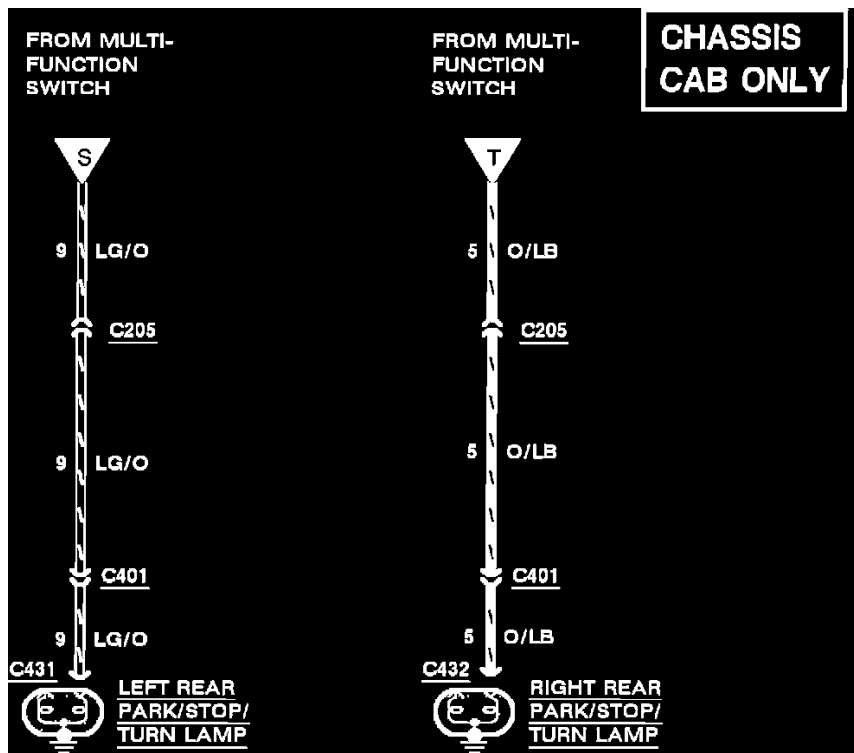
ALL EXCEPT CHASSIS CAB

FROM MULTI-FUNCTION SWITCH

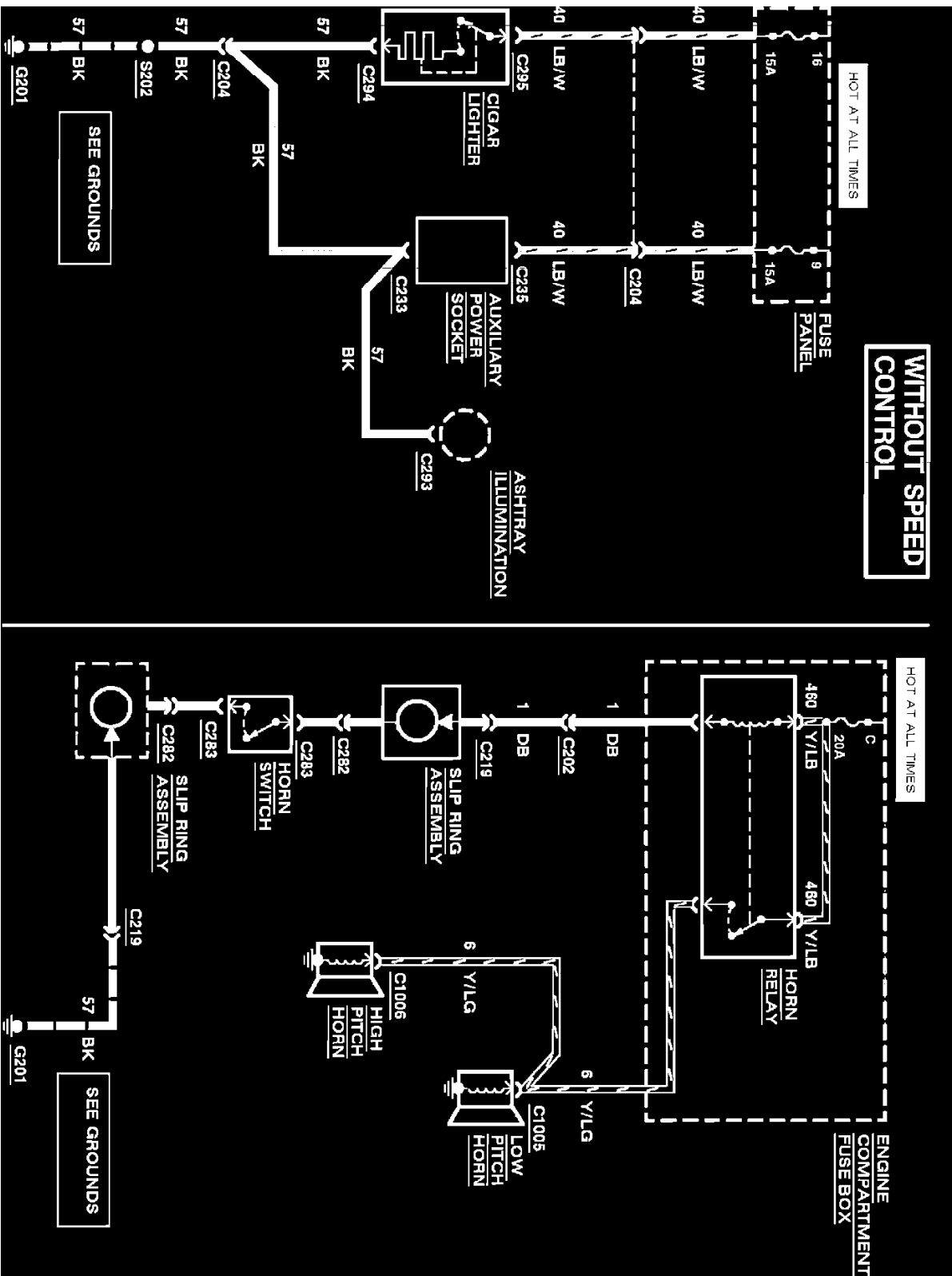
* ALL F-SERIES
** BRONCO
*** F-SERIES FLARE SIDE

FROM MULTI-FUNCTION SWITCH

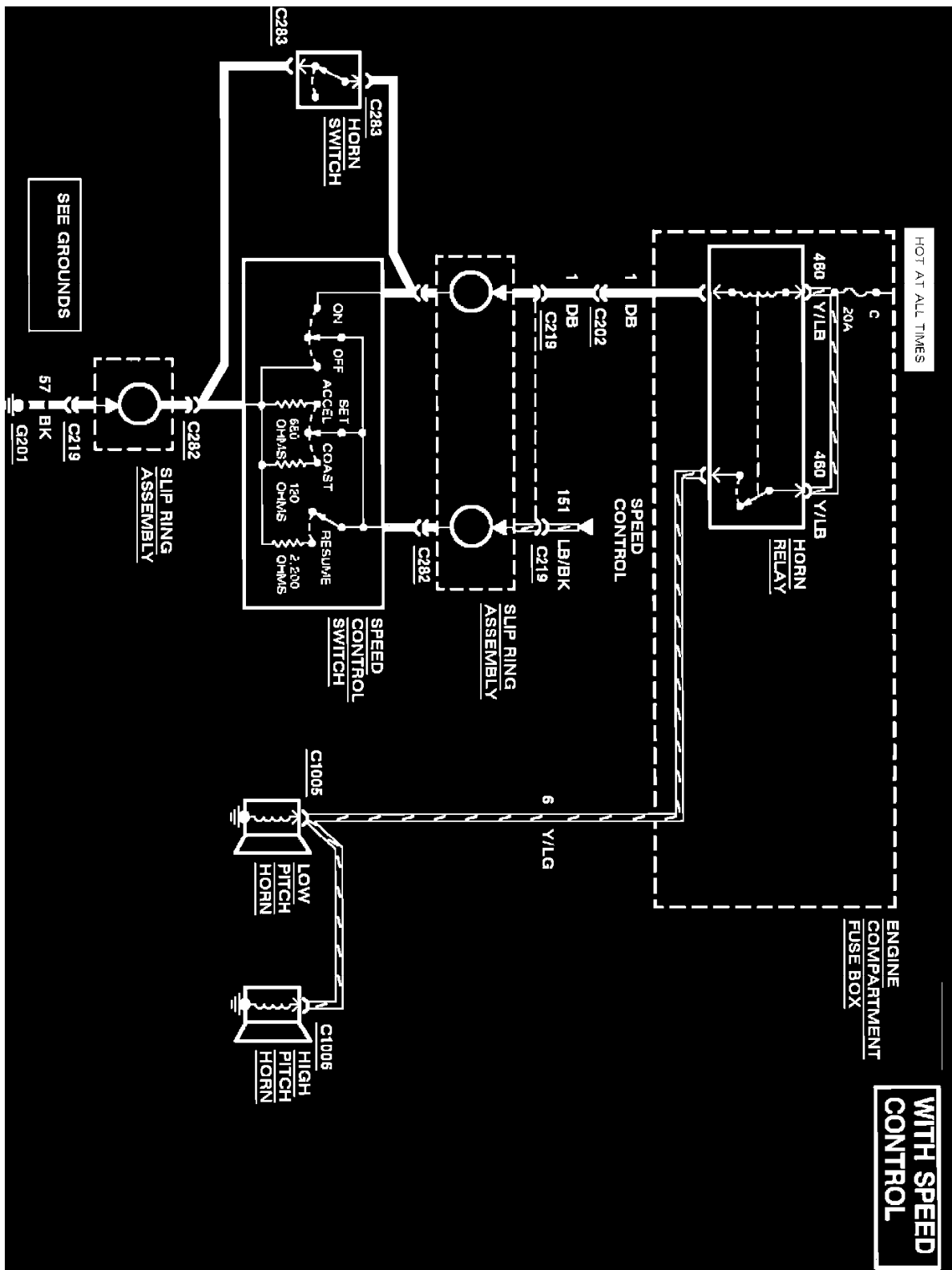
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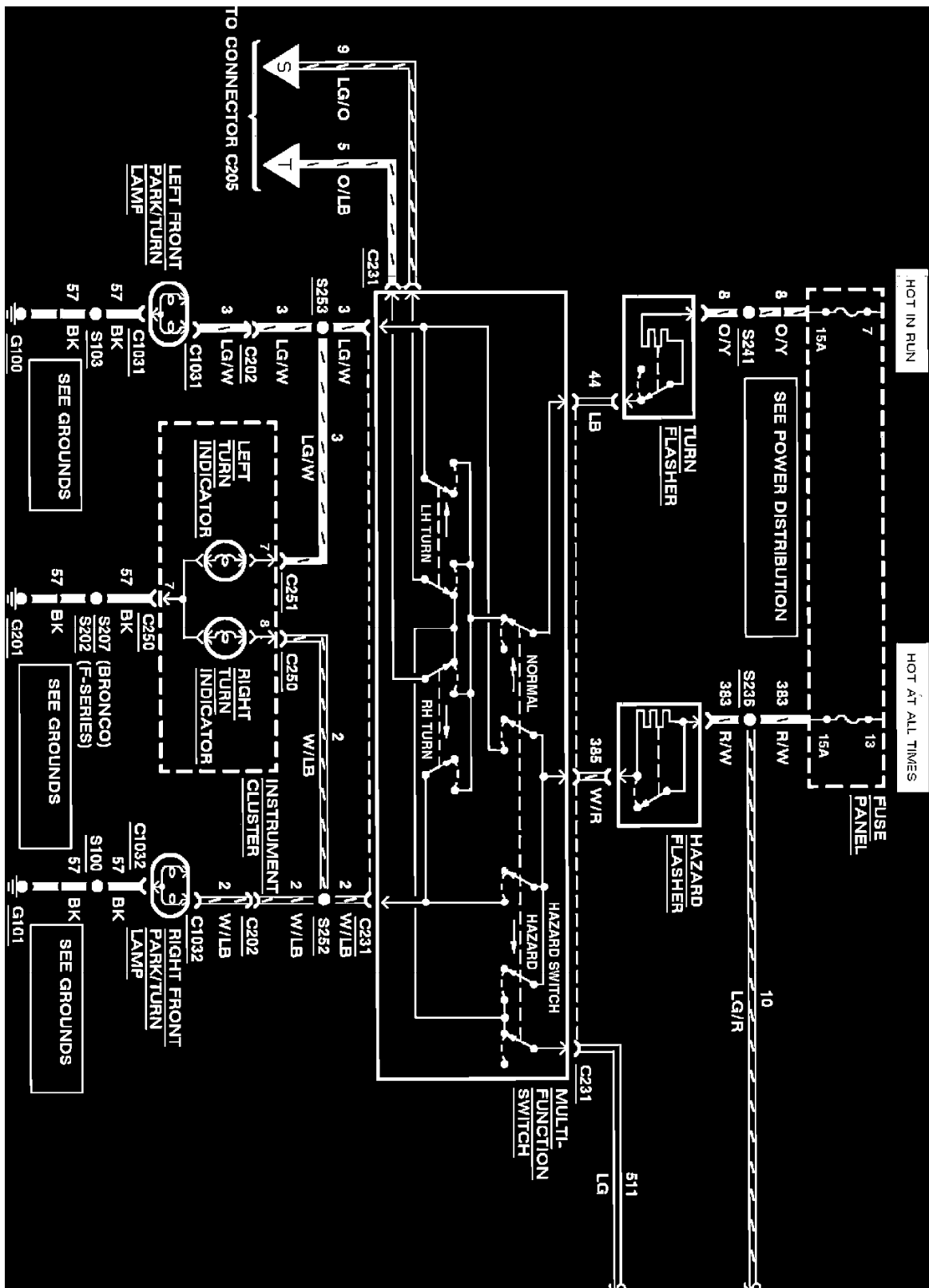
Turn Lamps



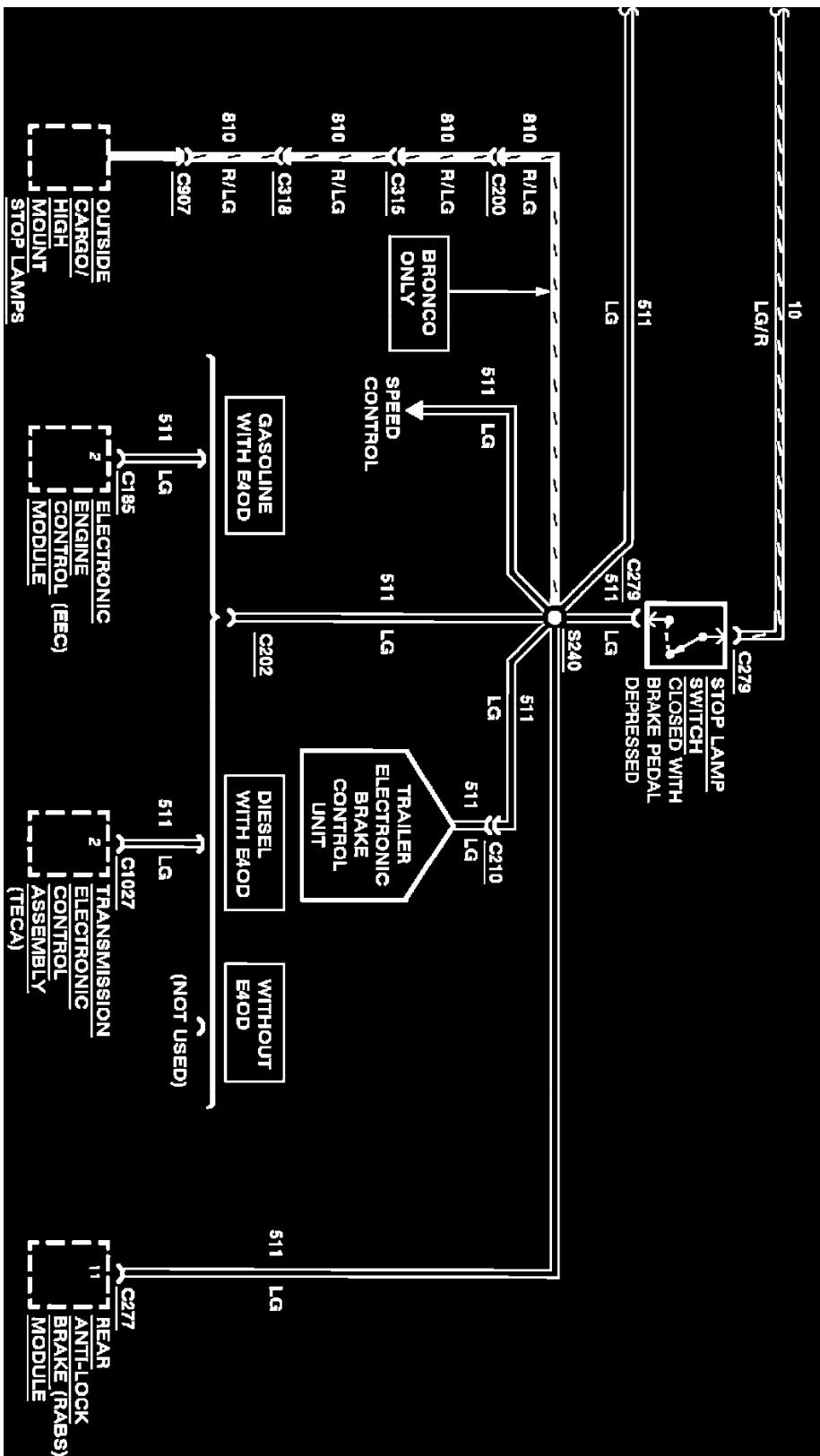
Horn/Cigar Lighter



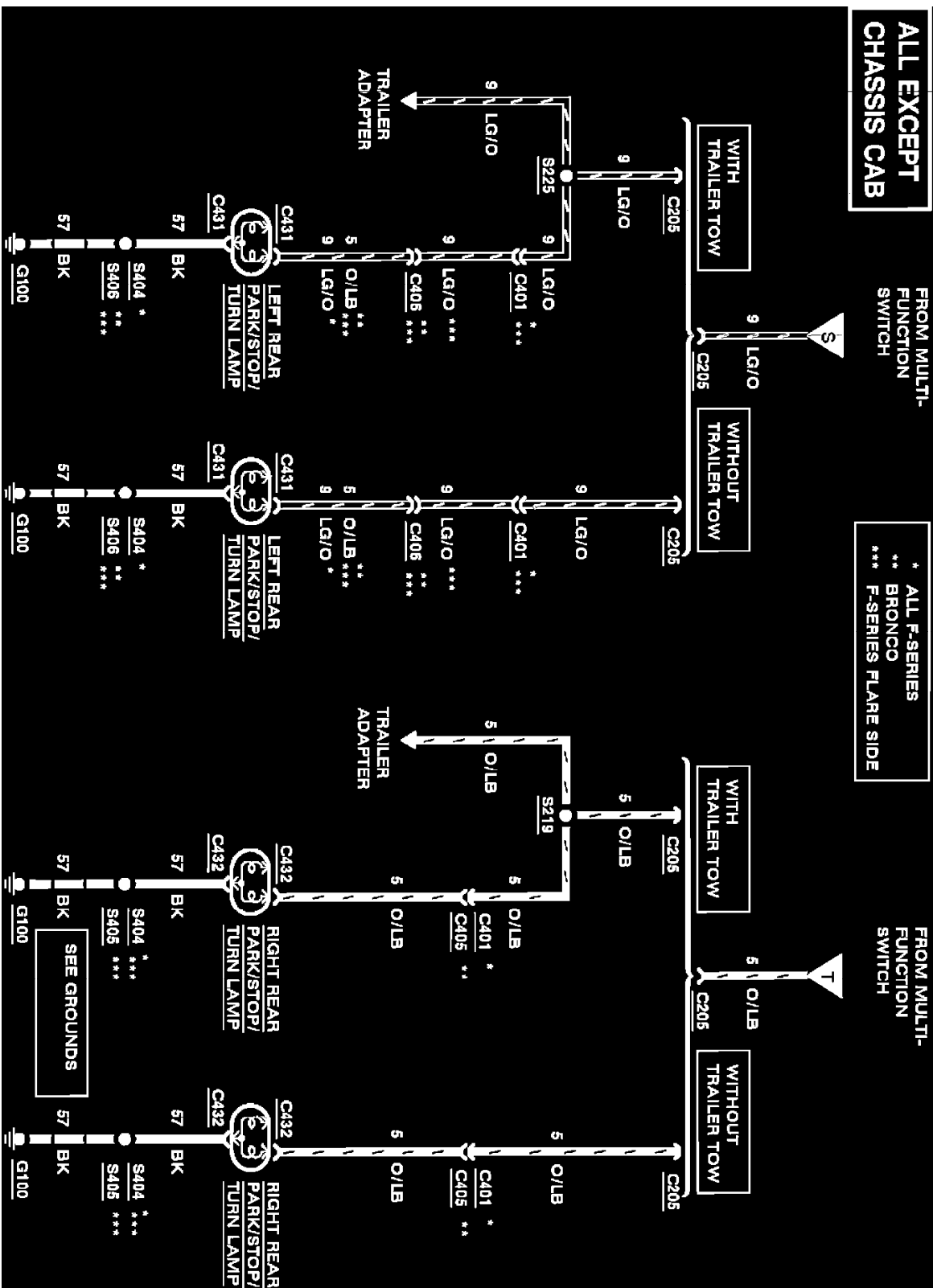
Horn/Cigar Lighter



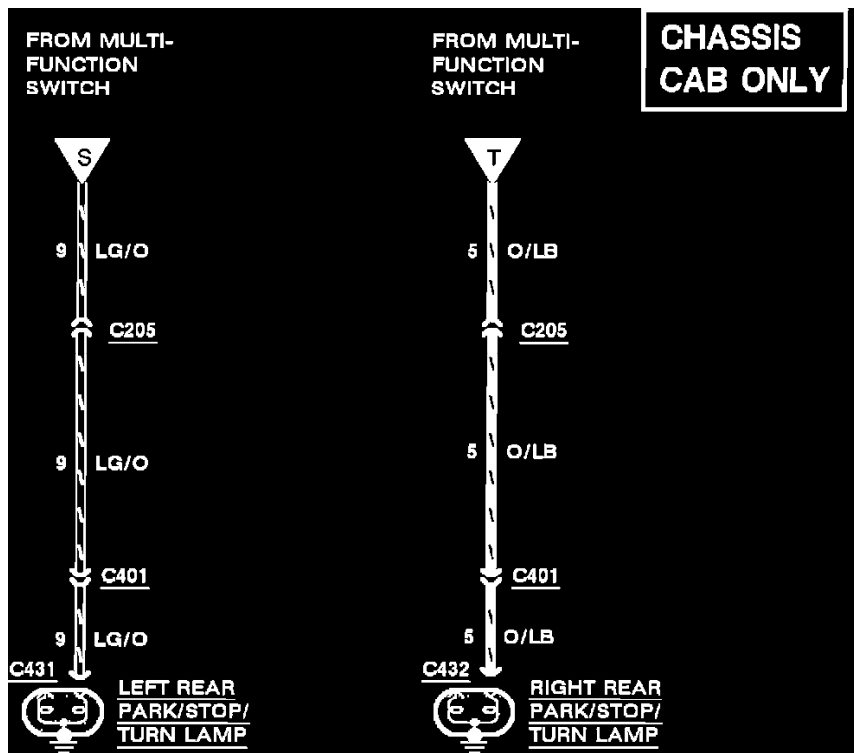
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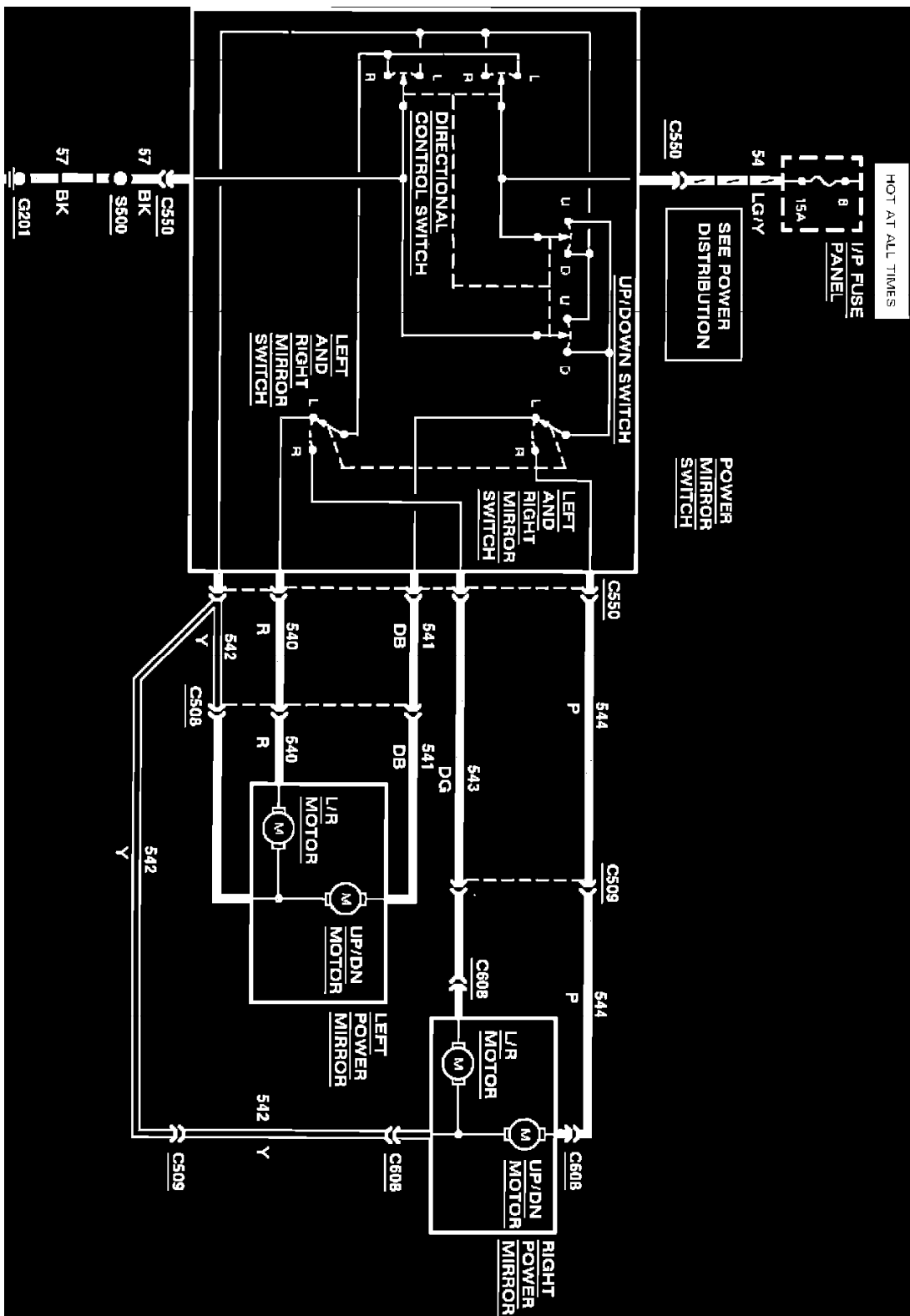
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Turn Lamps

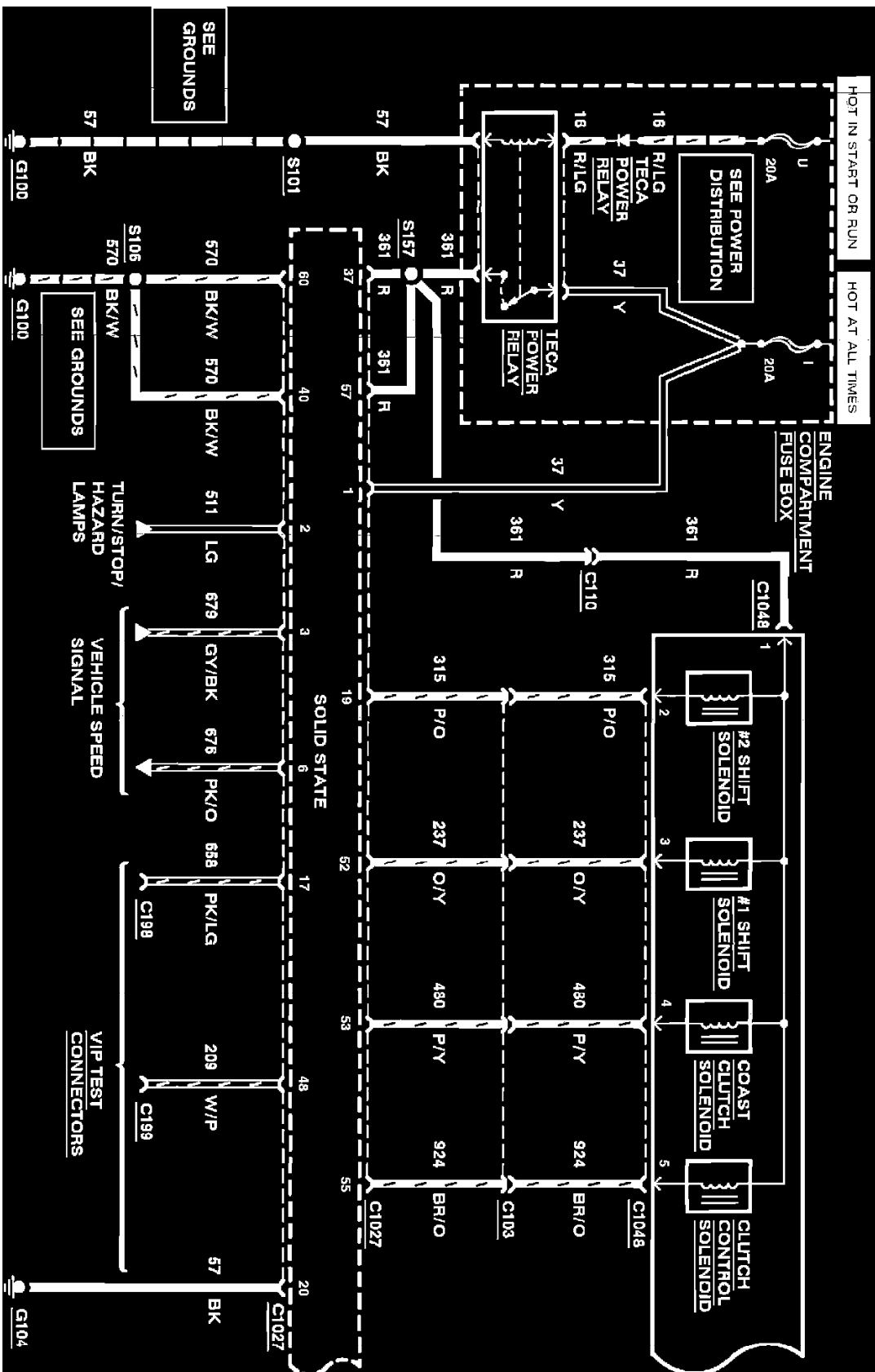


Turn Lamps

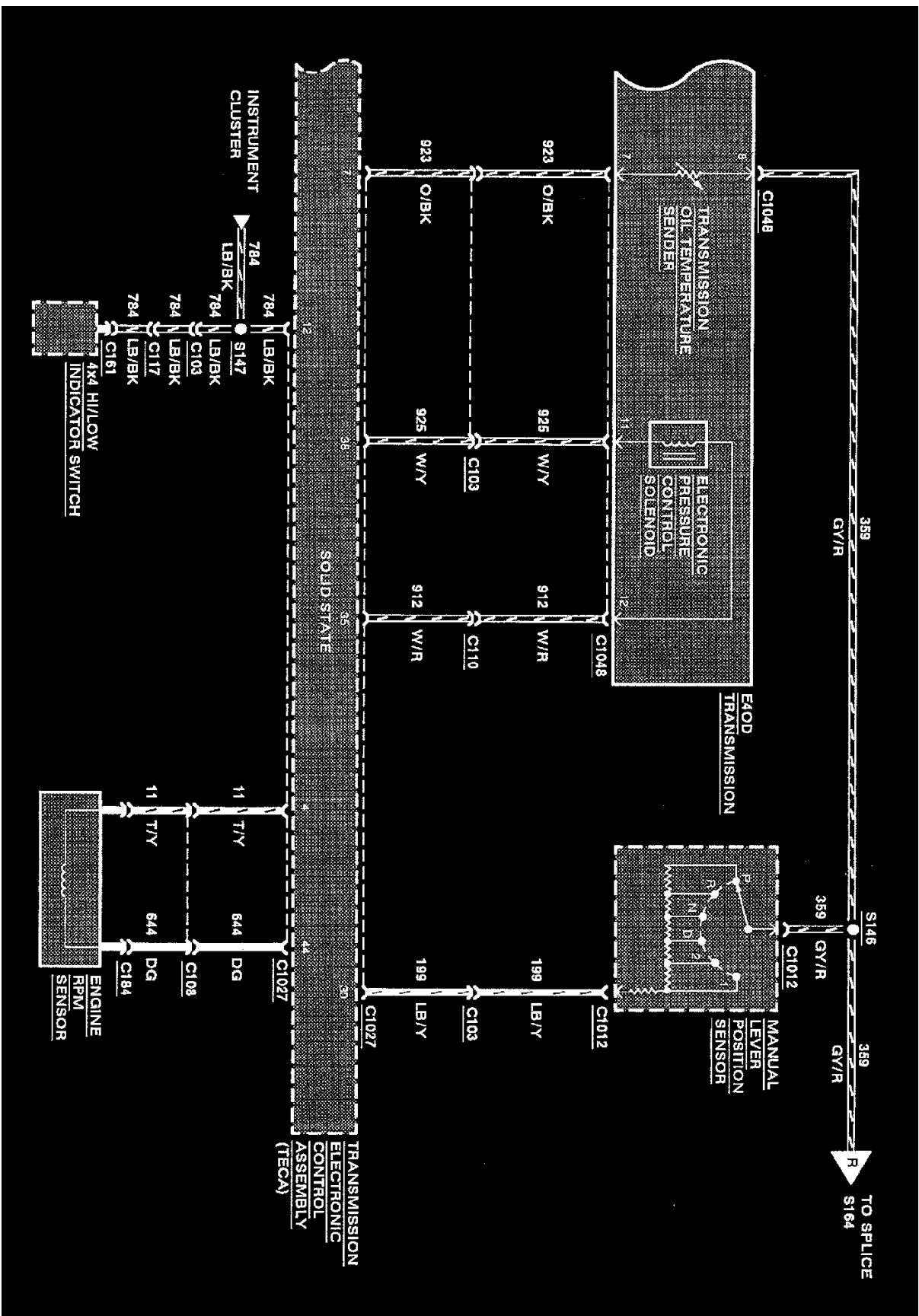


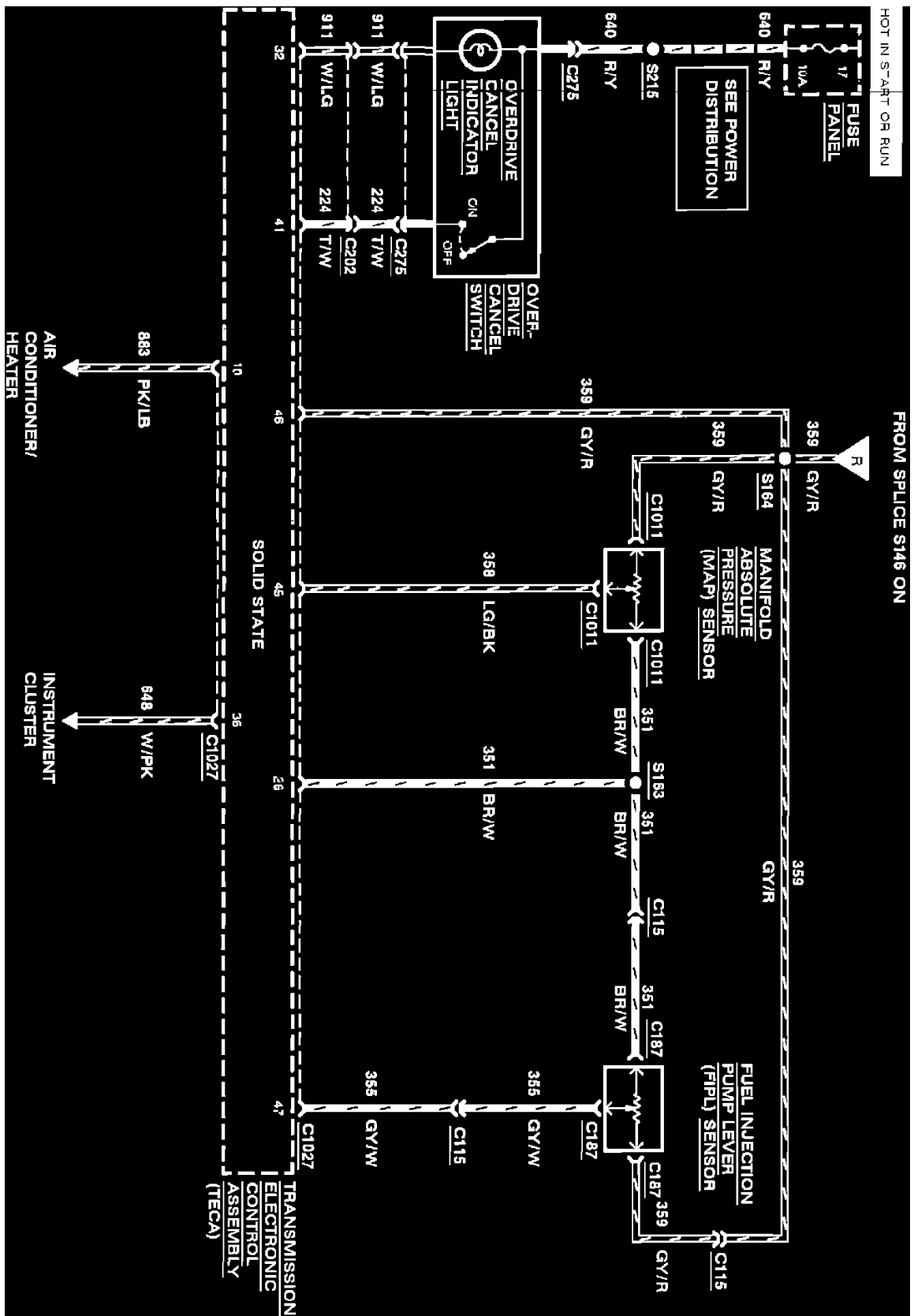
Power Mirrors

Transmission Controls

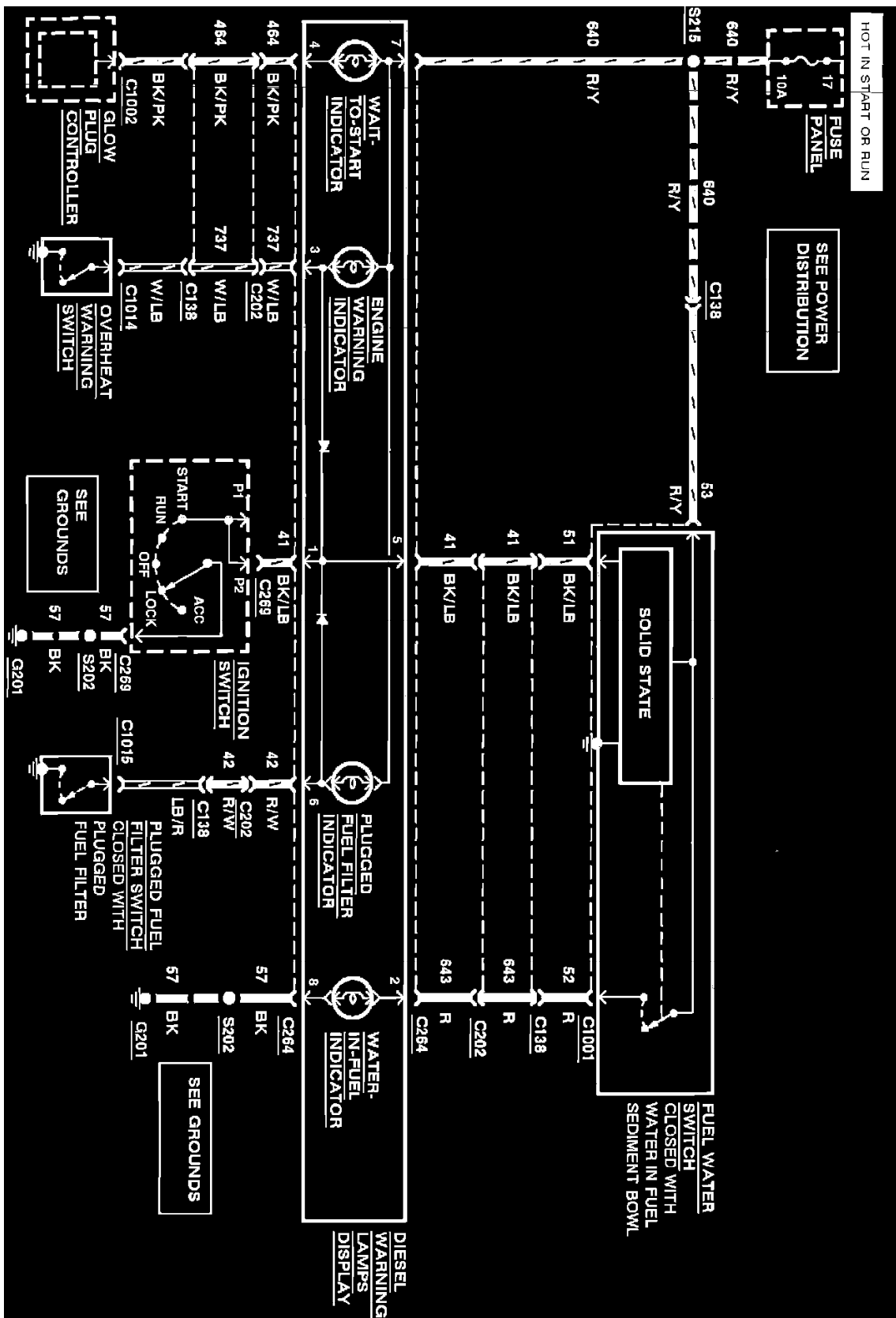


E4OD Transmission

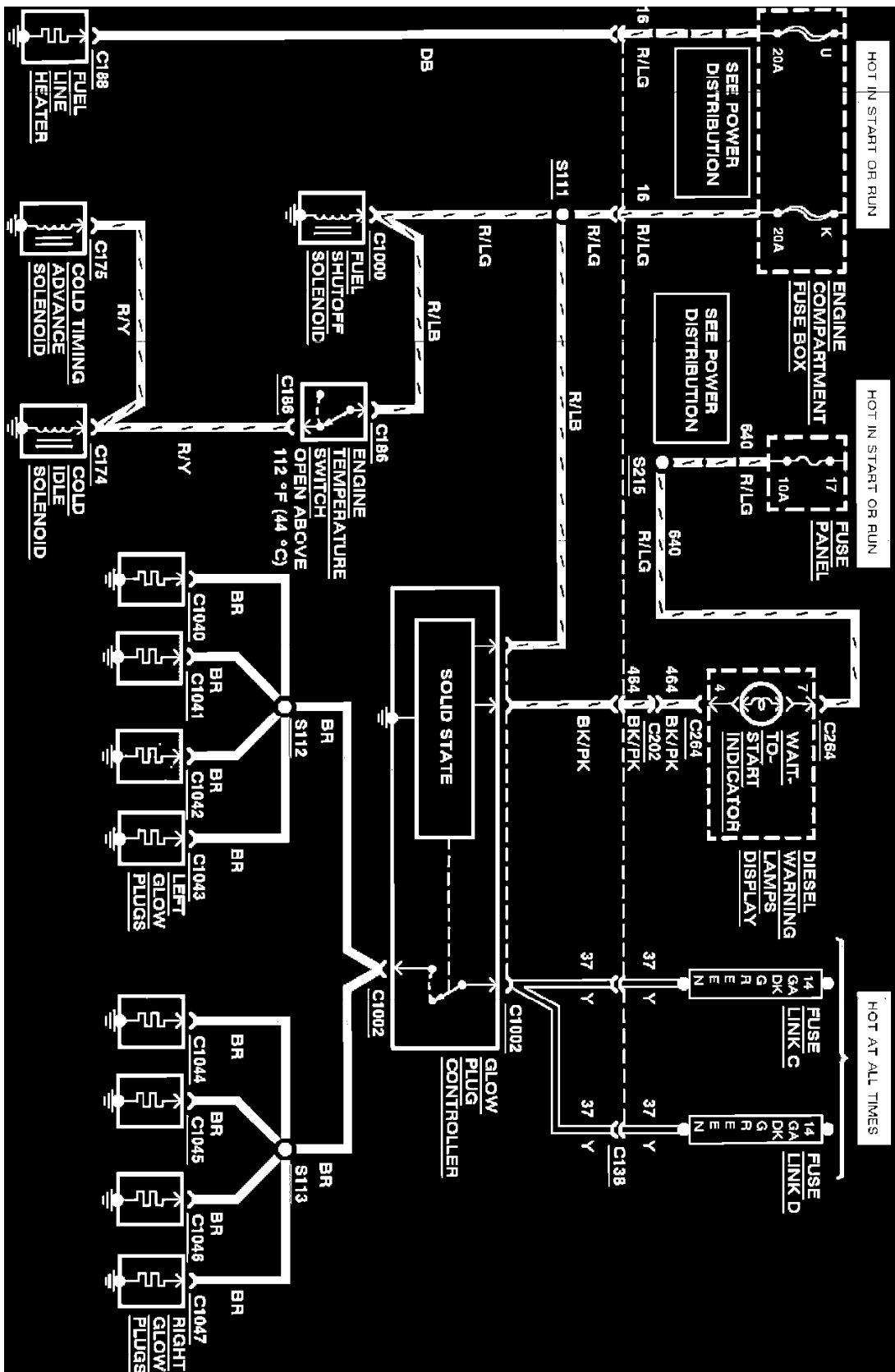




E4OD Transmission



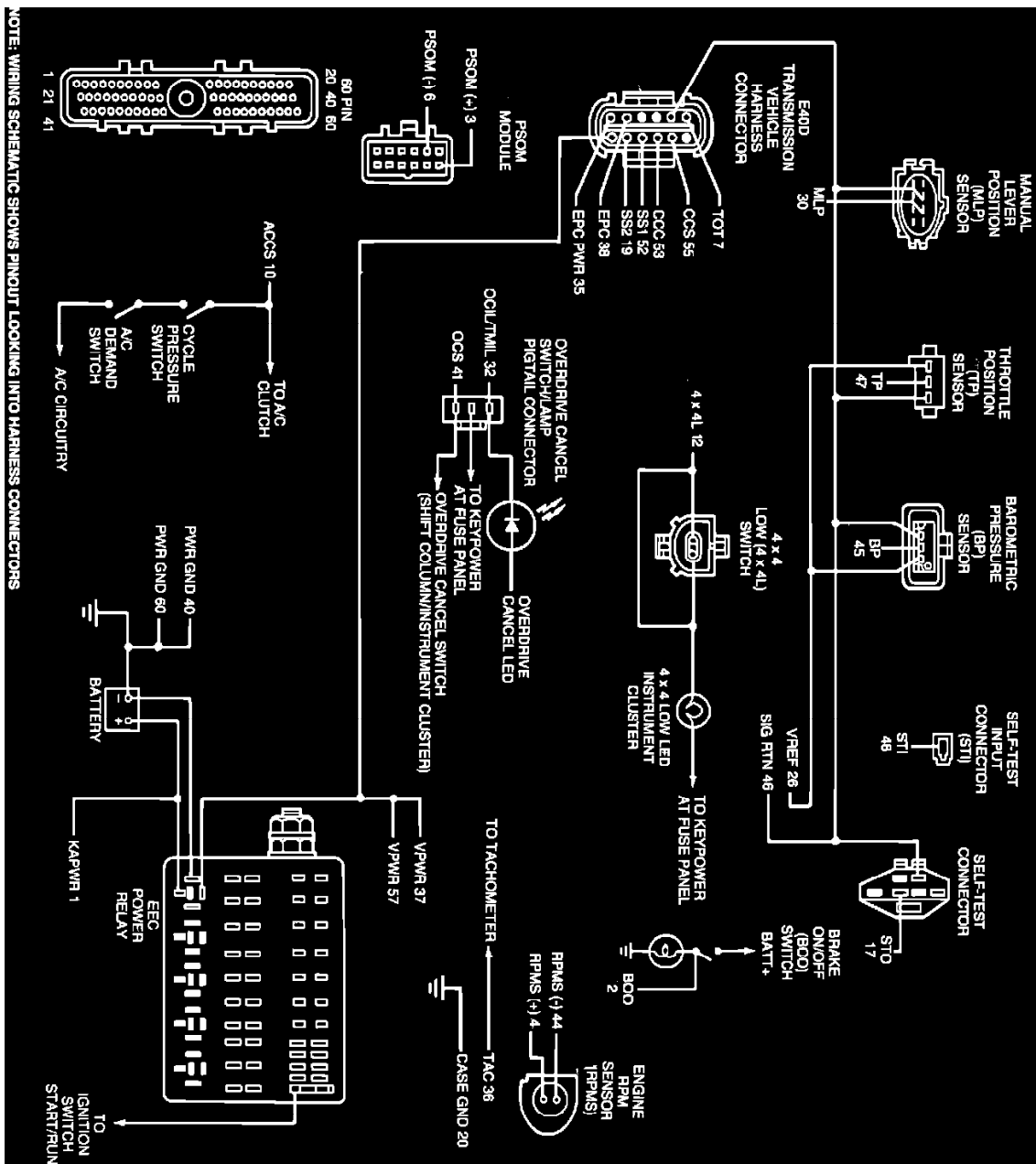
Warning Indicators



Glow Plug Control

Powertrain Diagrams

For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams



Electrical Schematic

Camshaft Position Sensor

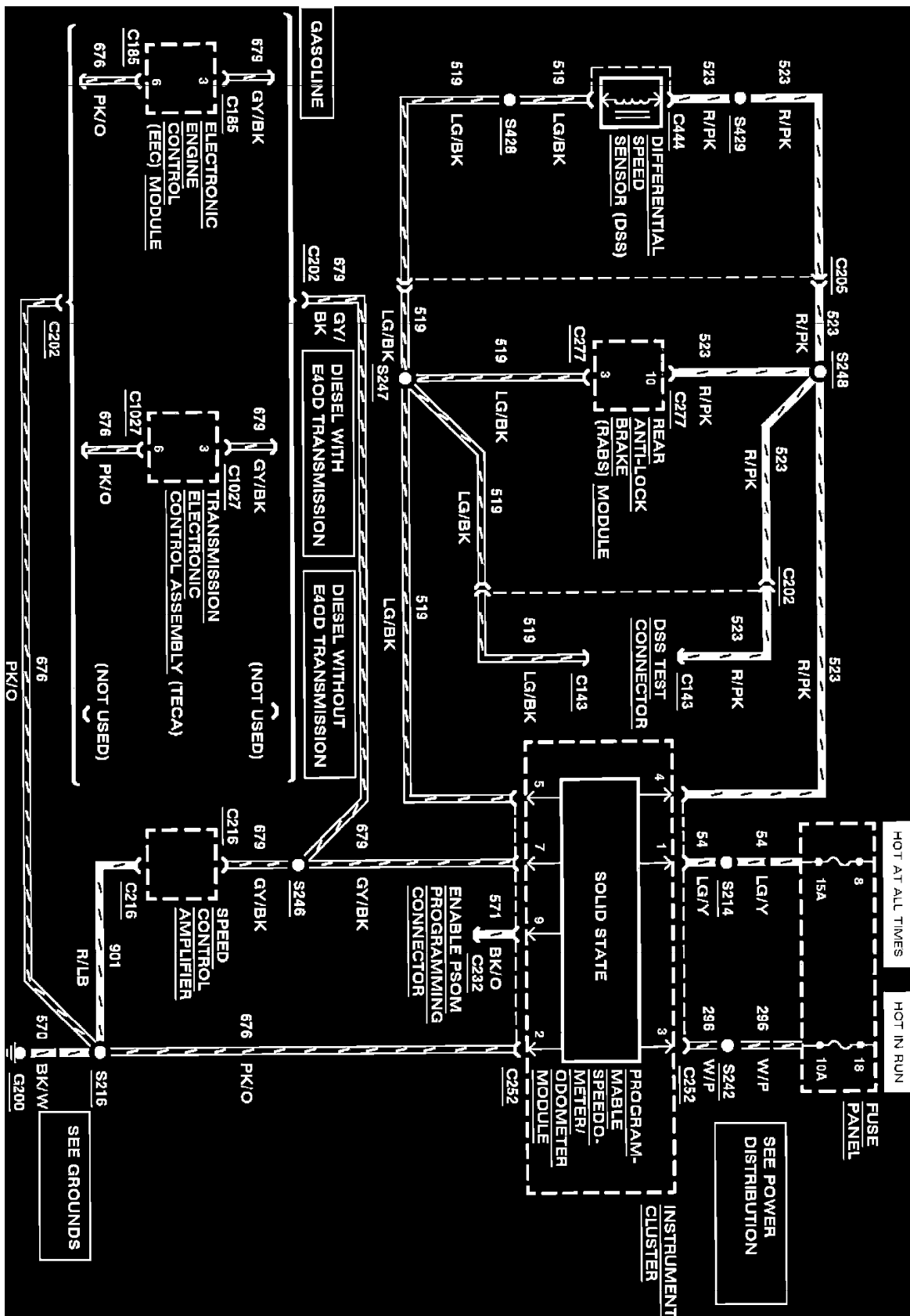
For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams

Crankshaft Position Sensor

For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams

Engine Control Module

For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams



Vehicle Speed

Emission Control Systems

For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams System Diagram

For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams

Carburetor

For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams

Fuel Injector

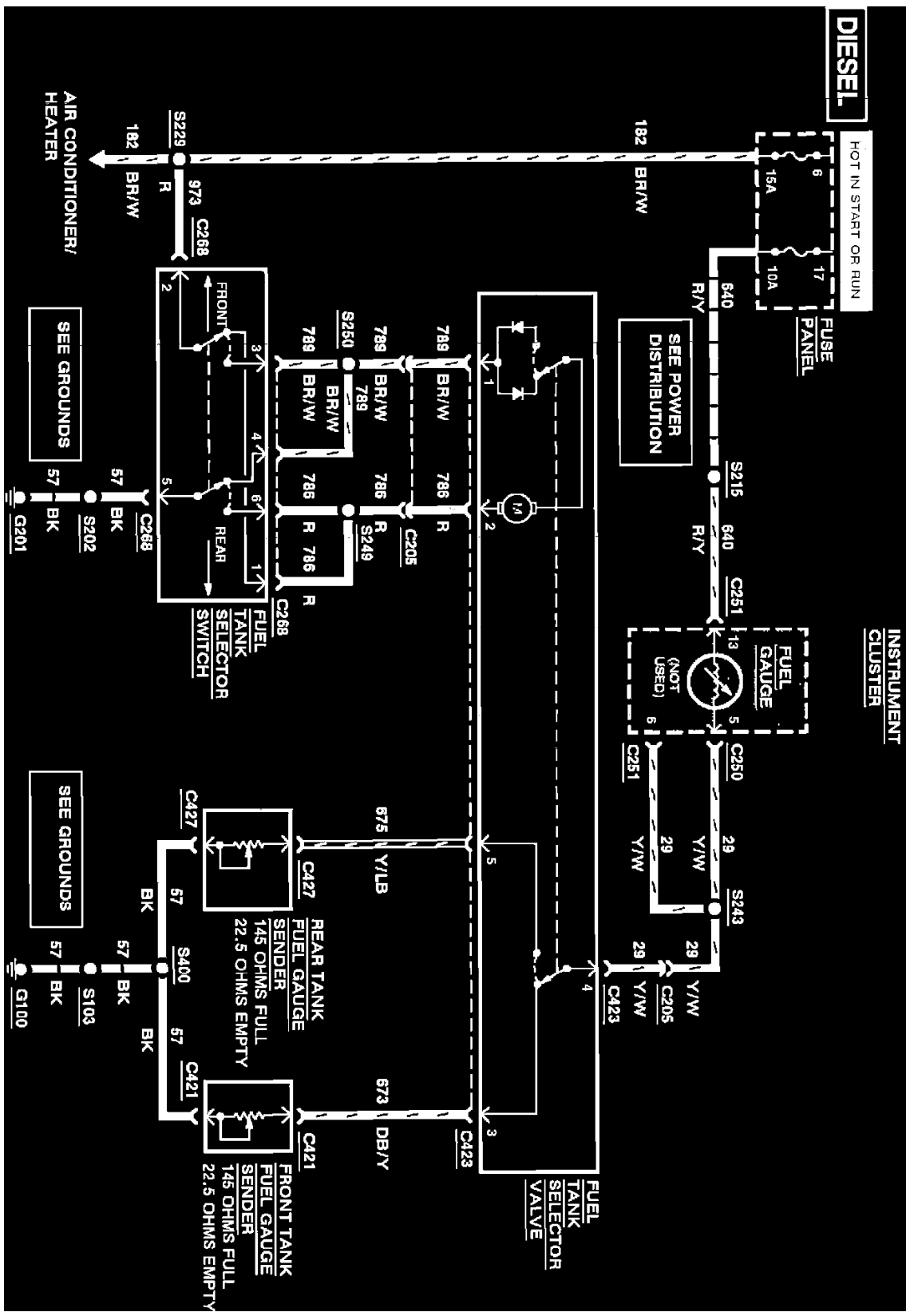
For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams

System Diagram

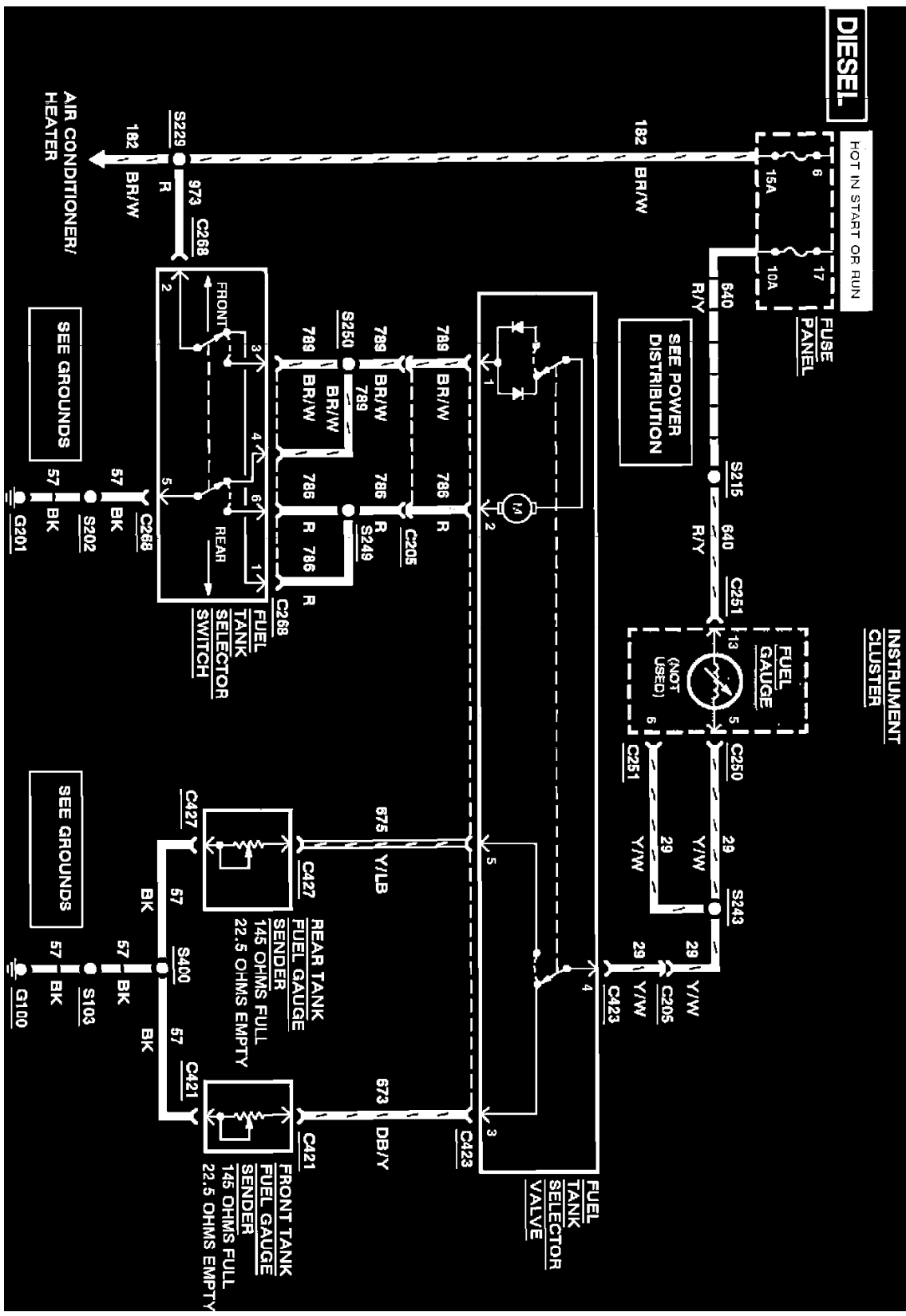
For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams

Fuel Pump Relay

For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams



Fuel Tank Selector



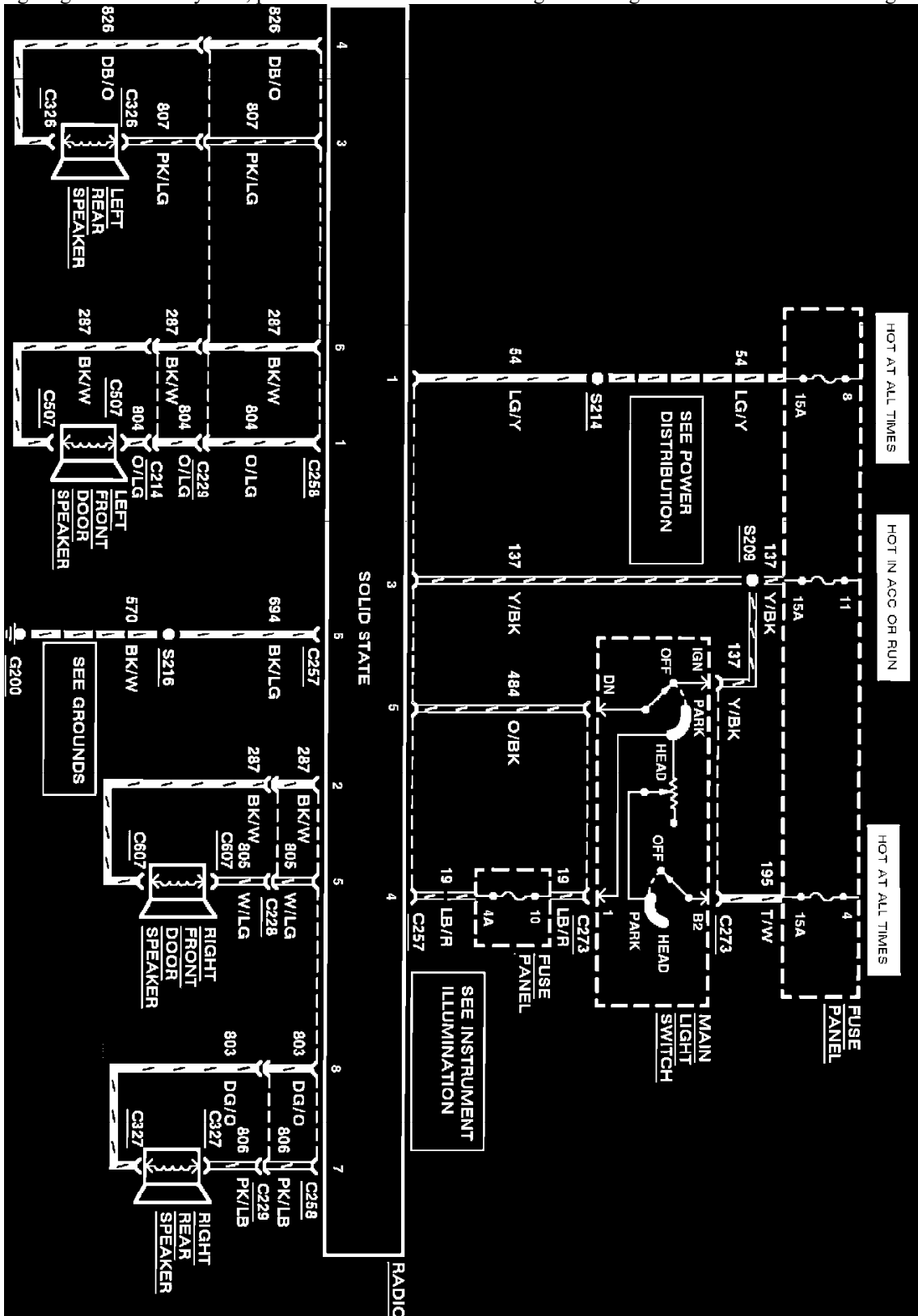
Fuel Tank Selector

Inertia Fuel Shutoff Switch

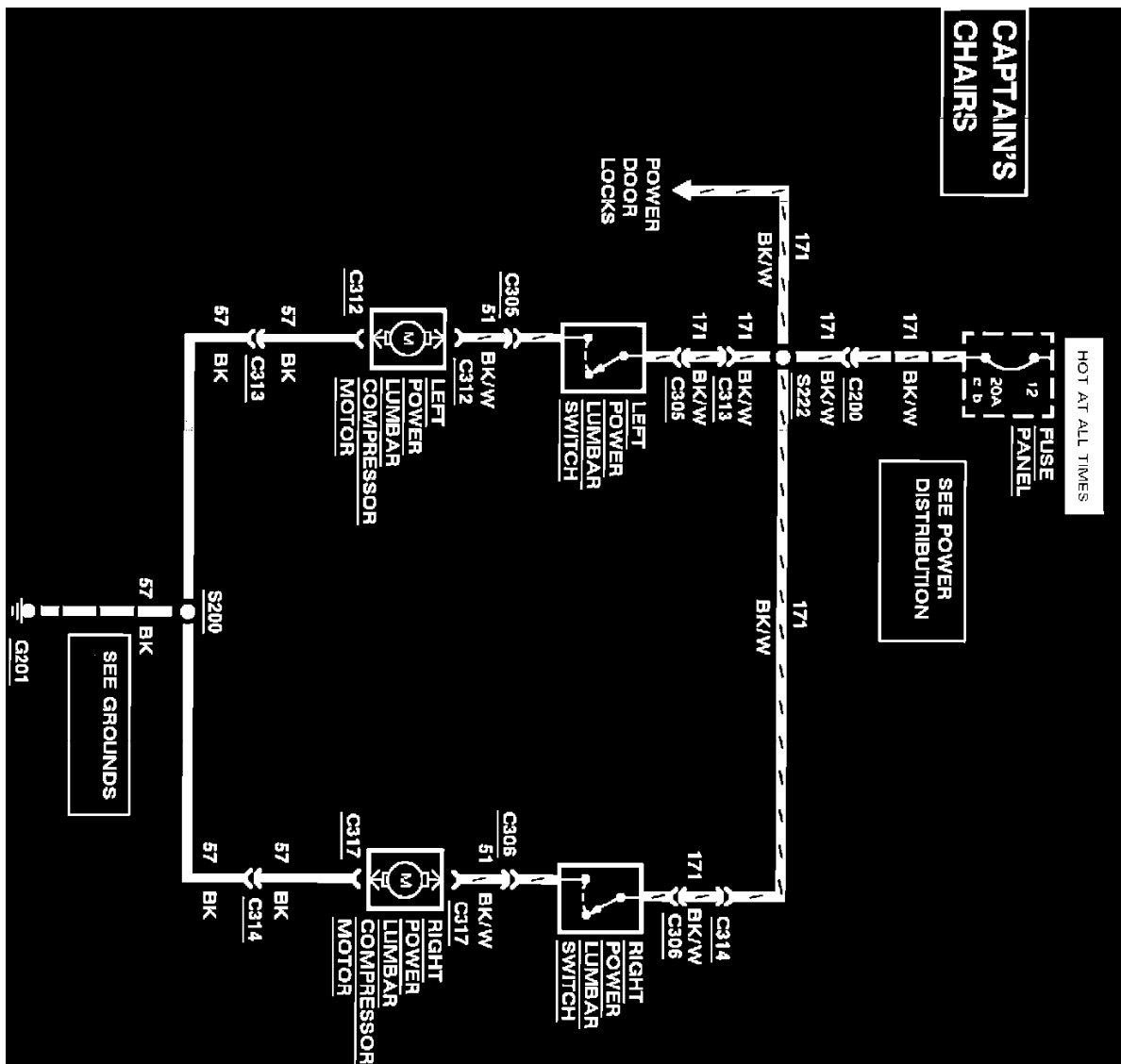
For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams
Glow Plug System

For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams
Ignition System

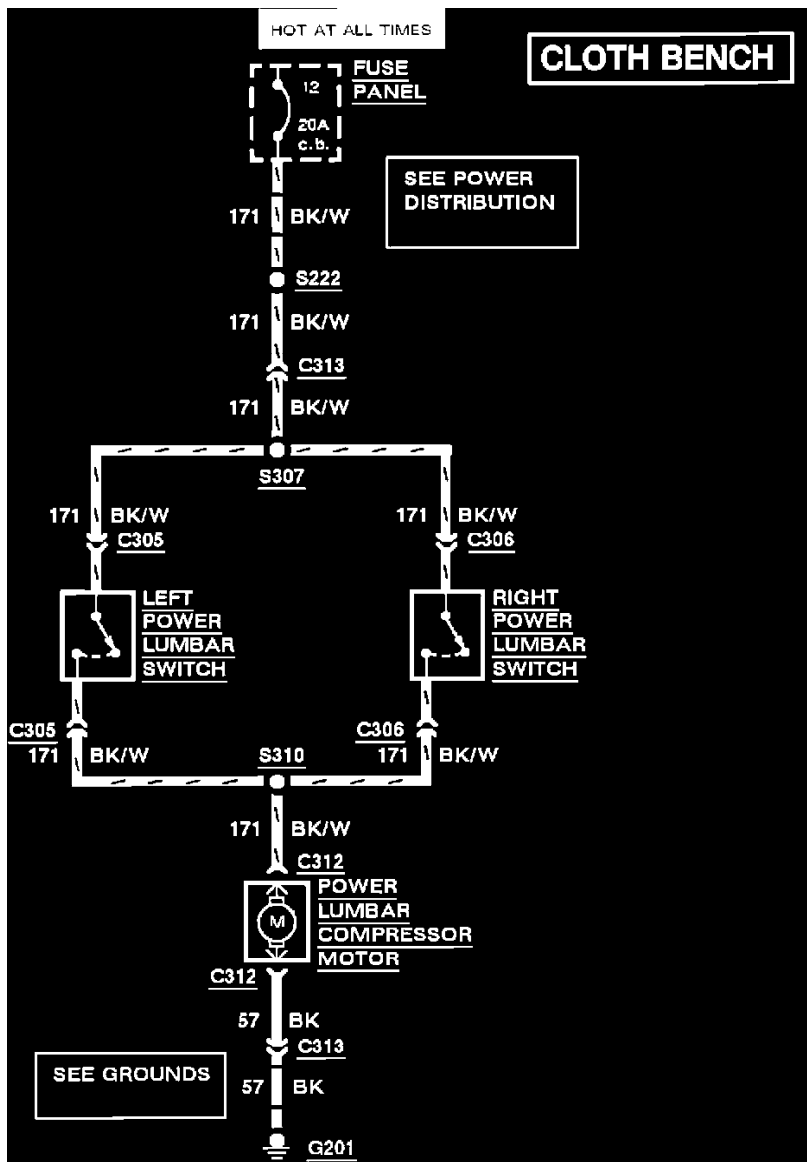
For information regarding diagrams for this system, please refer to Powertrain Management diagrams. See: Powertrain Management/Diagrams



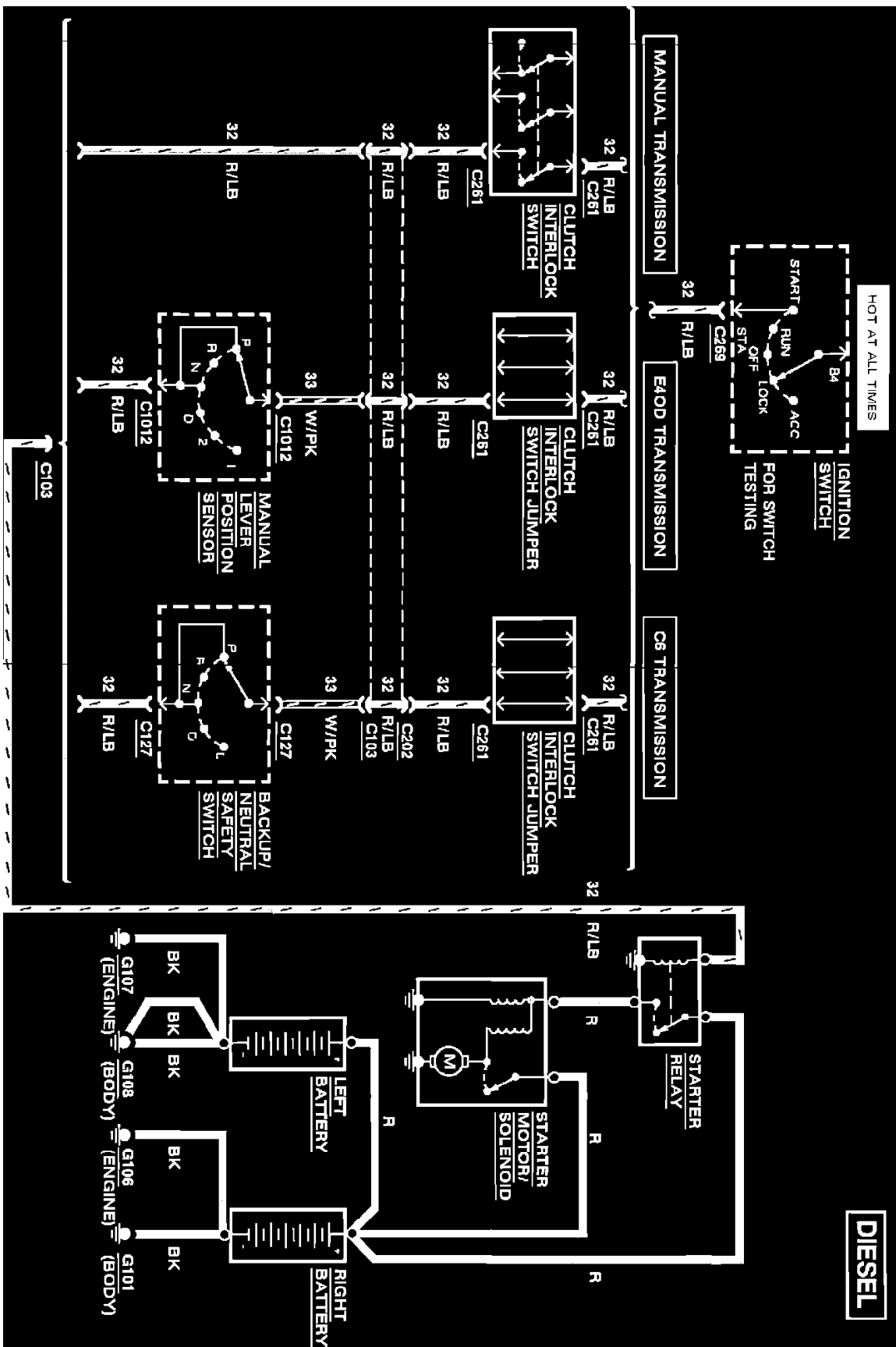
Radio



Power Lumbar Seats



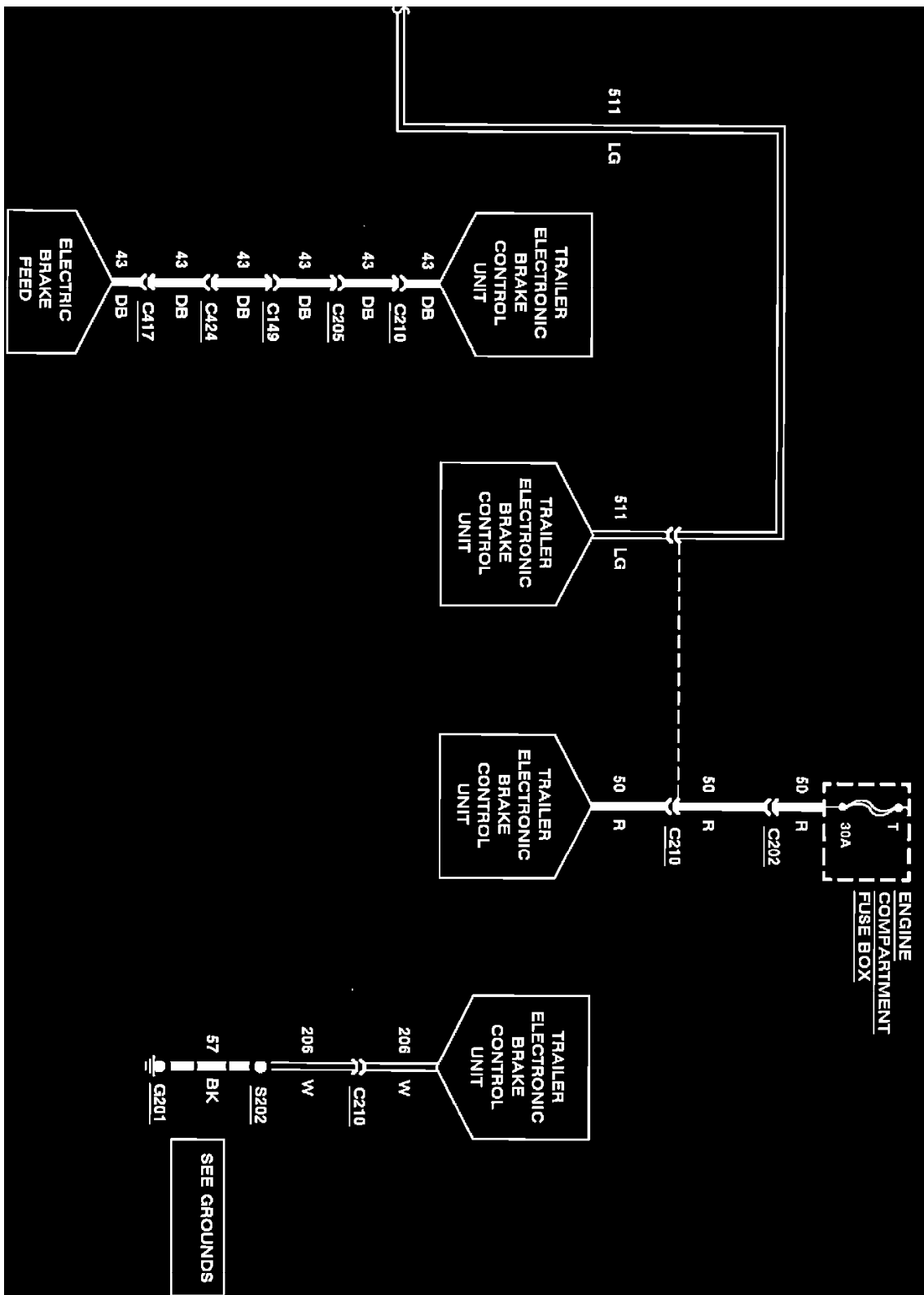
Power Lumbar Seats



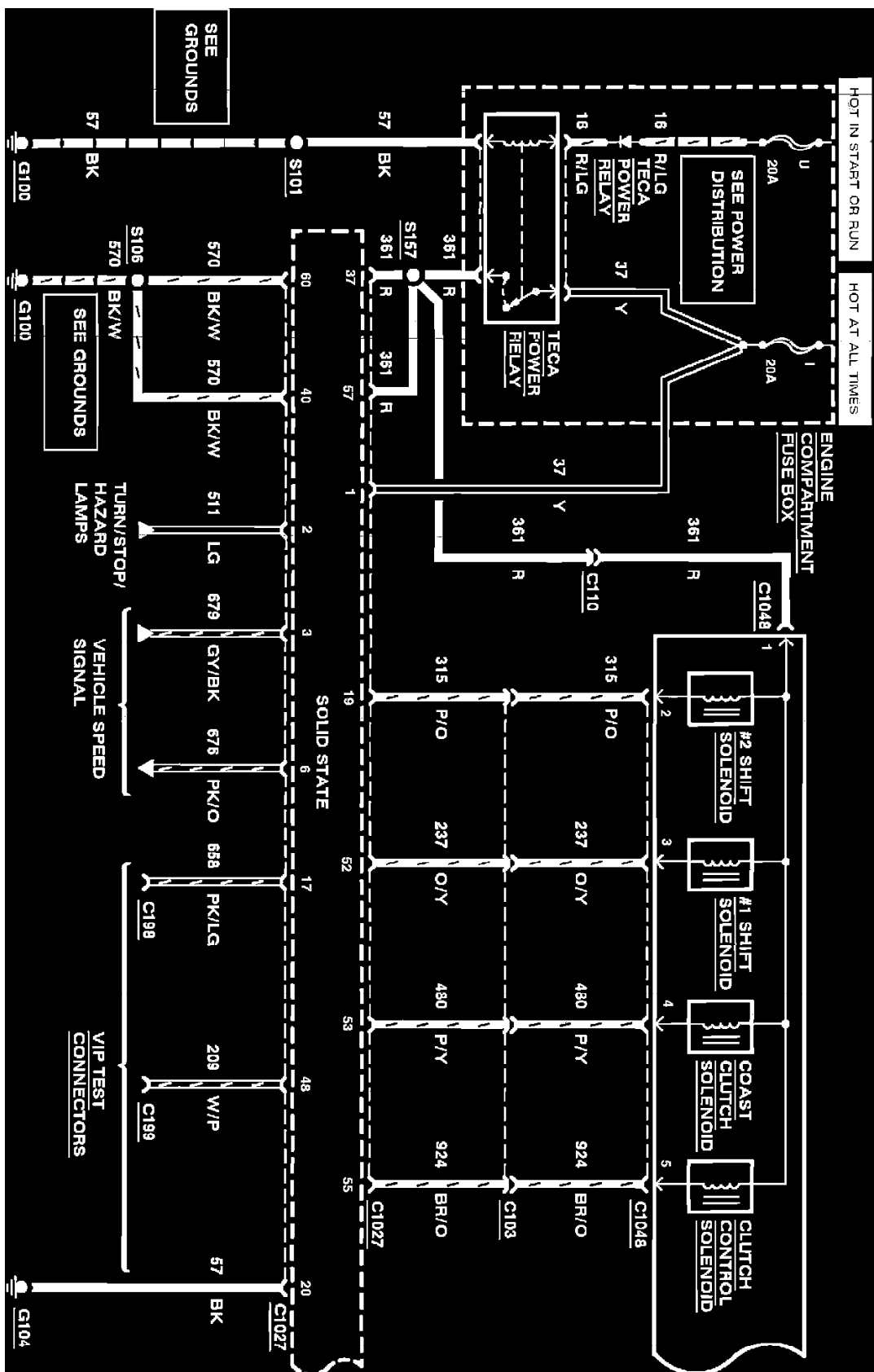
Starting System

Ignition Lock

For Wiring Diagrams, please refer to: Starting System/Diagrams, See: Starting and Charging/Starting System/Diagrams



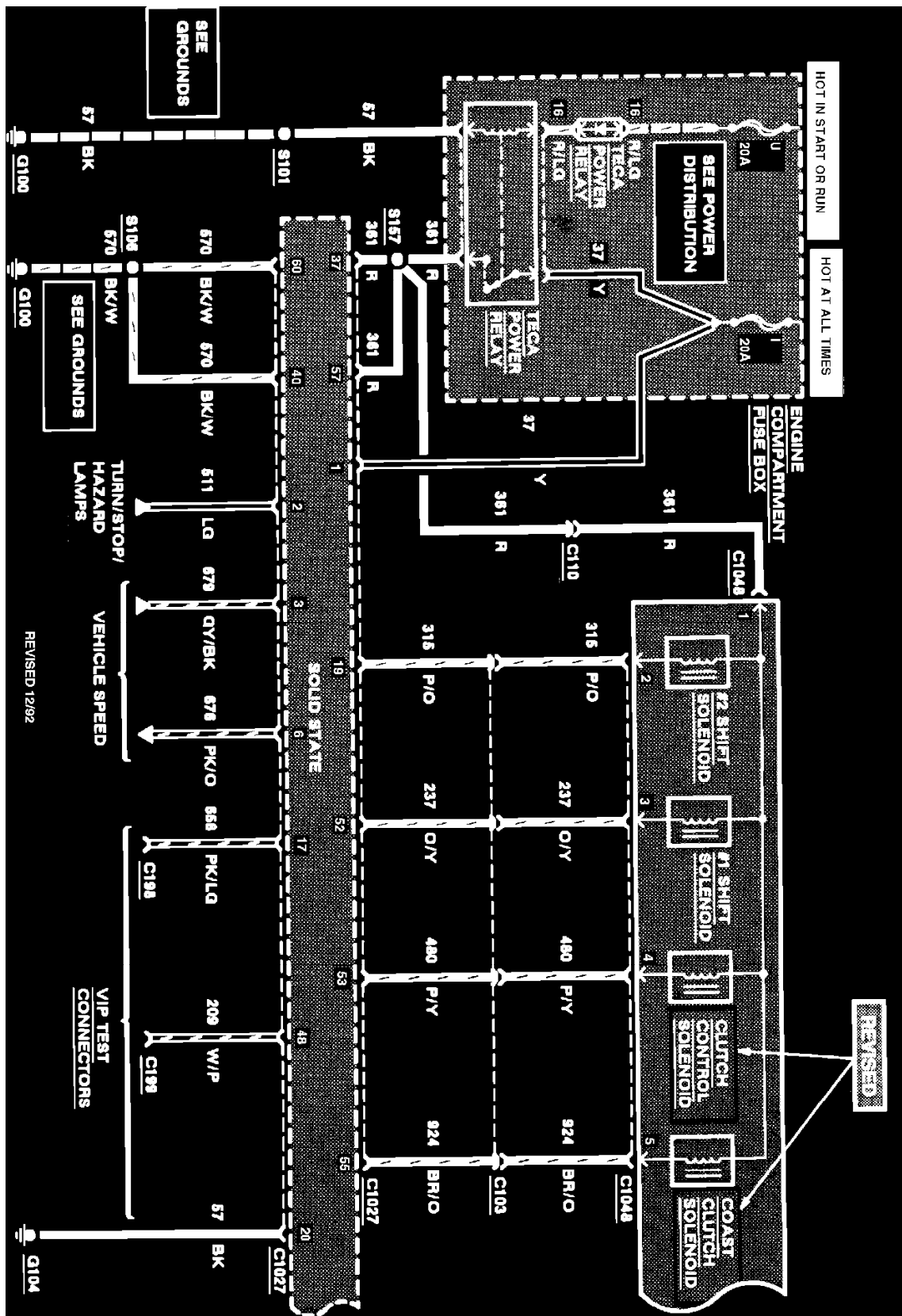
Trailer Adapter



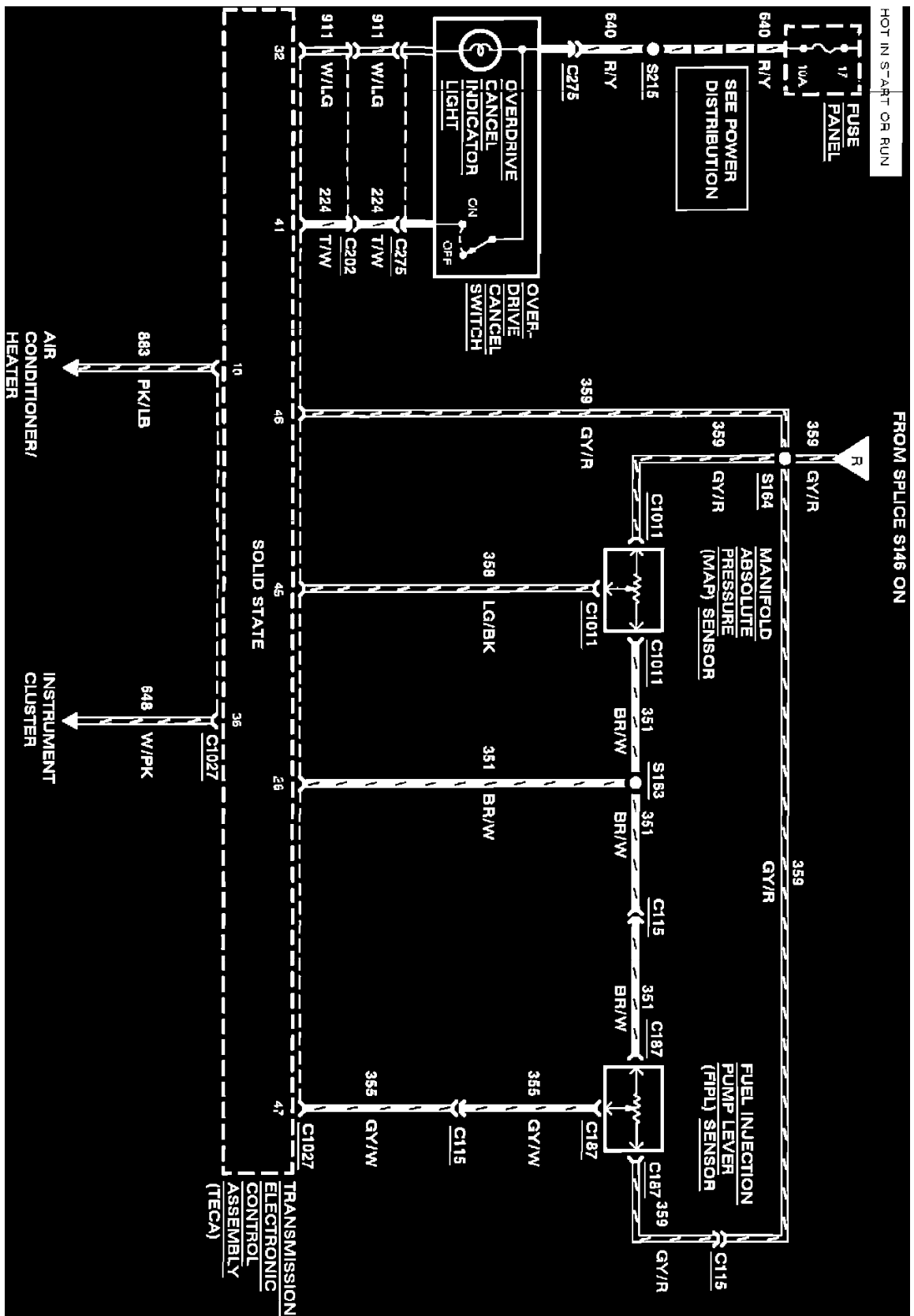
E4OD Transmission

Part 2 of 3

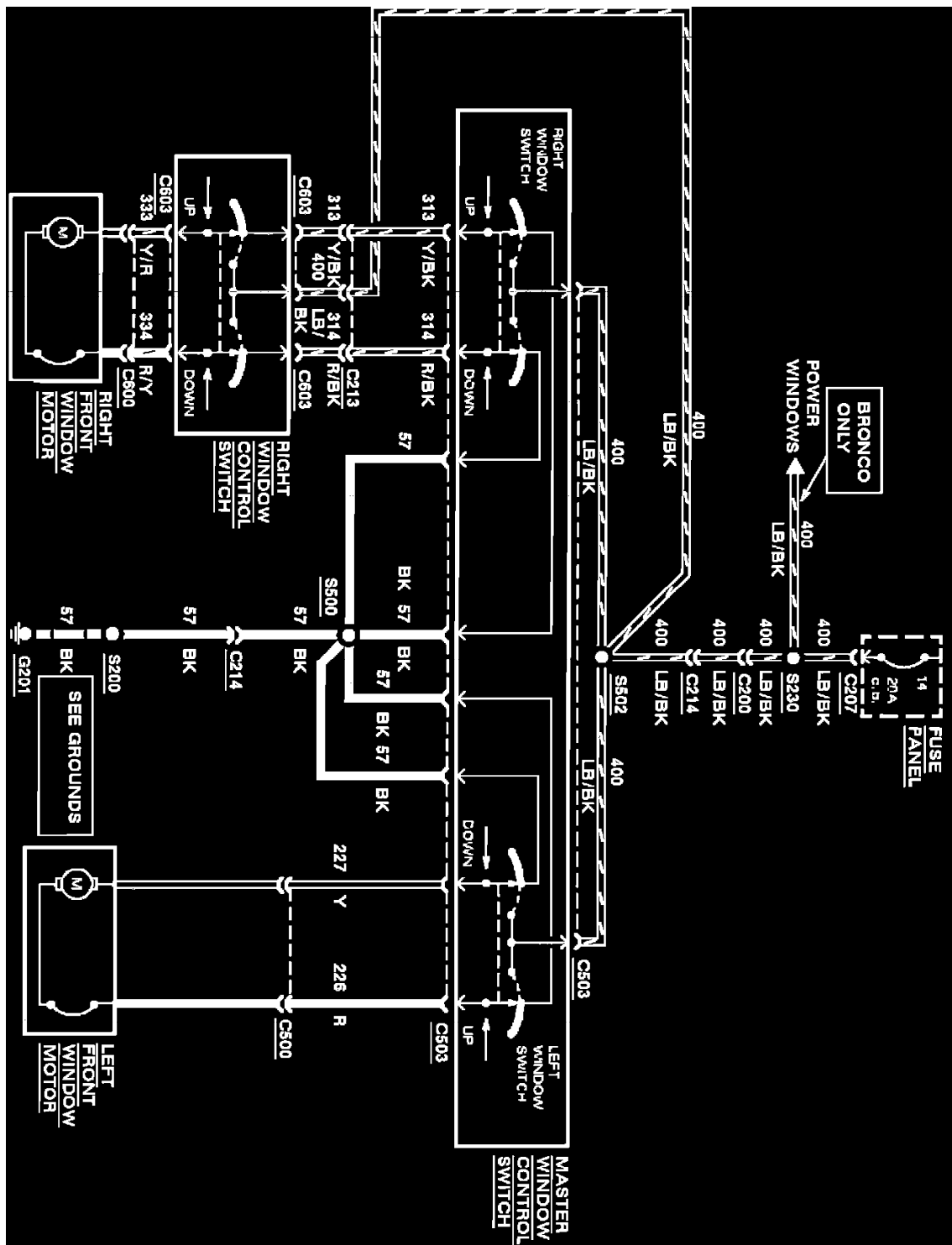
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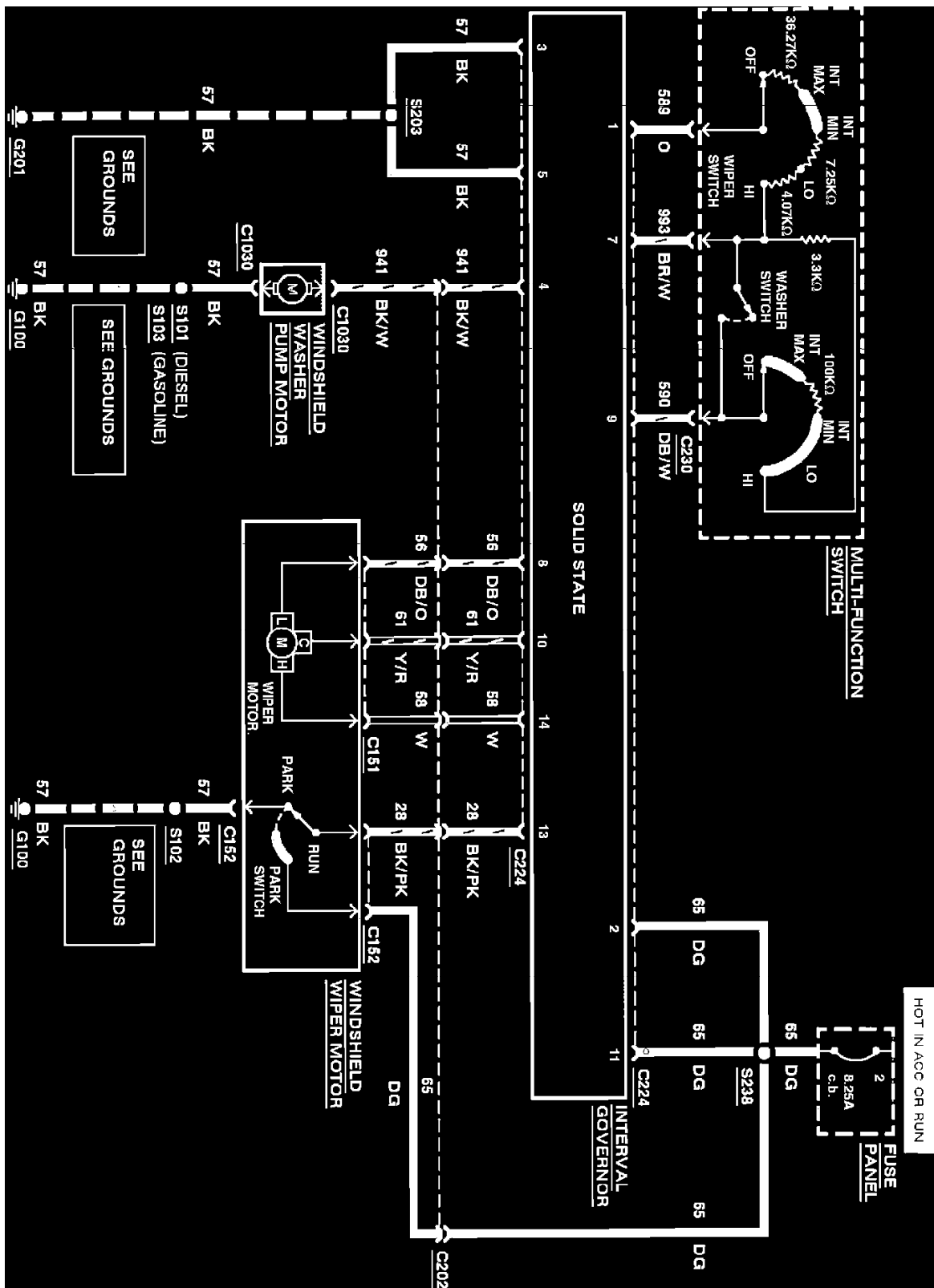
E4OD Transmission



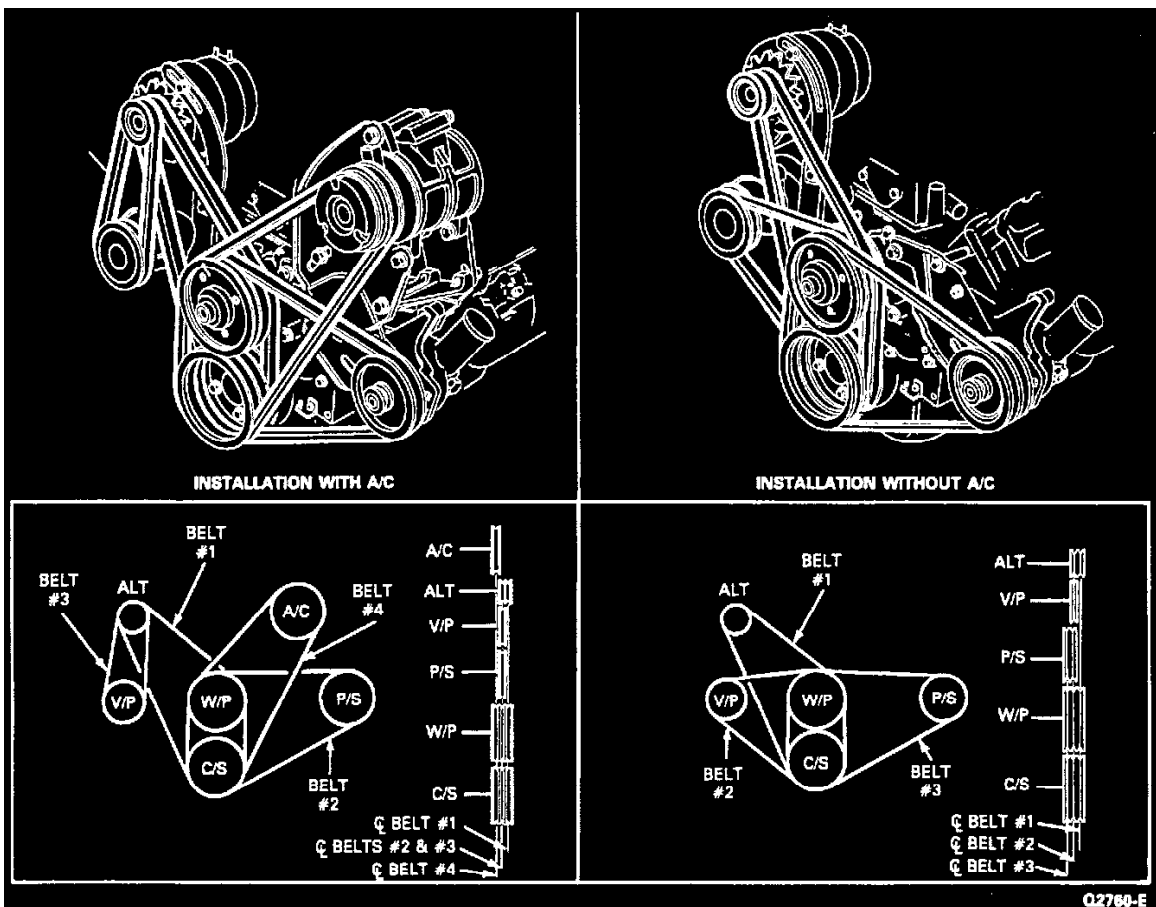
E4OD Transmission



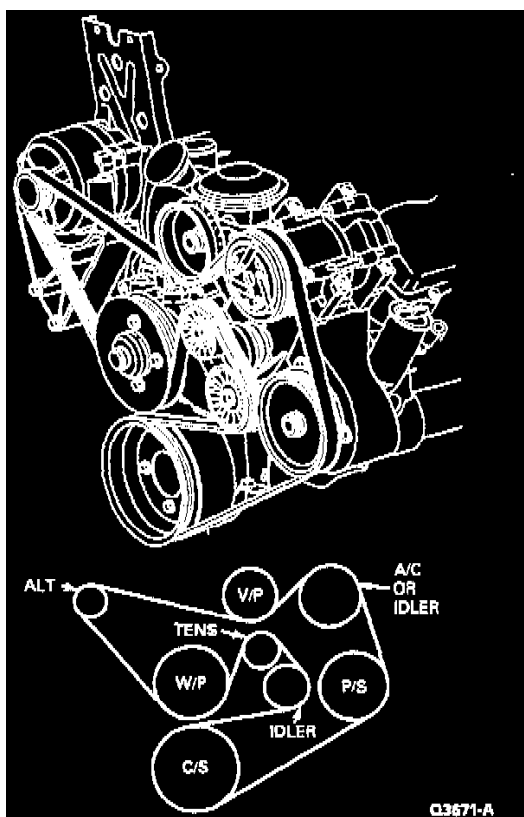
Power Window



Interval Wiper/Washer

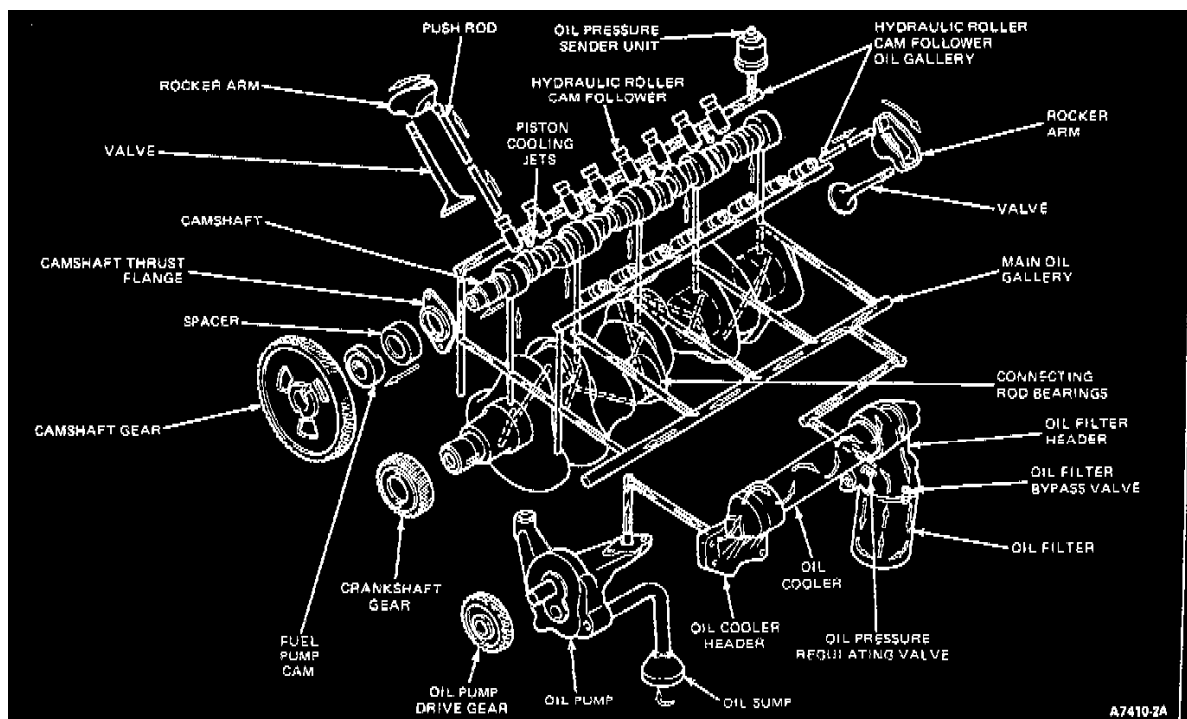


Belt Routing



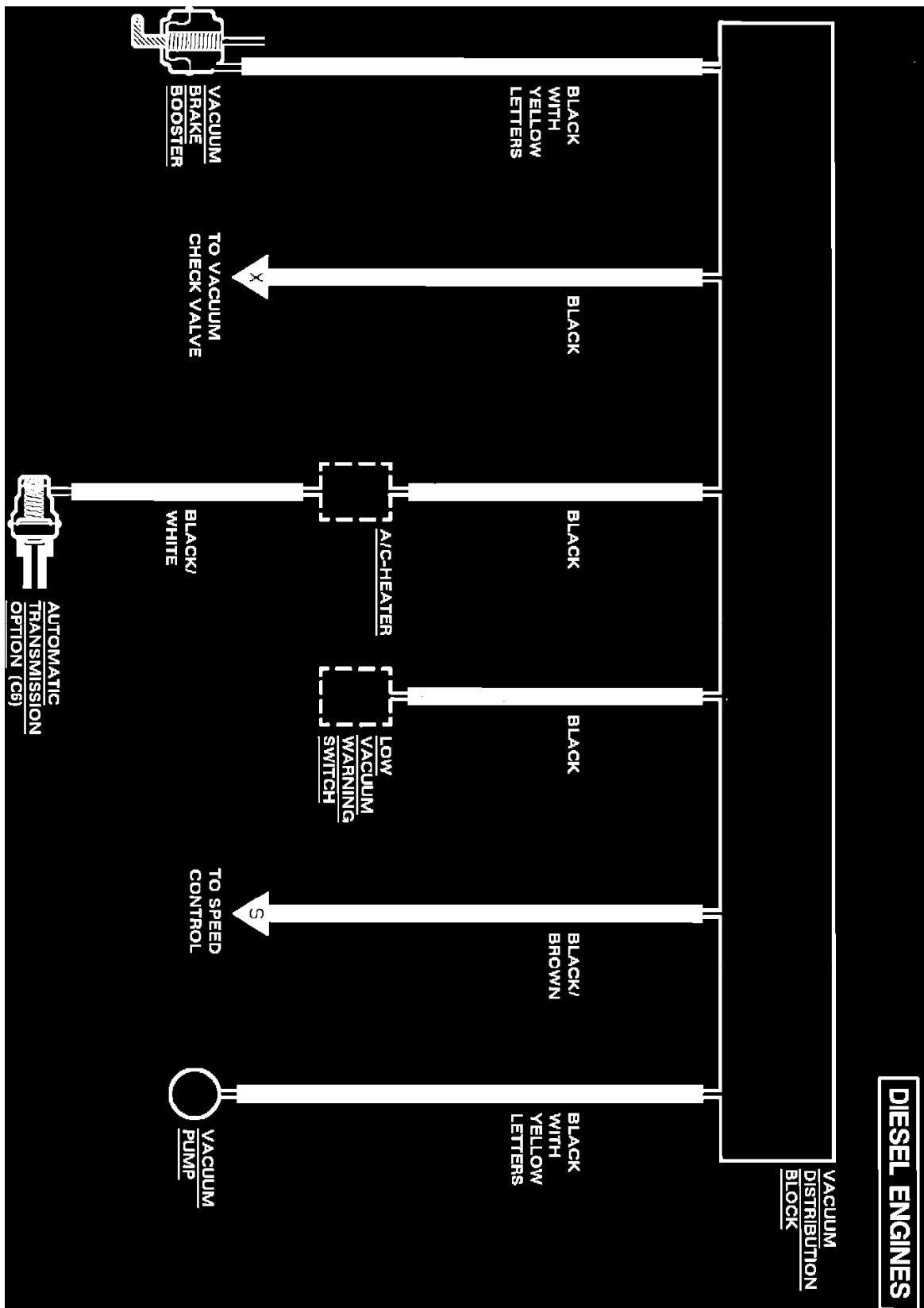
Drive Belt Routing

Engine Lubrication

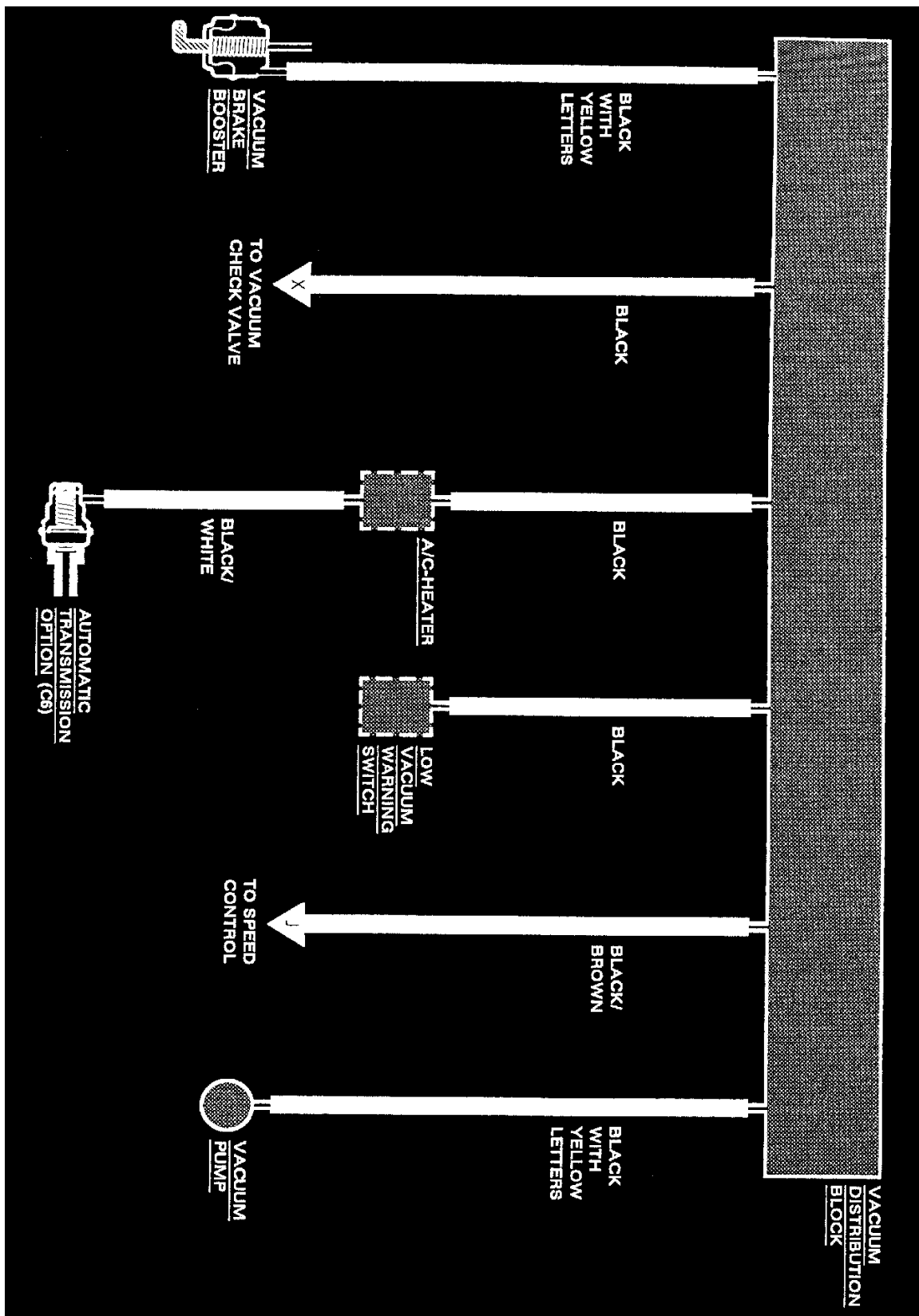


6.9L - 7.3L Diesel Lubrication System

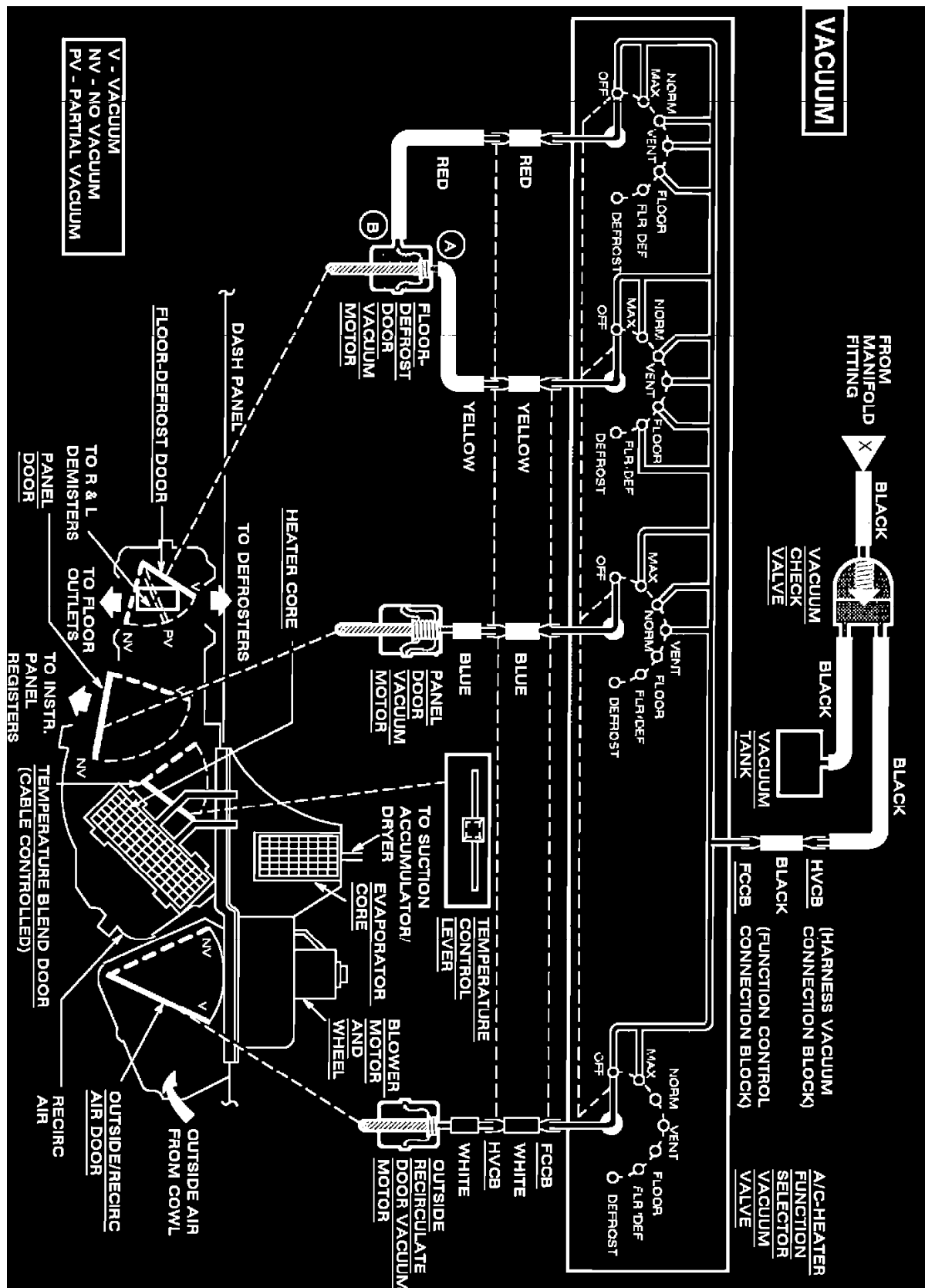
Lubrication oil is drawn out of the sump through the pick up screen and oil pick up tube to the oil pump. Oil pump flow is **45.4 liters (12 gallons)** per minute at rated speed and a pressure of **275-482 kPa (40-70 psi)**. From the oil pump, oil is passed via drilled passageways in the crankcase to the oil cooler adapter then through the oil cooler. Oil flows around the outside of the heat exchanger tubes. (Coolant flows through the tubes). The oil passes around the tubes rearward to the oil filter header. At the oil filter header the oil meets the pressure regulating valve. This regulates the oil pressure to the oil filter and the engine oil galleries. The rear oil filter header also has a bypass valve which will open if the oil filter should become clogged. Five cross passages distribute oil to verticle passages which feed crankshaft main bearings, camshaft bearings and two tappet galleries. The piston cooling jets are fed from the same passage as the valve tappets. The connecting rod bearings are fed from the main bearings via drilled passages in the crankshaft. The timing gears are lubricated by oil splash. Oil passes through the hydraulic tappet rollers and up the hollow pushrods to lubricate the rocker arm assemblies and valve stems.



Vacuum Distribution



Vacuum Diagram



Air Conditioner/Heater

A/C-Heater Control Assembly: Center Of Instrument Panel

Air Charge Temperature Sensor (4.9L/6-300): RH Front Of Engine, Near Intake Runner No. 1

Air Charge Temperature Sensor (5.0L/V8-302 & 5.8L/V8-351): Top Center Front Of Engine, Near Intake Runner No. 6

Air Charge Temperature Sensor (7.5L/V8-460): Top Center Of Engine, Behind Distributor

Alternator: Top RH Front Of Engine

Anti-Lock Test Connector C159: Behind RH Side Of Instrument Panel, Near Rear Anti-lock Brake (RABS) Module

Ashtray Illumination: Lower Center Of I/P, In Ashtray Assembly

Auxiliary Power Socket: Lower Center Of I/P

Back-Up Lamp Switch (Borg-Warner T-18 Transmission): Below Center Of Vehicle, Top Of Transmission

Back-Up Lamp Switch (Mazda M50D): Below Center Of Vehicle, Top LH Side Of Transmission

Back-Up Lamp Switch (S5-42 AF Transmission): Below Center Of Vehicle, Top LH Side Of Transmission

Back-Up Lamp: Rear Of Vehicle, On Respective Sides

Back-Up/Neutral Safety Switch: Below Vehicle, LH Side Of Transmission

Blower Motor: RH Side Of Safety Wall

Blower Motor Resistors: RH Side Of Safety Wall, On Plenum

Blower Motor Switch: Center Of Instrument Panel

Brake Fluid Level Switch: LH Rear Of Engine Compartment, On Brake Fluid Reservoir

Brake Warning Resistor/Diode Assembly: LH Rear Of Engine Compartment Near C202

Cap Marker Lamps: Top Front Of Cab Roof

Canister Purge Solenoid (4.9L/6-300): Lower RH Side Of Engine Compartment

Canister Purge Solenoid (5.0L/V8-302 & 5.8L/V8-351): RH Side Of Engine

Canister Purge Solenoid (7.5L/V8-460): RH Side Of Engine, Above Exhaust Manifold

Cargo Lamp: On Top Rear Of Cab

Charge Indicator Lamp Relay: RH Side Of Engine Compartment, On Wheelwell, Below Starter Relay

Clutch Interlock Switch: Behind LH Side Of I/P, Top RH Side Of Brake/clutch Pedal Support

Clutch Interlock Switch Jumper: Behind LH Side Of I/P, Taped To Main Harness, Near Steering Column

Cold Idle Solenoid: Top Center Front Of Engine

Cold Timing Advance Solenoid: Top Center Front Of Engine

Coolant Temperature Sender (4.9L/6-300): RH Side Of Engine

Coolant Temperature Sender (5.0L, 5.8L & 7.3L): Top LH Front Of Engine

Coolant Temperature Sender (7.5L/V8-460): Top LH Front Of Engine, LH Side Of Distributor

DSS Test Connector C143: LH Rear Of Engine Compartment, On Bracket

Daytime Running Lamps (DRL) Jumper: Front LH Side Of Lower Radiator Support

Daytime Running Lamps (DRL) Module: Front LH Side Of Lower Radiator Support

Diesel Warning Lamps Display: Top LH Side Of I/P, Right Of Instrument Cluster

Differential Speed Sensor (DSS): Below Rear Of Vehicle, On Rear Axle

Distributor (4.9L/6-300): Top LH Front Of Engine

Distributor (5.0L/V8-302 5.8L/V8-351 & 7.5L/V8-460): Top Center Front Of Engine

Dome Lamp: Center Of Roof

E4OD Transmission: Below Center Of Vehicle

EGR Control Solenoid (4.9L/6-300): LH Rear Of Engine, Below EGR Valve Position (EVP) Sensor Near Valve Cover

EGR Control Solenoid (5.0L/V8-302 & 5.8L/V8-351): Top LH Side Of Engine, On Ignition Coil Support Bracket

EGR Vacuum Regulator Solenoid: LH Side Of Engine, Compartment

EGR Valve Position Sensor (4.9L/6-300): Top LH Rear Of Engine, On Throttle Body

EGR Valve Position Sensor (5.0L/V8-302 & 5.8L/V8-351): Front RH Side Of Engine

EGR Valve Position Sensor (7.5L/V8-460): LH Rear Of Engine, Left Of Throttle Body

Electronic Engine Control (EEC) Module: LH Side Of Safety Wall, Left Of Main Harness Connectors

Electronic Shift Control Module: Behind RH Cowl Panel

Electronic Shift Control Switch: LH Side Of Instrument Panel, Right Of Instrument Cluster

Enable PSOM Programming Connector C232: Behind Lower RH Side Of I/P, Below Glove Compartment

Engine Compartment Fuse Box: LH Side Of Engine Compartment, On Top Front Of Wheel Well

Engine Compartment Lamp: LH Underside Of Engine Compartment Hood

Engine Coolant Temperature Sensor (7.5L/V8-460): Center Front Of Engine, Near Distributor

Engine Coolant Temperature Sensor (Except 7.5L/V8-460): Center Front Of Engine, On Thermostat Housing

Engine RPM Sensor: Top LH Front Of Engine

Engine Temperature Switch: Top RH Front Of Engine

Front Park/Turn Lamps: Front Of Vehicle, On Respective Sides

Front Side Marker Lamps: Front Of Vehicle, On Respective Sides

Front Tank Fuel Gauge Sender: Below RH Center Of Vehicle, In Front Fuel Tank

Front Tank Fuel Pump/Fuel Gauge Sender: Below RH Center Of Vehicle, In Front Fuel Tank

Fuel Heater: RH Side Of Engine, On Top Of Fuel Filter/heater

Fuel Injection Pump Lever (FIPL) Sensor: Top LH Front Of Engine

Fuel Injections (4.9L/6-300): RH Top Of Engine, In Lower Intake Manifold, At Top Of Respective Cylinders

Fuel Injections (5.0L/V8-302 5.8L/V8-351 & 7.5L/V8-460): Top Of Engine, In Lower Intake Manifold, At Respective Cylinders

Fuel Pump/Fuel Gauge Sender: Top RH Side Of Fuel Tank

Fuel Shutoff Solenoid: Top Center Front Of Engine
Fuel Tank Selector Switch: Top LH Side Of Instrument Panel, RH Side Of Main Light Switch
Fuel Tank Selector Valve: Under LH Center Of Vehicle, On LH Frame Rail
Fuel Water Switch: RH Side Of Engine, On Bottom Of Fuel Filter/Heater
Fuse Link A: Front Of RH Fender Apron, At Starter Relay
Fuse Link B: Front Of RH Fender Apron, At Starter Relay
Fuse Link C: LH Side Of Engine Compartment, In Engine Compartment Fuse Box
Fuse Link D: LH Side Of Engine Compartment, In Engine Compartment Fuse Box
Fuse Link J: Front RH Fender Apron, At Starter Relay
Glove Panel: Behind Lower LH Side Of Instrument Panel, Left Of Steering Column
Glove Compartment Lamp: Behind RH Side Of I/P, In Glove Compartment
Glow Plug Controller: Top Center Rear Of Engine
Hazard Flasher: Behind LH Side Of Instrument Panel, On Front Of Fuse Panel
Headlamps: Front Of Vehicle, On Respective Sides
Heated Exhaust Gas Oxygen (HEGO) Sensor (4.9L, 5.0L) (5.8L Under 8500 GVW): Lower RH Rear Of Engine Compartment, In Exhaust Manifold
Heated Exhaust Gas Oxygen (HEGO) Sensor (5.8L Over 8500 GVW) (7.5L/V8-460): Below RH Side Of Vehicle, In Exhaust Pipe
Heater Control Assembly: Center Of Instrument Panel
Heater Control Illumination: Behind Center Of Instrument Panel, On A/C-heater Control Assembly
Horns: Rear RH Side Of Lower Radiator Support, Below Lamps
Horn Switch: In Steering Wheel
Idle Air Bypass Valve (4.9L/6-300): Top LH Side Of Engine, Top Of Throttle Body
Idle Air Bypass Valve (5.0L/V8-302 & 5.8L/V8-351): Top RH Front Of Engine, Top Of Throttle Body
Idle Air Bypass Valve (7.5L/V8-460): Top Center Of Engine, Below Throttle Body
Ignition Coil (4.9L/6-300): LH Front Of Engine, Forward Of Distributor
Ignition Coil (5.0L/V8-302 & 5.8L/V8-351): LH Rear Of Engine, Near Intake Manifold
Ignition Coil (7.5L/V8-460): LH Side Of Engine, Above LH Valve Cover
Ignition Key Warning Switch: Top Of Steering Column, Part Of Ignition Switch
Ignition Suppression Resistor: LH Side Of Engine Compartment, Taped To Harness Near C101
Ignition Switch: Top RH Side Of Steering Column
Inertia Switch: Behind RH Cowl Panel
Inside Cargo Lamp: Center Of Rear Window Header
Instrument Cluster: Top LH Side Of Instrument Panel
Integral Alternator Regulator (IAR): RH Front Of Engine
Interval Governor: Behind LH Side Of Instrument Panel, Near Top Of Cowl
Knock Sensor (4.9L/6-300): LH Front Of Engine, Near Ignition Coil
Knock Sensor (5.0L/V8-302 & 5.8L/V8-351): Center Rear Of Engine, Behind Intake Manifold
Leece/Neville Alternator: RH Front Of Engine
Left Door Lock Control Switch: Center Of LH Front Door
Left Front Courtesy Lamp Switch: On Lower Rear Of LH Front Door Jamb
Left Front Door Courtesy Lamp: In Lower Rear Of LH Front Door
Left Front Door Lock Motor: In Rear Of LH Front Door
Left Front Door Speaker: In Top Front Of LH Front Door
Left Front Window Motor: In Lower Front Of LH Front Door
Left Glow Plugs: Top Of Respective LH Cylinders, Below Harness
Left Power Lumbar Compressor Motor: Under Front Of LH Front Seat
Left Power Lumbar Switch: LH Side Of LH Front Seat
Left Power Mirror: Top Front Of LH Front Door
Left Rear Courtesy Lamp Switch: On Front Of LH Rear Door Jamb
Left Rear Door Courtesy Lamp: In Lower Rear Of LH Rear Door
Left Rear Speaker (Bronco): LH Side Of Cargo Area, Forward Of Wheel Well
Left Rear Speaker (F-Series): LH Rear Of Cab, Behind Trim Panel
License Lamp (Without Rear Bumper): Lower Rear Of Vehicle, Near License Plate Holder
License Lamp (With Rear Bumper): Center Rear Of Vehicle, On Respective Sides Of License Plate
Low Vacuum Warning Switch: RH Side Of Engine Compartment, Behind Right Battery
Manual Lever Position Sensor: Below Center Of Vehicle, LH Side Of Transmission
Map/Dome Lamps: Center Of Roof
Master Tailgate Window Switch: Top LH Side Of Instrument Panel, RH Side Of Main Light Switch
Master Window Control Switch: Top LH Side Of I/P, RH Side Of Main Light Switch
Multi-Function Switch: Top Of Steering Column
Oil Pressure Switch (4.9L/6-300): Lower LH Rear Of Engine, Near Oil Filter
Oil Pressure Switch (5.0L/V8-302 & 5.8L/V8-351): Lower LH Front Of Engine, Near Oil Filter
Oil Pressure Switch (7.3L/V8-444): Top Center Rear Of Engine
Outside Cargo/High Mount Stop Lamp: Top Center Rear Of Vehicle
Overdrive Switch: Top Of Steering Column

Overheat Warning Switch: LH Front Of Engine
Park Brake Switch: Behind LH Side Of Instrument Panel, Top Of Parking Brake Pedal
Plugged Fuel Filter Switch: RH Side Of Engine, In Fuel Filter/Heater Housing
Power Steering Pressure Switch: Lower LH Front Of Engine Compartment, On Power Steering Line
RABS Valve Assembly: On LH Frame Rail, Near Front Of Transmission
Radio: Top Center Of Instrument Panel
Radio Capacitor (Except 4.9L/6-300): LH Side Of Engine, Near Ignition Coil
Radio Capacitor (4.9L/6-300): LH Front Of Engine, Near Ignition Coil
Rear Anti-Lock Brake Module: Behind RH Side Of Instrument Panel, Behind Glove Compartment
Rear Body Marker Lamps: Center Rear Of Vehicle
Rear Park/Stop/Turn Lamps: Rear Of Vehicle, On Respective Sides
Rear Tank Fuel Gauge Sender: Below RH Rear Of Vehicle, In Rear Fuel Tank
Rear Tank Fuel Pump/fuel Gauge Sender: Below RH Rear Of Vehicle, In Rear Fuel Tank
Rear Window Defrost Control: Top LH Side Of Instrument Panel, Right Of Ignition Switch
Rear Window Defrost Grid: On Rear Window
Right Window Defrost Control: Top LH Side Of Instrument Panel, Right Of Ignition Switch
Right Front Courtesy Lamp Switch: On Front Of RH Front Door Jamb
Right Front Door Lock Motor: In Rear Of RH Front Door
Right Front Door Speaker: In Top Front Of RH Front Door
Right Front Window Motor: In Lower Front Of RH Front Door
Right Glow Plugs: Top Of Respective RH Cylinders, Below Harness
Right Power Lumbar Compressor Motor: Under Front Of RH Front Seat
Right Power Lumbar Switch: RH Side Of RH Front Seat
Right Power Mirror: Top Front Of RH Front Door
Right Rear Courtesy Lamp Switch: On Front Of LH Rear Door Jamb
Right Rear Door Courtesy Lamp: In Lower Rear Of RH Rear Door
Right Rear Door Lock Motor: In Rear Of RH Rear Door
Right Rear Speaker (Bronco): RH Side Of Cargo Area, Forward Of Wheel Well
Right Rear Speaker (F-Series): RH Rear Of Cab, Behind Trim Panel
Right Window Control Switch: Center Of RH Front Door
Seat Belt Switch: Inside LH Front Seat Belt Buckle Assembly
Side Body Marker Lamp: On Front And Rear Of Respective Rear Quarter Panels
Slip Ring Assembly: Top Of Steering Column, Below Steering Wheel
Speed Control Amplifier: Below Lower Center Of Instrument Panel
Speed Control Servo: LH Rear Of Engine Compartment Near Fender Apron
Speed Control Switch: In Steering Wheel
SPOUT Check Connector C1019: LH Rear Of Engine Compartment, Taped To Harness, Near TFI Ignition Module
Starter Motor: Lower RH Side Of Engine
Starter Relay (Except 7.3L/V8-444): Front Of RH Fender Apron, Behind Battery
Starter Relay (7.3L/V8-444): Front Of RH Fender Apron, Behind Right Battery
Starter Solenoid: Lower RH Side Of Engine, Above Starter Motor
Stop Lamp Switch: Behind LH Side Of Instrument Panel, On Brake Pedal Support
TFI Ignition Module: LH Rear Of Engine Compartment, On Fender Apron
Tailgate Latch Switch: In LH Side Of Tailgate, In Latch Assembly
Tailgate Power Window Motor: In Lower Center Of Tailgate
Tailgate Window Switch: LH Side Of Tailgate, Part Of Key Cylinder
Thermactor Air Bypass (TAB) Solenoid (4.9L/6-300): Top LH Rear Of Engine Near Rear Of Valve Cover
Thermactor Air Bypass (TAB) Solenoid (5.0L/V8-302 & 5.8L/V8-351): Top LH Rear Of Engine Near Rear Of LH Valve Cover
Thermactor Air Bypass (TAB) Solenoid (7.5L/V8-460): LH Side Of Engine, Near Ignition Coil
Thermactor Air Diverter (TAD) Solenoid (4.9L/6-300): LH Rear Of Engine, Near Rear Of LH Valve Cover
Thermactor Air Diverter (TAD) Solenoid (5.0L/V8-302 & 5.8L/V8-351): LH Side Of Engine, Near Rear Of LH Valve Cover
Throttle Position Sensor (4.9L/6-300): Top LH Rear Of Engine, On Throttle Body
Throttle Position Sensor (5.0L/V8-302 & 5.8L/V8-351): Top RH Front Of Engine, On Throttle Body
Throttle Position Sensor (7.5L/V8-460): Top LH Side Of Engine, On Side Of Throttle Body
Trailer Relay Box: LH Side Of Engine Compartment, In Engine Compartment Fuse Box
Transfer Case Assembly: Below Center Of Vehicle, On Rear Of Transmission
Transmission Electronic Control Assembly: LH Side Of Firewall, Below Brake Fluid Reservoir
Turn Flasher: Behind LH Side Of Instrument Panel, On Fuse Panel
VIP Test Connector: LH Side Of Engine Compartment On Bracket
Voltage Regulator: RH Side Of Engine Compartment, On Wheel Well, Below Starter Relay
Warning Chime Module: Behind Lower Center Of Instrument Panel
Windshield Washer Pump Motor (4.9L/6-300, 5.0L/V8-302 & 5.8L/V8-351): Lower LH Front Of Engine Compartment, In Windshield Washer Fluid Reservoir
Windshield Washer Pump Motor (7.3L/V8-444): LH Side Of Engine Compartment, In Windshield Washer Fluid Reservoir
Windshield Wiper Motor: Top LH Side Of Safety Wall

Connectors

- C101:** LH Side Of Engine Compartment, Side Of Wheel Well
C103 (7.3L/V8-444): LH Side Of Engine Compartment, Top Of Wheel Well
C103 (Except 7.3L/V8-444): LH Side Of Engine Compartment Top Of Wheel Well
C105: LH Side Of Engine Compartment, Top Of Wheel Well
C106: RH Rear Of Engine Compartment, Near Blower Motor
C108 (With Leece/Neville 165 Amp Alternator): RH Side Of Engine Compartment, Near Starter Relay
C108 (Without Leece/Neville 165 Amp Alternator): RH Side Of Engine Compartment, Near Voltage Regulator
C110: LH Side Of Engine Compartment, Top Of Wheel Well
C115 (With Leece/Neville 165 Amp Alternator): RH Side Of Engine Compartment, Near Starter Relay
C115 (Without Leece/Neville 165 Amp Alternator): RH Side Of Engine Compartment, Near Voltage Regulator
C116: Lower RH Side Of Engine, On Starter Solenoid
C117: Below Center Of Vehicle, Near LH Rear Of Transmission
C118: RH Front Of Engine, On Leece/Neville Alternator
C125: Center Rear Of Engine, On Valve Cover
C127: LH Side Of Transmission, On Backup/Neutral Safety Switch
C135 (4.9L/6-300, 5.0L/V8-302 & 5.8L/V8-351): Lower LH Rear Of Engine, On Oil Pressure Switch
C135 (7.3L & 7.5L): Top Center Rear Of Engine, On Oil Pressure Switch
C138: LH Side Of Engine Compartment, Top Of Wheel Well
C139: RH Front Of Engine Compartment, Behind Battery
C143 DSS Test Connector: LH Rear Of Engine Compartment, On Bracket
C149: LH Side Of Engine Compartment, Top Of Wheel Well
C150 (4.9L): RH Side Of Engine, On Coolant Temperature Sender
C150 (Except 4.9L): Top LH Front Of Engine, On Coolant Temperature Sender
C151: Top LH Side Of Safety Wall, On Wiper Motor
C152: Top LH Side Of Safety Wall, On Wiper Motor
C153: RH Front Of Engine, On Integral Alternator Regulator
C154: RH Front Of Engine, On Integral Alternator Regulator
C158: On LH Frame Rail, Near RABS Valve Assembly
C159 Anti-lock Test Connector: Behind RH Side Of Instrument Panel, Near Rear Anti-Lock (RABS) Module
C161: Front Of Transfer Case, Near 4x4 Hi/Low Indicator Switch
C162: RH Rear Of Engine Compartment, On A/C Clutch Cycling Pressure Switch
C163: LH Front Of Engine, On A/C Clutch Field Coil
C164 (4.9L/6-300): Front RH Side Of Engine, On Air Charge Temperature Sensor
C164 (5.0L/V8-302 & 5.8L/V8-351): Top Center Front Of Engine, On Air Charge Temperature Sensor
C164 (7.5L/V8-460): Top Center Of Engine, On Air Charge Temperature Sensor
C166: Top Of Transmission, On Backup Lamp Switch
C167: LH Side Of Transmission, On Backup/Neutral Safety Switch
C168: RH Side Of Safety Wall, Near Blower Motor
C169: RH Side Of Safety Wall, Near Blower Motor Resistor
C170: LH Rear Of Engine Compartment, On Brake Fluid Level Switch
C171 (4.9L/6-300): Lower RH Side Of Engine Compartment, On Canister Purge Solenoid
C171 (5.0L/V8-302 & 5.8L/V8-351): Front RH Side Of Engine, On Canister Purge Solenoid
C171 (7.5L/V8-460): RH Side Of Engine, On Canister Purge Solenoid
C172: On RH Side Of Engine Compartment, On Charge Indicator Lamp Relay
C173: LH Rear Of Engine Compartment, Near Hood Hinge
C174: Top Center Front Of Engine, On Cold Idle Solenoid
C175: Top Center Front Of Engine, On Cold Timing Advance Solenoid
C177 (With DRL): Front LH Side Of Lower Radiator Support, On Daytime Running Lamps (DRL) Module
C177 (Without DRL): Front LH Side Of Lower Radiator Support, On Daytime Running Lamps (DRL) Jumper
C178 (4.9L): LH Front Of Engine, Near Distributor
C178 (5.0L & 5.8L): Top Center Front Of Engine, Near Distributor
C178 (7.5L): Top LH Front Of Engine, To
 Distributor
C180 (4.9L): LH Rear Of Engine, On EGR Solenoid
C180: Top LH Side Of Engine, On EGR Control Solenoid
C181: LH Side Of Engine Compartment, On EGR Vacuum Regulator (EVP) Solenoid
C182 (4.9L/6-300): Top LH Rear Of Engine, On EGR Valve Position (EVP) Sensor
C182 (5.0L/V8-302 & 5.8L/V8-351): Top RH Front Of Engine, On EGR Valve Position Sensor
C182 (7.5L/V8-460): LH Rear Of Engine, On EGR Valve Position (EVP) Sensor
C183 (4.9L, 5.0L & 5.8L): Center Front Of Engine, On Engine Coolant Temperature (ECT) Sensor
C183 (7.5L): LH Front Of Engine, On Engine Coolant Temperature (ECT) Sensor
C184: Top LH Front Of Engine, To Engine RPM Sensor

- C185: LH Side Of Safety Wall, On EEC Module
- C186: Top RH Front Of Engine, On Engine Temperature Switch
- C187: Top LH Front Of Engine, On Fuel Injection Pump Lever (FIPL) Sensor
- C188: RH Side Of Engine, On Fuel Heater
- C190: Top RH Front Of Engine, On Fuel Lnjector No. 1
- C191 (4.9L): Top RH Front Of Engine, On Fuel Lnjector No. 2
- C191 (Except 4.9L): Top RH Side Of Engine, On Fuel Lnjector No. 2
- C192: Top RH Side Of Engine, On Fuel Lnjector No. 3
- C193: Top RH Rear Of Engine, On Fuel Injector No. 4
- C194 (4.9L): Top RH Rear Of Engine, On Fuel Lnjector No. 5
- C194 (Except 4.9L): Top LH Front Of Engine, On Fuel Lnjector No. 5
- C195 (4.9L): Top RH Rear Of Engine, On Fuel Injector No. 6
- C195 (Except 4.9L): Top LH Side Of Engine, On Fuel Injector No. 6
- C196 (5.0L & 5.8L): Top RH Side Of Engine, On Fuel Injector No. 7
- C196 (7.5L): Top LH Side Of Engine, On Fuel Injector No. 7
- C197 (5.0L & 5.8L): Top RH Rear Of Engine, On Fuel Lnjector No. 8
- C197 (7.5L): Top LH Rear Of Engine, On Fuel Lnjector No. 8
- C198 VIP Test Connector: LH Rear Of Engine Compartment, On Bracket
- C199 VIP Test Connector: LH Rear Of Engine Compartment, On Bracket
- C200: Behind LH Cowl Panel
- C201: Behind RH Cowl Panel
- C202: LH Rear Of Engine Compartment, In Safety Wall
- C203: Behind RH Cowl Panel
- C204: Behind Lower Center Of Instrument Panel, Near RH Side Of Ashtray Assembly
- C207: Behind Lower LH Side Of Instrument Panel, On Fuse Panel
- C209: Behind RH Cowl Panel
- C210: Behind Lower Center Instrument Panel
- C213: Behind RH Cowl Panel
- C214: Behind LH Cowl Panel
- C216: Behind Lower Center Of Instrument Panel, On Speed Control Amplifier
- C217: Behind Lower Center Of Instrument Panel, On Speed Control Amplifier
- C219: RH Side Of Steering Column, To Slip Ring Assembly And Ignition Key Warning Switch
- C220: Below Center Of Vehicle, Near Transfer Case Assembly
- C221: Behind RH Cowl Panel, On Electronic Shift Control Module
- C222: Behind RH Cowl Panel, Near Electronic Shift Control Module
- C223: Behind RH Cowl Panel, On Electronic Shift Control Module
- C224: Behind RH Side Of I/P, On Interval Governor
- C228: Behind RH Cowl Panel
- C229: Behind LH Cowl Panel
- C230: Top Of Steering Column, On Multi-function Switch
- C231: Top Steering Column, On Multi-function Switch
- C232: Enable PSOM Programming Connector: Behind Lower RH Side Of I/P, Below Glove Compartment
- C233: Behind Lower Center Of I/P, On Auxiliary Power Socket
- C234: Behind LH Cowl Panel
- C235: Behind Lower Center Of I/P, On Auxiliary Power Socket
- C250: Behind Top LH Side Of I/P, On Instrument Cluster
- C251: Behind Top LH Side Of I/P, On Instrument Cluster
- C252: Behind Top LH Side Of I/P, On Instrument Cluster
- C257: Behind Top Center Of Instrument Panel, On Radio
- C258: Behind Center Of Instrument Panel, On Radio
- C260: Behind Center Of Instrument Panel, On Blower Motor Switch
- C261 (Manual): Behind LH Side Of Instrument Panel, On Clutch Interlock Switch
- C261 (Automatic): Behind LH Side Of Instrument Panel, On Clutch Interlock Switch Jumper
- C262: In Front Of RH Door Jamb, On Right Courtesy Lamp Switch
- C263: In Lower Rear Of LH Front Door Jamb, On Left Front Courtesy Lamp Switch
- C264: Behind Top LH Side Of Instrument Panel, On Diesel Warning Lamp Display
- C267: Behind Top LH Side Of Instrument Panel, On Electronic Shift Control Switch
- C268: Behind Top LH Side Of Instrument Panel, On Fuel Tank Selector Switch
- C269: Top RH Side Of Steering Column, On Ignition Switch
- C271: Behind LH Side Of Instrument Panel, On Inertia Switch
- C273: Behind Top LH Side Of Instrument Panel, On Main Light Switch
- C274: LH Side Of Instrument Panel, On Master Tailgate Window Switch
- C275: Top Of Steering Column, Near Overdrive Cancel Switch
- C276: Behind LH Side Of Instrument Panel, On Park Brake Switch
- C277: Behind RH Side Of Instrument Panel, On Rear Anti-Lock Brake (RABS) Module

- C278: Behind Top LH Side Of Instrument Panel, On Rear Window Defrost Control
- C279: Behind LH Side Of Instrument Panel, On Stop Lamp Switch
- C280: Behind Lower Center Of Instrument Panel, On Warning Chime Module
- C282: In Center Of Steering Wheel, To Speed Control Switch
- C283: In Steering Wheel, On Horn Switch
- C292: Behind RH Side Of Instrument Panel, On Glove Compartment Lamp
- C293: Behind Lower Center Of Instrument Panel, On Ashtray Illumination
- C294: Behind Lower Center Of Instrument Panel, On Cigar Lighter
- C295: Behind Lower Center Of Instrument Panel, On Cigar Lighter
- C296 (With A/C): Behind Center Of Instrument Panel, On Air Conditioning/Heater Control Assembly
- C296 (Without A/C): Behind Center Of Instrument Panel, On Heater Control Assembly
- C298: Behind Center Of Instrument Panel, On Heater Control Illumination
- C300: At Base Of LH "B" Pillar
- C302: Below RH Side Of LH Front Seat, To Seat Belt Switch
- C303: At Base Of RH "B" Pillar
- C304: At Base Of LH "B" Pillar
- C305: Under LH Side Of LH Front Seat, To Left Power Lumbar Switch
- C306: Under LH Side Of LH Front Seat, To Left Power Lumbar Switch
- C310: LH Side Of Tailgate, Near Rear Window, On Rear Window Defrost Grid
- C311: Center Of Tailgate, Near Rear Window, On Rear Window Defrost Grid
- C312 (With Captain Chairs): Under Front Of LH Front Seat, On Left Power Lumbar Motor
- C312 (Without Captain Chairs): Under Front Of Front Seat, On Left Power Lumbar Motor
- C313: Below LH Front Seat
- C314: Below RH Front Seat
- C315: At Base Of LH "B" Pillar
- C317: Under Front Of RH Front Seat, On Right Power Lumbar Motor
- C318: LH Rear Of Cargo Area, Near Center Of "D" Pillar
- C320: In Center Of Roof
- C321: In Front Of LH Rear Door Jamb, On Left Rear Courtesy Lamp Switch
- C322: In Front Of RH Rear Door Jamb, On Right Rear Courtesy Lamp Switch
- C326 (Bronco): LH Side Of Cargo Area, On Left Rear Speaker
- C326 (F-Series): LH Rear Of Cab, On Left Rear Speaker
- C327 (Bronco): RH Side Of Cargo Area, On Left Rear Speaker
- C327 (F-Series): RH Rear Of Cab, On Right Rear Speaker
- C400: Under Center Rear Of Vehicle, Near Rear Crossmember
- C401: Under LH Rear Of Vehicle, Near Rear Crossmember
- C403: Below LH Rear Of Vehicle, Forward Of Rear Fuel Tank
- C405: Under LH Rear Of Vehicle, On Frame Rail, Near Fuel Tank
- C406: Under LH Rear Of Vehicle, Near Rear Crossmember
- C407: Under Center Rear Of Vehicle, Near Rear Crossmember
- C408: Under RH Rear Corner Of Vehicle
- C409: Under LH Rear Corner Of Vehicle
- C410: Under Center Rear Of Vehicle, Near Rear Body Marker Lamps
- C411: In LH Rear Quarter Panel, Forward Of Wheel Well, To Left Rear Side Body Marker Lamp
- C412: In LH Rear Quarter Panel, Behind Wheel Well, To Left Rear Side Body Marker Lamp
- C413: In RH Rear Quarter Panel, Forward Of Wheel Well, To Right Rear Side Body Marker Lamp
- C417: Under Center Rear Of Vehicle, Near Rear Crossmember
- C418: Under LH Rear Of Vehicle, Near Rear Light Assembly
- C420: In RH Rear Quarter Panel, Behind Of Wheel Well, To Right Rear Side Body Marker Lamp
- C421: Top RH Side Of Front Fuel Tank, On Front Tank Fuel Gauge Sender
- C423: Under LH Side Of Vehicle, At Frame Rail, On Fuel Tank Selector Valve
- C427: Top RH Side Of Rear Fuel Tank, On Rear Tank Fuel Gauge Sender
- C428: In LH Side Of Tailgate, On Tailgate Latch Switch
- C429: In Lower Center Of Tailgate, To Tailgate Power Window Motor
- C431: LH Rear Of Vehicle, On Left Rear Park/Stop/Turn Lamp
- C432: RH Rear Of Vehicle, On Right Rear Park/Stop/Turn Lamp
- C433: LH Rear Of Vehicle, On Left Back-Up Lamp
- C434: RH Rear Of Vehicle, On Right Back-Up Lamp
- C435: Center Rear Of Vehicle, On License Lamp
- C436: Center Rear Of Vehicle, On License Lamp
- C440: Top RH Side Of Front Fuel Tank, On Front Tank Fuel Pump/fuel Gauge Sender
- C441 (Bronco): Top RH Side Of Fuel Tank, On Fuel Pump/fuel Gauge Sender
- C441 (F-Series): Top RH Side Of Rear Of Fuel Tank, On Fuel Pump/fuel Gauge Sender
- C444: Below Rear Of Vehicle, On Differential Speed Sensor (DSS)
- C446: Lower Rear Of Vehicle, Near License Plate, On License Lamp

C447: LH Rear Of Vehicle, On Left Backup Lamp
C448: RH Rear Of Vehicle, On Left Backup Lamp
C500: In Lower Front Of LH Door, On Left Front Window Motor
C502: In Rear Of LH Front Door, On Left Front Door Lock Motor
C503: In Center Of LH Front Door, On Master Window Control Switch And Left Door Lock Control Switch
C504: In Lower Rear Of LH Front Door, On Left Front Door Courtesy Lamp
C507: In Top Front Of LH Front Door, On Left Front Door Speaker
C508: In Front Of LH Front Door, To Left Power Mirror
C509: Behind RH Cowl Panel
C550: In Center Of LH Front Door, Near Power Mirror Switch
C600: In Lower Front Of RH Door, To Right Front Window Motor
C602: In Rear Of RH Front Door, On Right Door Lock Motor
C603: In Center Of RH Front Door, On Right Window Control Switch And Right Door Lock Control Switch
C606: In Lower Rear Of RH Front Door, On Right Front Door Courtesy Lamp
C607: In Top Front Of RH Front Door, On Right Front Door Courtesy Lamp
C608: In Front Of RH Front Door, To Right Power Mirror
C700: In Lower Rear Of LH Rear Door, On Left Rear Door Courtesy Lamp
C701: In Rear Of LH Rear Door, On Left Rear Door Lock Motor
C800: In Lower Rear Of RH Rear Door, On Right Rear Door Courtesy Lamp
C801: In Rear Of RH Rear Door, On Right Rear Door Lock Motor
C900: RH Side Of Windshield Header, To Cab Marker Lamp
C901: RH Center Of Windshield Header, To Cab Marker Lamp
C902: Center Of Windshield Header, To Cab Marker Lamp
C903: LH Center Of Windshield Header, To Cab Marker Lamp
C904: LH Side Of Windshield Header, To Cab Marker Lamp
C905 (With Map Lamp): Center Of Roof, On Map/Dome Lamp
C905 (Without Map Lamp): Center Of Roof, On Dome Lamp
C906 (With Map Lamp): Center Of Roof, On Map/Dome Lamp
C906 (Without Map Lamp): Center Of Roof, On Dome Lamp
C907: Top Center Rear Of Vehicle, On Outside Cargo/High Mount Stop Lamp
C908: Center Of Rear Window Header, Near Inside Cargo Lamp
C910: Center Of Rear Window Header, On Cargo Lamp
C1000: Top Center Front Of Engine, On Fuel Shutoff Solenoid
C1001: RH Side Of Engine, On Fuel Water Switch
C1002: Top Center Rear Of Engine, On Glow Plug Controller
C1003: RH Side Of Engine Compartment, Behind Battery
C1005: Front RH Side Of Lower Radiator Support, On Low Pitch Horn
C1006: Front RH Side Of Lower Radiator Support, On High Pitch Horn
C1007 (4.9L/6-300): Top LH Side Of Engine, On Idle Air Bypass Valve
C1007 (5.0L/V8-302 & 5.8L/V8-351): Top RH Front Of Engine, On Idle Air Bypass Valve
C1007 (7.5L/V8-460): Top Center Of Engine, On Idle Air Bypass Valve
C1008 (4.9L/6-300): LH Front Of Engine, On Ignition Coil
C1009 (4.9L/6-300): LH Front Of Engine, On Knock Sensor
C1009 (5.0L/V8-302): Center Rear Of Engine, On Knock Sensor
C1010 (5.0L/V8-302): RH Side Of Engine Compartment, On Low Vacuum Warning Switch
C1011: Top RH Side Of Safety Wall, On Manifold Absolute Pressure (MAP) Sensor
C1012: Below Center Of Vehicle, LH Side Of Transmission, On Manual Lever Position Sensor
C1014: LH Front Of Engine, On Overheat Warning Switch
C1015: RH Side Of Engine, On Plugged Fuel Filter Switch
C1016: Lower LH Front Of Engine Compartment, On Power Steering Pressure Switch
C1017 (4.9L/6-300): LH Front Of Engine, Near Radio Capacitor
C1017 (Except 4.9L/6-300): LH Side Of Engine, Near Radio Capacitor
C1018: LH Rear Of Engine Compartment, On Speed Control Servo
C1019 (4.9L/6-300): LH Rear Of Engine Compartment, Near TFI Ignition Module
C1021: LH Rear Of Engine Compartment, On TFI Ignition Module
C1022 (Except 7.5L): Top LH Rear Of Engine, On Thermactor Air Bypass (TAB) Solenoid
C1022 (7.5L): LH Side Of Engine, On Thermactor Air Bypass (TAB) Solenoid
C1023: Top LH Rear Of Engine, On Thermactor Air Diverter (TAD) Solenoid
C1024: Top RH Front Of Engine, Near Throttle Position Sensor (TPS)
C1025 (4.9L): Lower RH Side Of Engine, To Heated Exhaust Gas Oxygen (HEGO) Sensor
C1025 (5.0L) (5.8L Under 8500 GVW): Lower RH Side Of Engine, To Heated Exhaust Gas Oxygen (HEGO) Sensor
C1025 (5.8L Under 8500 GVW) (7.5L) (C6 Transmission): Lower RH Side Of Engine, To Heated Exhaust Gas Oxygen (HEGO) Sensor
C1025 (5.8L Under 8500 GVW) (7.5L) (E4OD Transmission): Below RH Side Of Engine, To Heated Exhaust Gas Oxygen (HEGO) Sensor
C1025 (5.8L Under 8500 GVW) (7.5L) (S5-ZF Transmission): Below RH Side Of Engine, To Heated Exhaust Gas Oxygen (HEGO) Sensor
C1026 (4.9L): Top LH Rear Of Engine, On Throttle Position Sensor (TPS)

C1026 (7.5L): Top LH Side Of Engine, On Throttle Position Sensor (TPS)
C1027: LH Side Of Safety Wall, On Transmission Electronic Control Assembly (TECA)
C1028: Below Center Of Vehicle, On Vehicle Speed Sensor
C1030 (7.3L/V8-444): LH Side Of Engine Compartment, On Washer Pump Motor
C1030 (Except 7.3L/V8-444): Lower LH Front Of Engine Compartment On Washer Pump Motor
C1031: Front Of Vehicle, On Left Front Park/Turn Lamp
C1032: Front Of Vehicle, On Right Front Park/Turn Lamp
C1033: Front Of Vehicle, On Left Headlamp
C1034: Front Of Vehicle, On Right Headlamp
C1035: LH Underside Of Engine Compartment Hood, On Engine Compartment Lamp
C1040: Top Of Engine, On Glow Plug No. 1
C1041: Top Of Engine, On Glow Plug No. 2
C1042: Top Of Engine, On Glow Plug No. 3
C1043: Top Of Engine, On Glow Plug No. 4
C1044: Top Of Engine, On Glow Plug No. 5
C1045: Top Of Engine, On Glow Plug No. 6
C1046: Top Of Engine, On Glow Plug No. 7
C1047: Top Of Engine, On Glow Plug No. 8
C1048: Below Center Of Vehicle, On RH Side Of E40D Transmission
C1052: Front Of Vehicle, On Right Front Side Marker Lamp
C1053: Front Of Vehicle, On Right Front Side Marker Lamp
C1054: Front Of Vehicle, On Left Front Side Marker Lamp
C1055: Front Of Vehicle, On Left Front Side Marker Lamp

Grounds

G100 (4.9L/6-300): LH Front Of Engine Compartment, Top Of Upper Radiator Support
G100 (Except 4.9L/6-300): LH Front Of Engine Compartment, On Upper Radiator Support
G101 (4.9L/6-300, 5.0L/V8-302 & 5.8L/V8-351): RH Front Of Engine Compartment, On Front Of Fender Apron
G101 (7.3L/V8-444 & 7.5L/V8-466): RH Front Of Engine Compartment, On Front Of Fender Apron
G103 (Except 4.9L/6-300): Lower RH Front Of Engine
G103 (4.9L/6-300): Lower RH Rear Of Engine, On Starter Motor Mounting Bolt
G104: Rear Of LH Fender Apron
G106: Lower RH Front Of Engine
G107: Lower LH Front Of Engine
G108: RH Front Of Engine Compartment, On Upper Radiator Support
G200: Behind Bottom Of RH Cowl Panel
G201: Behind Bottom Of LH Cowl Panel
G400: LH Rear Of Cargo Area, Near Rear Light Assembly
G401: Under Center Rear Of Vehicle, On Rear Crossmember

Splices

S100: Engine Control Sensor Harness, Near Tape Out To Right Front Park/Turn Lamp
S101: Engine Control Sensor Harness, Near Tape Out To Engine Compartment Fuse Box
S102: Engine Control Sensor Harness, Near Tape Out To Brake Warning Resistor/Diode Assembly
S103: Engine Control Sensor Harness, Near Tape Out To Front Park/Turn Lamp
S106 (Diesel Engine): Engine Control Sensor Harness, Near Tape Out To G100
S106 (Gasoline Engine): Engine Control Sensor Harness, Near Tape Out To G101
S108: Engine Control Sensor Harness, Near Tape Out To Brake Warning Resistor/Diode Assembly
S109 (Diesel Engine): Engine Control Sensor Harness, Near Tape Out To C111
S109 (Gasoline Engine): Engine Control Sensor Harness, Near Tape Out To C105
S110: Engine Control Sensor Harness, Near Tape Out To Right Front Park/Turn Lamp
S111: In 7.3L Diesel Engine PIA Harness
S112: In 7.3L Diesel Engine PIA Harness
S113: In 7.3L Diesel Engine PIA Harness
S114: Engine Control Sensor Harness, Near Tape Out To Brake Warning Resistor/diode Assembly
S115: Engine Control Sensor Harness, Near Tape Out To Left Headlamp
S116: Engine Control Sensor Harness, Near Tape Out To C103
S117: Engine Control Sensor Harness, Near Tape Out To Left Headlamp
S122: Engine Control Sensor Harness, Near Tape Out To Brake Warning Resistor/diode Assembly
S123: Engine Control Sensor Harness, Near Tape Out To Electronic Engine Control (EEC) Module
S124: Dash Engine Gauge Feed Harness, Near Tape Out To EGR Control Solenoid
S125: Engine Control Sensor Harness, Near Tape Out To Electronic Engine Control (EEC) Module

S126: Engine Control Sensor Harness, Near Tape Out To Brake Warning Resistor/Diode Assembly
S128: Fuel Charge Harness, Near Tape Out To Air Charge Temperature (ACT) Solenoid
S129: Fuel Charge Harness, Near Tape Out To Fuel Injector No. 3
S130: Fuel Charge Harness, Near Tape Out To Fuel Injector No. 4
S131 (4.9L): Fuel Charge Harness, Near Tape Out To Fuel Injector No. 6
S131 (5.0L) (5.8L) (7.5L): Fuel Charge Harness, Near Tape Out To Fuel Injector No. 8
S132: Fuel Charge Harness, Near Tape Out To Fuel Injector No. 5
S133 (4.9L): Dash Engine Gauge Feed Harness, Near Tape Out To EGR Control Solenoid
S133 (5.0L) (5.8L) (7.5L): Fuel Charge Harness, Near Tape Out To Fuel Injector No. 4
S134 (C6 Transmission): Backup Lamp Switch To Rear Lamp Feed Harness, Near Tape Out To C117
S134 (E4OD Transmission): Backup Lamp Switch To Rear Lamp Feed Harness, Near Tape Out To Manual Lever Position Sensor
S134 (S5-42 ZF Transmission): Backup Lamp Switch To Rear Lamp Feed Harness, Near Tape Out To Backup Lamp Switch
S135 (4.9L): Dash Engine Gauge Feed Harness, Near Tape Out To Throttle Position Sensor (TPS)
S135 (5.0L) (5.8L): Fuel Charge Harness, Near Tape Out To Canister Purge Solenoid
S137: Engine Control Sensor Harness, Near Tape Out To Brake Warning Resistor/Diode Assembly
S138: Fuel Charge Harness, Near Tape Out To Air Charge Temperature (ACT) Sensor
S146: Backup Lamp Switch To Rear Lamp Feed Harness, In Tape Out To Manual Lever Position Sensor
S147: Engine Control Sensor Harness, Near Tape Out To C103
S152: Heater Switch To Blower Motor Harness, Near Tape Out To Blower Motor
S153: Heater Switch To Blower Motor Harness, Near Tape Out To Blower Motor
S154: Engine Control Sensor Harness, Near Tape Out To Left Headlamp
S155: Engine Control Sensor Harness, Near Tape Out To G100
S156: Engine Control Sensor Harness, Near Tape Out To Left Front Park/Turn Lamp
S157: Engine Control Sensor Harness, Near Tape Out To Transmission Electronic Control Assembly (TECA)
S163 (Diesel Engine): Engine Control Sensor Harness, Near Tape Out To C108
S163 (Gasoline Engine): Engine Control Sensor Harness, Near Tape Out To Electronic Engine Control (EEC) Module
S164: Engine Control Sensor Harness, Near Tape Out To Left Headlamp
S165: Engine Control Sensor Harness, Near Tape Out To Left Headlamp
S171: Engine Control Sensor Harness, Near Tape Out To Left Headlamp
S199 (4.9L): Dash Engine Gauge Feed Harness, Near Tape Out To Ignition Coil
S199 (5.0L) (5.8L): Fuel Charge Harness, Near Tape Out To Ignition Coil
S200: Seat Belt Retractor Switch RH Harness, Near Tape Out To G201
S201: Seat Belt Retractor Switch RH Harness, Near Tape Out To C302
S202: Main Harness, Near Tape Out To C210
S203: Main Harness, Near Tape Out To Enable PSOM Programming Connector C232
S206: Main Harness, Near Tape Out To Fuse Panel
S207: Main Harness, Near Tape Out To Clutch Interlock Switch Or Jumper
S207: Main Harness, Near Tape Out To C210
S210: Main Harness, Near Tape Out To C210
S211: Main Harness, Near Tape Out To Fuse Panel
S213: Main Harness, Near Tape Out To Warning Chime Module
S214: Main Harness, Near Tape Out To Warning Chime Module
S215: Main Harness, Near Tape Out To C251
S216: Main Harness, Near Tape Out To G200
S217: Main Harness, Near Tape Out To Fuse Panel
S218: Main Harness, Near Tape Out To Radio
S219: Rear Lamps Harness, Near Tape Out To C205
S220: Main Harness, Near Tape Out To Enable PSOM Programming Connector C232
S222 (Bronco) (Super Cab): Seat Belt Retractor Switch RH Harness, Near Tape Out To C300
S222 (Regular Cab): Seat Belt Retractor Switch RH Harness, Near Tape Out To C229
S224: Main Harness, In Tape Out To Clutch Interlock Switch Or Jumper
S225: Rear Lamp Harness, Near Tape Out To C205
S228: Main Harness, In Tape Out To Rear Anti-Lock Brake (RABS) Module
S229: Main Harness, Near Tape Out To Blower Motor Switch
S230: Main Harness, Near Tape Out To Main Light Switch
S234: Main Harness, Near Tape Out To C202
S236: Main Harness, Near Tape Out To Fuse Panel
S237: Main Harness, Near Tape Out To Stop Lamp Switch
S238: Main Harness, Near Tape Out To Interval Governor
S220: Main Harness, Near Tape Out To Clutch Interlock Switch Or Jumper
S241: Main Harness, Near Tape Out To Rear Window Defrost Control
S242: Main Harness, Near Tape Out To Fuse Panel
S243: Main Harness, Near Tape Out To C251
S244: Main Harness, Near Tape Out To C210
S245: Main Harness, Near Tape Out To Clutch Interlock Switch Or Jumper

S246: Main Harness, Near Tape Out To Speed Control Amplifier
S247: Main Harness, Near Tape Out To C202
S248: Main Harness, Near Tape Out To C202
S249: Main Harness, Near Tape Out T Fuel Tank Selector Switch
S250: Main Harness, Near Tape Out To Main Light Switch
S251: Seat Belt Retractor Switch Harness, Near Tape Out To C300
S252: Main Harness, Near Tape Out To Clutch Interlock Switch Or Jumper
S253: Main Harness, Near Tape Out To Clutch Interlock Switch Or Jumper
S254: Rear Lamps Harness, Near Tape Out To RABS Valve Assembly
S255: Window Regulator Left Front Door Harness, Near Tape Out To C214
S256: Window Regulator Left Front Door Harness, Near Tape Out To C214
S299: Main Harness, Near Tape Out To Right Front Courtesy Lamp Switch
S305: Seat Belt Retractor Switch RH Harness, Near Tape Out To C300
S307: Front Seat Back Pad Adjust Harness, Near Tape Out To Power Lumbar Compressor Motor
S308: Rear High Mount Lamp Harness, Near Tape Out To Outside Cargo/High Mount Stop Lamp
S309: Seat Belt Retractor Switch RH Harness, Near Tape Out To C300
S310: Front Seat Back Pad Adjust Harness, Near Tape Out To Power Lumbar Compressor Motor
S311: Seat Belt Retractor Switch RH Harness, Near Tape Out To C302
S312: Seat Belt Retractor Switch RH Harness, Near Tape Out To C302
S314 (Crew Cab): Seat Belt Retractor Switch RH Harness, Near Tape Out To C302
S314 (Except Crew Cab): Seat Belt Retractor Switch RH Harness, Near Tape Out To C302
S400 (Bronco): Rear Lamps Harness, Near Tape Out To Fuel Pump/Fuel Gauge Sender
S400 (F-Series) (Diesel Engine): Rear Lamps Harness, Near Tape Out To Front Tank Fuel Gauge Sender
S400 (F-Series) (Gasoline Engine): Rear Lamps Harness, Near Tape Out To Front Tank Fuel Pump/Fuel Gauge Sender
S401: Rear Lamps Harness, Near Tape Out To License Lamps
S403: Rear License Lamp Harness, In Tape Out To C400
S404 (With Flare Side): Rear Lamp Connector Harness, Near Tape Out To C401
S404 (Without Flare Side): Rear Lamp Connector Harness, Near Tape Out To C400
S405: Left Lamp Connector Harness, Near Tape Out To Left Backup Lamp
S406: Right Rear Lamp Connector Harness, Near Tape Out To Right Backup Lamp
S409: Left Marker Lamp Harness, Near Tape Out To C412
S410: Right Marker Lamp Harness, Near Tape Out To C420
S417 (Bronco): Rear Lamp Harness, Near Tape Out To License Lamp
S417 (With Chassis Cab): Rear Lamp Connector Harness, Near Tape Out To
S417 (With Flare Side): Rear Lamp Connector Harness, Near Tape Out To C401
S417 (Without Flare Side): Rear Lamp Connector Harness, Near Tape Out To C400
S418: Rear License Lamp Harness, Near Tape Out To C400
S419: Rear Lamps Harness, Near Tape Out To C401
S420: Rear Lamp Connector Harness, Near Tape Out To C410
S421: Left Marker Harness, In Tape Out To C412
S422: Right Marker Lamp Harness, In Tape Out To C420
S423: Rear Window Regulator Control Harness, Near Tape Out To Tailgate Window Switch
S424: Rear Lamps Harness, Near Tape Out To License Lamps
S426: Rear Lamp Connector Harness, Near Tape Out To C401
S428: Rear Lamps Harness, Near Tape Out To Differential Speed Sensor (DSS)
S429: Rear Lamps Harness, Near Tape Out To Differential Speed Sensor (DSS)
S500: Window Regulator Left Front Door Harness, Near Tape Out To Master Window Control Switch
S501: Window Regulator Left Front Door Harness, Near Tape Out To C500
S600: Window Regulator Right Front Door Harness, Near Tape Out To Right Window Control Switch
S601: Window Regulator Right Front Door Harness, Near Tape Out To C600