

# WIRING DIAGRAMS

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## GENERAL INFORMATION

## INDEX

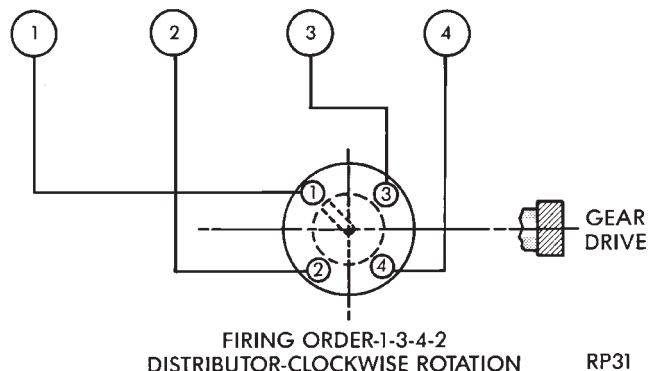
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The wiring diagrams contain the latest information at the time of publication.

Throughout this group references may be made to a particular vehicle by letter or number designation. A chart showing the breakdown of these designations is included in the Introduction Section at the front of this service manual.

### SECONDARY IGNITION WIRING

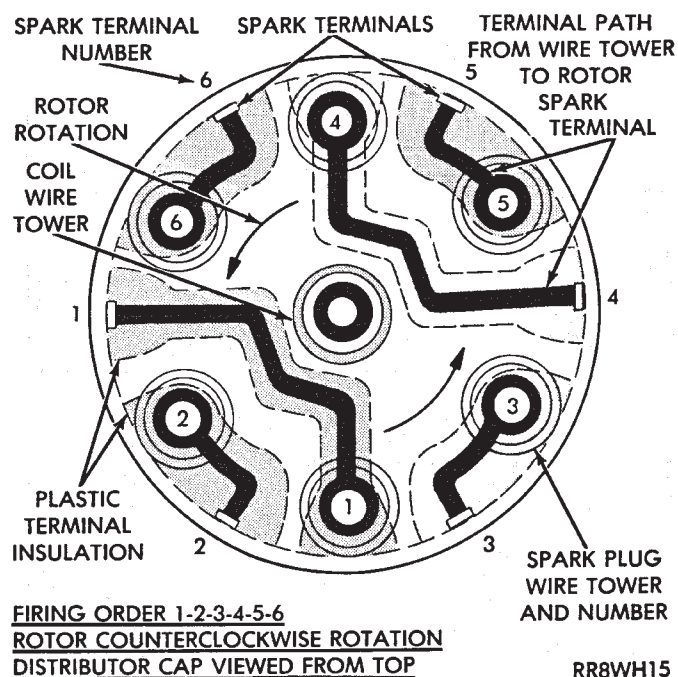
Secondary ignition wiring is shown in Figures 1, 2, 3, and 4. For additional information on ignition systems or distributor operation refer to Group 8D Ignition Systems in this manual.



**Fig. 1 Secondary Ignition Wiring 2.5L Engine**

### WIRING DIAGRAM SHEETS AND INDEXES

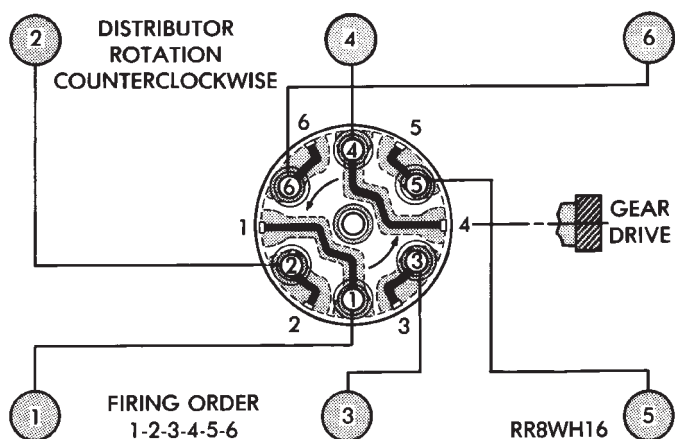
The diagrams are organized to show the basic vehicle and all of its options. Add-on or non-factory options are not covered. The diagram pages are iden-



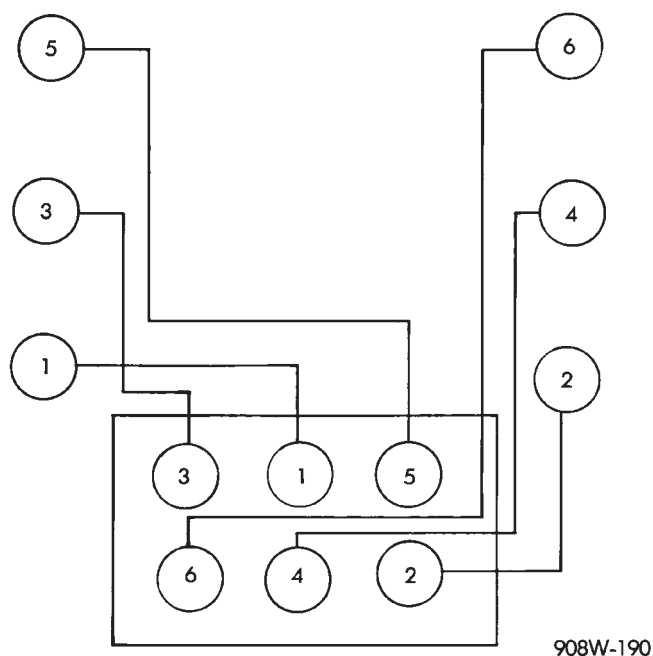
**Fig. 2 Distributor Cap 3.0L V6 Engine**

tified by a sheet number which is located at the lower right or left hand corner of each sheet. **Page numbers at the top of each page do not apply to diagram sheets.**

Diagram sheets show all information relating to the system. This includes feeds, grounds, switch internal circuitry, connectors, splices, and pin identification for controllers and modules.



**Fig. 3 Secondary Ignition Wiring 3.0L V6 Engine**



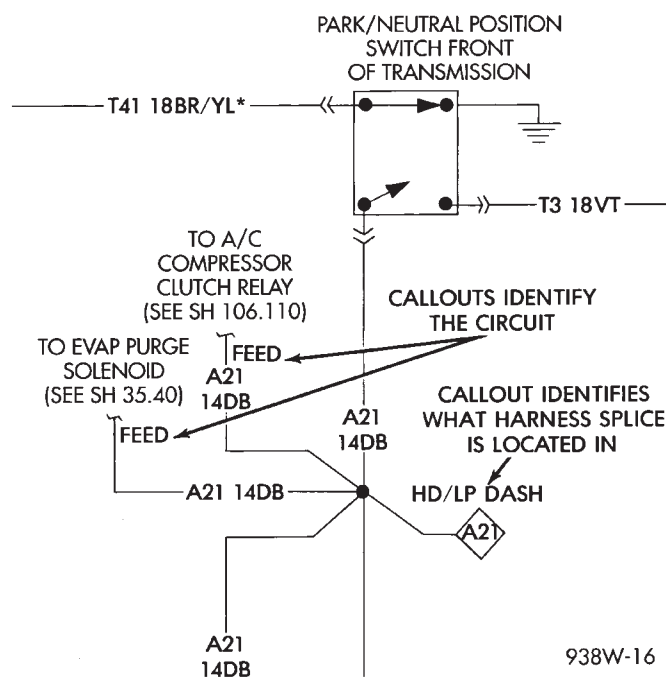
**Fig. 4 Secondary Ignition Wiring 3.3L V6 Engine**

In certain instances a wire may be referenced to another sheet. When this happens, the wire will be identified as to what it is ie: feed, ground, etc, and where its going (Fig. 5). This has been done to aid in the diagnosis of wiring and component problems.

The index used for the diagrams is located at the beginning of the section. It is in alphabetical order to identify the main system and all related components.

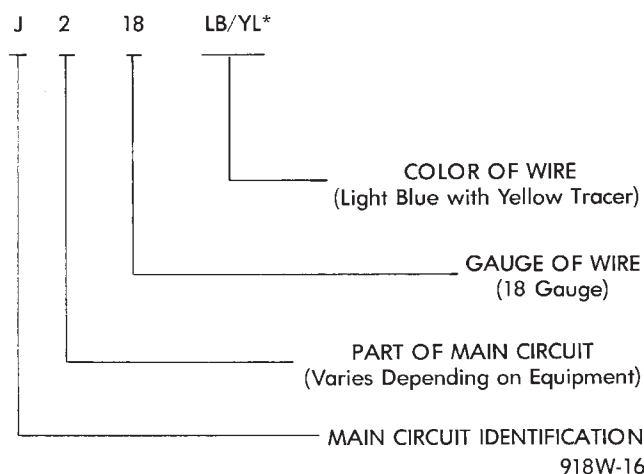
### WIRE CODE IDENTIFICATION

Each wire shown in the diagrams contains a code (Fig. 6) which identifies the main circuit, part of the main circuit, gauge of wire, and color. The color is shown as a two letter code which can be identified by referring to the Wire Color Code Chart (Fig. 7). If the wire has a tracer and it is a standard color an asterisk will follow the main wire color. If the tracer is



**Fig. 5 Wiring Diagram Page Sample**

non-standard the main wire color will have a slash (/) after it followed by the tracer color.



**Fig. 6 Wire Color Code Identification**

### CIRCUIT IDENTIFICATION

All circuits in the diagrams use an alpha/numeric code to identify the wire and its function. To identify which circuit code applies to a system, refer to the Circuit Identification Code Chart. This chart shows the main circuits only and does not show the secondary codes that may apply to some models.

### LOCATING A SYSTEM

To locate a system or component in the diagrams, refer to the alphabetical index at the front of the diagrams. Determine the diagram sheet number. Sheet numbers are located at the lower right or left hand corner of each sheet. **Page numbers at the top of the page do not apply to diagram sheets.**

COLOR CODE	COLOR	STANDARD TRACER COLOR	COLOR CODE	COLOR	STANDARD TRACER CODE
BL	BLUE	WT	OR	ORANGE	BK
BK	BLACK	WT	PK	PINK	BK OR WT
BR	BROWN	WT	RD	RED	WT
DB	DARK BLUE	WT	TN	TAN	WT
DG	DARK GREEN	WT	VT	VIOLET	WT
GY	GRAY	BK	WT	WHITE	BK
LB	LIGHT BLUE	BK	YL	YELLOW	BK
LG	LIGHT GREEN	BK	*	WITH TRACER	

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Fig. 7 Wire Color Code Chart

The diagram index identifies the main system and all components in that system. There are also sections of the index that identify specific components only (for example modules, lamps, etc.). Refer to a components name in the index if you are unclear as to what a system may be called.

Diagram pages are arranged starting with the battery and fuses. Then working into charging, starting, and ignition systems. After this they start at the front of the vehicle and work to rear of the vehicle. The diagrams end with connector identification pages.

COMPONENT IDENTIFICATION

When looking for a components location on the vehicle refer to the wiring and components section index. This section shows the wire harness routing and the components location in the vehicle. To use this section refer to the wiring diagrams for the location of the component. Then use the component identification index to locate the proper figure number.

SPLICE LOCATIONS

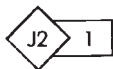
Splice locations are indicated in the diagrams by a diamond with a splice circuit code within it (Fig. 8 example 1). If there is more than one splice per circuit a small box will be connected to it with the splice number in it (Fig. 8 example 2).

To locate a splice in the wiring harness determine the splice number from the wiring diagrams, then refer to the splice location index. This section shows the general location of the splice in the harness.

The wiring diagrams also indicate what harness the splice is located in. To identify the harness an abbreviated call out is placed next to the main splice (Fig. 5).



EXAMPLE 1



EXAMPLE 2

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Fig. 8 Wiring Splice Examples

MAIN CIRCUIT IDENTIFICATION			
CIRCUIT	DESCRIPTION	CIRCUIT	DESCRIPTION
A	Battery Feed: Fused and Unfused	P	Power Assist System: Locks, Mirrors
B	ABS System	Q	Power Assist System: Windows
C	Air Conditioning System	R	Airbag System
D	CCD (+), CCD (-)	S	Air Suspension, Automatic Load Leveling
E	Interior Lamp Illumination	T	Electronic Automatic Transaxle
F	Battery Feed: Fused and Unfused	V	Windshield Wipers and Washers, Vehicle Speed Control System
G	Sensors, Sending Units, Switches	W	Power Assist System: Windows
K	Powertrain Central Module	X	Horn, Radio, Radio Speakers, Power Locks
L	Exterior Lighting, Stop Lamp Switch	Z	Ground Circuits: Includes power and signal grounds for PCM
M	Interior Lamps		

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## CONNECTORS

The connectors shown in the diagram sheets are viewed from the terminal end unless otherwise specified. For viewing bulkhead, powertrain control module, and transmission control module connectors refer to the rear of the wiring diagrams. This area shows major connectors for pin and cavity information.

## TROUBLESHOOTING WIRING PROBLEMS

When troubleshooting wiring problems there are six steps which can aid in the procedure. The steps are listed and explained below.

- (1) Verify the problem.
- (2) Verify any related symptoms. Do this by performing operational checks on components that are in the same circuit as the problem area. Refer to the wiring diagrams fuse application chart.
- (3) Analyze the symptoms. Use the wiring diagrams to determine what the circuit is doing, where the problem most likely is occurring and where the diagnosis will continue.
- (4) Isolate the problem area.
- (5) Repair the problem.
- (6) Verify proper operation. For this step check for proper operation of all items on the circuit repaired. Refer to the wiring diagram fuse application chart.

## FUSIBLE LINKS

Vehicle wiring harnesses are equipped with fusible links to protect against harness damage in the event of a short in the system. Fusible links are color coded to indicate wire gauge and size. Refer to the fusible link chart for color and gauge identification (Fig. 9).

Wire and Gauge	Color Code	Color
12 Ga.	BK	Black
14 Ga.	RD	Red
16 Ga.	DB	Dark Blue
18 Ga.	GY	Gray
20 Ga.	OR	Orange
22 Ga.	WT	White

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**Fig. 9 Fusible Link Chart**

## HARNESS REPAIR

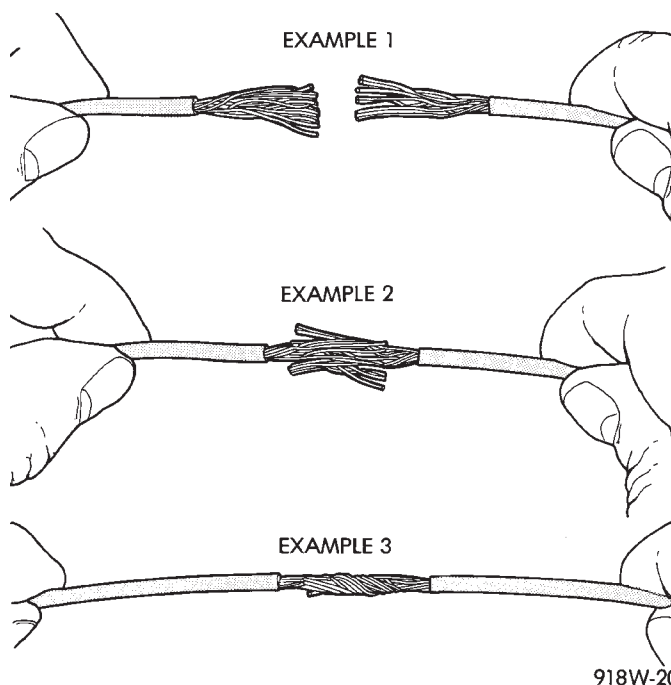
### FUSIBLE LINK REPLACEMENT

**CAUTION:** Do not replace blown fusible links with a standard wire. Only use fusible type wire with hypalon insulation or damage to the electrical system could occur. Also make sure correct gauge of wiring is used. Refer to the wiring diagrams for proper gauge and color.

When a fusible link blows it is important to find out what the problem is. They are placed in the electrical system for protection against shorts to ground which can be caused by a component failure or various wiring failures. **Do not just replace the fusible link to correct the problem.**

When diagnosing a faulty fusible link it is important to check the wire carefully. In some instances the link may be blown and it will not show through the insulation, the wire should be checked over its entire length for internal breaks.

- (1) Disconnect battery negative cable.
- (2) Cut out the blown portion of the fusible link.
- (3) Strip 1 inch of insulation from each end of the existing fusible link.
- (4) Place a piece of heat shrink tubing over one side of the fusible link. Make sure the tubing will be long enough to cover and seal the entire repair area.
- (5) Cut a replacement piece of fusible link approximately two inches longer than the piece removed.
- (6) Remove one inch of insulation from each end of the replacement fusible link.
- (7) Spread the strands of wire apart on each of the exposed wires (Fig. 10 example 1).
- (8) Push the two ends of the wire together until the strands of wire are close to the insulation (Fig. 10 example 2).
- (9) Twist the wires together (Fig. 10 example 3).
- (10) Solder the wires together using rosin core type solder only. **Do not use acid core type solder.**
- (11) Center the heat shrink tubing over the joint and heat using a heat gun. Heat the joint until the tubing is tightly sealed and sealant comes out of both ends of the tubing.



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**Fig. 10 Wire Repair**



(12) Secure the fusible link to the existing ones to prevent chafing or damage to the insulation.

(13) Connect battery and test all affected systems.

#### WIRING REPAIR

When replacing or repairing a wire, it is important that the correct gauge be used as shown in the wiring diagrams. The wires must also be held securely in place to prevent damage to the insulation.

(1) Disconnect battery negative cable.

(2) Remove 1 inch of insulation from each end the wire.

(3) Place a piece of heat shrink tubing over one side of the wire. Make sure the tubing will be long enough to cover and seal the entire repair area.

(4) Spread the strands of the wire apart on each part of the exposed wires (Fig. 10 example 1).

(5) Push the two ends of wire together until the strands of wire are close to the insulation (Fig. 10 example 2).

(6) Twist the wires together (Fig. 10 example 3).

(7) Solder the connection together using rosin core type solder only. **Do not use acid core solder.**

(8) Center the heat shrink tubing over the joint and heat using a heat gun. Heat the joint until the tubing is tightly sealed and sealant comes out of both ends of the tubing.

(9) Secure the wire to the existing ones to prevent chafing or damage to the insulation.

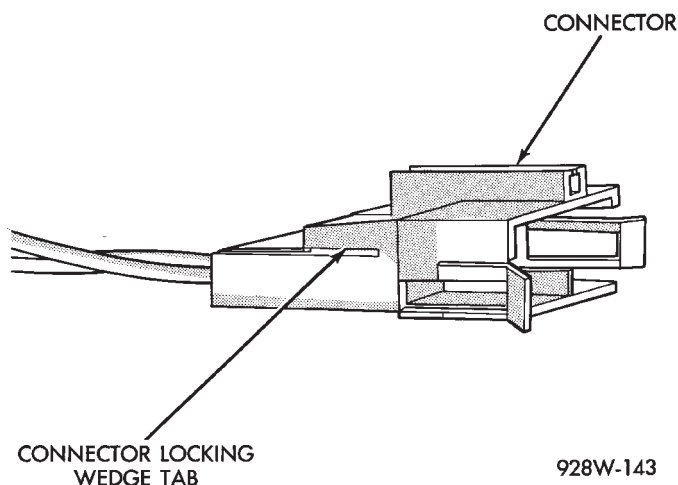
(10) Connect battery and test all affected systems.

#### CONNECTOR REPLACEMENT

(1) Disconnect battery.

(2) Disconnect the connector that is to be repaired from its mating half.

(3) Remove connector locking wedge (Fig. 11).



**Fig. 11 Connector Locking Wedge Tab**

(4) Position the connector locking finger away from the terminal while pulling on the wire to remove the terminal from the connector (Fig. 12).

(5) Reset the terminal locking tang, if it has one.

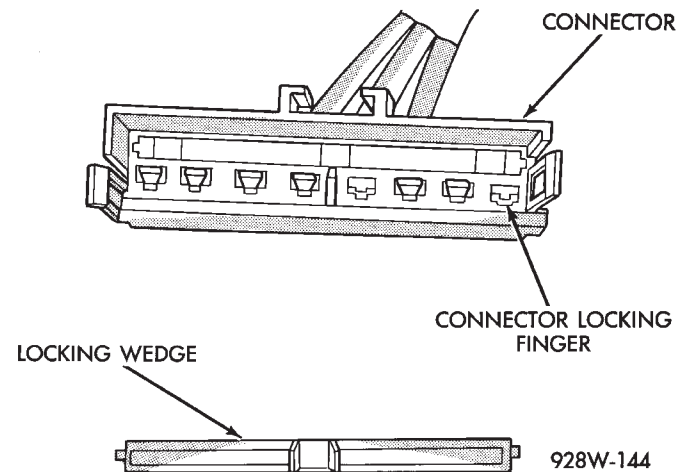
(6) Insert the removed wire in the same cavity on the repair connector.

(7) Repeat steps four thru six for each wire in the connector, being sure that all wires are inserted into the proper cavities. For additional connector pin out identification refer to the wiring diagrams.

(8) Insert the connector locking wedge into the repaired connector.

(9) Connect connector to its mating half.

(10) Connect battery and test all affected systems.



**Fig. 12 Connector Locking Finger and Locking Wedge**

#### CONNECTOR AND TERMINAL ASSEMBLY REPLACEMENT

(1) Disconnect Battery.

(2) Disconnect the connector being repaired from its mating half.

(3) Cut off the existing wire connector directly behind the insulator and remove six inches of tape from the harness.

(4) Stagger cut all wires on the harness side about 1/2 inch apart (Fig. 13).

(5) Remove 1 inch of insulation from each wire on the harness side.

(6) Stagger cut the matching wires on the repair connector assembly in the opposite order as was done on the harness side of the repair (allow extra length for soldered connections). Check that the overall length is the same as the original (Fig. 13).

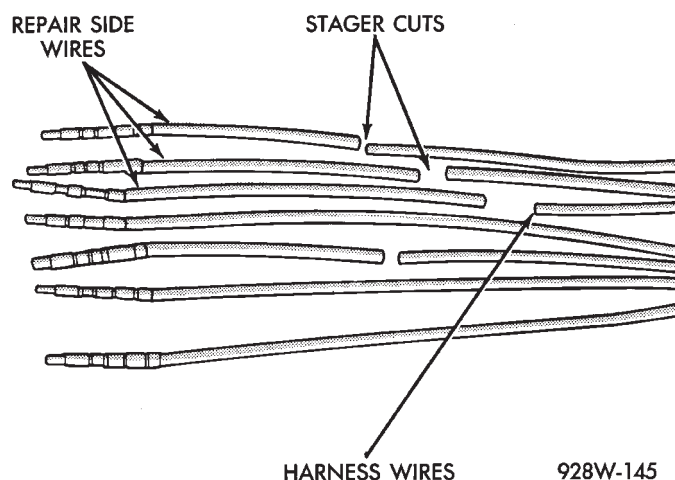
(7) Remove 1 inch of insulation from each wire.

(8) Place a piece of heat shrink tubing over one side of the wire. Make sure the tubing will be long enough to cover and seal the entire repair area.

(9) Spread the strands of the wire apart on each part of the exposed wires (Fig. 10 example 1).

(10) Push the two ends of wire together until the strands of wire are close to the insulation (Fig. 10 example 2).

(11) Twist the wires together (Fig. 10 example 3).



**Fig. 13 Stagger Cutting Wires**

(12) Solder the connection together using rosin core type solder only. **Do not use acid core solder.**

(13) Center the heat shrink tubing over the joint and heat using a heat gun. Heat the joint until the tubing is tightly sealed and sealant comes out of both ends of the tubing.

(14) Repeat steps 8 thru 13 for each wire.

(15) Re-tape the wire harness starting 1-1/2 inches behind the connector and 2 inches past the repair.

(16) Reconnect the repaired connector.

(17) Connect battery and test all affected systems.

#### TERMINAL REPLACEMENT

(1) Disconnect battery.

(2) Disconnect the connector being repaired from its mating half.

(3) Remove connector locking wedge (Fig. 11).

(4) Position the connector locking finger away from the terminal while pulling on the wire to remove the terminal from the connector (Fig. 12).

(5) Cut the wire 6 inches from the back of the connector.

(6) Remove 1 inch of insulation from the wire on the harness side.

(7) Select a wire from the terminal repair assembly that best matches the color wire being repaired.

(8) Cut the repair wire to the proper length and remove 1 inch of insulation.

(9) Place a piece of heat shrink tubing over one side of the wire. Make sure the tubing will be long enough to cover and seal the entire repair area.

(10) Spread the strands of the wire apart on each part of the exposed wires (Fig. 10 example 1).

(11) Push the two ends of wire together until the strands of wire are close to the insulation (Fig. 10 example 2).

(12) Twist the wires together (Fig. 10 example 3).

(13) Solder the connection together using rosin core type solder only. **Do not use acid core solder.**

(14) Center the heat shrink tubing over the joint and heat using a heat gun. Heat the joint until the tubing is tightly sealed and sealant comes out of both ends of the tubing.

(15) Insert the repaired wire into the connector.

(16) Install the connector locking wedge and reconnect the connector to its mating half.

(17) Re-tape the wire harness starting 1-1/2 inches behind the connector and 2 inches past the repair.

(18) Connect battery and test all affected systems.

#### SYMBOLS AND FUSES

Various symbols are used throughout the wiring diagrams. These symbols can be identified by referring to the symbol identification chart (Fig. 14).

For fuse and relay bank information refer to (Fig 15).

**CAUTION:** When replacing a blown fuse it is important to replace it with a fuse having the correct amperage rating. The use of a fuse with a rating other than indicated may result in an electrical overload. If a proper rated fuse continues to blow, it indicates a problem that should be corrected.













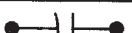











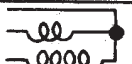


















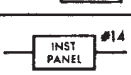







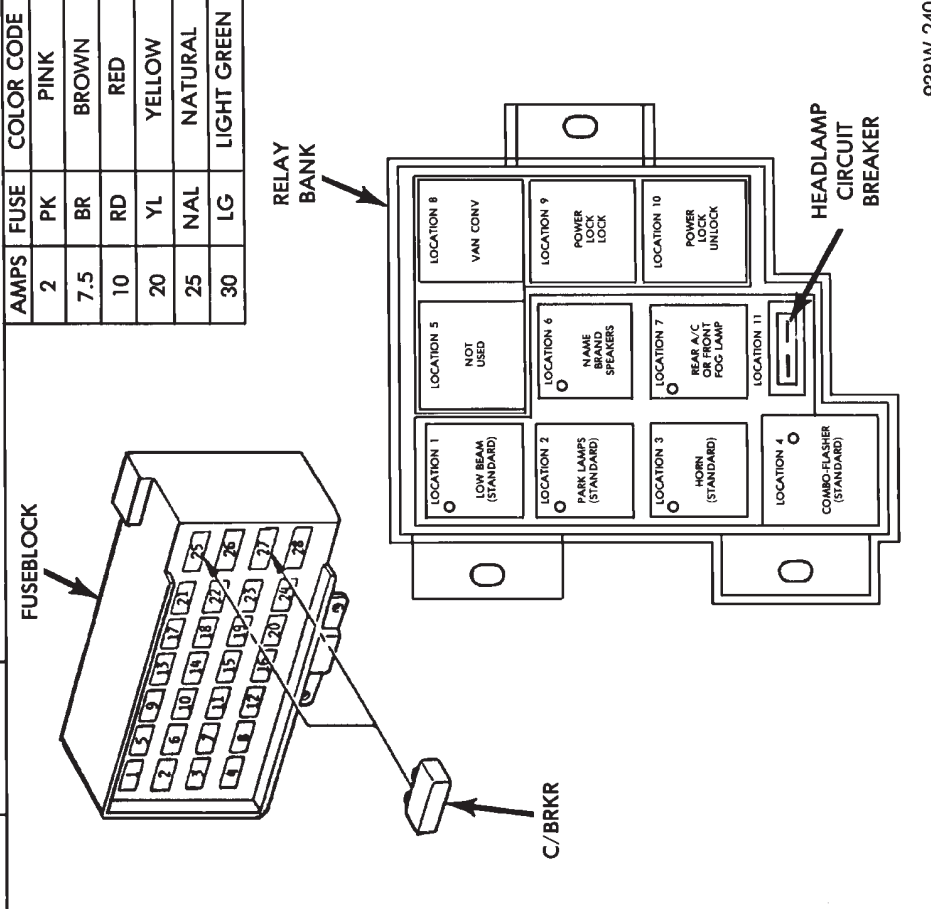
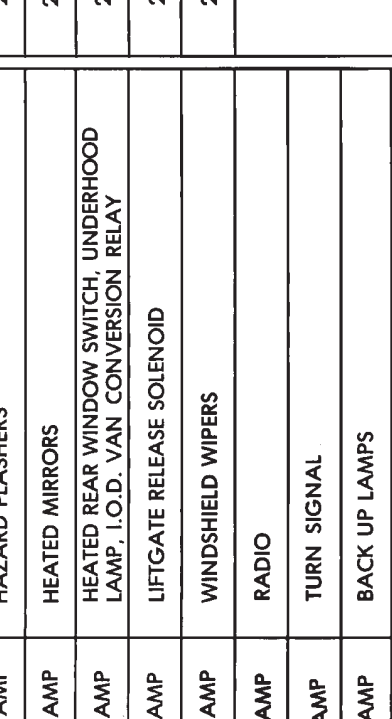
LEGEND OF SYMBOLS USED ON WIRING DIAGRAMS			
	POSITIVE		CONNECTOR
	NEGATIVE		MALE CONNECTOR
	GROUND		FEMALE CONNECTOR
	FUSE		DENOTES WIRE CONTINUES ELSEWHERE
	GANG FUSES WITH BUSS BAR		DENOTES WIRE GOES TO ONE OF TWO CIRCUITS
	CIRCUIT BREAKER		SPLICE
	CAPACITOR		SPLICE IDENTIFICATION
	OHMS		THERMAL ELEMENT
	RESISTOR		TIMER
	VARIABLE RESISTOR		MULTIPLE CONNECTOR
	SERIES RESISTOR		OPTIONAL WIRING WITH WIRING WITHOUT
	COIL		"Y" WINDINGS
	STEP UP COIL		DIGITAL READOUT
	OPEN CONTACT		SINGLE FILAMENT LAMP
	CLOSED CONTACT		DUAL FILAMENT LAMP
	CLOSED SWITCH		L.E.D. — LIGHT EMITTING DIODE
	OPEN SWITCH		THERMISTOR
	CLOSED GANGED SWITCH		GAUGE
	OPEN GANGED SWITCH		SENSOR
	TWO POLE SINGLE THROW SWITCH		FUEL INJECTOR
	PRESSURE SWITCH		DENOTES WIRE GOES THROUGH BULKHEAD DISCONNECT
	SOLENOID SWITCH		DENOTES WIRE GOES THROUGH STEERING COLUMN CONNECTOR
	MERCURY SWITCH		DENOTES WIRE GOES THROUGH INSTRUMENT PANEL CONNECTOR
	DIODE OR RECTIFIER		DENOTES WIRE GOES THROUGH GROMMET TO ENGINE COMPARTMENT
	BI-DIRECTIONAL ZENER DIODE		DENOTES WIRE GOES THROUGH GROMMET
	MOTOR		HEATED GRID ELEMENTS
	ARMATURE AND BRUSHES		908W-191

Fig. 14 Symbol Identification

CAVITY	FUSE	ITEMS FUSED	CAVITY	FUSE	ITEMS FUSED
1	20 AMP	HAZARD FLASHERS	24	20 AMP	LOCK RELAY, UNLOCK RELAY
2	10 AMP	HEATED MIRRORS	25	C/BRKR	POWER WINDOWS, POWER VENT WINDOWS
3	20 AMP	HEATED REAR WINDOW SWITCH, UNDERHOOD LAMP, I.O.D. VAN CONVERSION RELAY	26	30 AMP	A/C-HEATER BLOWER MOTOR
4	20 AMP	LIFTGATE RELEASE SOLENOID	27	C/BRKR	POWER SEAT
5	20 AMP	WINDSHIELD WIPERS	28	20 AMP	HORN RELAY
6	10 AMP	RADIO			
7	2 AMP	TURN SIGNAL			
8	20 AMP	BACK UP LAMPS			
9	7.5 AMP	ILLUMINATION LAMPS			
10		NOT USED			
11		NOT USED			
12		NOT USED			
13	20 AMP	REAR WINDOW WIPER/WASHER, VAN CONVERSION			
14	2 AMP	SPEED CONTROL			
15	10 AMP	GAUGES, WARNING LAMPS, AIRBAG MODULE			
16		NOT USED			
17	10 AMP	LEFT LOW BEAM HEADLAMP			
18	10 AMP	RIGHT LOW BEAM HEADLAMP, DRL			
19	20 AMP	STOP LAMPS			
20	20 AMP	REAR A/C AND HEATER, FOG LAMP RELAY			
21	20 AMP	FOG LAMPS			
22	20 AMP	PARK LAMPS			
23	20 AMP	AIRBAG, CIGAR LIGHTER, DATA LINK CONNECTOR			

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Fig. 15 Fuse Block and Relay Bank AS



## COMPONENT IDENTIFICATION

## INDEX

<u>Caption</u>	<u>Fig.</u>	<u>Caption</u>	<u>Fig.</u>
Body Left Side Wiring . . . . .	.1	Instrument Panel Wiring (Connections) . . . . .	.13
Body Wiring (Right Side Front) . . . . .	.7	Instrument Panel Wiring (Routing) . . . . .	.12
Body Wiring (Right Side Rear) . . . . .	.6	Liftgate Wiring . . . . .	.15
Door Wiring . . . . .	.10	Overhead Console Wiring . . . . .	.4
Door Wiring (Body Side) . . . . .	.9	Power Seat Wiring . . . . .	.8
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Engine Compartment Wiring 3.0L . . . . .	.20	Roof Wiring (Left Side) . . . . .	.2
Engine Compartment Wiring 3.3L . . . . .	.21	Roof Wiring (Right Side) . . . . .	.3
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Engine Wiring 3.0L . . . . .	.26	Transmission Wiring 2.5L . . . . .	.22
Engine Wiring 3.3L . . . . .	.27	Transmission Wiring 3.0L . . . . .	.23
Front End Wiring . . . . .	.16	Transmission Wiring 3.3L . . . . .	.24
Fuel Tank/AWD Wiring . . . . .	.14	Underhood Lamp Wiring . . . . .	.17
Ground Strap Locations . . . . .	.18		



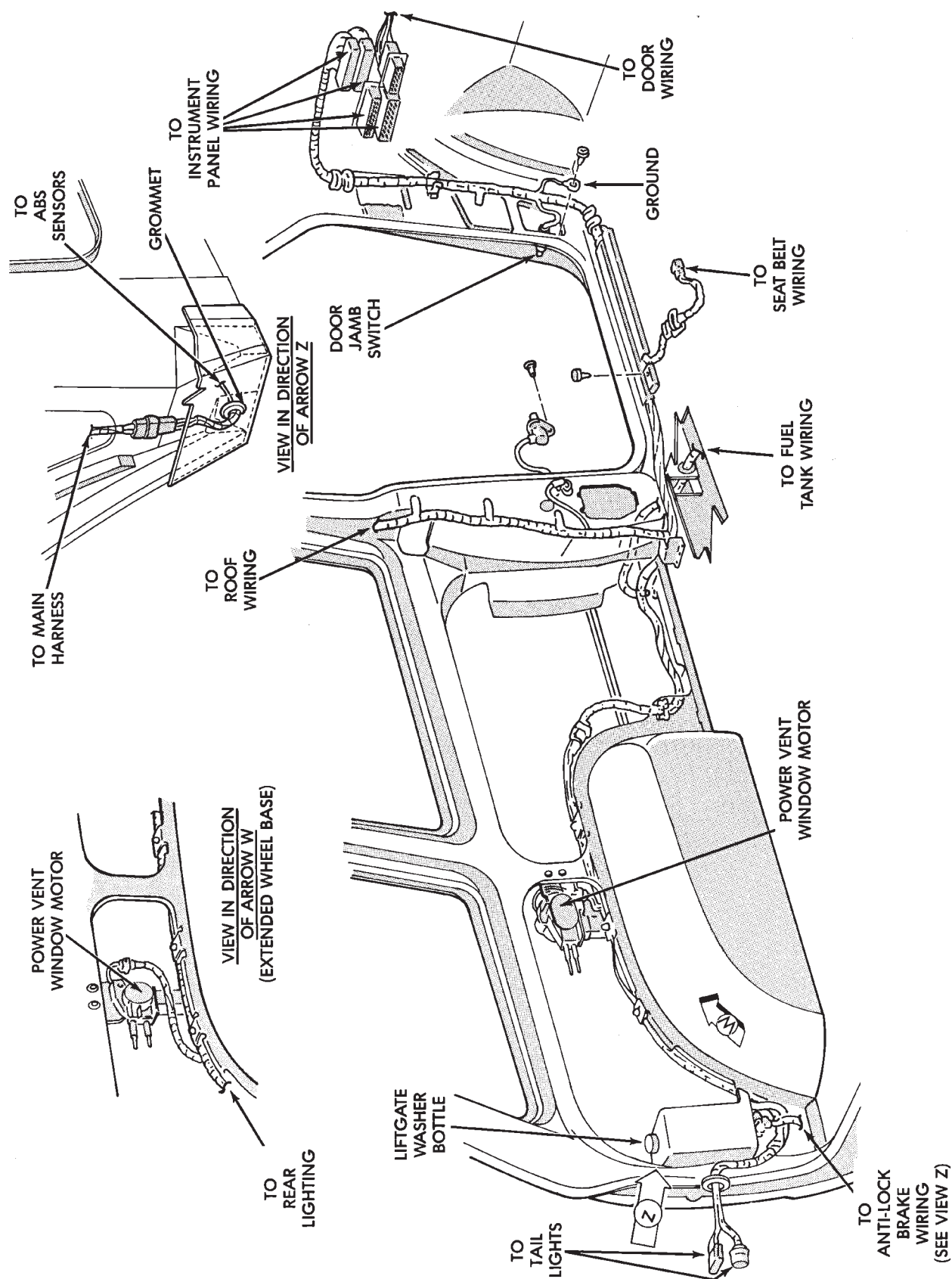
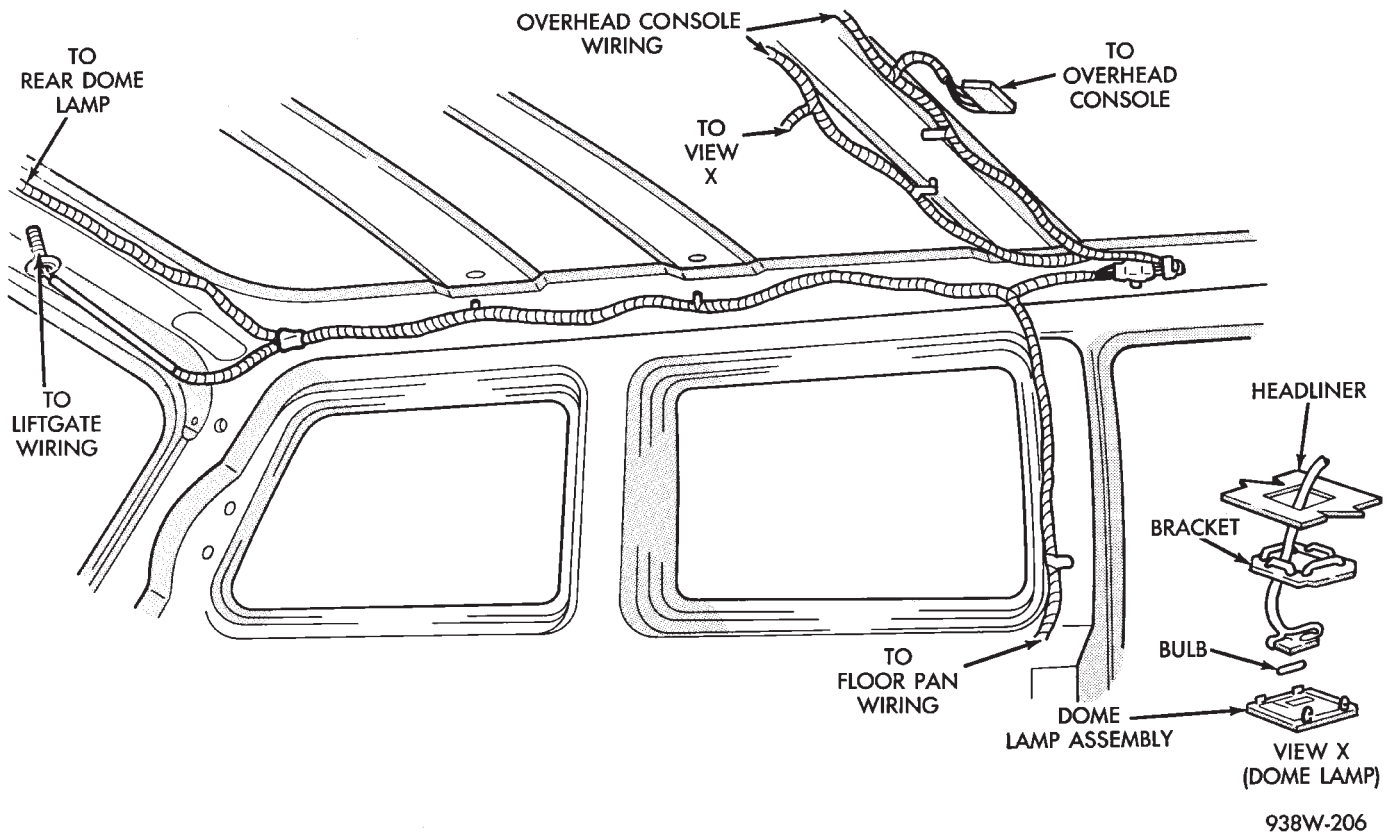
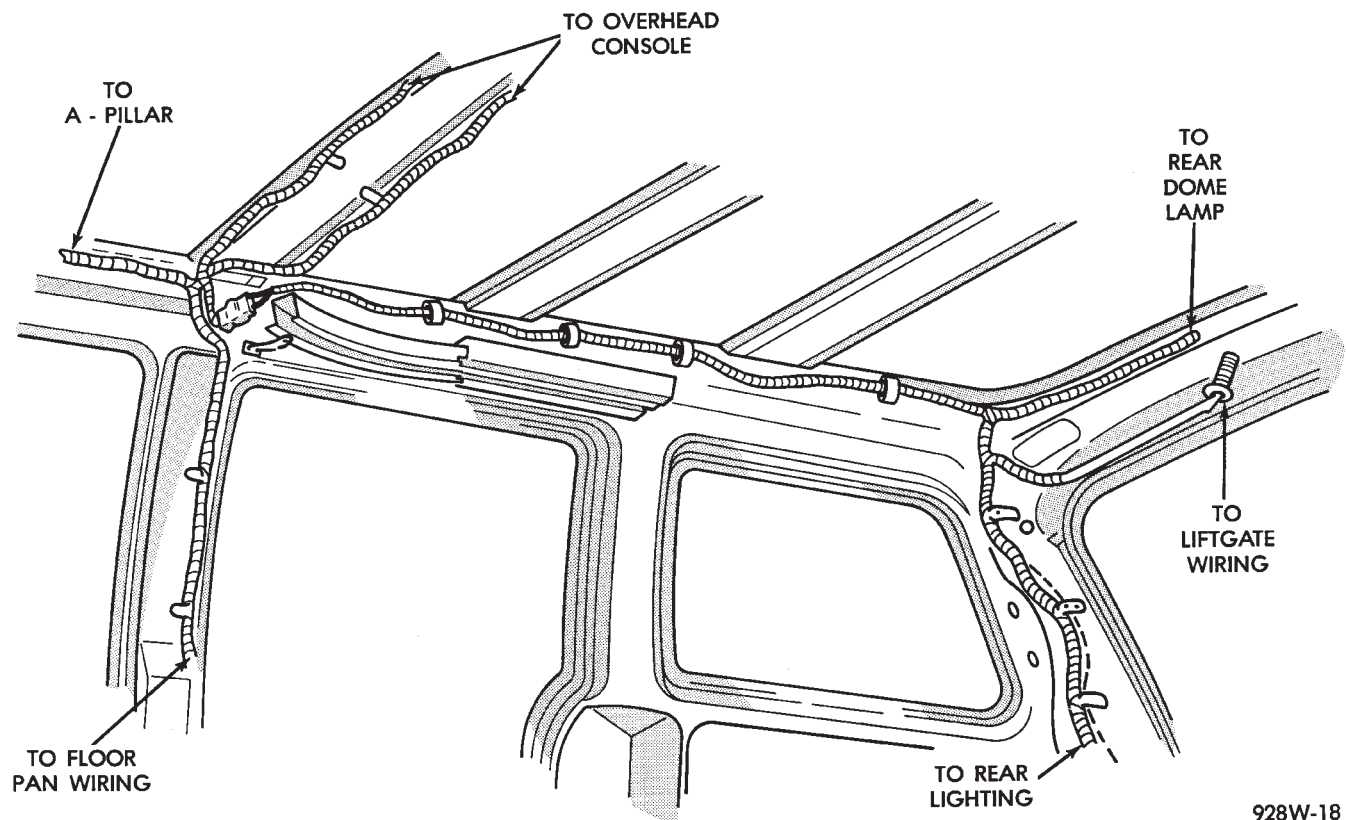


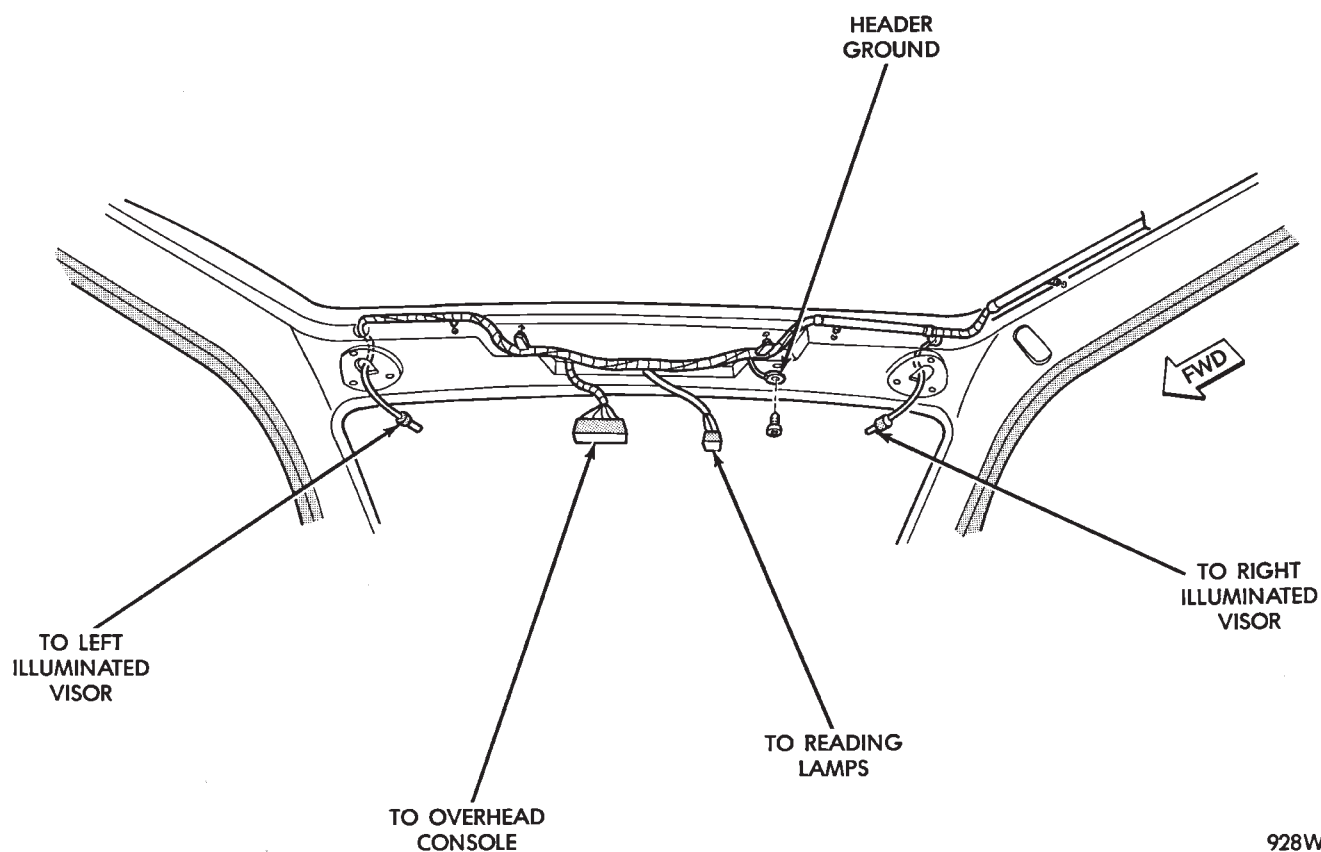
Fig. 1 Body Left Side Wiring



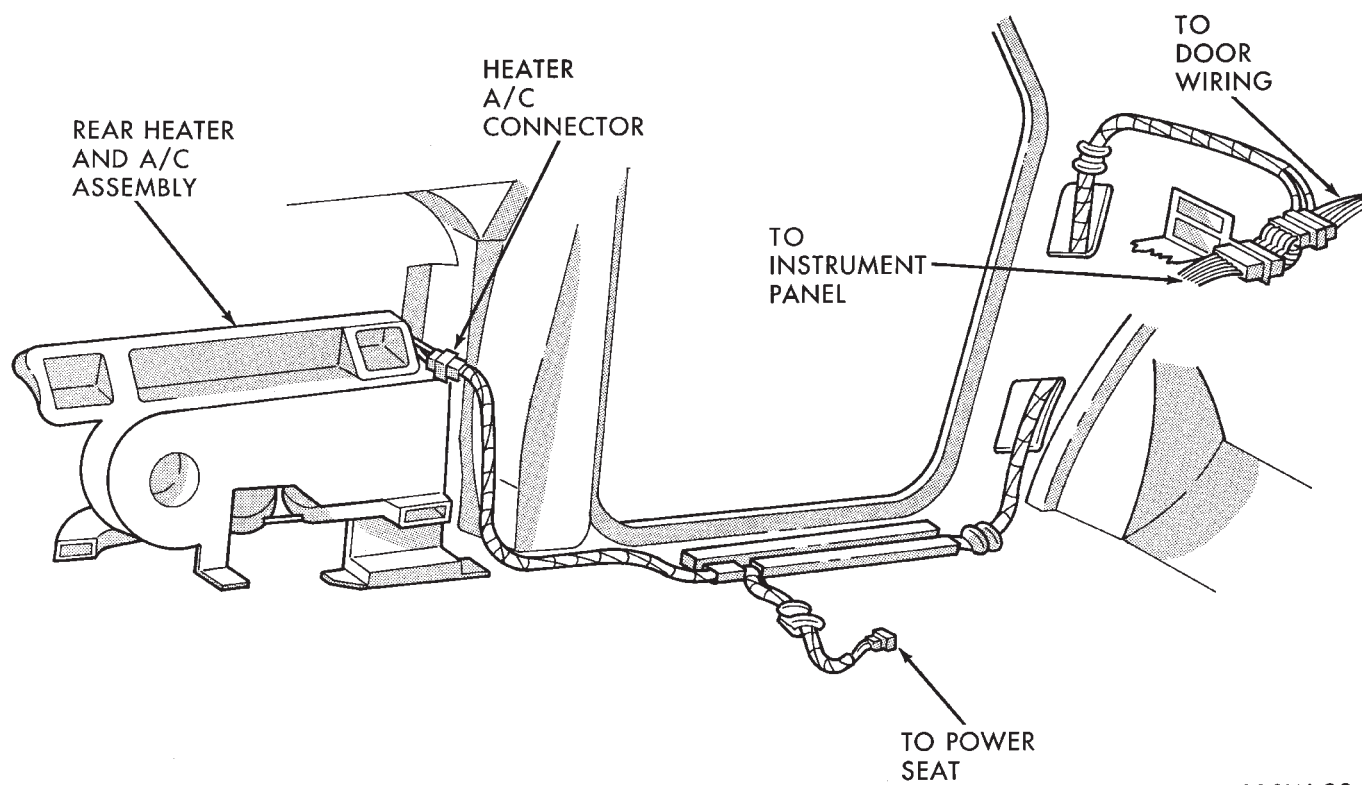
*Fig. 2 Roof Wiring (Left Side)*



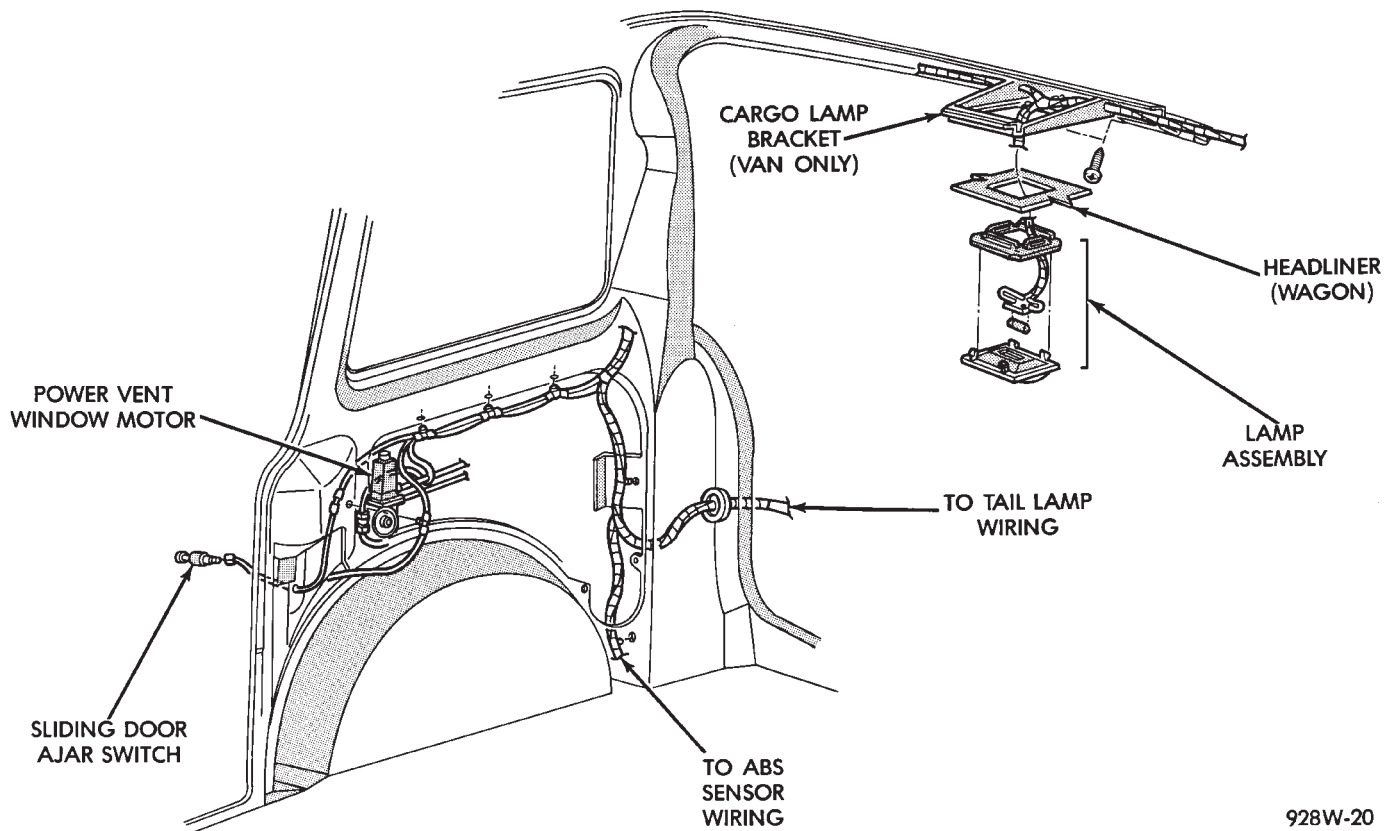
*Fig. 3 Roof Wiring (Right Side)*



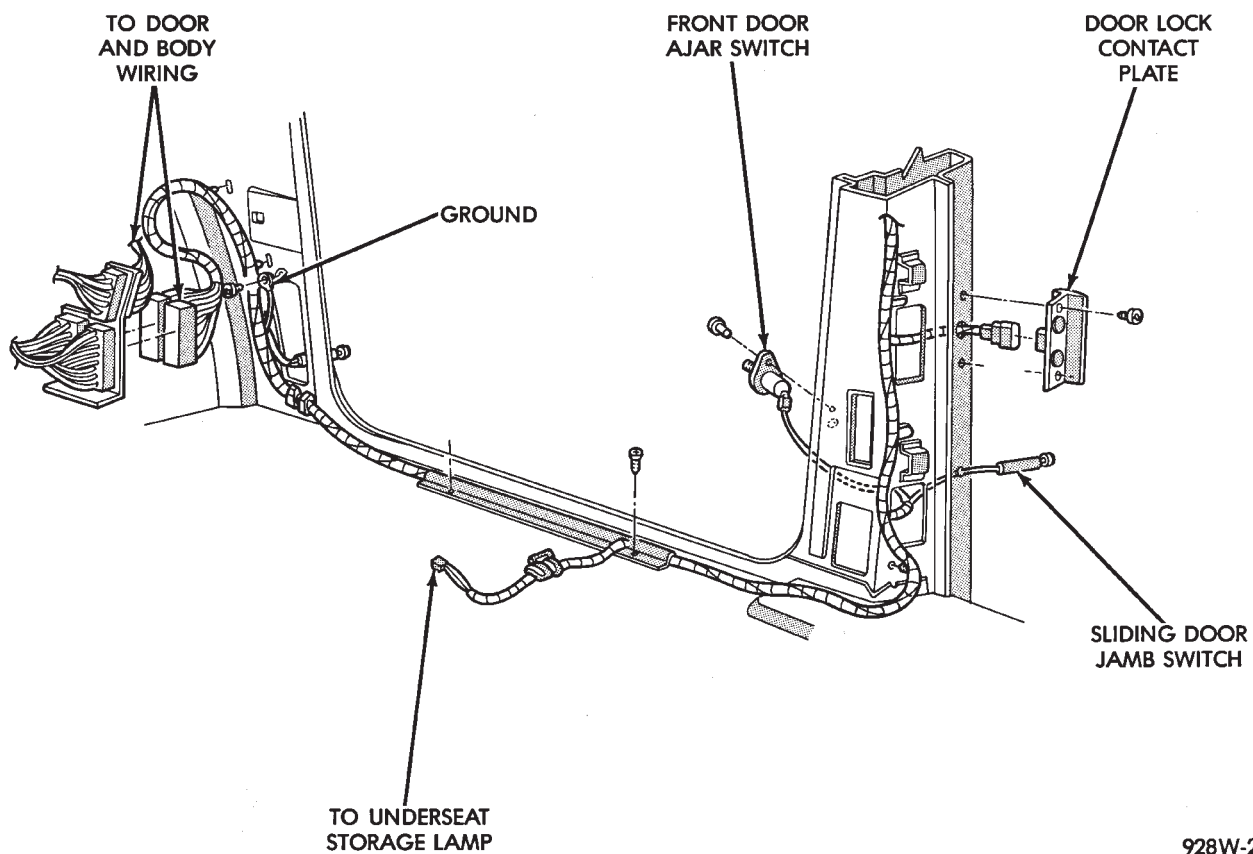
*Fig. 4 Overhead Console Wiring*



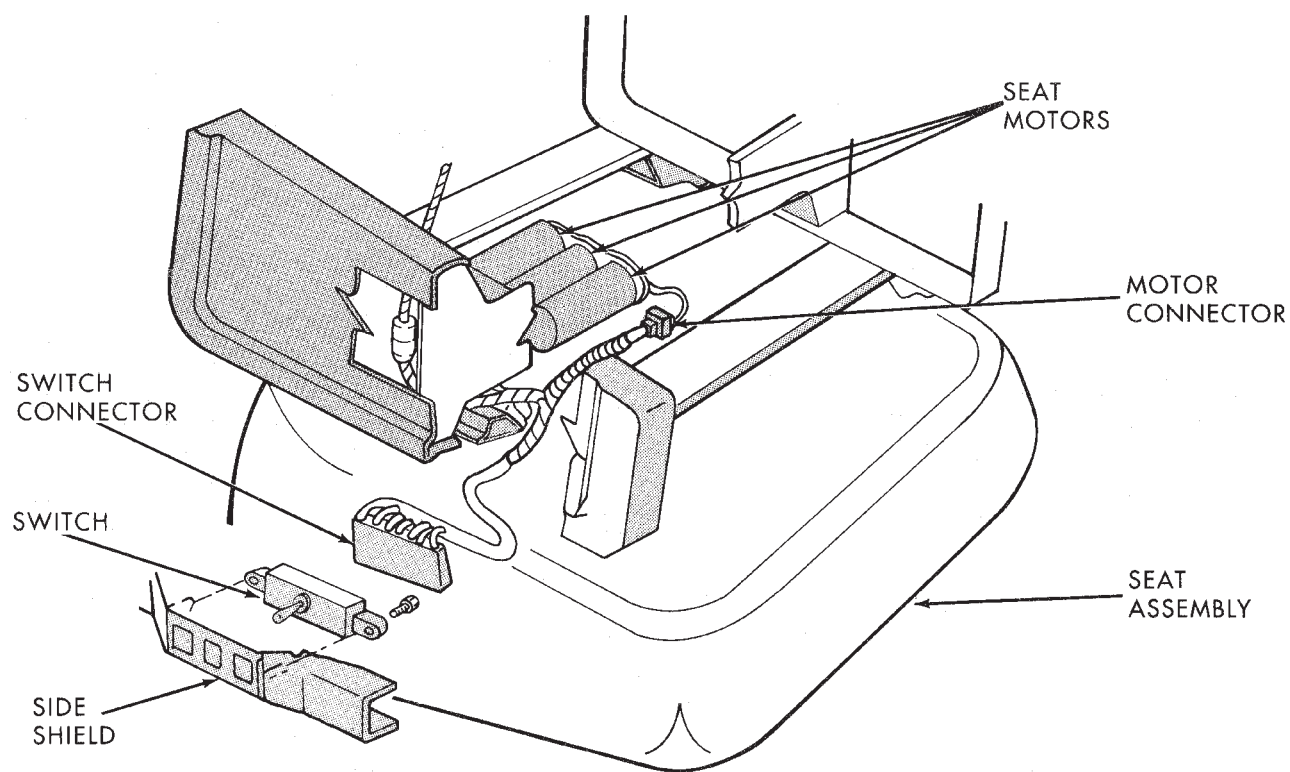
*Fig. 5 Rear A/C Heater Wiring*



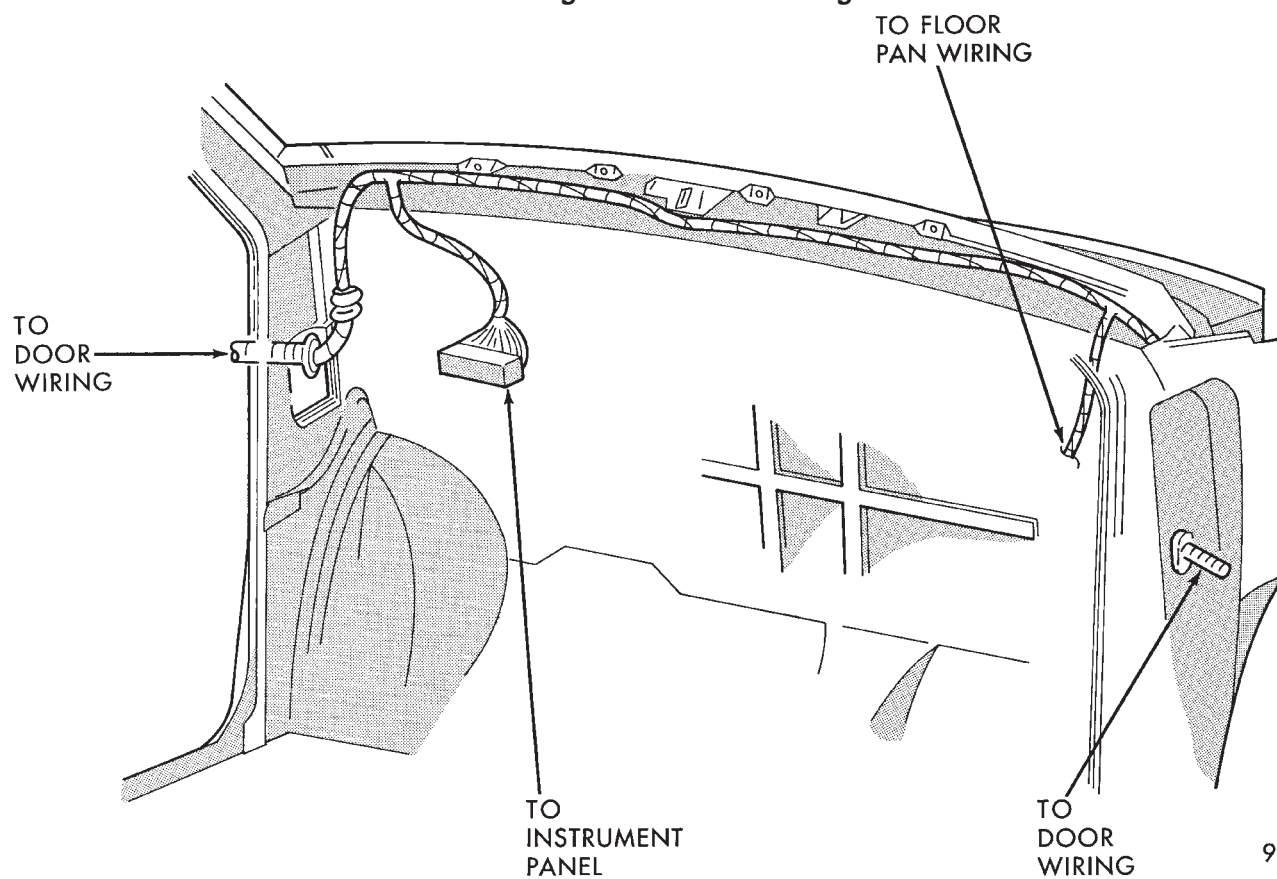
**Fig. 6 Body Wiring (Right Side Rear)**



**Fig. 7 Body Wiring (Right Side Front)**



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**Fig. 8 Power Seat Wiring**

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**Fig. 9 Door Wiring (Body Side)**



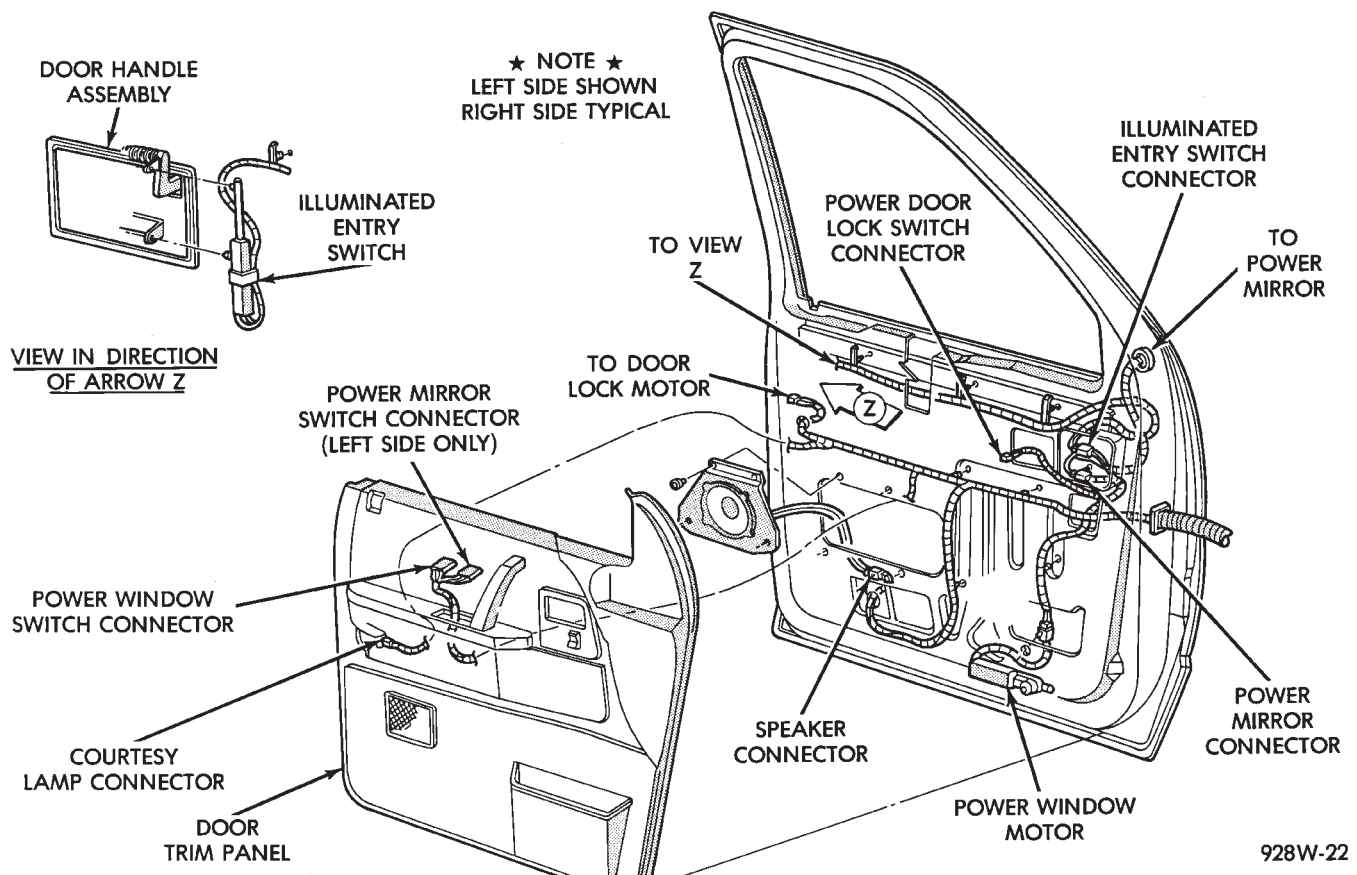


Fig. 10 Door Wiring

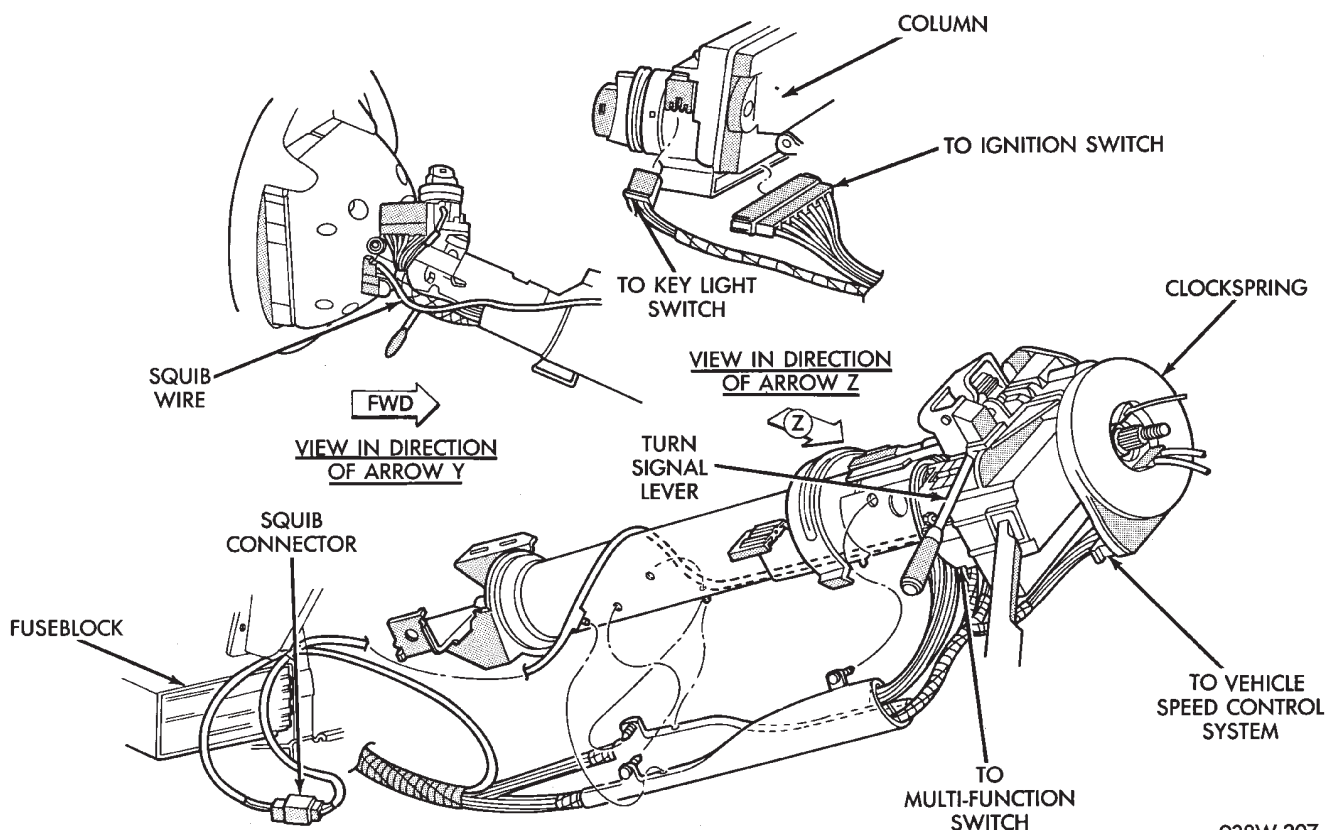
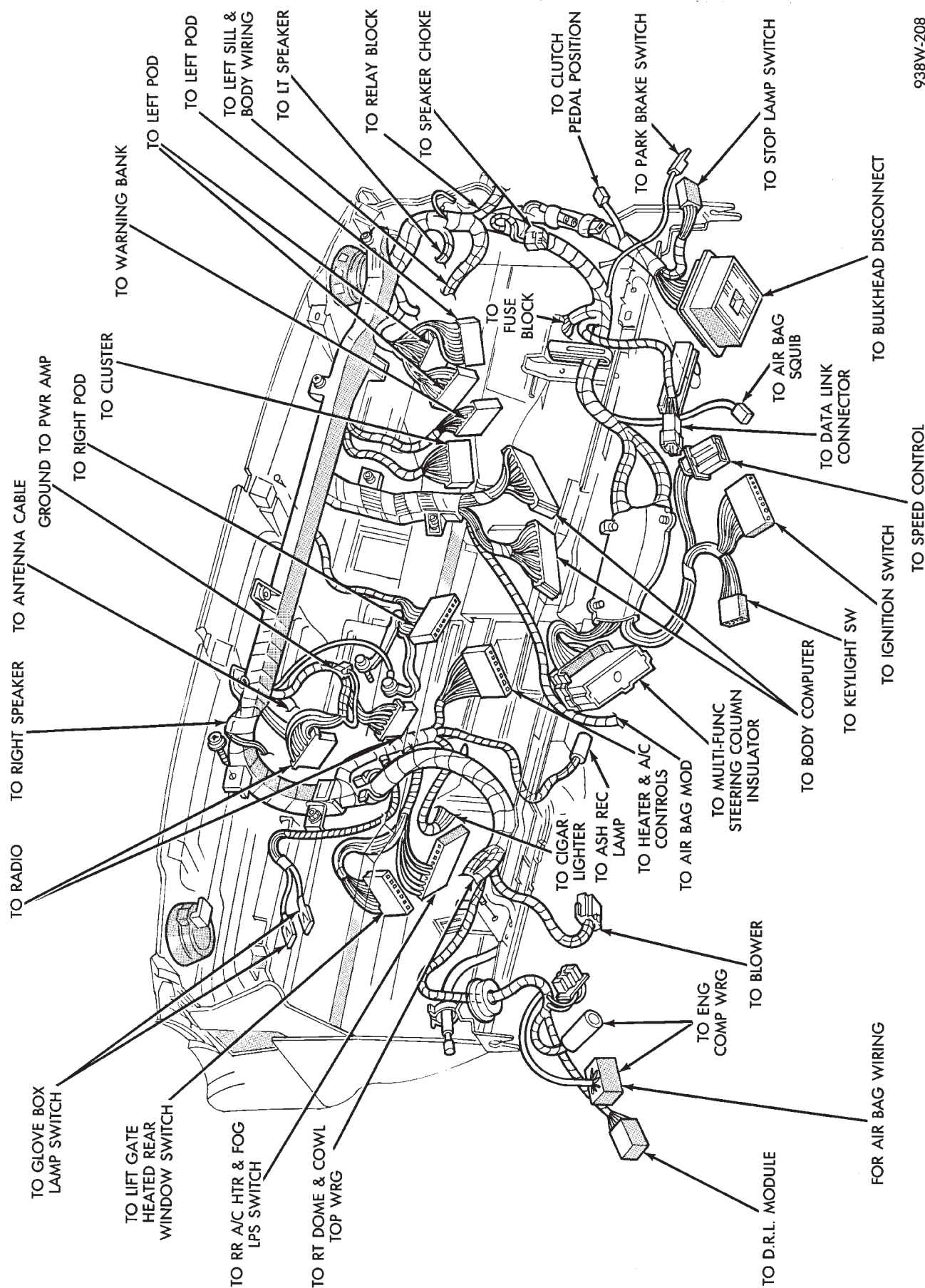
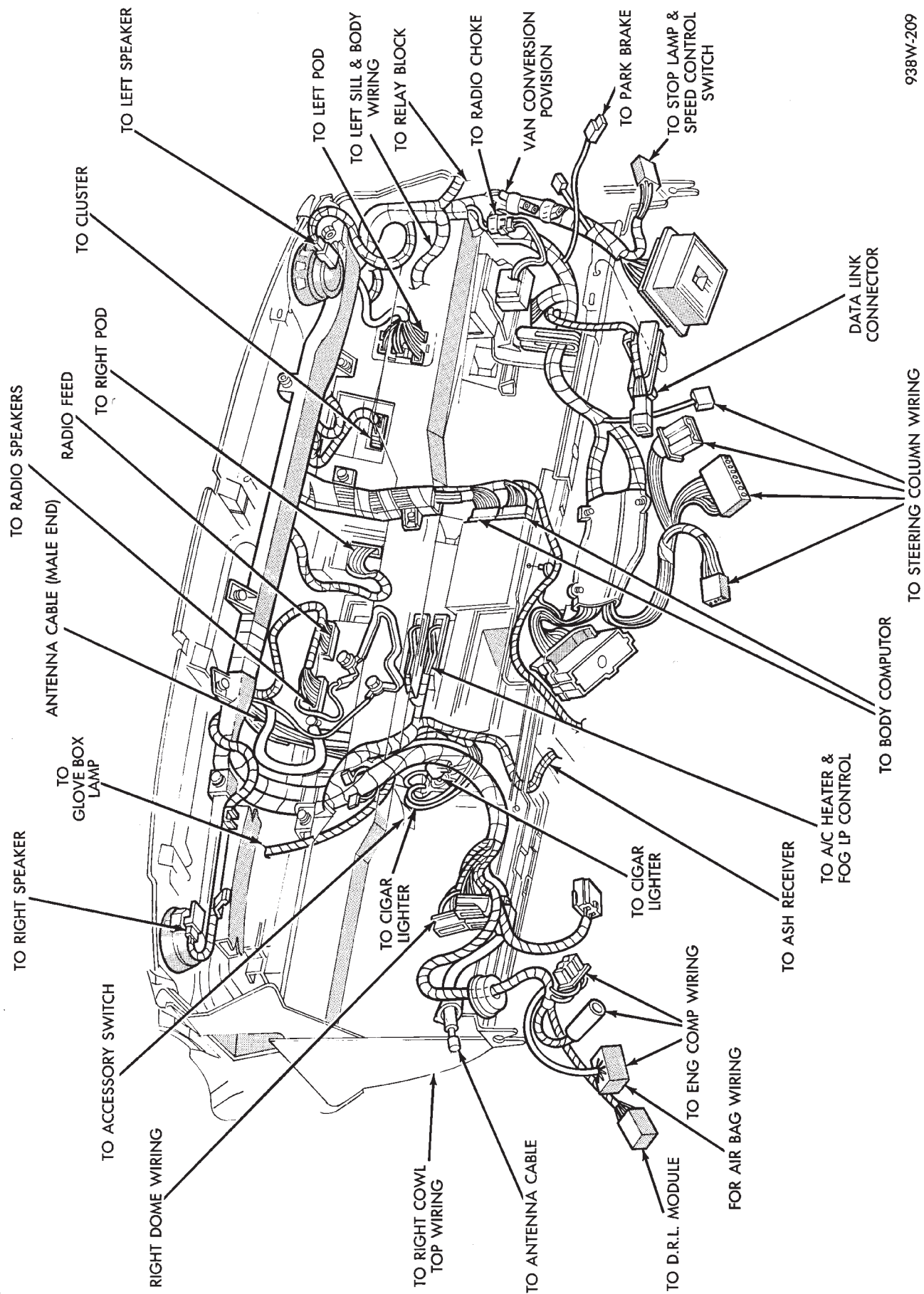


Fig. 11 Steering Column Wiring



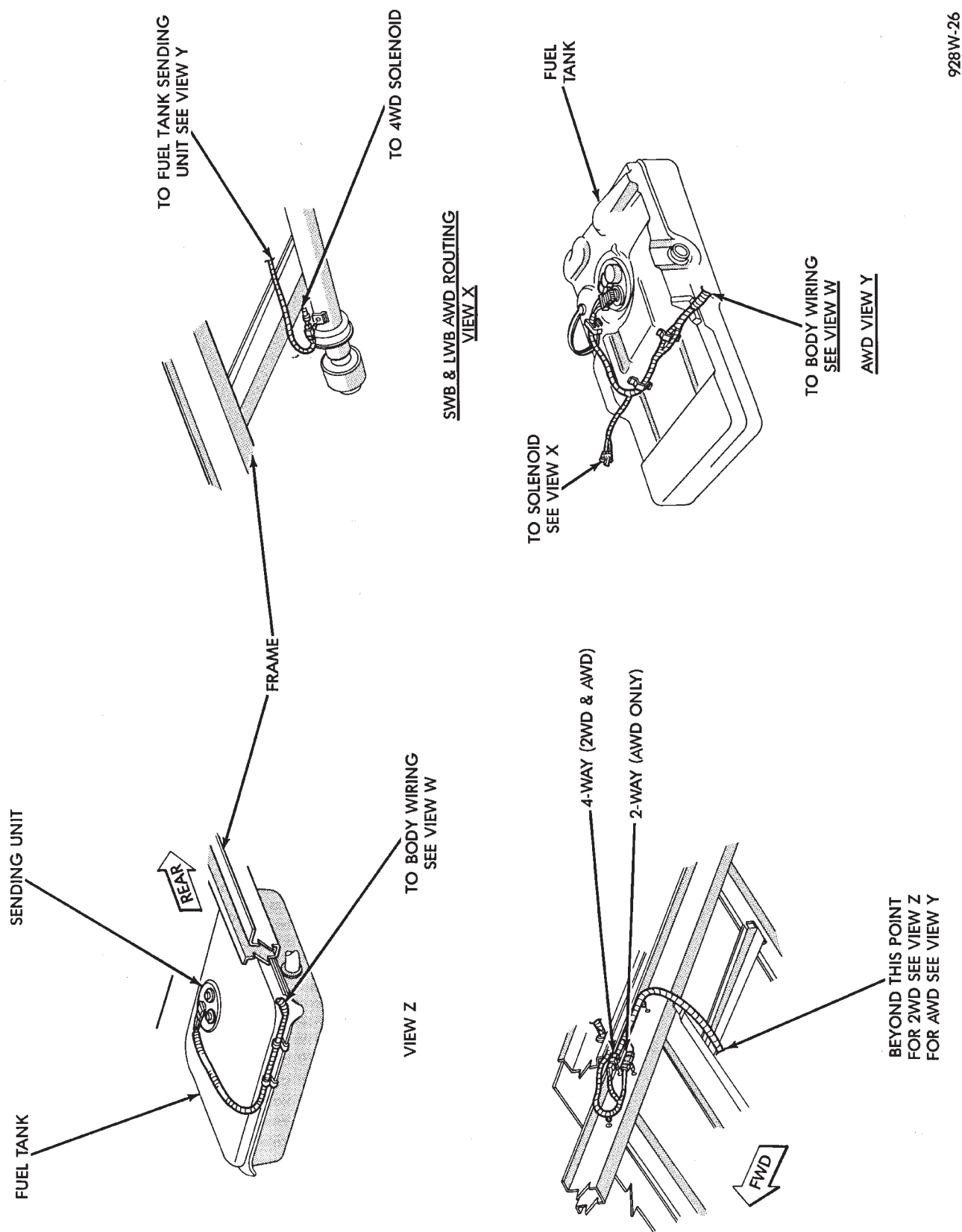
938W-208

Fig. 12 Instrument Panel Wiring (Routing)



938W-209

Fig. 13 Instrument Panel Wiring (Connections)



928W-26

Fig. 14 Fuel Tank/AWD Wiring



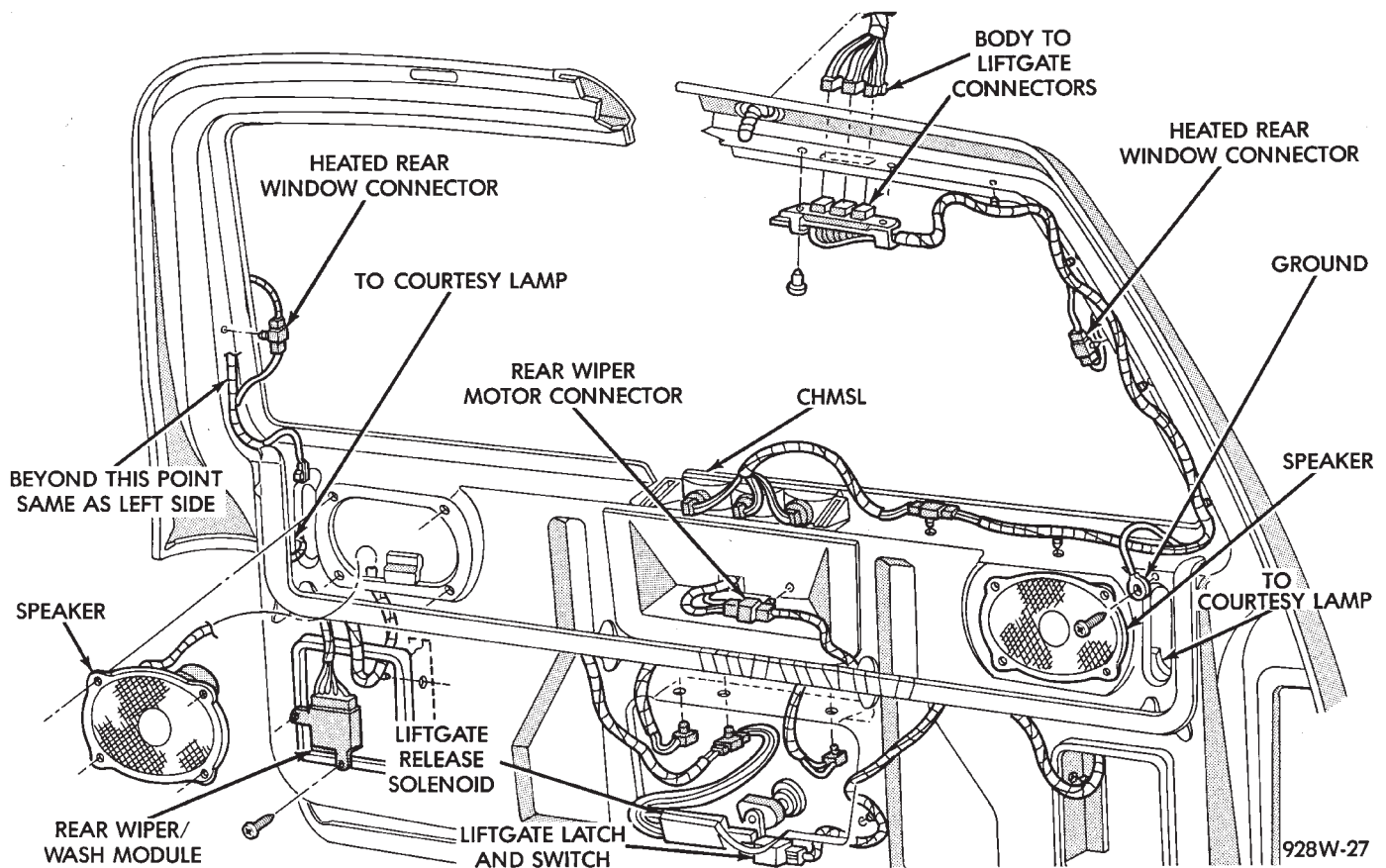


Fig. 15 Liftgate Wiring

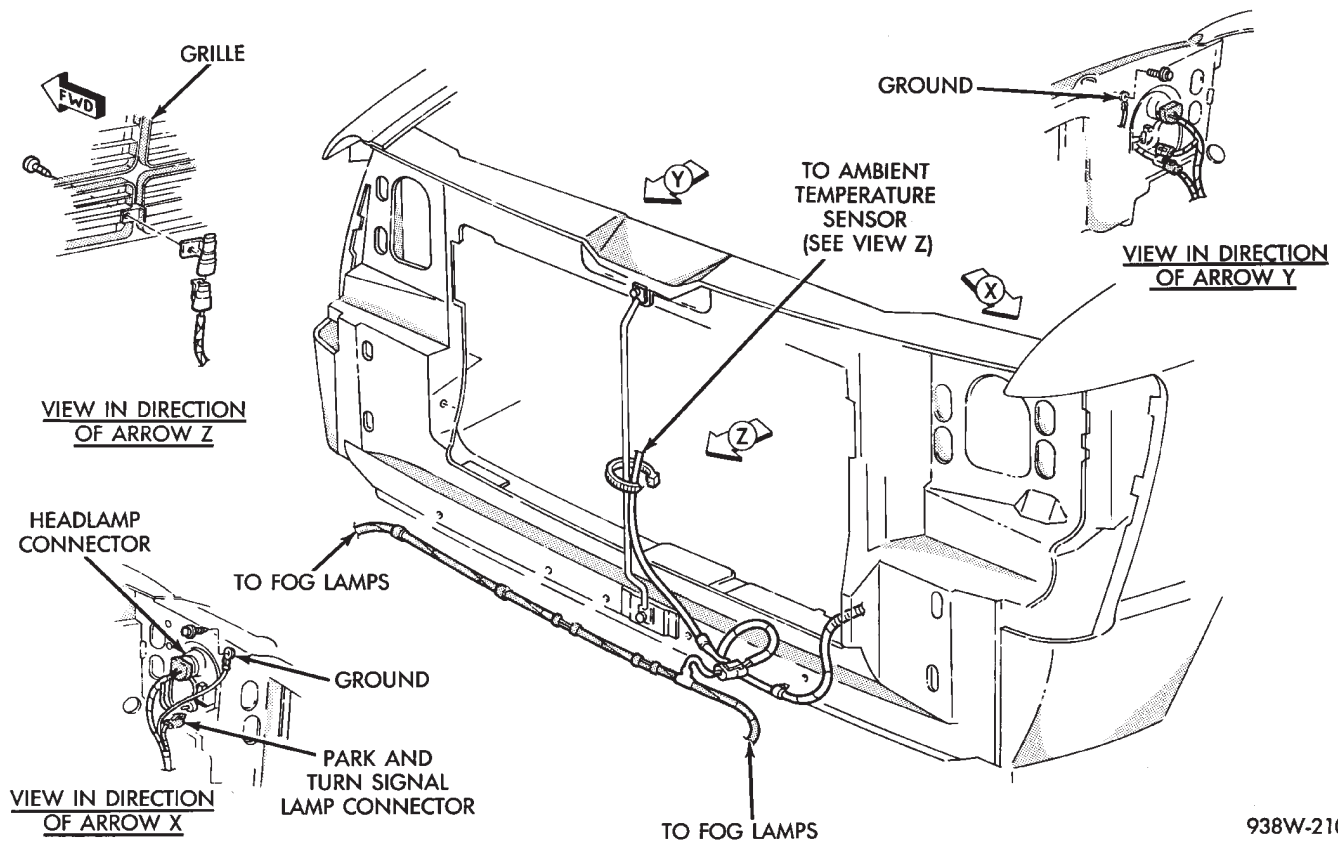
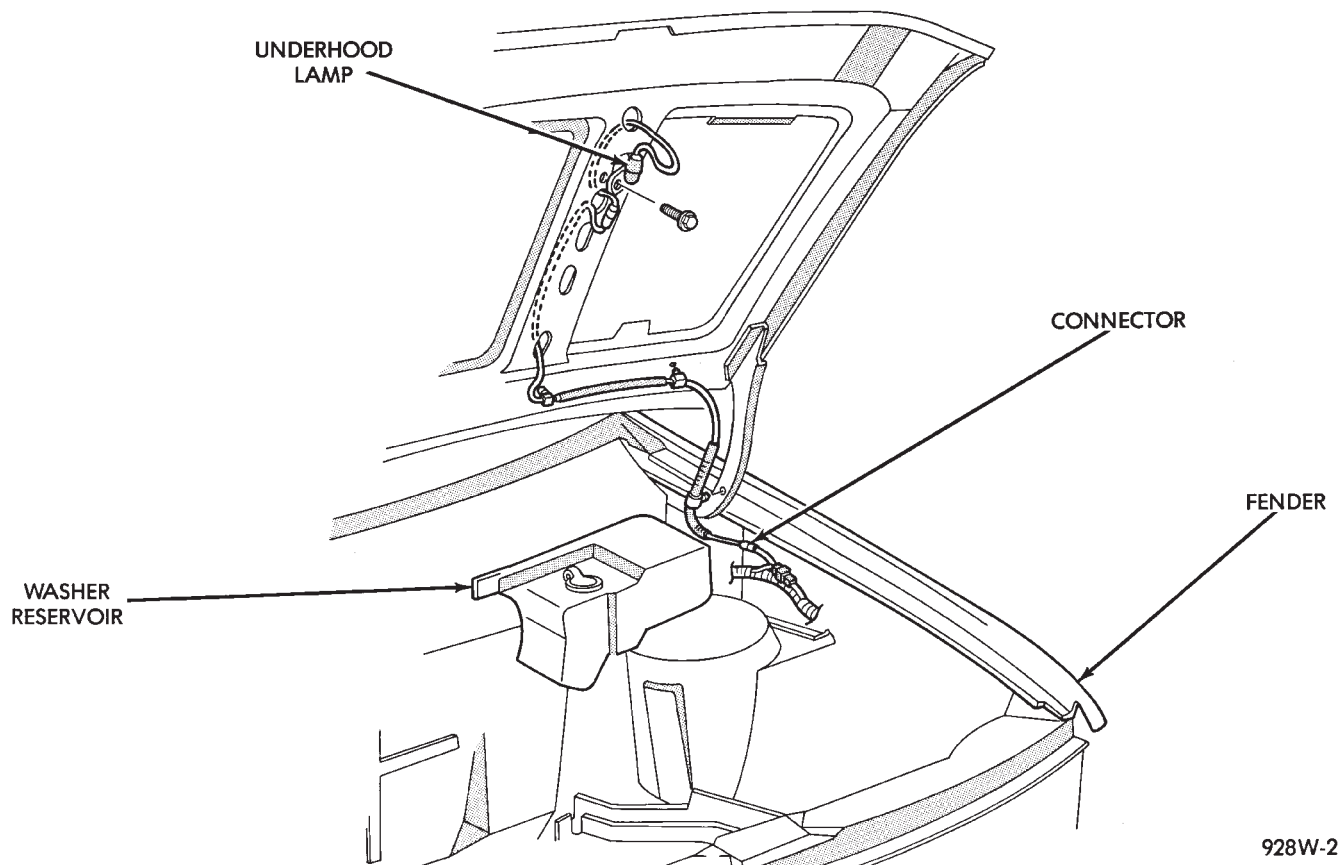


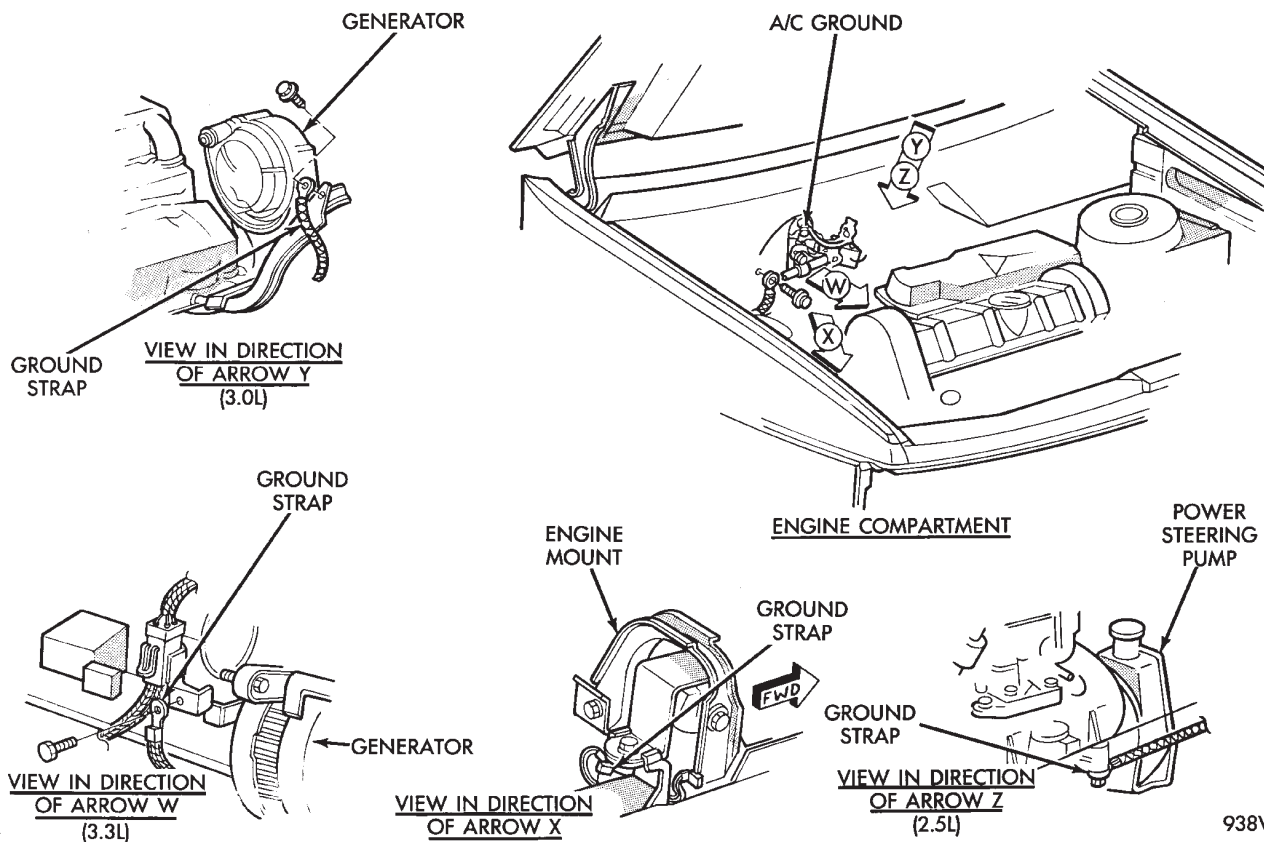
Fig. 16 Front End Wiring





928W-29

**Fig. 17 Underhood Lamp Wiring**



938W-219

**Fig. 18 Ground Strap Locations**



938W-111

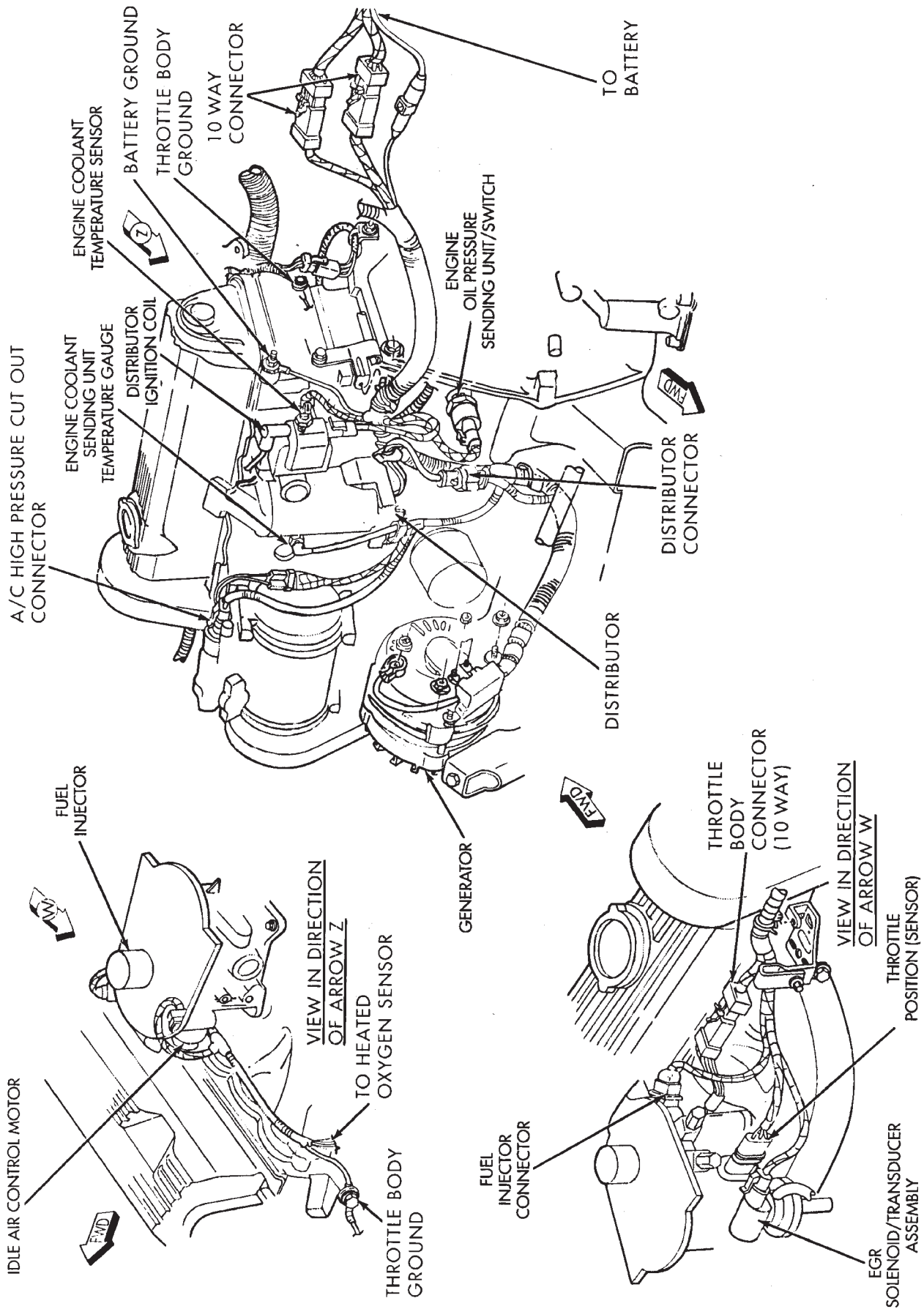
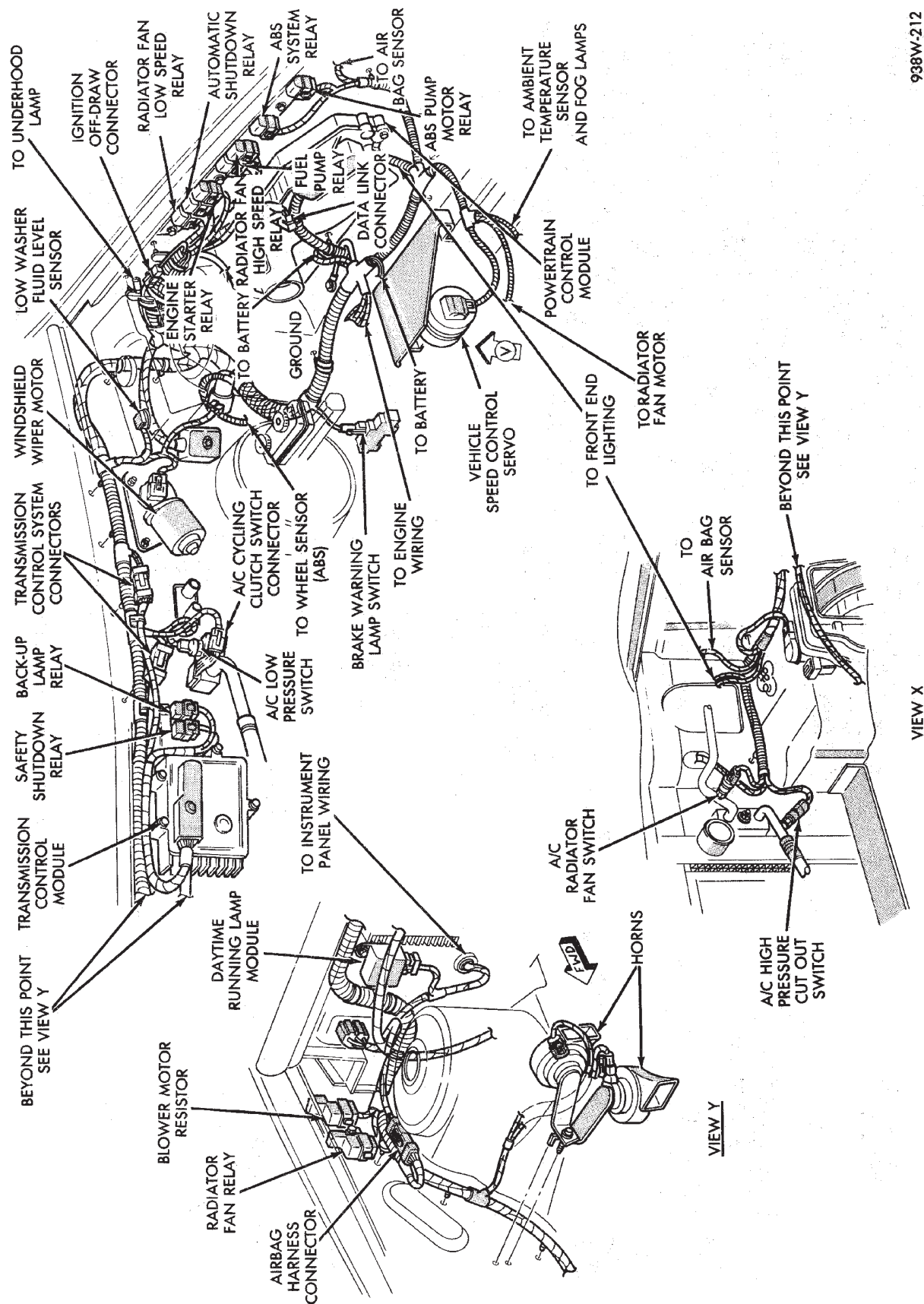


Fig. 19 Engine Compartment Wiring 2.5L



938W-212

VIEW X

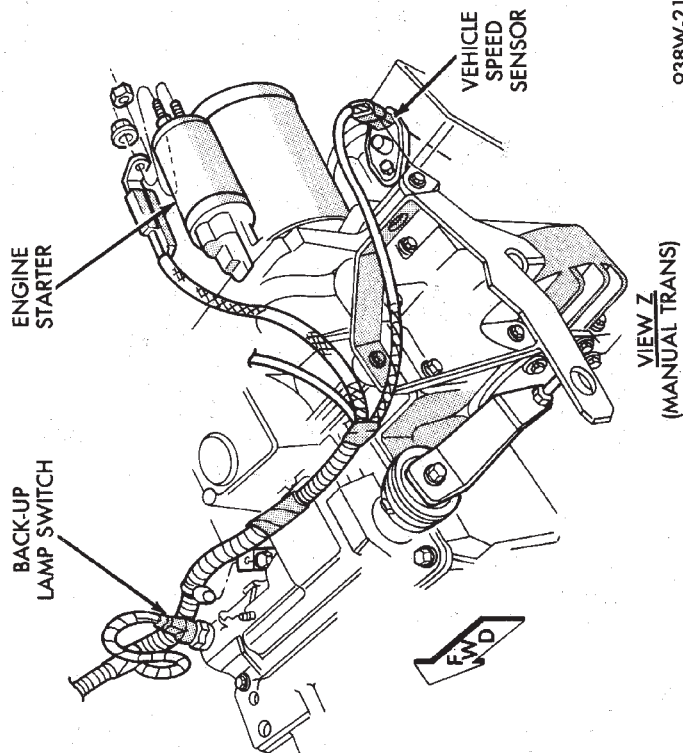
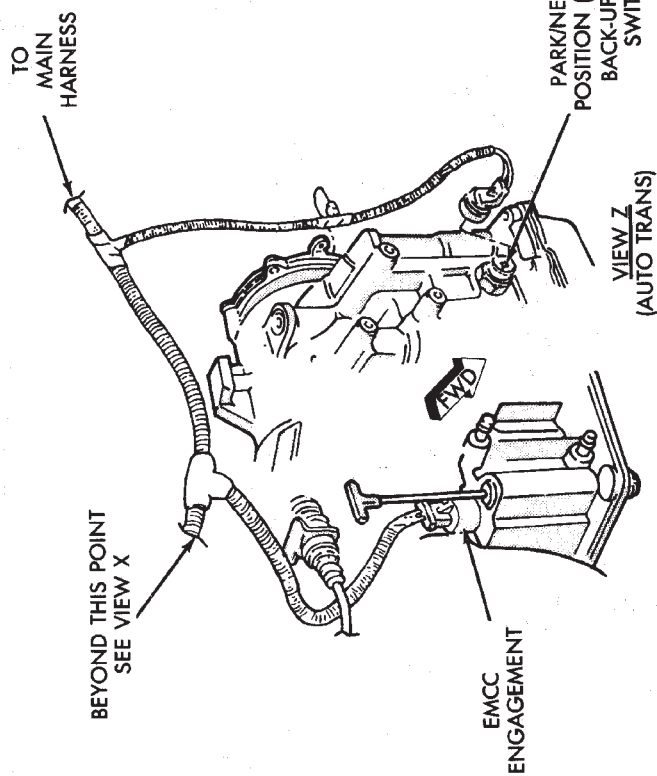
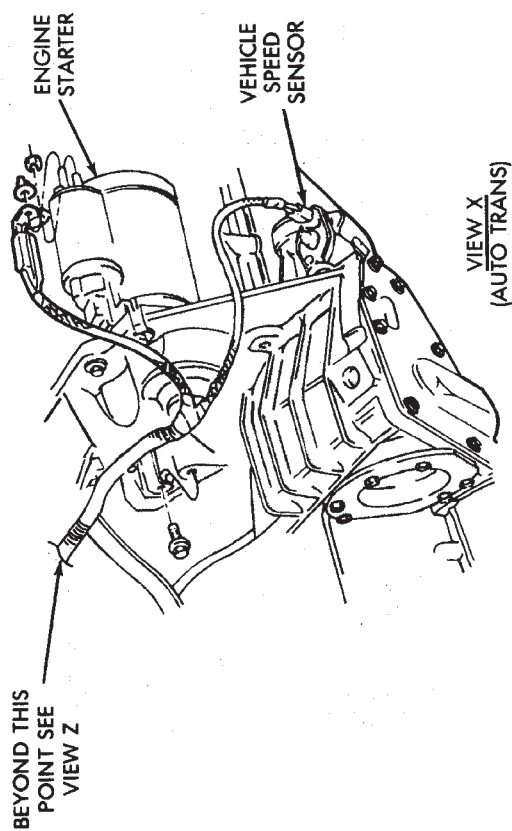
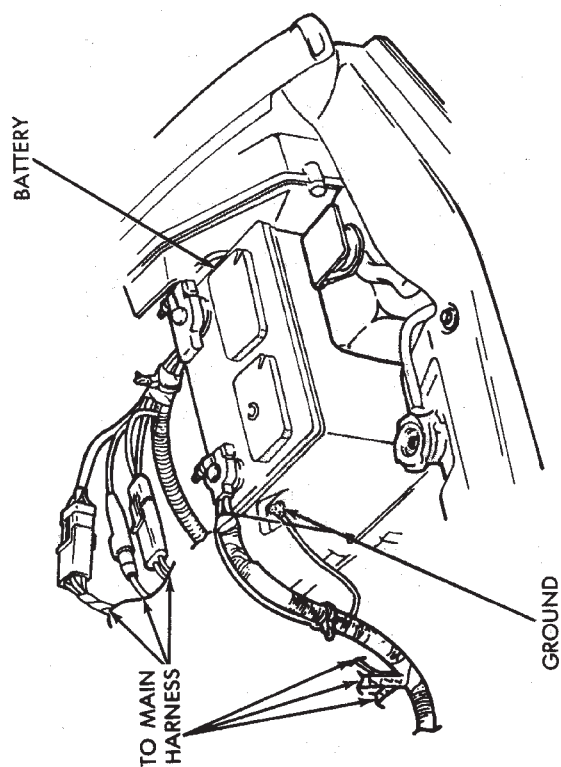
VIEW Y

Fig. 20 Engine Compartment Wiring 3.0L



**Fig. 21 Engine Compartment Wiring 3.3L**

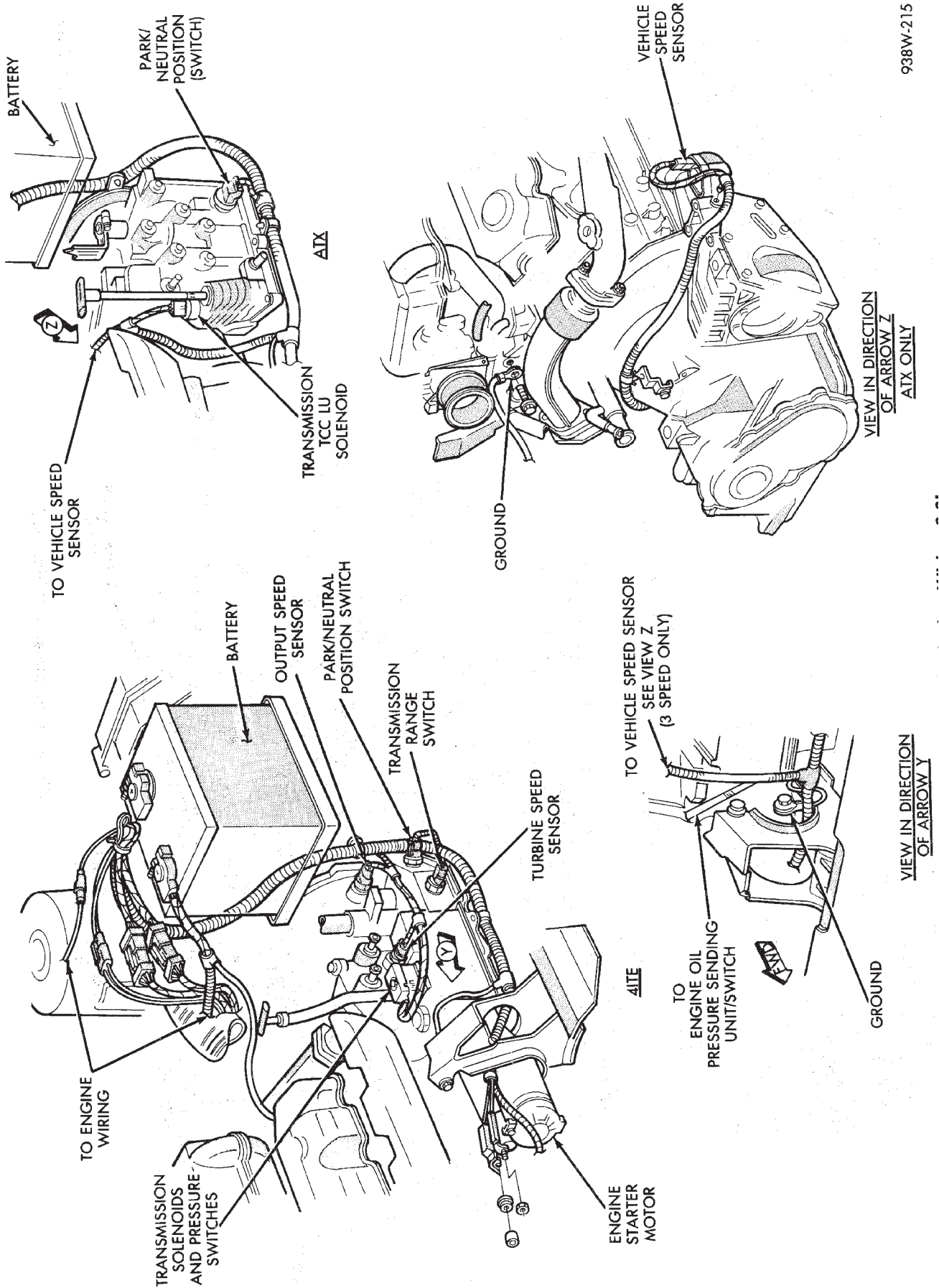




938W-214

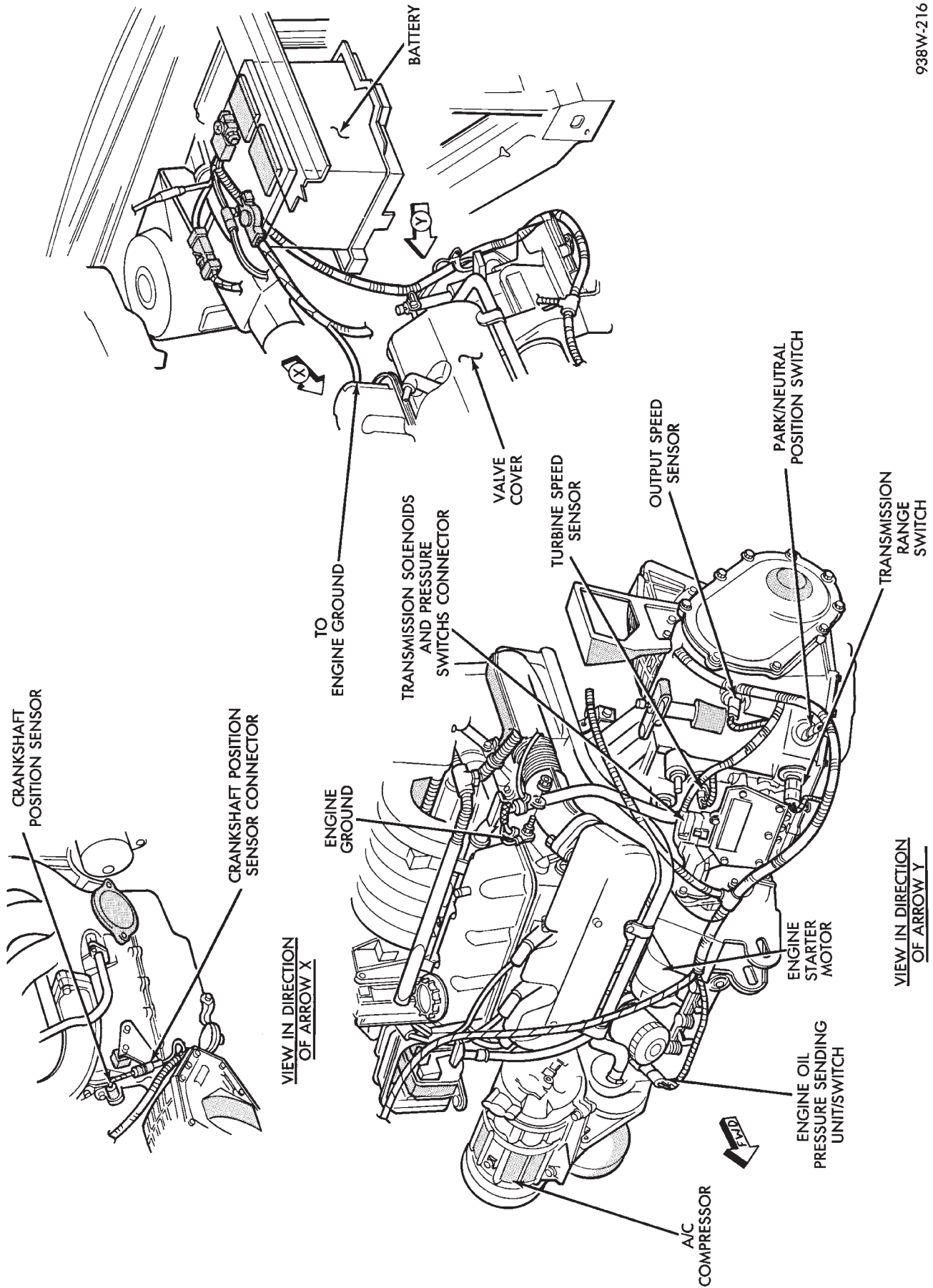
Fig. 22 Transmission Wiring 2.5L





938W-215

Fig. 23 Transmission Wiring 3.0L



938W-216

Fig. 24 Transmission Wiring 3.3L



938W-111

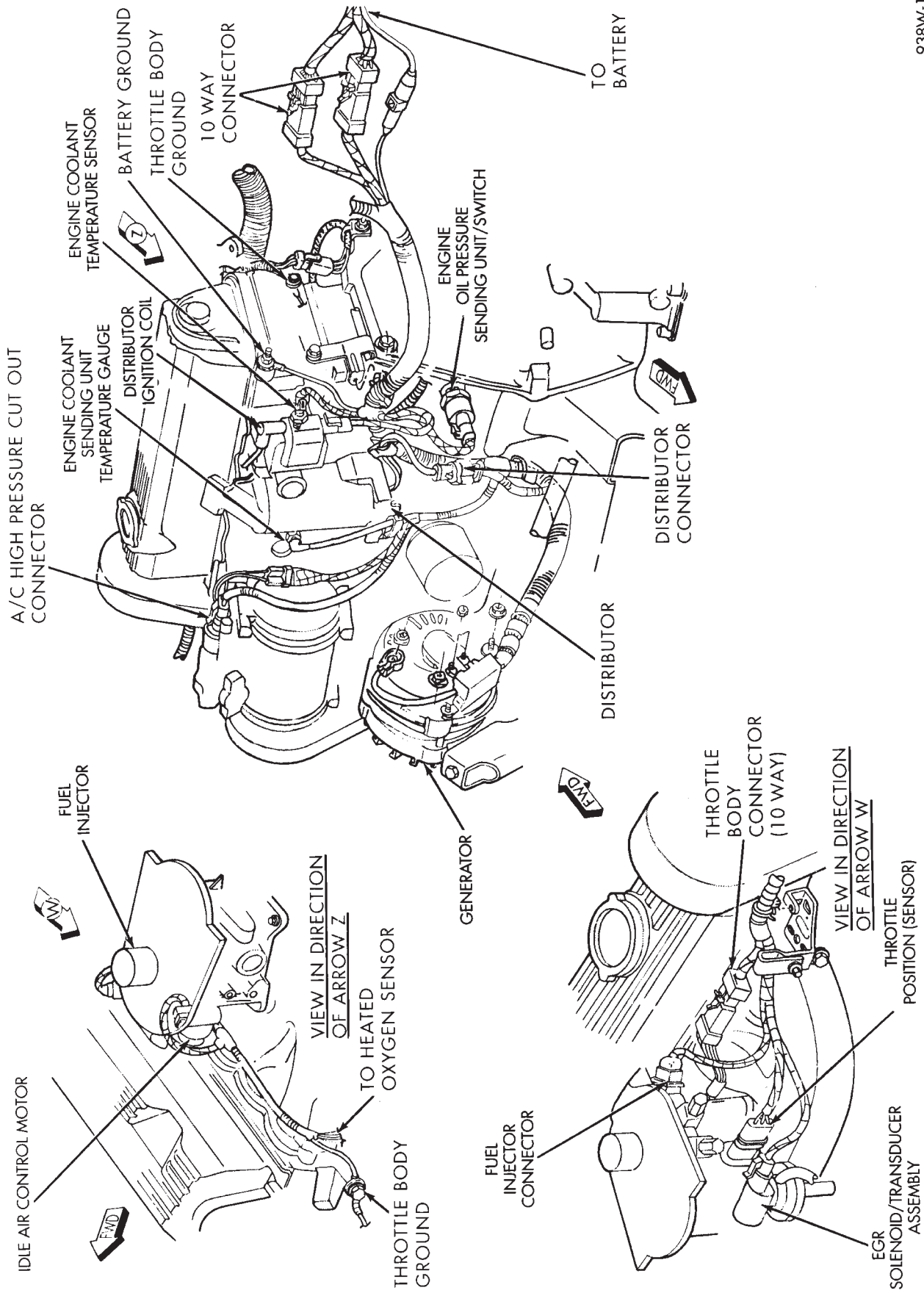


Fig. 25 Engine Wiring 2.5L

938W-217

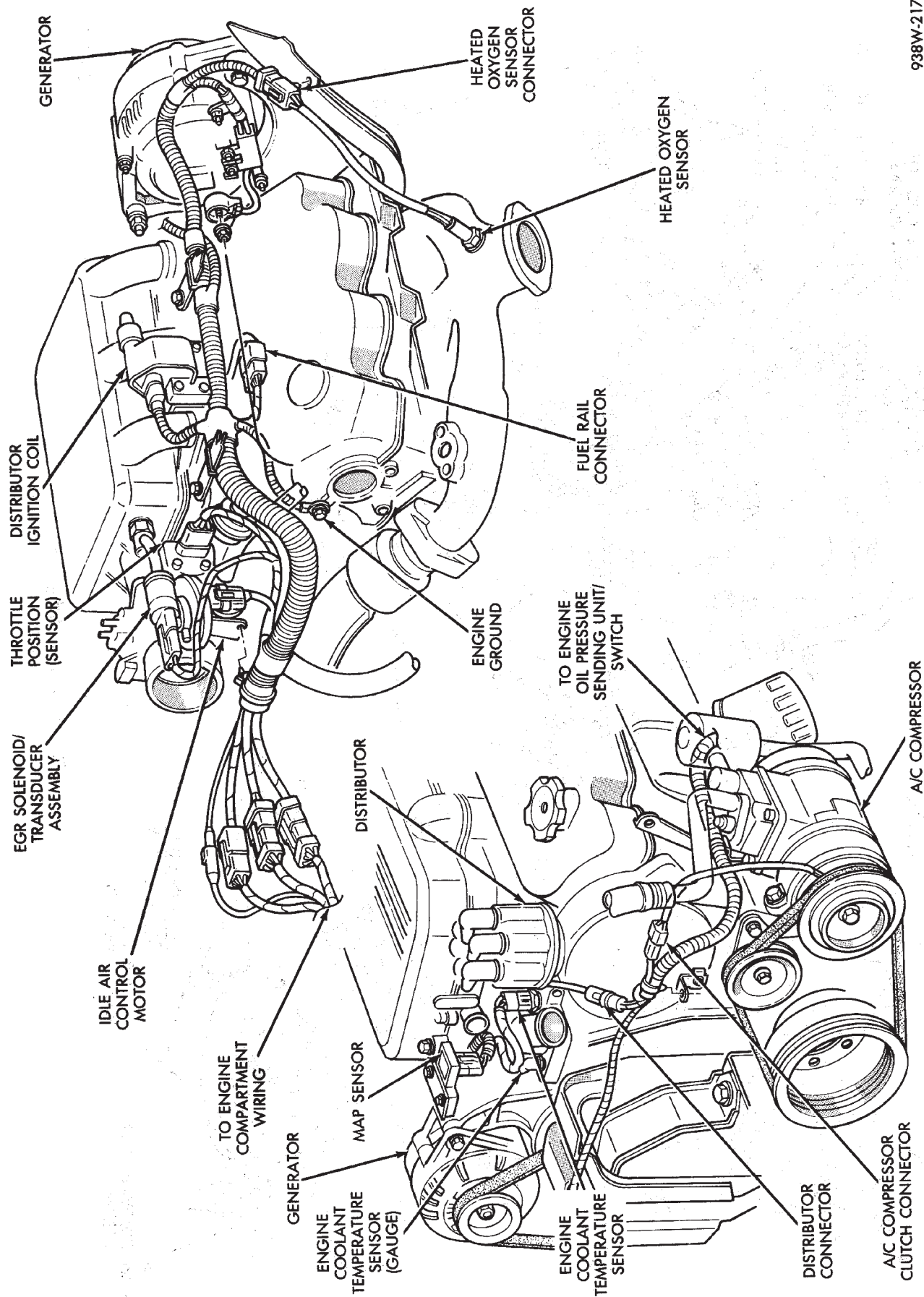


Fig. 26 Engine Wiring 3.0L



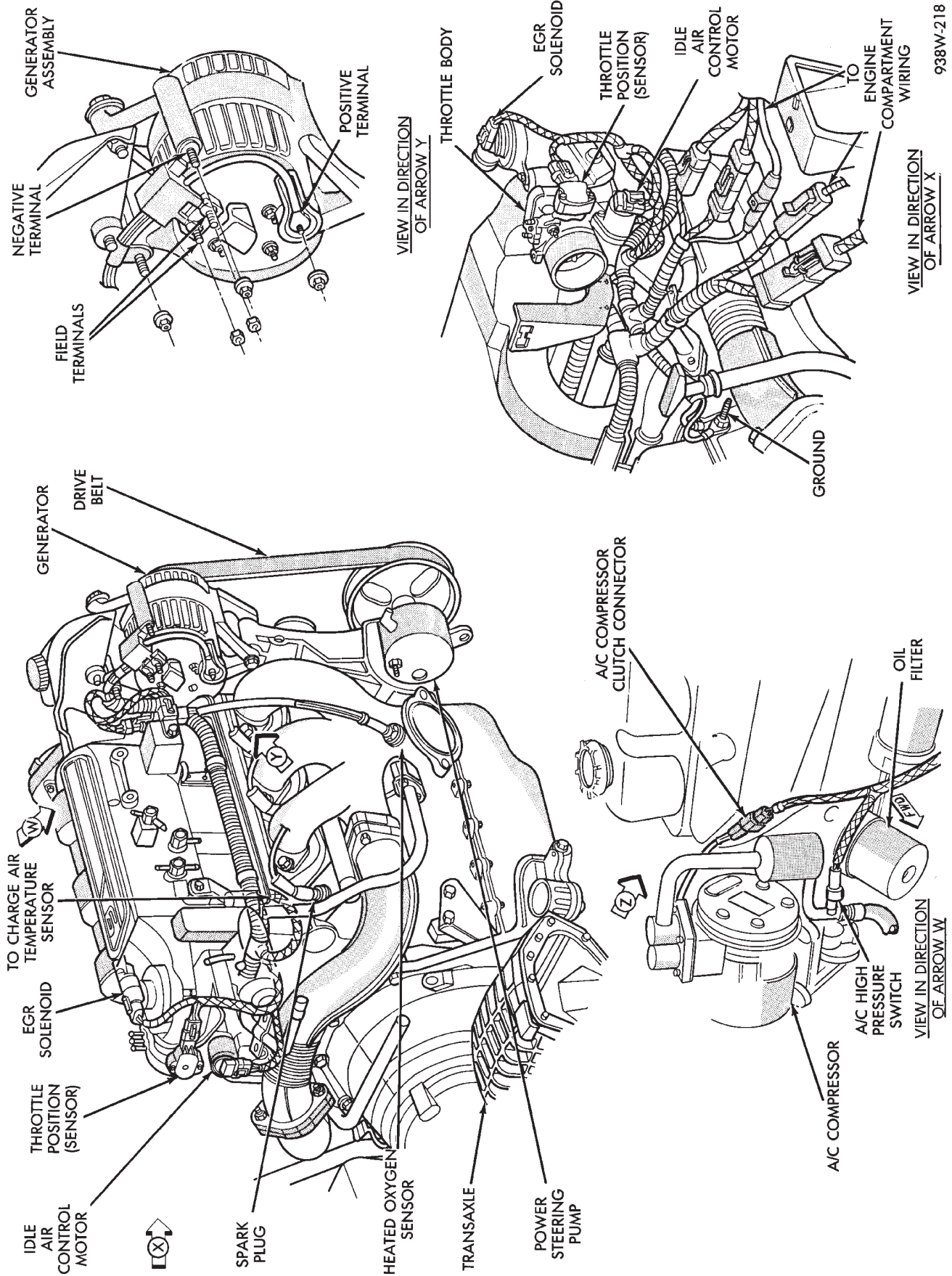


Fig. 27 Engine Wiring 3.3L

938W-218







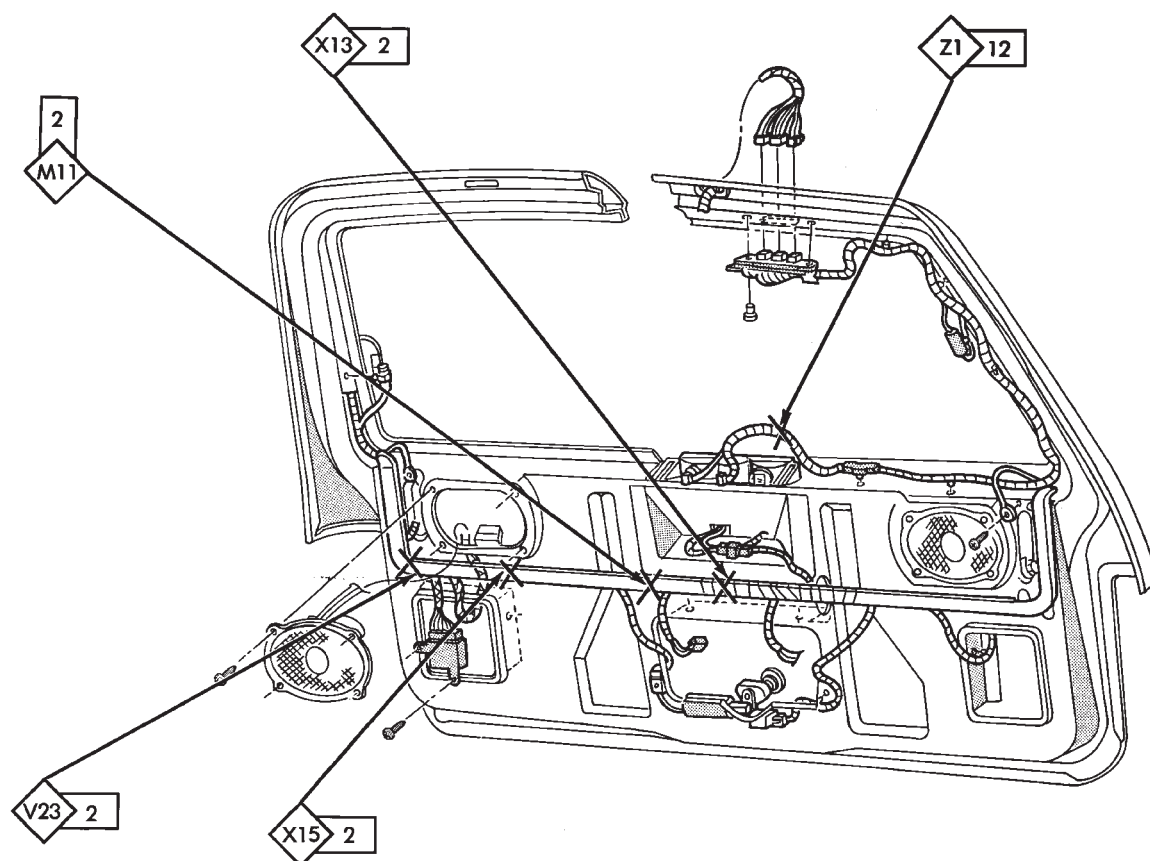
## SPLICE LOCATION

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F35	11	T16 3.0L, 3.3L	15
F62	9	T41 3.0L, 3.3L	14

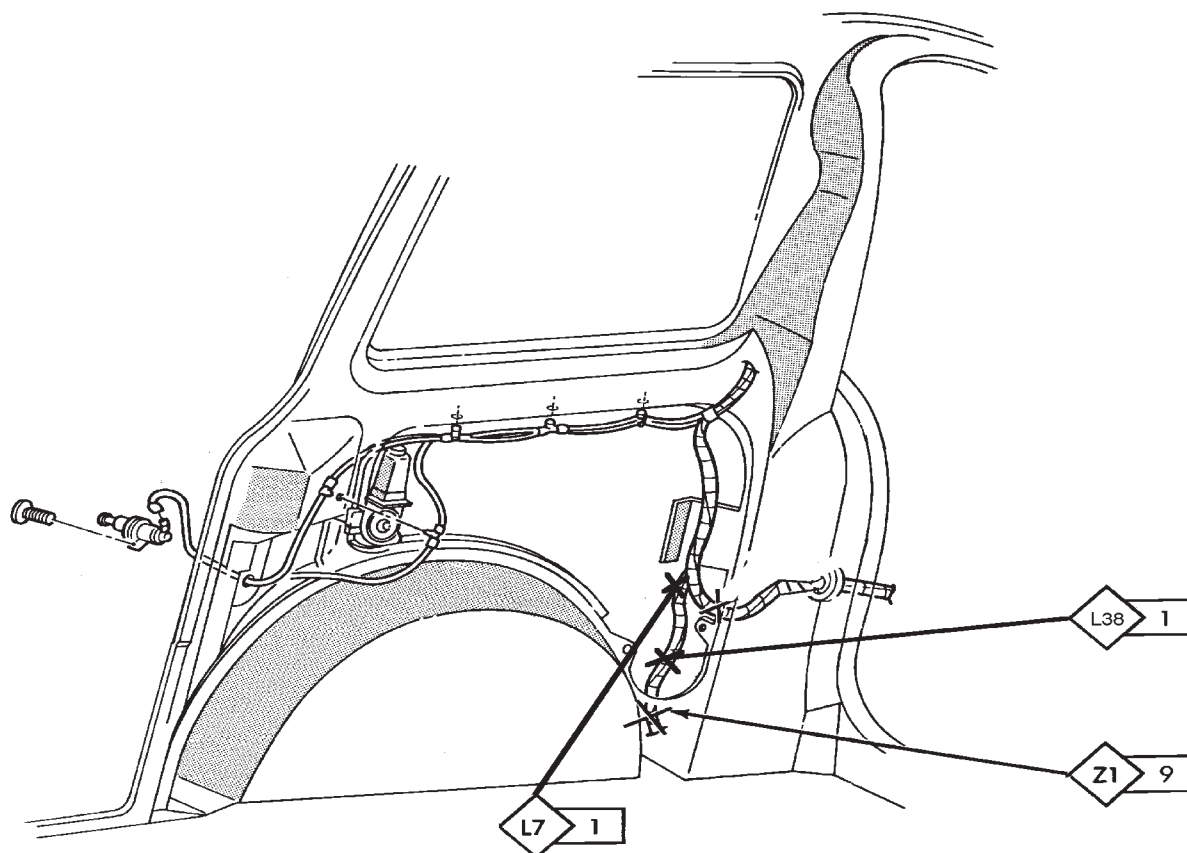
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V5	.10
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V23-2	.1
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X13-2	.1
X15	.10
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X15-2	.1
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X54-1	.10
X55	.9
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Z1-3 3.0L, 3.3L	.15
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Splice Number	Fig.
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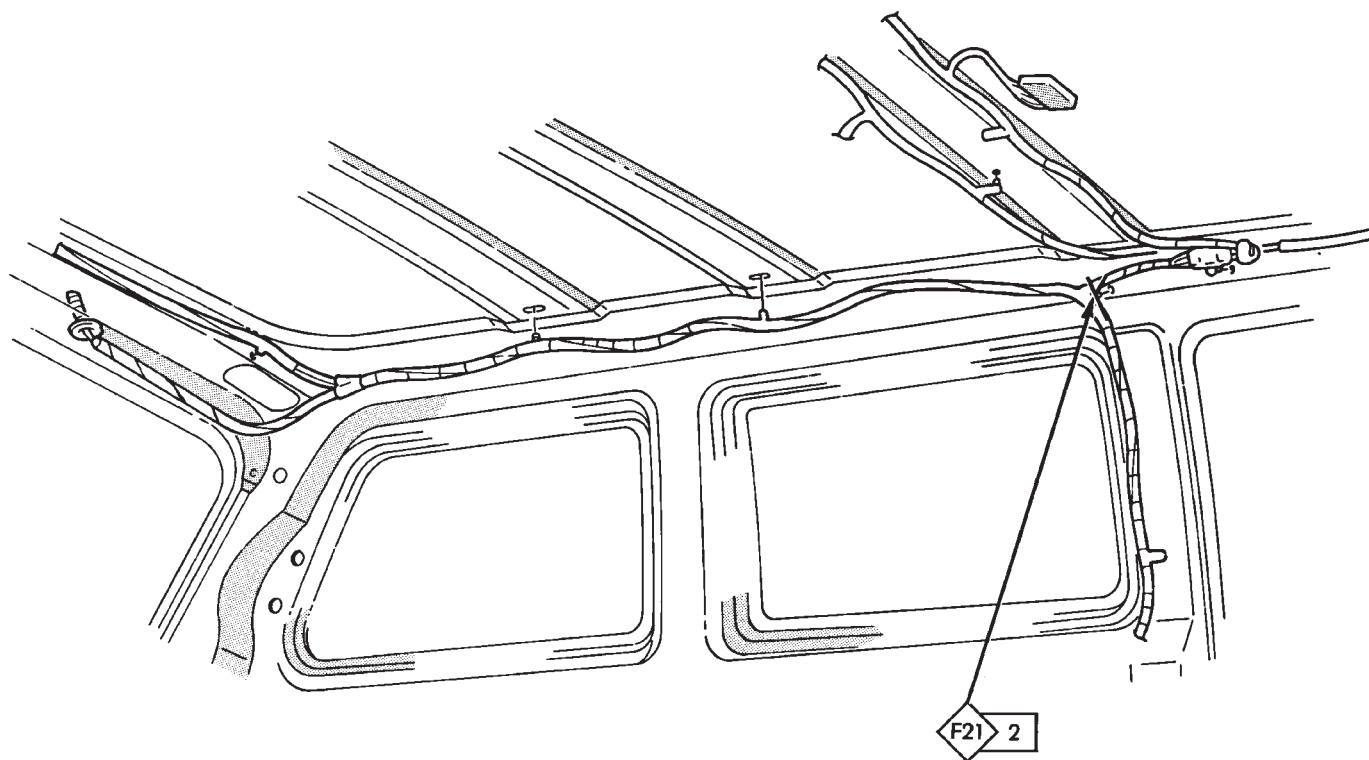
938W-220

**Fig. 1 Liftgate Splices**



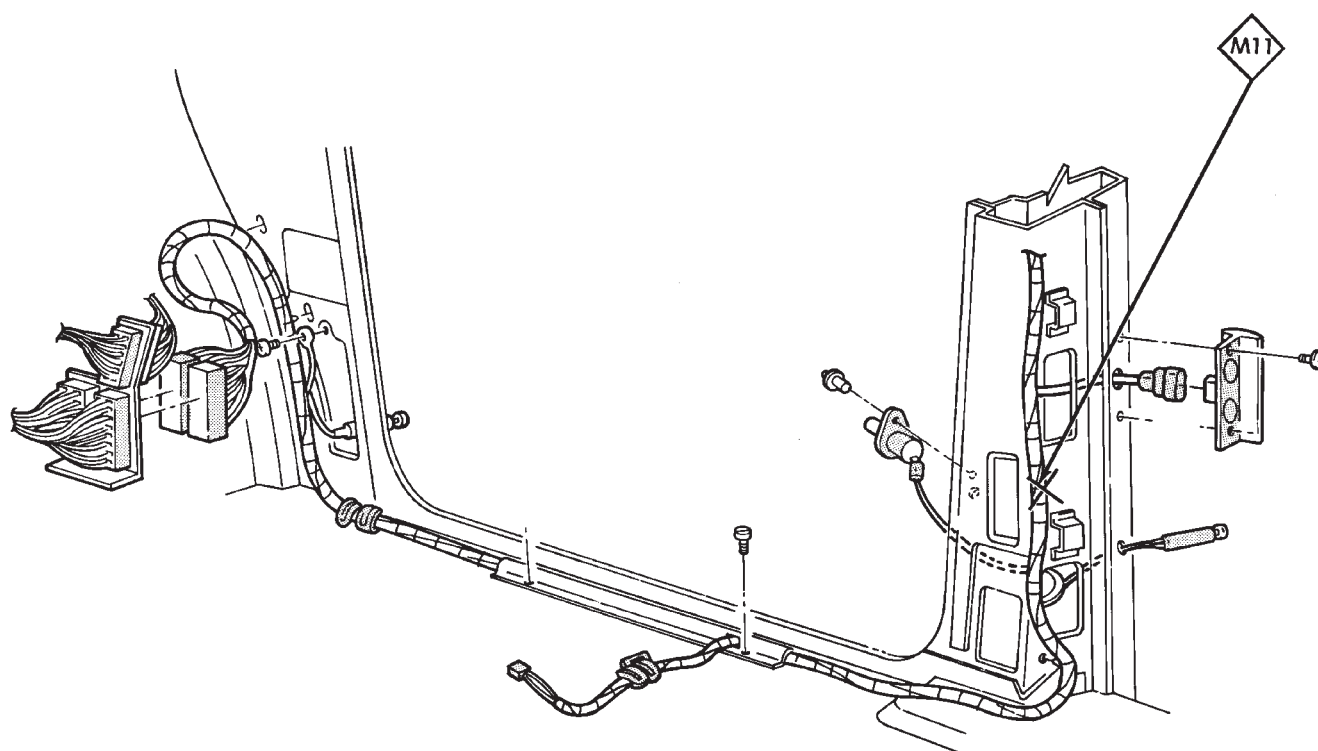
928W-147

**Fig. 2 Rear End Splices**



938W-221

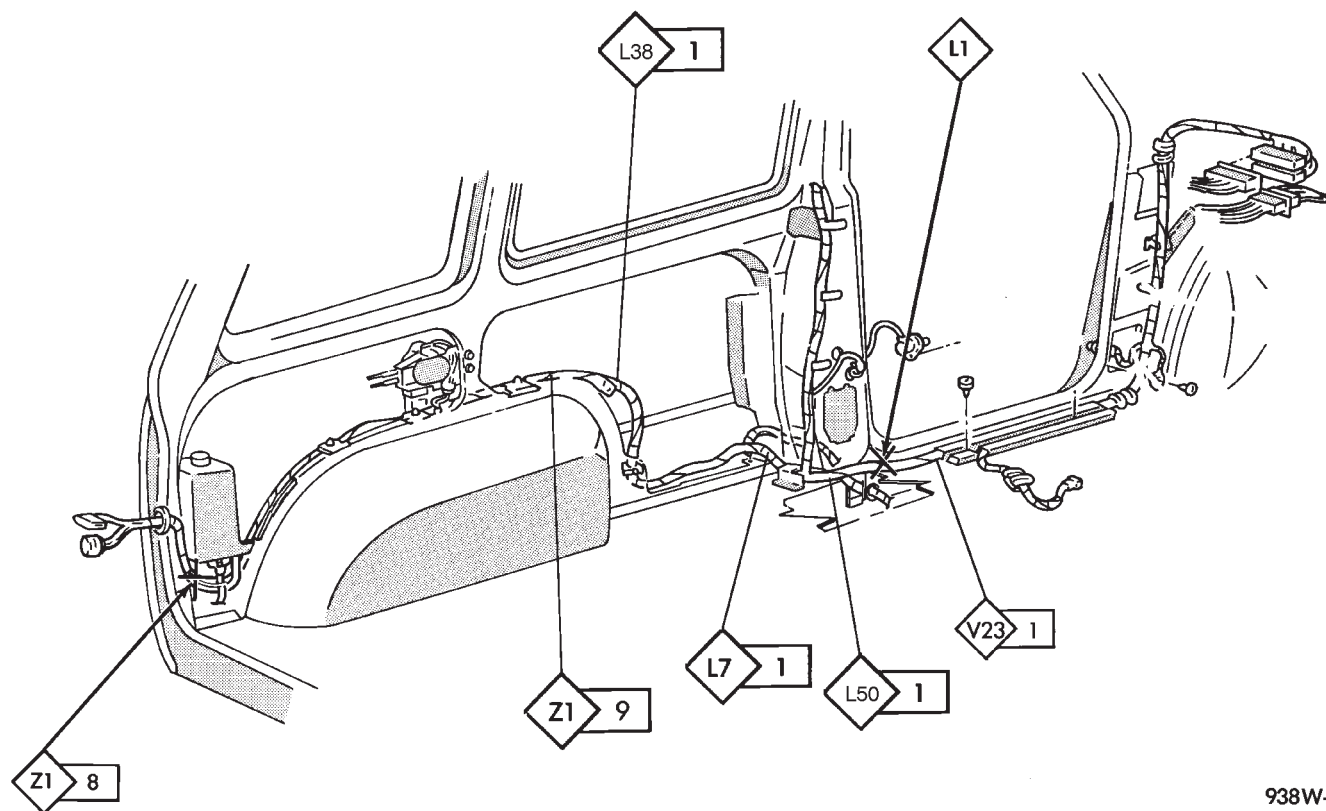
*Fig. 3 Roof Splices (Left Side)*



938W-222

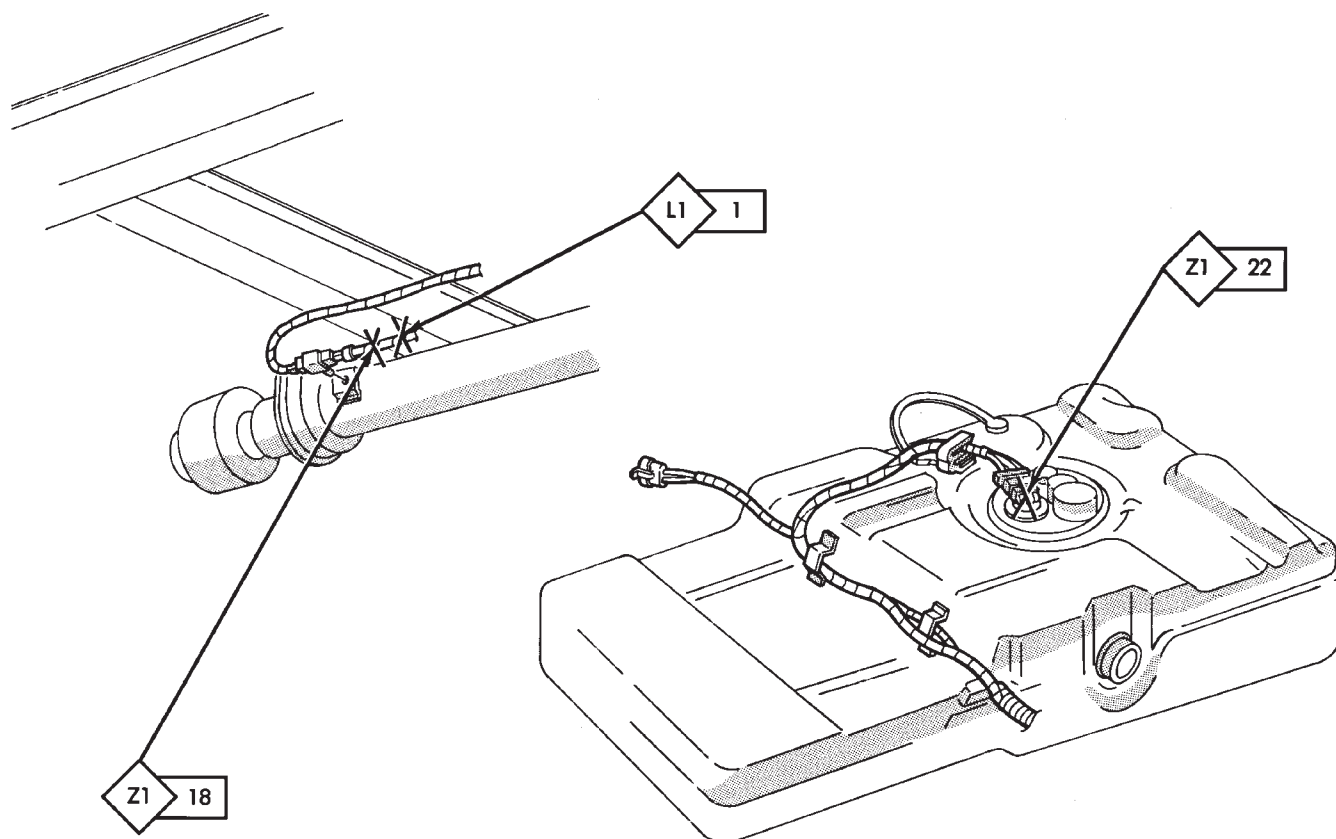
*Fig. 4 Floor Pan Splices*





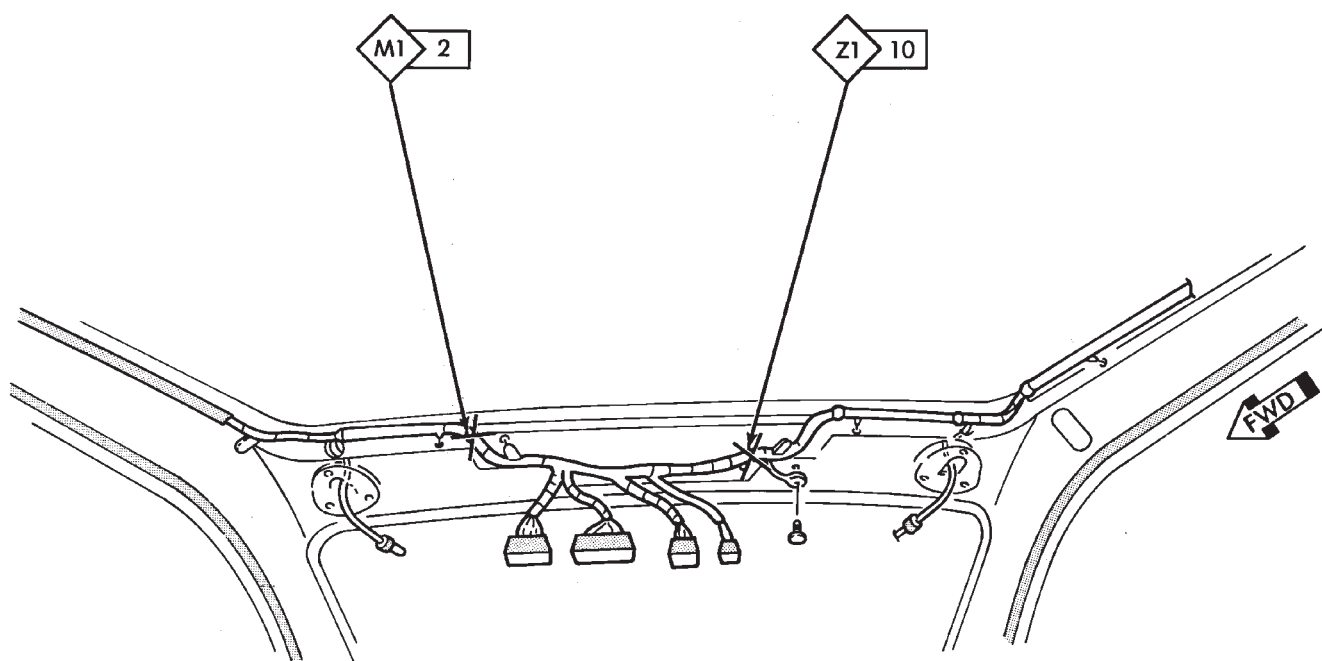
938W-223

**Fig. 5 Body Left Side Splices**



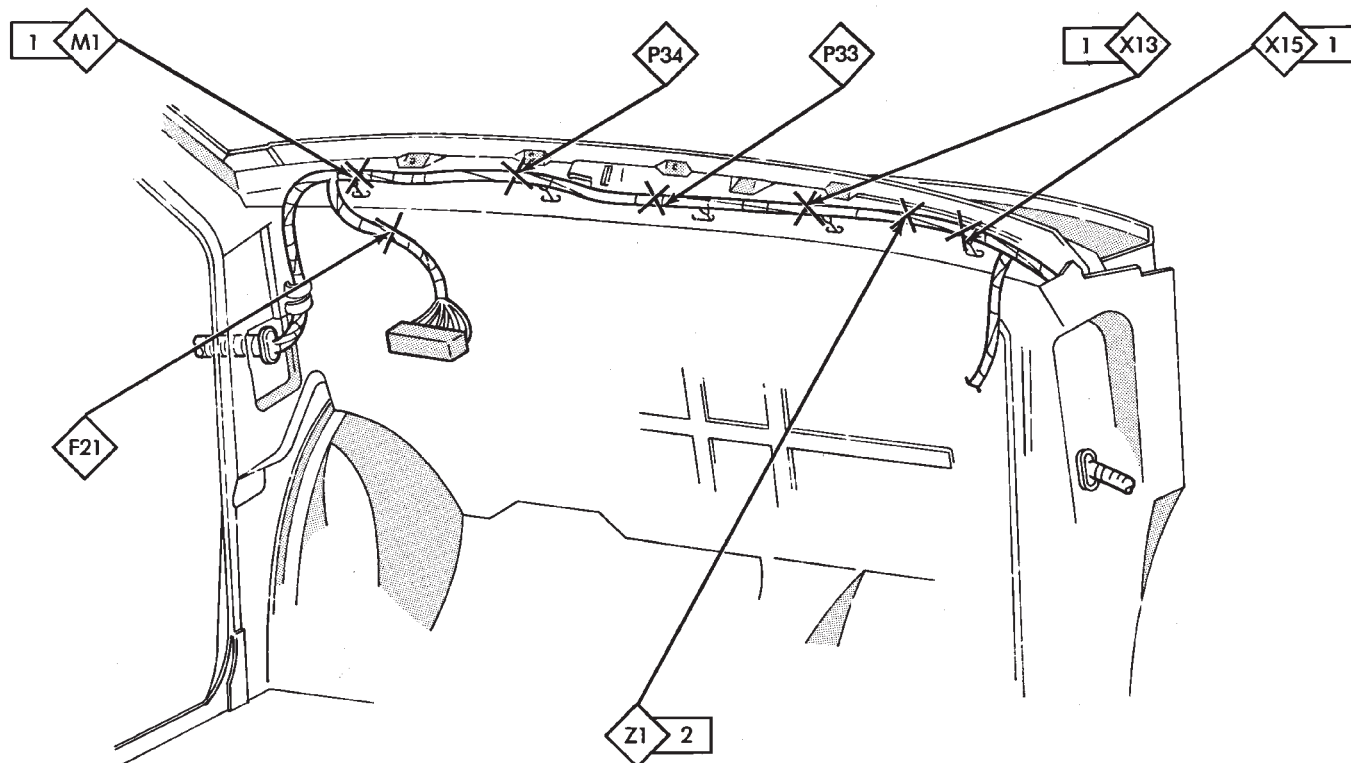
938W-224

**Fig. 6 Fuel Tank and AWD Splices**



**Fig. 7 Roof Rail Splices**

928W-152



**Fig. 8 Cowl Panel Splices**

938W-225



938W-226

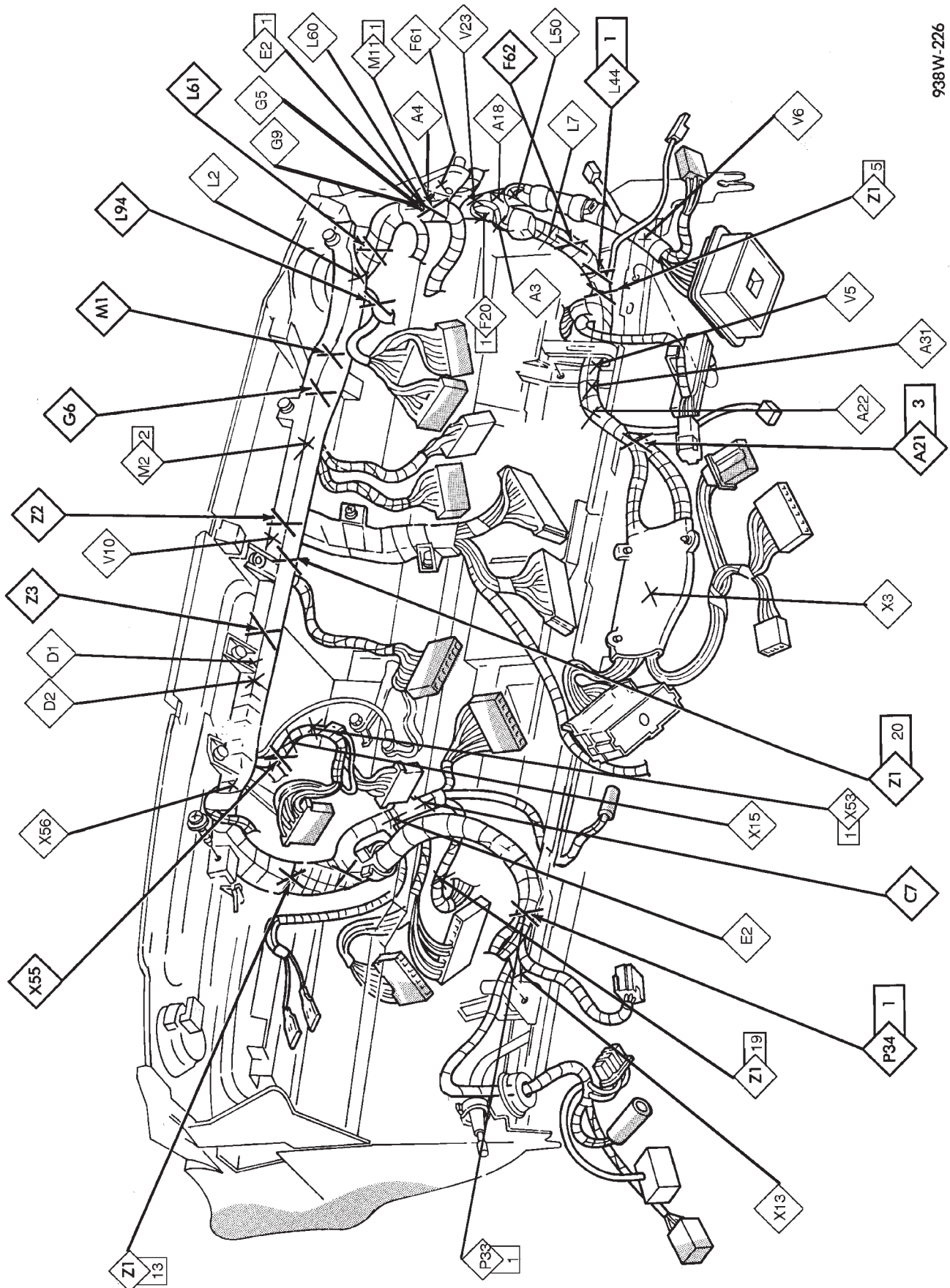


Fig. 9 Instrument Panel Splices

938W-227

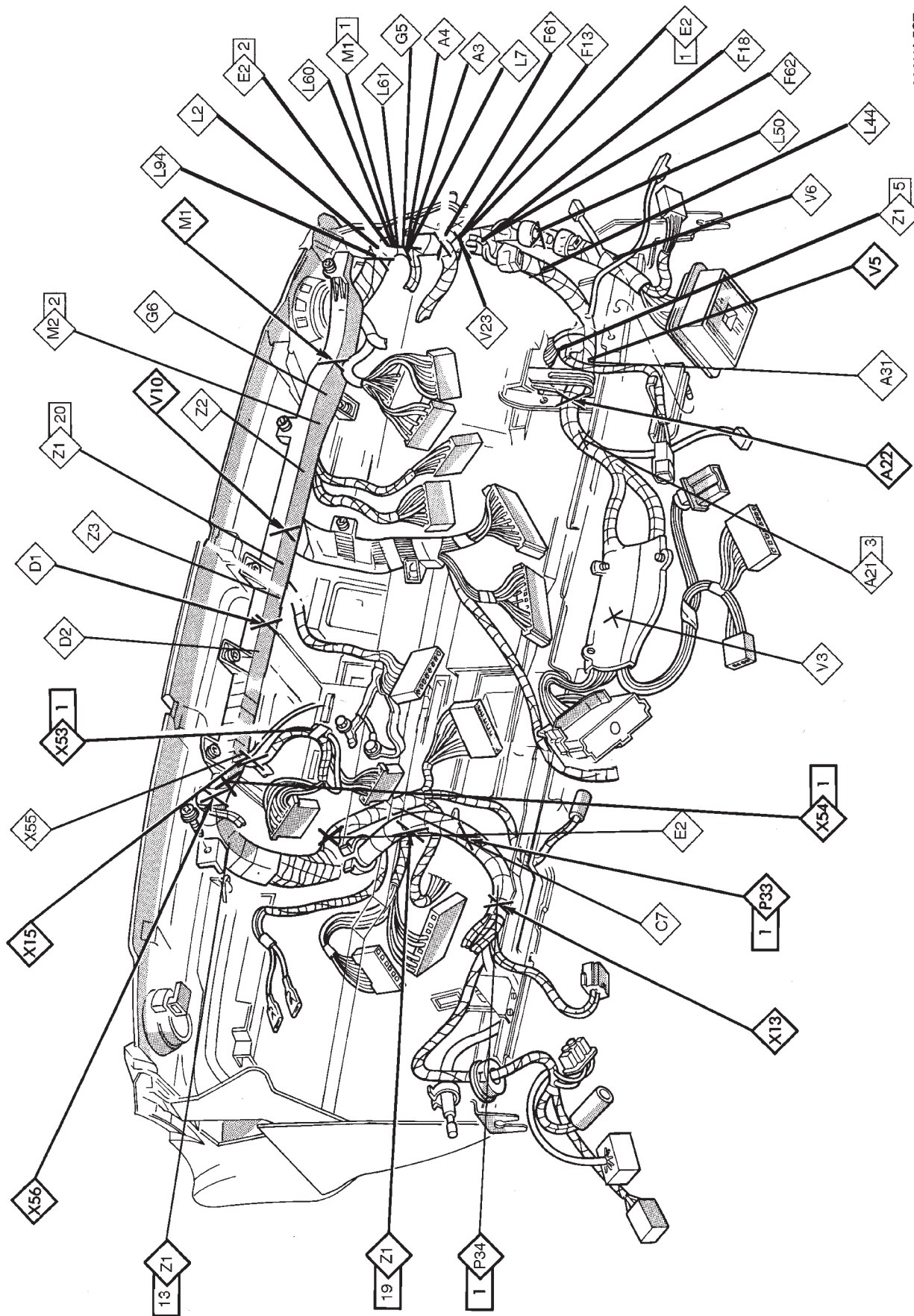
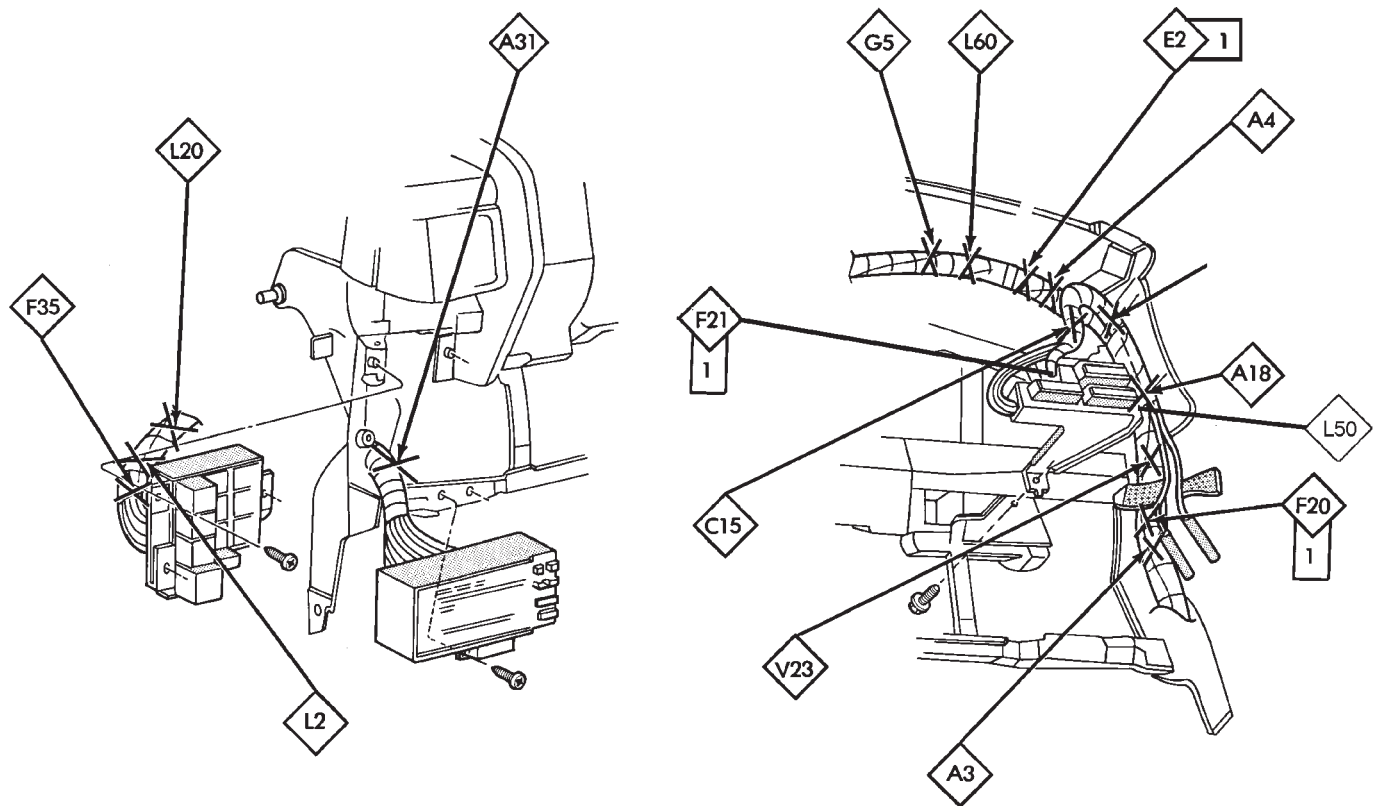


Fig. 10 Instrument Panel Splices





LEFT SIDE OF INSTRUMENT PANEL SHOWN

938W-228

Fig. 11 Instrument Panel Splices

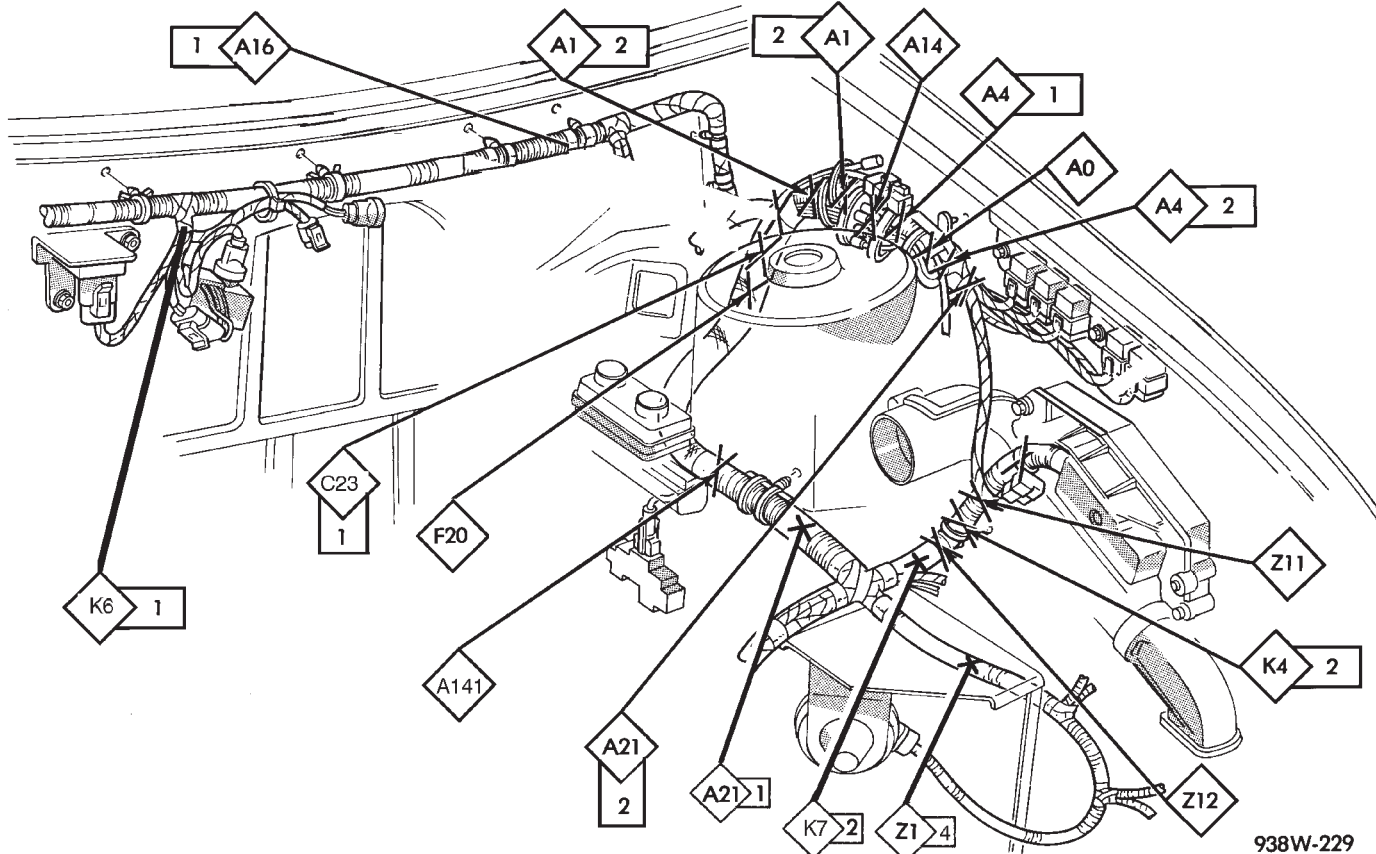
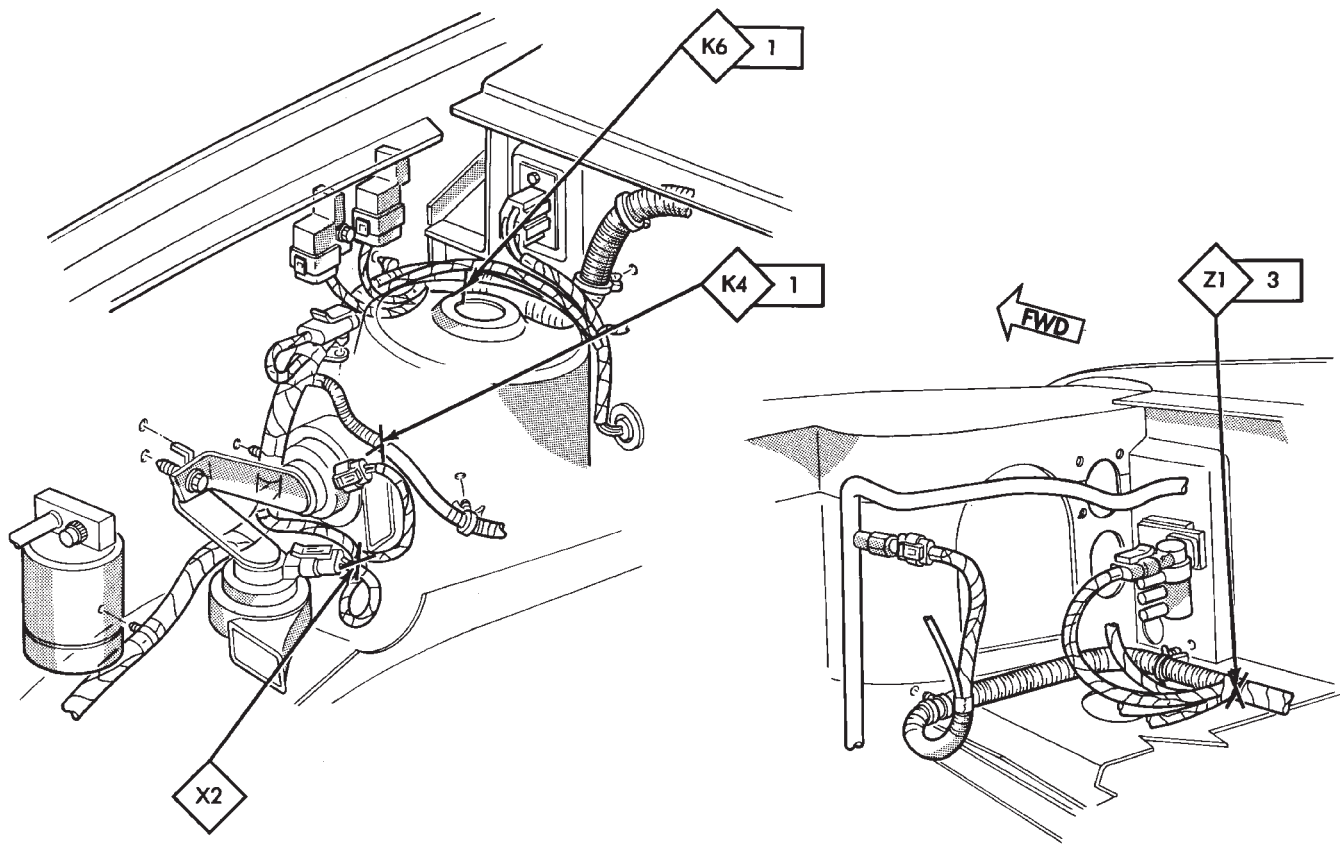


Fig. 12 Engine Compartment Splices 2.5L

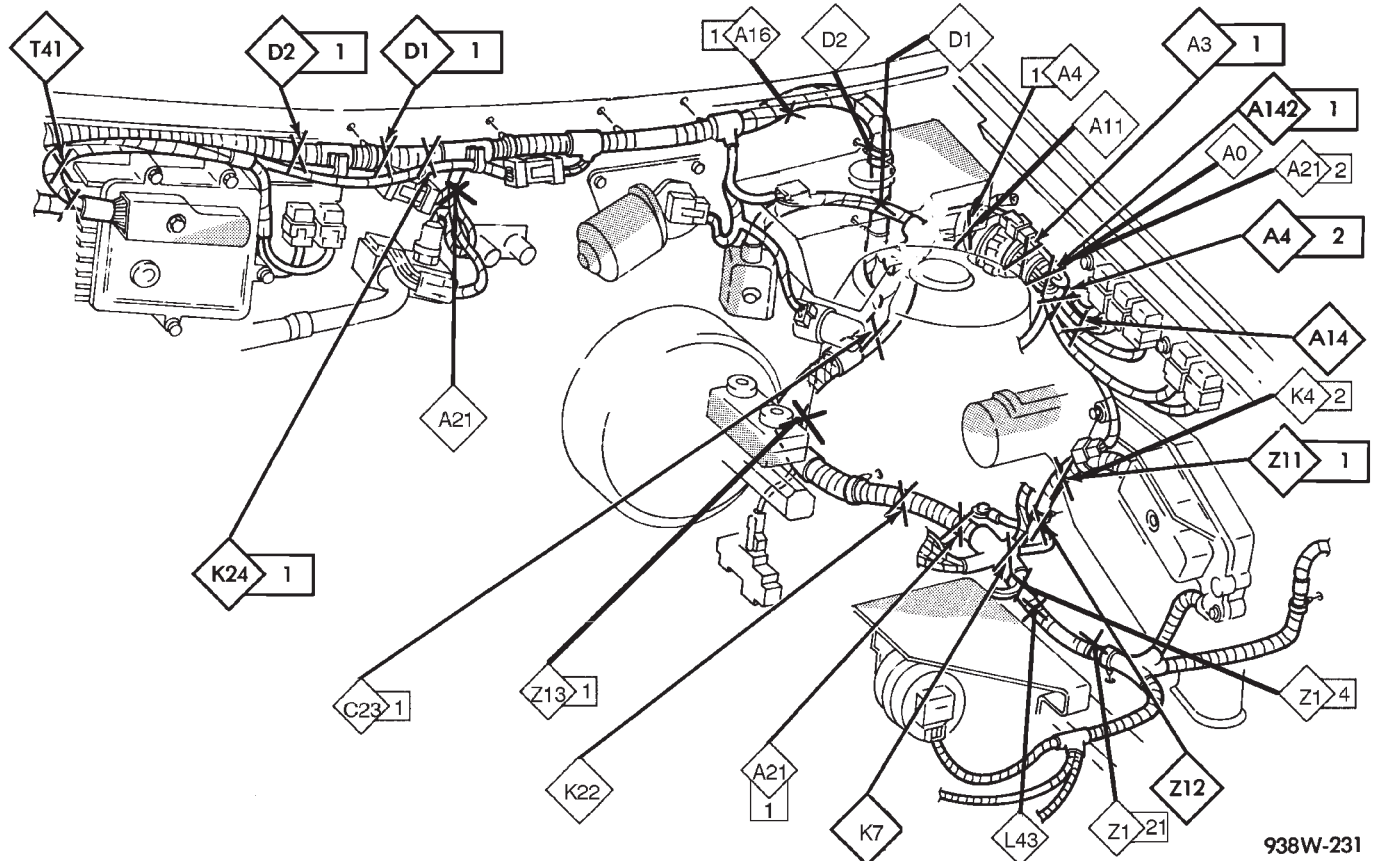
938W-229





938W-230

Fig. 13 Engine Compartment Splices 2.5L



938W-231

Fig. 14 Engine Compartment Splices 3.0L, 3.3L

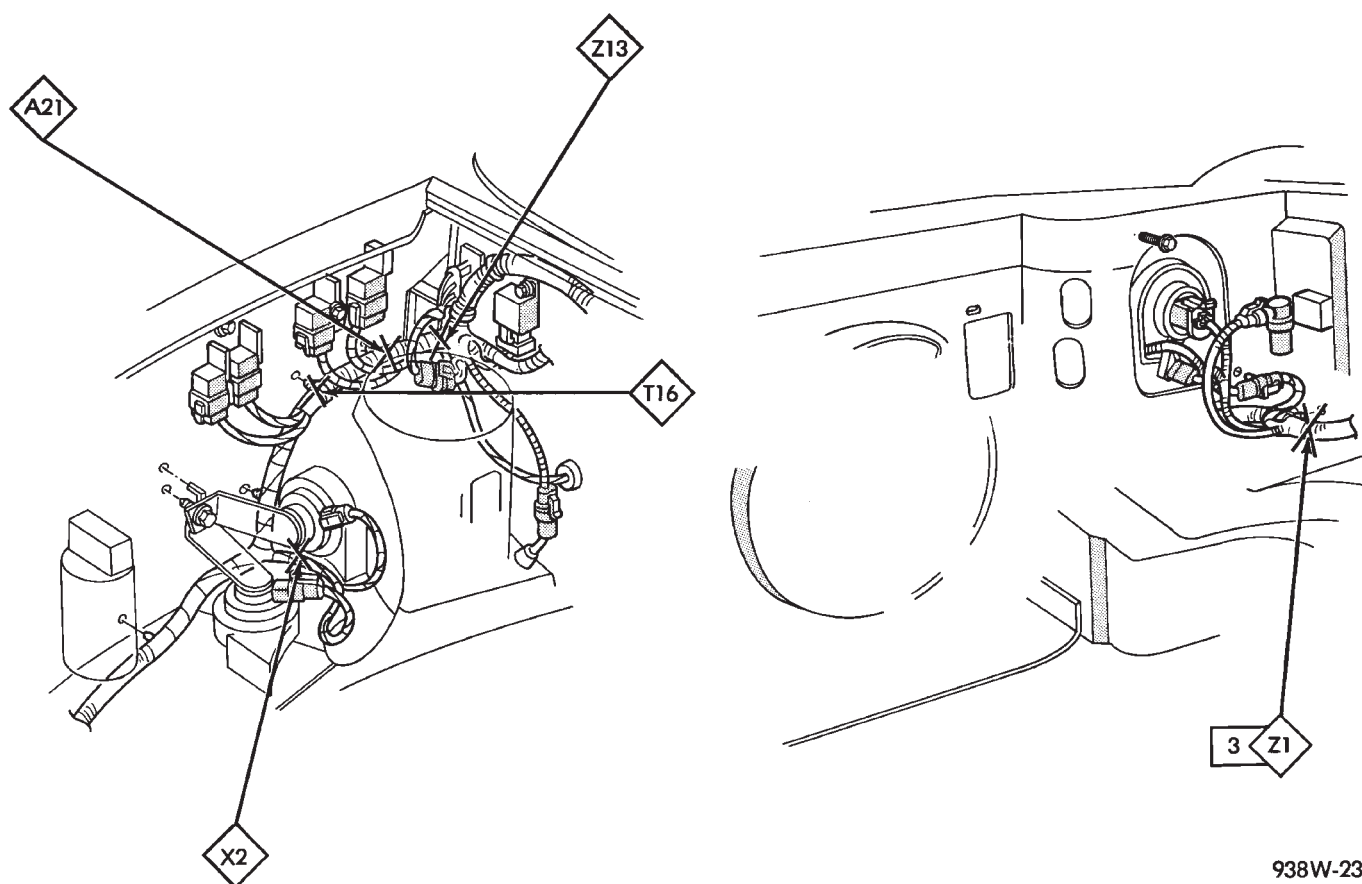


Fig. 15 Engine Compartment Splices 3.0L, 3.3L

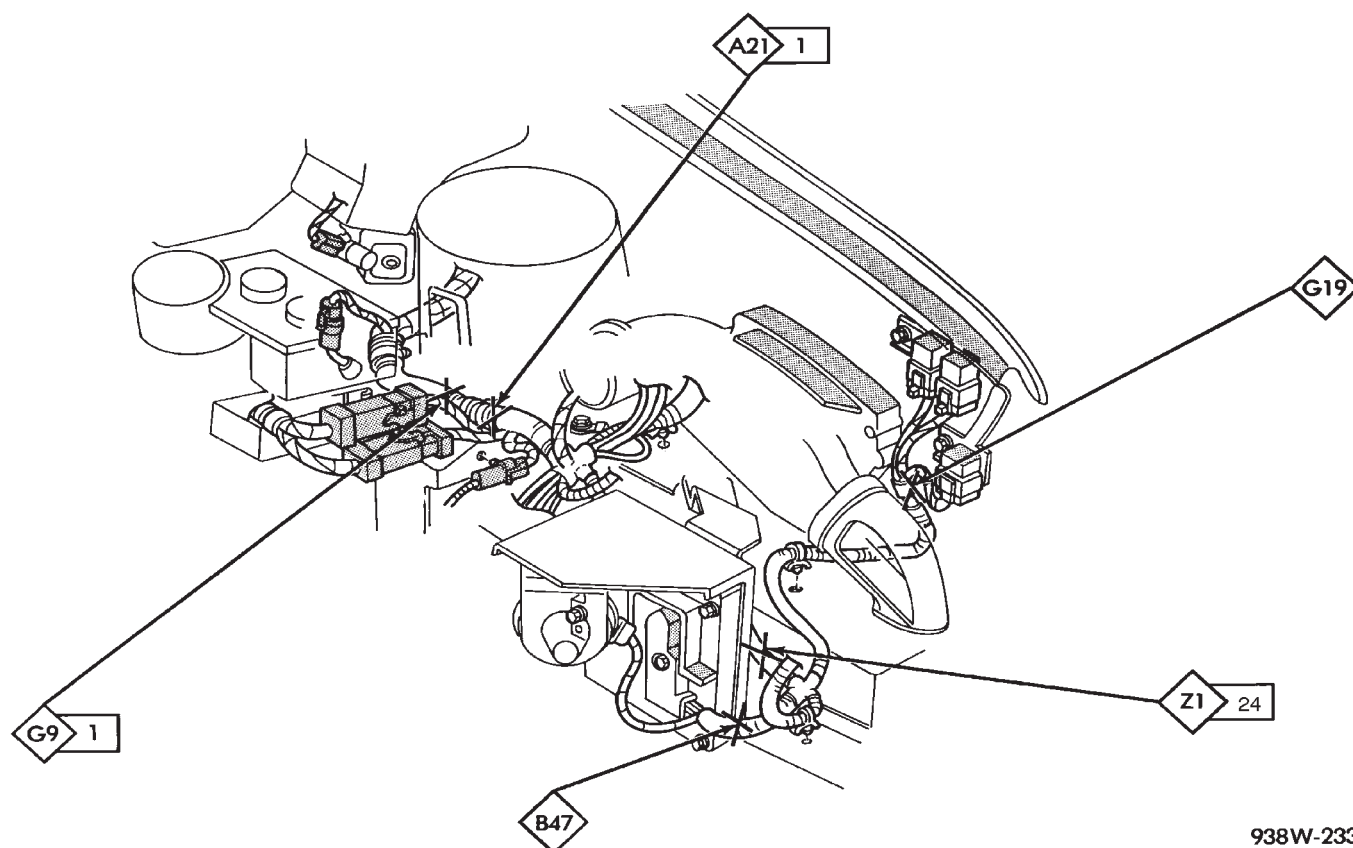
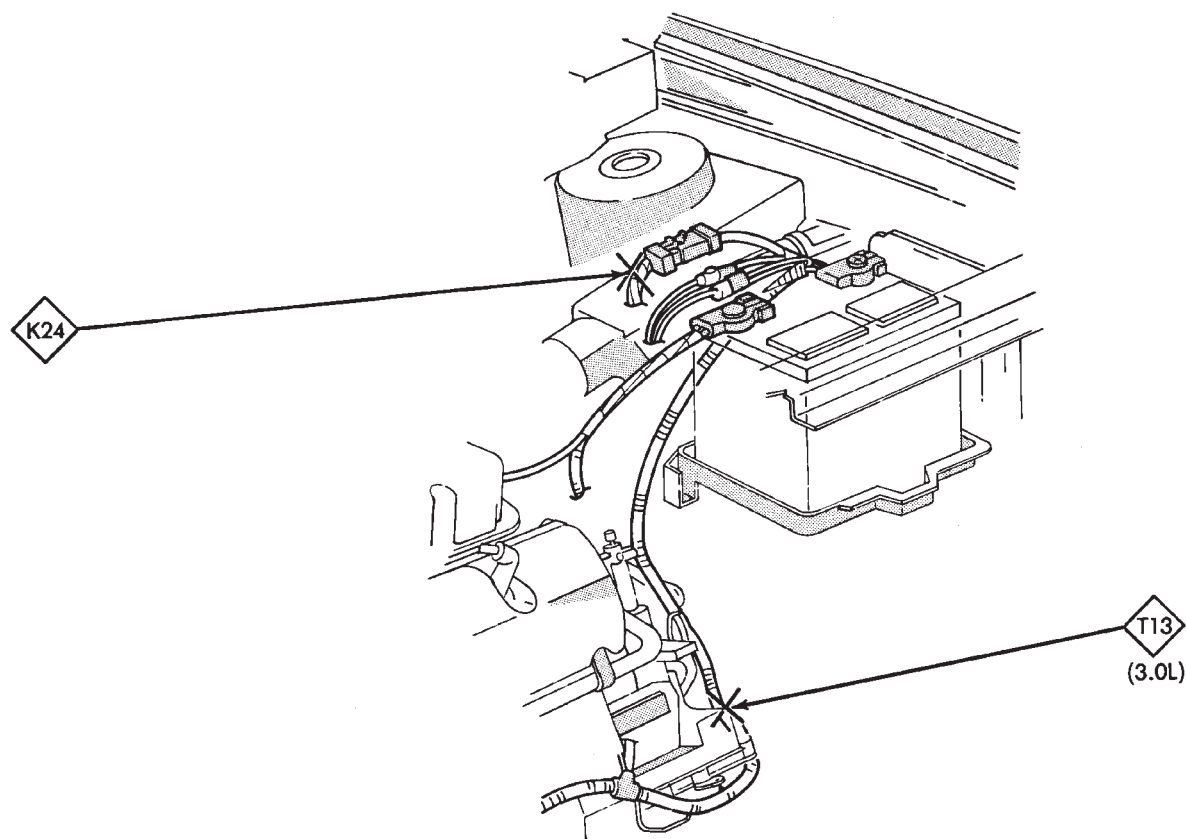
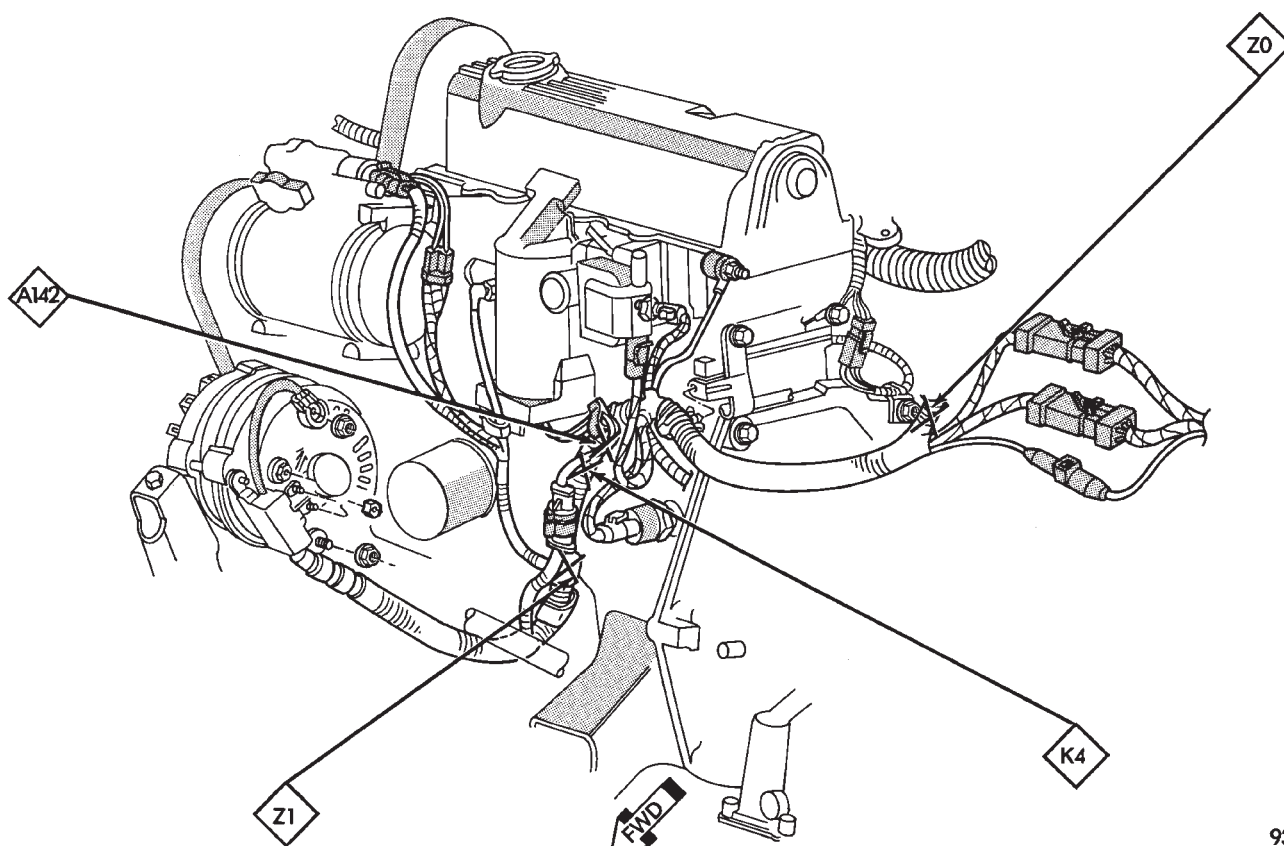


Fig. 16 Engine Compartment Splices 3.0L, 3.3L



**Fig. 17 Engine Compartment Splices 3.0L, 3.3L**

938W-234



**Fig. 18 Engine Splices 2.5L**

938W-235

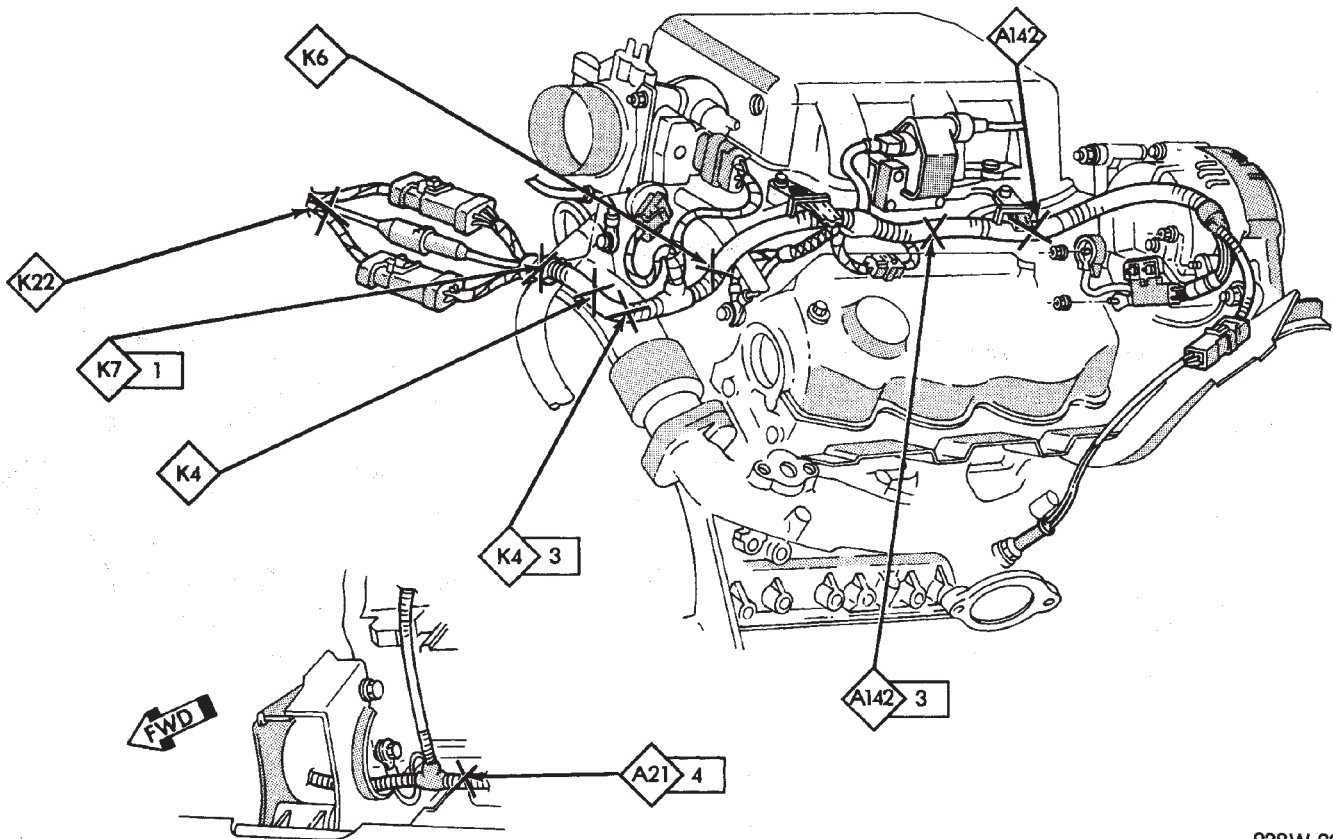


Fig. 19 Engine Splices 3.0L

938W-236

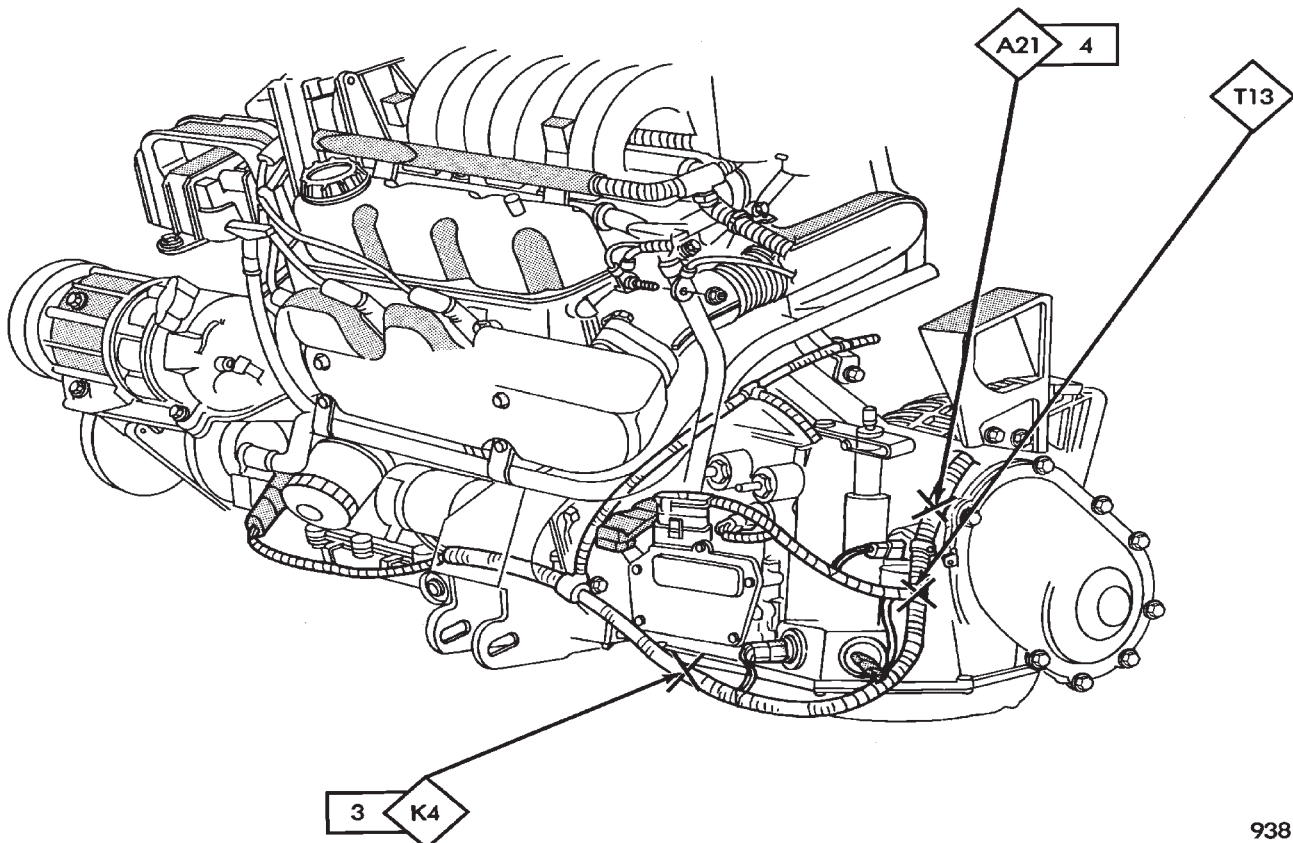


Fig. 20 Engine Splices 3.3L

938W-237



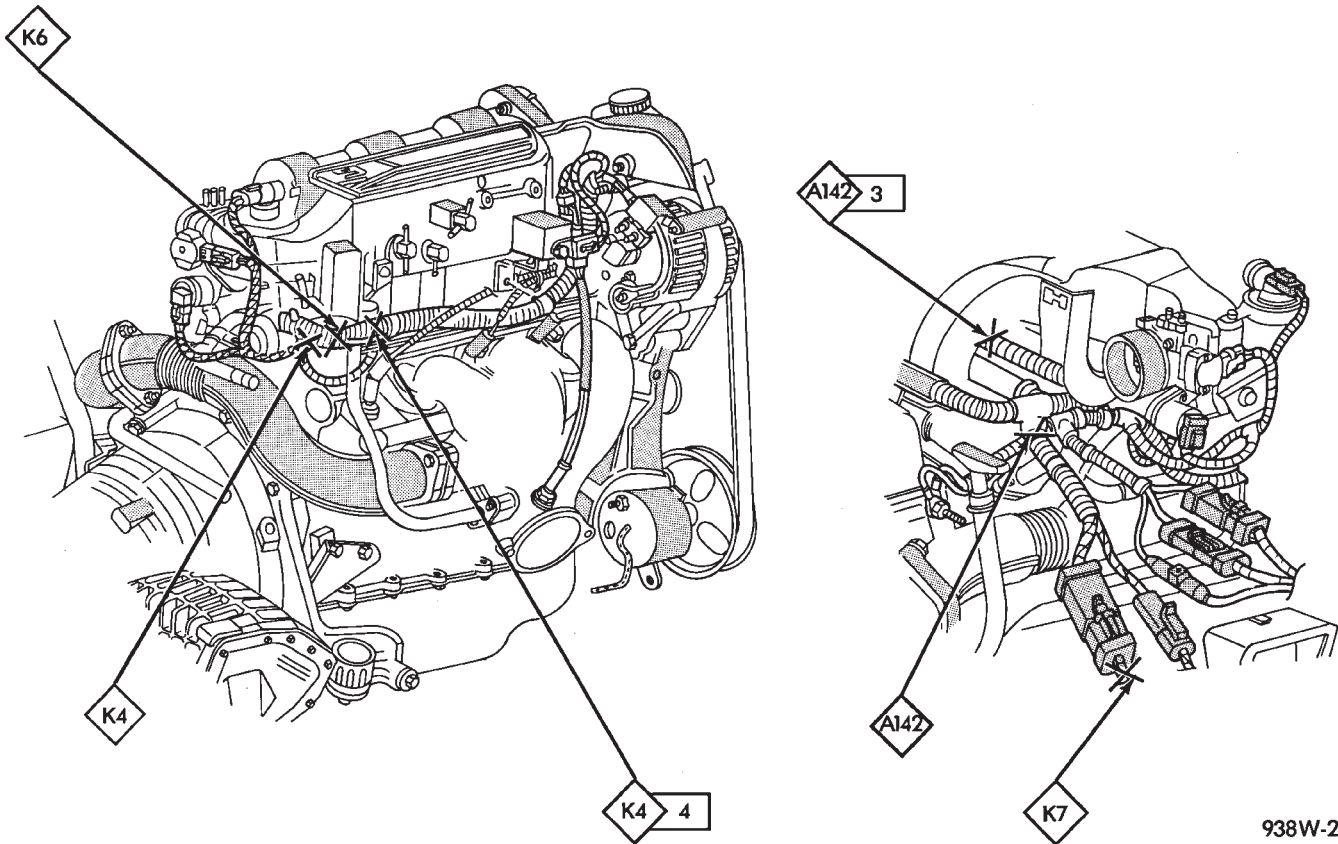


Fig. 21 Engine Splices 3.3L

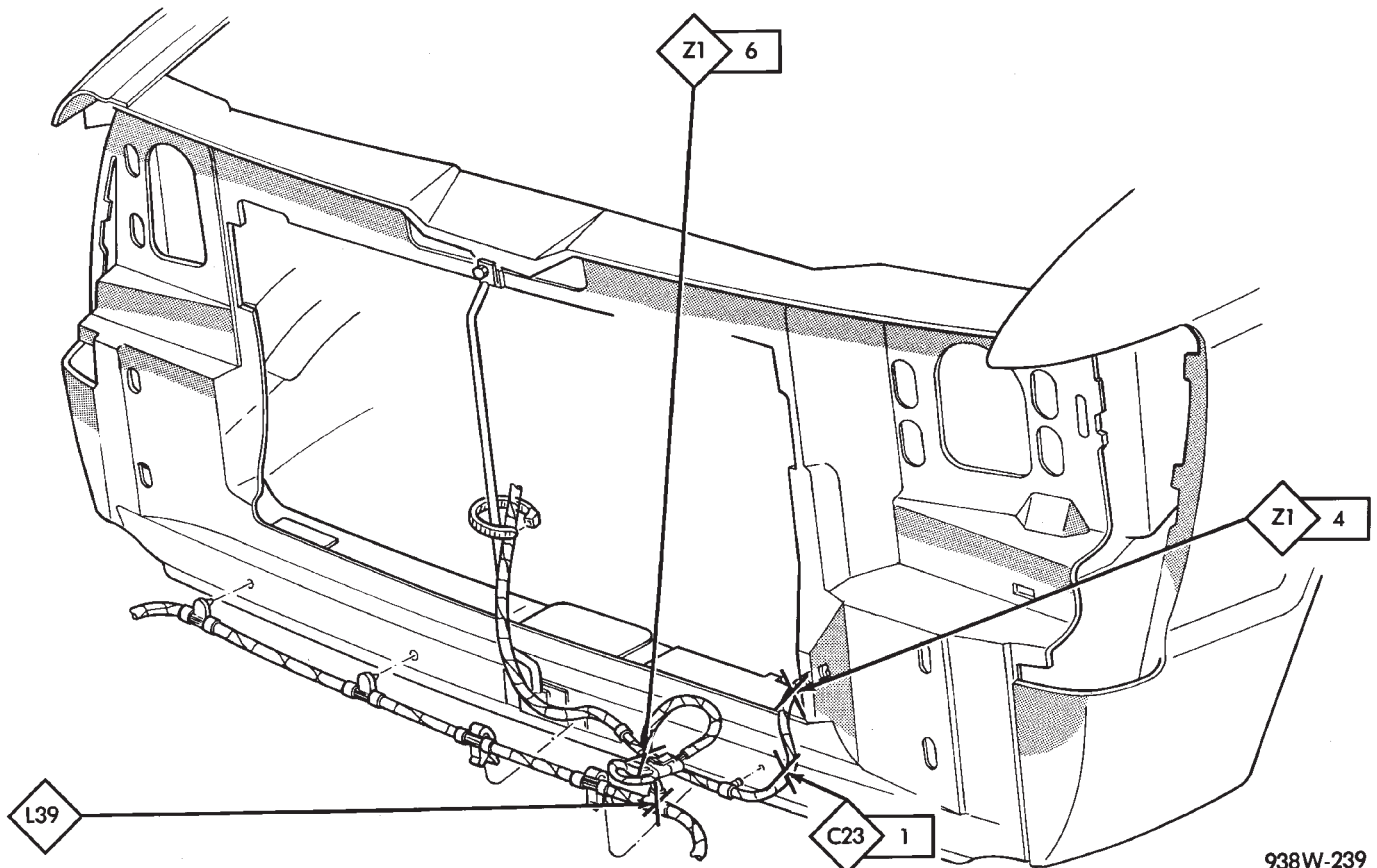


Fig. 22 Front End Splices





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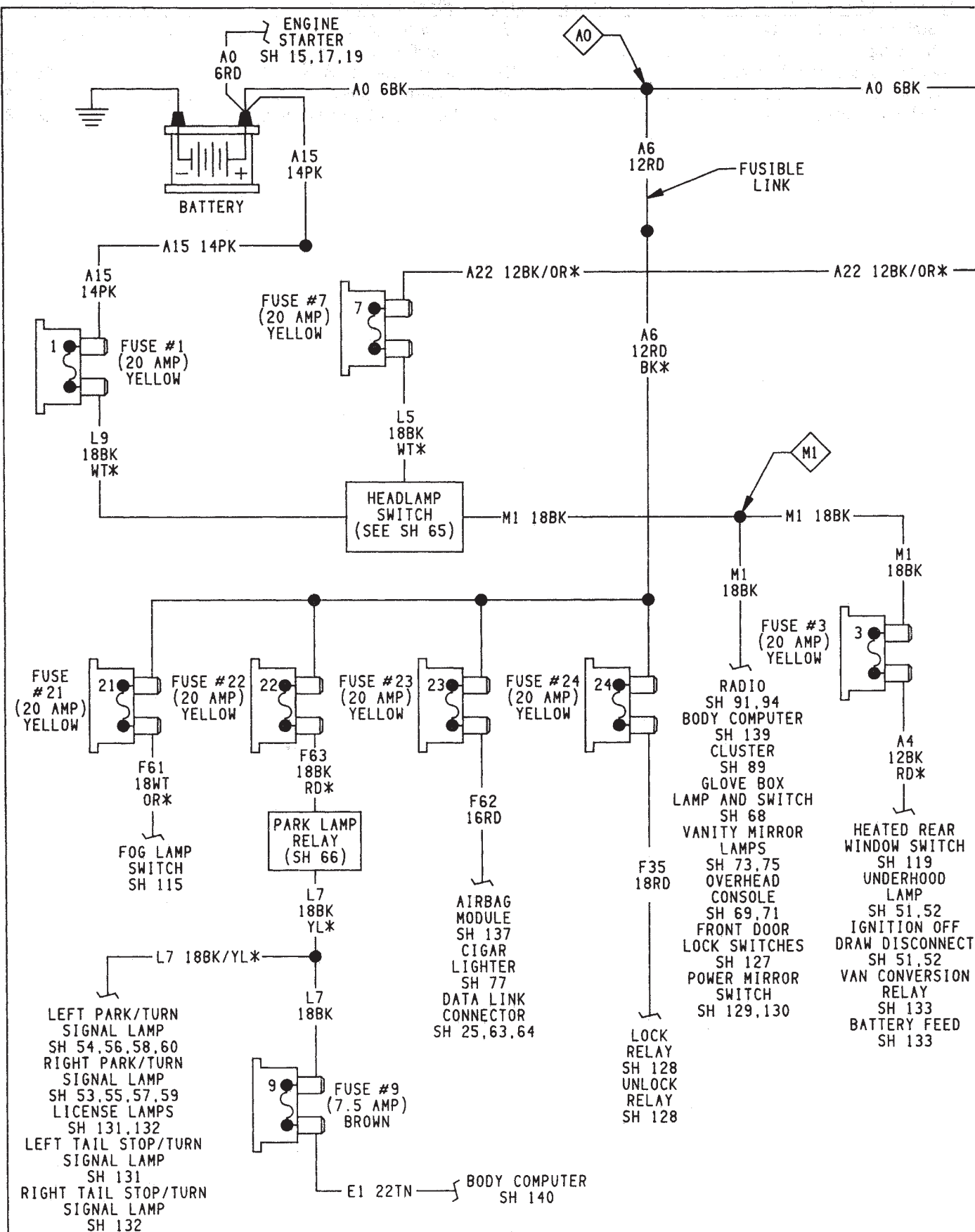
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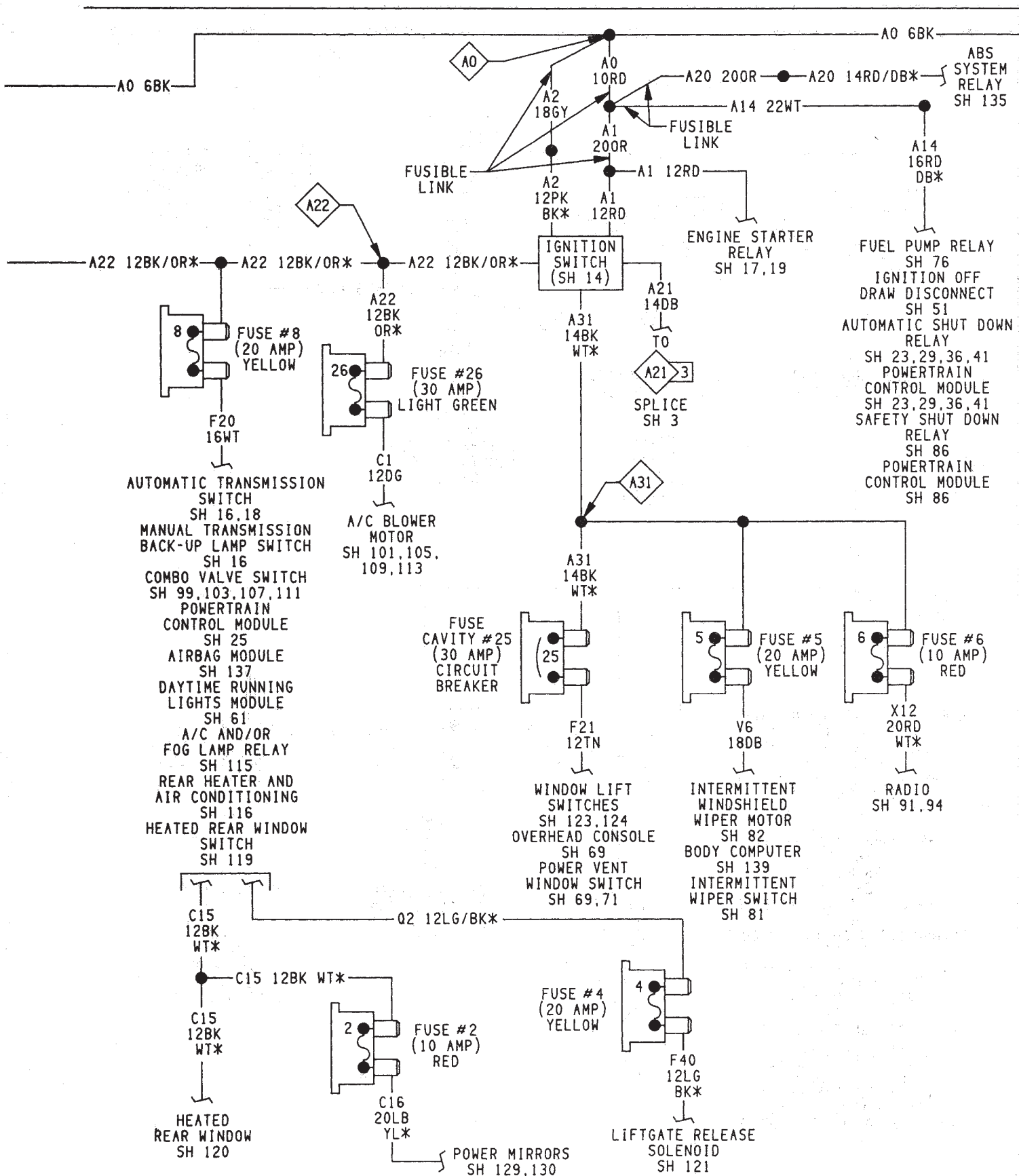


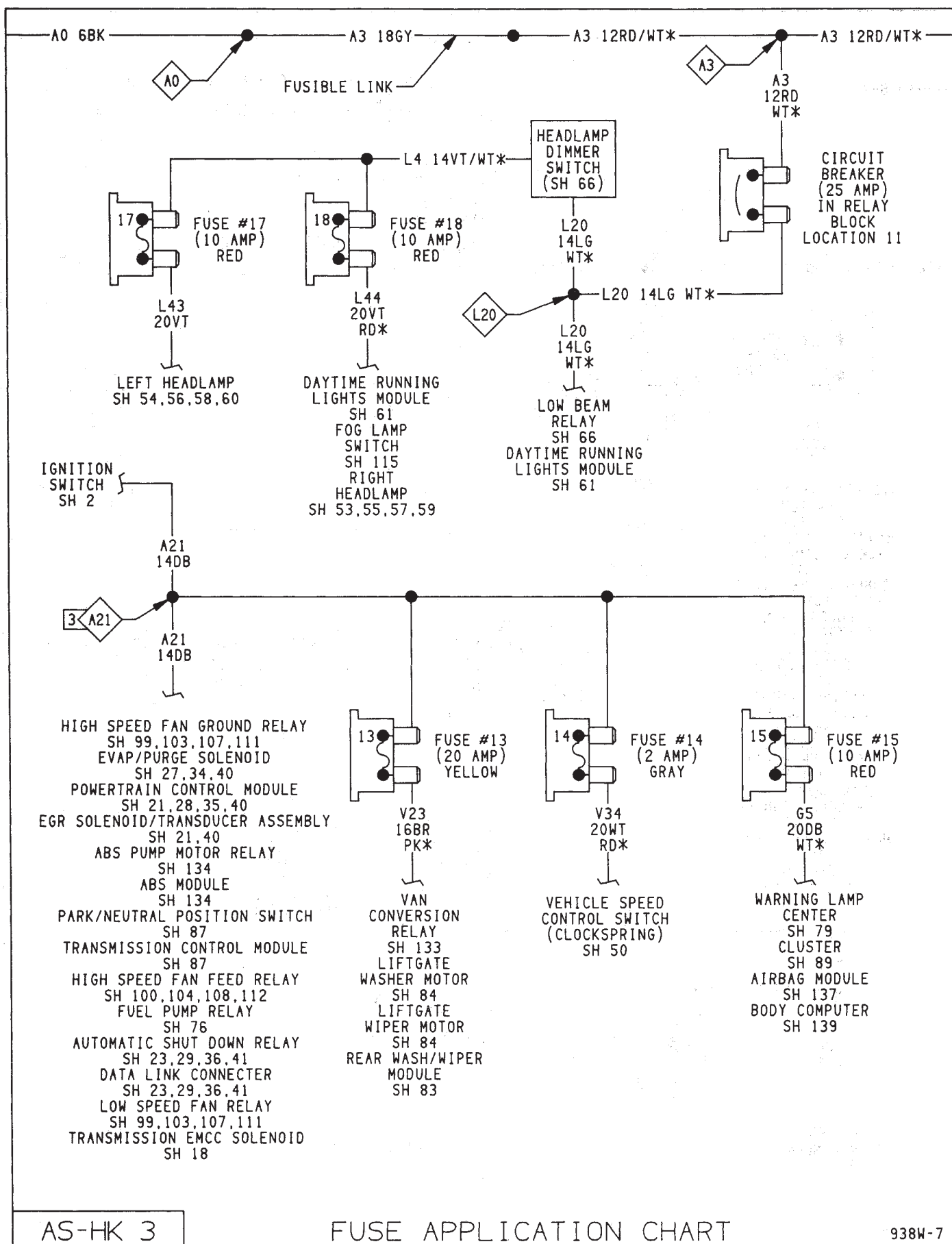
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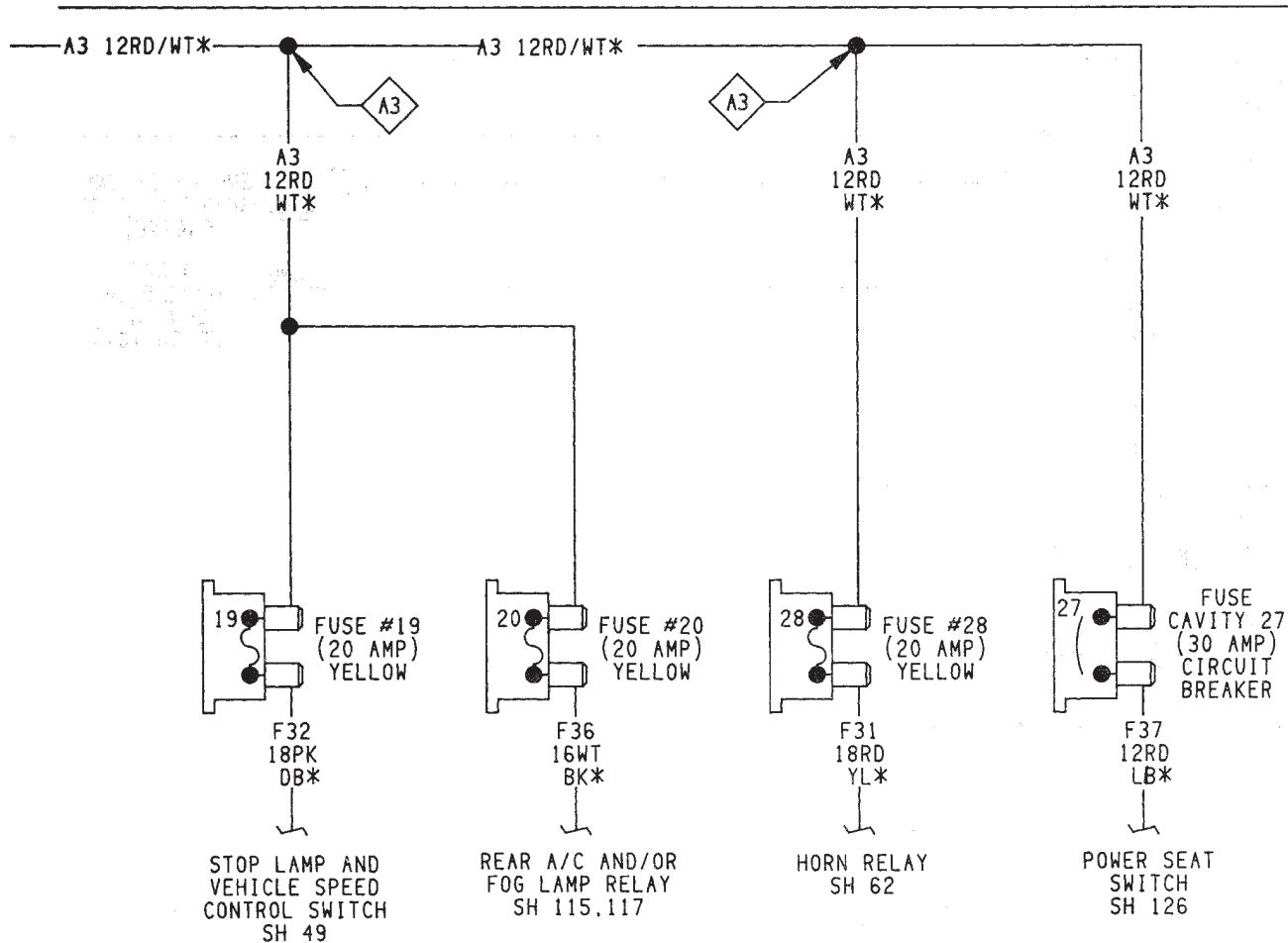
FUSE APPLICATION CHART

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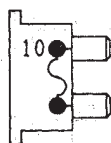




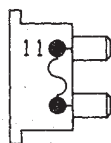




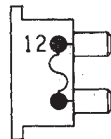
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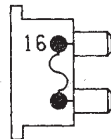
FUSE #11



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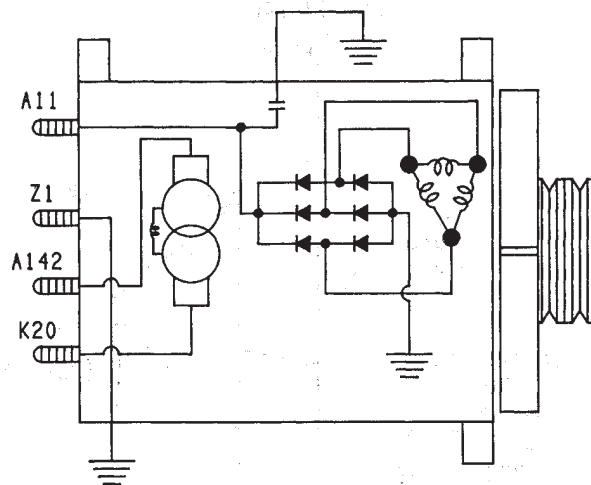
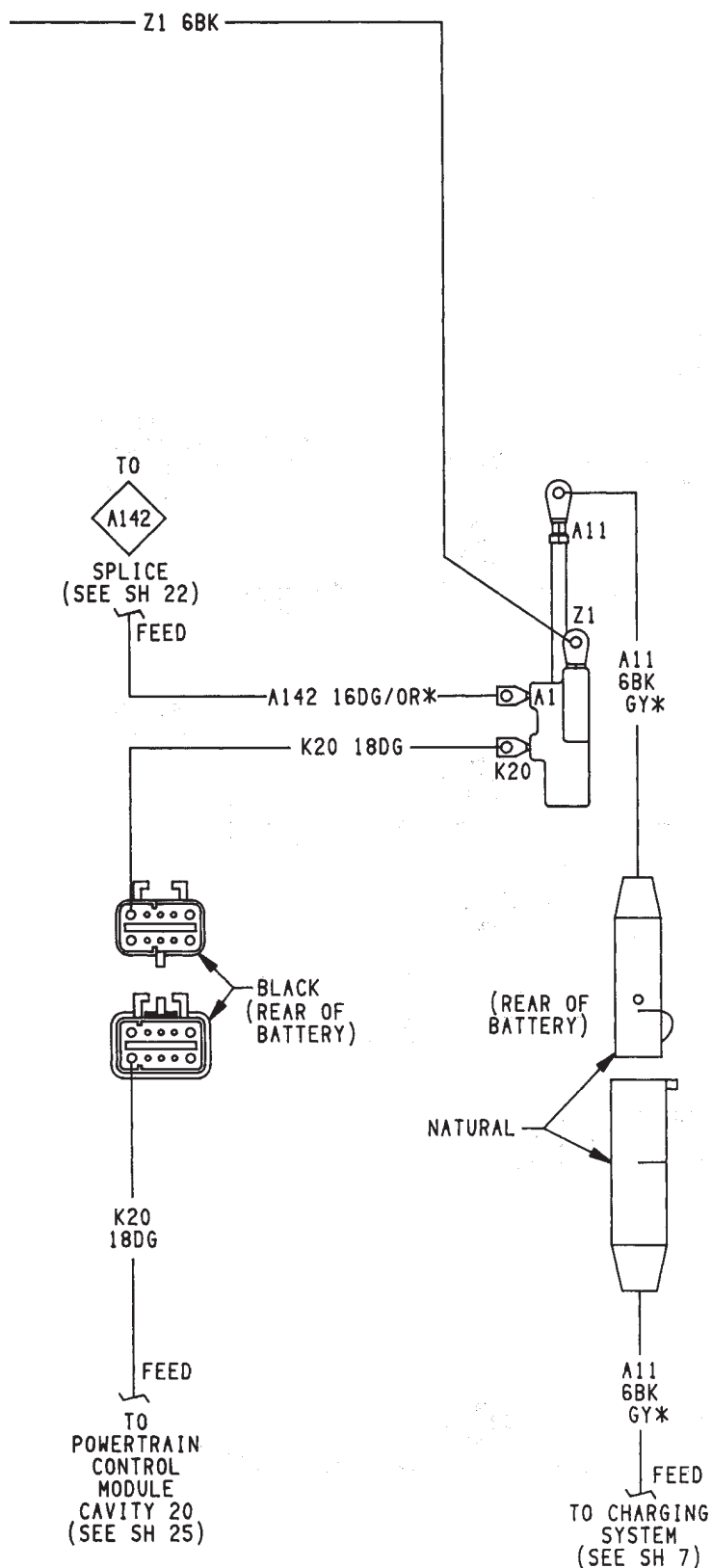


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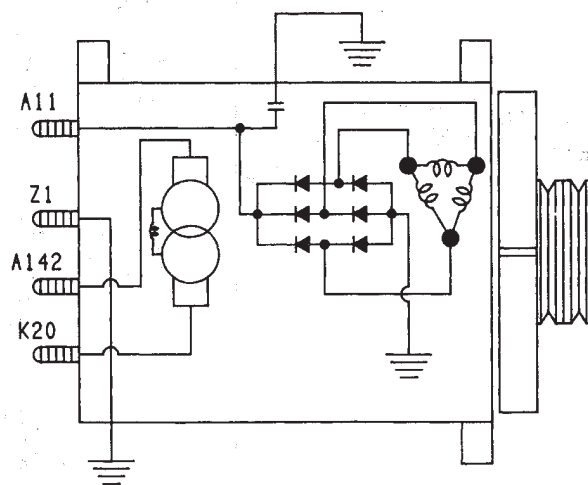


FUSES NOT USED



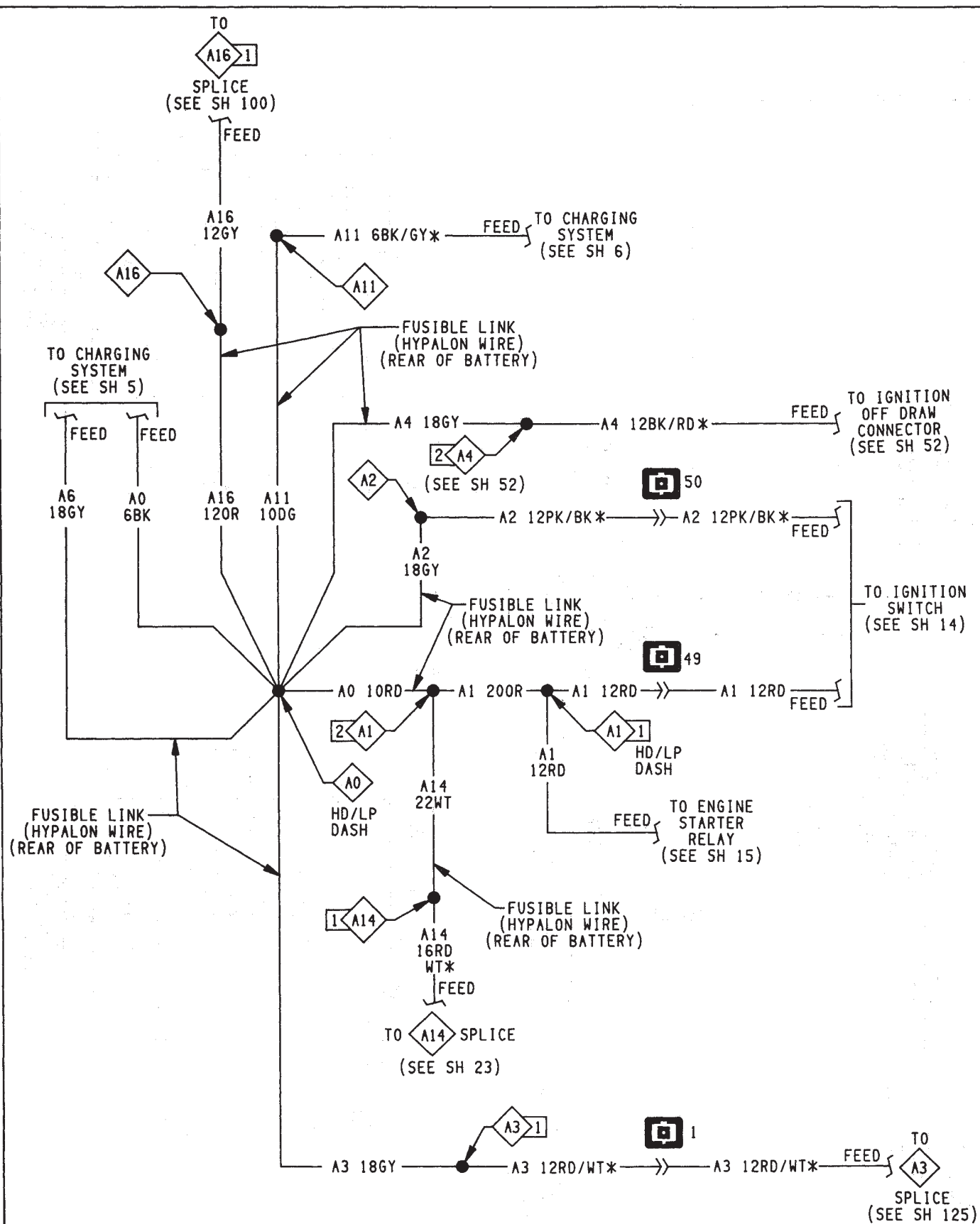


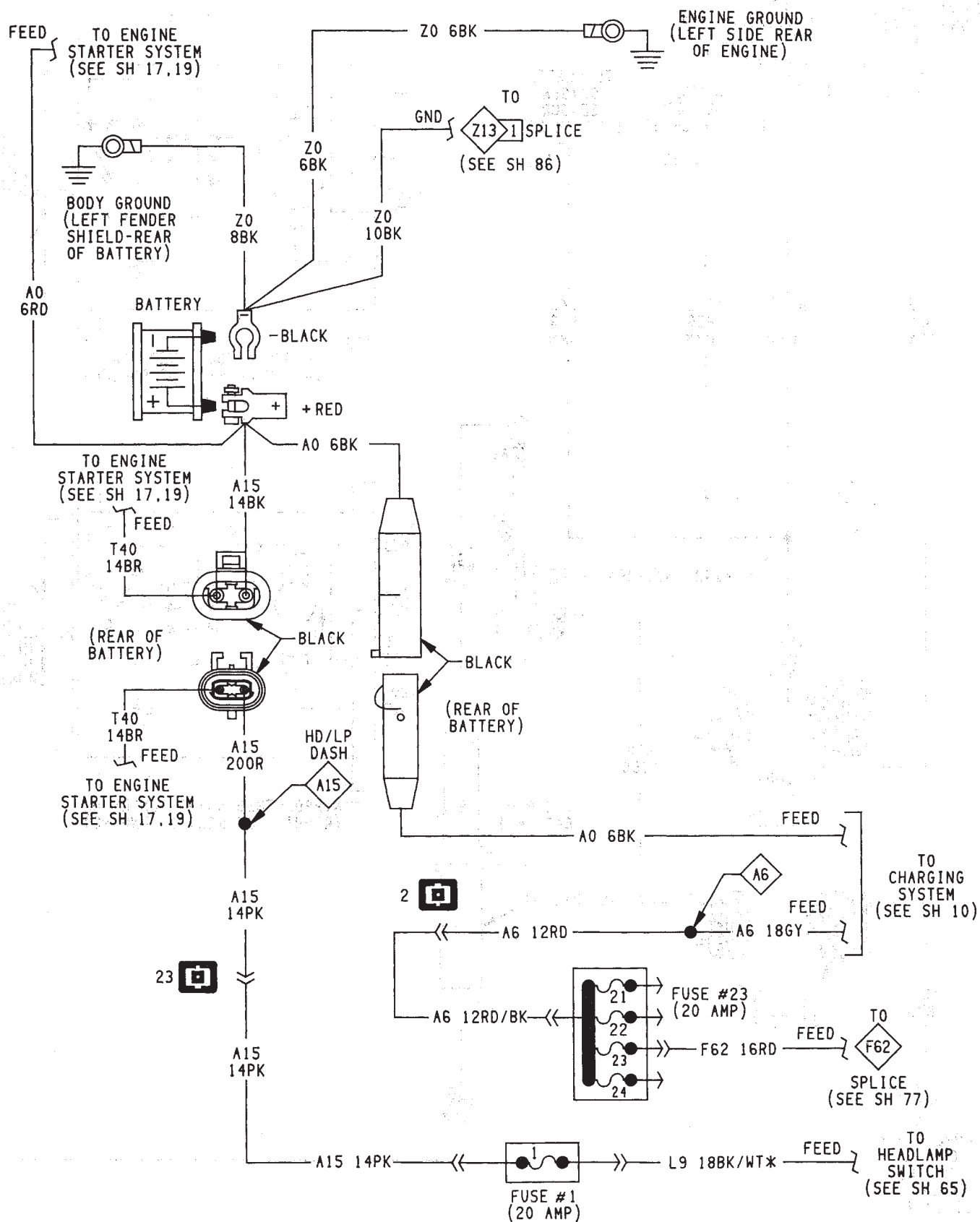
BOSCH 40/90 GENERATOR  
(RIGHT SIDE FORWARD OF ENGINE)



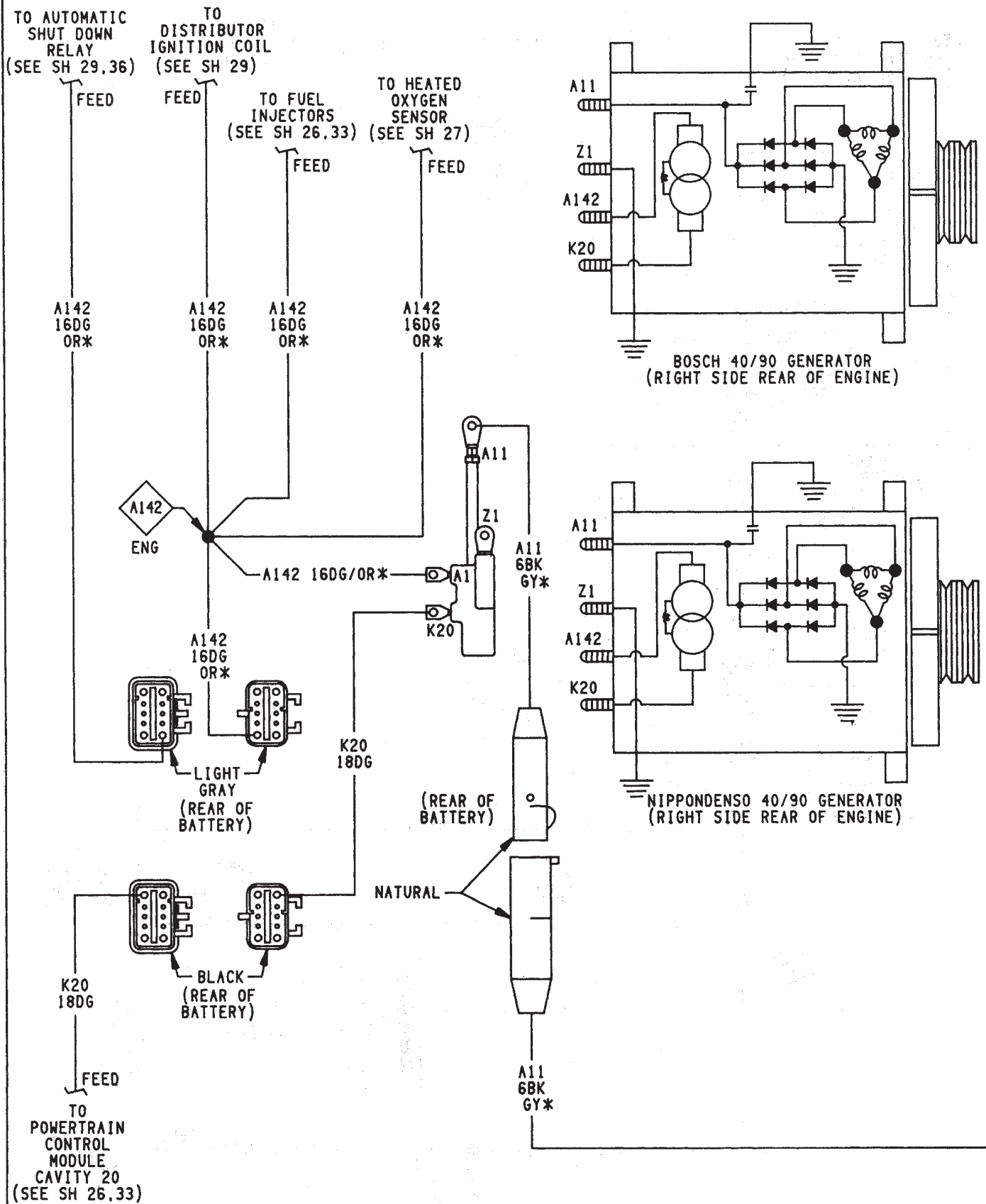
NIPPONDENSO 40/90 GENERATOR  
(RIGHT SIDE FORWARD OF ENGINE)

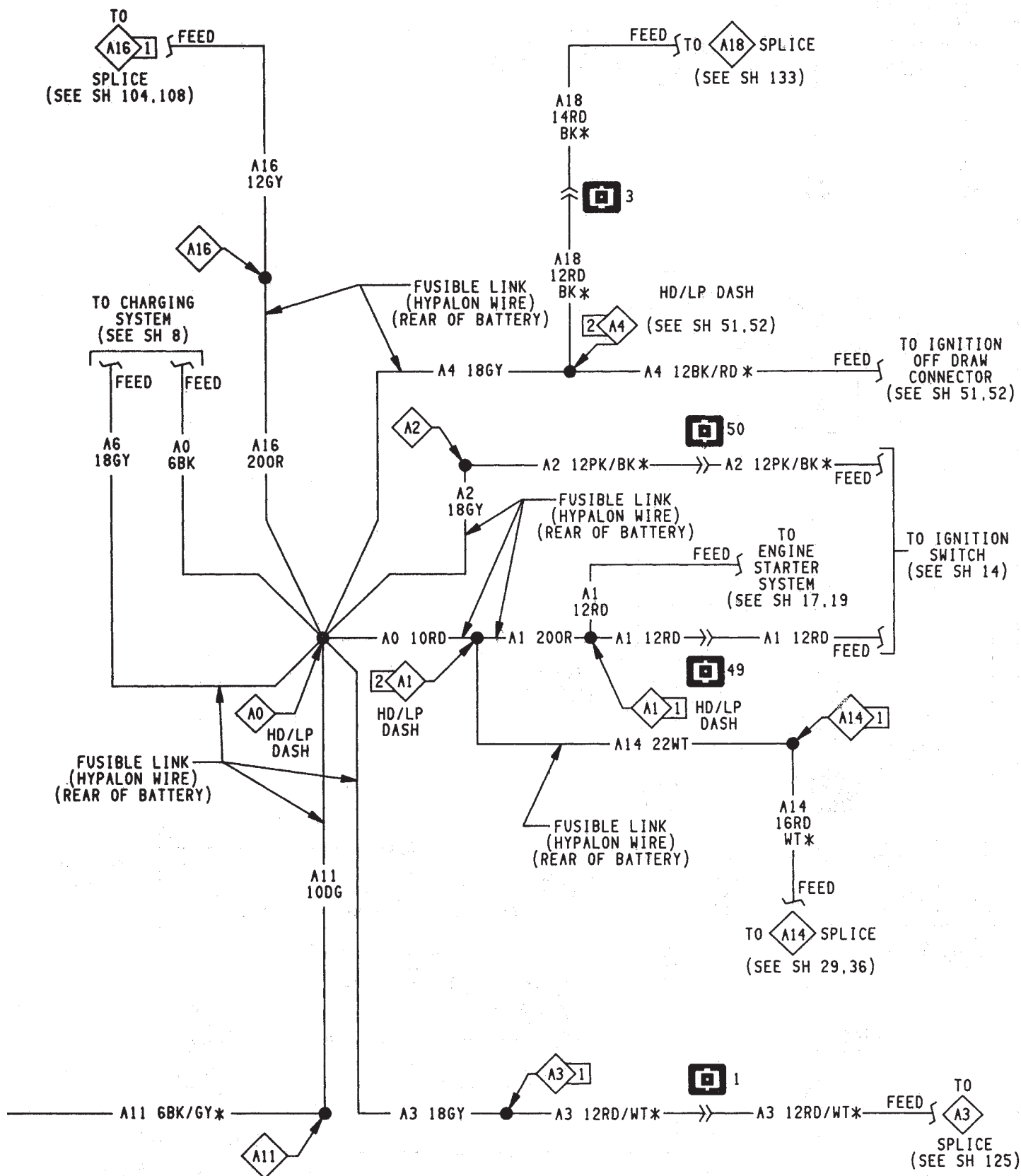


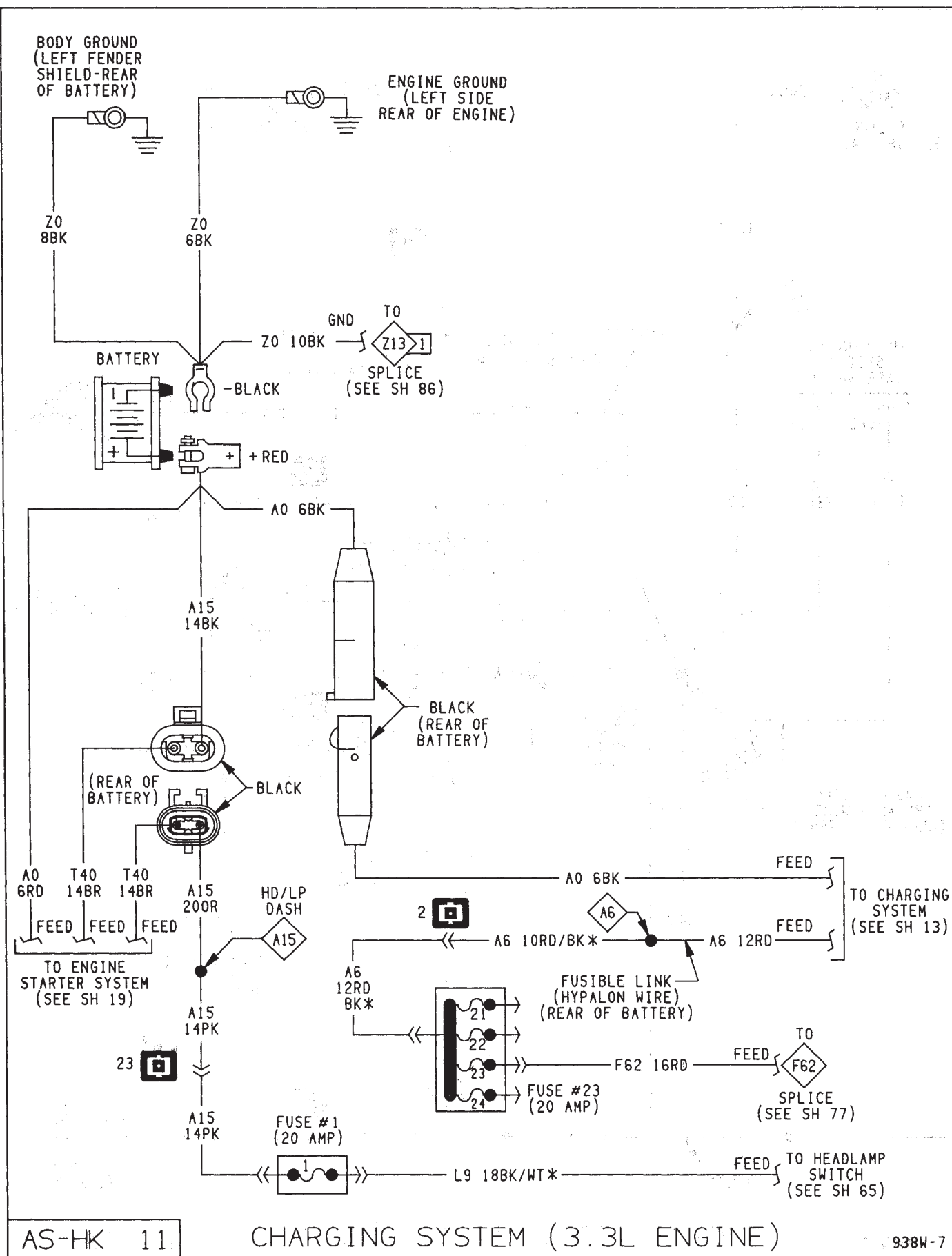




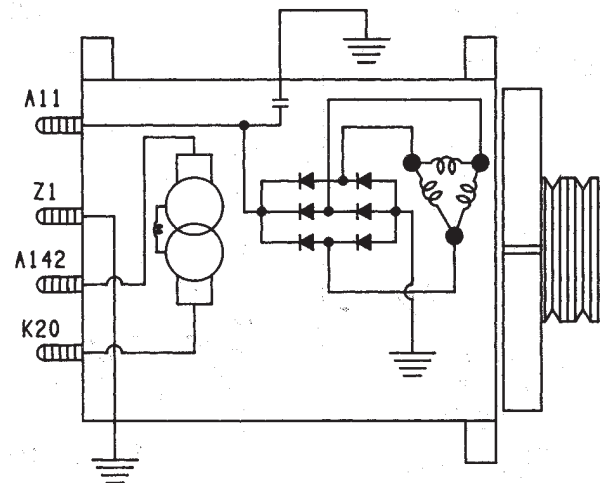
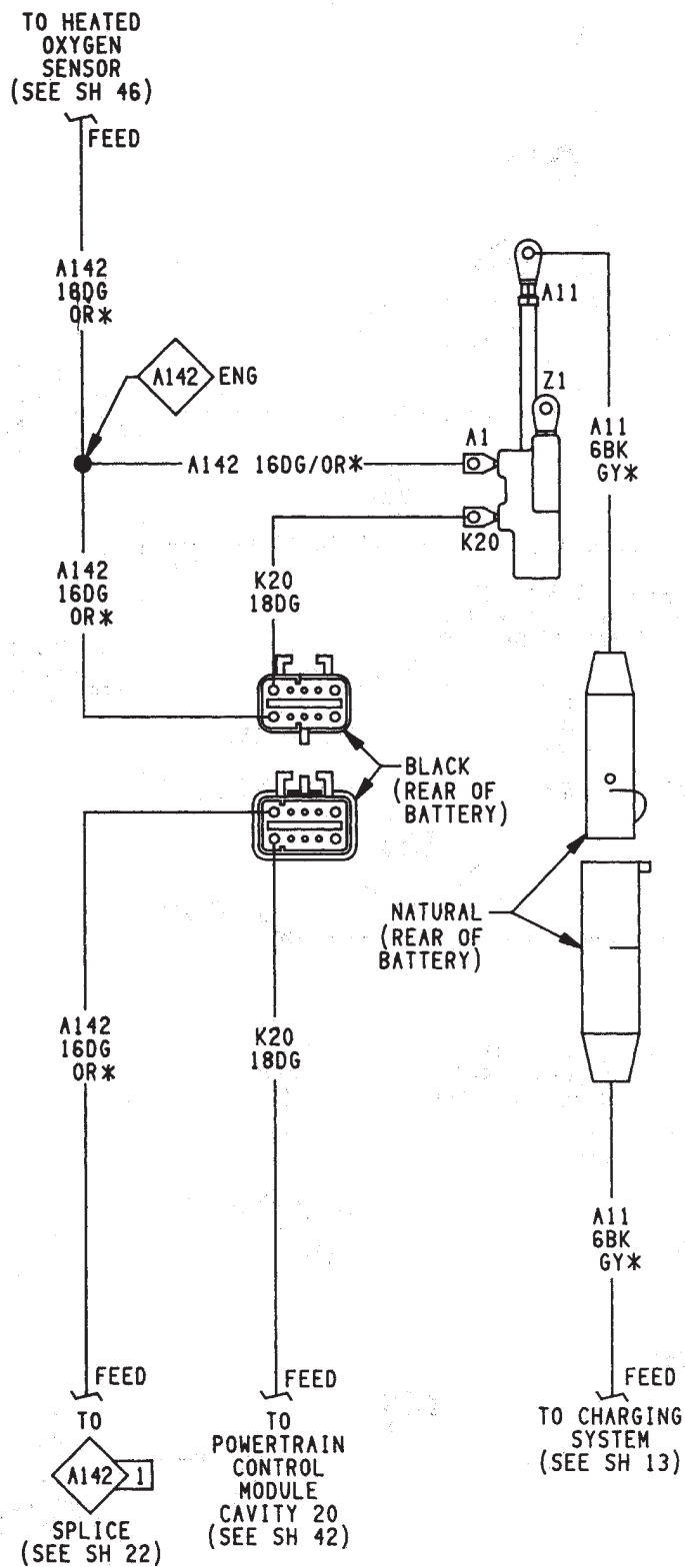
CHARGING SYSTEM (3.0L ENGINE)



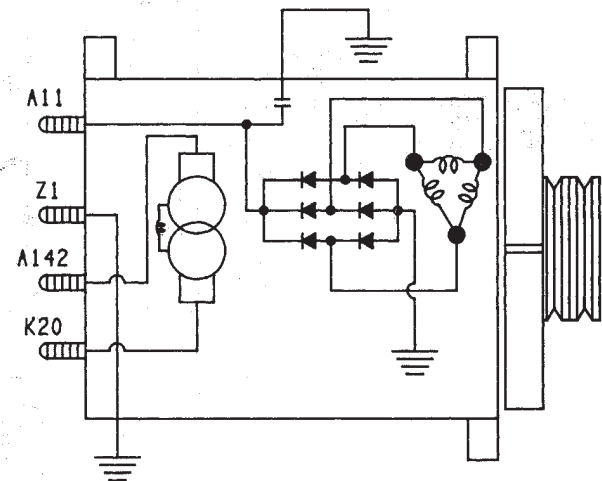








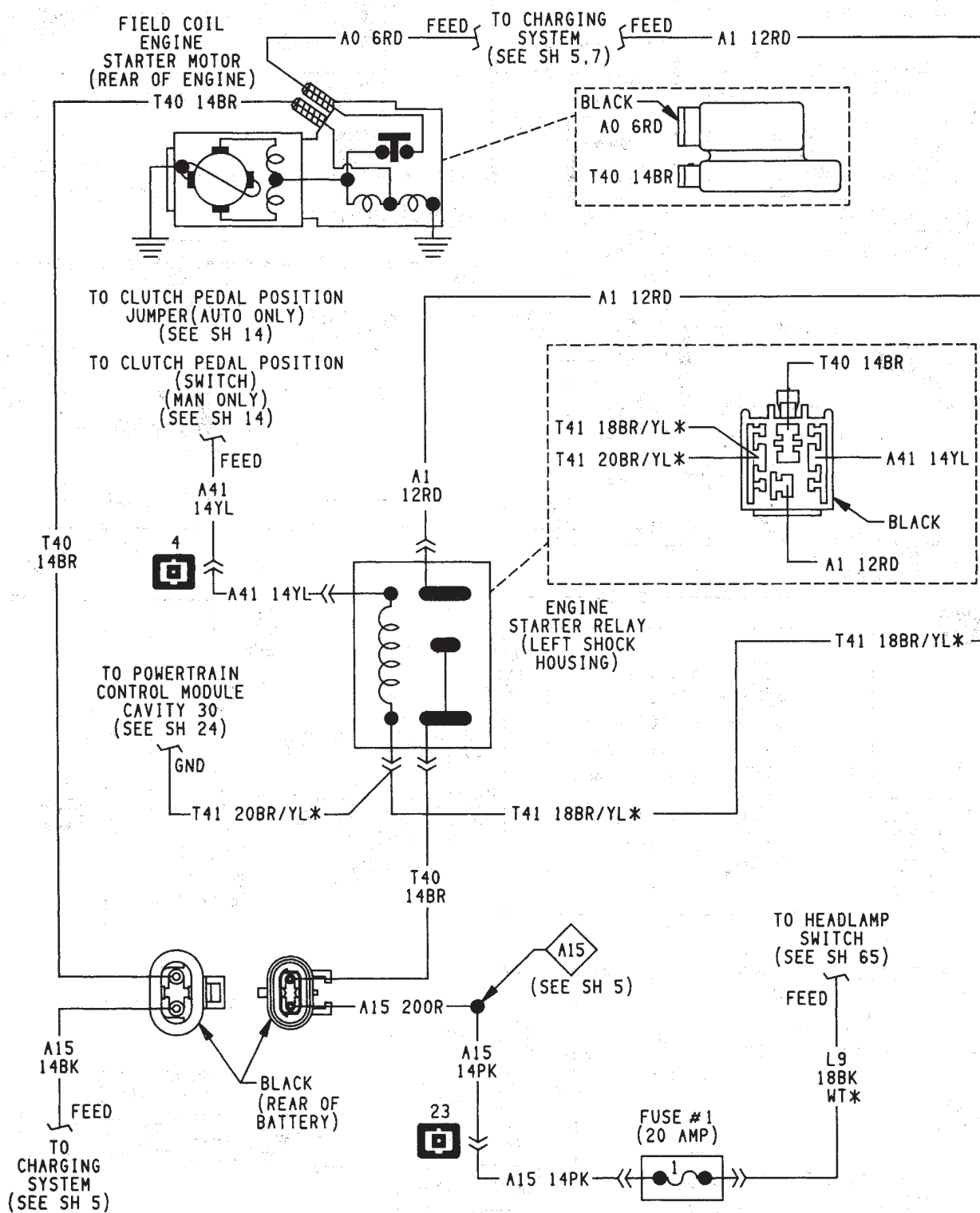
BOSCH 40/90 GENERATOR  
(RIGHT SIDE FORWARD OF ENGINE)



NIPPONDENSO 40/90 GENERATOR  
(RIGHT SIDE FORWARD OF ENGINE)

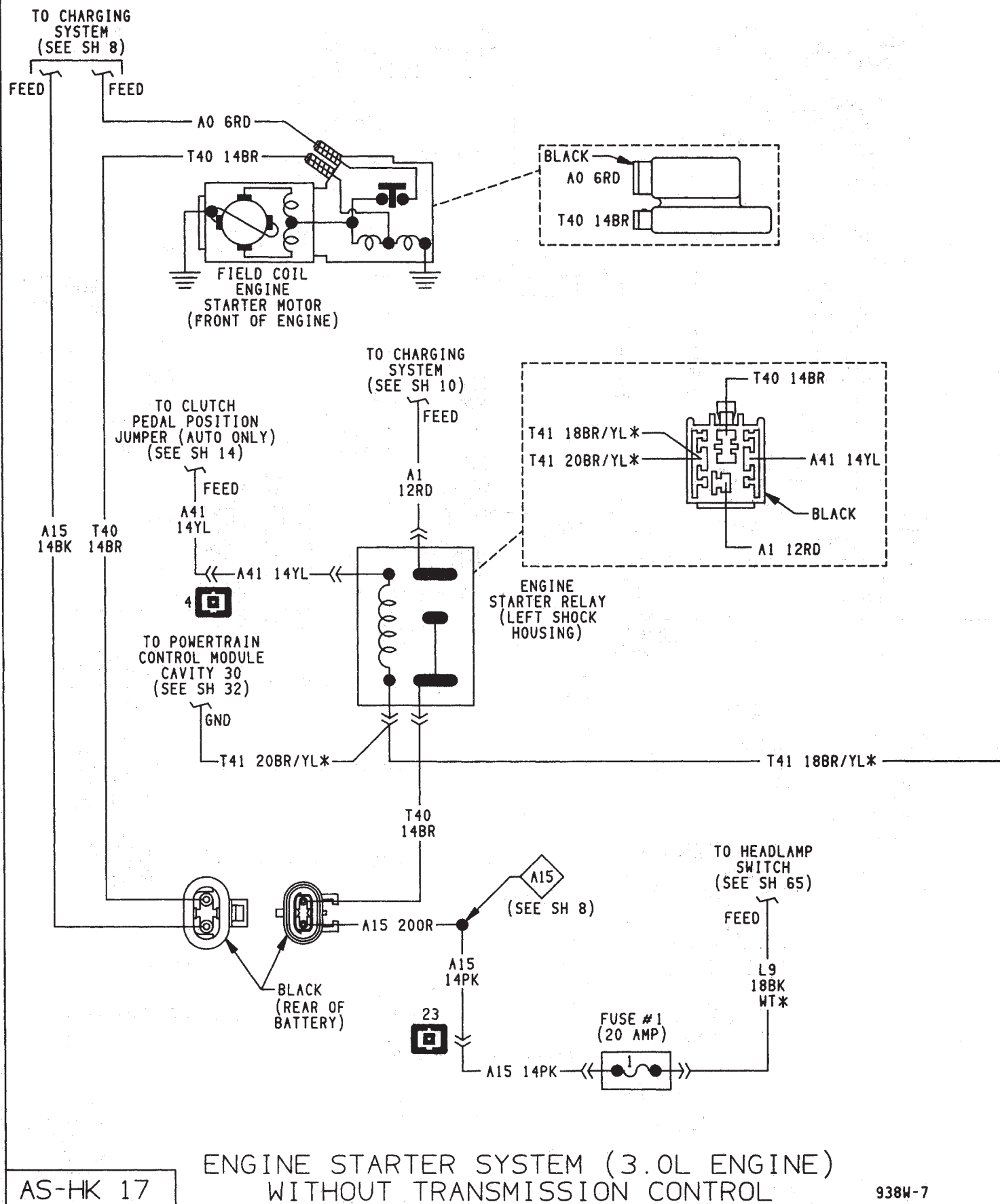


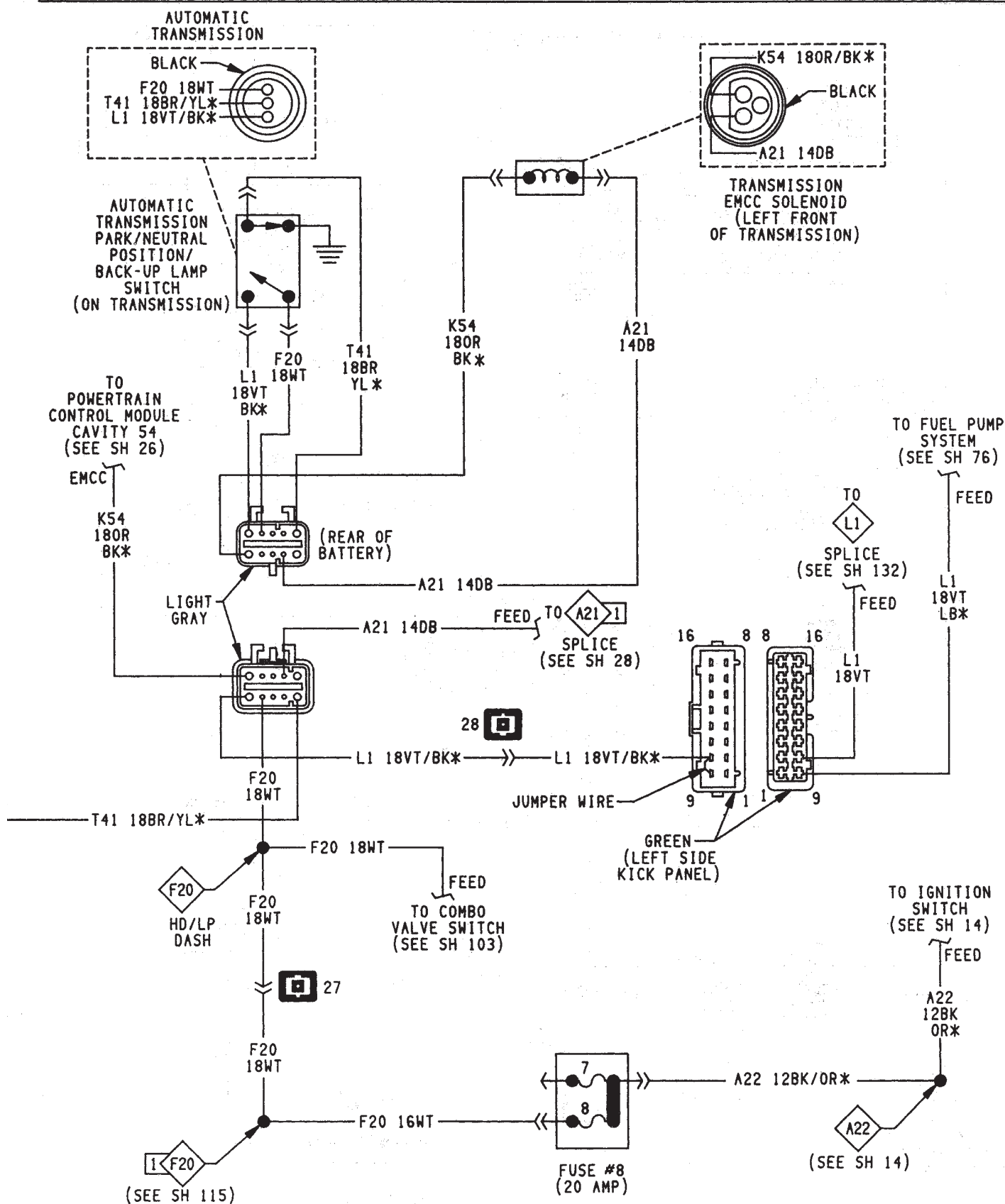




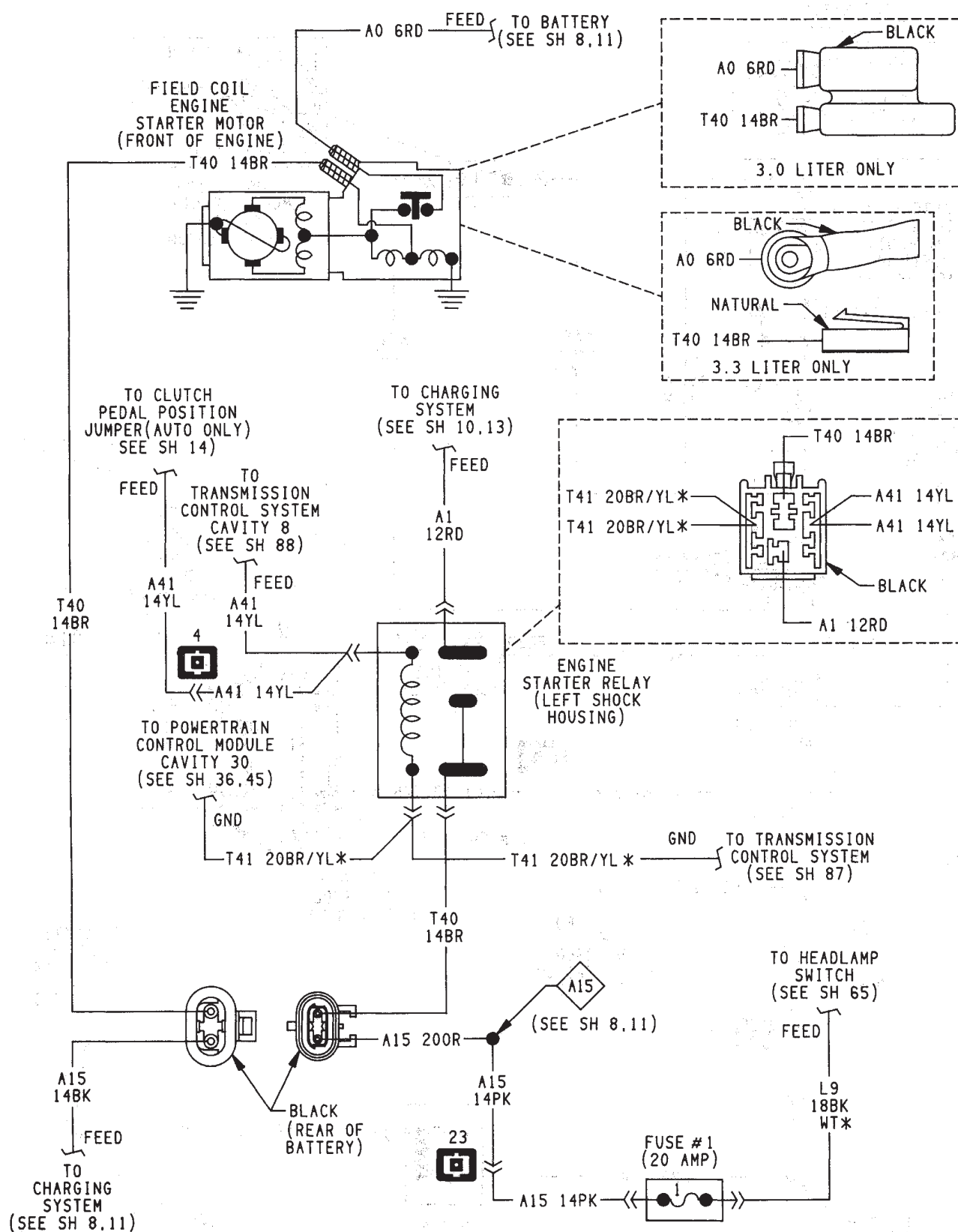


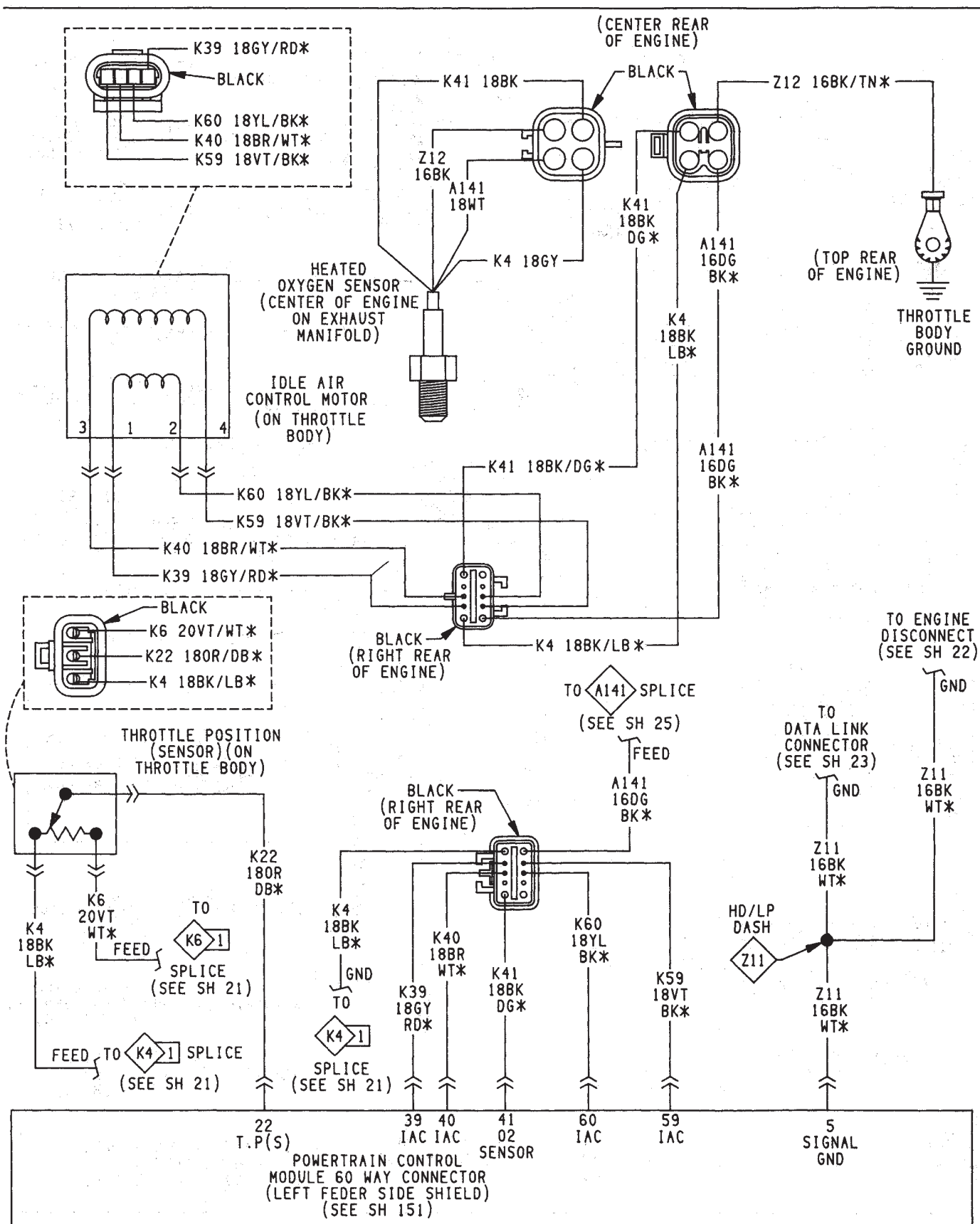






## ENGINE STARTER SYSTEM (3.0L ENGINE) WITHOUT TRANSMISSION CONTROL

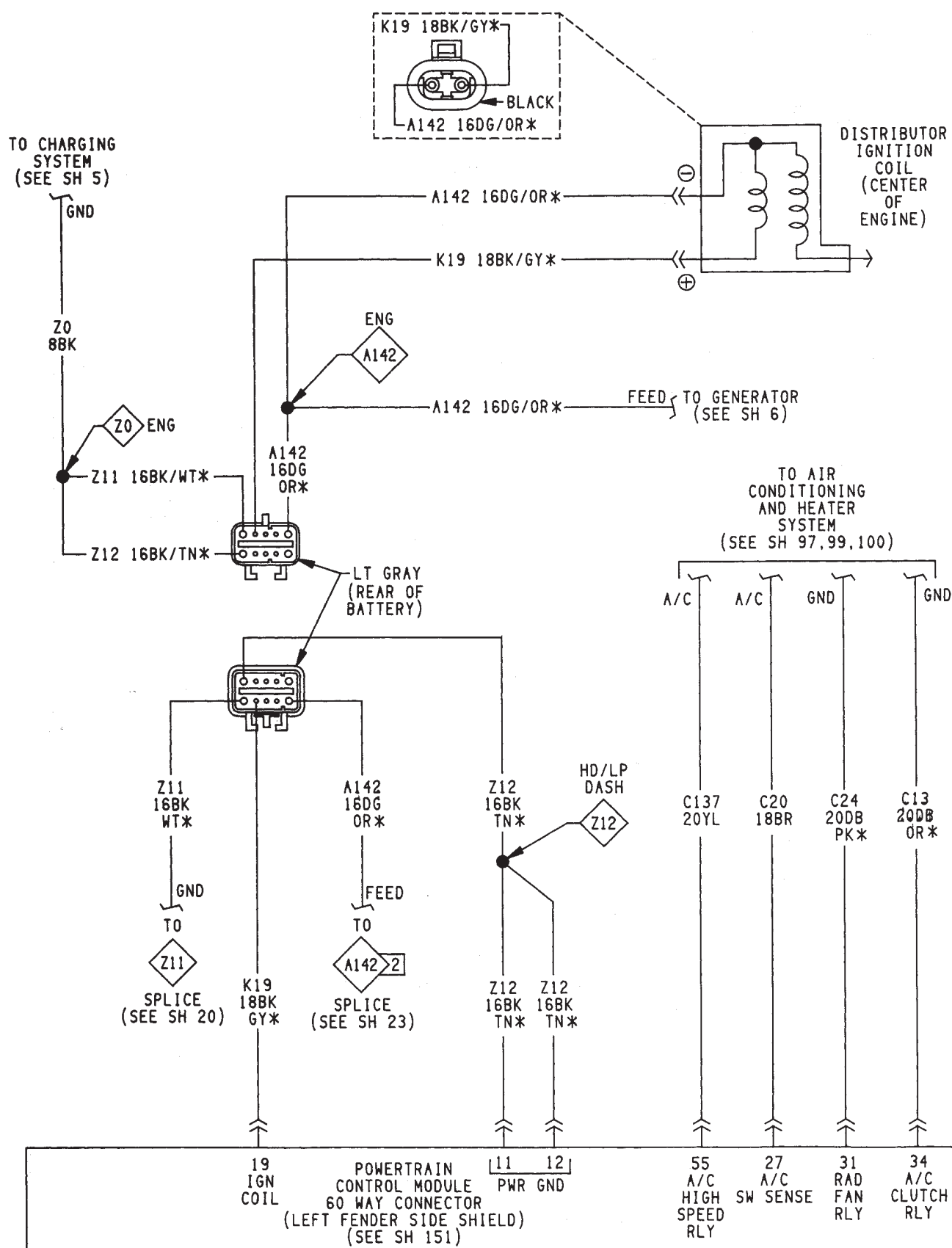




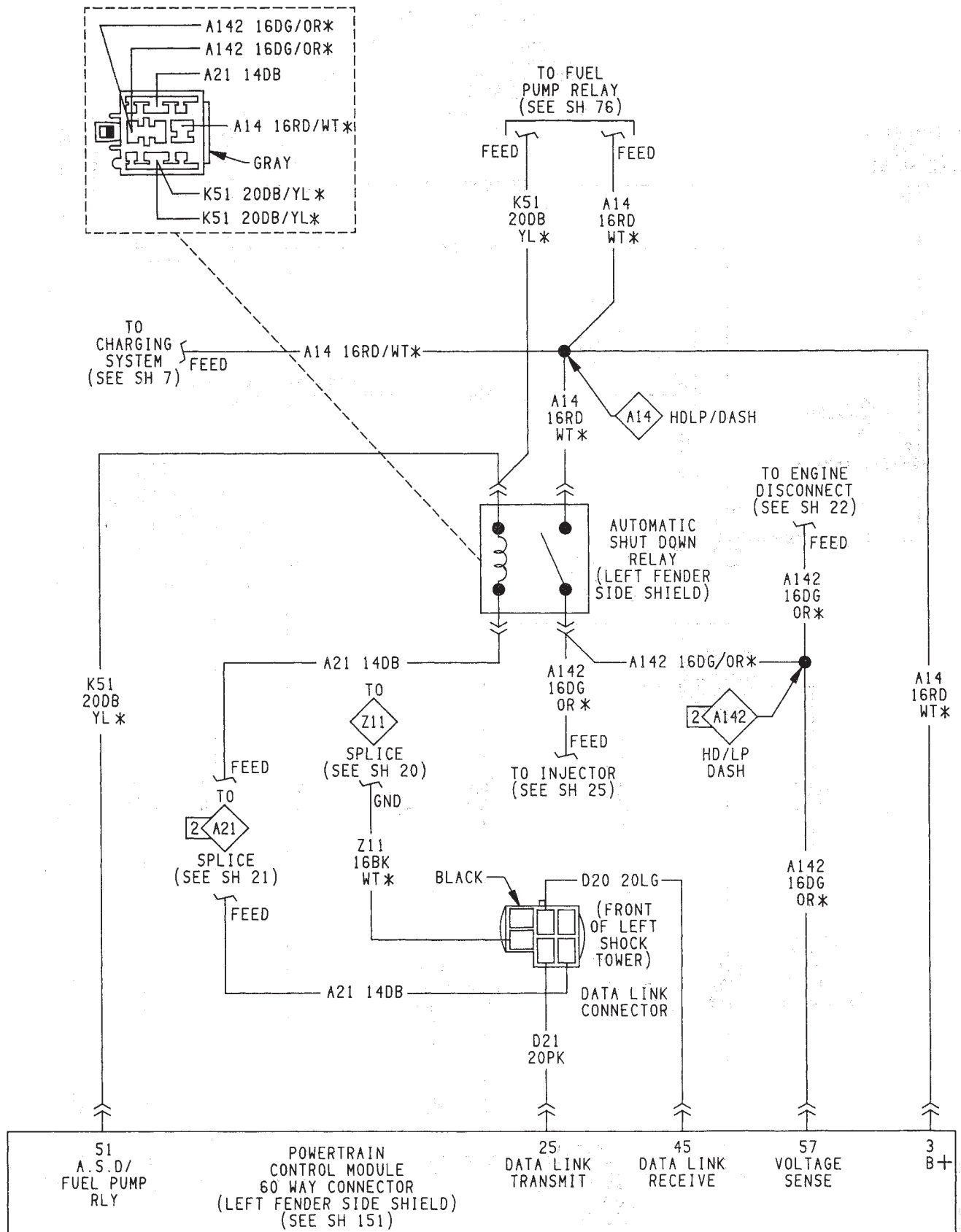
# FUEL INJECTION IGNITION SYSTEM (2.5L ENGINE)

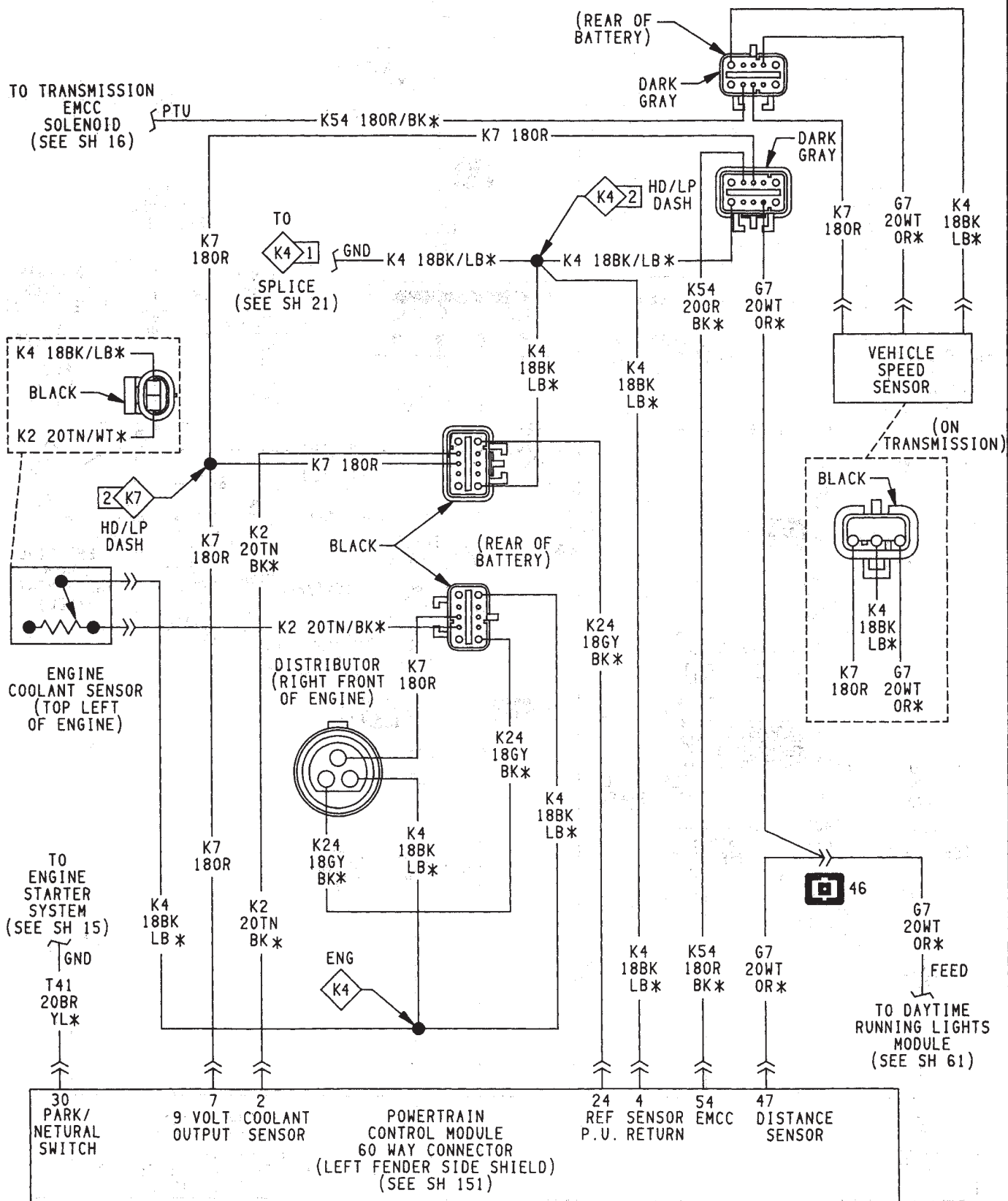




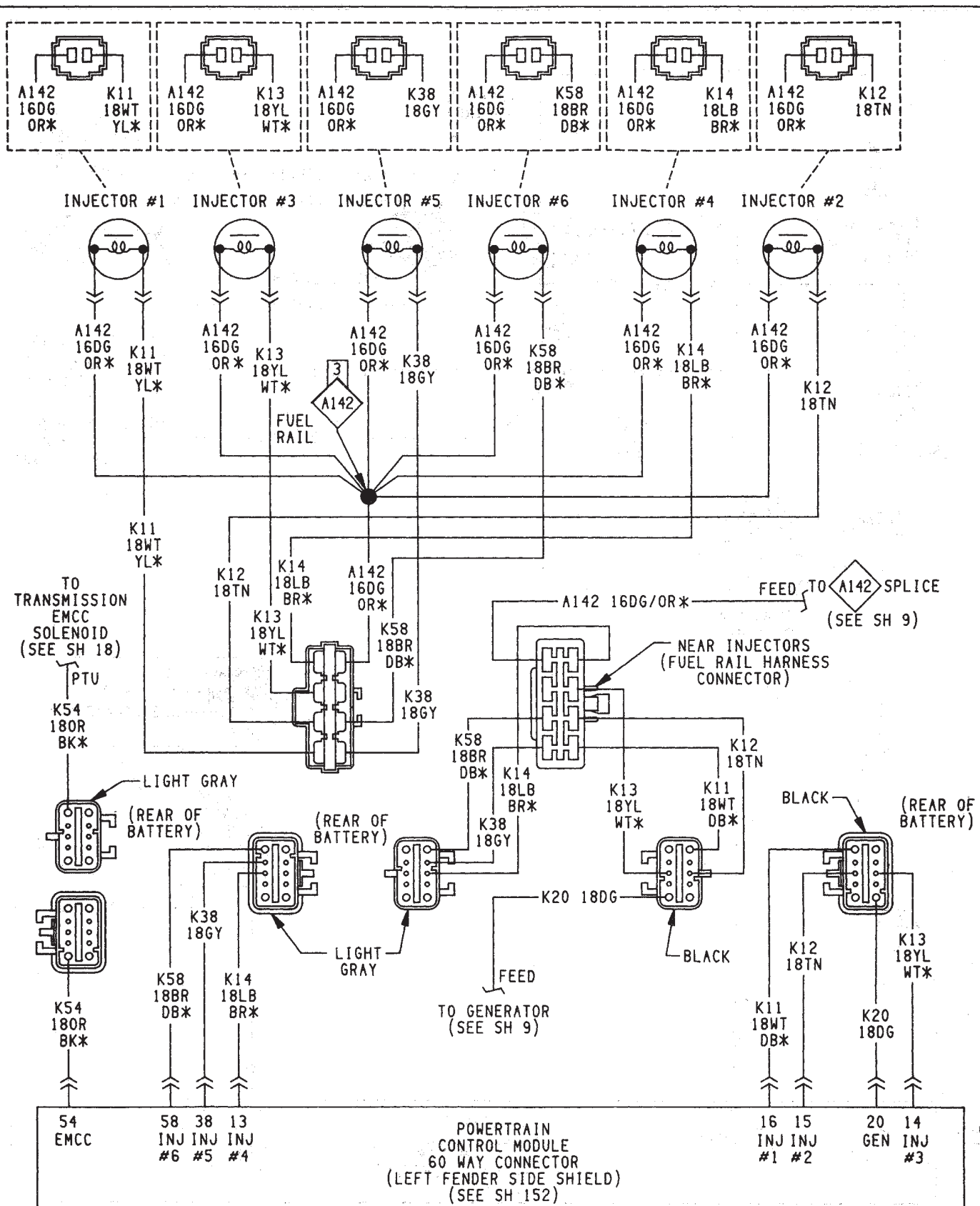


# FUEL INJECTION IGNITION SYSTEM (2.5L ENGINE)

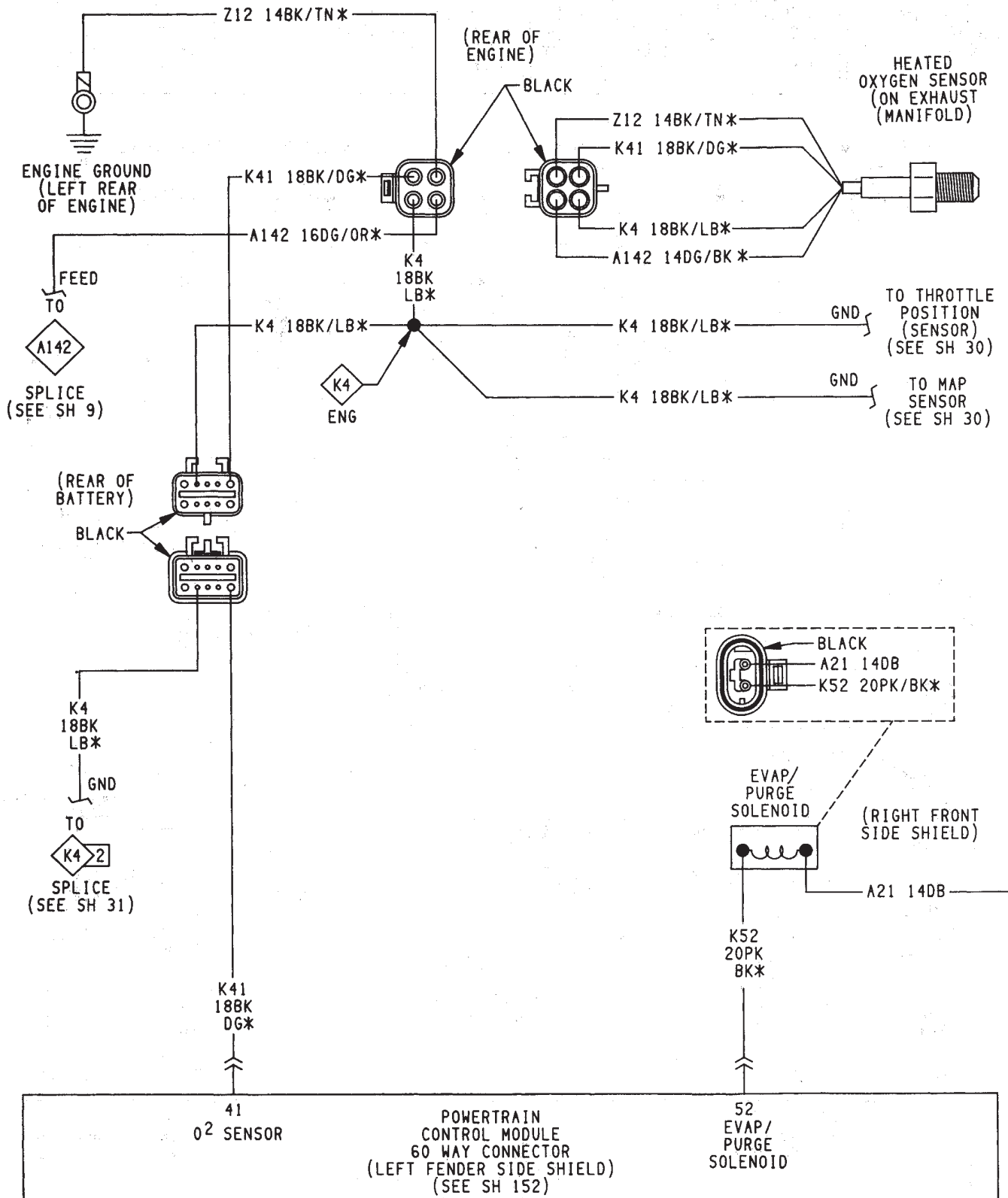






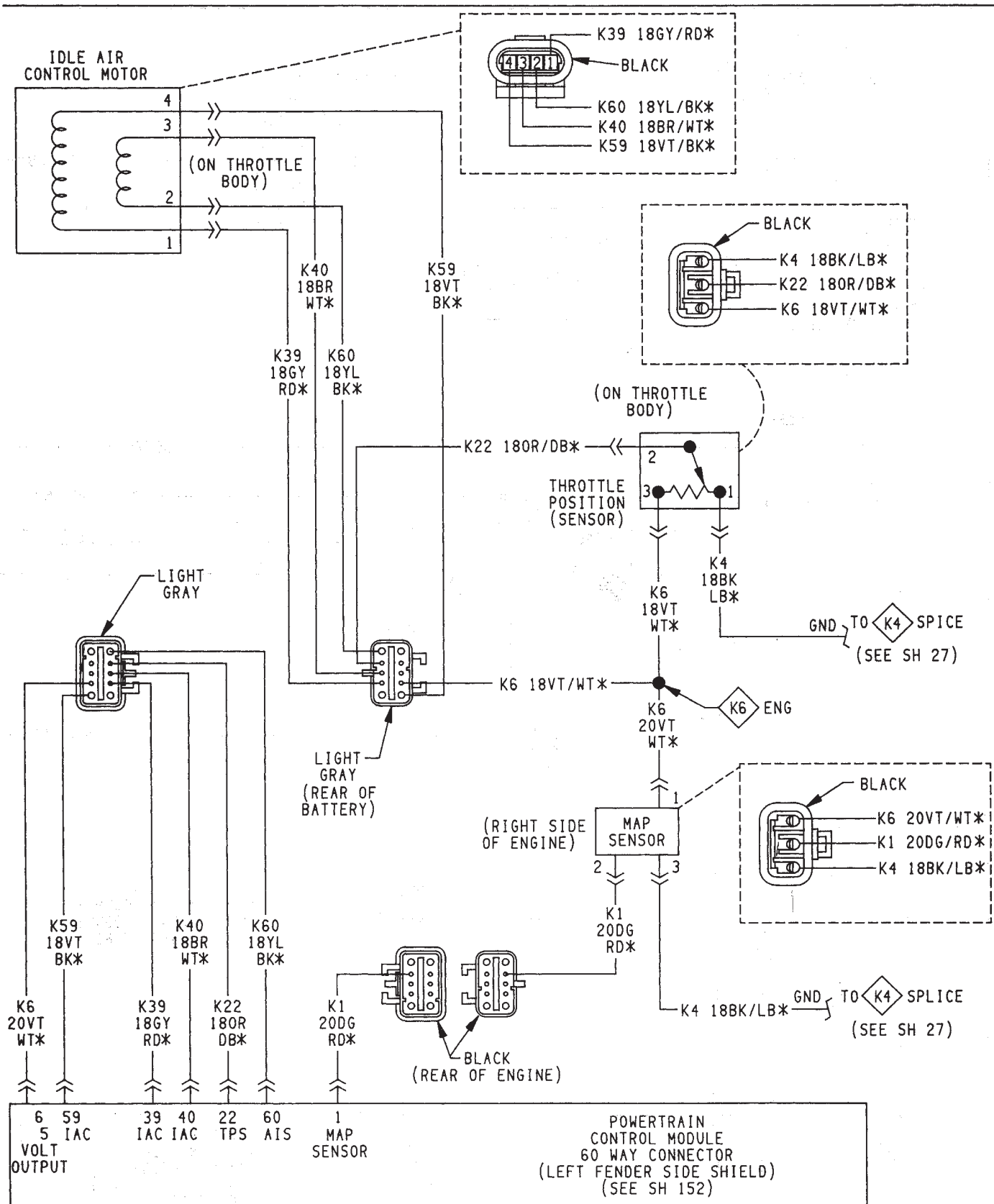


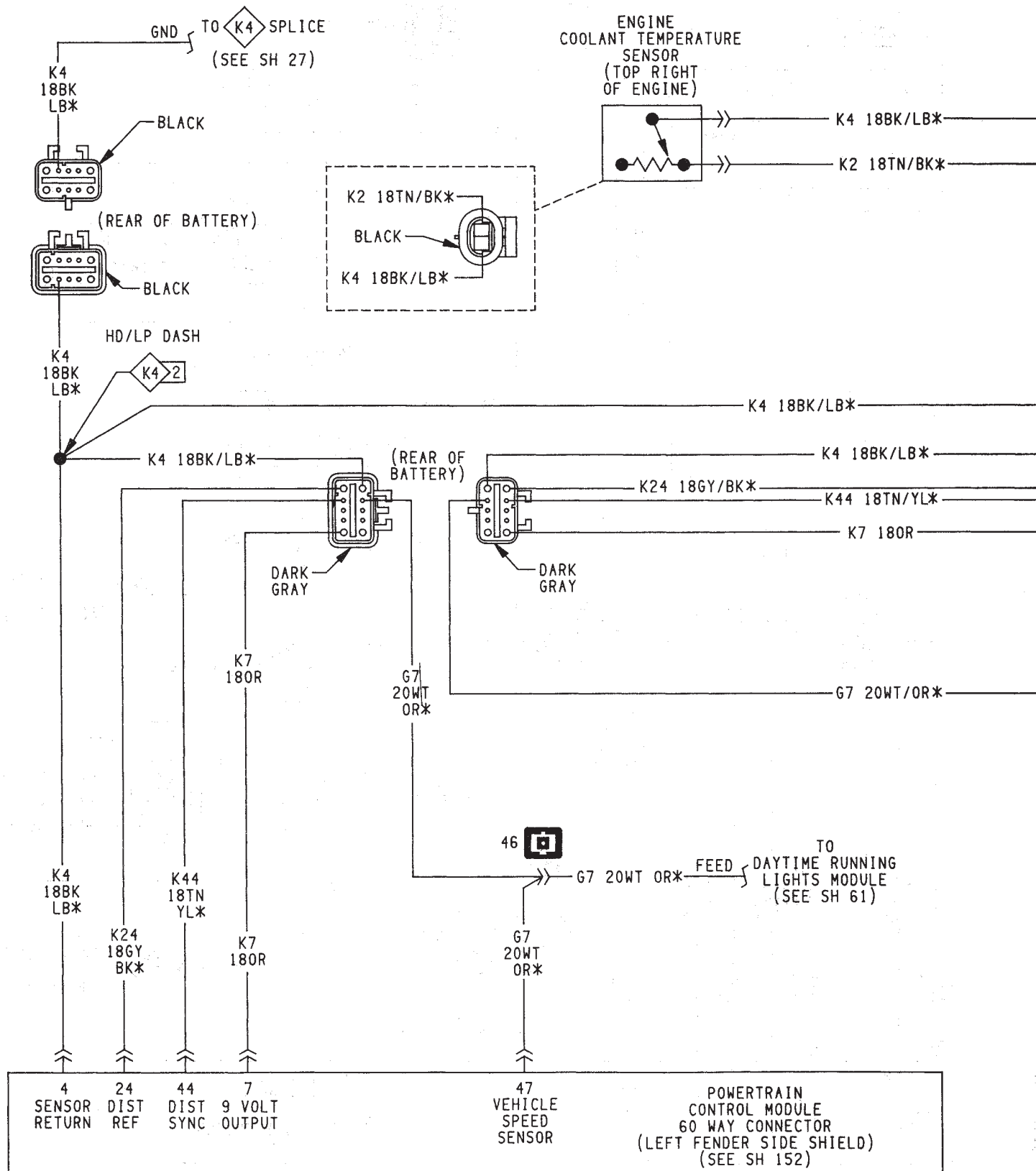












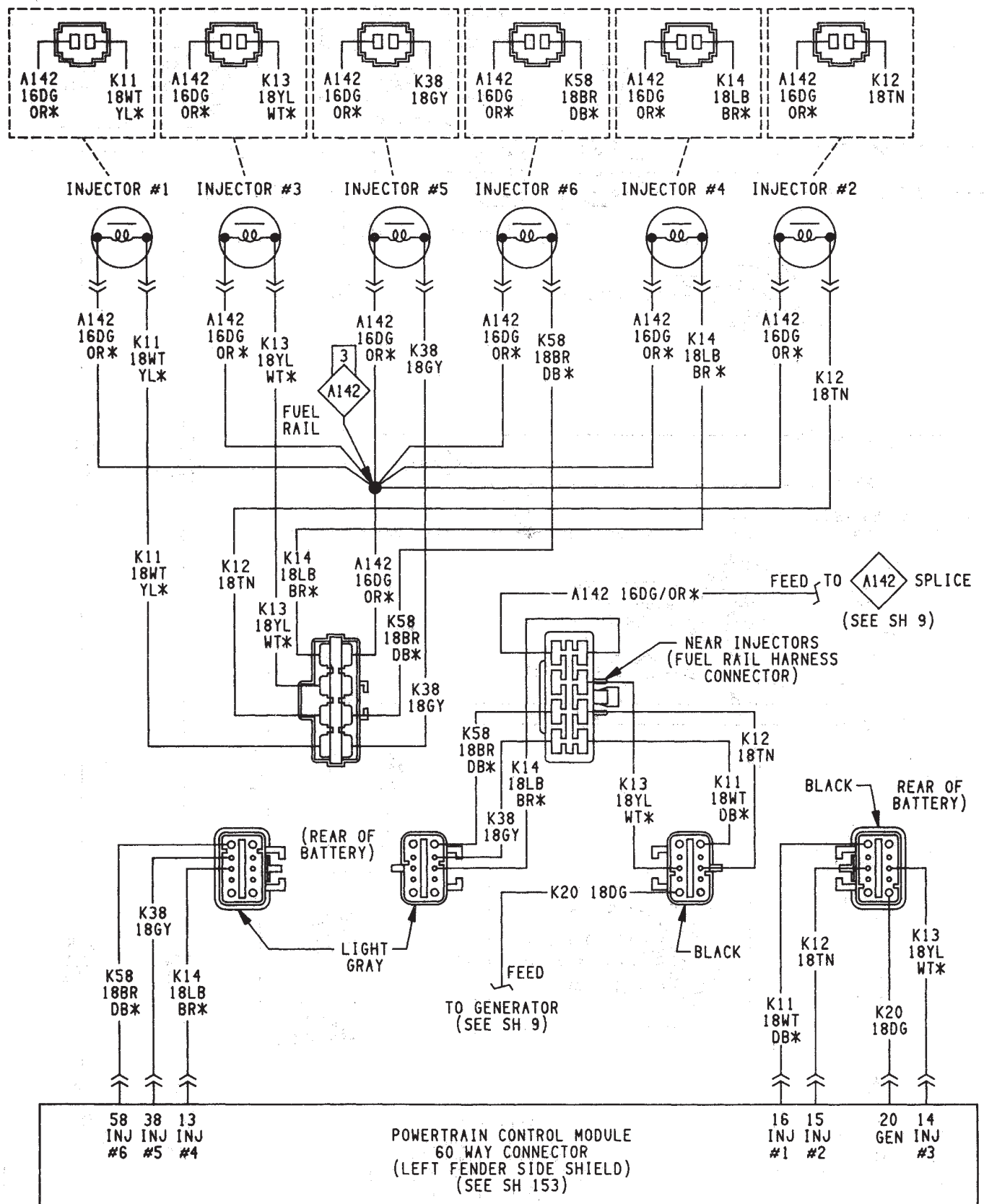
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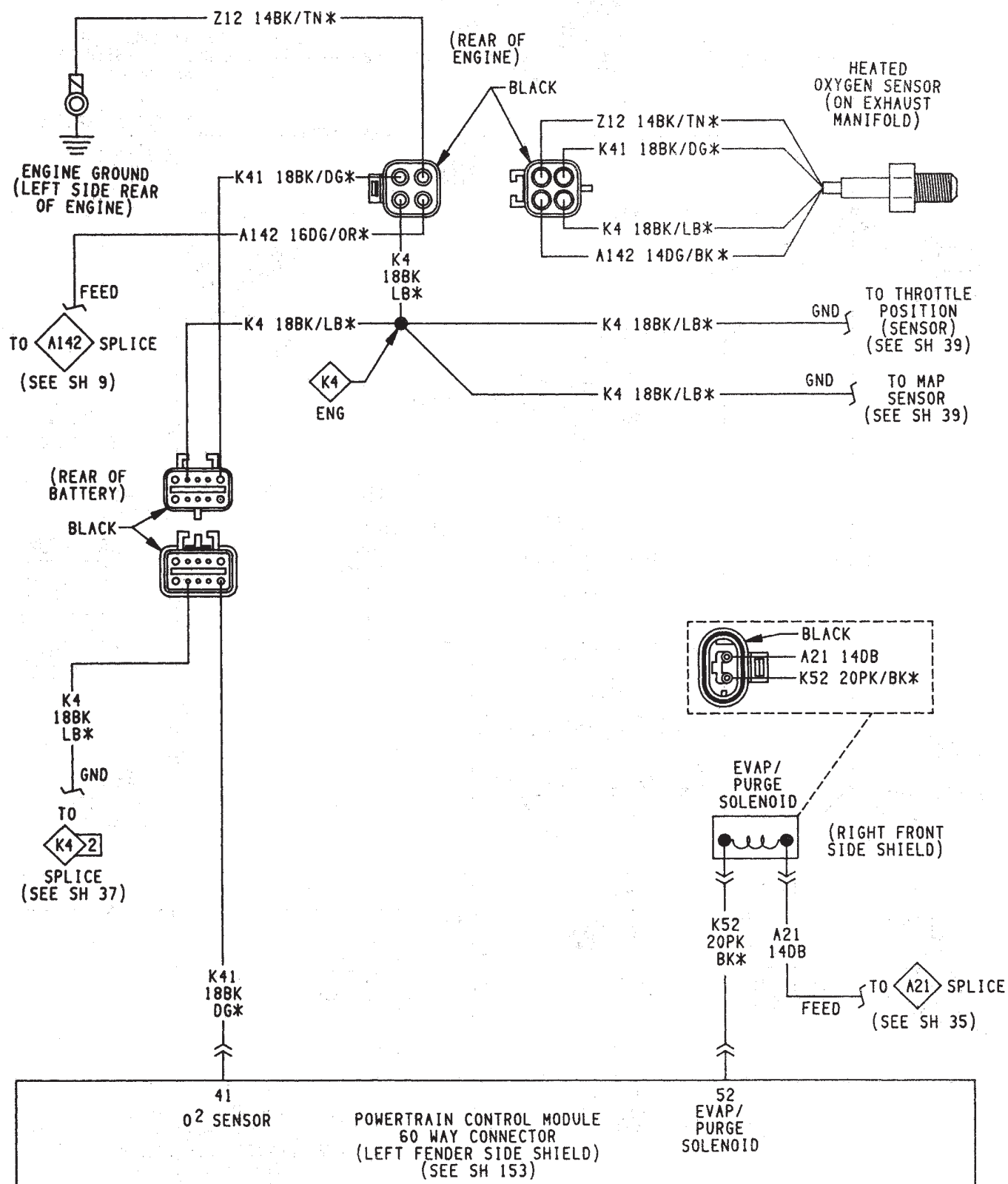
FUEL INJECTION  
IGNITION SYSTEM WITHOUT  
TRANSMISSION CONTROL (3.0 L ENGINE)

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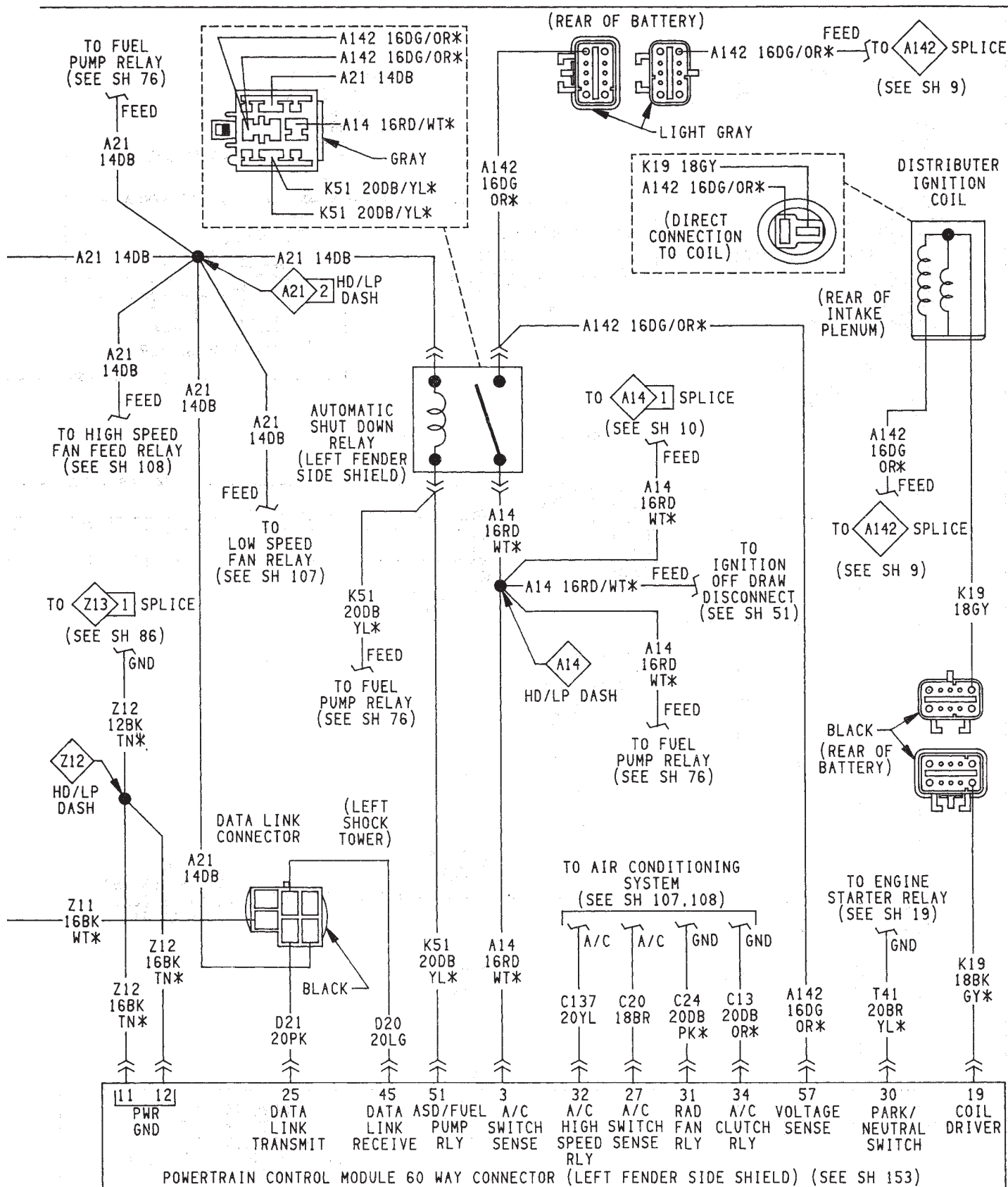






FUEL INJECTION  
IGNITION SYSTEM WITH  
TRANSMISSION CONTROL (3.0L ENGINE)



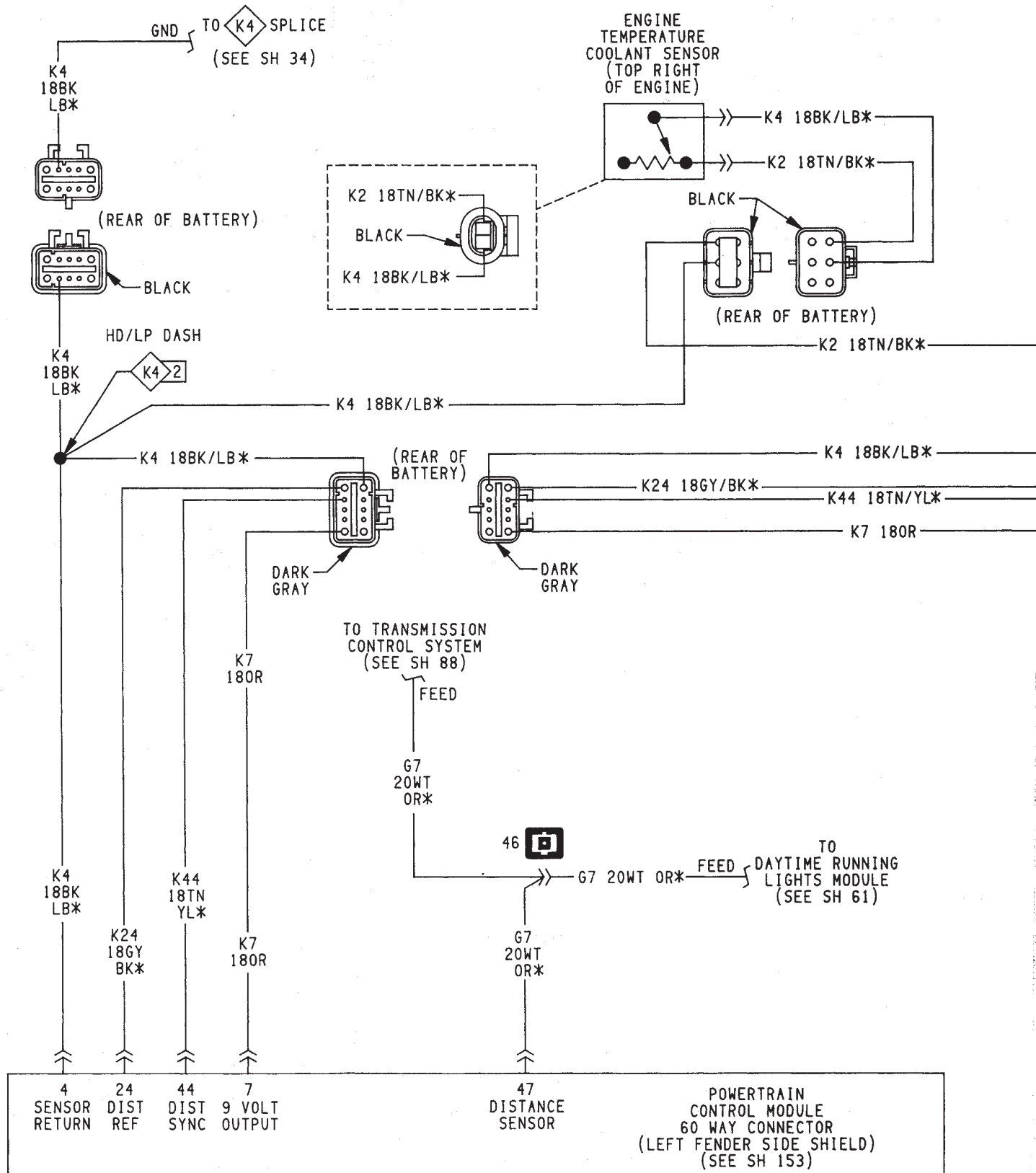


FUEL INJECTION  
IGNITION SYSTEM WITH  
TRANSMISSION CONTROL (3.0L ENGINE)

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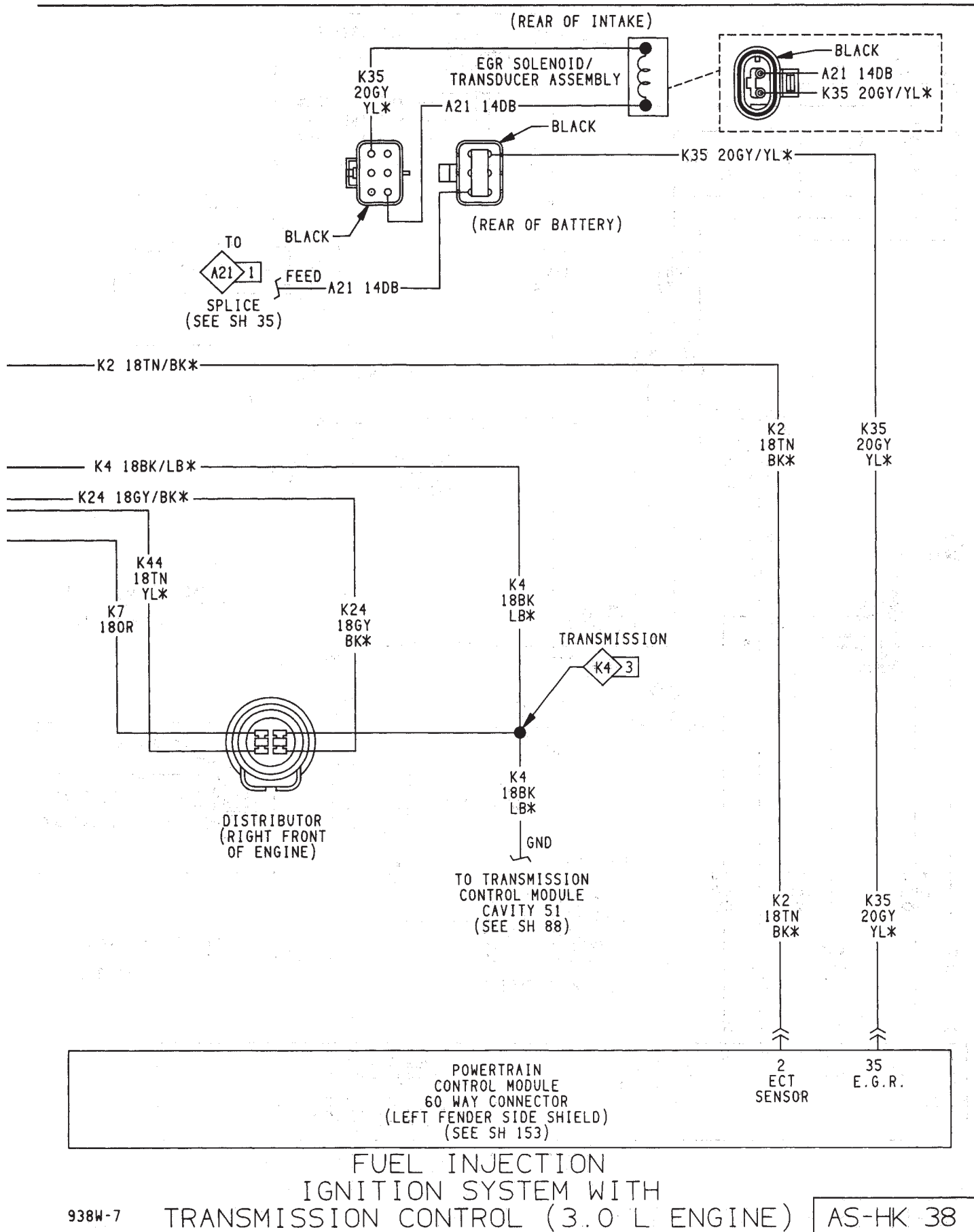


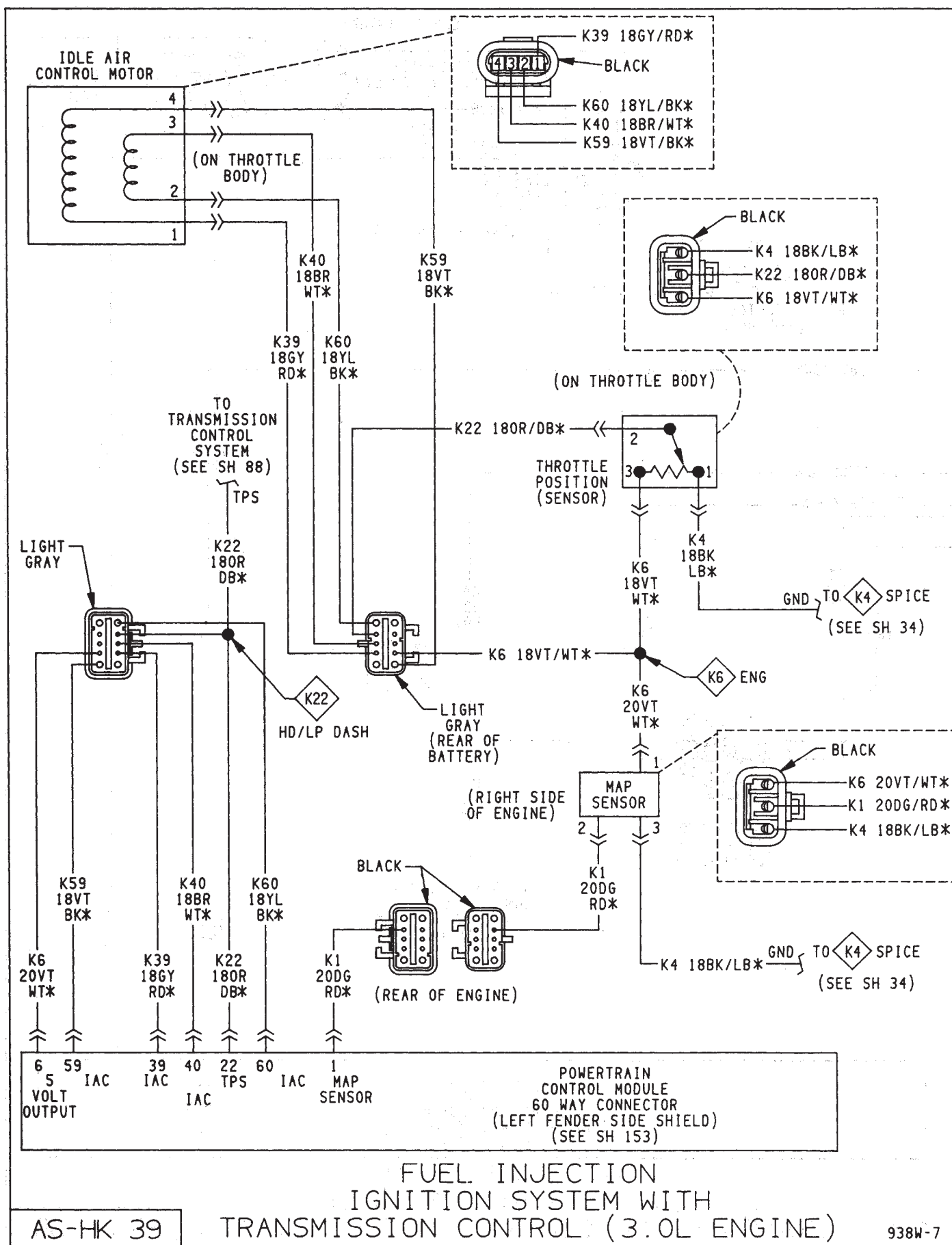


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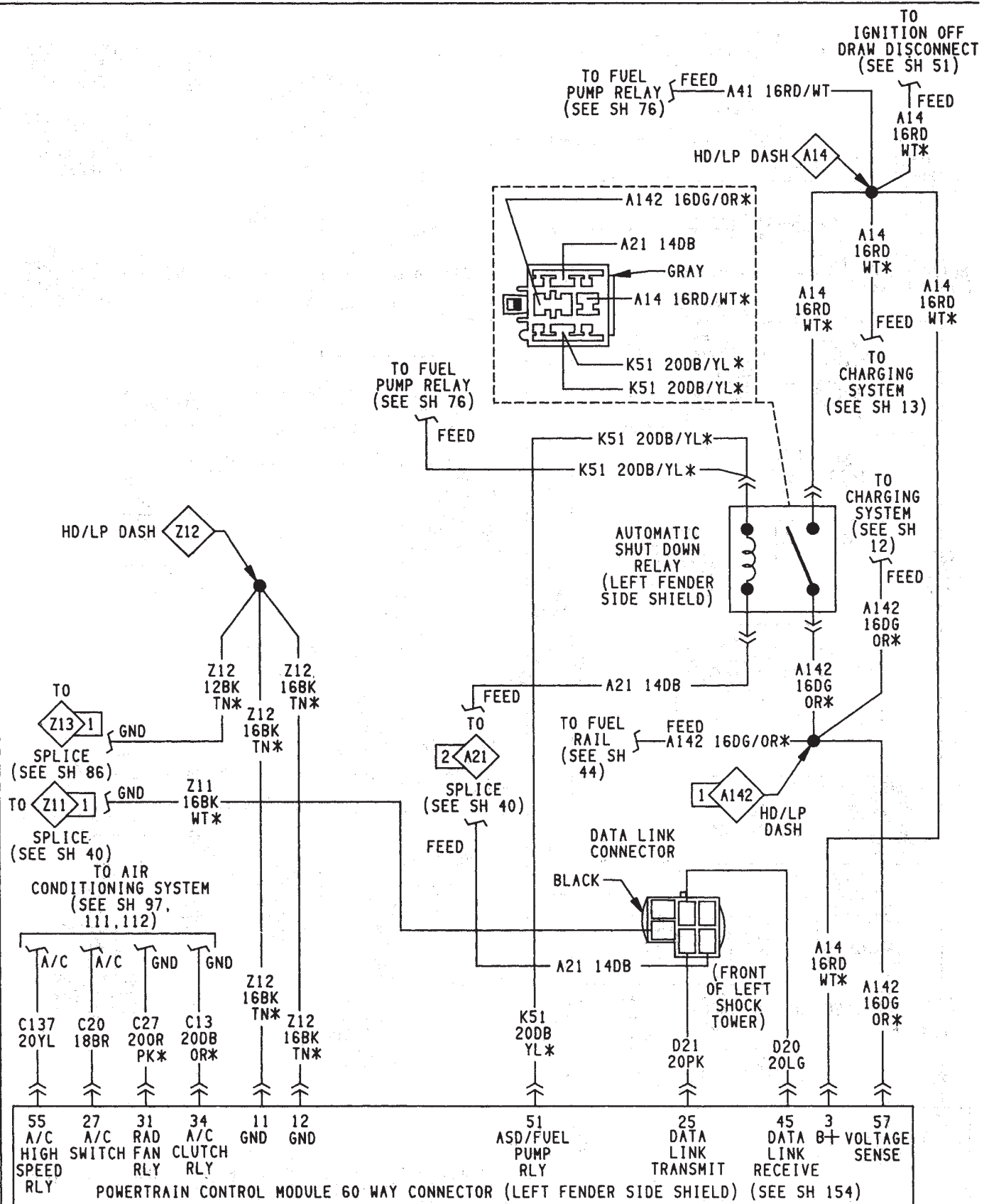
# FUEL INJECTION IGNITION SYSTEM WITH TRANSMISSION CONTROL (3.0 L ENGINE)

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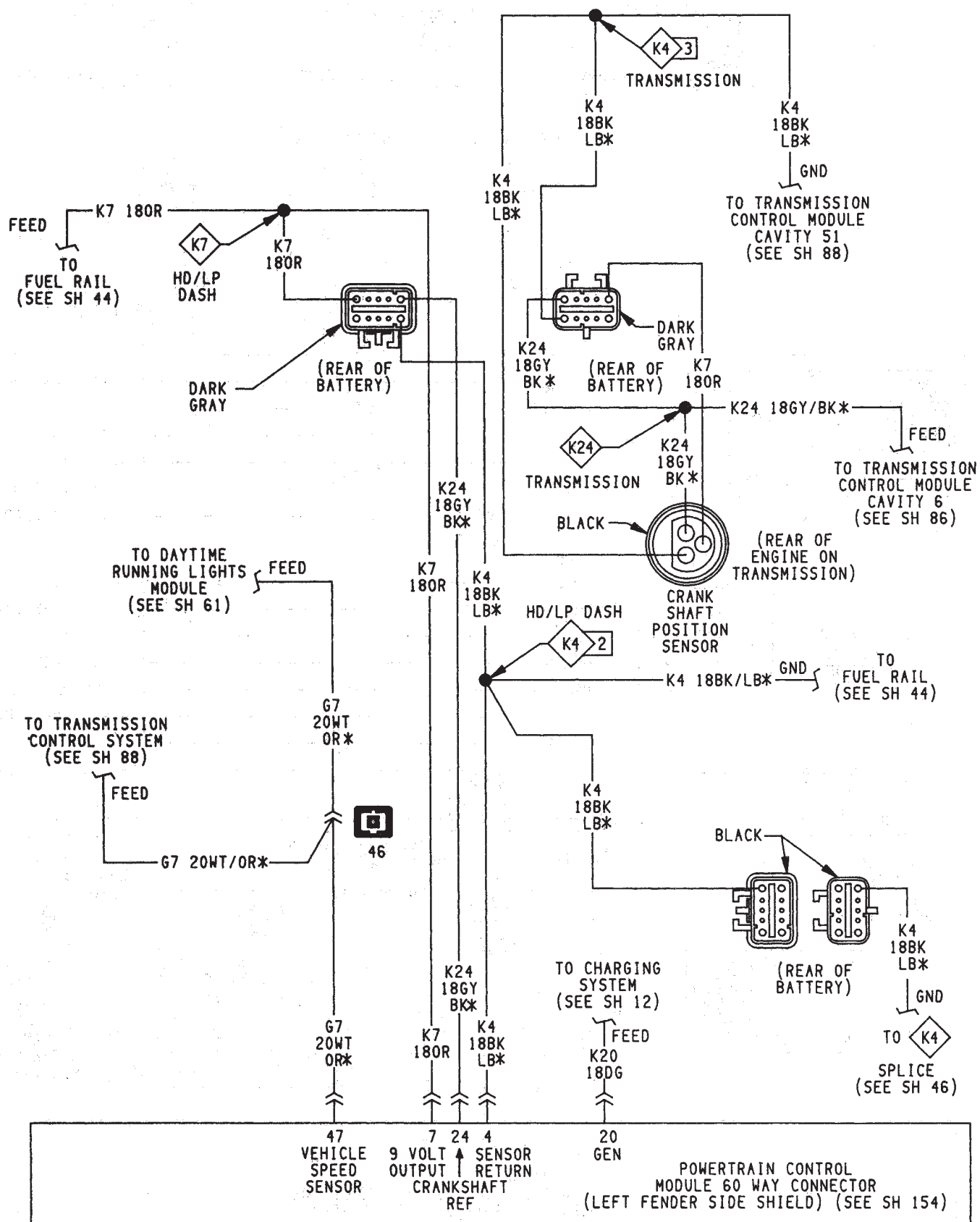




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# FUEL INJECTION IGNITION SYSTEM (3.3L ENGINE)

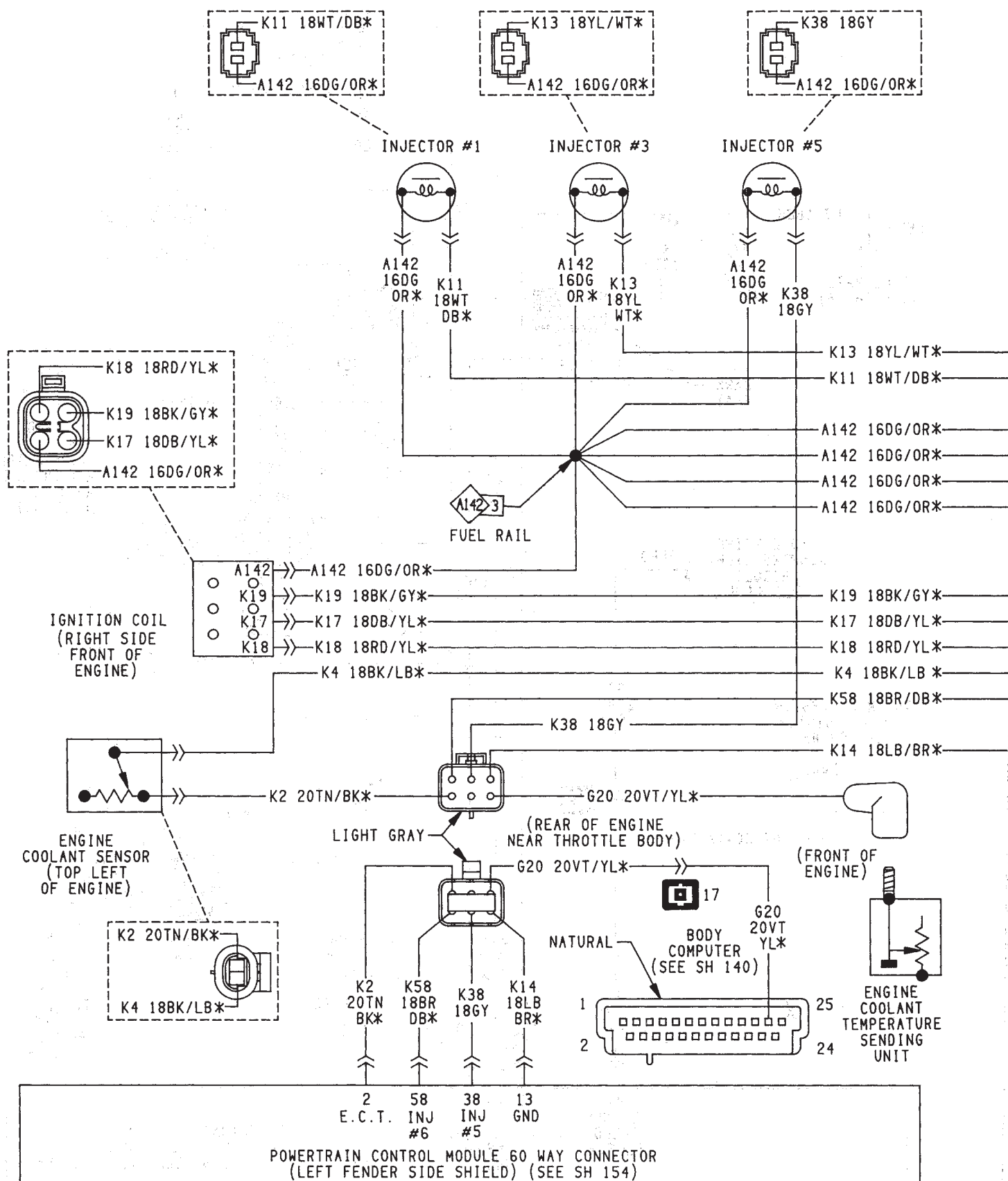
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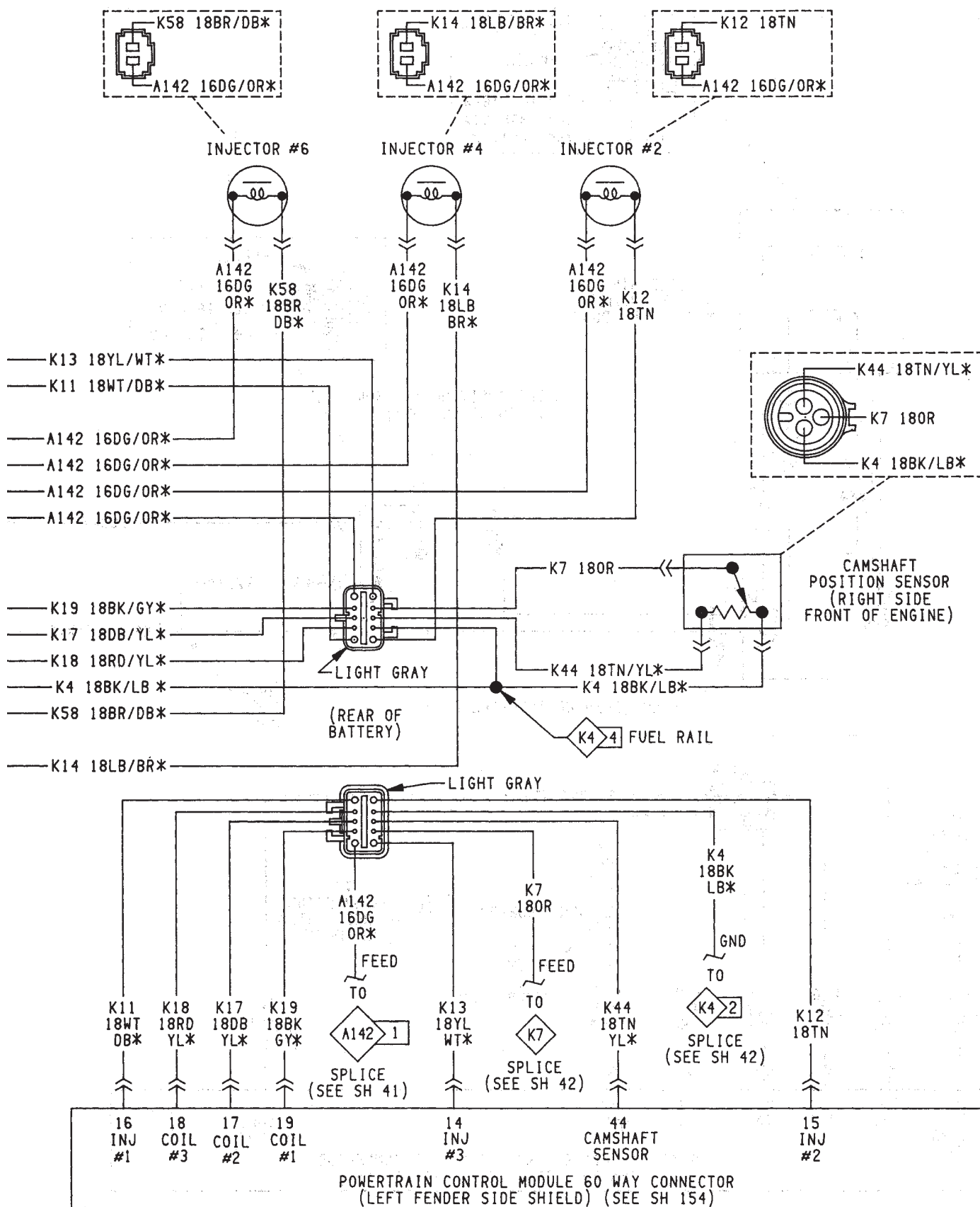


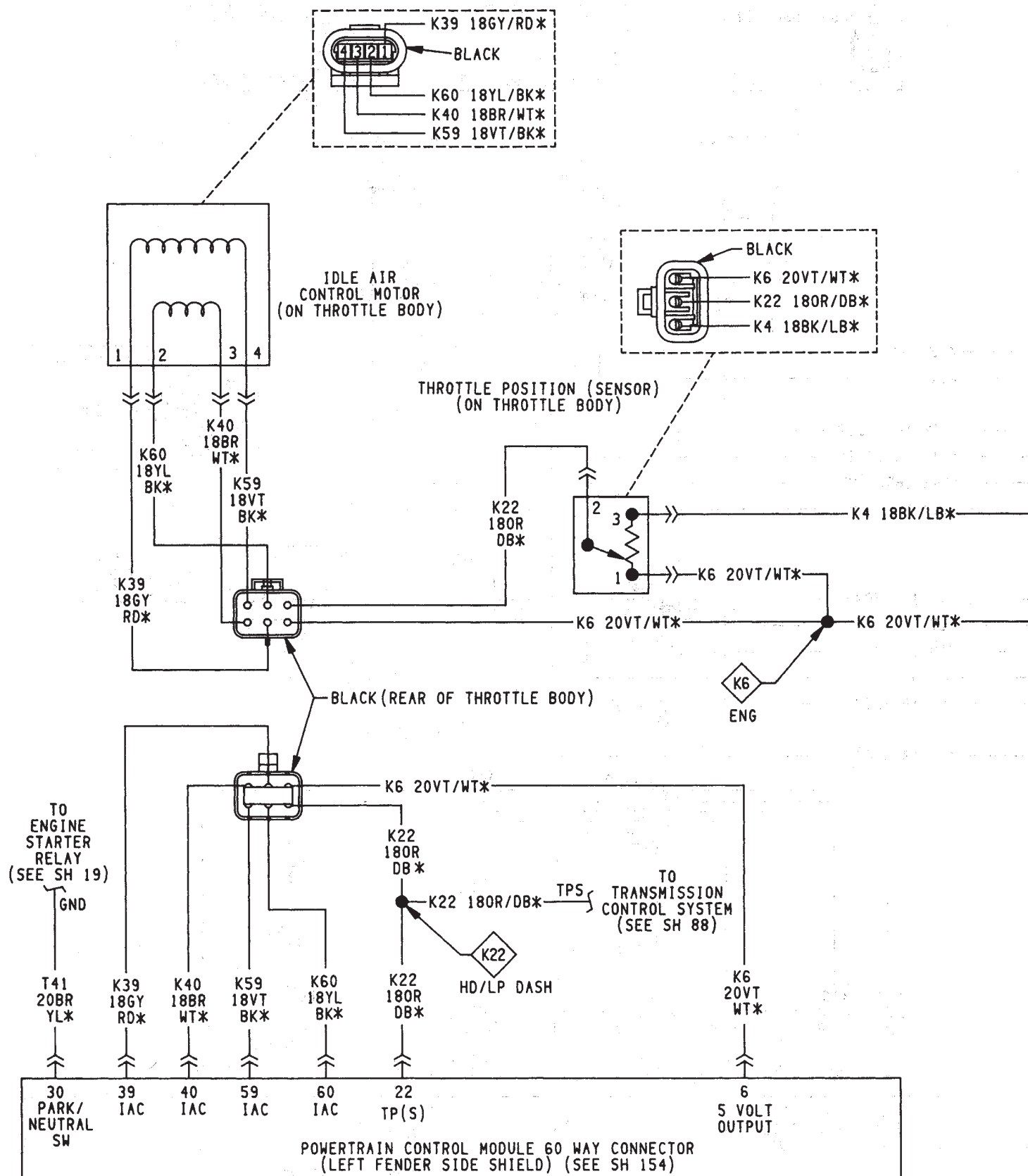
## FUEL INJECTION IGNITION SYSTEM (3.3 L ENGINE)

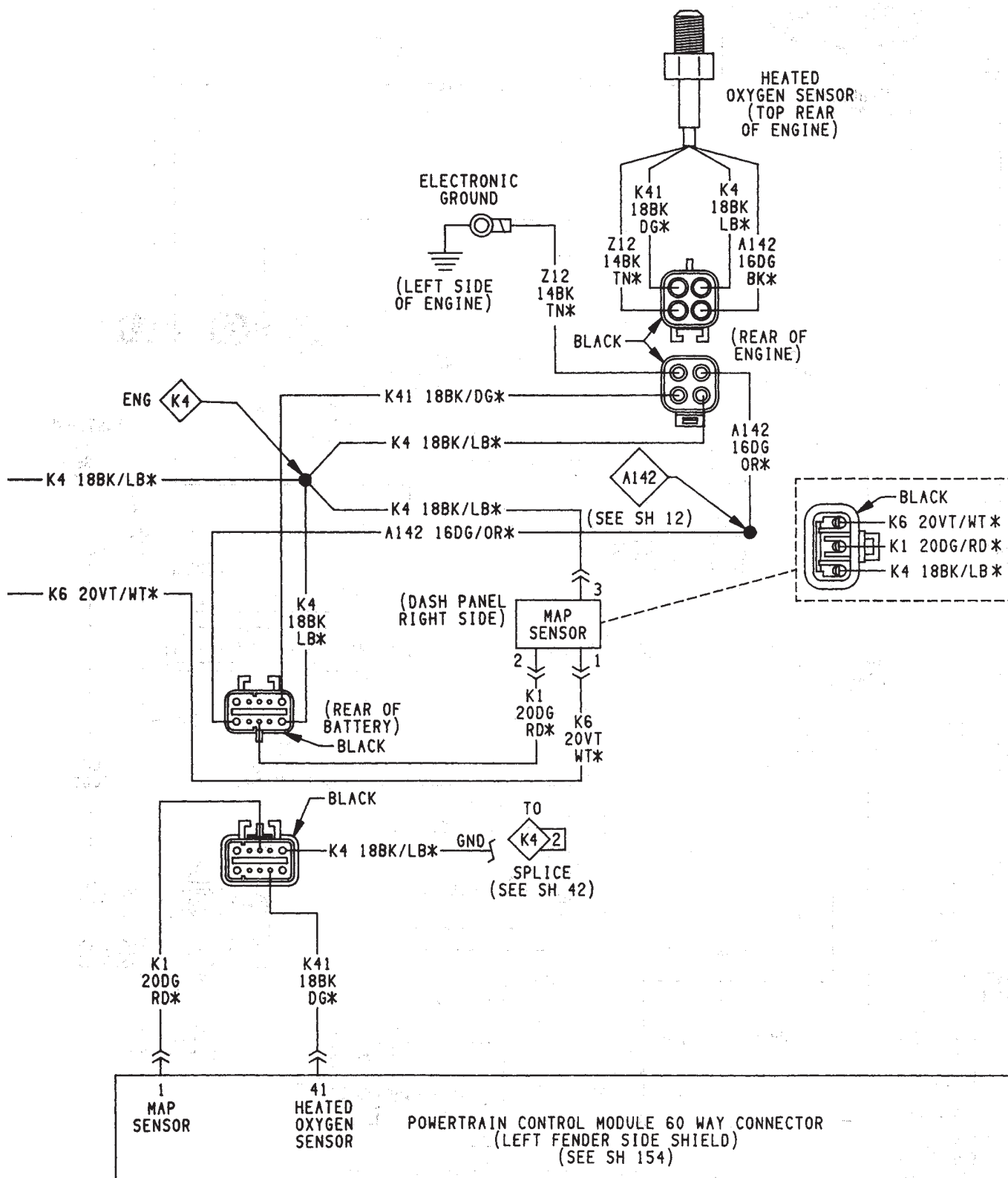
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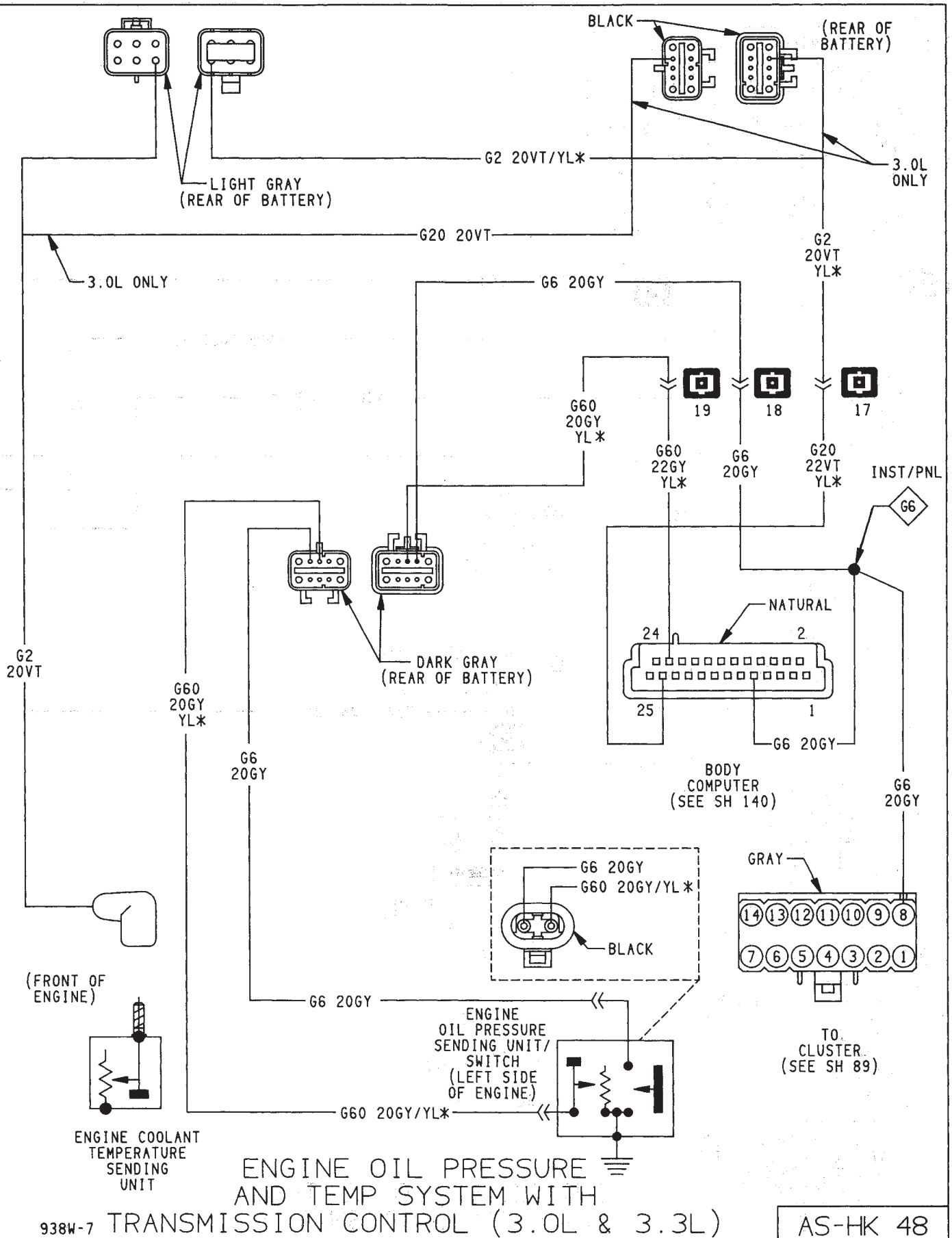




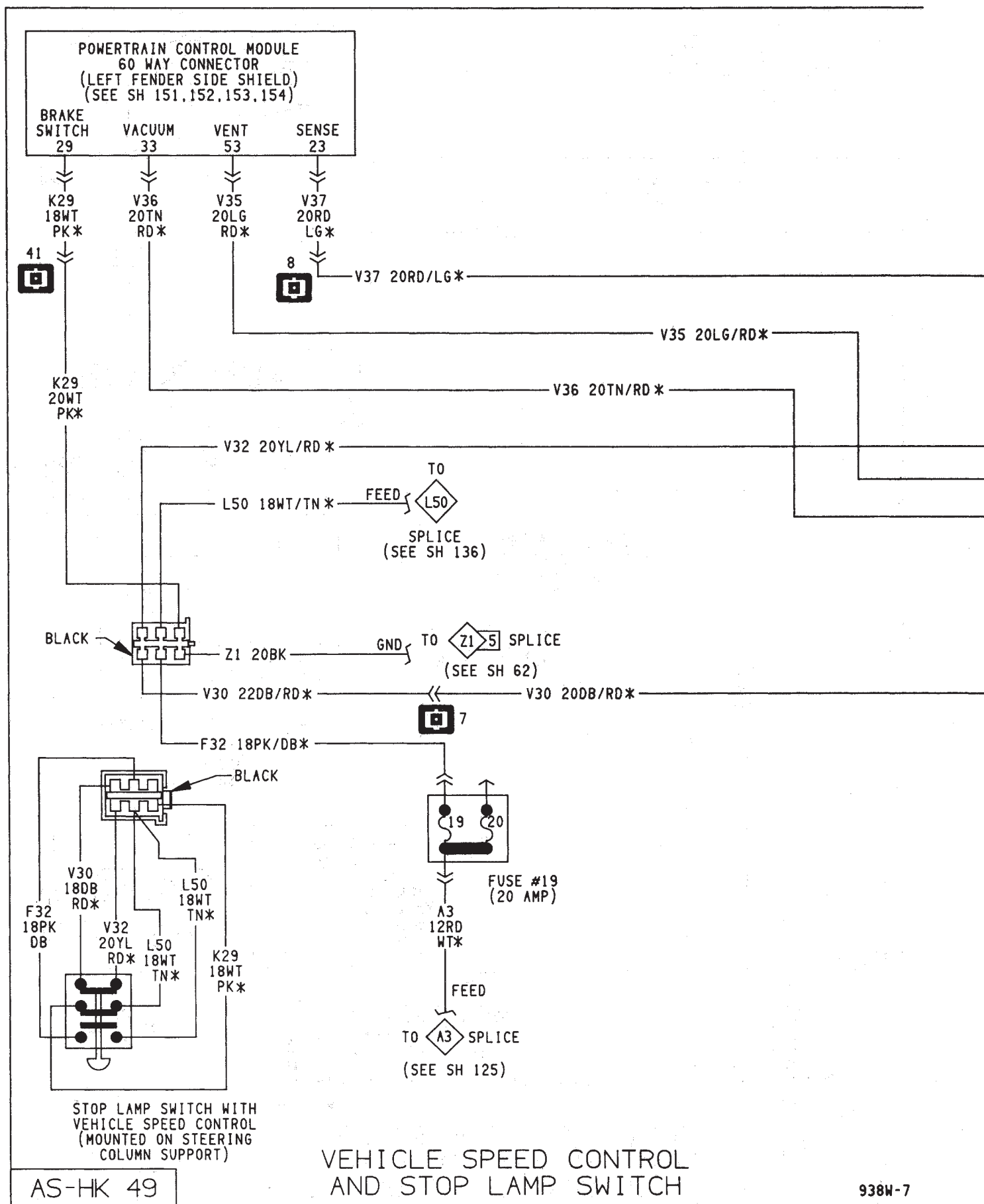


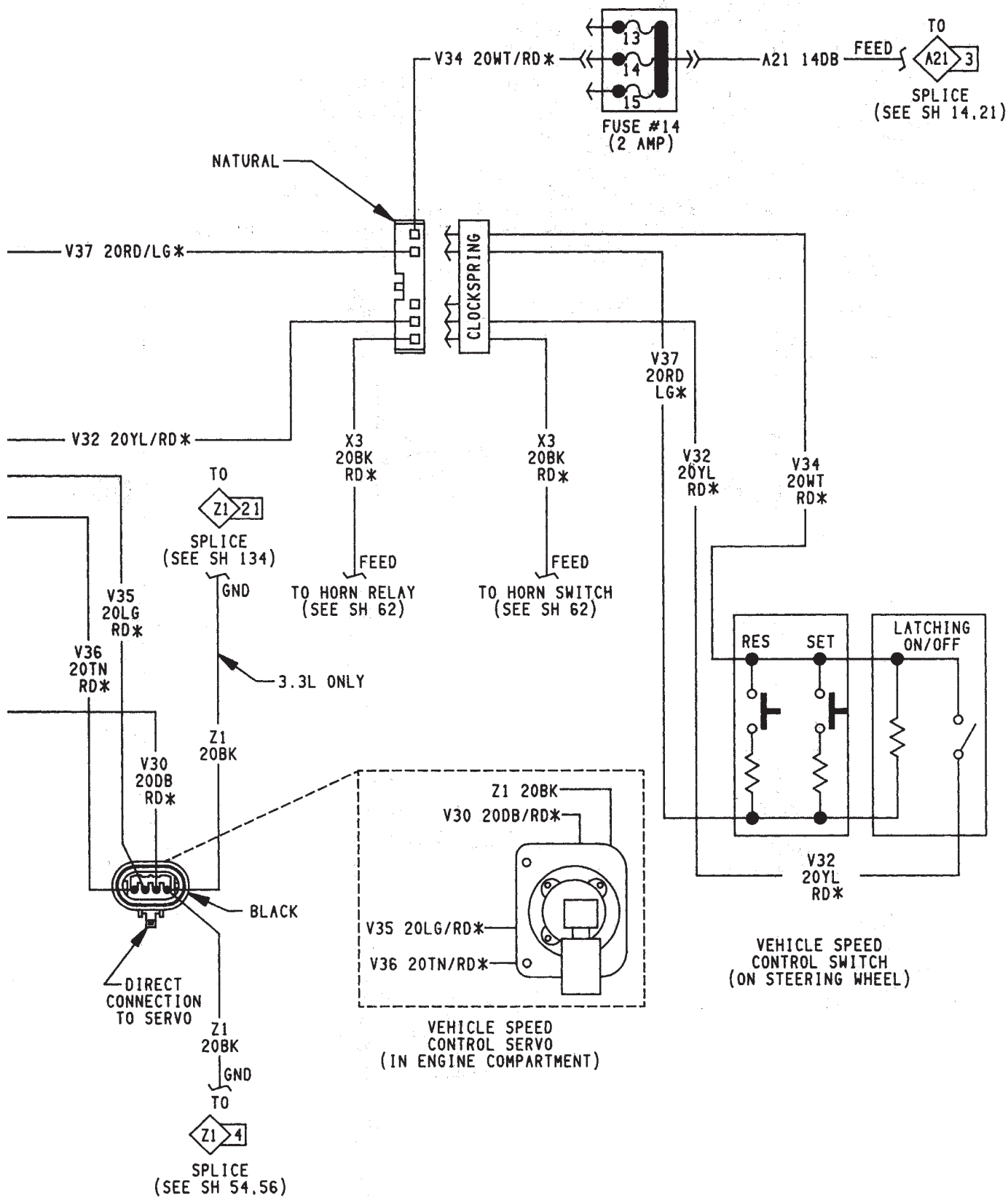
# FUEL INJECTION IGNITION SYSTEM (3.3L ENGINE)



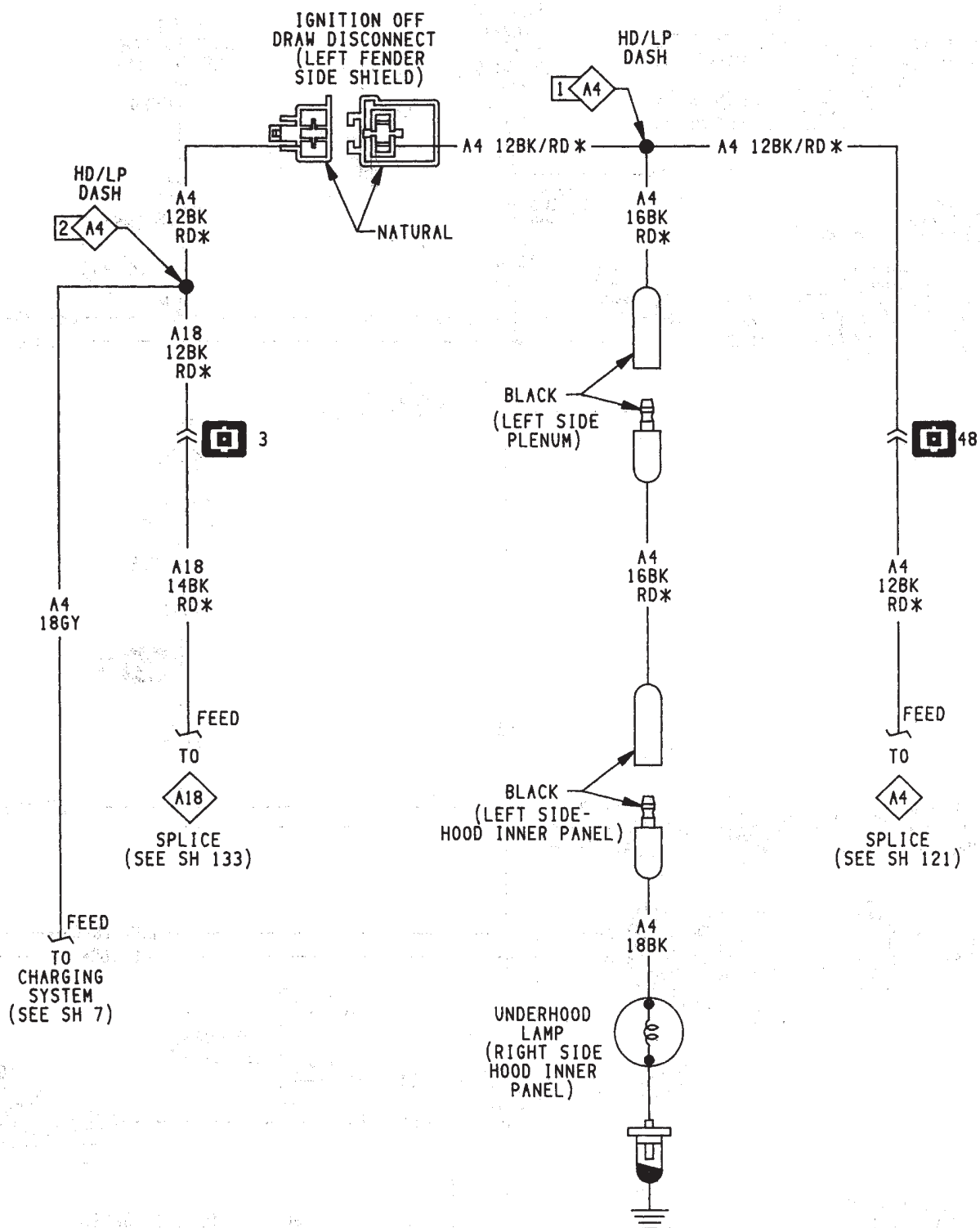


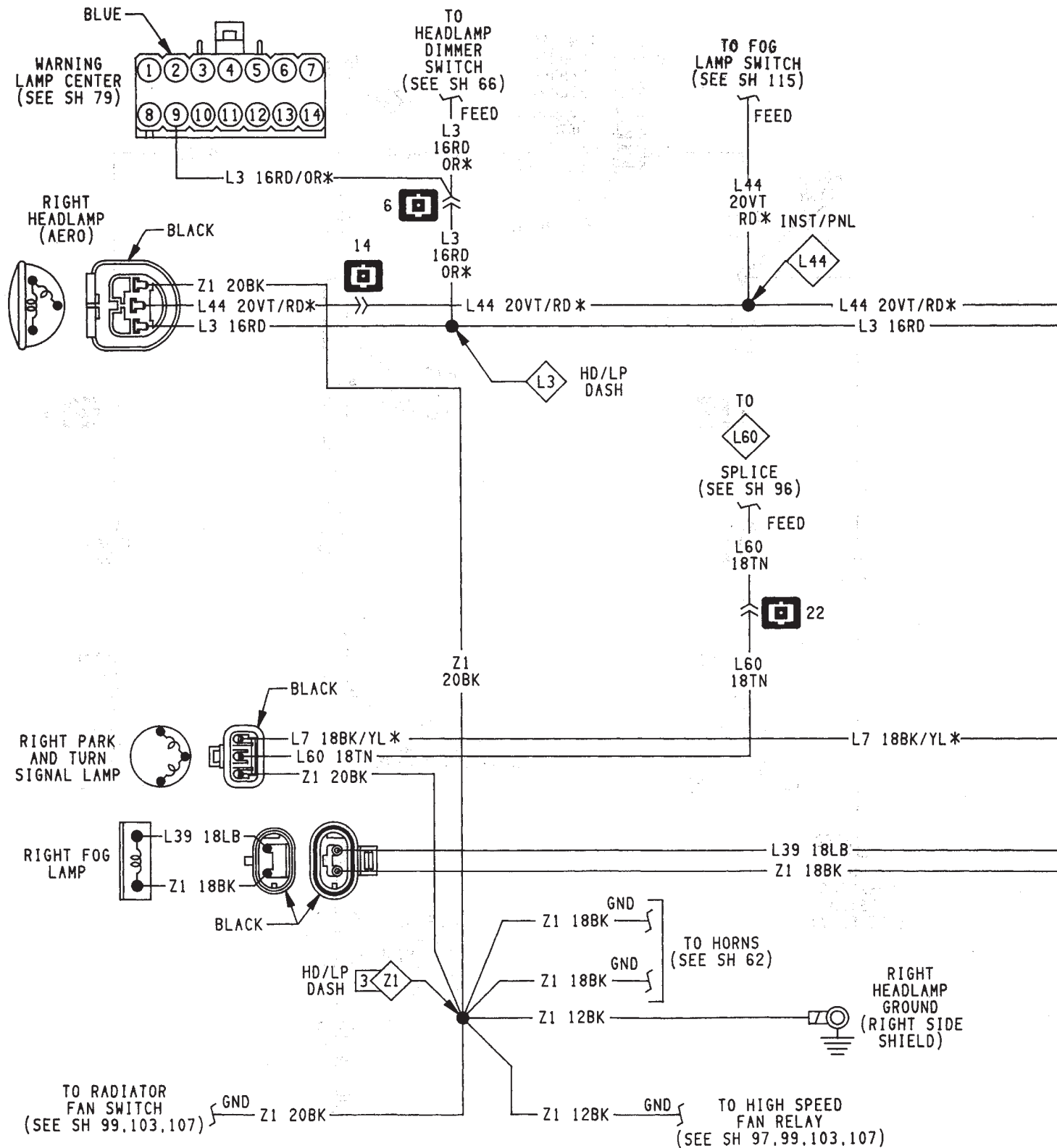


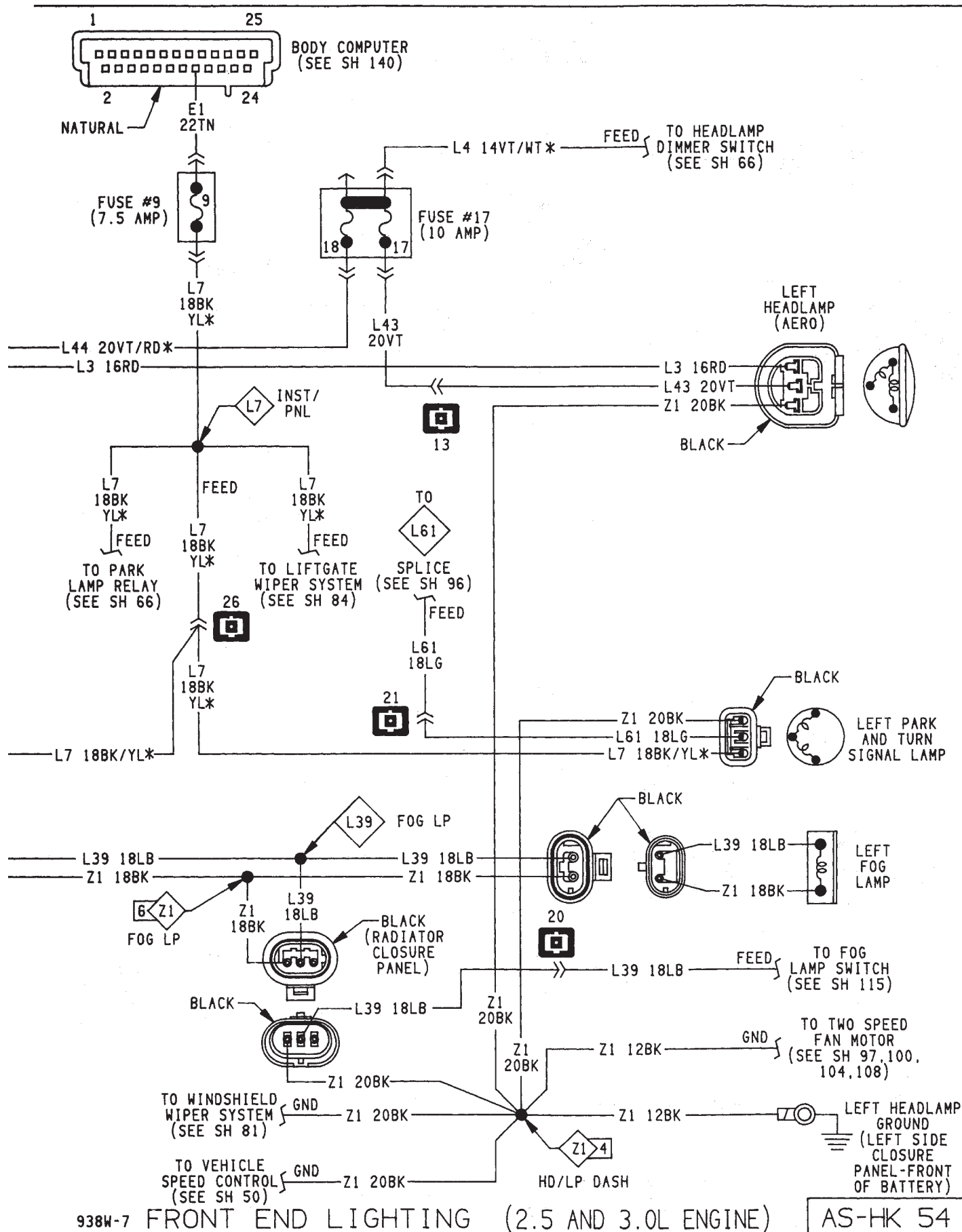




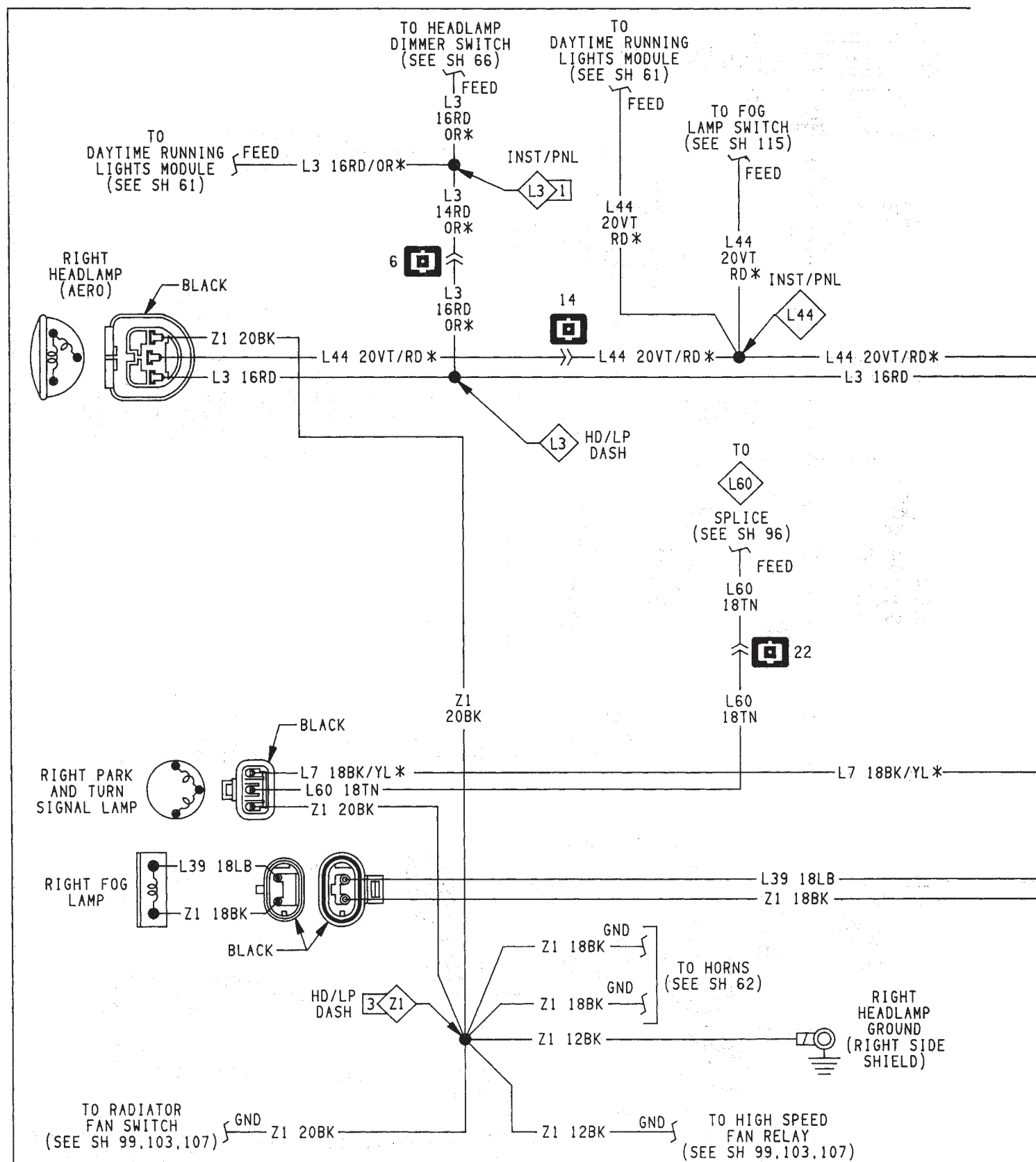










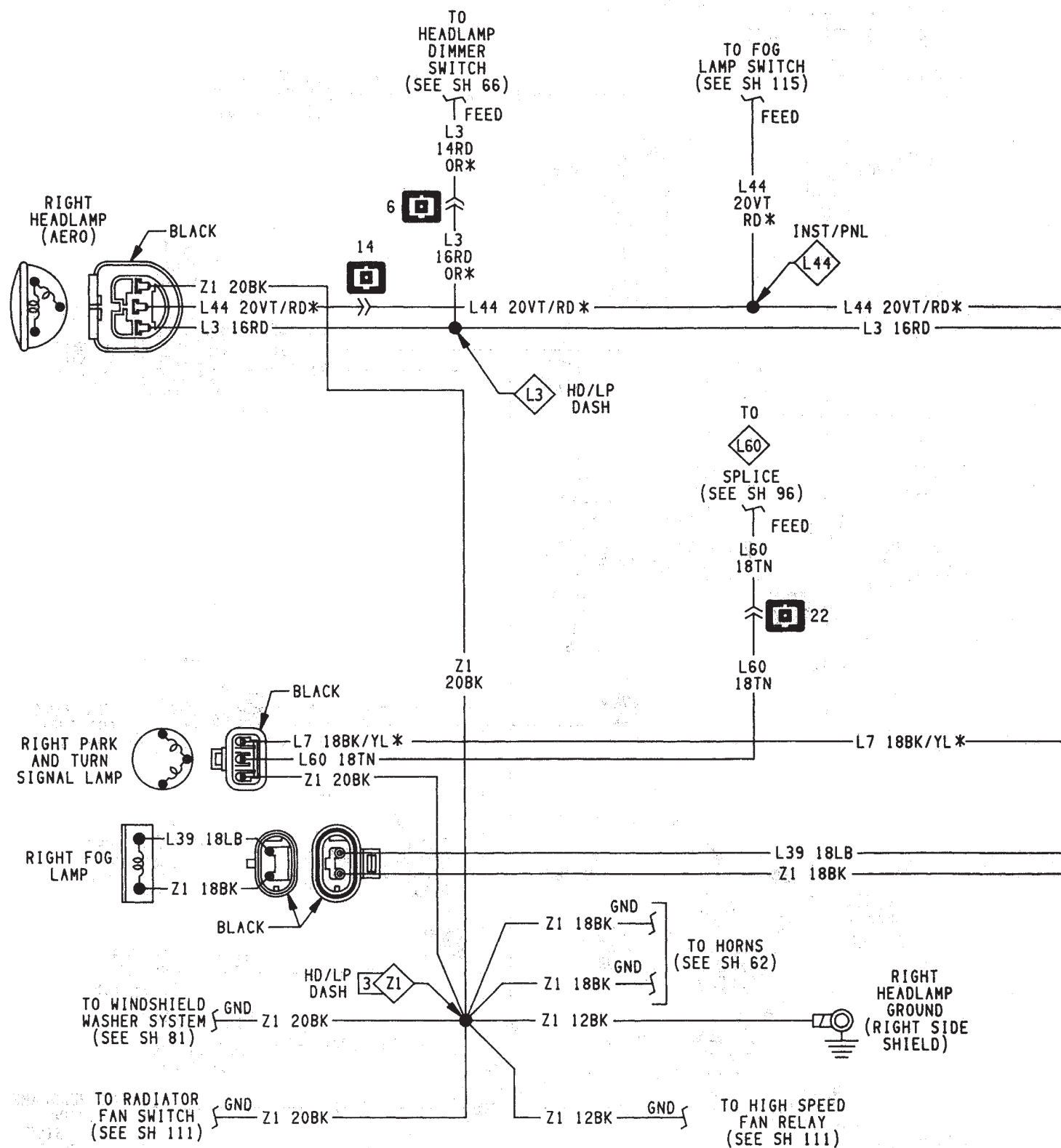


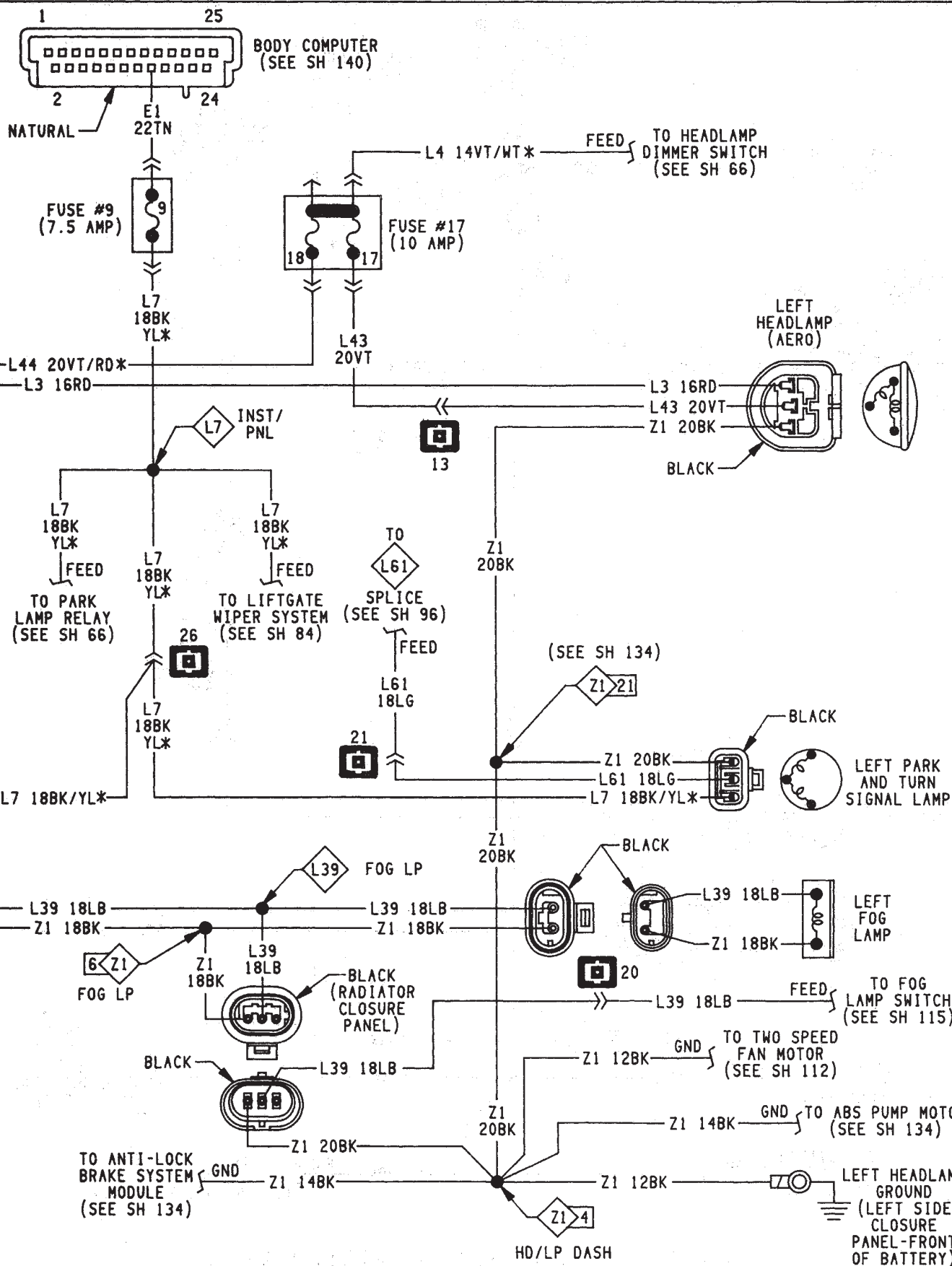
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FRONT END LIGHTING WITH DAYTIME  
RUNNING LIGHTS (2.5 AND 3.0L ENGINE) 938W-7



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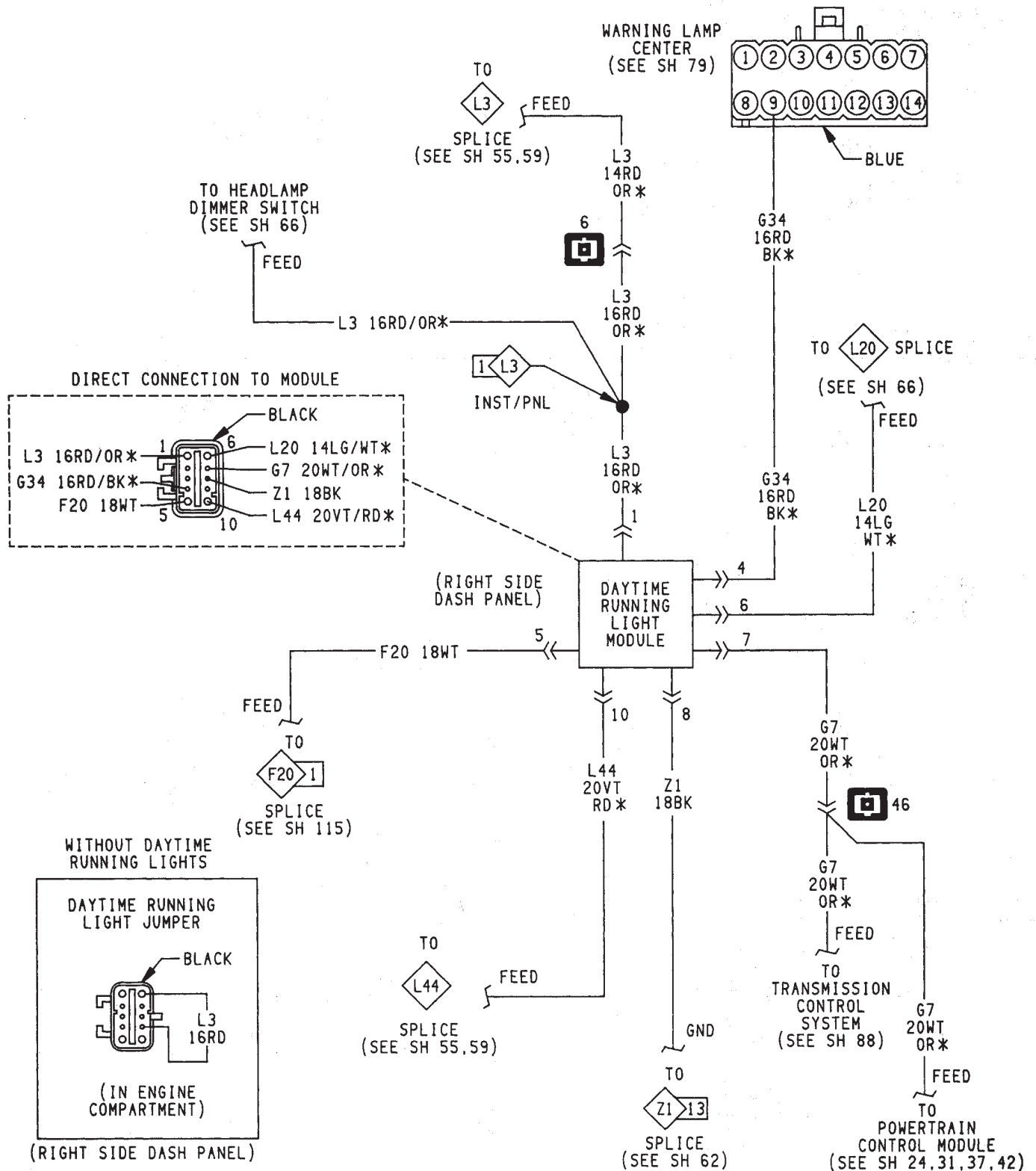


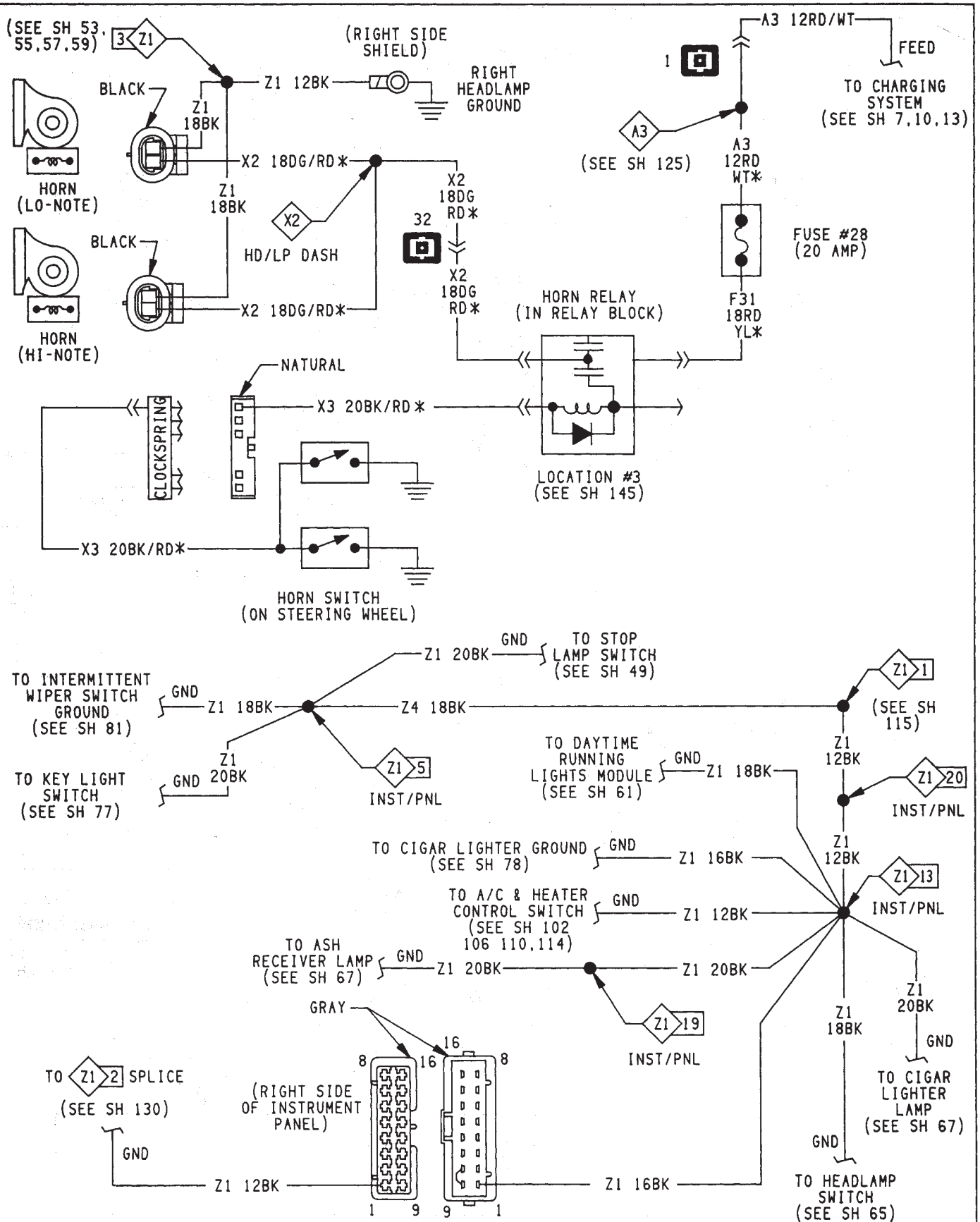






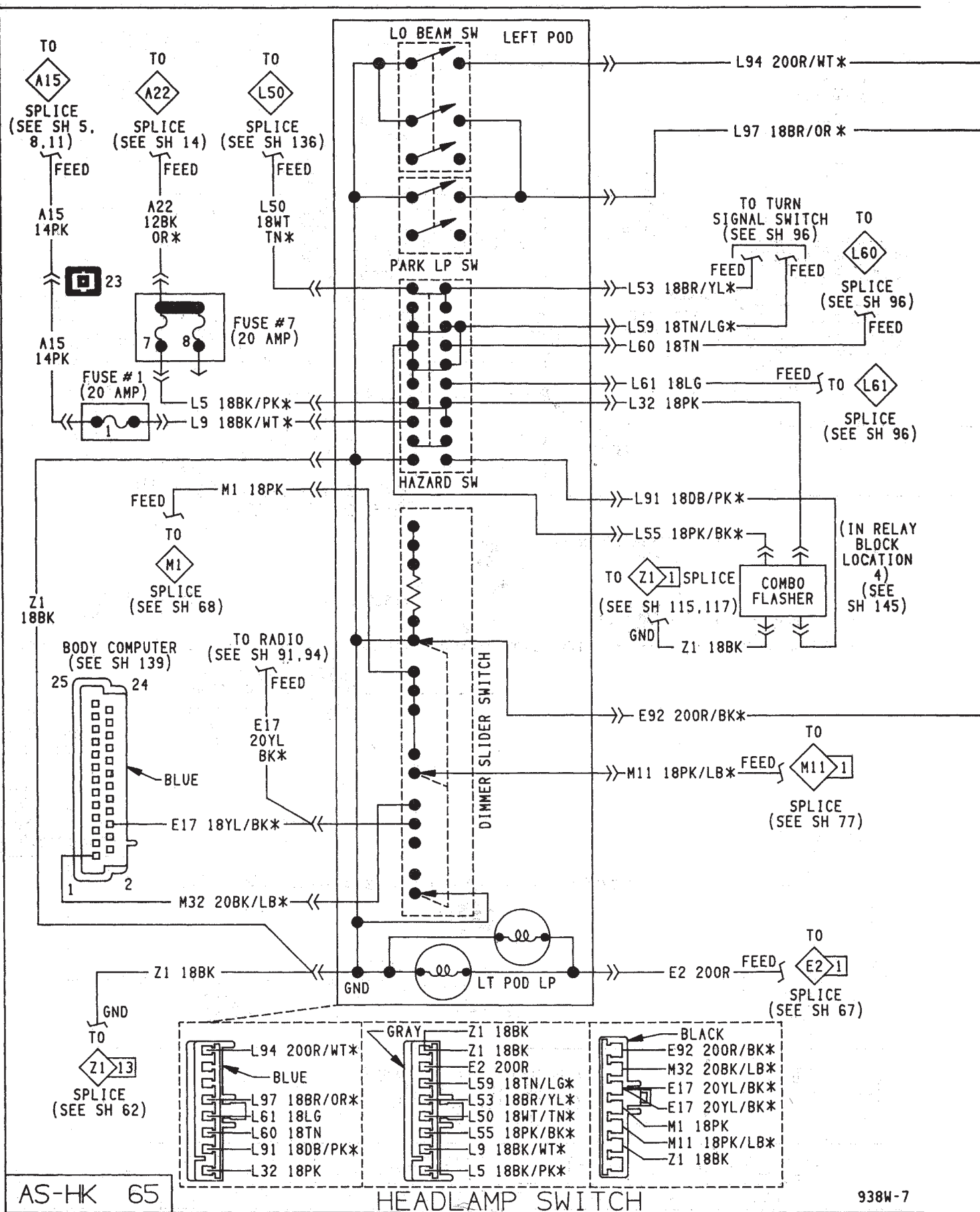


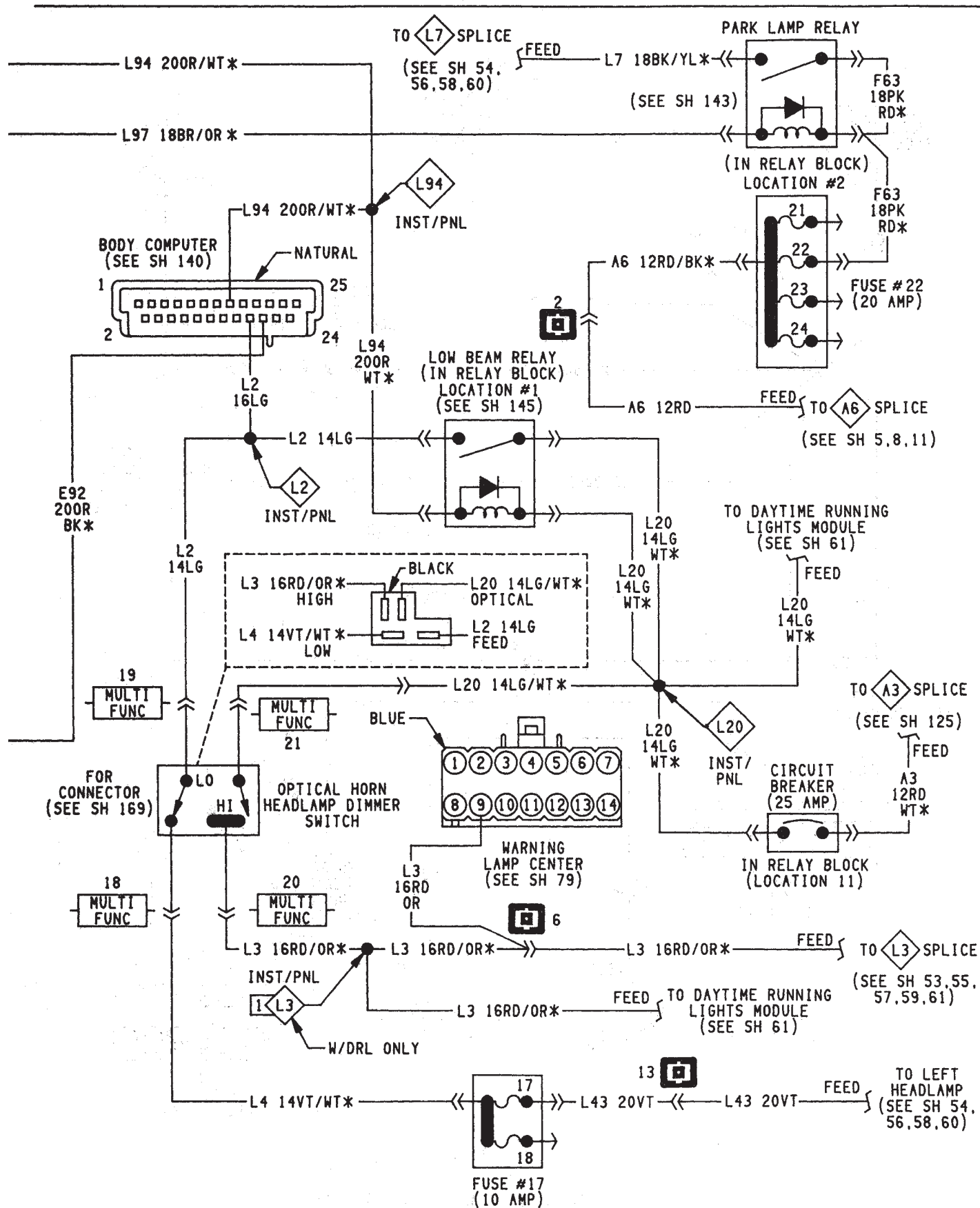




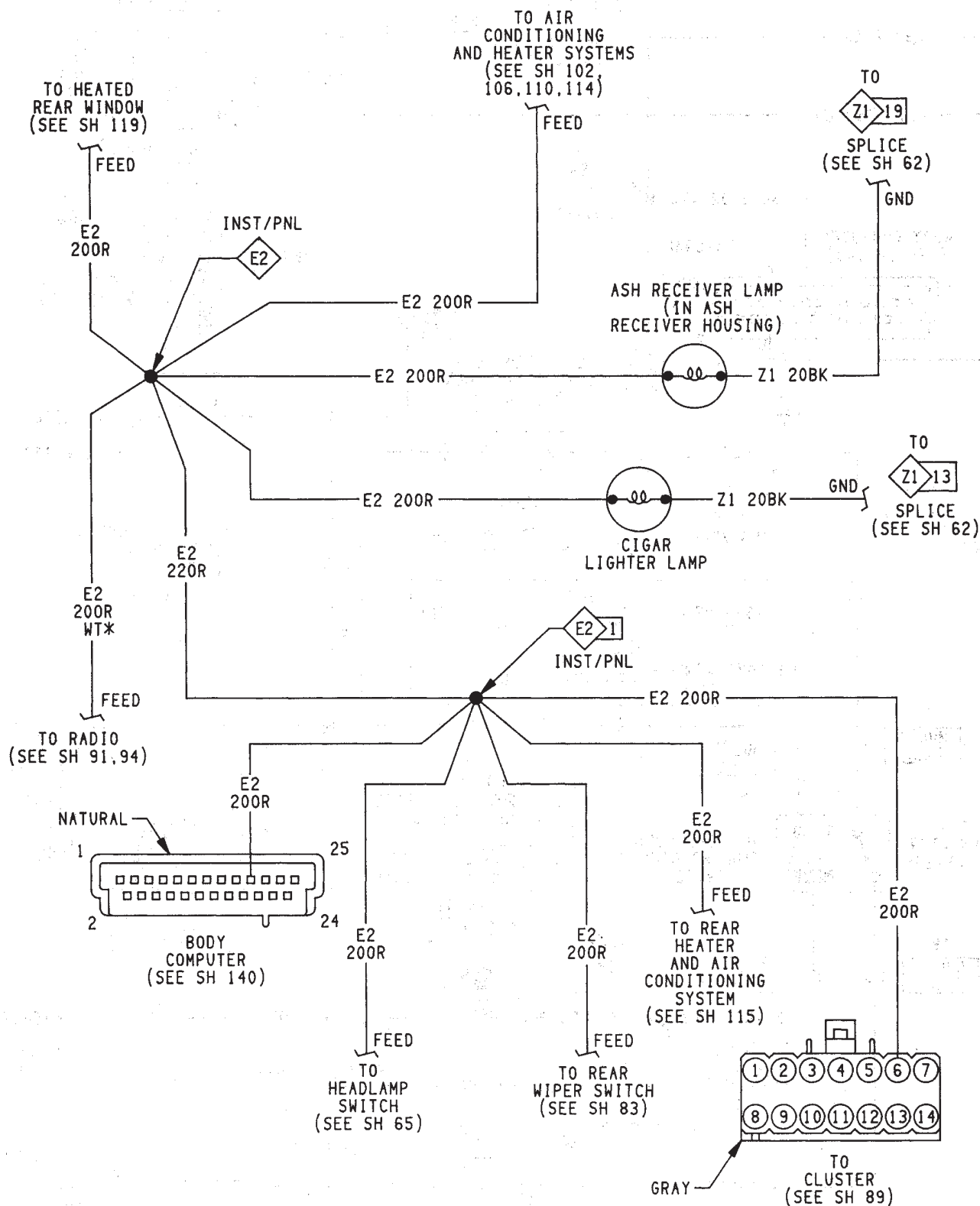








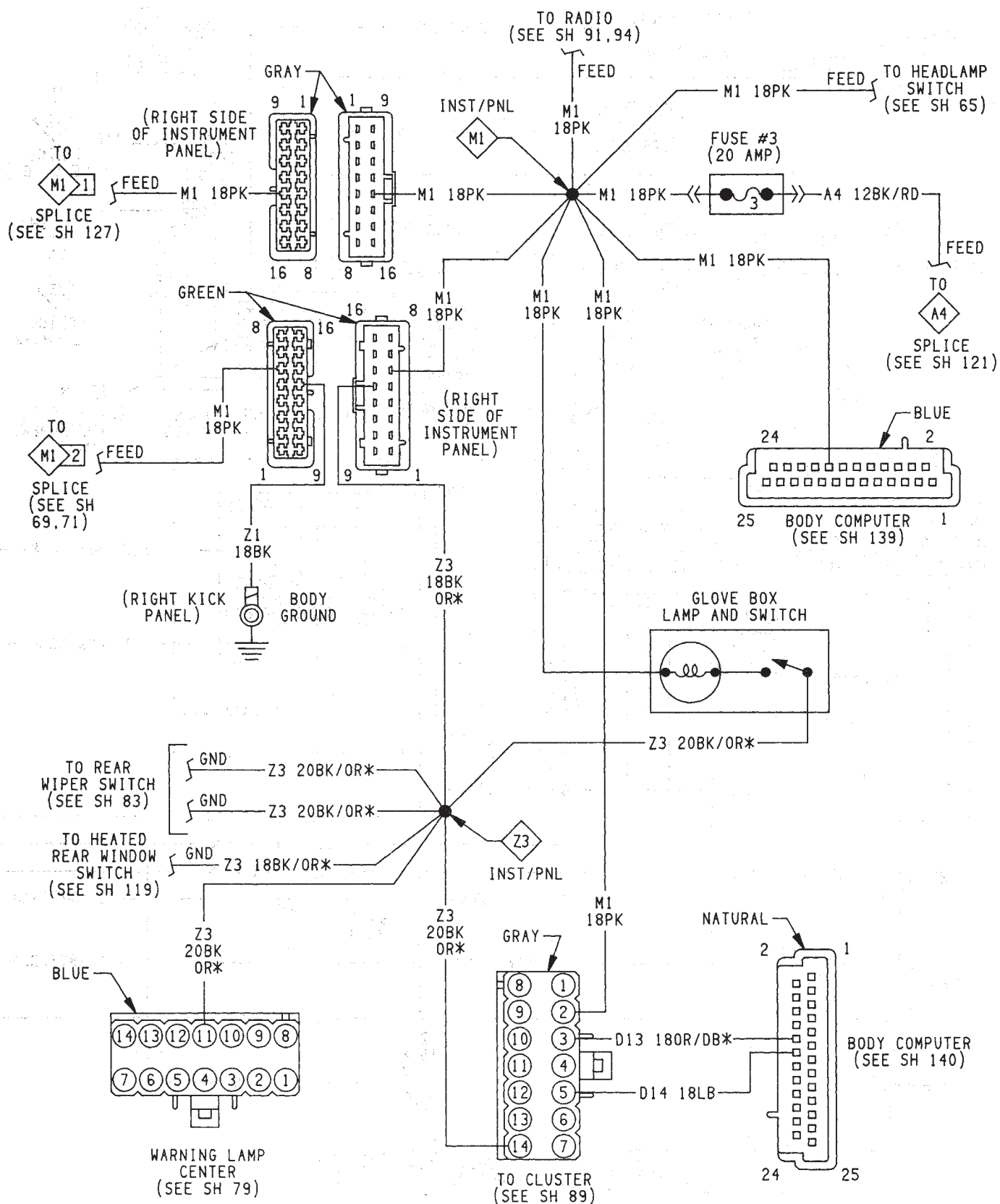




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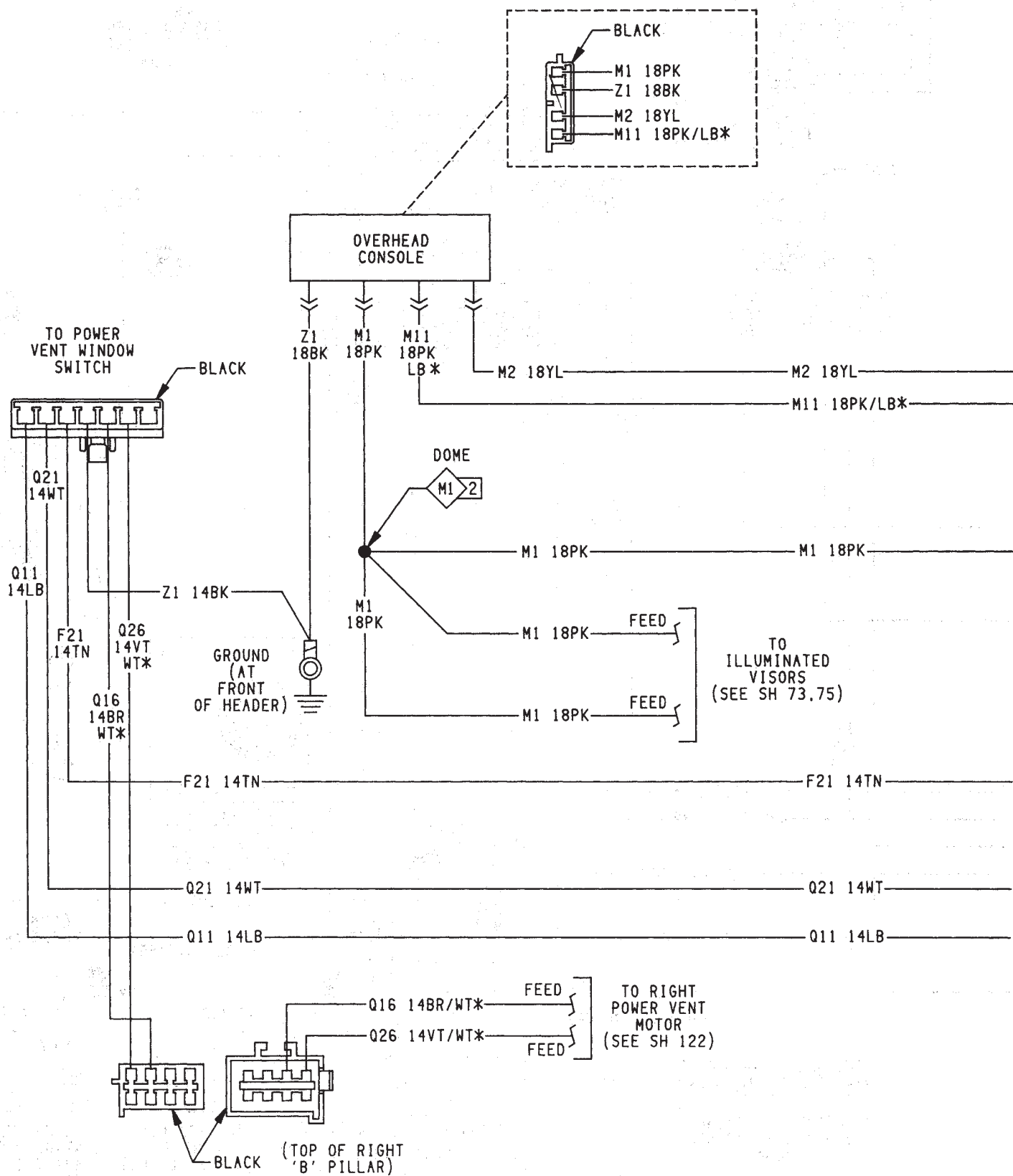
HEADLAMP SWITCH  
CONTROLLED INTERIOR LAMPS

938W-7





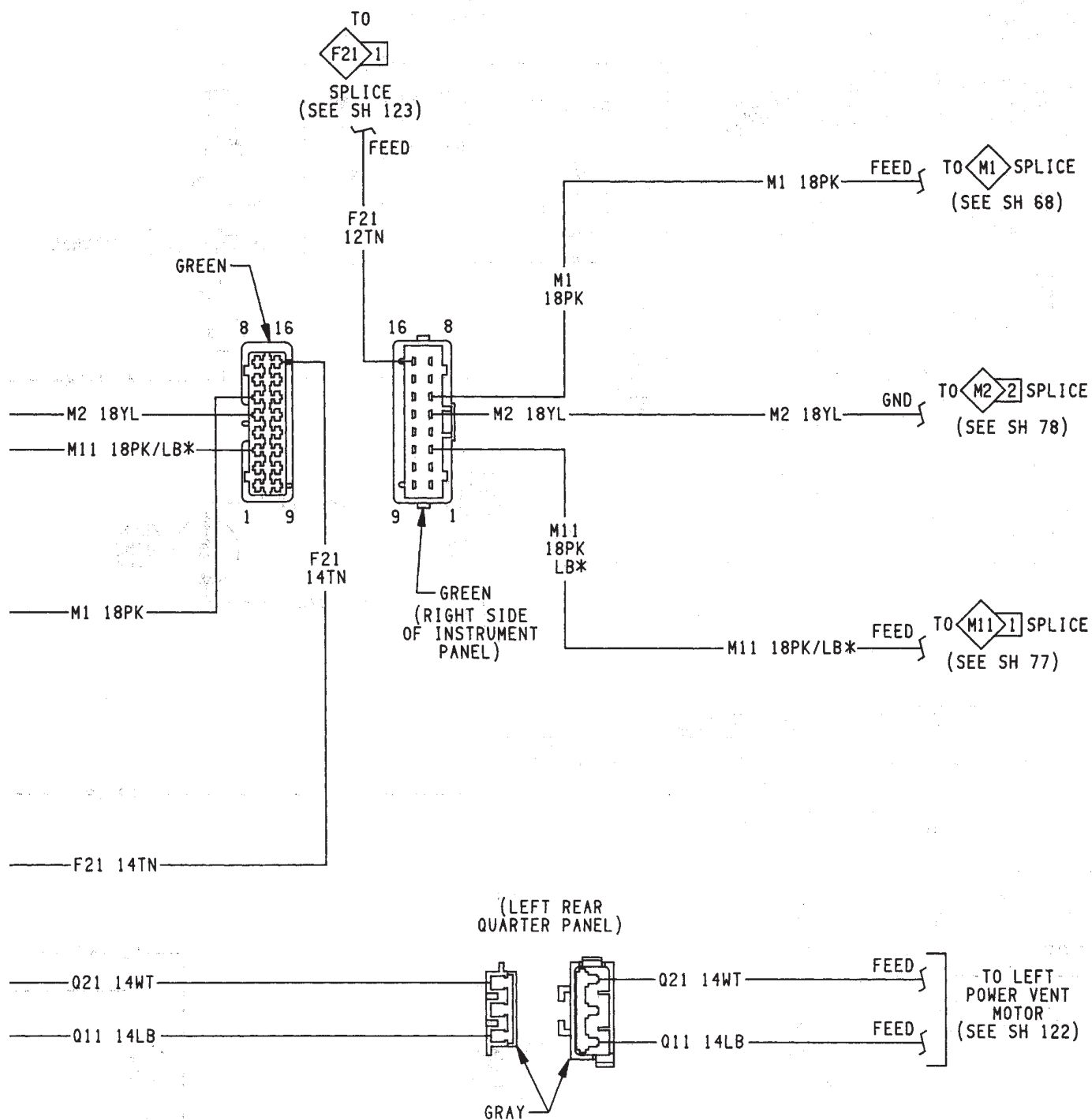




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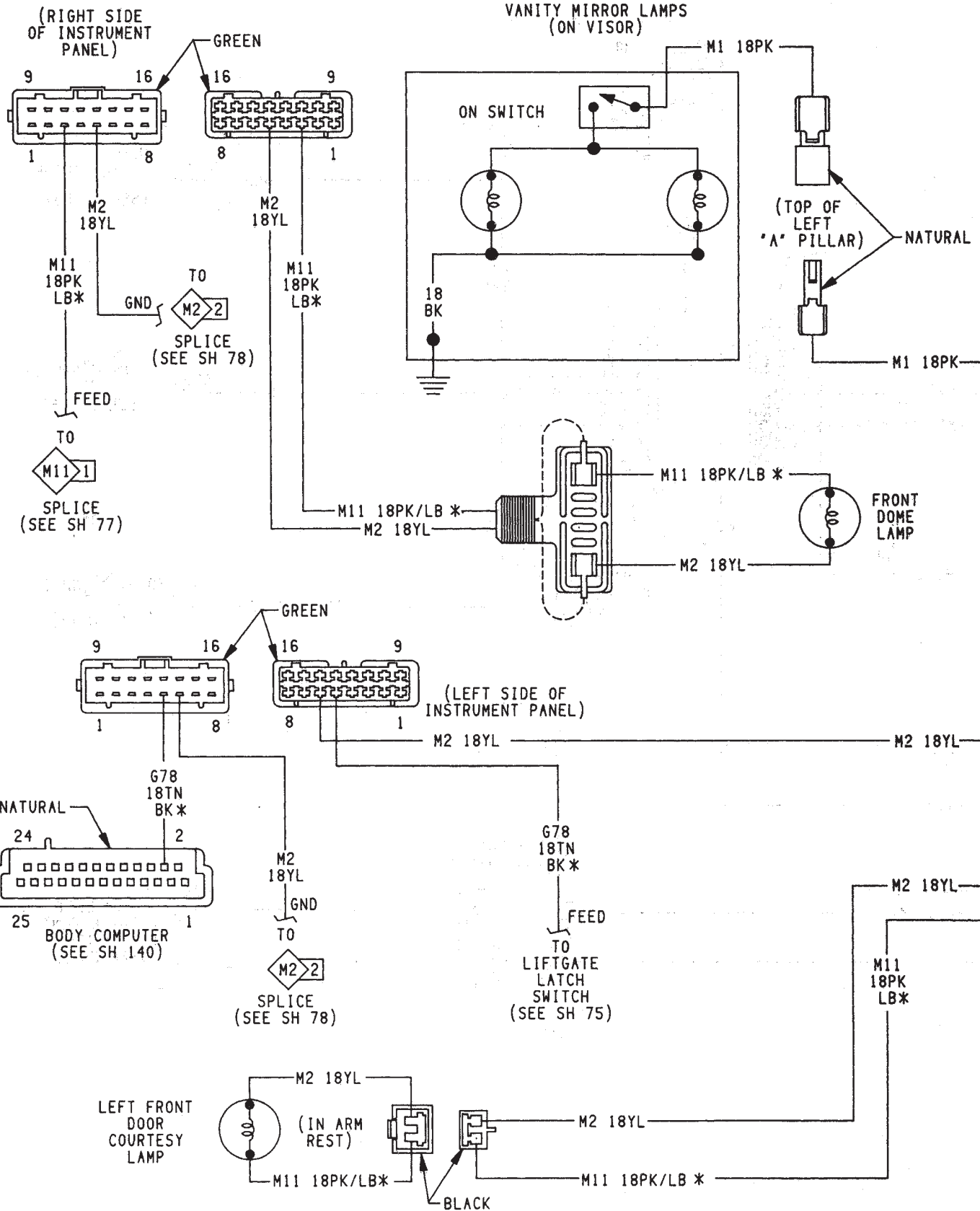
OVERHEAD CONSOLE  
WITHOUT MINI-TRIP COMPUTER

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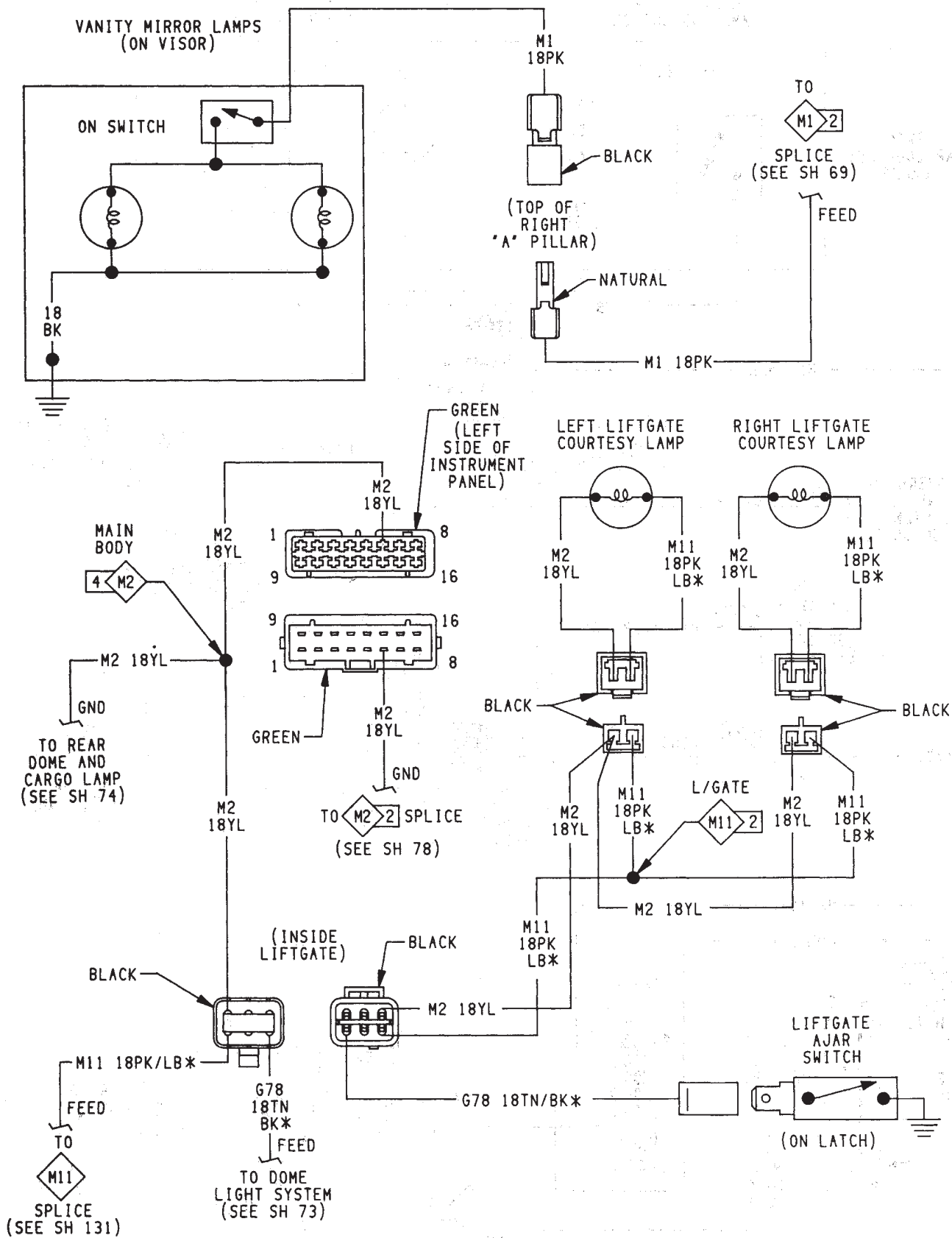


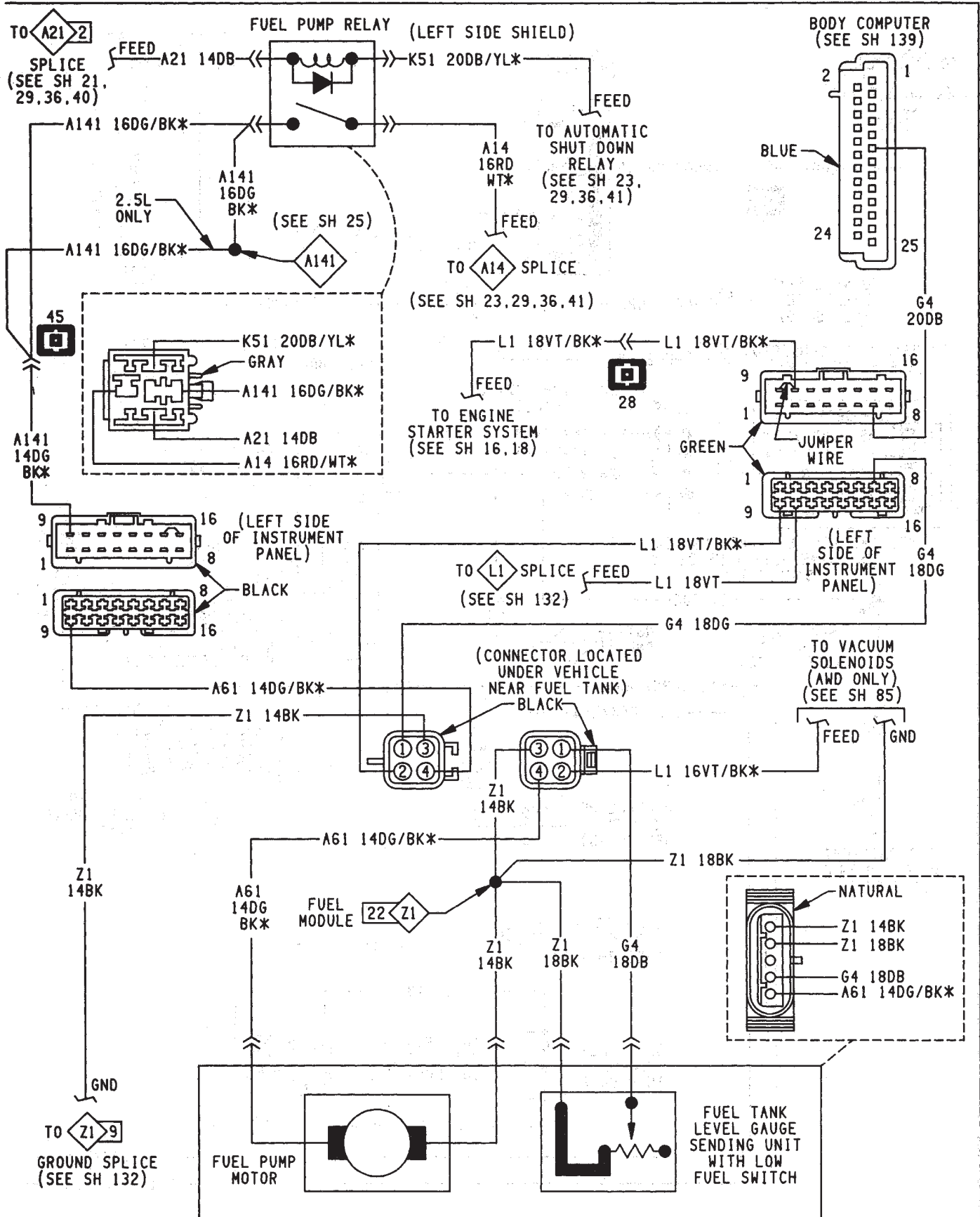
OVERHEAD CONSOLE  
WITHOUT MINI-TRIP COMPUTER

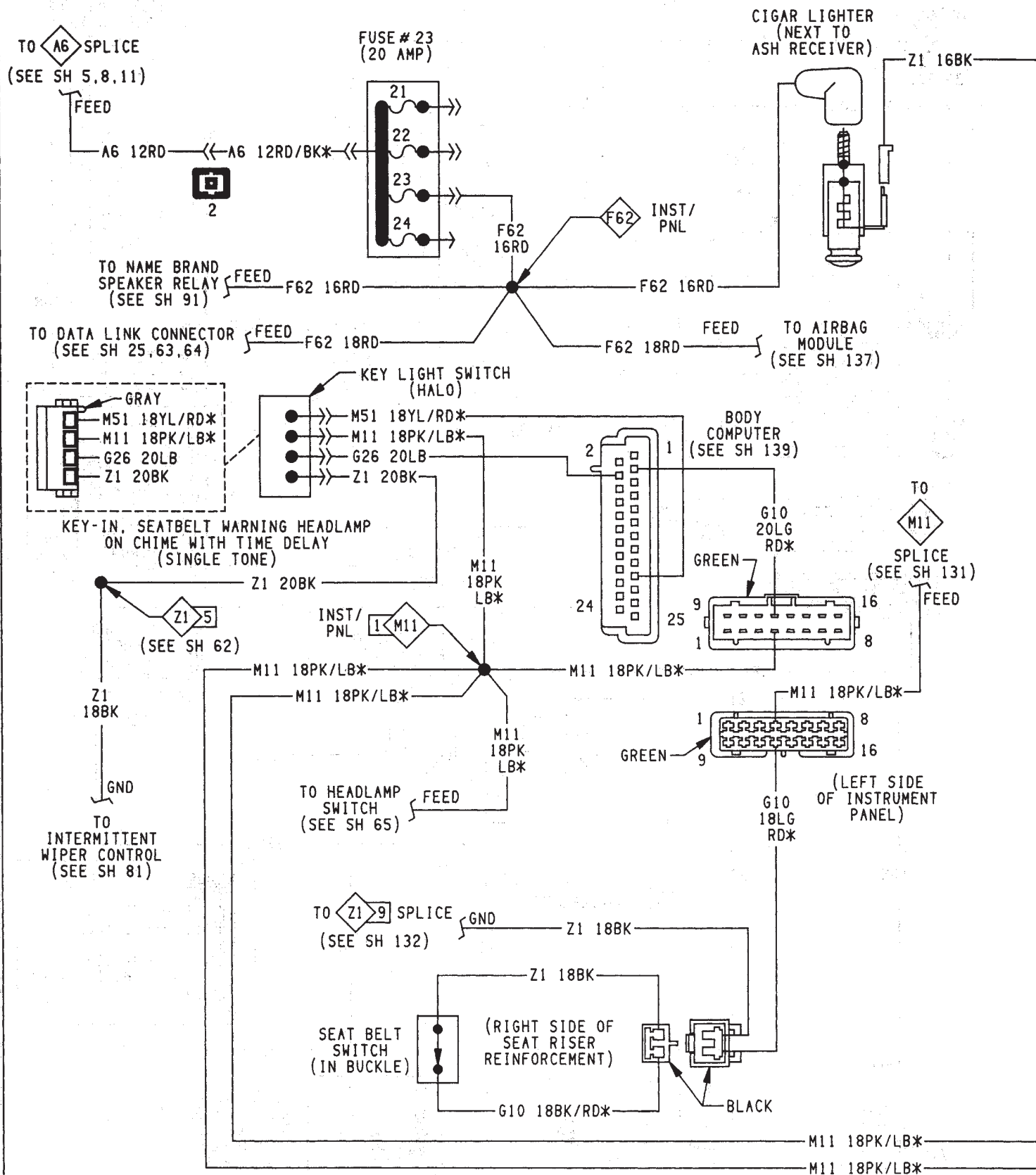


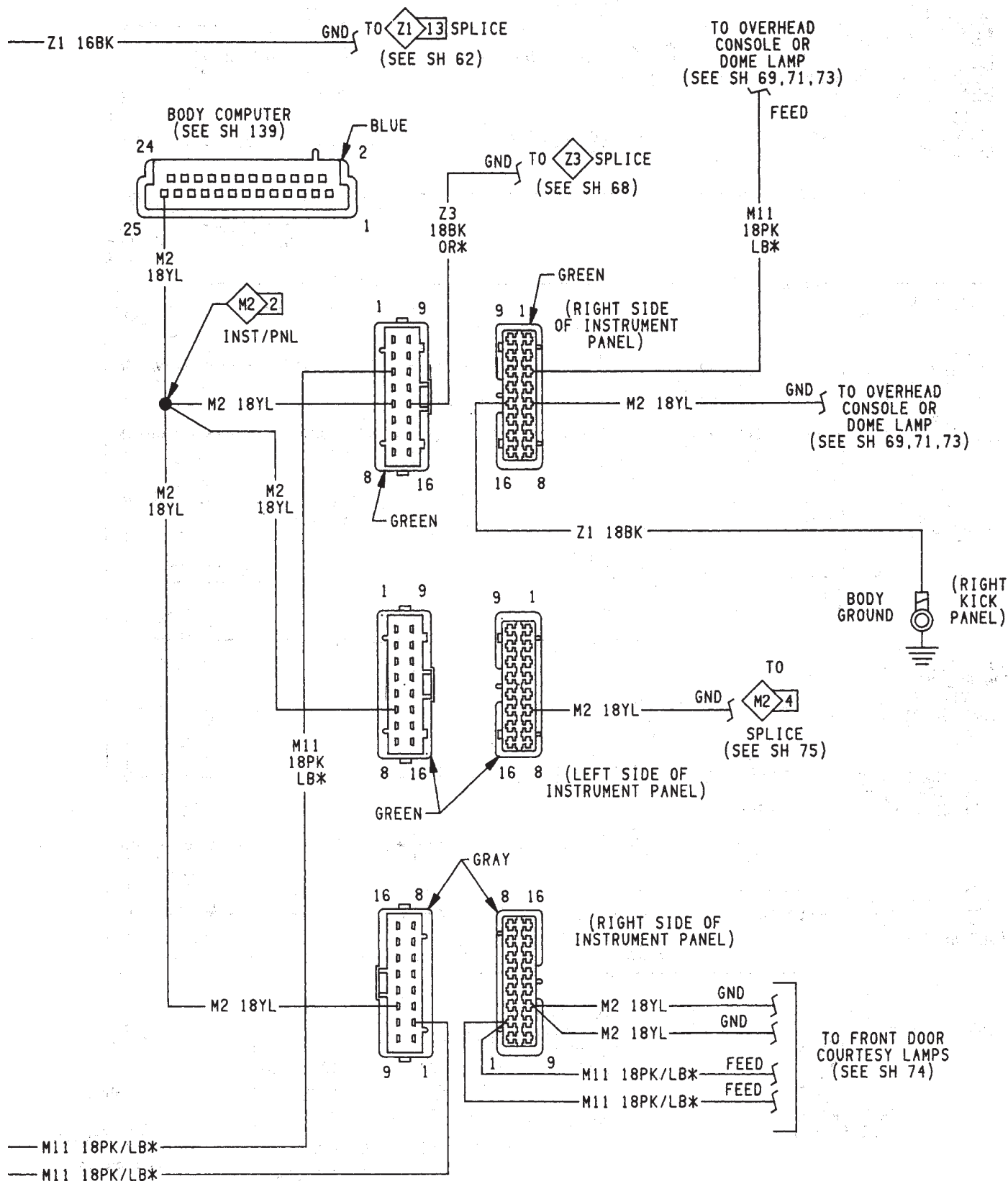




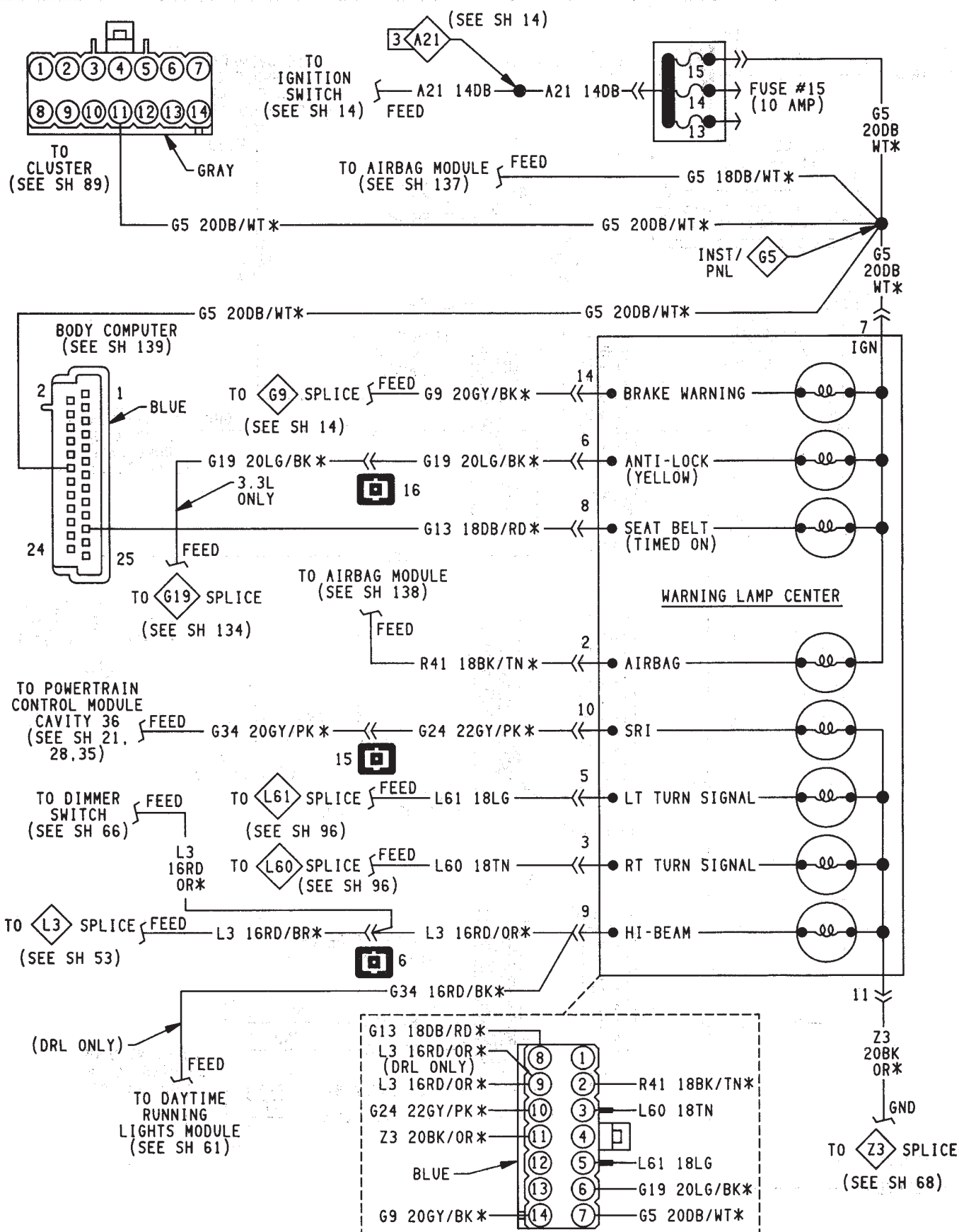


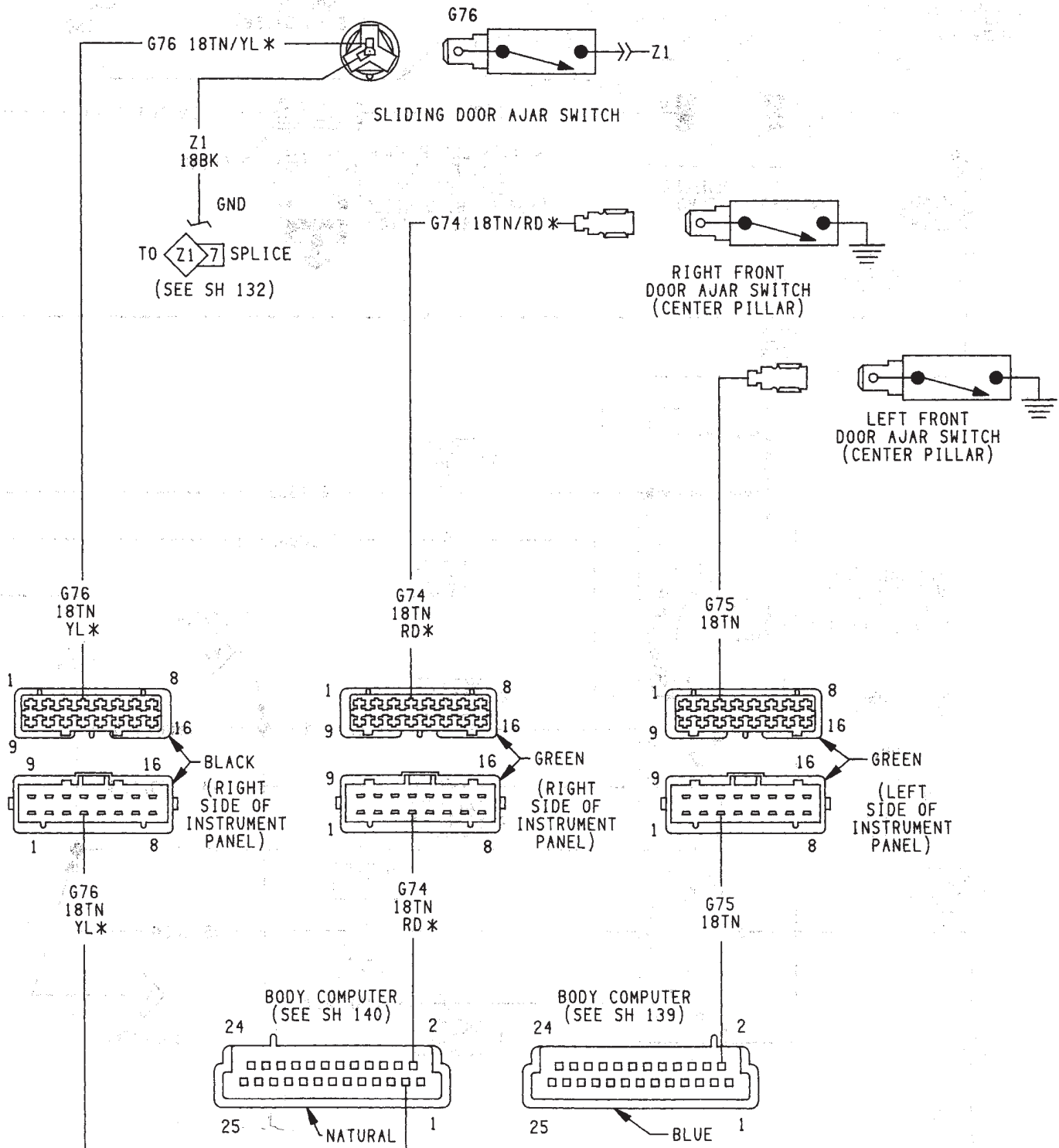


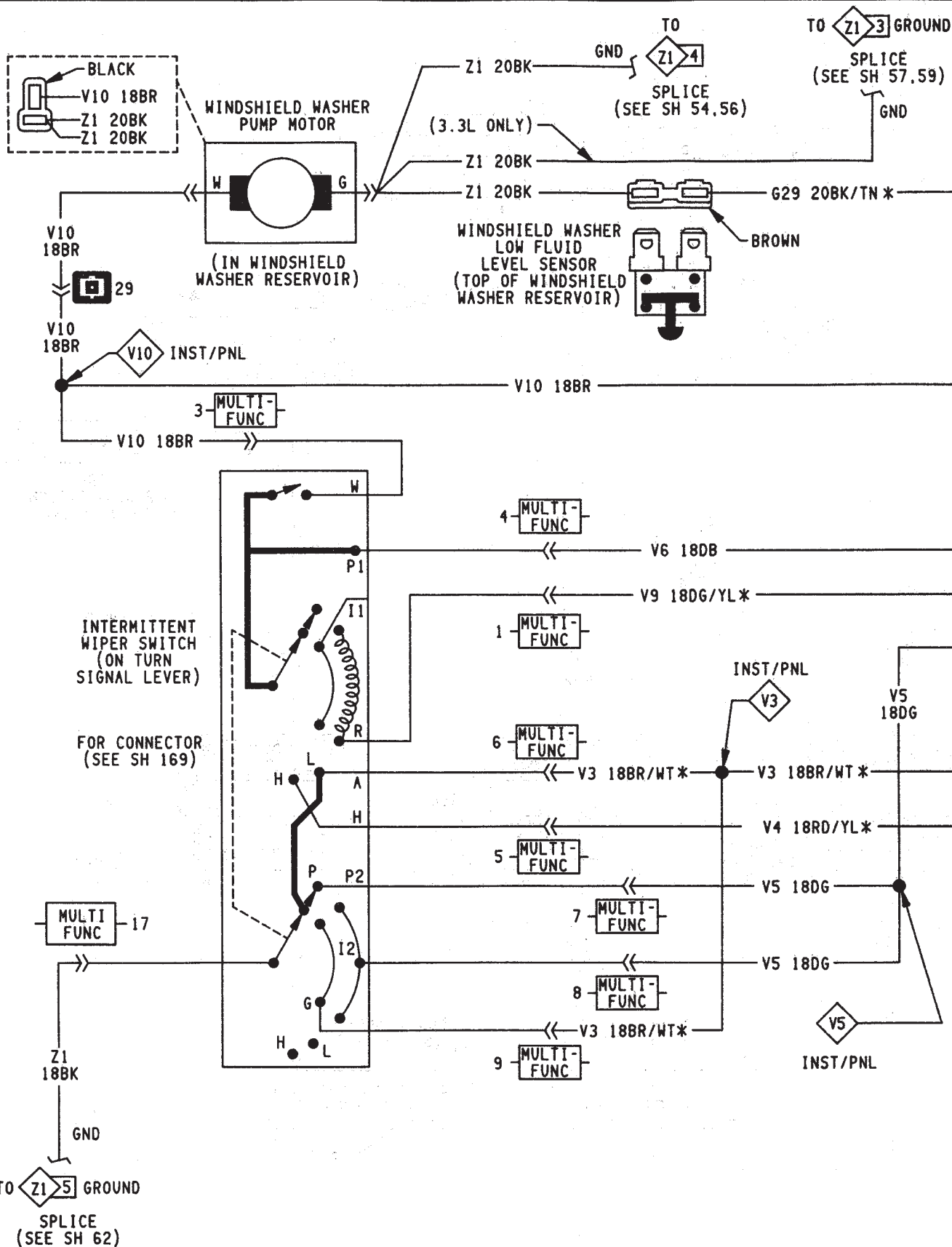


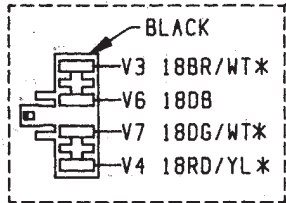


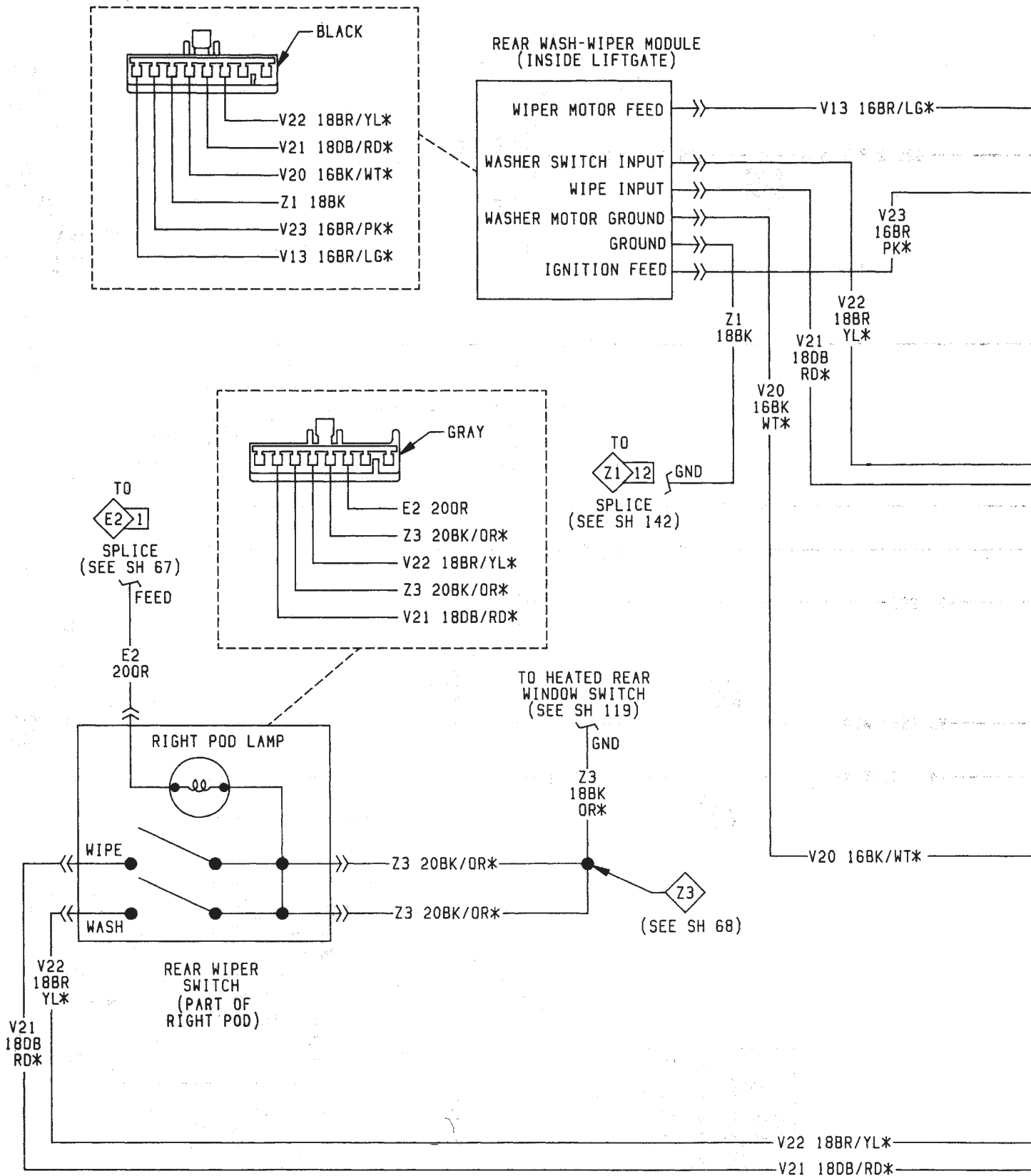


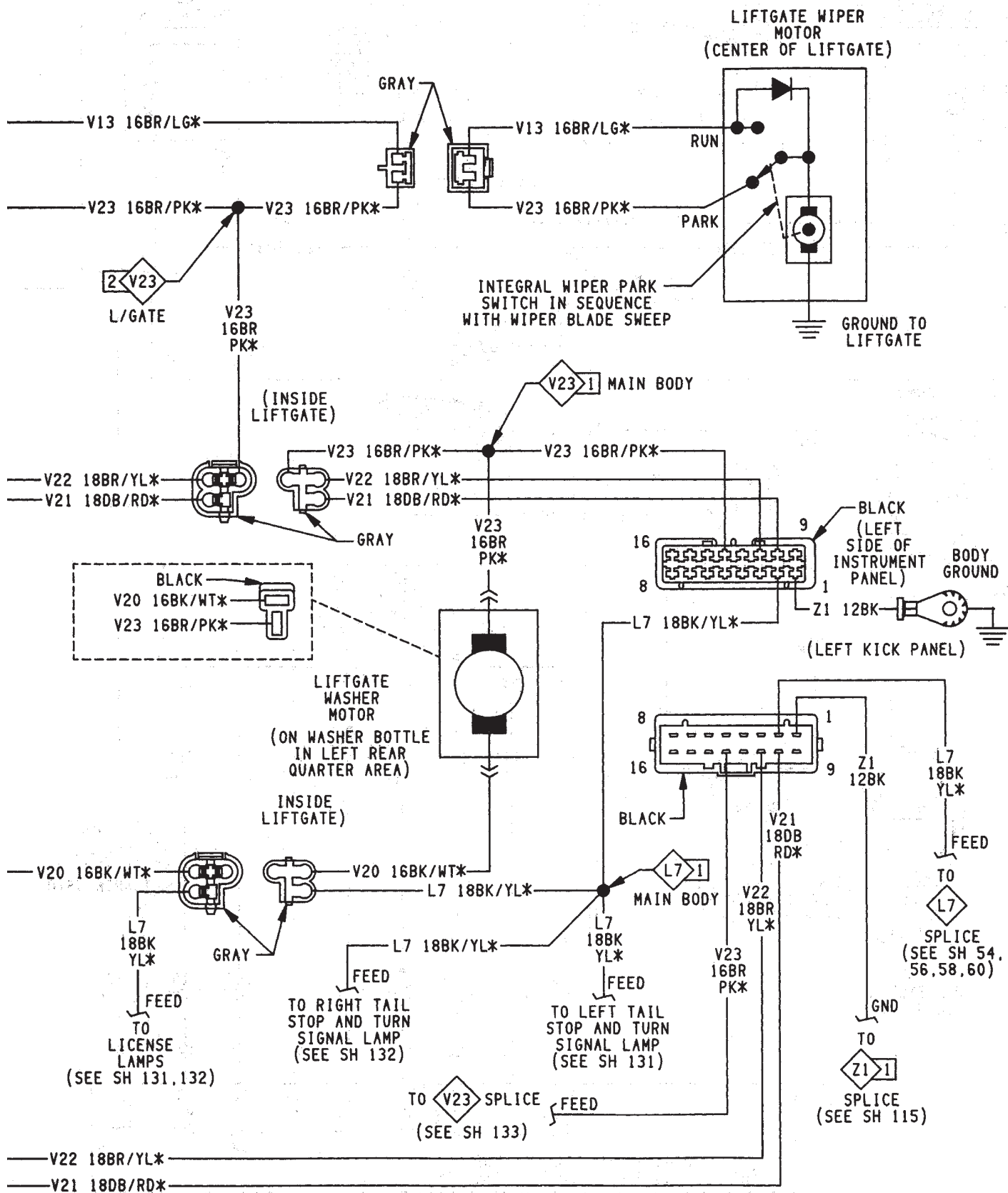




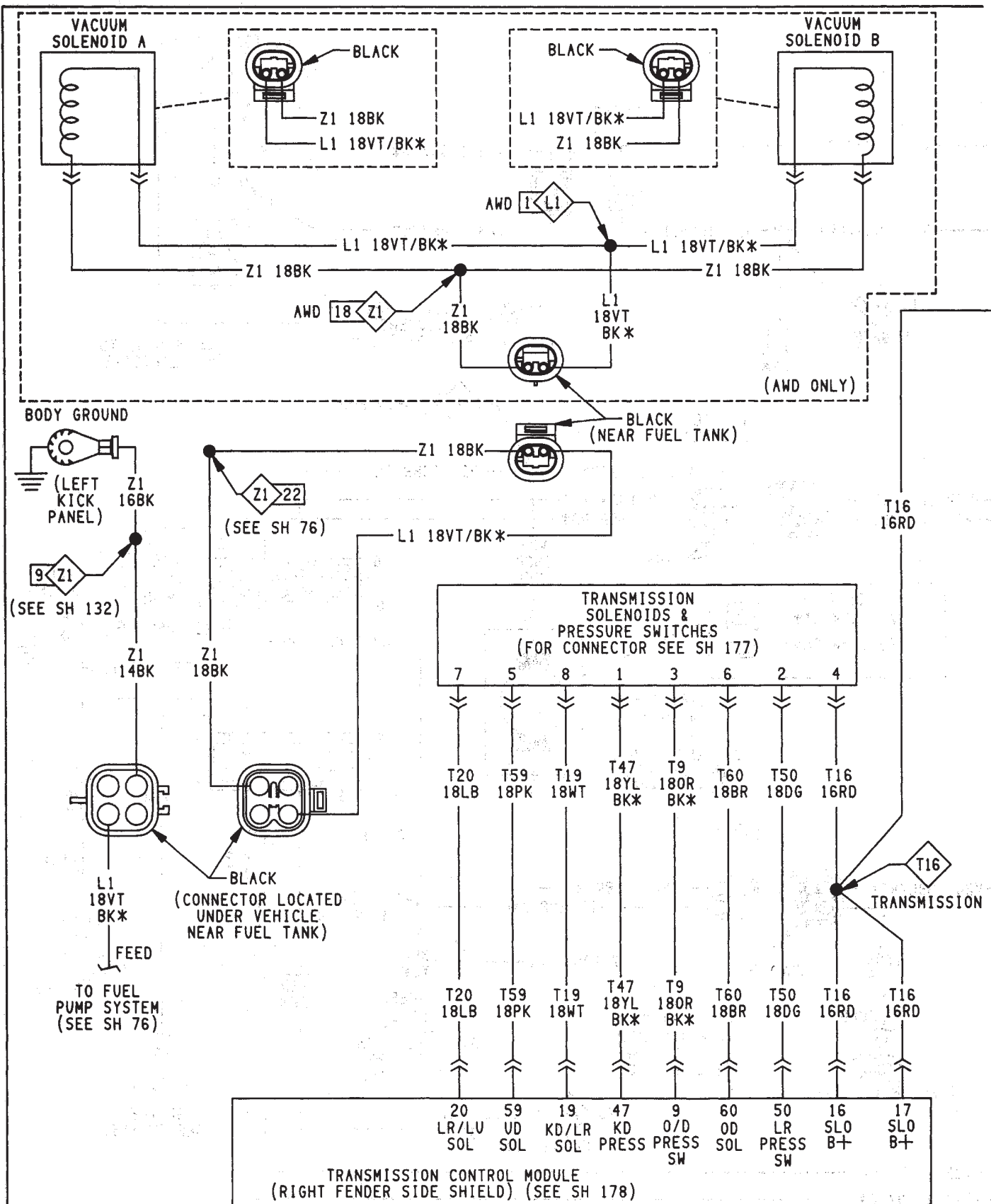


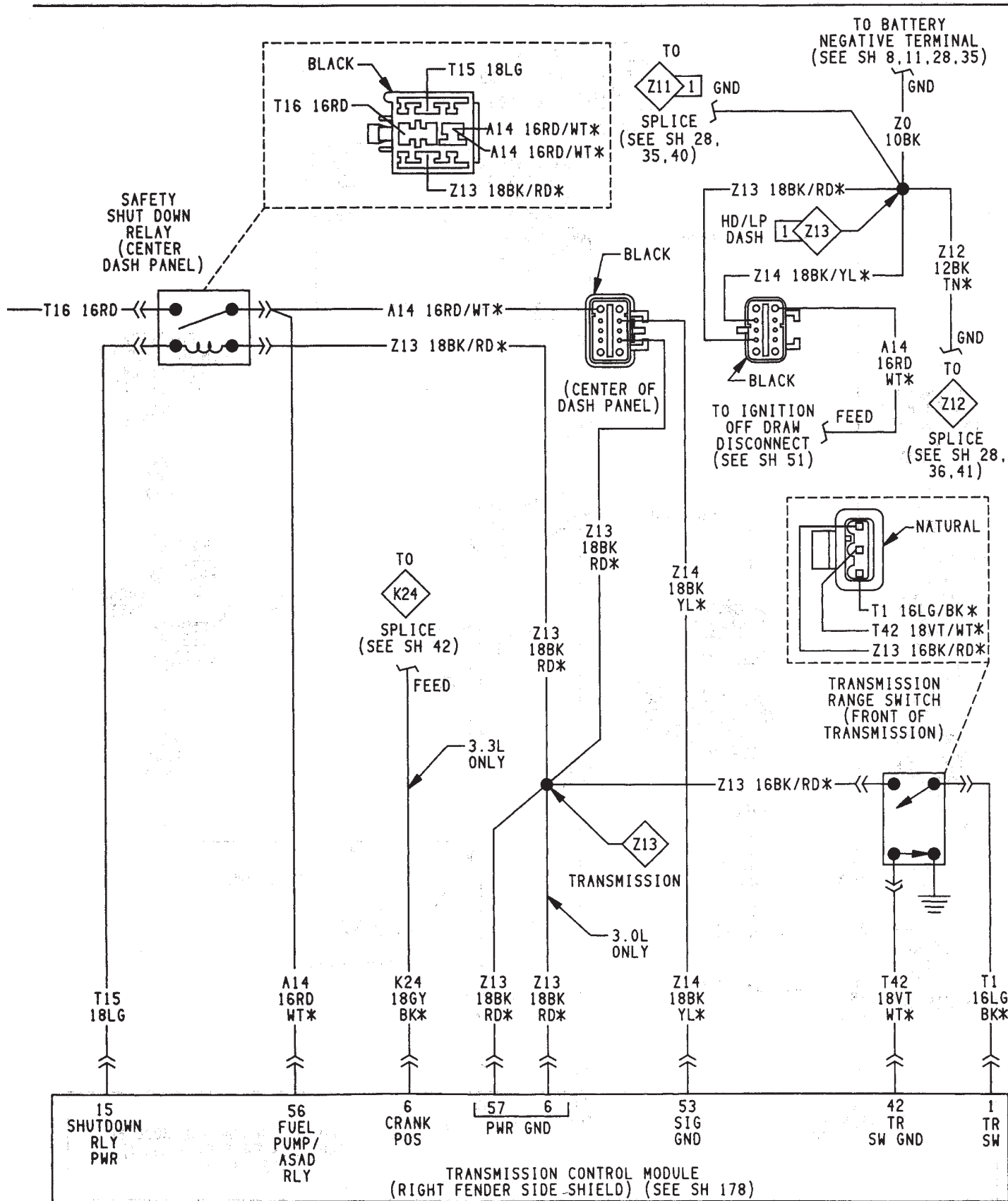


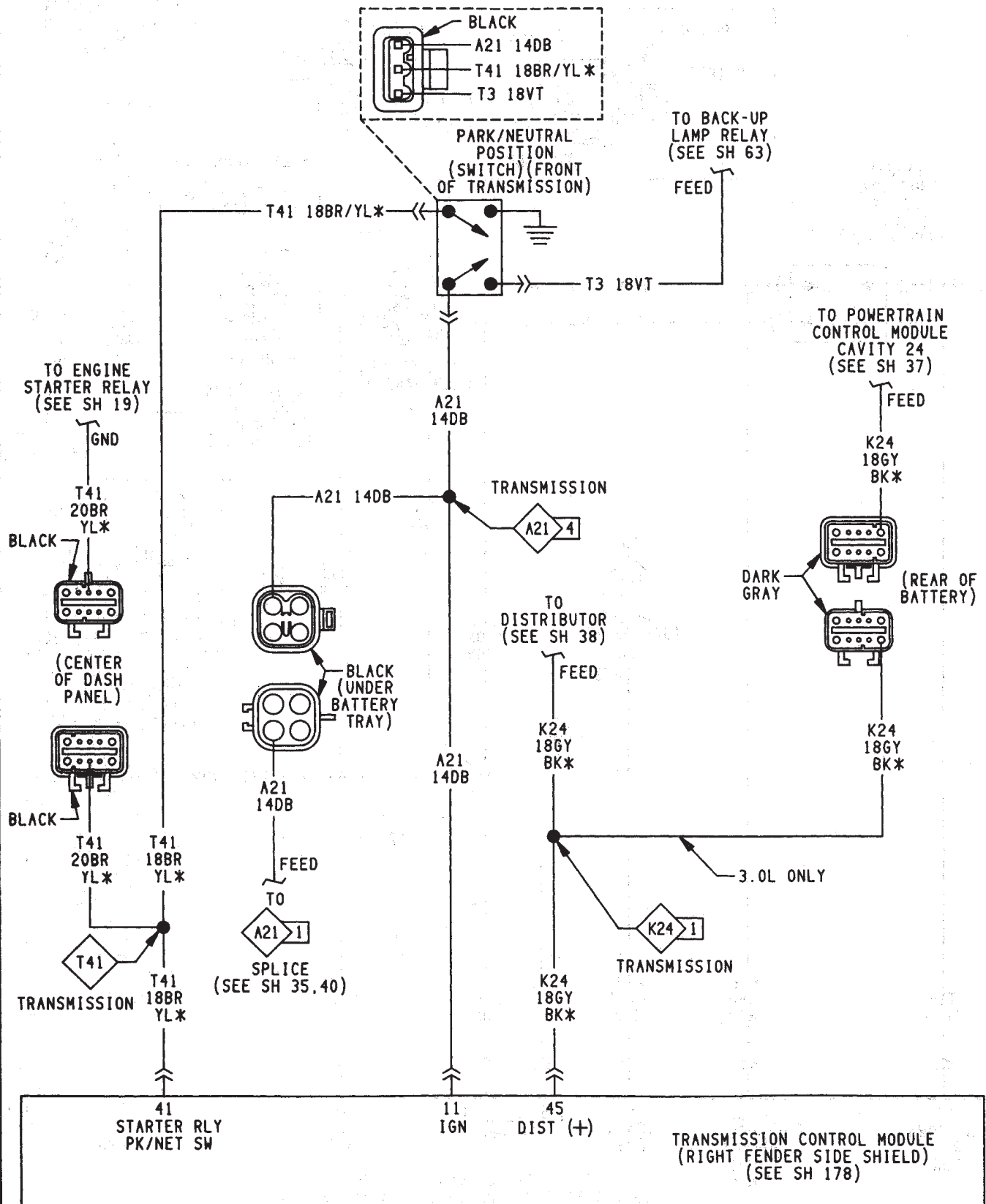


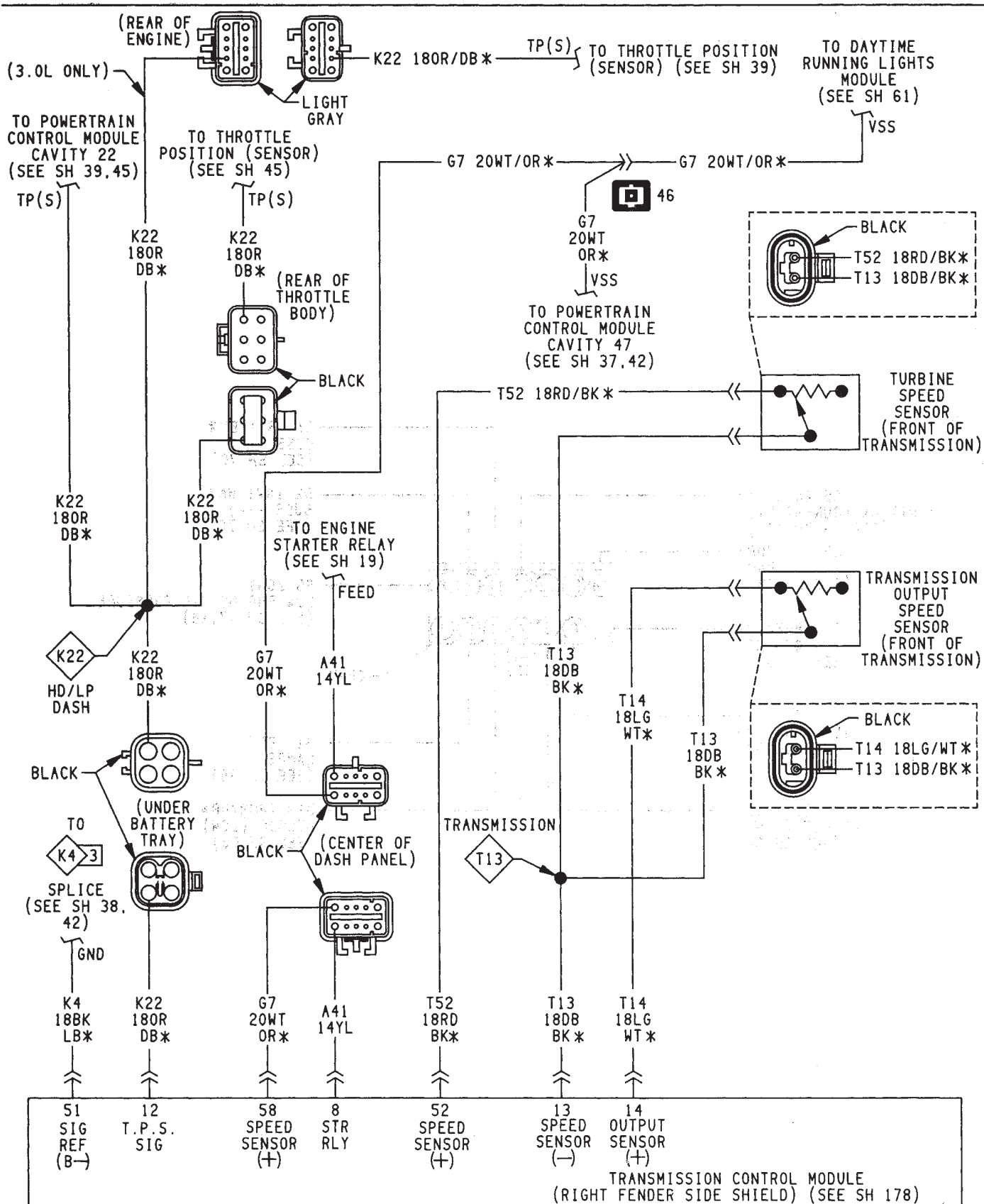


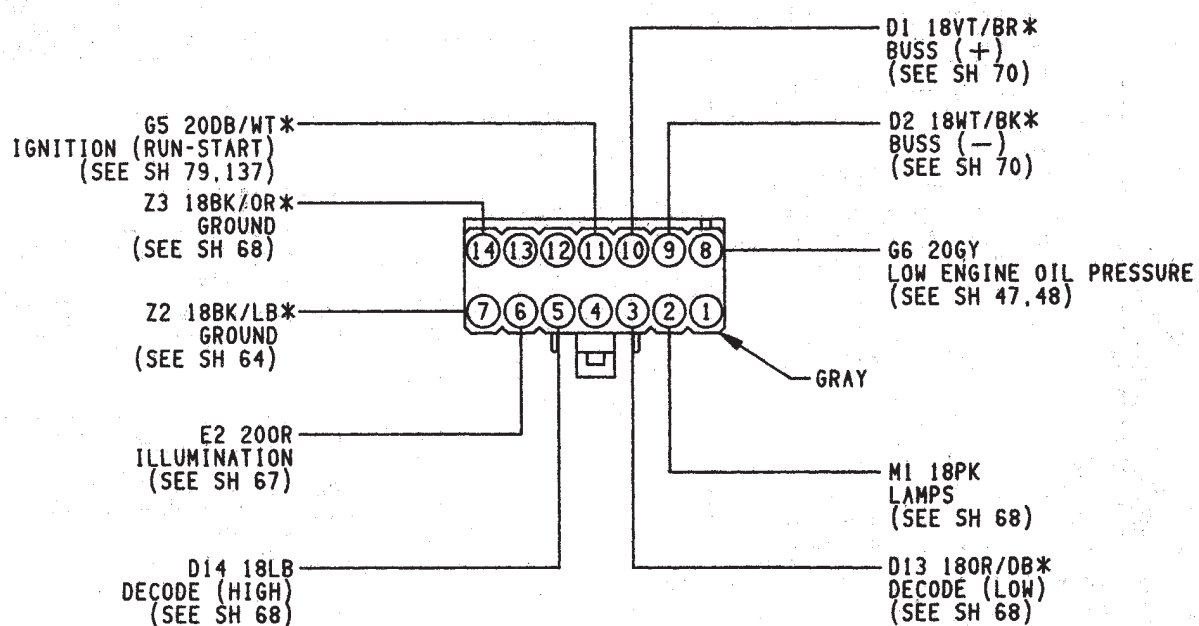


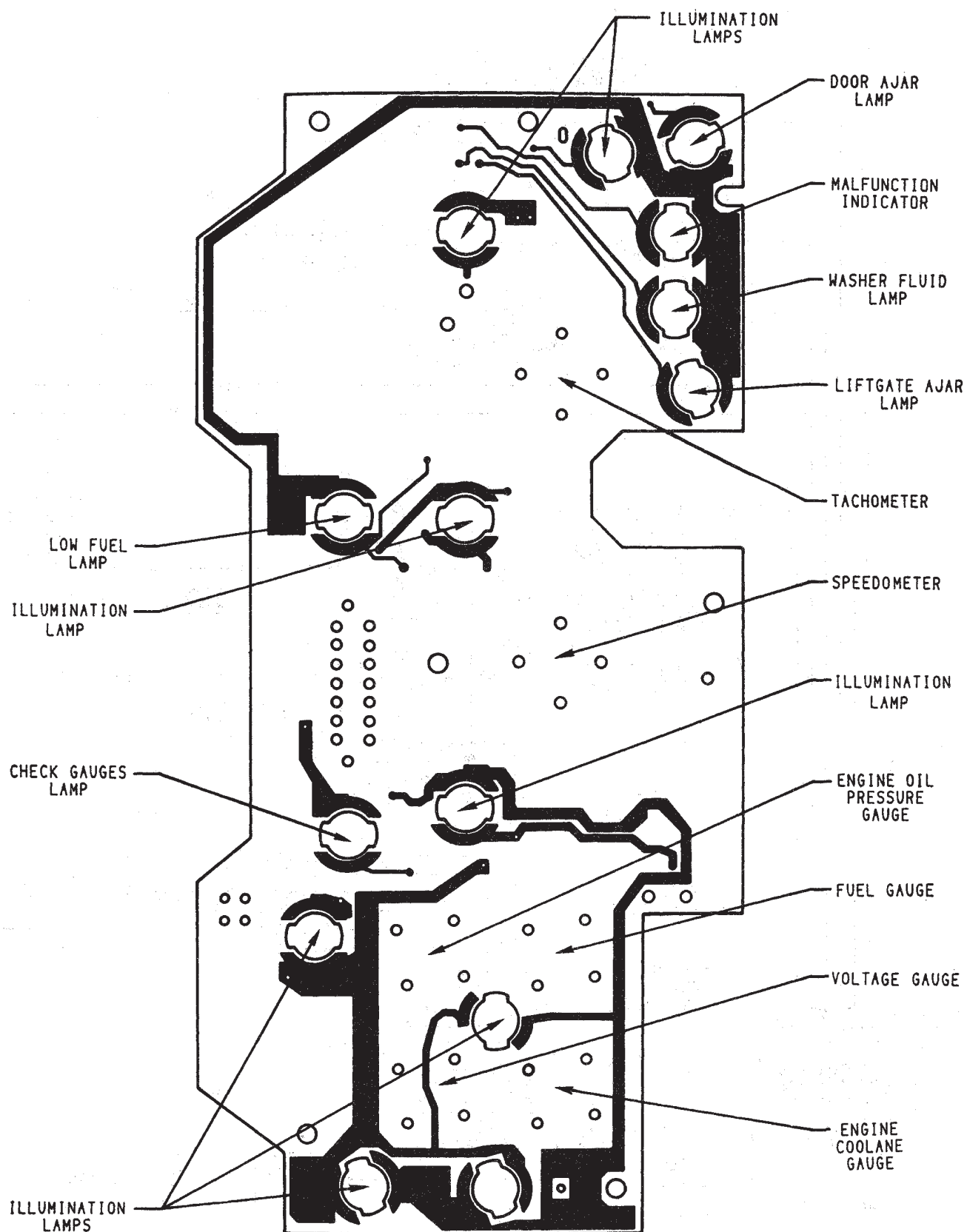








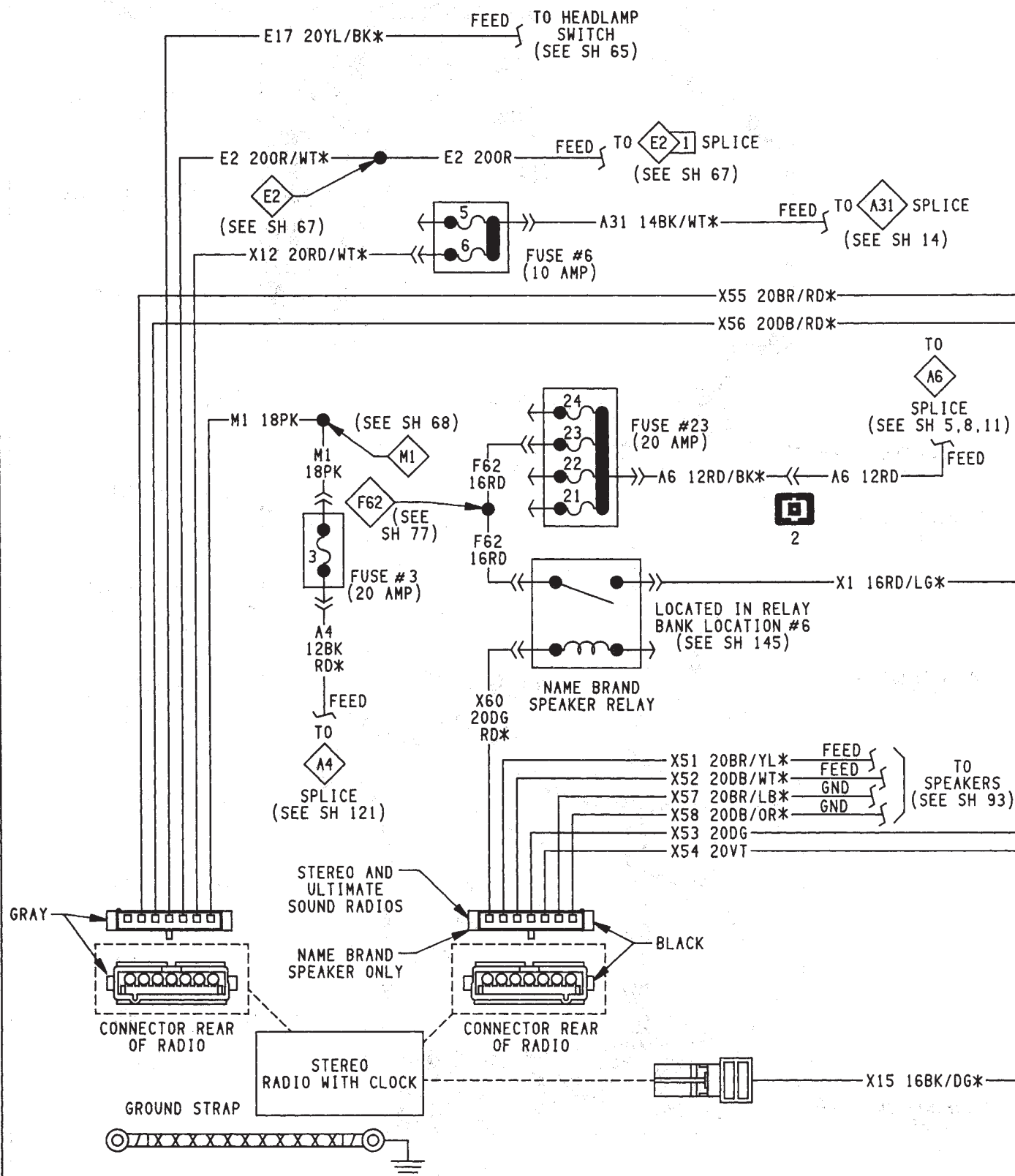




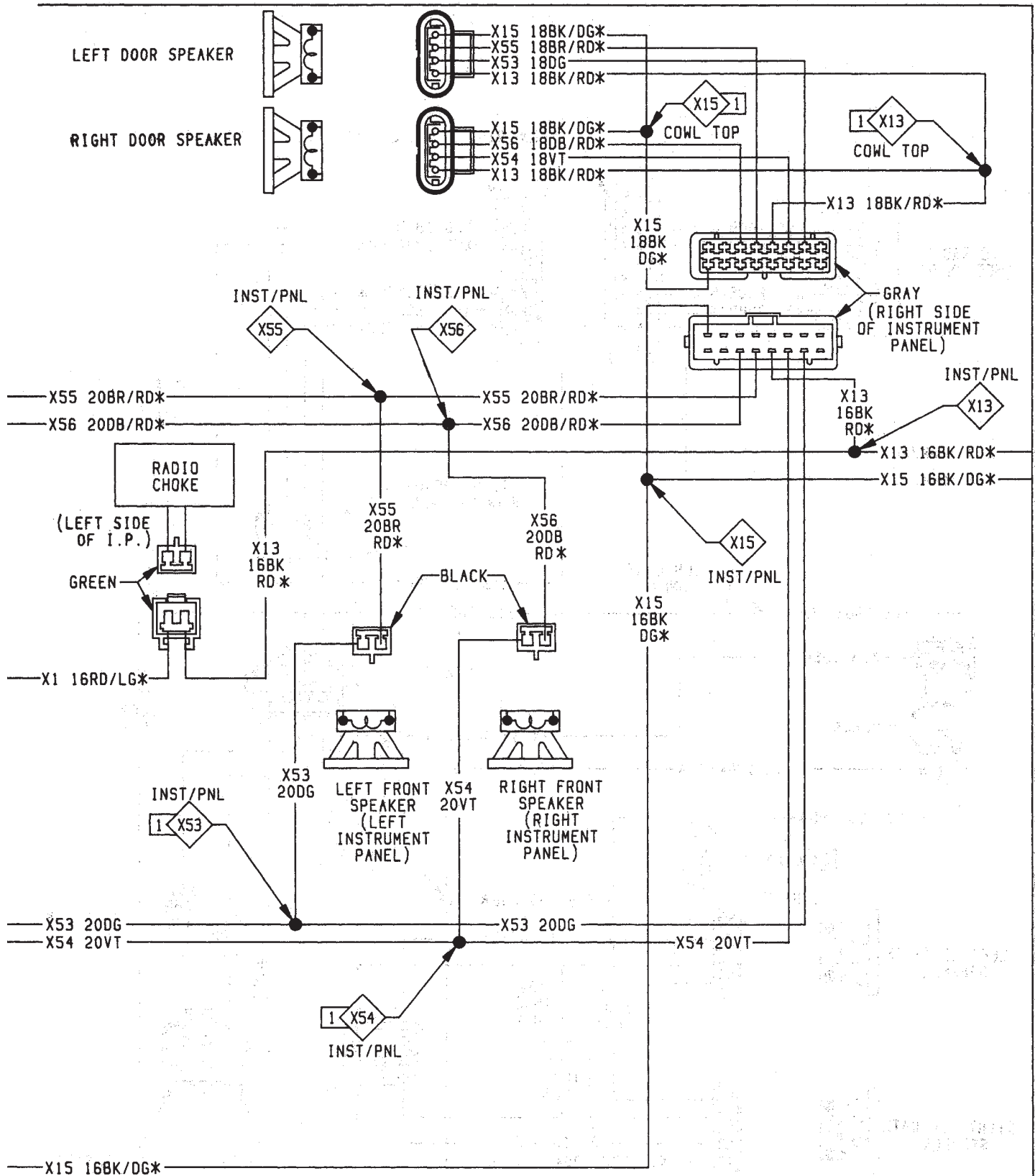
MECHANICAL CLUSTER  
PRINTED CIRCUIT BOARD

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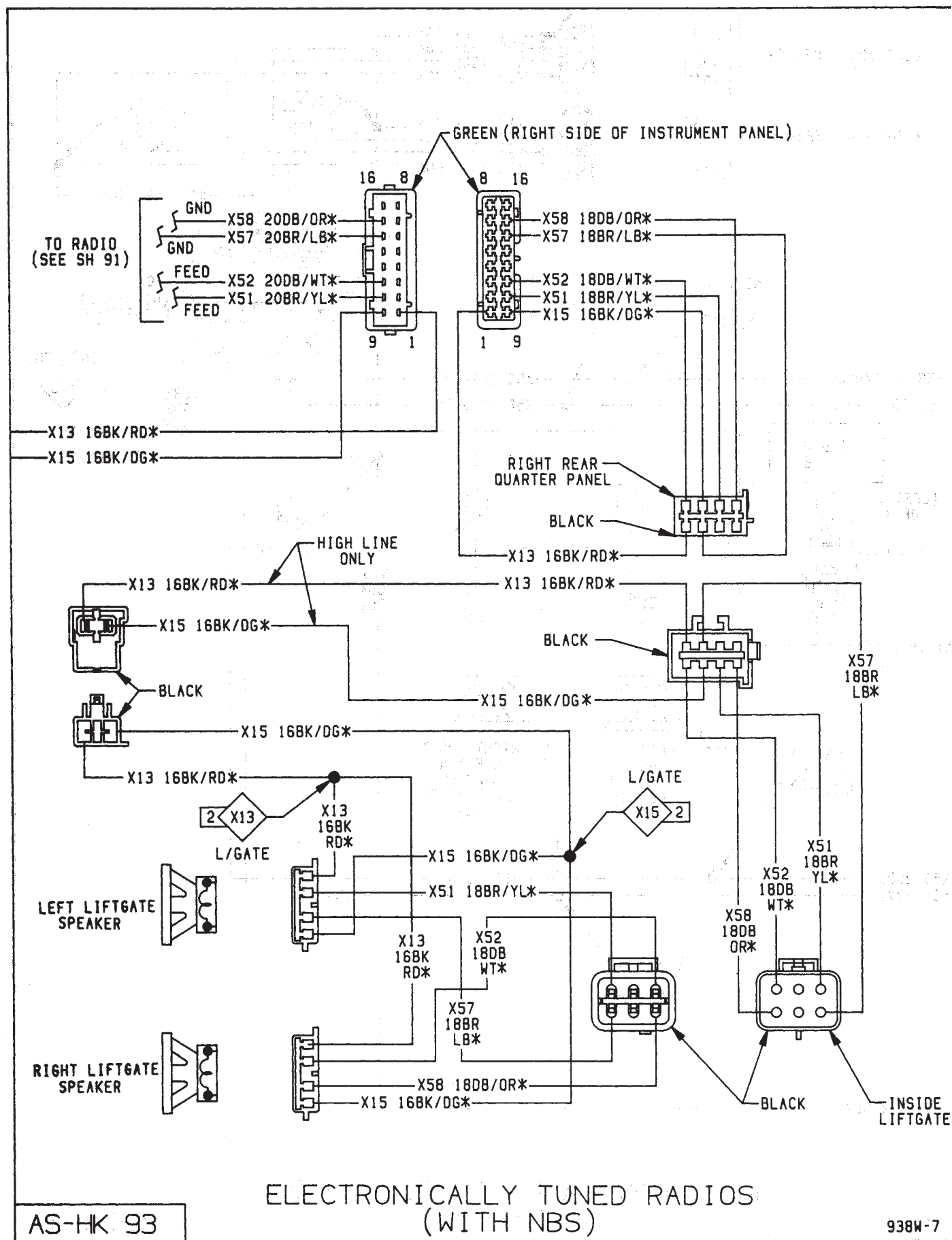
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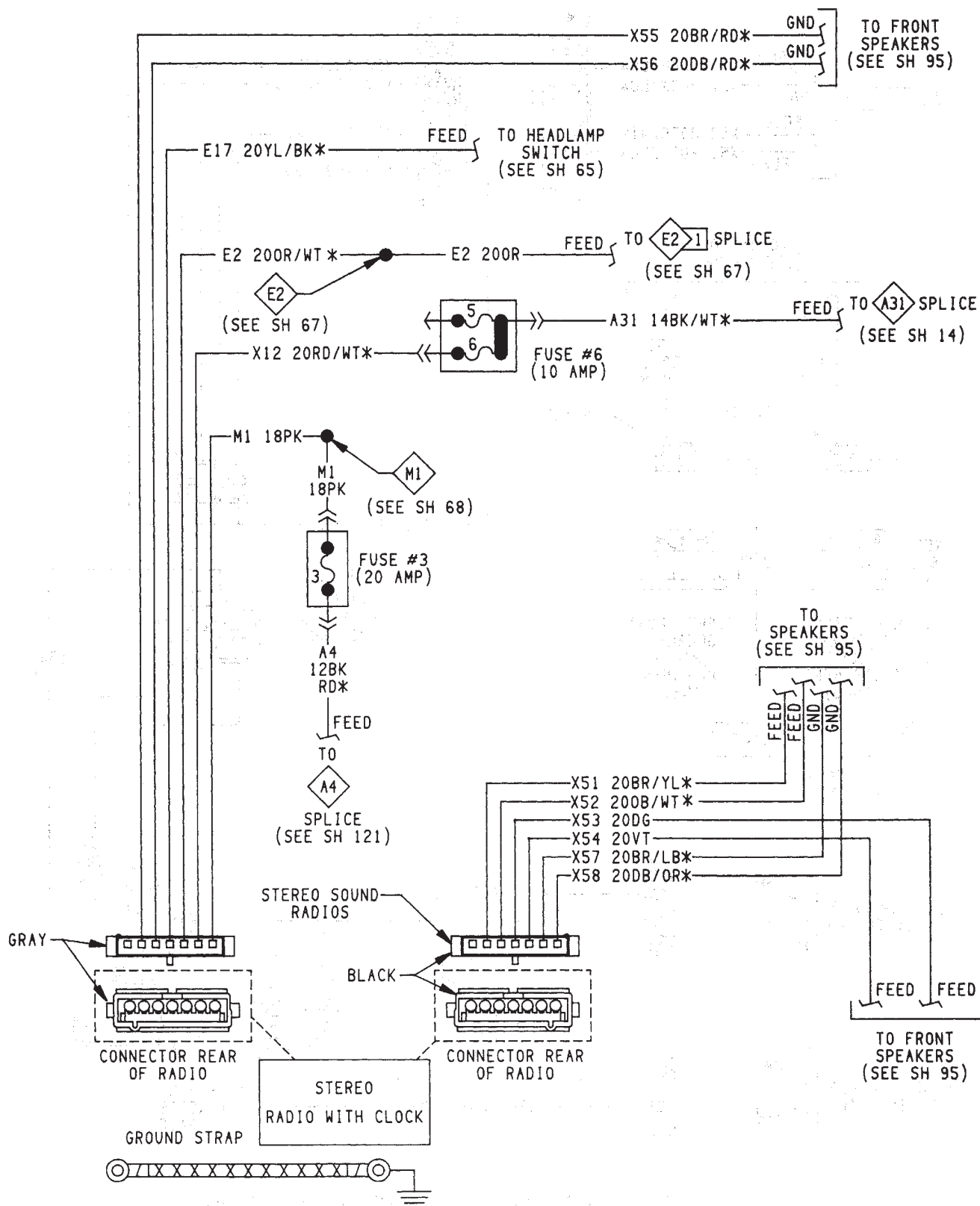


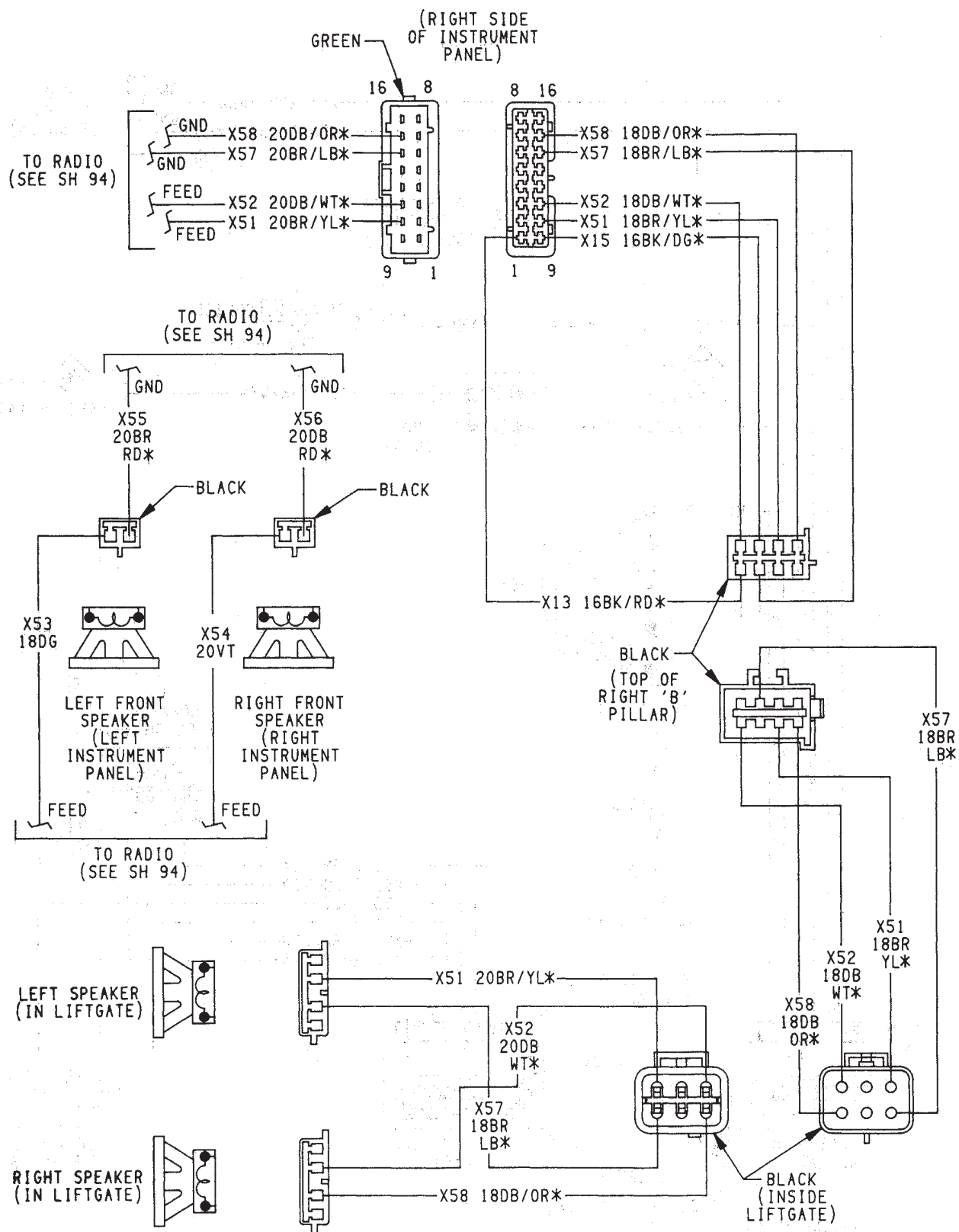




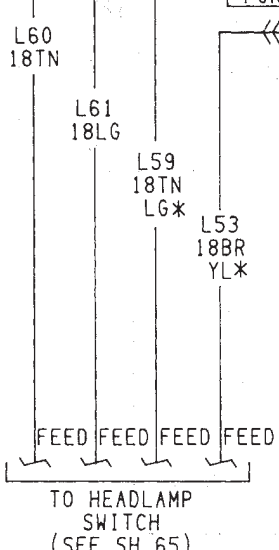
ELECTRONICALLY TUNED RADIOS  
(WITH NBS)

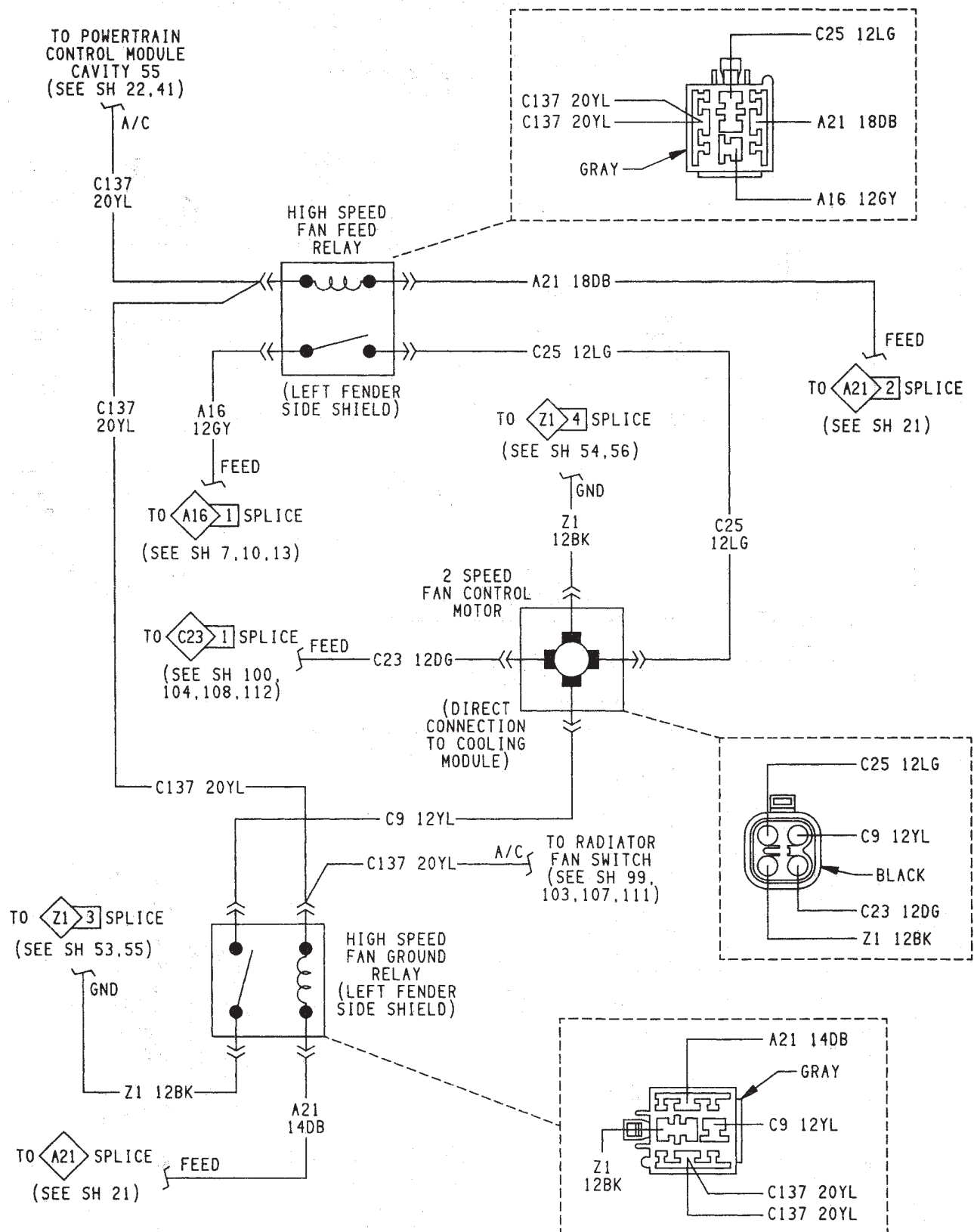




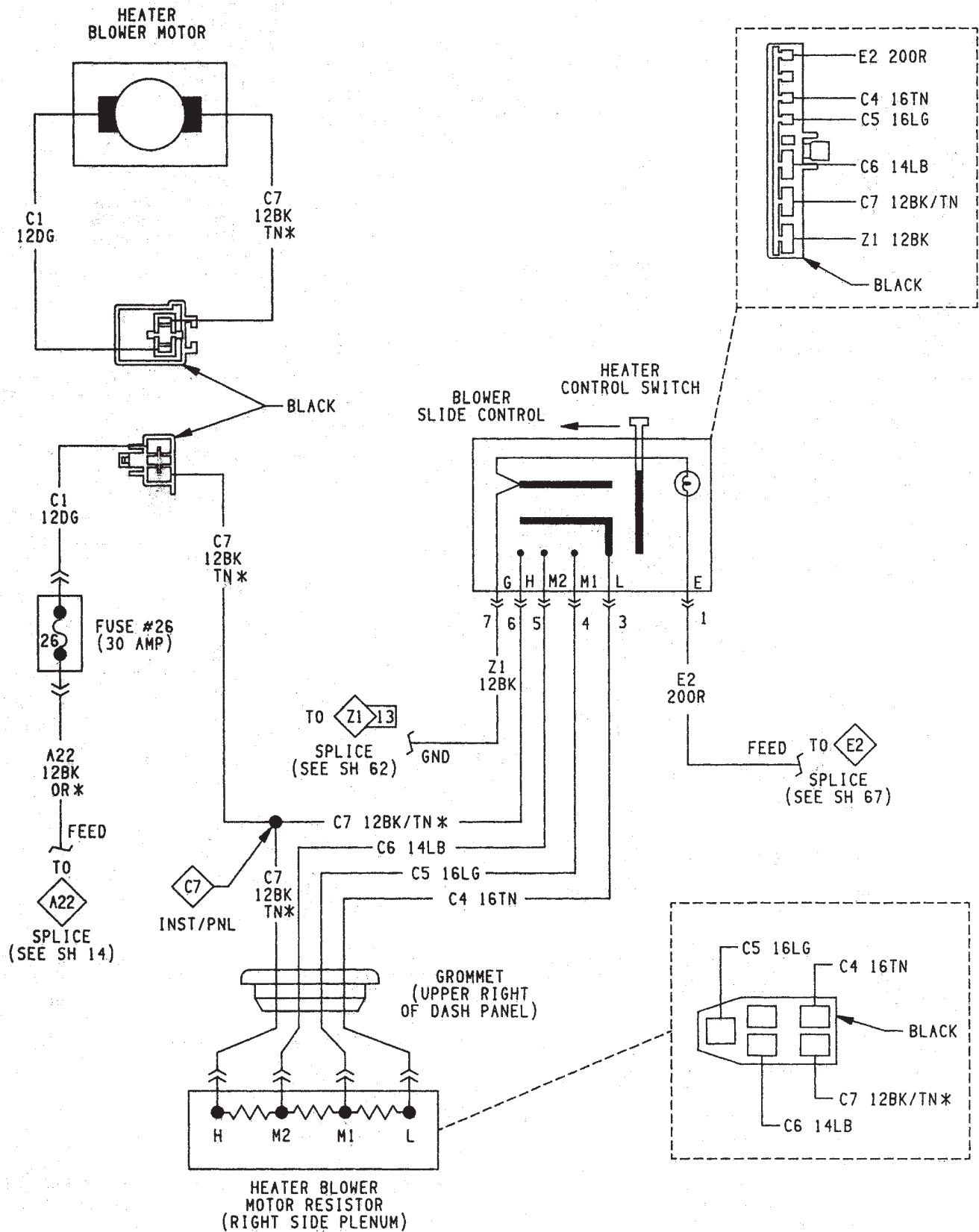


ELECTRONICALLY TUNED RADIOS  
(W/O NBS)

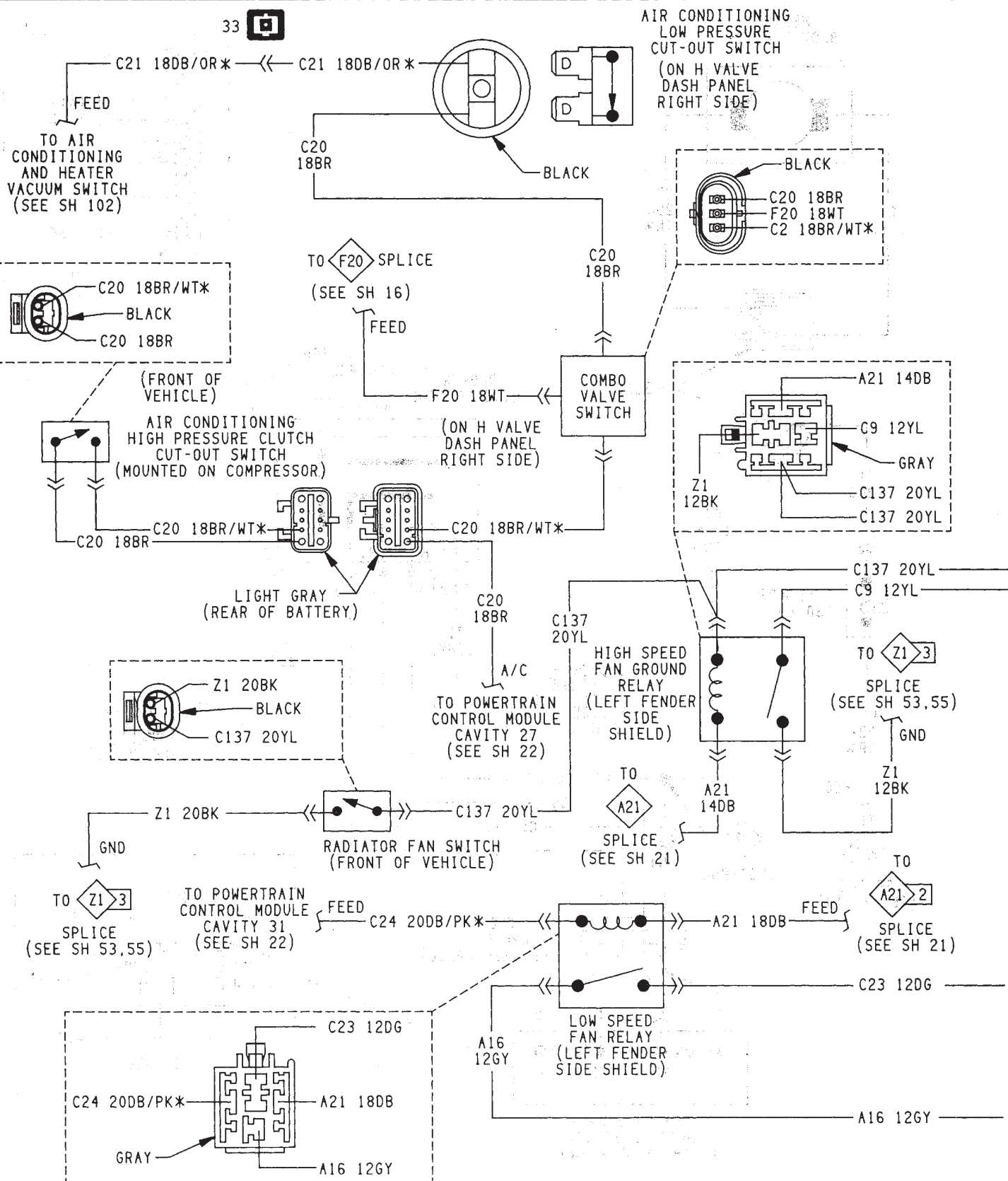




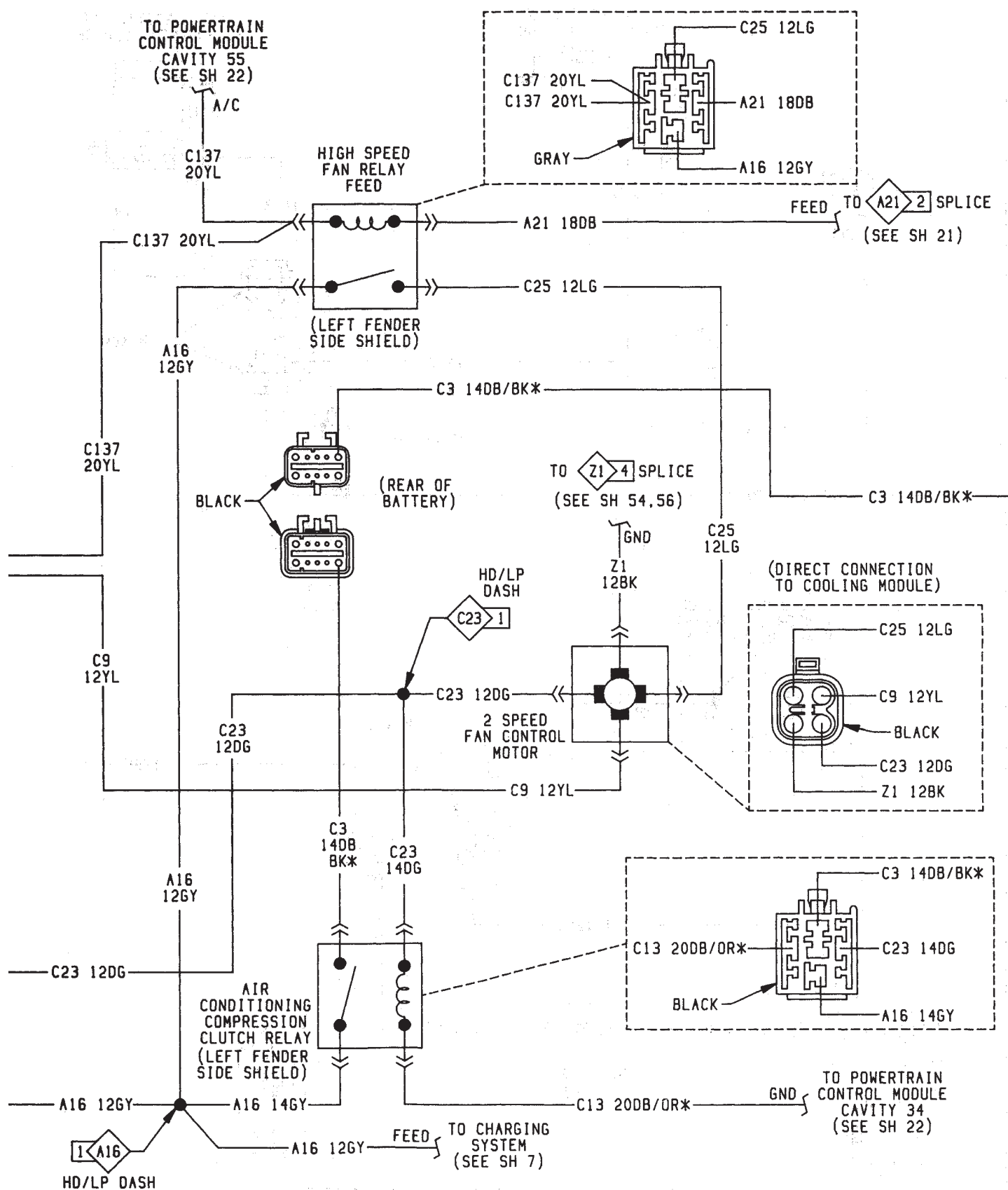
RADIATOR FAN SYSTEM WITH HEATER  
(2.5L, 3.0L & 3.3L ENGINE)



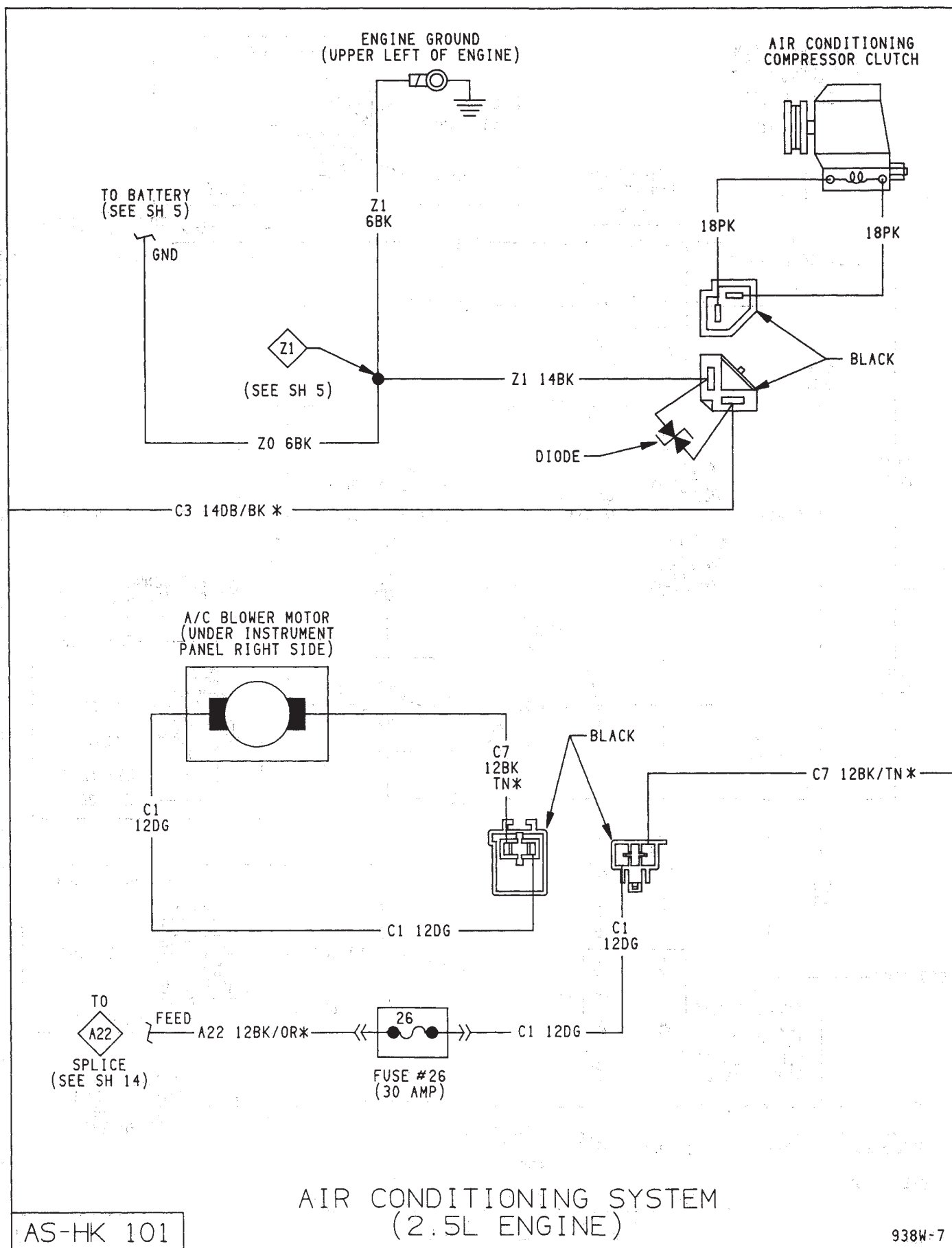


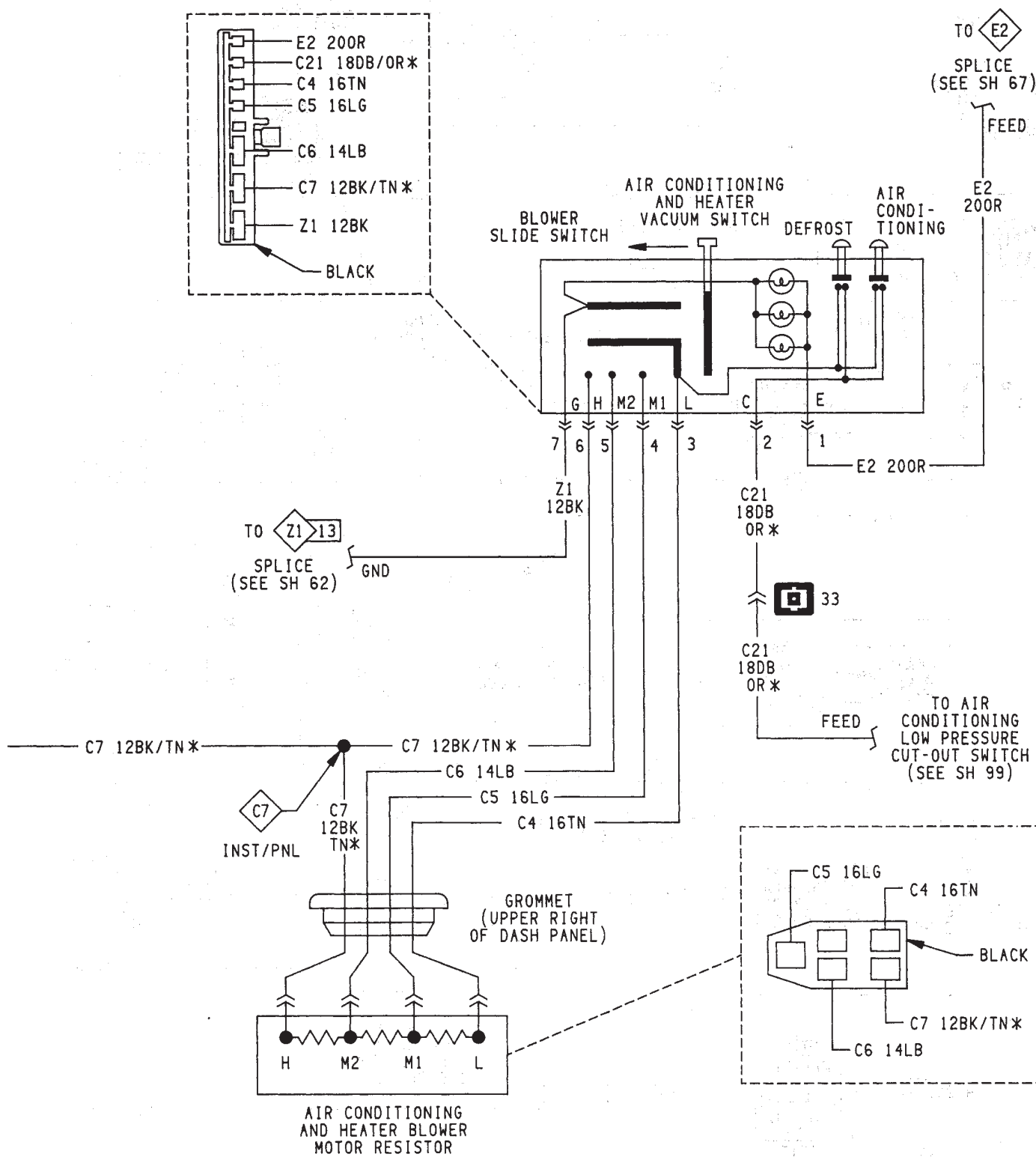


AIR CONDITIONING SYSTEM  
(2.5L ENGINE)

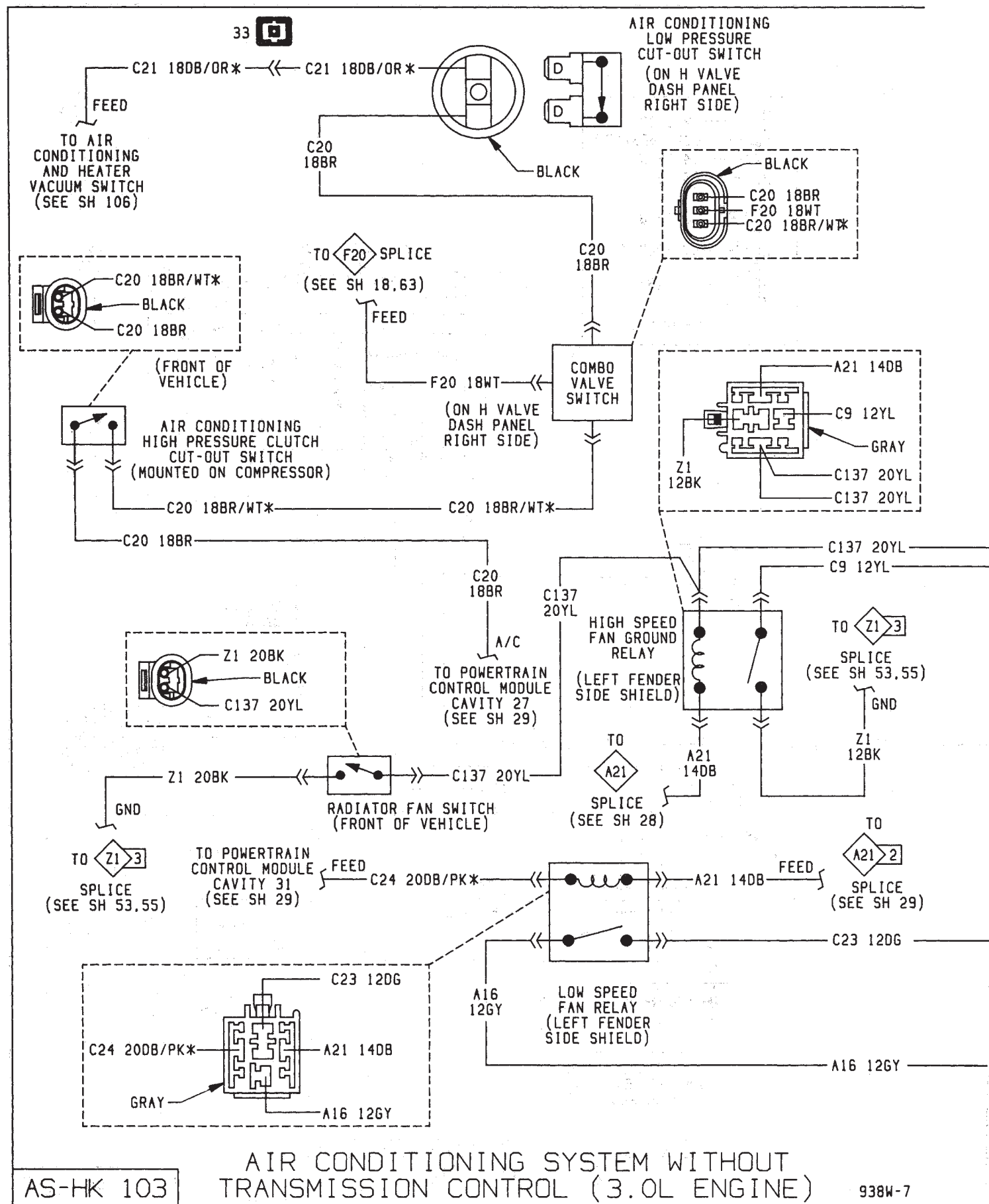


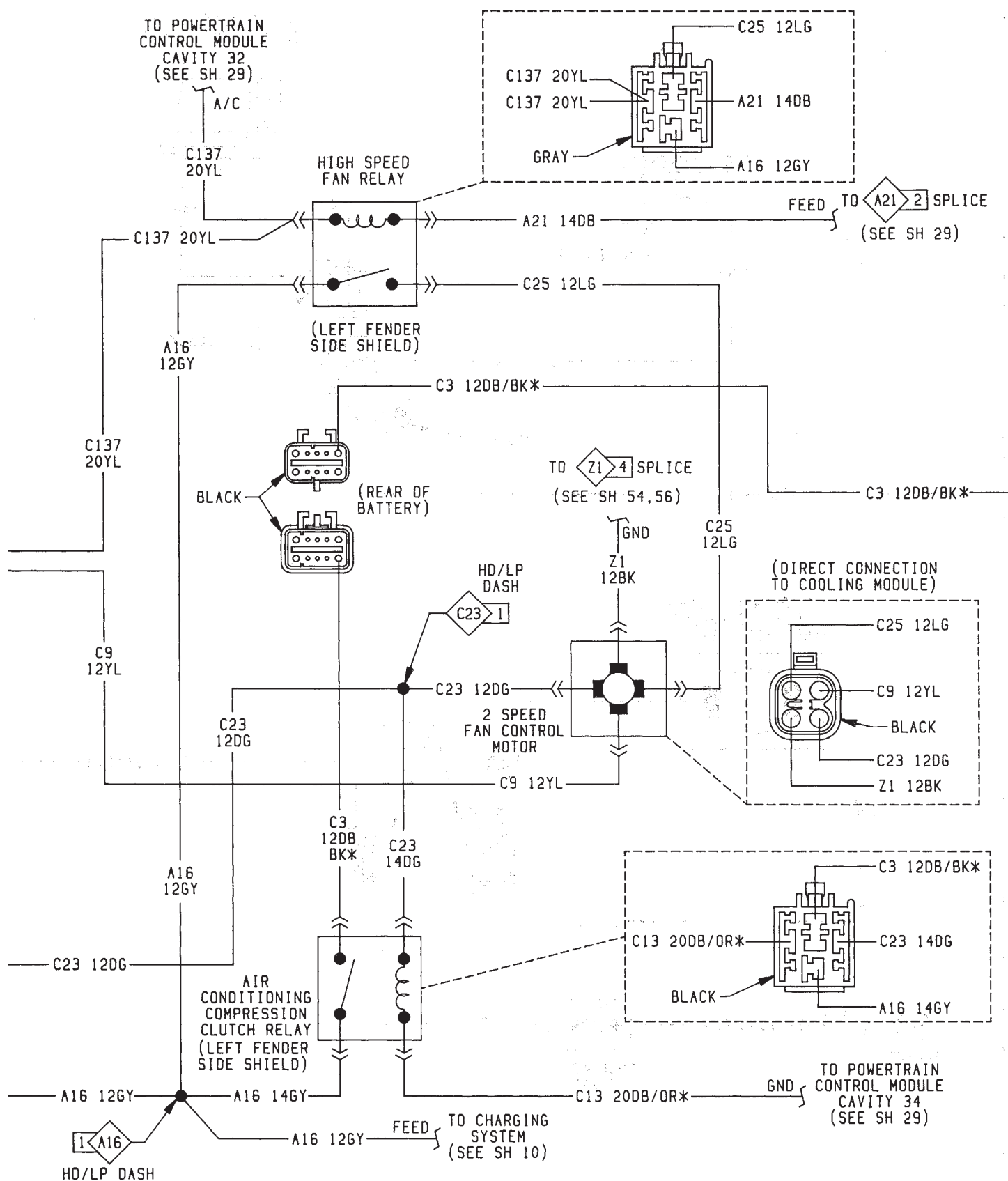
# AIR CONDITIONING SYSTEM (2.5L ENGINE)



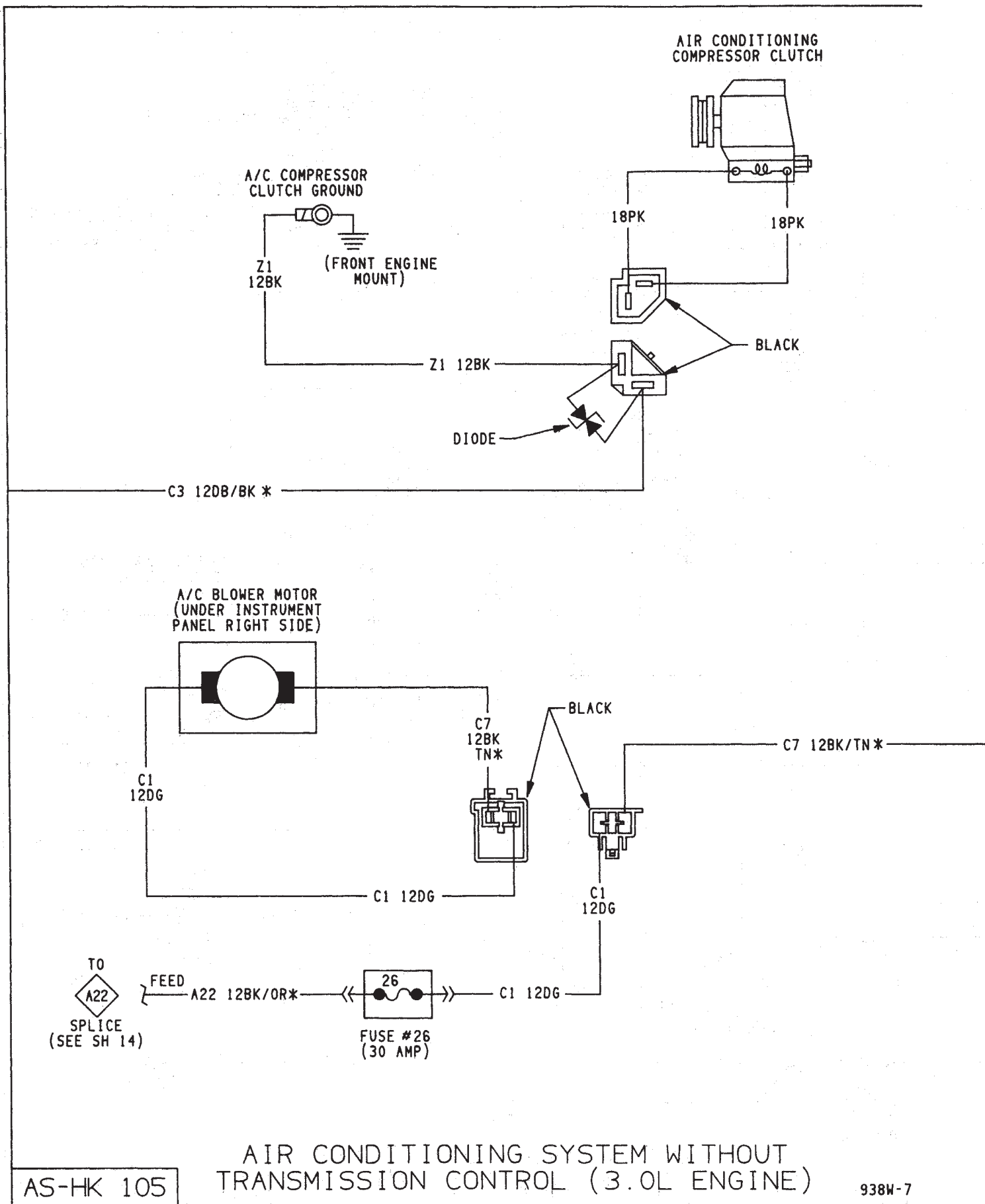


AIR CONDITIONING SYSTEM  
(2.5L ENGINE)

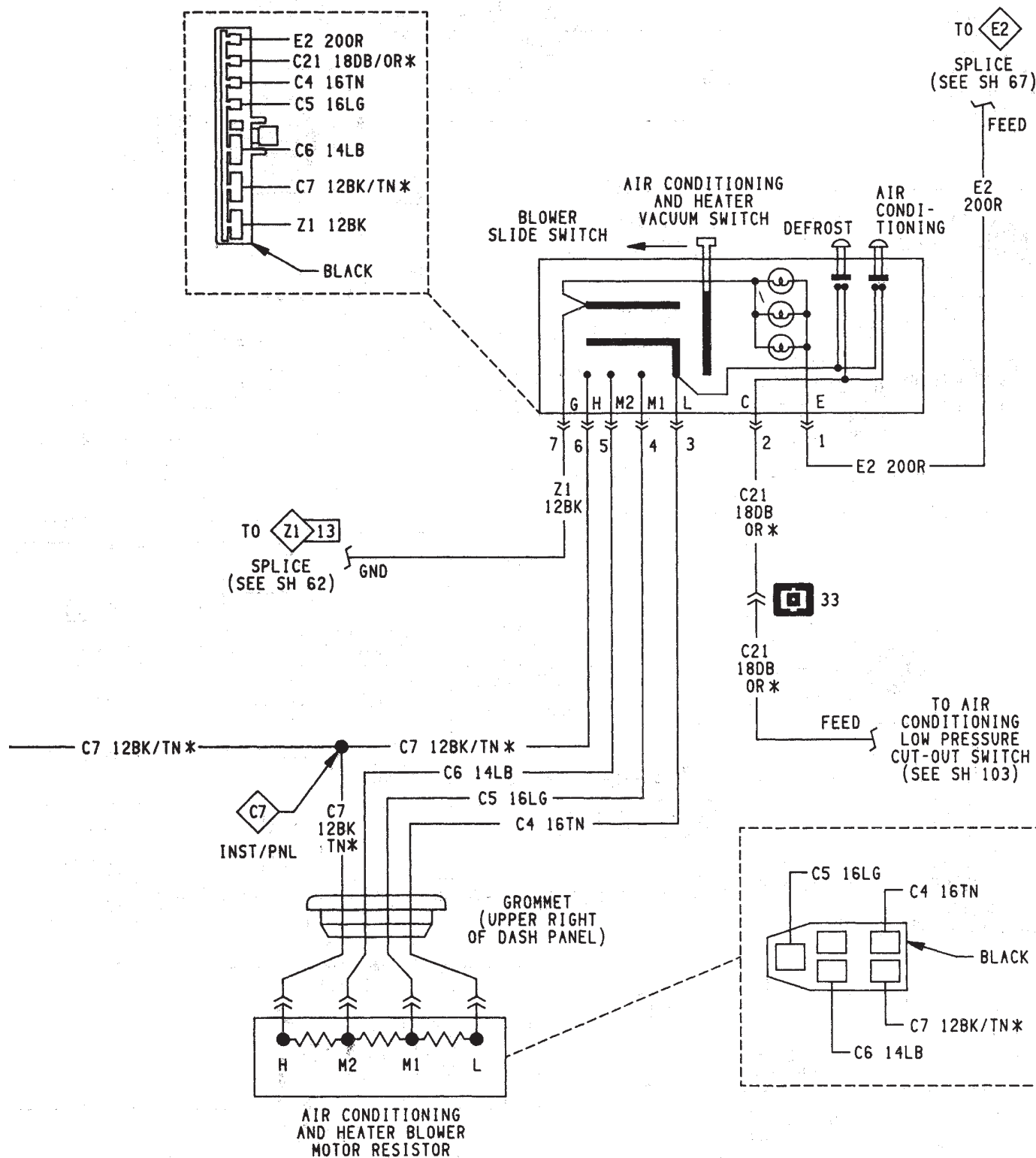




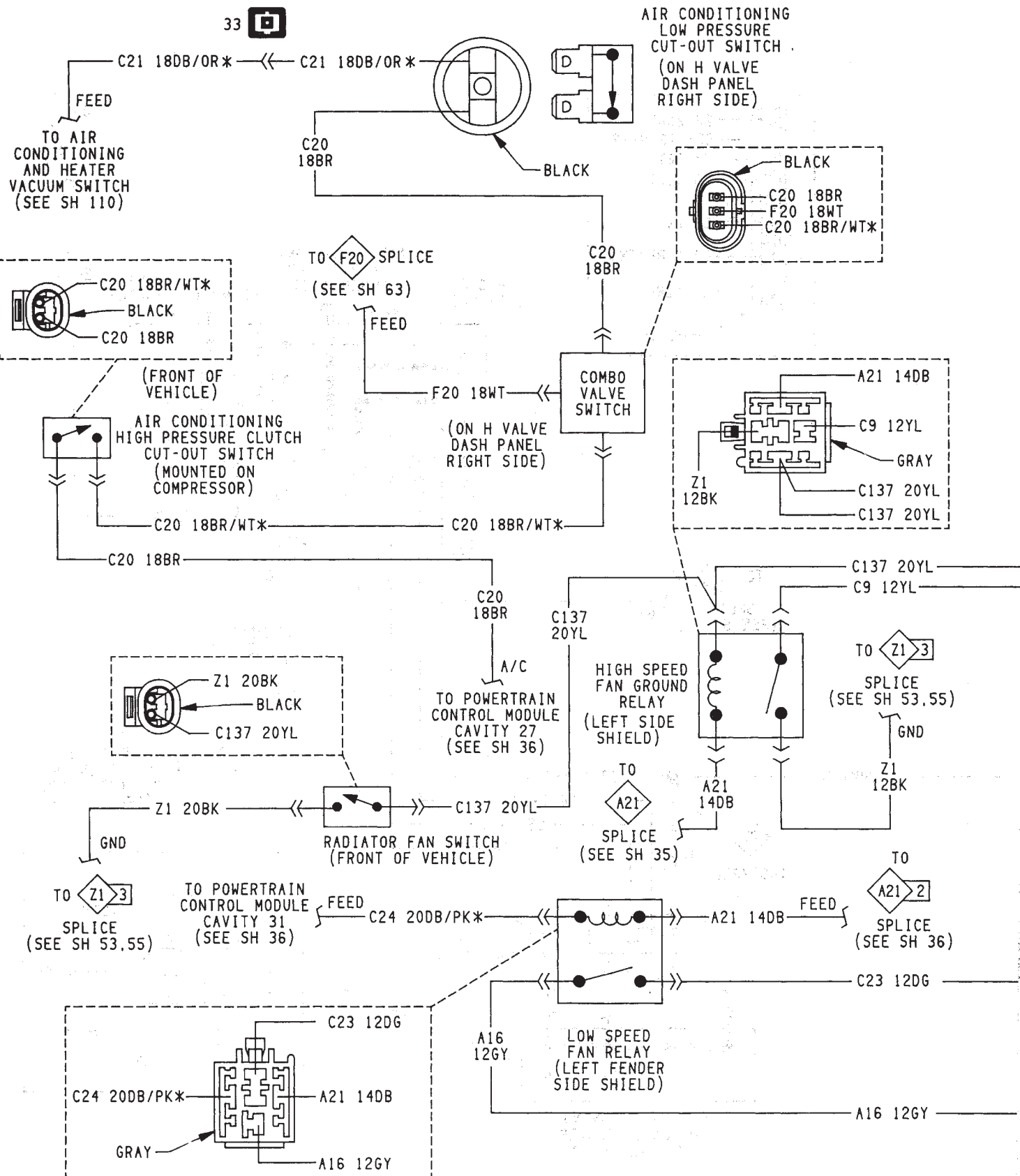
AIR CONDITIONING SYSTEM WITHOUT TRANSMISSION CONTROL (3.0L ENGINE)

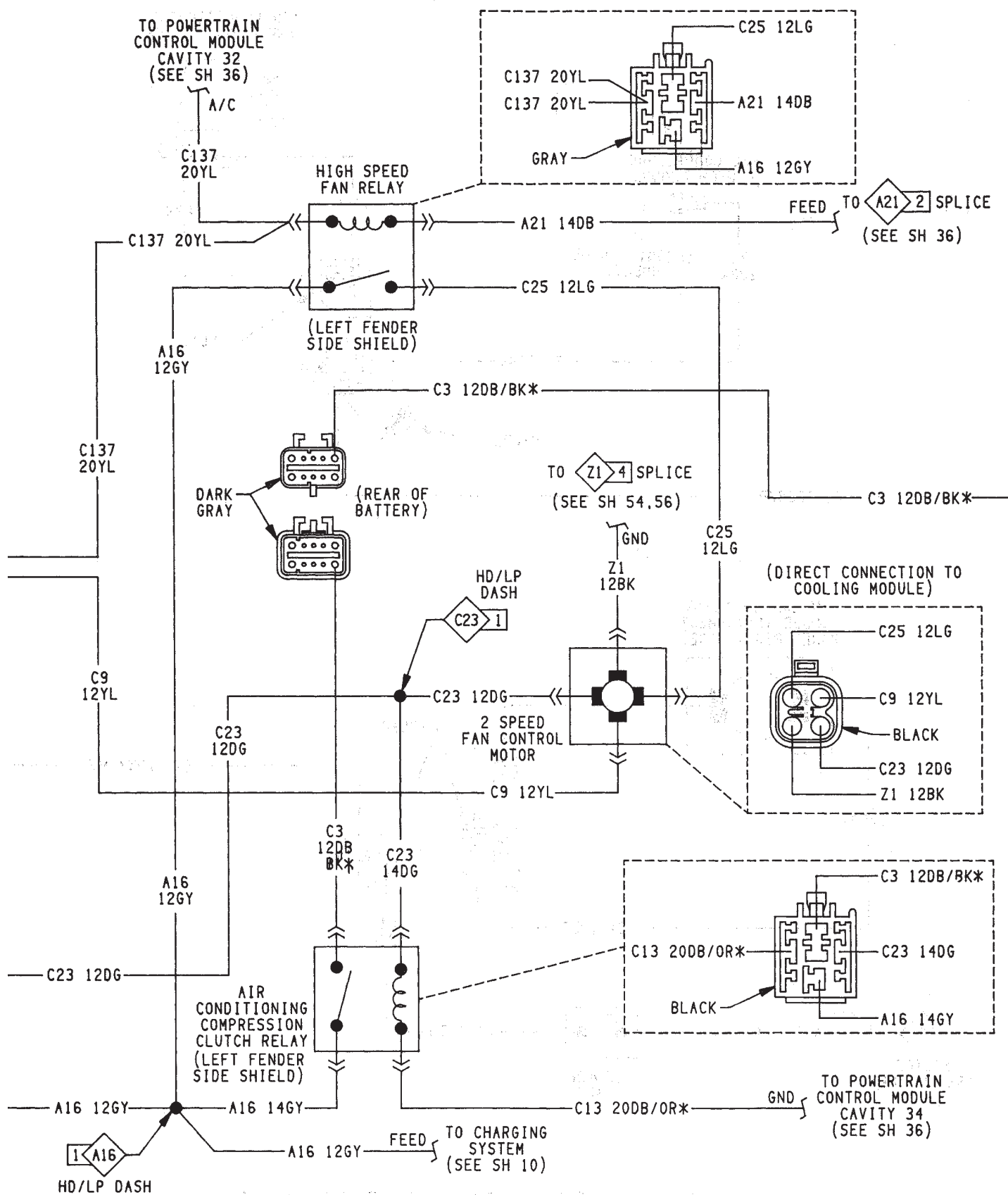




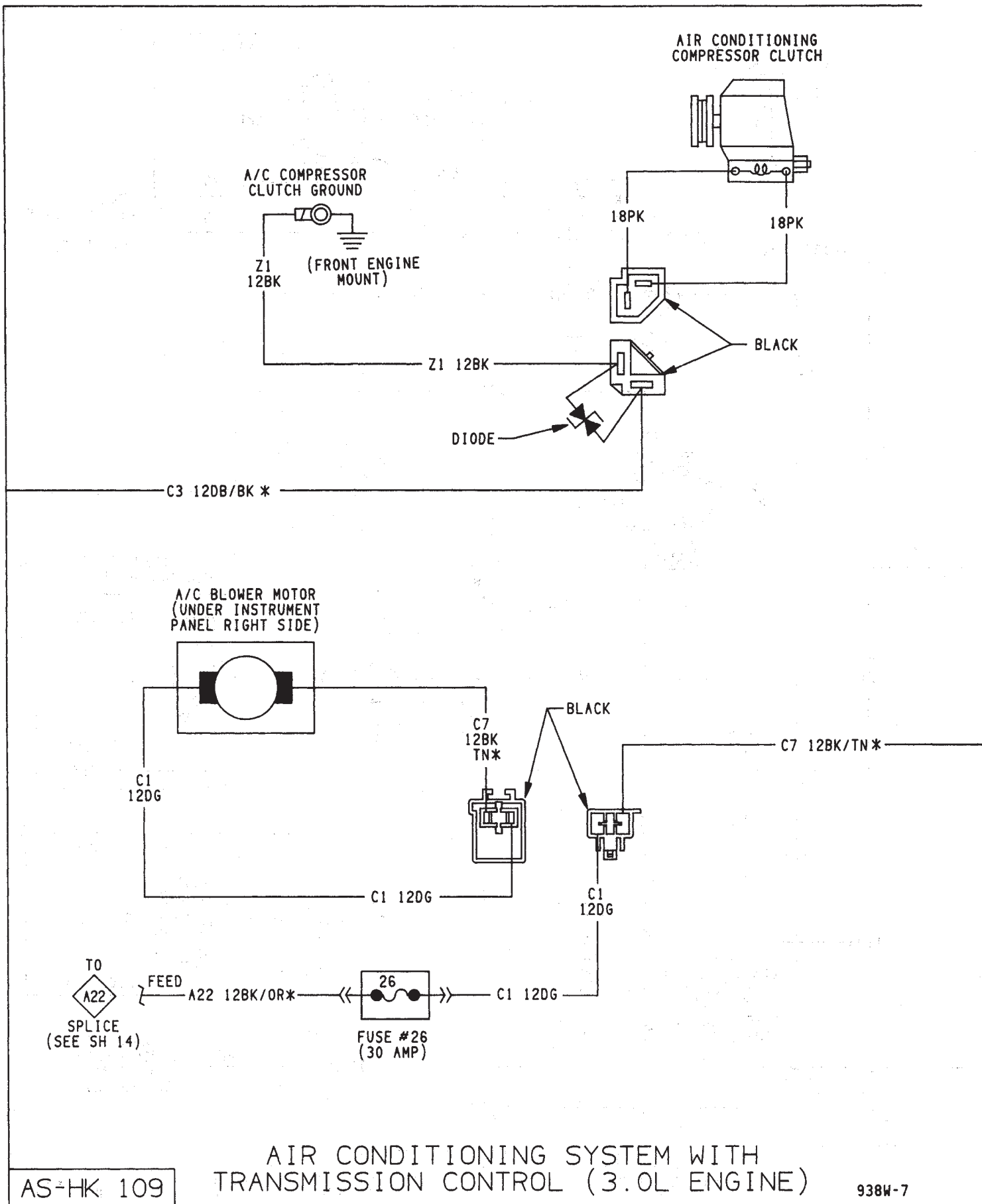


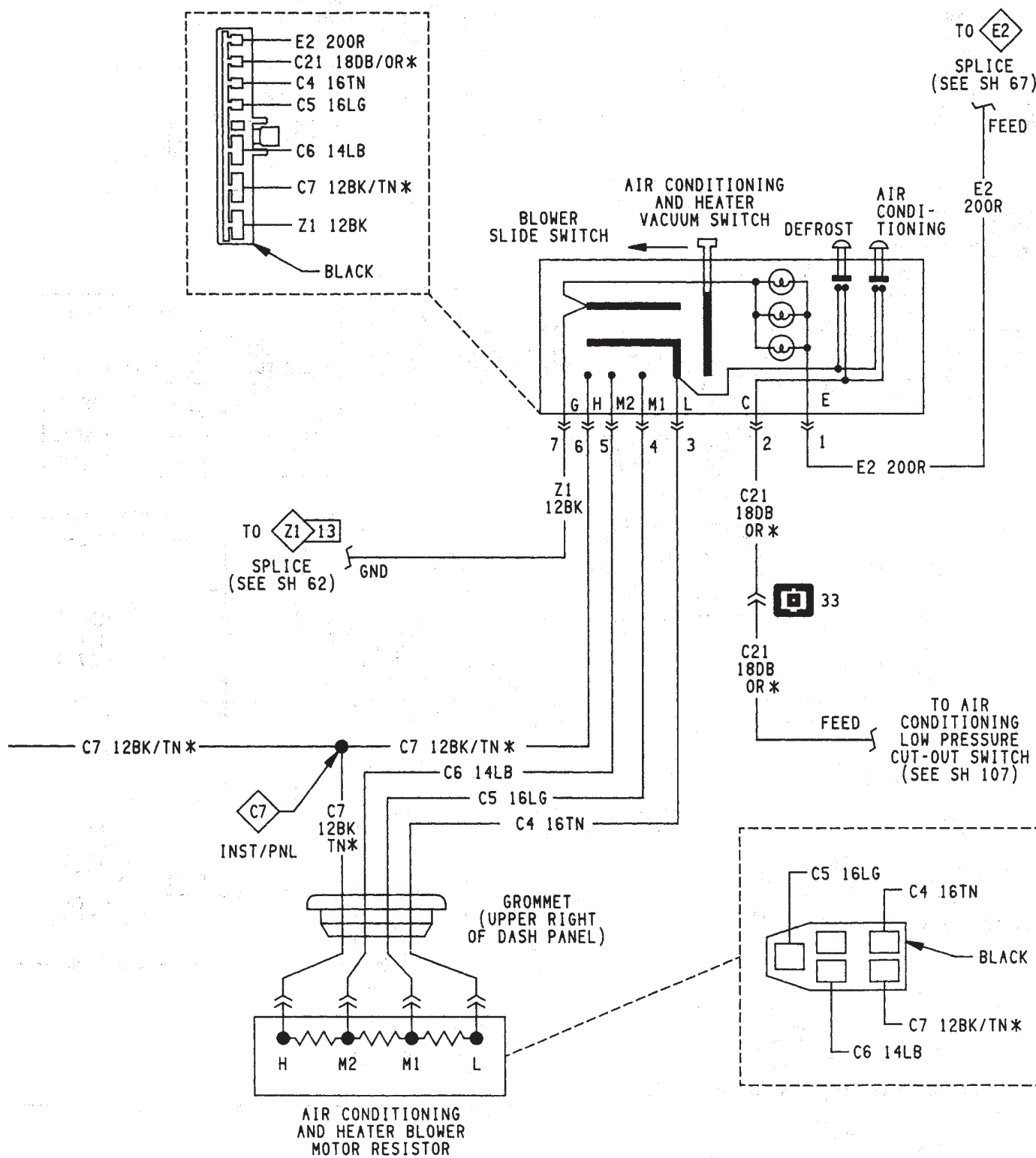
AIR CONDITIONING SYSTEM WITHOUT TRANSMISSION CONTROL (3.0L ENGINE)



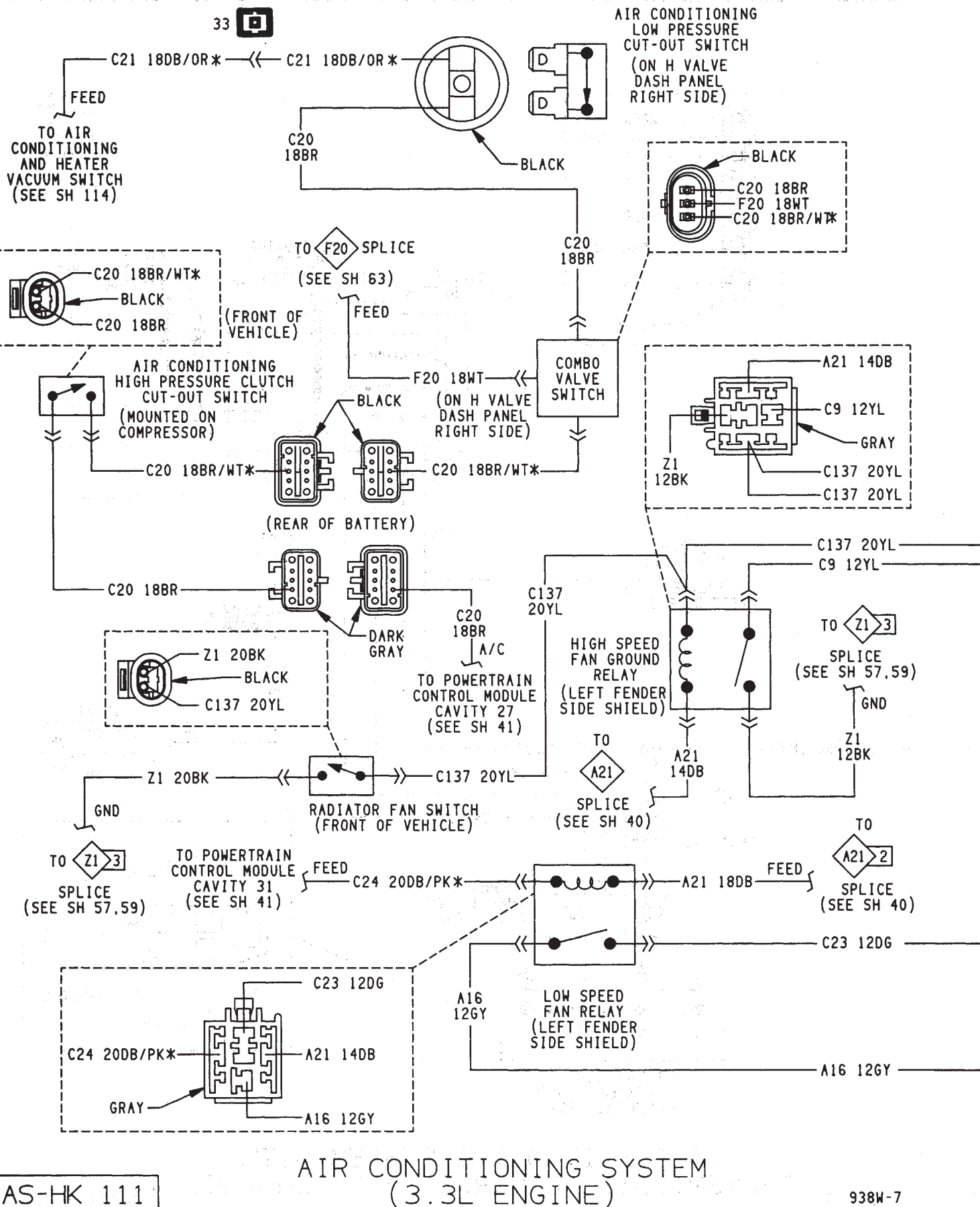


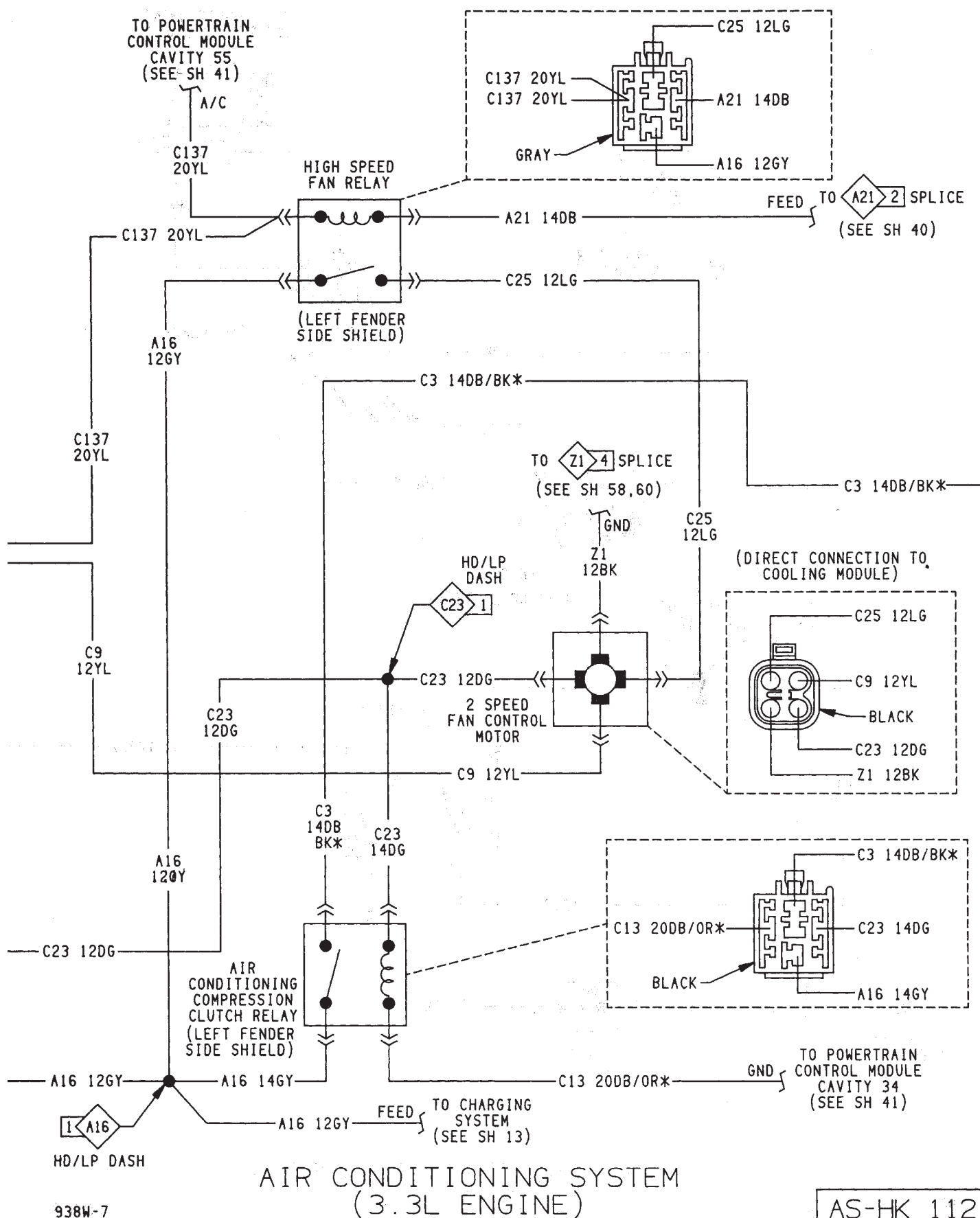
AIR CONDITIONING SYSTEM WITH TRANSMISSION CONTROL (3.0L ENGINE)



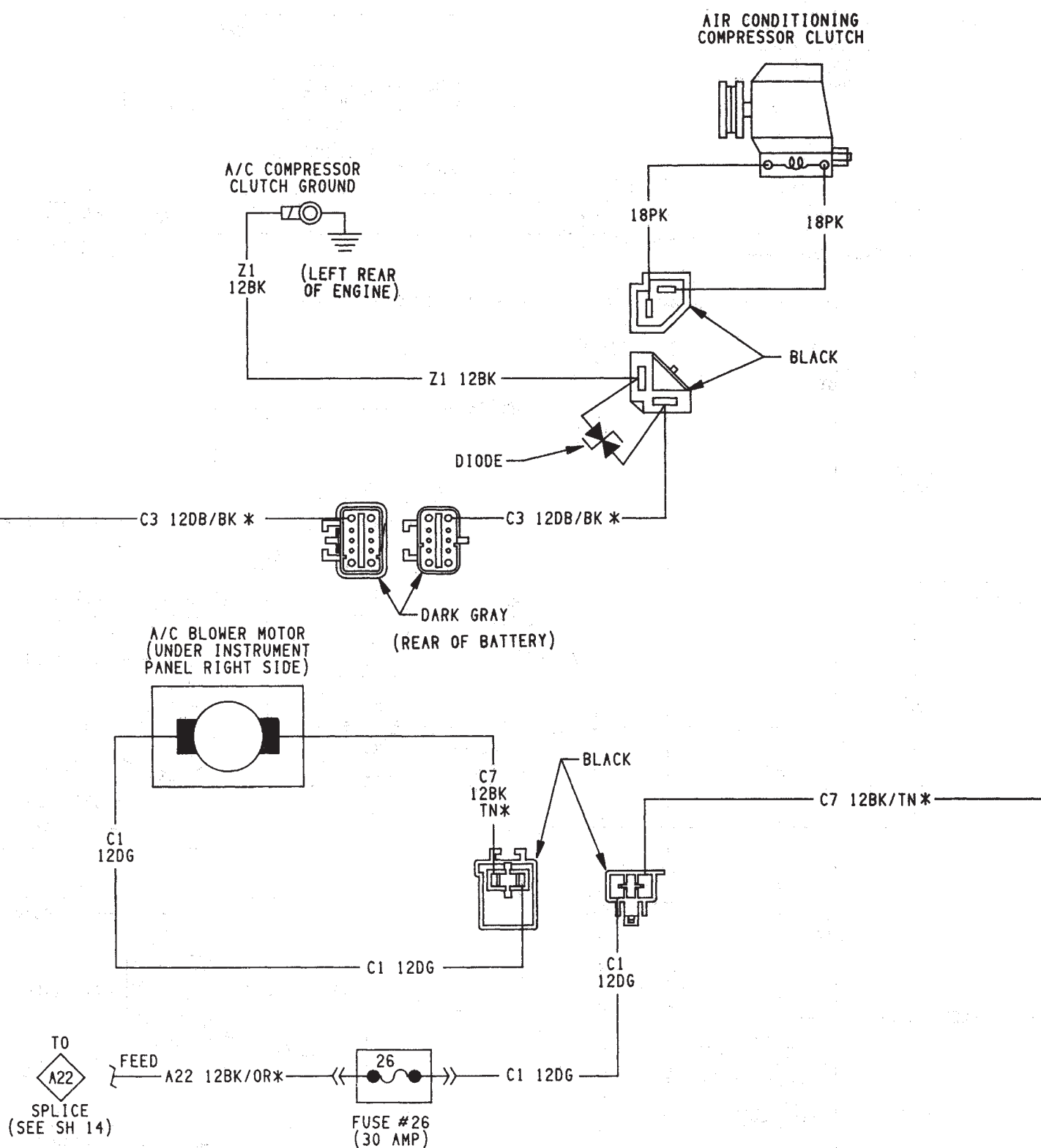


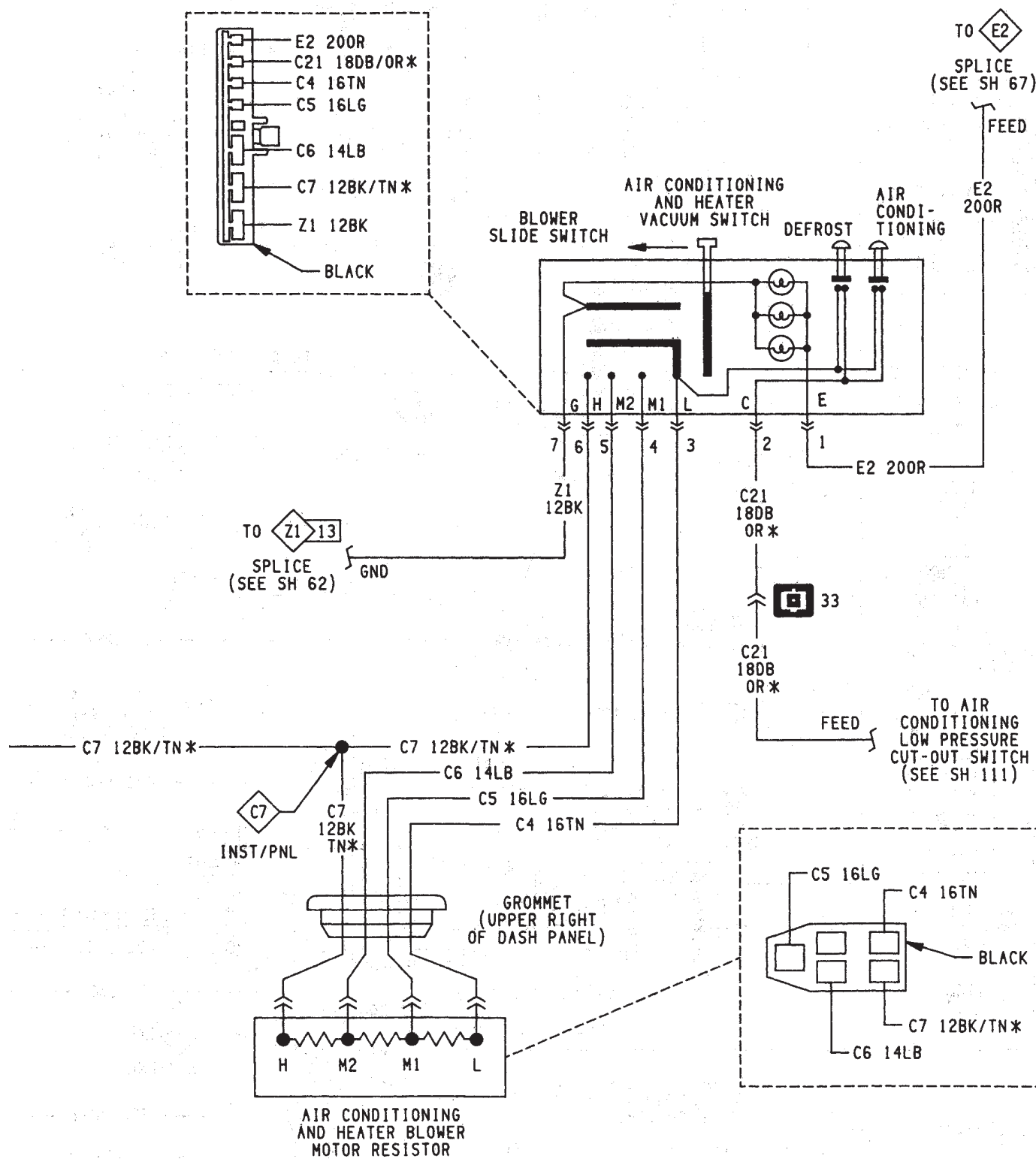
AIR CONDITIONING SYSTEM WITH  
TRANSMISSION CONTROL (3.0L ENGINE)







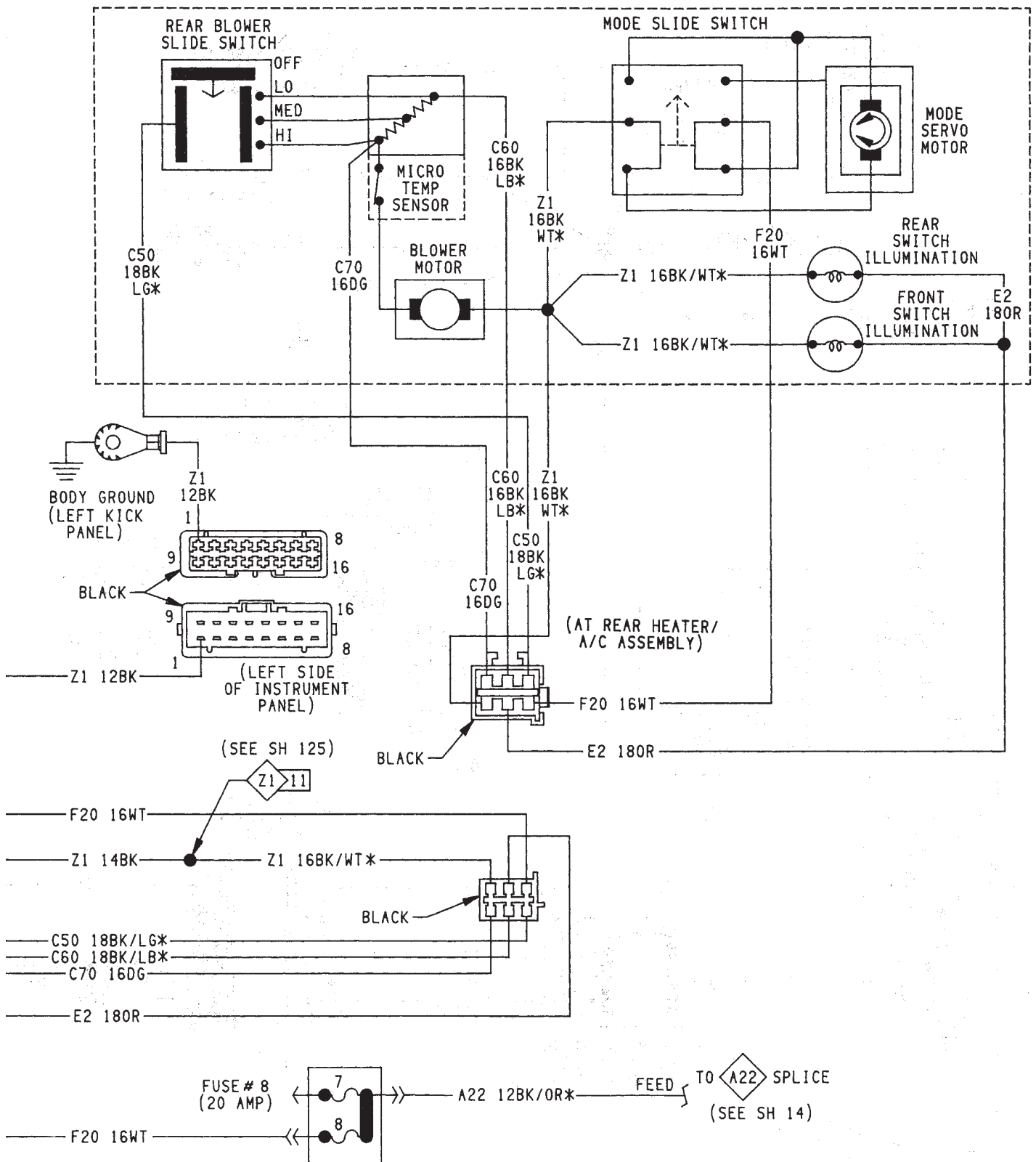
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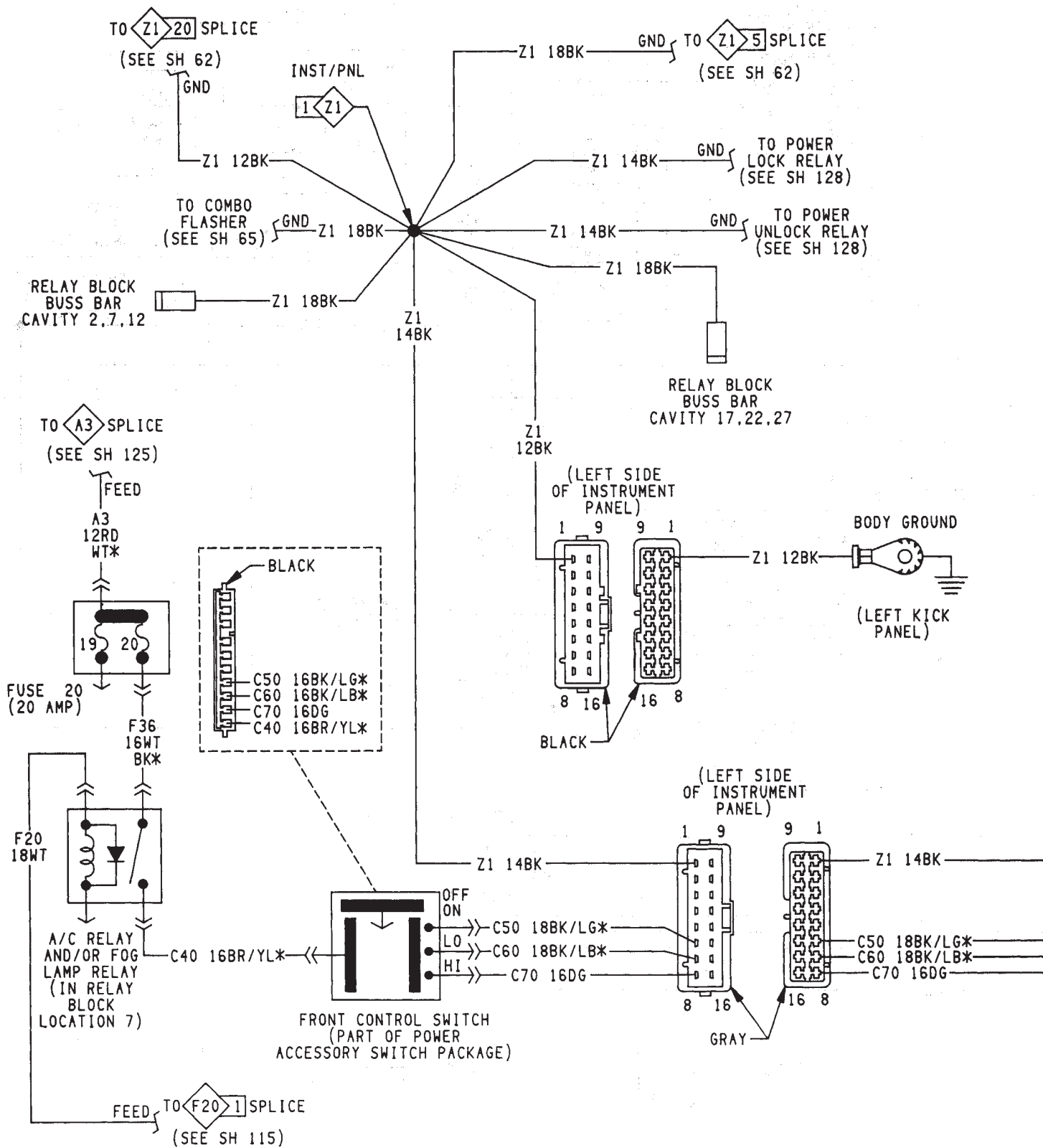


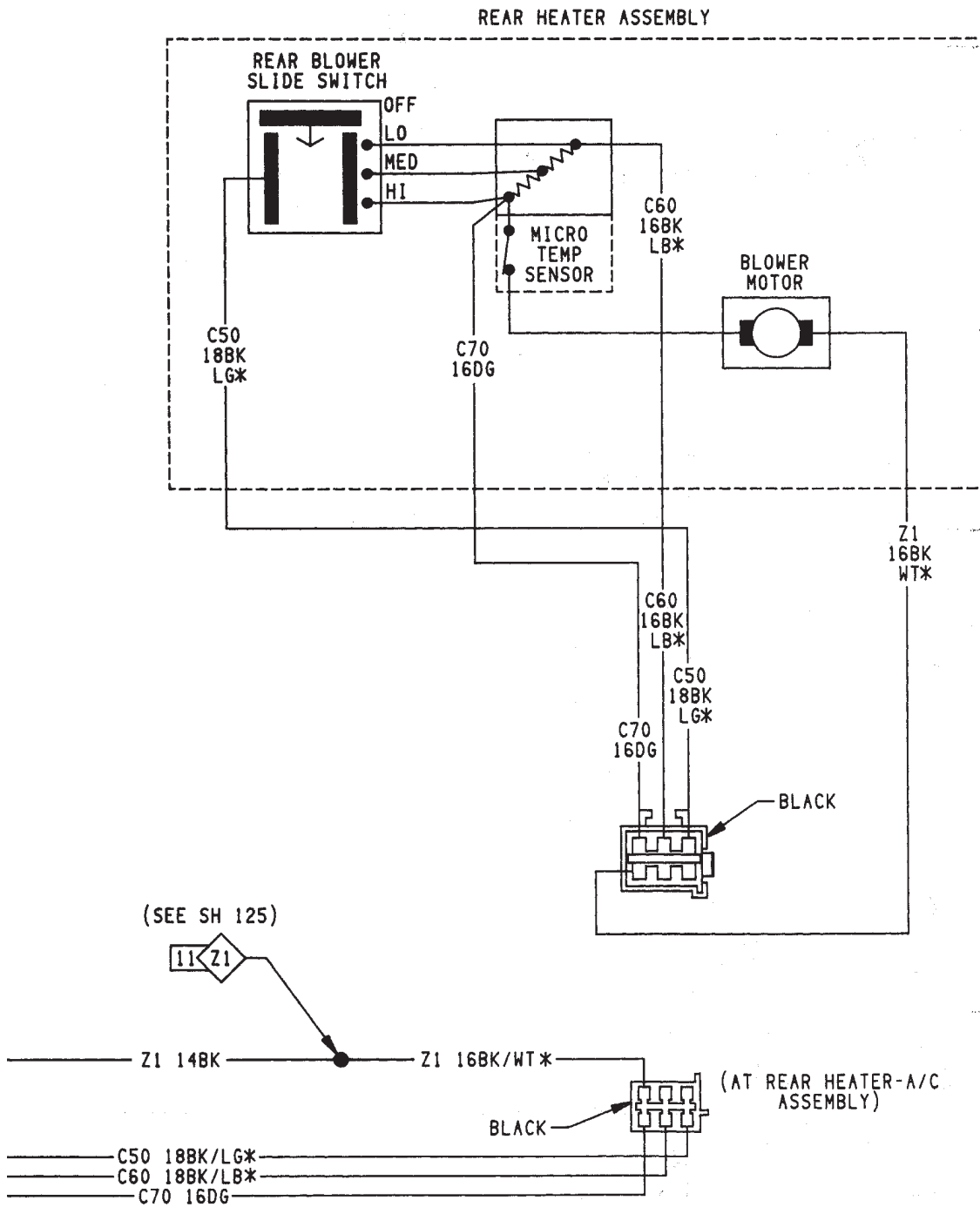
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(3.3L ENGINE)

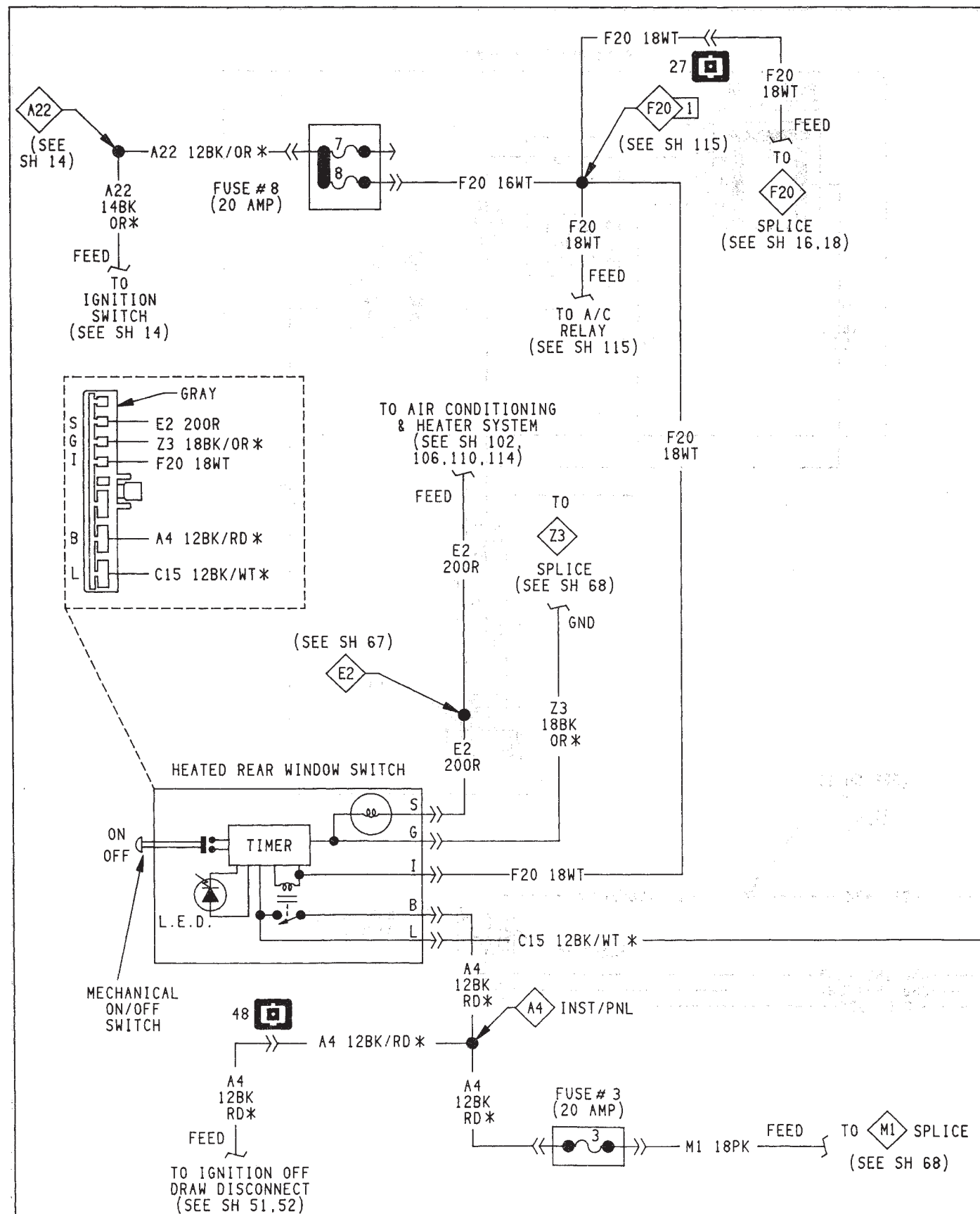


## REAR HEATER AND A/C ASSEMBLY



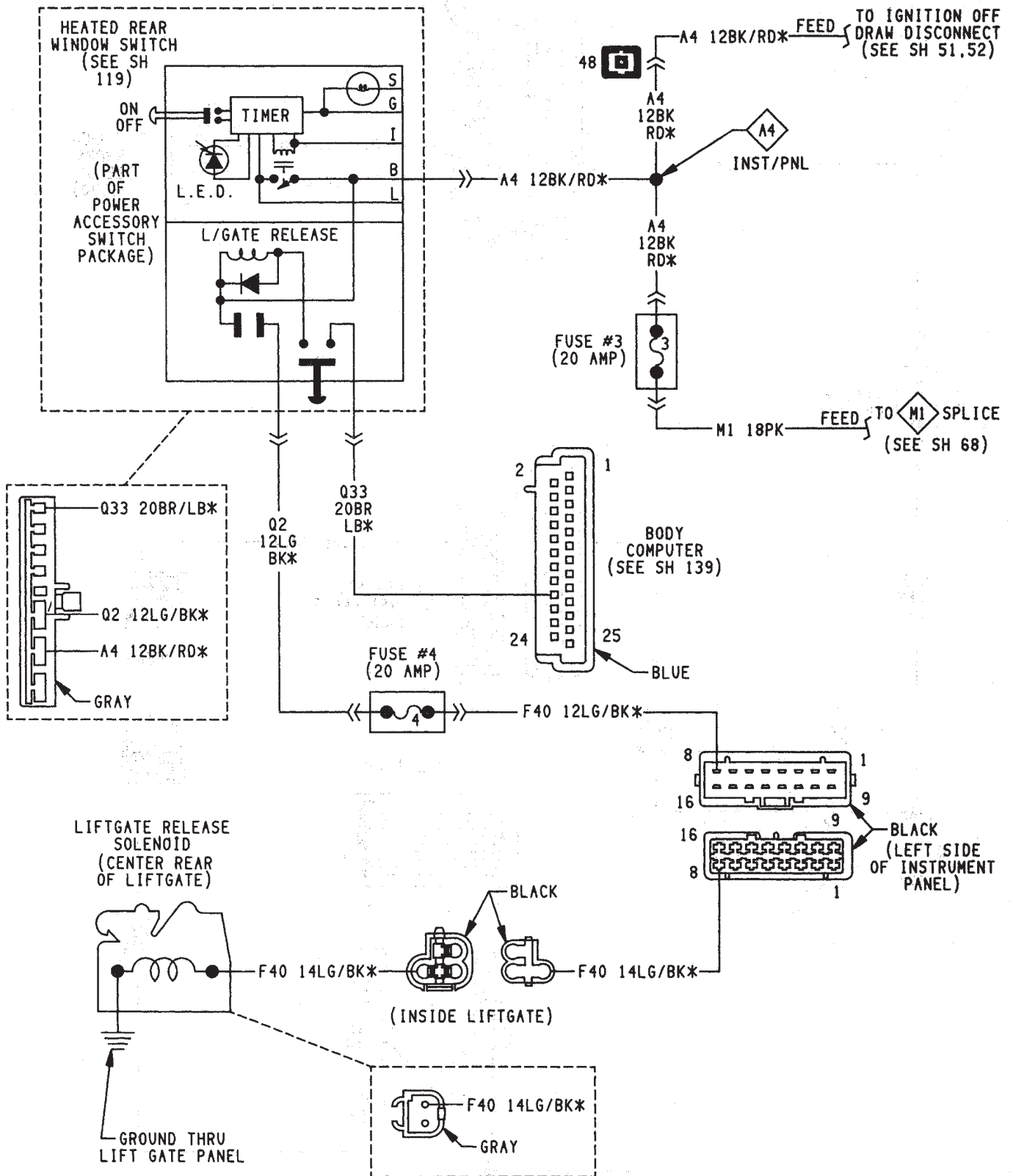


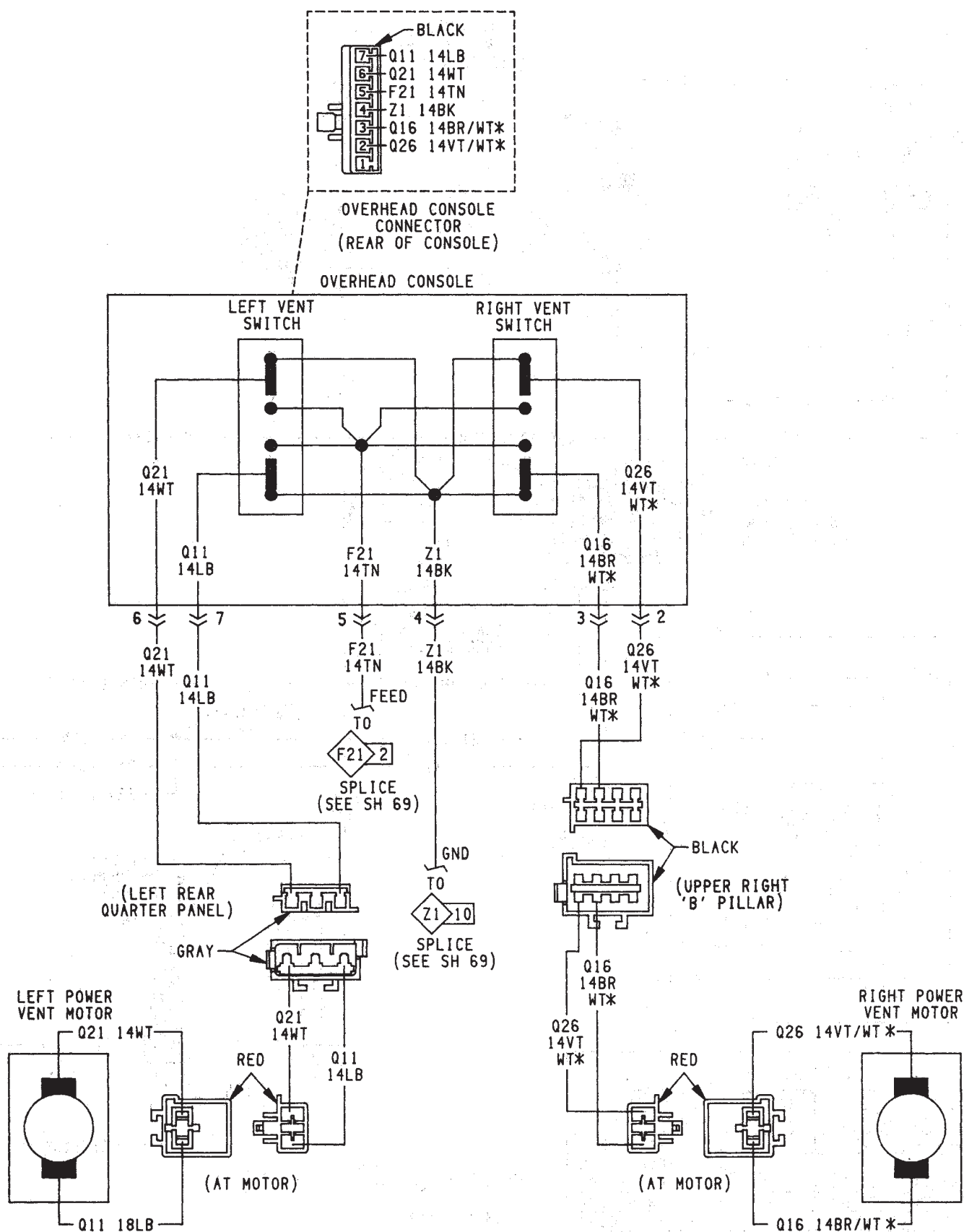




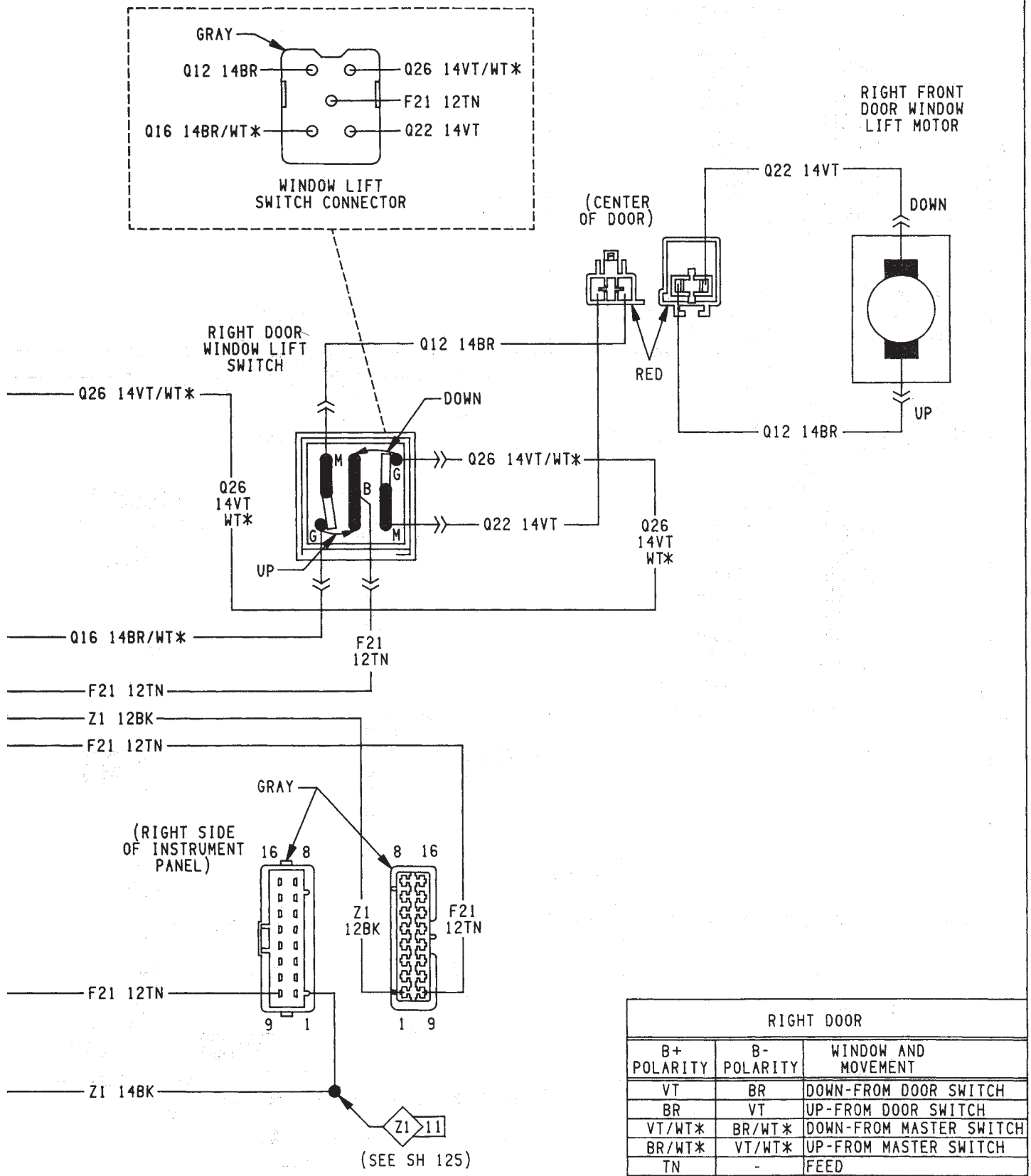


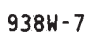


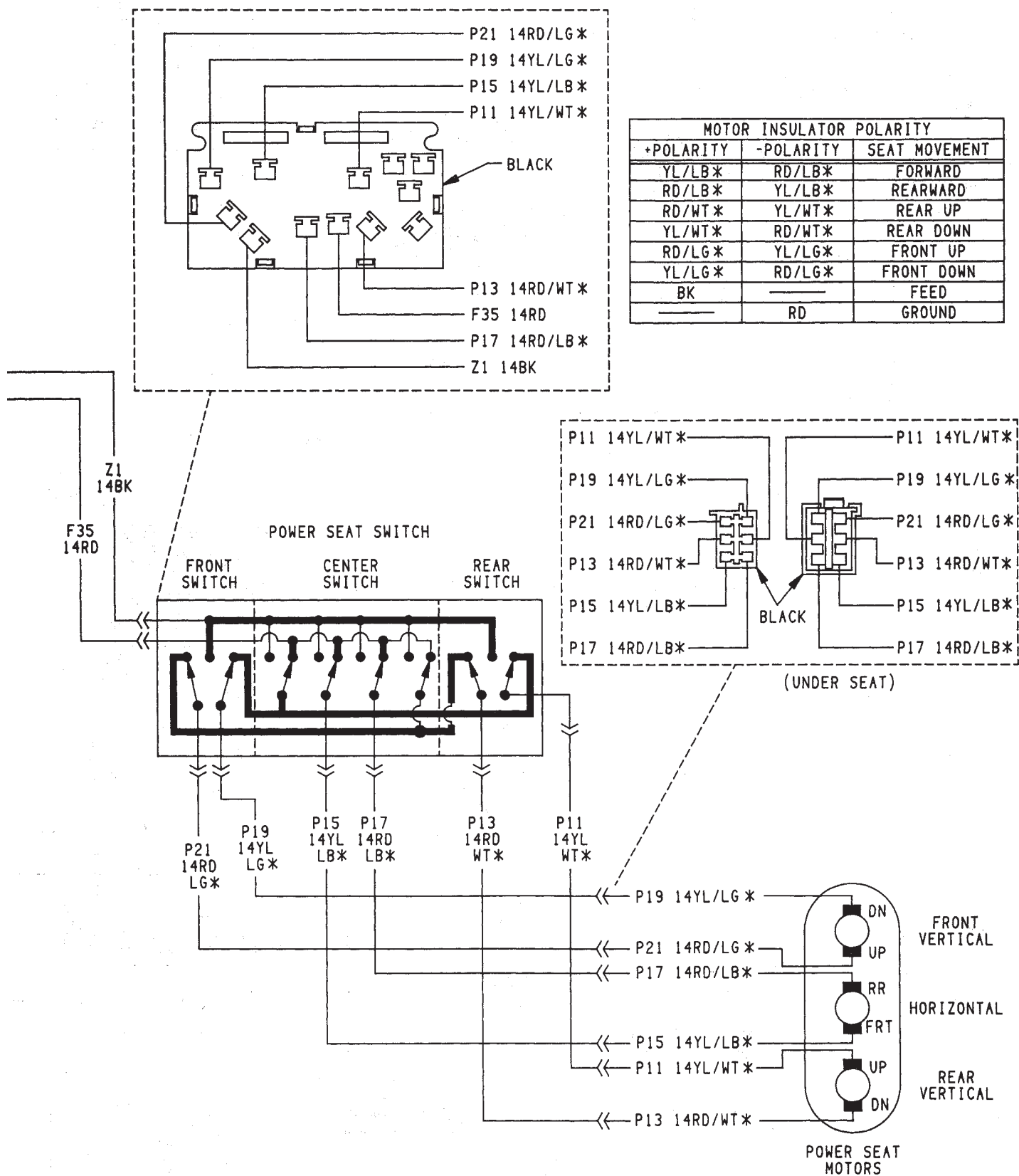






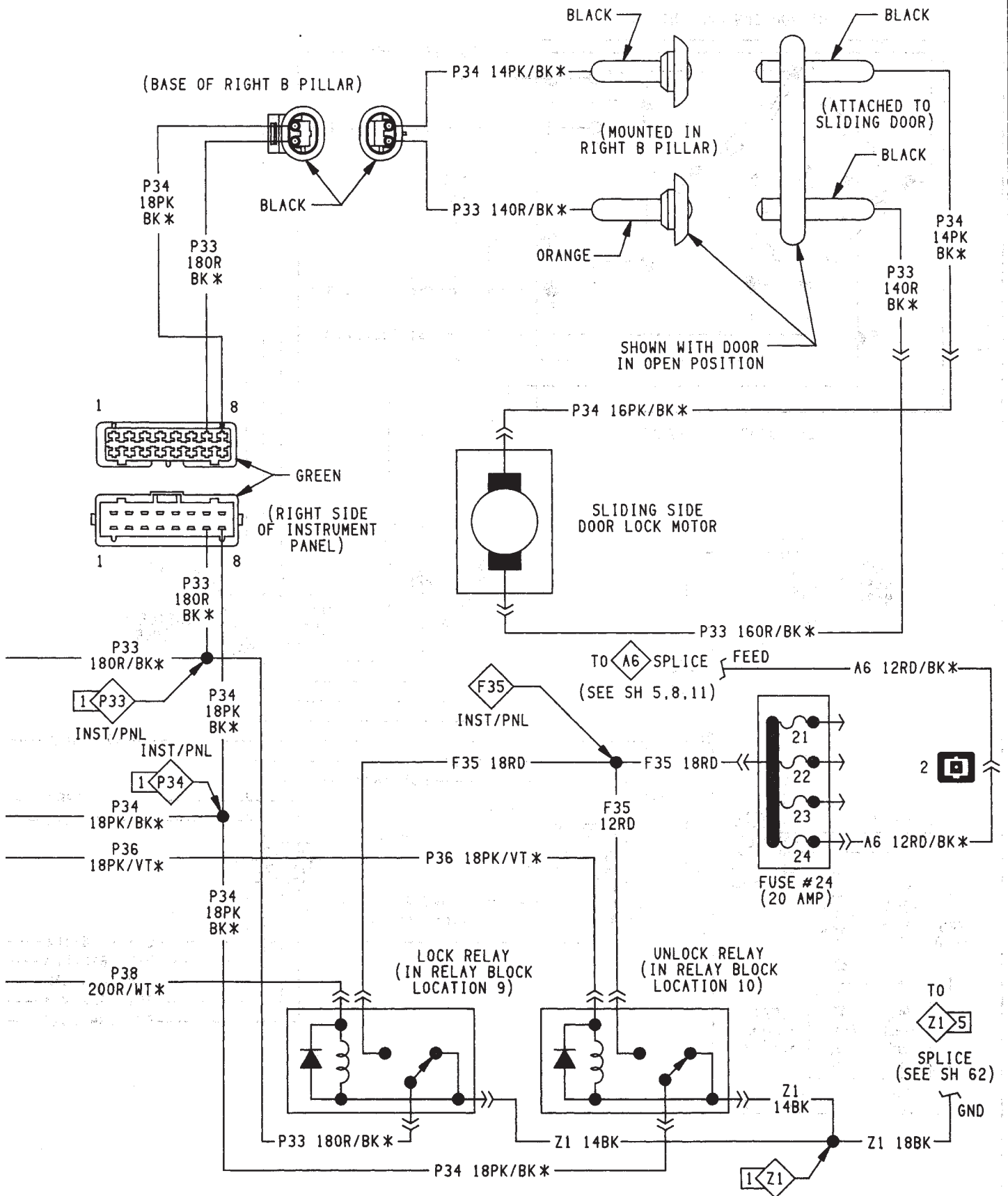


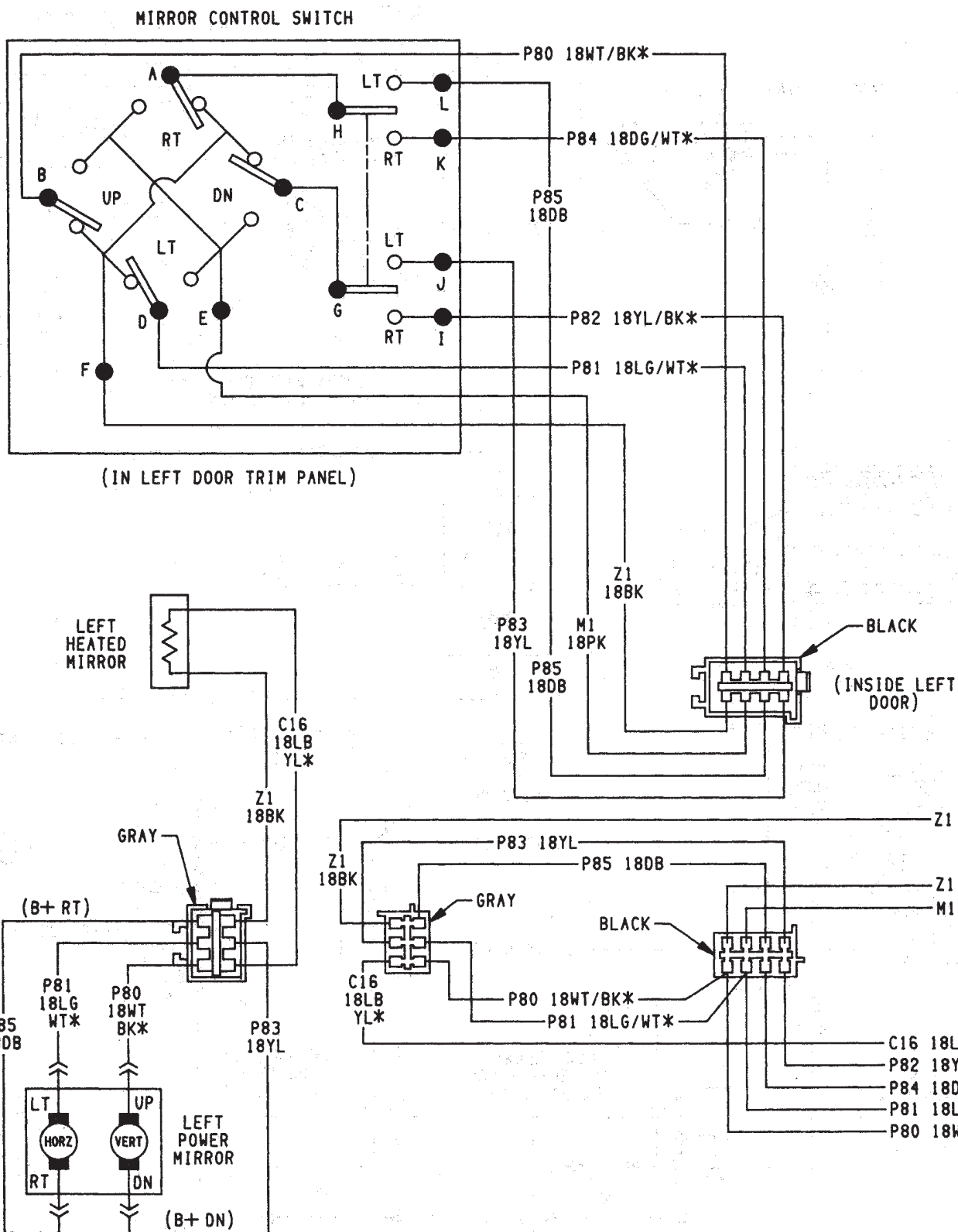




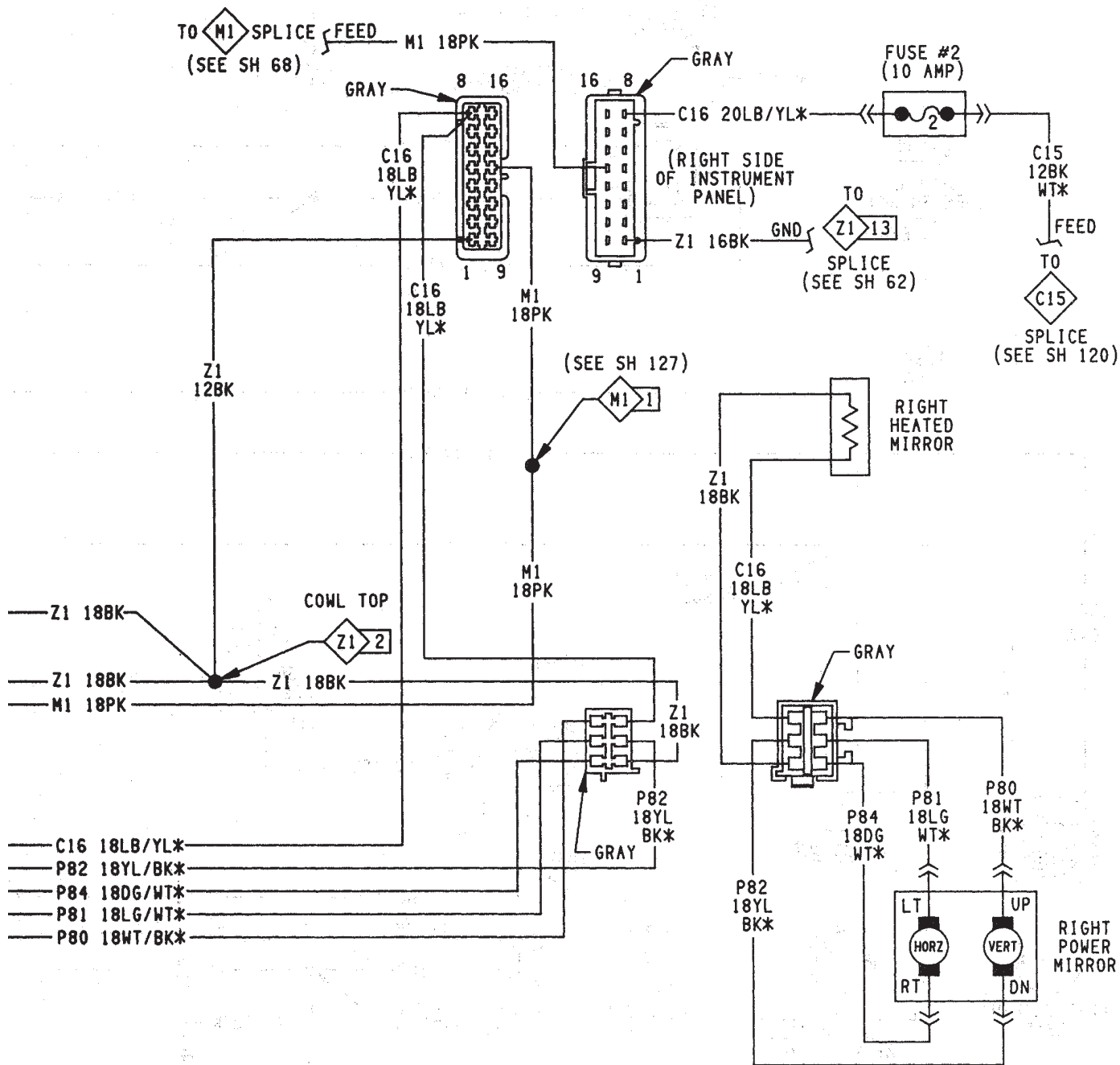
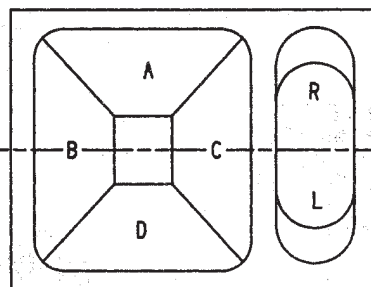


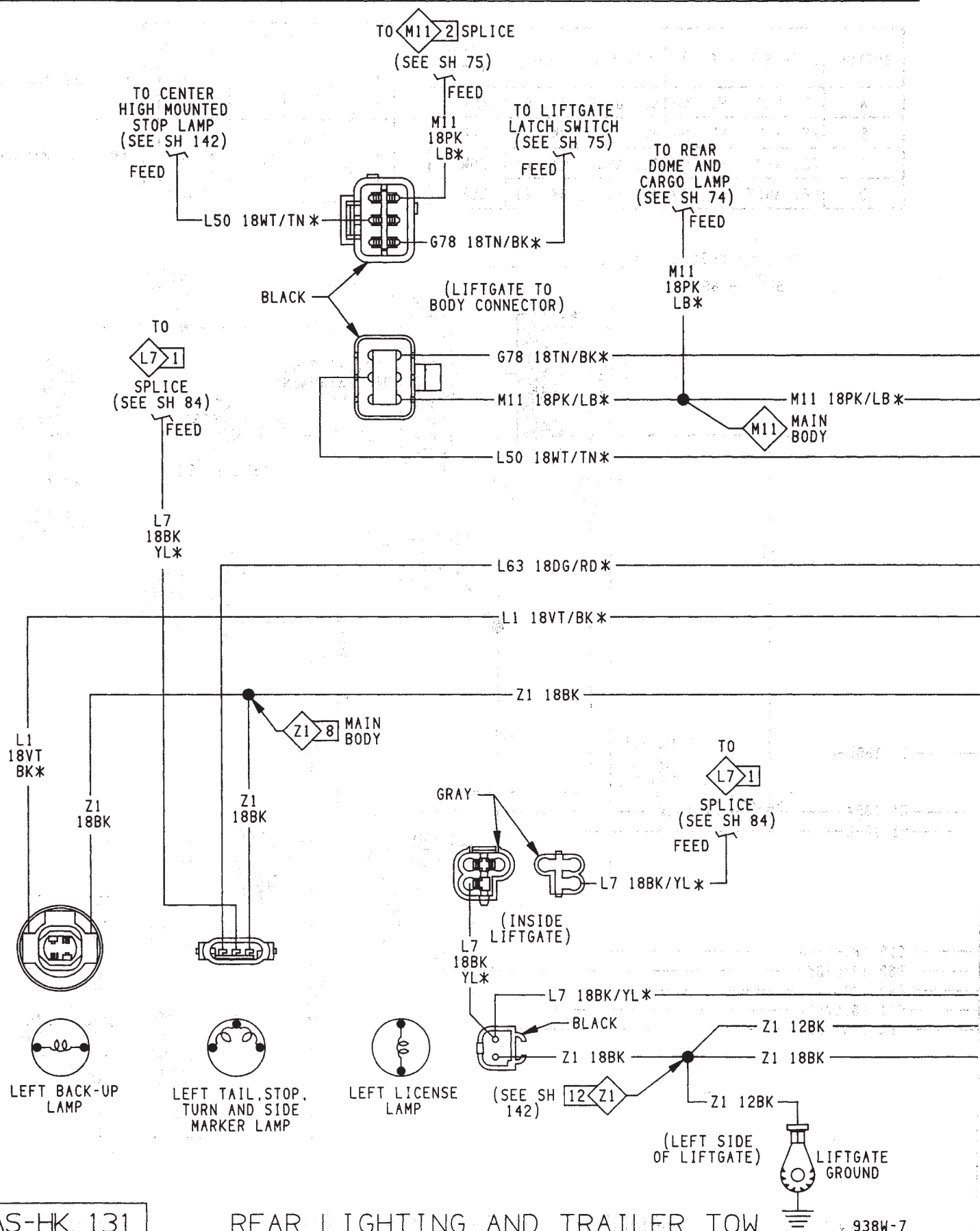




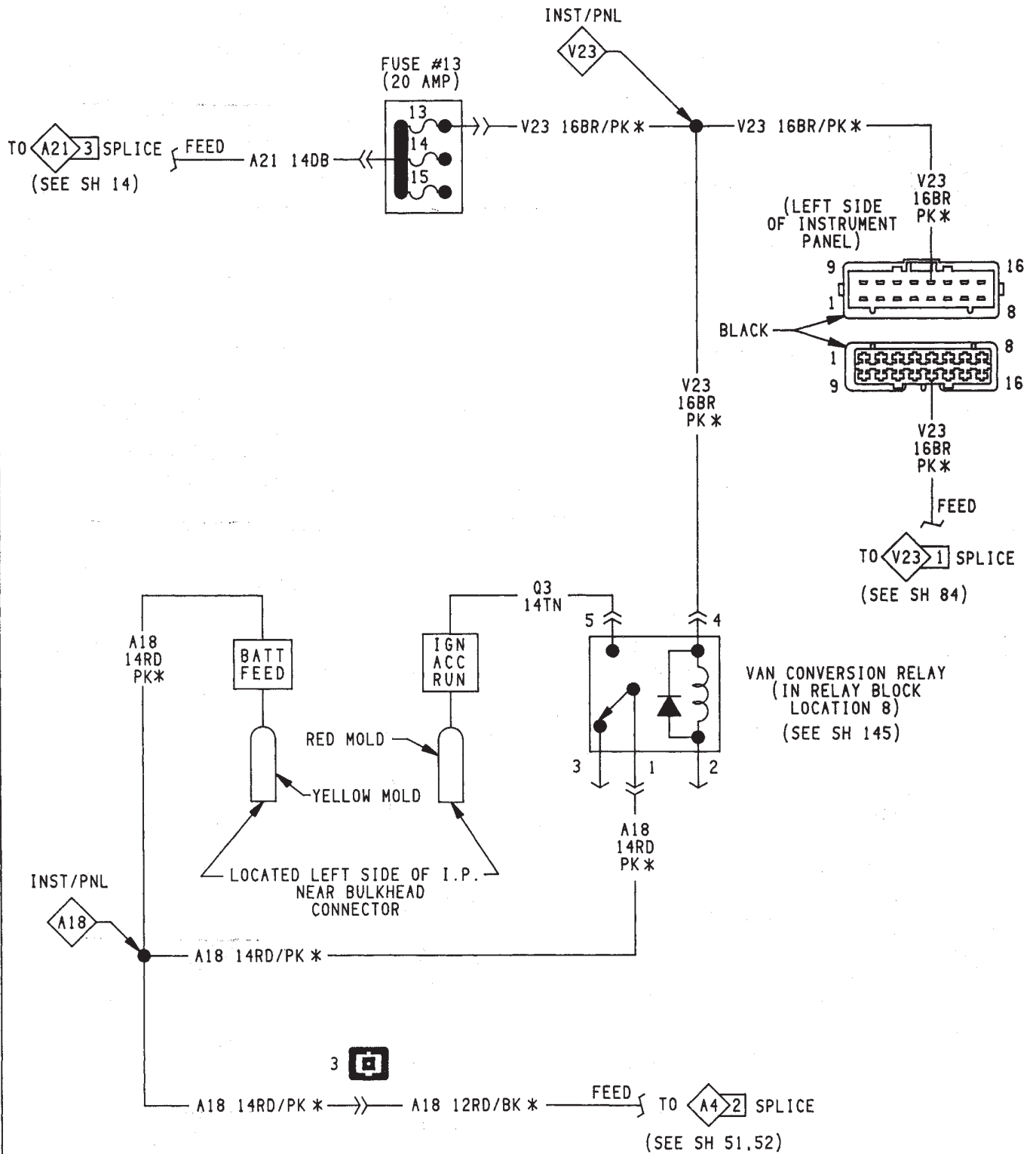


BUTTON	CIR SEL (LEFT)	CIR SEL (RIGHT)	MIRROR DIRECT
A	AE, BCDF, HL, GJ	AE, BCDF, HK, GI	RIGHT
B	BE, ACDF, HL, GJ	BE, ACDF, HK, GI	UP
C	CE, ABDF, HL, GJ	CE, ABDF, HK, GI	DOWN
D	DE, ABCF, HL, GJ	DE, ABCF, HK, GI	LEFT



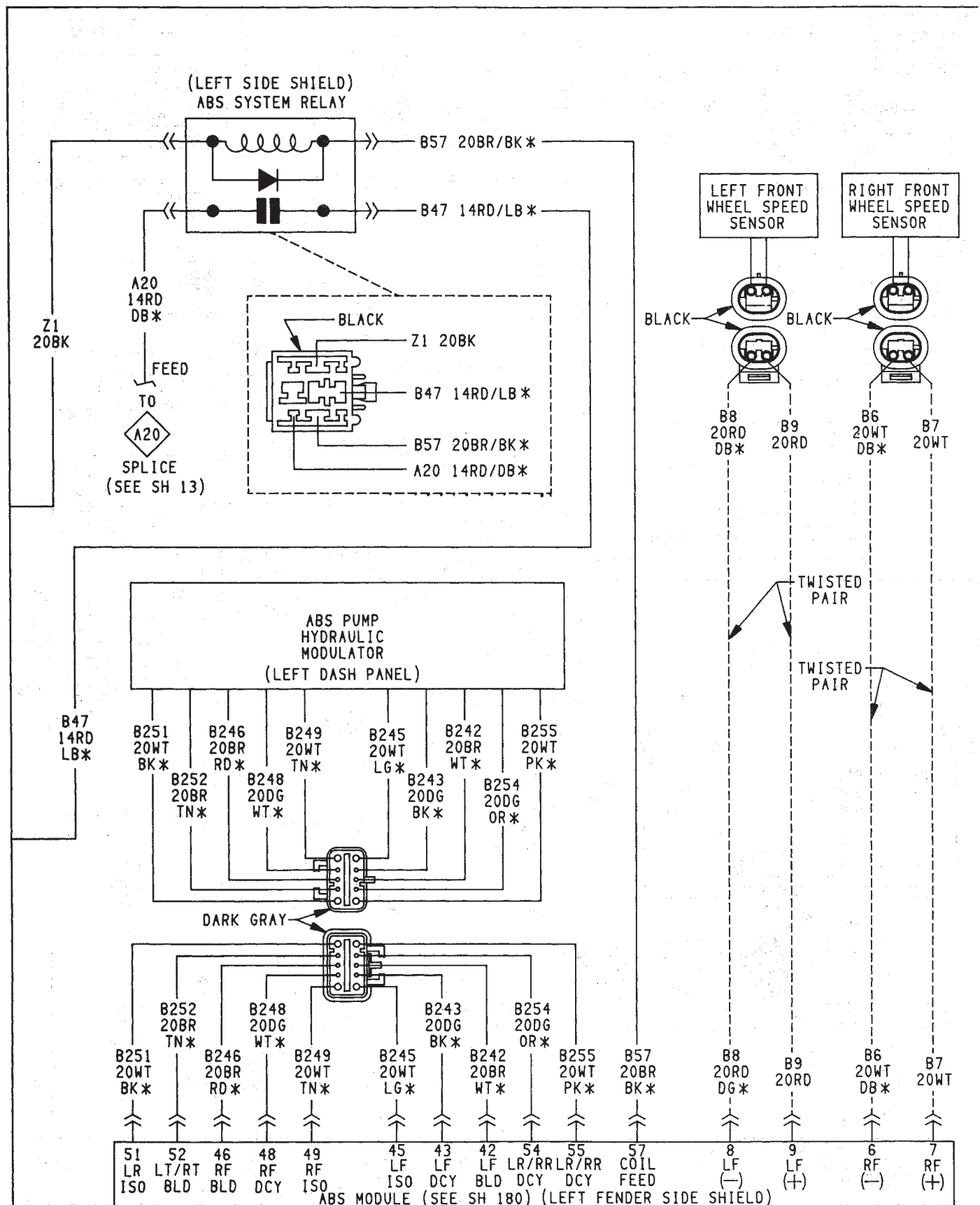


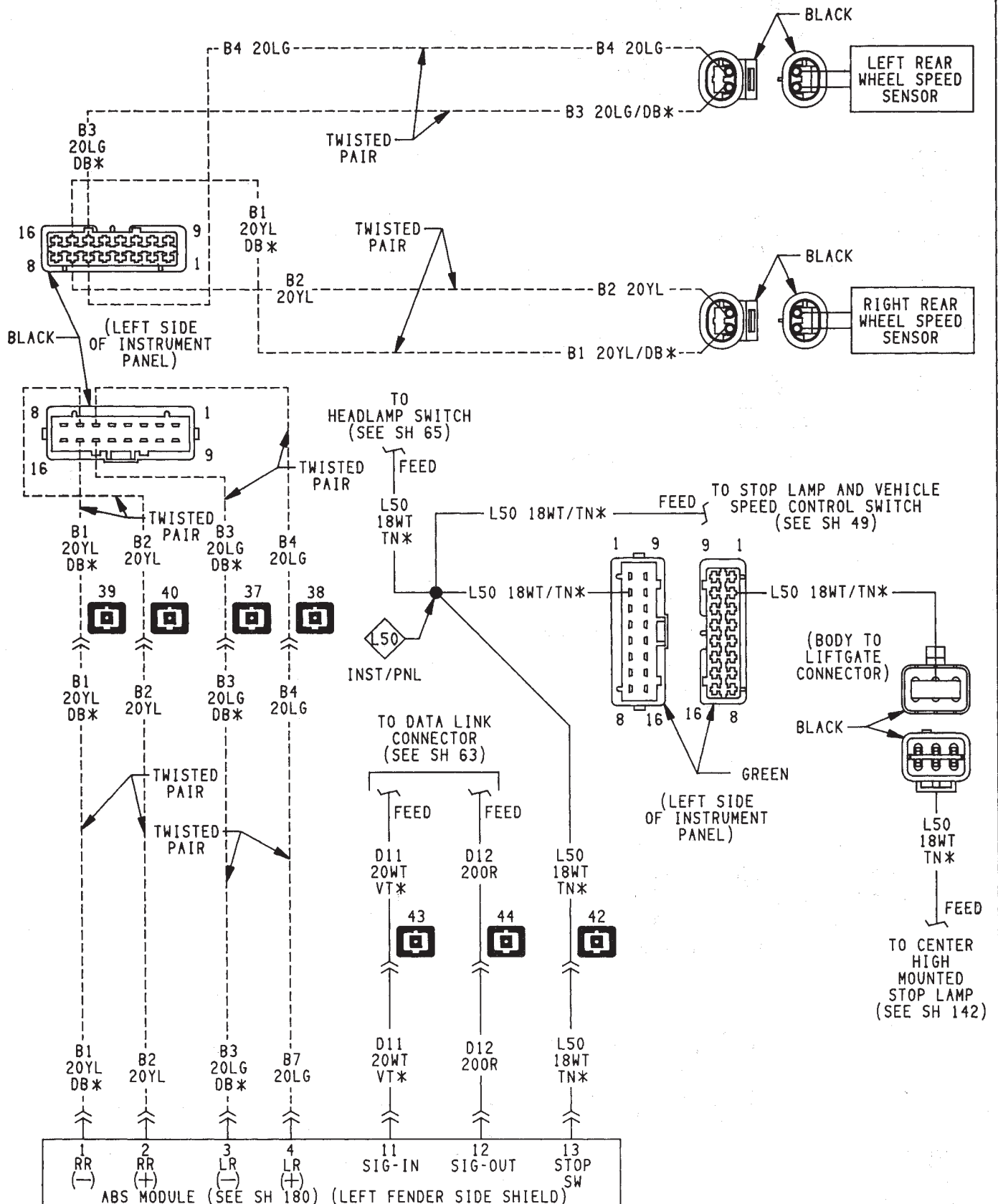


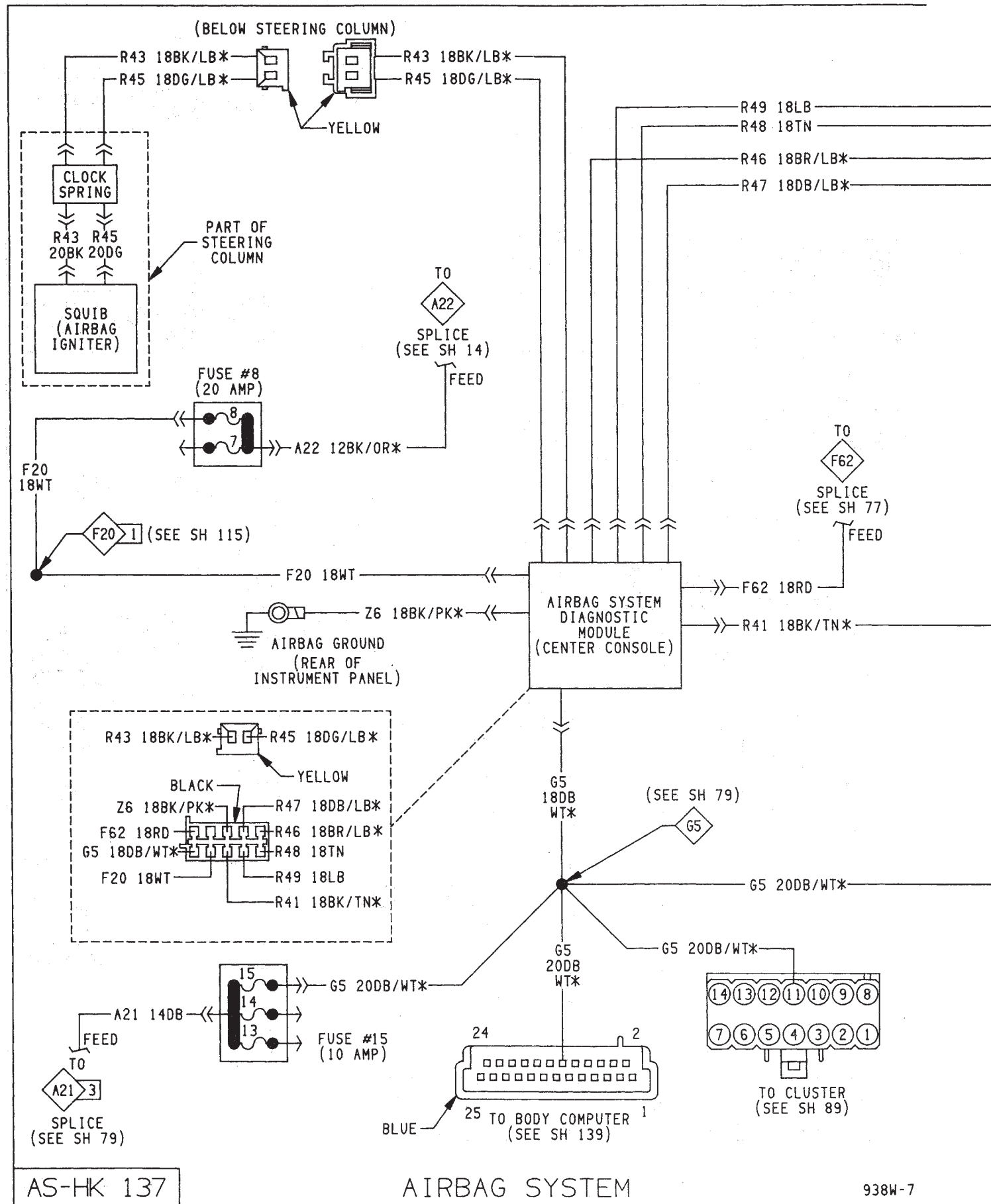


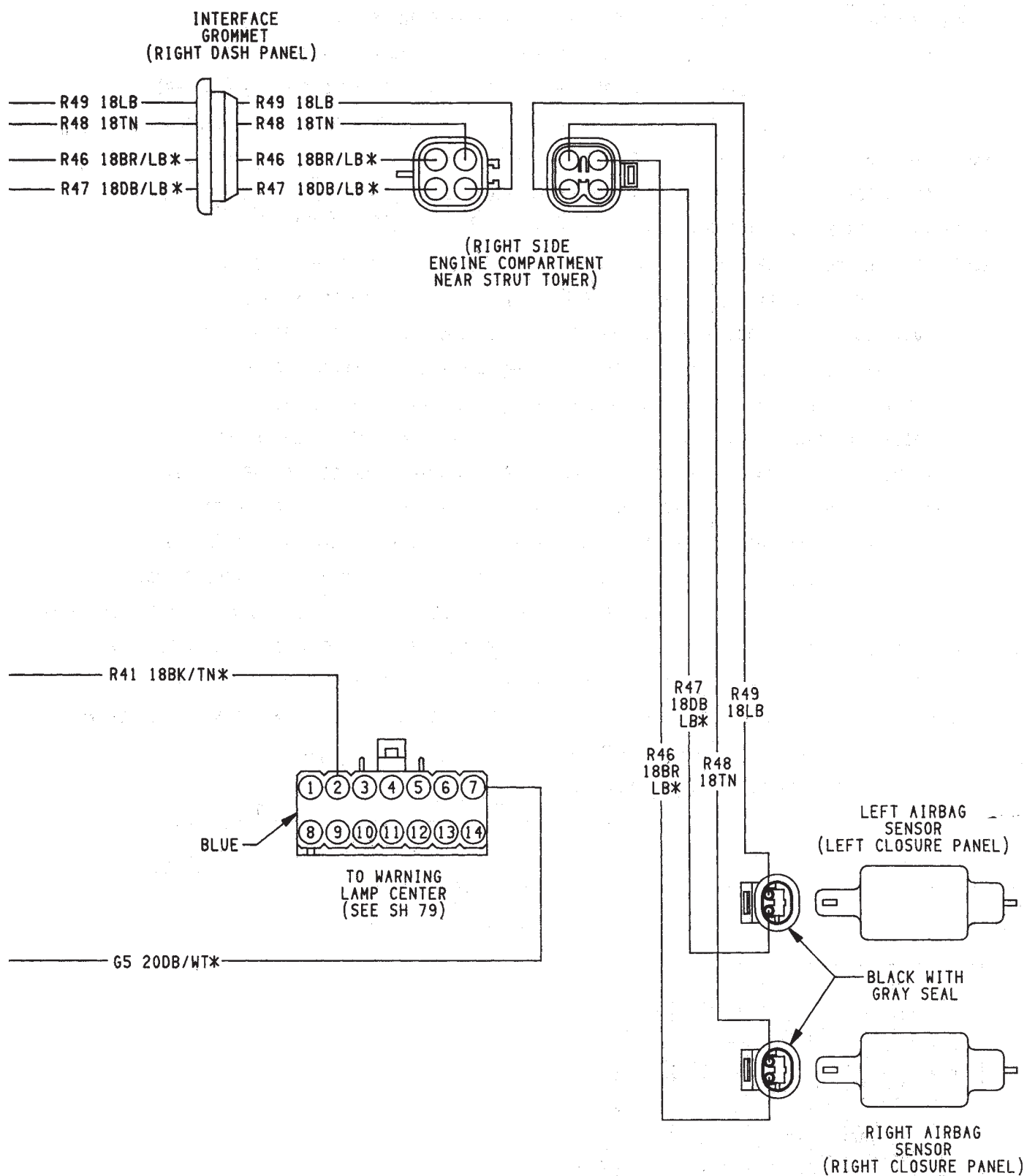


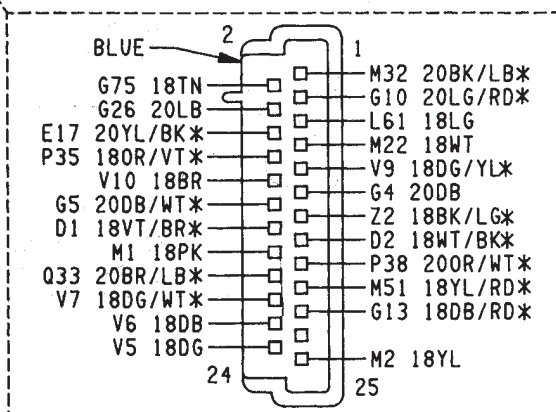
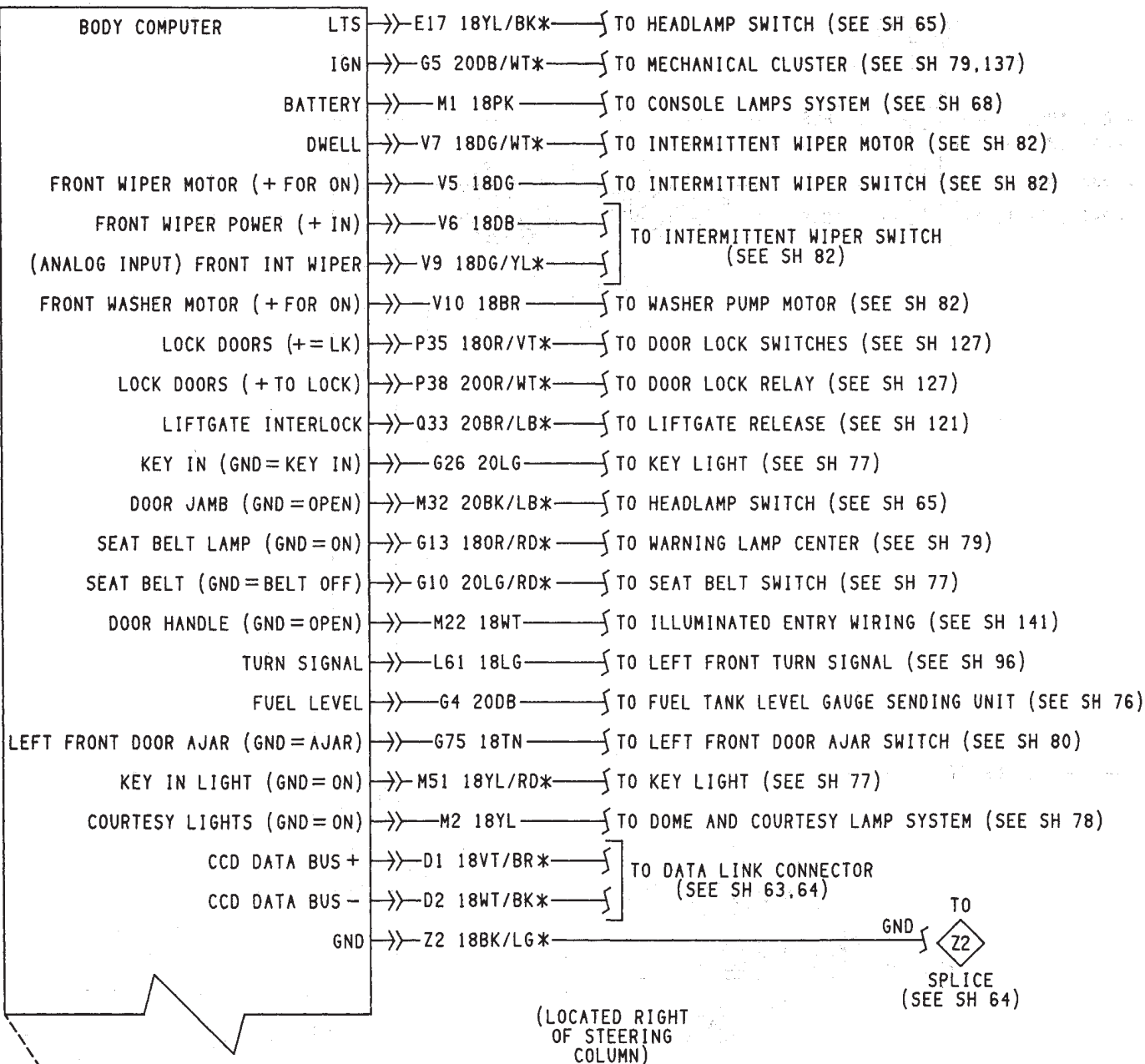


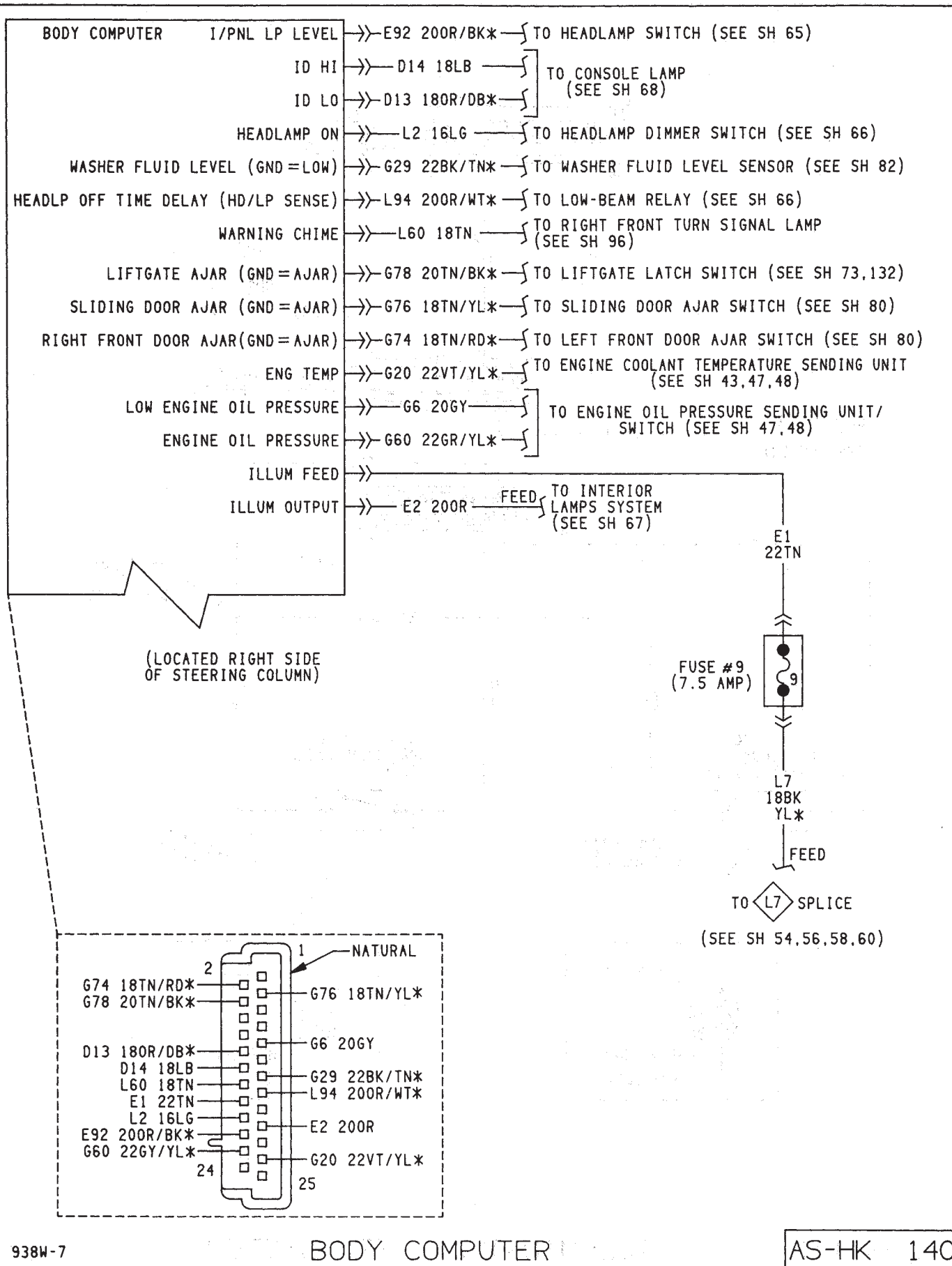






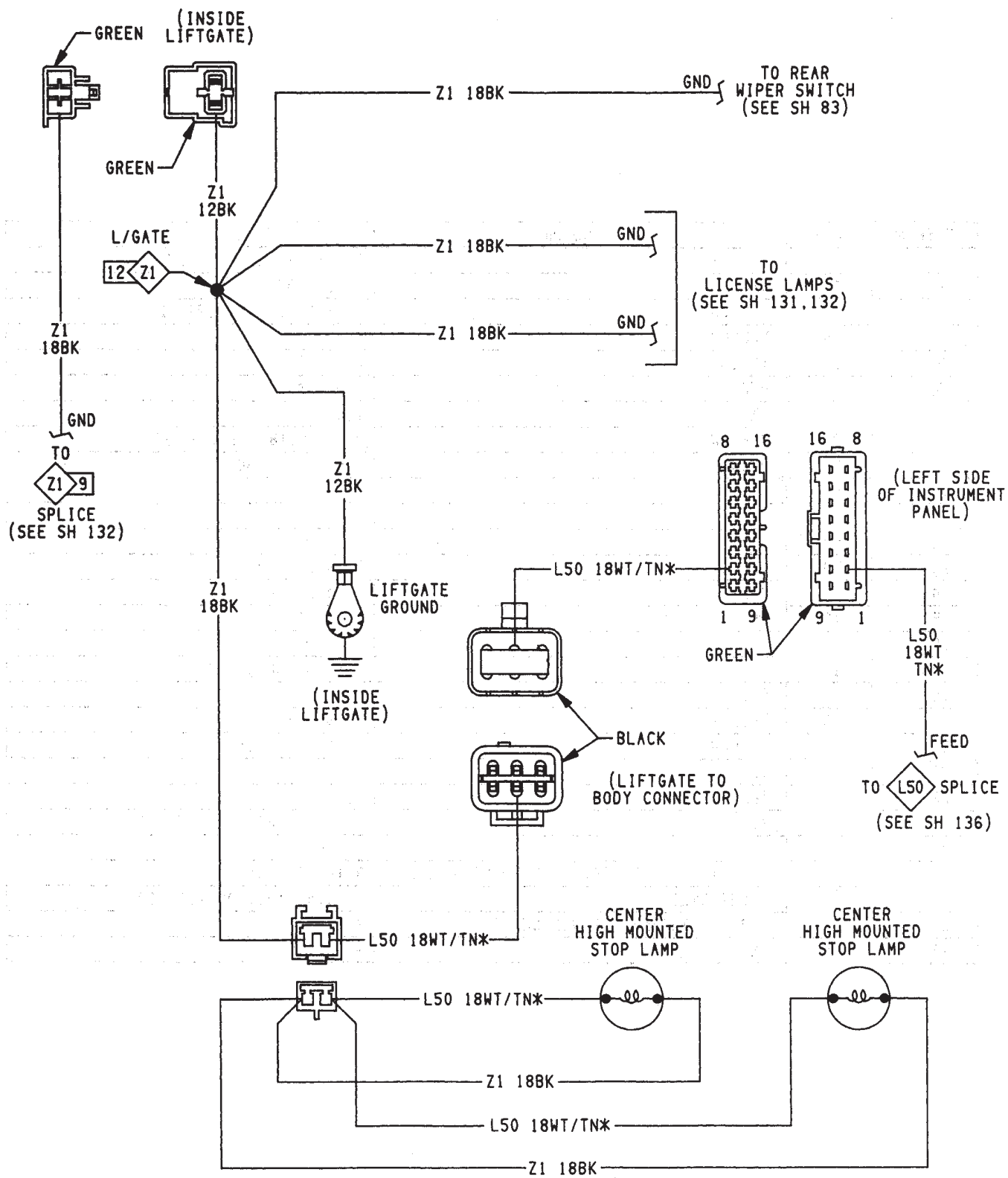




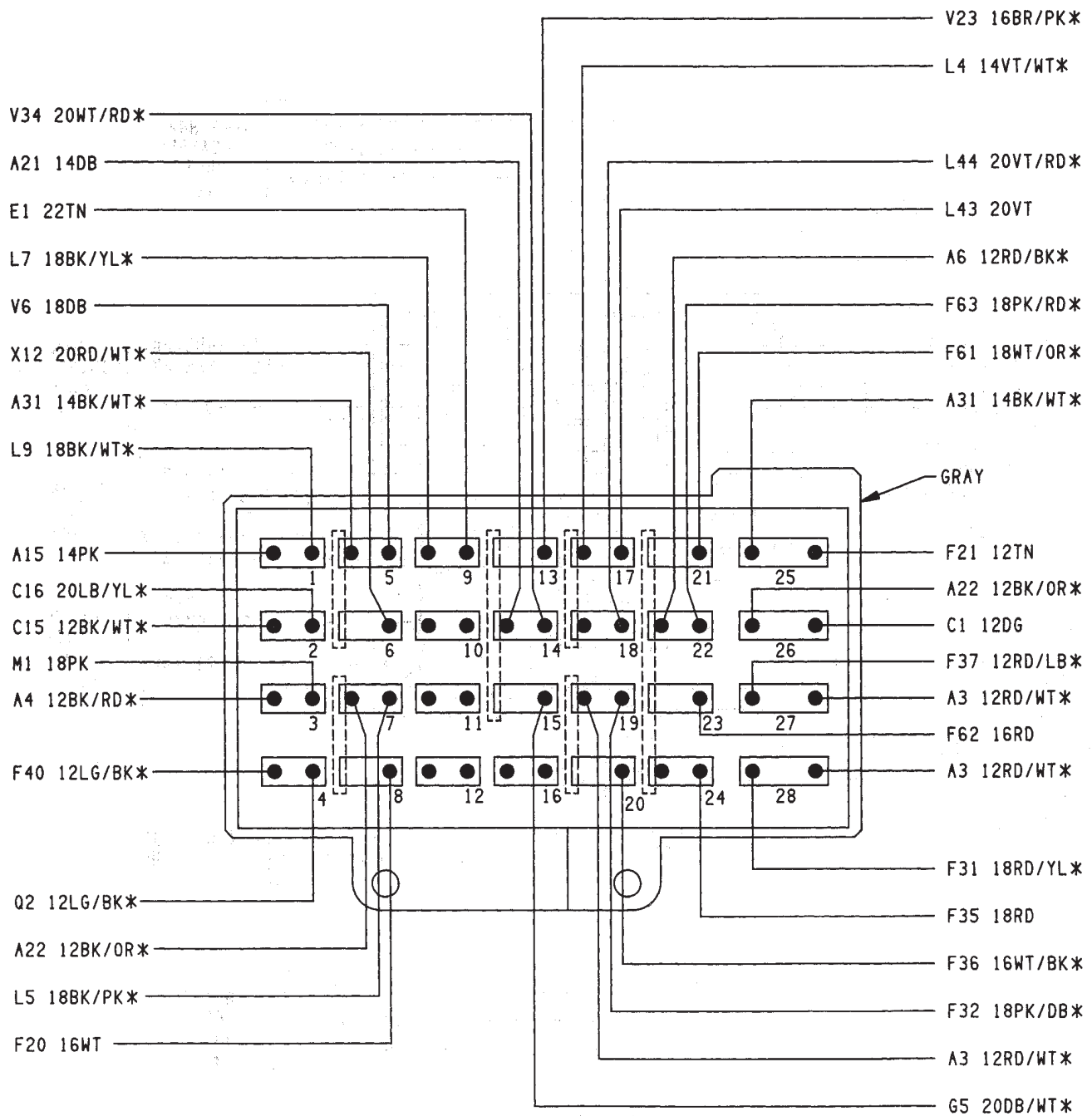




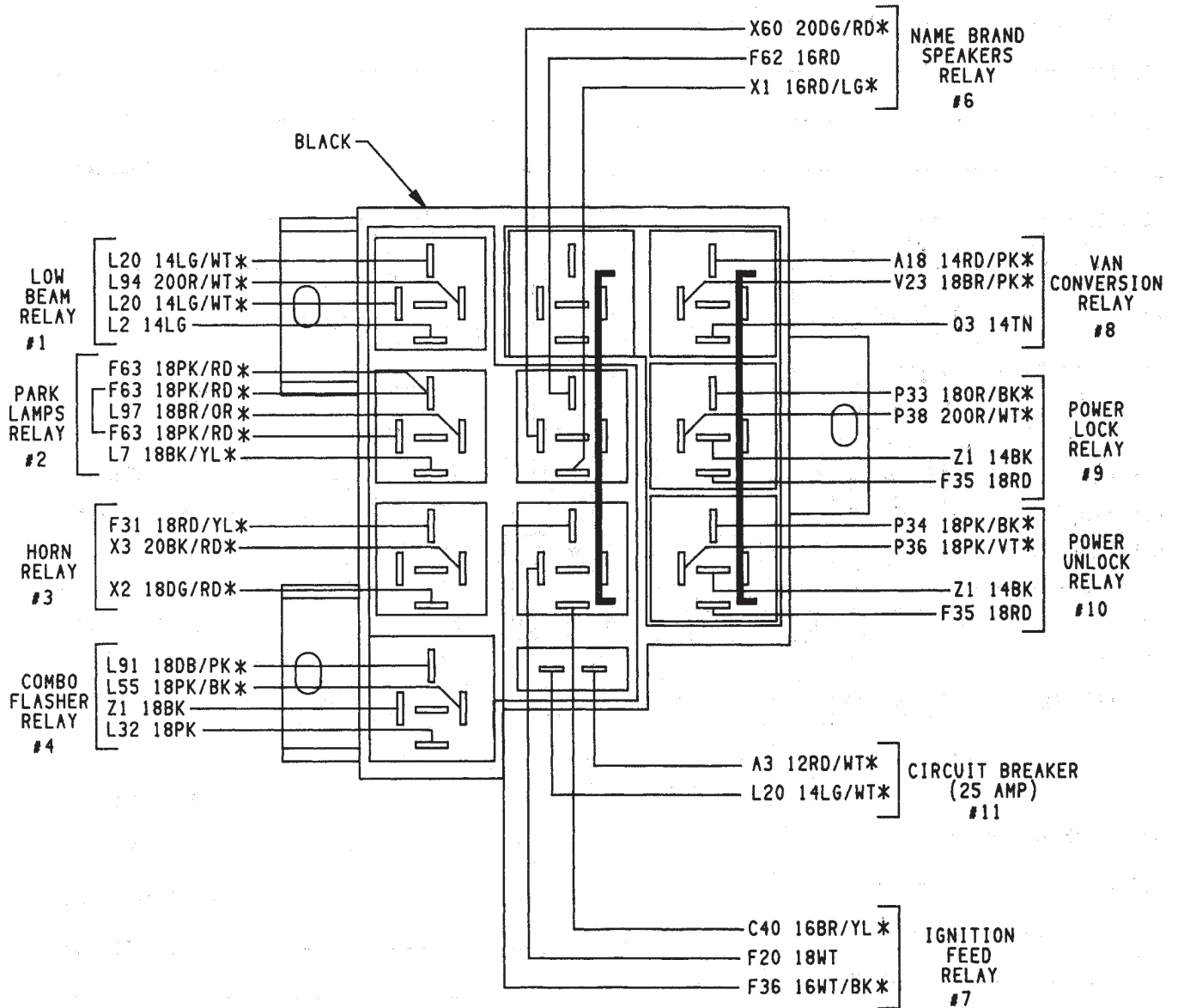




FUSE #	AMPS	COLOR	SHEET
1	20	YELLOW	1, 5, 8, 11, 15, 17, 19, 65
2	10	RED	2, 120, 130
3	20	YELLOW	1, 68, 91, 94, 119, 121, 127
4	20	YELLOW	2, 121
5	20	YELLOW	2, 14, 82
6	10	RED	2, 91, 94
7	20	YELLOW	1, 65
8	20	YELLOW	2, 14, 16, 18, 116, 119, 137
9	7.5	BROWN	1, 54, 56, 58, 60
10	—	—	—
11	—	—	—
12	—	—	—
13	20	YELLOW	3, 14, 21, 133
14	2	GRAY	3, 14, 21, 50
15	10	RED	3, 14, 21, 79, 137
16	—	—	—
17	10	RED	3, 54, 56, 58, 60, 66
18	10	RED	3, 115
19	20	YELLOW	4, 49, 125
20	20	YELLOW	4, 115, 117, 125
21	20	YELLOW	1, 115
22	20	YELLOW	1, 66
23	20	YELLOW	1, 5, 8, 11, 25, 63, 64, 77, 91
24	20	YELLOW	1, 128
25	30	CIRCUIT BREAKER (POWER WINDOWS & VENTS)	3, 14, 69, 123
26	30	LIGHT GREEN	2, 14, 98, 101, 105, 109, 113
27	30	CIRCUIT BREAKER (POWER SEAT)	4, 125
28	20	YELLOW	4, 62, 125



FRONT OF FUSEBLOCK



VIEWED FROM TERMINAL END

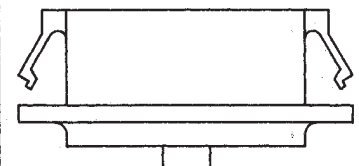
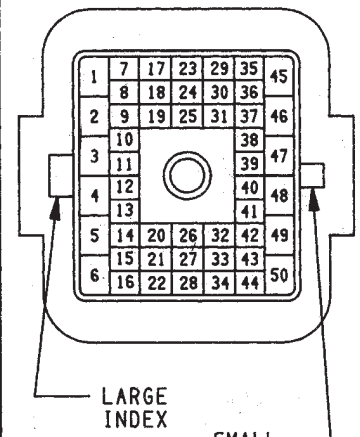


CAV	CIRCUIT	FUNCTION	SHEET
1	A3 12RD/WT*	HEADLAMP & BUSS BAR FEED	7,10,13,25,62,125
2	A6 12RD/BK*	PARK LAMPS, FOG LAMPS FEED	5,8,11,25,63,64,66,77,91,115,128
3	A18 14RD/PK*	VAN CONV. FEED (RELAY CONTACT)	10,13,51,52,133
4	A41 14YL	ENGINE STARTER RELAY	14,15,17,19
5	—	—	—
6	L3 16RD/OR*	HEADLAMP (HIGH BEAM)	53,55,57,59,61,66,79
6	L3 16RD/OR*	HEADLAMP (HIGH BEAM)	53,55,57,59,61,66,79
7	V30 22DB/RD*	STOP LAMP SWITCH/VEHICLE SPEED CONTROL	49
8	V37 20RD/LG*	VEHICLE SPEED CONTROL MODE SELECT	49
9	G31 20VT/LG	AMBIENT AIR SENSOR SIGNAL	70
10	G32 20BK/LB*	AMBIENT AIR SENSOR RETURN	70
* 11	D2 18WT/BK *	SERIAL BUSS (B-)	25,63,64,70
* 12	D1 18VT/BR*	SERIAL BUSS (B+)	25,63,64,70
13	L43 20VT	LEFT HEADLAMP FEED	54,56,58,60,66
14	L44 20VT/RD*	RIGHT HEADLAMP FEED	53,55,57,59
15	G24 22GY/PK*	SERVICE REMINDER INDICATOR LAMP	21,28,35,79
16	G19 20LG/BK*	WARNING LAMP (AMBER) ANTI-LOCK BRAKES	79,134
17	G20 22VT/YL*	ENGINE COOLANT TEMP SENDING UNIT	43,47,48
18	G6 20GY	ENGINE OIL PRESSURE SWITCH	47,48
19	G60 22GY/YL*	ENGINE OIL PRESSURE SENDING UNIT	47,48
20	L39 18LB	FOG LAMP FEED	54,56,58,60,115
21	L61 18LG	LEFT FRONT TURN SIGNAL AND INDICATOR	54,56,58,60,96
22	L60 18TN	RIGHT FRONT TURN SIGNAL AND INDICATOR	53,55,57,59,96
23	A15 14PK	HAZARD FLASHER FEED	5,8,11,15,17,19,65
24	V4 18RD/YL*	WIPER MOTOR HIGH SPEED	81
25	V3 18BR/WT*	WIPER LW SPD & INTERM WITH PWUSE WIPE	82
26	L7 18BK/YL*	PULSE WIPER PARK (B-) DWELL	54,56,58,60
27	F20 18WT	IGNITION FEED FOR EVIC	16,18,63,115,119
28	L1 18VT/BK*	BACK-UP LAMPS FEED	16,18,63,76,132
29	V10 18BR	WASHER PUMP MOTOR FD/BC PULSE OR SIGN	81
30	G29 22BK/TN*	LOW WASHER FLUID IND LEVEL SENSOR	82
31	—	—	—
32	X2 18DG/RD*	HORN FEED (FROM RELAY)	62
33	C21 18DB/OR*	A/C DAMPED PRESSURE SWITCH	99,102,103,106,107,110,111,114
34	G9 20GY/BK*	BRAKE WARNING LAMP SWITCH PROP VALVE	14,134
35	V7 18DG/WT*	WIPER MOTOR FEED	82
36	V6 18DB	WINDSHIELD WIPER MOTOR	82
* 37	B3 20LG/DB*	LEFT REAR WHEEL SENSOR	136
* 38	B4 20LG	LEFT REAR WHEEL SENSOR	136
* 39	B1 20YL/DB*	RIGHT REAR WHEEL SENSOR	136
* 40	B2 20YL	RIGHT REAR WHEEL SENSOR	136
41	K29 20WT/PK*	BRAKE SENSE SIGNAL	49
42	L50 18WT/TN*	STOP LAMP SWITCH	136
43	D11 20WT/VT	ANTI-LOCK BRAKES (SIGNAL IN)	136
44	D12 20OR	ANTI-LOCK BRAKES (SIGNAL OUT)	136
45	A141 14DG/BK*	FUEL PUMP FEED	25,76
46	G7 20WT/OR*	VEHICLE SPEED SIGNAL	24,31,37,42,61,88
47	A21 14DB	IGNITION START/RUN	14,21,28,35,40
48	A4 12BK/RD*	HEATED REAR WINDOW & BODY LAMPS FEED	51,52,119,121
49	A1 12RD	IGNITION SWITCH FEED (RUN-START-ACC)	7,10,13,14
50	A2 12PK/BK*	IGNITION SWITCH FEED (RUN ONLY)	7,10,13,14

\*-INDICATES TWISTED PAIRS D1 + D2.  
B1 + B2 AND B3 + B4.

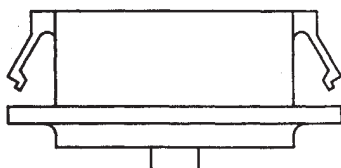
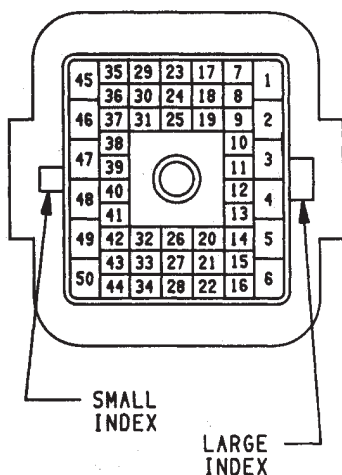


TERMINAL END  
OF DISCONNECT





TERMINAL END  
OF DISCONNECT



\*-INDICATES TWISTED PAIR

CAV	CIRCUIT	FUNCTION	SHEET
1	A3 12RD/WT*	HEADLAMP SWITCH FEED	7,62,125
2	A6 12RD	PARK LAMPS FEED (FRONT AND REAR)	5,25,63,64,66,77,91,115,128
3	A18 12RD/BK*	VAN CONV. FEED (RELAY CONTACT)	51,52,133
4	A41 14YL	ENGINE STARTER RELAY	14,15
5	—	—	—
6	L3 16RD/OR*	HEADLAMP (HIGH-BEAM)	53,55,61,66,79
7	V30 20DB/RD*	STOP LAMP SWITCH VEHICLE SPEED CONTROL	49
8	V37 20RD/LG*	VEHICLE SPEED CONTROL MODE SELECT	49
9	G31 20VT/LG*	AMBIENT AIR SENSOR SIGNAL	70
10	G32 20BK/LB*	AMBIENT AIR SENSOR RETURN	70
* 11	D2 20WT/BK *	SERIAL BUSS (B-)	25,63,64,70
* 12	D1 20VT/BR*	SERIAL BUSS (B+)	25,63,64,70
13	L43 20VT	LEFT HEADLAMP FEED (LOW-BEAM)	54,56,66
14	L44 20VT/RD*	RIGHT HEADLAMP OR LAMP OUTAGE FEED	53,55
15	G24 20GY/PK*	SERVICE REMINDER INDICATOR LAMP	21,79
16	—	—	—
17	G20 20VT/YL*	ENGINE COOLANT TEMP SENDING UNIT	47
18	G6 20GY	ENGINE OIL PRESSURE SENDING UNIT	47
19	G60 20GY/YL*	ENGINE OIL PRESSURE SENDING UNIT	47
20	L39 18LB	FOG LAMP FEED	54,56,115
21	L61 18LG	LEFT FRONT TURN SIGNAL AND INDICATOR	54,56,96
22	L60 18TN	RIGHT FRONT TURN SIGNAL AND INDICATOR	53,55,96
23	A15 14PK	HAZARD FLASHER FEED	5,15,65
24	V4 18RD/YL*	WINDSHIELD WIPER HIGH SPEED	82
25	V3 18BK/WT*	WINDSHIELD WIPER LOW SPEED & INTERM	82
26	L7 18BK/YL*	TAIL, LICENSE, SIDE MARKER, AND PARKING LAMPS	54,56
26	L7 18BK/YL*	TAIL, LICENSE, SIDE MARKER, AND PARKING LAMPS	54,56
27	F20 18WT	IGNITION FEED FOR EVIC	16,115,119
28	L1 18VT/BK*	BACK-UP LAMPS FEED	16,76,132
29	V10 18BR	WINDSHIELD WASHER	81
30	G29 20BK/TN*	LOW WASHER FLUID IND LEVEL SENSOR	82
31	—	—	—
32	X2 18DG/RD*	HORN FEED (FROM RELAY)	62
33	C21 18DB/OR*	A/C DAMPED PRESSURE SWITCH	99,102
34	G9 20GY/BK*	BRAKE WARNING LAMP SWITCH PROP VALVE	14,134
35	V7 18DG/WT*	WINDSHIELD WIPER MOTOR	82
36	V6 18DB	WINDSHIELD WIPER MOTOR	82
37	—	—	—
38	—	—	—
39	—	—	—
40	—	—	—
41	K29 18WT/PK*	BRAKE SENSE SIGNAL	49
42	—	—	—
43	—	—	—
44	—	—	—
45	A141 16DG/BK*	FUEL PUMP MOTOR FEED	25,76
46	G7 20WT/OR*	VEHICLE SPEED SIGNAL	24,61,88
46	G7 20WT/OR*	BATTERY FEED OPTICAL HORN	24,61,88
47	A21 14DB	IGNITION START/RUN	14,21
48	A4 12BK/RD *	HEATED REAR WINDOW FEED	51,52,119,121
49	A1 12RD	BATTERY FEED IGNITION SWITCH FEED (RUN/START)	7,14
50	A2 12PK/BK*	BATTERY FEED IGNITION SWITCH FEED (RUN ONLY)	7,14

50 WAY BULKHEAD DISCONNECT  
(2.5L ENGINE)

AS-HK 147

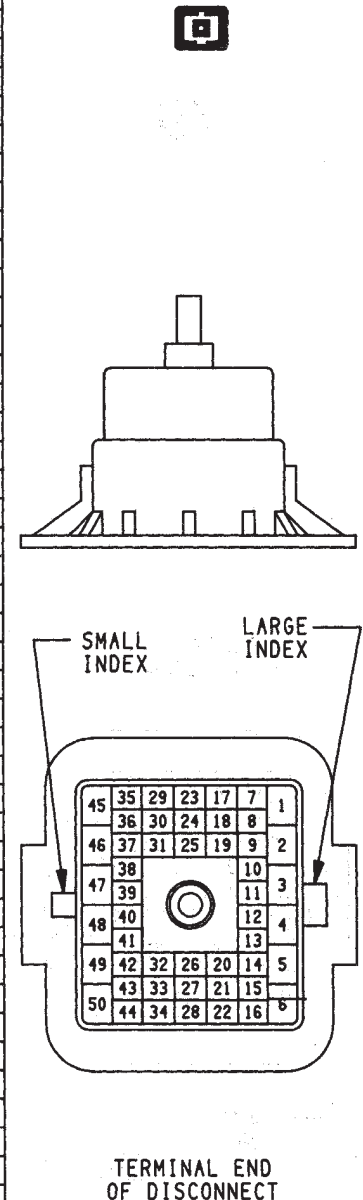
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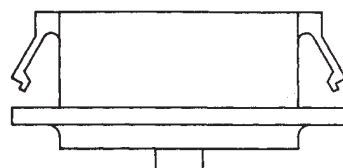
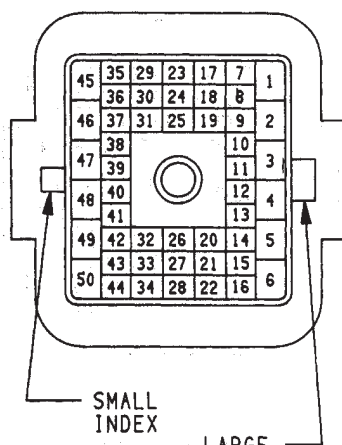
CAV	CIRCUIT	FUNCTION	SHEET
1	A3 12RD/WT	HEADLAMP SWITCH FEED	10,62,125
2	A6 12RD	PARK LAMPS FEED (FRONT & REAR)	8,64,66,77,91, 115,128
3	A18 12RD/BK*	VAN CONV FEED (RELAY CONTACT)	10,52,133
4	A41 14YL	ENGINE STARTER RELAY	14,17
5	—	—	—
6	L3 16RD/OR*	HEADLAMP (HIGH-BEAM)	53,55,61,66,79
7	V30 20DB/RD*	STOP LAMP SWITCH VEHICLE SPEED CONTROL	49
8	V37 20RD/LG*	VEHICLE SPEED CONTROL MODE SELECT	49
9	G31 20VT/LG*	AMBIENT AIR SENSOR SIGNAL	70
10	G32 20BK/LB*	AMBIENT AIR SENSOR RETURN	70
* 11	D2 20WT/BK *	SERIAL BUSS B—	64,70
* 12	D1 20VT/BR *	SERIAL BUSS B+	64,70
13	L43 20VT	LEFT HEADLAMP FEED (LOW-BEAM)	54,56,66
14	L44 20VT/RD*	RIGHT HEADLAMP OR LAMP OUTAGE FEED	53,55
15	G24 22GY/PK*	SERVICE REMINDER INDICATOR LAMP	28,79
16	—	—	—
17	G20 20VT/YL*	ENGINE COOLANT TEMPERATURE SENDING UNIT	47
18	G6 20 GY	ENGINE OIL PRESSURE SENDING UNIT	47
19	G60 20GY/YL*	ENGINE OIL PRESSURE SENDING UNIT	47
20	L39 18LB	FOG LAMP FEED	54,56,115
21	L61 18LG	LEFT FRONT TURN SIGNAL AND INDICATOR	54,56,96
22	L60 18TN	RIGHT FRONT TURN SIGNAL AND INDICATOR	53,55,96
23	A15 14PK	HAZARD FLASHER FEED	8,17,65
24	V4 18RD/YL*	WINDSHIELD WIPER HIGH SPEED	82
25	V3 18BR/WT*	WINDSHIELD WIPER LOW SPEED & INTRM	82
26	L7 18BK/YL*	TAIL, LIC, SIDE MARKER, & PARK LAMPS	54,56
26	L7 18BK/YL*	TAIL, LIC, SIDE MARKER, & PARK LAMPS	54,56
27	F20 18WT	IGNITION FEED FOR EVIC	18,115,119
28	L1 18VT/BK*	BACK-UP LAMPS FEED	18,76
29	V10 18BR	WINDSHIELD WASHER	81
30	G29 20BK/TN*	LOW WASHER FLUID IND LEVEL SENSOR	82
31	—	—	—
32	X2 18DG/RD*	HORN FEED (FROM RELAY)	62
33	C21 18DB/OR*	A/C DAMPED PRESSURE SWITCH	103,106
34	G9 20GY/BK*	BRAKE WARNING LAMP SWITCH PROP VALVE	14,134
35	V7 18DG/WT*	WINDSHIELD WIPER MOTOR	82
36	V6 18DB	WINDSHIELD WIPER MOTOR	82
37	—	—	—
38	—	—	—
39	—	—	—
40	—	—	—
41	K29 18WT/PK*	BRAKE SENSE SIGNAL	49
42	—	—	—
43	—	—	—
44	—	—	—
45	A141 16DG/BK*	FUEL PUMP MOTOR FEED	76
46	G7 20WT/OR*	VEHICLE SPEED SIGNAL	31,61,88
46	G7 20WT/OR*	VEHICLE SPEED SIGNAL	31,61,88
47	A21 14DB	IGNITION START/RUN	14,28
48	A4 12BK/RD*	HEATED REAR WINDOW FEED	52,119,121
49	A1 12RD	FEED IGNITION SWITCH FEED (RUN/START)	10,14
50	A2 12PK/BK*	FEED IGNITION SWITCH FEED (RUN ONLY)	10,14

\*-INDICATES TWISTED PAIR

50 WAY BULKHEAD DISCONNECT  
(3.0L ENGINE W/O TCM)



TERMINAL END  
OF DISCONNECT



\*-INDICATES TWISTED PAIR

CAV	CIRCUIT	FUNCTION	SHEET
1	A3 12RD/WT*	HEADLAMP SWITCH FEED	10,62,125
2	A6 12RD	PARK LAMPS FEED (FRONT AND REAR)	8,63,66,77,91 115,128
3	A18 12RD/BK*	VAN CONV FEED (RELAY CONTACT)	10,51,133
4	A41 14YL	ENGINE STARTER RELAY	14,19
5	—	—	—
6	L3 16RD/OR*	HEADLAMP (HIGH-BEAM)	53,55,57,59,61, 66,79
7	V30 20DB/RD*	STOP LAMP SWITCH VEHICLE SPEED CONTROL	49
8	V37 20RD/LG*	VEHICLE SPEED CONTROL MODE SELECT	49
9	G31 20VT/LG*	AMBIENT AIR SENSOR SIGNAL	70
10	G32 20BK/LB*	AMBIENT AIR SENSOR RETURN	70
* 11	D2 20WT/BK *	SERIAL BUSS (B-)	63,70
* 12	D1 20VT/BR*	SERIAL BUSS (B+)	63,70
13	L43 20VT	LEFT HEADLAMP FEED (LOW-BEAM)	54,56,66
14	L44 20VT/RD*	RIGHT HEADLAMP OR LAMP OUTAGE FEED	53,55
15	G24 20GY/PK*	SERVICE REMINDER INDICATOR LAMP	35,79
16	—	—	—
17	G20 20VT/YL*	ENGINE COOLANT TEMPERATURE SENDING UNIT	48
18	G6 20GY	ENGINE OIL PRESSURE SENDING UNIT	48
19	G60 20GY/YL*	ENGINE OIL PRESSURE SENDING UNIT	48
20	L39 18LB	FOG LAMP FEED	54,56,115
21	L61 18LG	LEFT FRONT TURN SIGNAL AND INDICATOR	54,56,96
22	L60 18TN	RIGHT FRONT TURN SIGNAL AND INDICATOR	53,55,96
23	A15 14PK	HAZARD FLASHER FEED	8,19,65
24	V4 18RD/YL*	WINDSHIELD WIPER HIGH SPEED	82
25	V3 18BK/WT*	WINDSHIELD WIPER LOW SPEED & INTERM	82
26	L7 18BK/YL*	TAIL, LICENSE, SIDE MARKER, AND PARKING LAMPS	54,56
26	L7 18BK/YL*	TAIL, LICENSE, SIDE MARKER, AND PARKING LAMPS	54,56
27	F20 18WT	IGNITION FEED FOR EVIC	63,115,119
28	L1 18VT/BK*	BACK-UP LAMPS FEED	63,76,132
29	V10 18BR	WINDSHIELD WASHER	81
30	G29 20BK/TN *	LOW WASHER FLUID INDIC LEVEL SENSOR	82
31	—	—	—
32	X2 18DG/RD*	HORN FEED (FROM RELAY)	62
33	C21 18DB/OR*	A/C DAMPED PRESSURE SWITCH	107,110
34	G9 20GY/BK*	BRAKE WARNING LAMP SWITCH PROP VALVE	14,134
35	V7 18DG/WT*	WINDSHIELD WIPER MOTOR	82
36	V6 18DB	WINDSHIELD WIPER MOTOR	82
37	—	—	—
38	—	—	—
39	—	—	—
40	—	—	—
41	K29 18WT/PK*	BRAKE SENSE SIGNAL	49
42	—	—	—
43	—	—	—
44	—	—	—
45	A141 16DG/BK*	FUEL PUMP MOTOR FEED	76
46	G7 20WT/OR*	VEHICLE SPEED SIGNAL	37,61,88
46	G7 20WT/OR*	VEHICLE SPEED SIGNAL	37,61,88
47	A21 14DB	IGNITION START/RUN	14,35
48	A4 12BK/RD *	HEATED REAR WINDOW FEED	51,119,121
49	A1 12RD	IGNITION SWITCH FEED (RUN/START)	10,14
50	A2 12PK/BK*	IGNITION SWITCH FEED (RUN ONLY)	10,14

50 WAY BULKHEAD DISCONNECT  
(3.0L ENGINE WITH TCM)

AS-HK 149

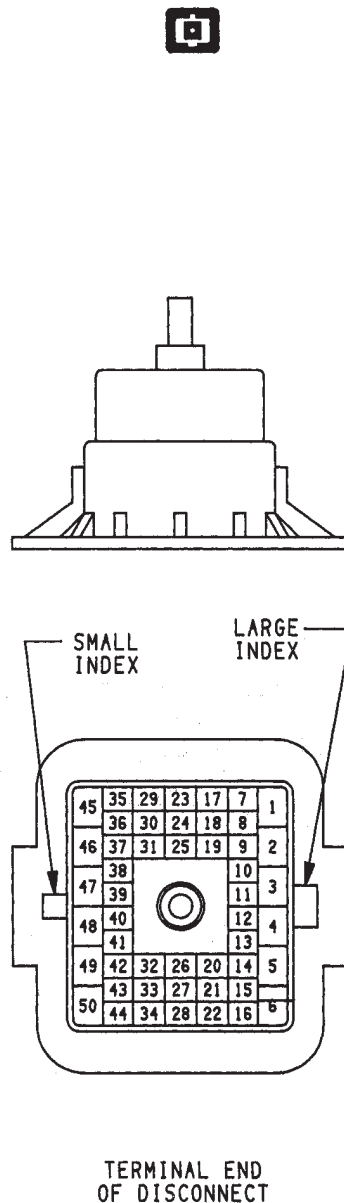
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CAV	CIRCUIT	FUNCTION	SHEET
1	A3 12RD/WT*	HEADLAMP SWITCH FEED	13,62,125
2	A6 12RD	PARK LAMPS FEED (FRONT & REAR)	11,63,66,77,91,115,128
3	A18 12RD/BK*	VAN CONV FEED (RELAY CONTACT)	13,51,52,133
4	A41 14YL	ENGINE STARTER RELAY	19
5	—	—	—
6	L3 16RD/OR*	HEADLAMP (HIGH-BEAM)	61,66,57,59,79
7	V30 20DB/RD*	STOP LAMP SWITCH VEHICLE SPEED CONTROL	49
8	V37 20RD/LG	VEHICLE SPEED CONTROL MODE SELECT	49
9	G31 20VT/LG*	AMBIENT AIR SENSOR SIGNAL	70
10	G32 20BK/LB*	AMBIENT AIR SENSOR RETURN	70
* 11	D2 20WT/BK *	SERIAL BUSS B—	63,70
* 12	D1 20VT/BR *	SERIAL BUSS B+	63,70
13	L43 20VT	LEFT HEADLAMP FEED (LOW-BEAM)	58,60,66
14	L44 20VT/RD*	RIGHT HEADLAMP OR LAMP OUTAGE FEED	57,59
15	G24 20GY/PK*	SERVICE REMINDER INDICATOR LAMP	79
16	G19 20LG/OR*	WARNING LAMP (AMBER) ANTI-LOCK BRAKES	79,134
17	G20 20VT/YL*	ENGINE COOLANT TEMPERATURE SENDING UNIT	43,48
18	G6 20GY	ENGINE OIL PRESSURE SENDING UNIT	48
19	G60 20GY/YL*	ENGINE OIL PRESSURE SENDING UNIT	48
20	L39 18LB	FOG LAMP FEED	58,60,115
21	L61 18LG	LEFT FRONT TURN SIGNAL AND INDICATOR	58,60,96
22	L60 18TN	RIGHT FRONT TURN SIGNAL AND INDICATOR	57,59,96
23	A15 14PK	HAZARD FLASHER FEED	11,19,65
24	V4 18RD/YL*	WINDSHIELD WIPER HIGH SPEED	82
25	V3 18BR/WT*	WINDSHIELD WIPER LOW SPEED & INTRM	82
26	L7 18BK/YL*	TAIL, LIC, SIDE MARKER, & PARK LAMPS	58,60
26	L7 18BK/YL*	TAIL, LIC, SIDE MARKER, & PARK LAMPS	58,60
27	F20 18WT	IGNITION FEED FOR EVIC	63,111,115,119
28	L1 18VT/BK*	BACK-UP LAMPS FEED	63,76,132
29	V10 18BR	WINDSHIELD WASHER	81
30	G29 20BK/TN*	LOW WASHER FLUID IND LEVEL SENSOR	82
31	—	—	—
32	X2 18DG/RD*	HORN FEED (FROM RELAY)	62
33	C21 18DB/OR*	A/C DAMPED PRESSURE SWITCH	111,114
34	G9 20GY/BK*	BRAKE WARNING LAMP SWITCH PROP VALVE	14,134
35	V7 18DG/WT*	WINDSHIELD WIPER MOTOR	82
36	V6 18DB	WINDSHIELD WIPER MOTOR	82
* 37	B3 20LG/DB*	LEFT REAR WHEEL SENSOR (—)	136
* 38	B4 20LG	LEFT REAR SHEEL SENSOR (+)	136
* 39	B1 20YL/DB*	RIGHT REAR SHEEL SENSOR (—)	136
* 40	B2 20YL	RIGHT REAR WHEEL SENSOR (+)	136
41	K29 18WT/PK*	BRAKE SENSE SIGNAL	49
42	L50 18WT/TN*	STOP LAMP SWITCH	136
43	D11 20WT/VT*	DIAGNOSTICS ANTI-LOCK BRAKES (SIG IN)	63,136
44	D12 20OR	DIAGNOSTICS ANTI-LOCK BRAKES (SIG OUT)	63,136
45	A141 16DG/BK*	FUEL PUMP MOTOR FEED	76
46	G7 20WTOR*	VEHICLE SPEED SIGNAL	42,61,88
46	G7 20WTOR*	VEHICLE SPEED SIGNAL	42,61,88
47	A21 140B	IGNITION START/RUN	14,40
48	A4 12BK/RD*	HEATED REAR WINDOW FEED	51,52,119,121
49	A1 12RD	IGNITION SWITCH FEED (RUN/START)	13,14
50	A2 12PK/BK*	IGNITION SWITCH FEED (RUN ONLY)	13,14

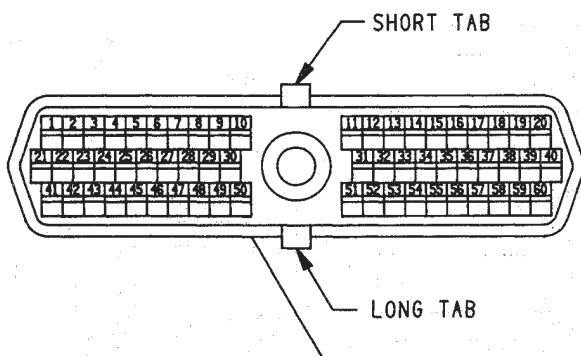
\*-INDICATES TWISTED PAIR

## 50 WAY BULKHEAD DISCONNECT (3.3L ENGINE)

938W-7



AS-HK 150

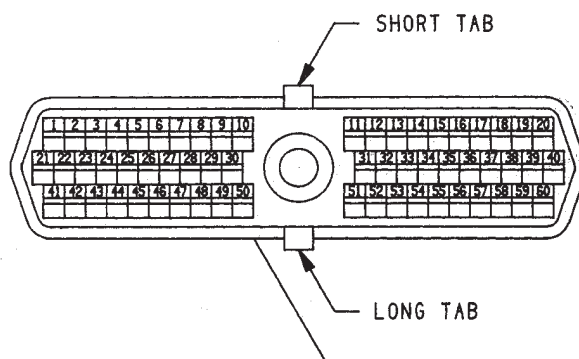
VIEWED FROM TERMINAL  
END OF CONNECTOR

\*-INDICATES TWISTED PAIR

CAV	CIRCUIT	FUNCTION	SHEET
1	K1 20DG/RD*	MAP SENSOR	21
2	K2 20TN/BK*	ENGINE COOLANT TEMP SENSOR	24
3	A14 16RD/WT*	DIRECT BATTERY VOLTAGE	23
4	K4 18BK/LB*	SIGNAL REF	24
5	Z11 16BK/WT*	SIGNAL GRD	20
6	K6 20VT/WT*	5V OUTPUT	21
7	K7 180R	9 VOLT SUPPLY	24
8	F20 18WT	IGNITION FEED (START SIGNAL)	25
9	A21 14DB	IGNITION START /RUN	21
10	—	—	—
11	Z12 16BK/TN*	POWER GROUND	22
12	Z12 16BK/TN*	POWER GROUND	22
13	—	—	—
14	—	—	—
15	—	—	—
16	K11 18WT/DB*	FUEL INJECTOR #1	25
17	—	—	—
18	—	—	—
19	K19 18BK/GY*	IGNITION COIL DRIVER #1	22
20	K20 18DG	GENERATOR FIELD	25
21	—	—	—
22	K22 180R/DB*	THROTTLE POSITION (SENSOR) SIGNAL	20
23	V37 20RD/LG*	VEHICLE SPEED CONTROL	49
24	K24 18GY/BK*	DISTRIBUTOR IGNITION SIGNAL (+)	24
25	D21 20PK	DATA LINK TRANSMIT	23
26	D1 20VT/BR*	SERIAL BUSS B+	25,64
27	C20 18BR	A/C DAMPED PRESSURE SWITCH	22
28	—	—	—
29	K29 18WT/PK*	BRAKE SENSE SIGNAL	49
30	T41 20BR/YL*	ENGINE STARTER RELAY	24
31	C24 20DB/PK*	LOW SPEED FAN RELAY	22
32	—	—	—
33	V36 20TN/RD*	VEHICLE SPEED CONTROL VACUUM	49
34	C13 20DB/OR*	A/C COMPRESSOR CLUTCH RELAY	22
35	K35 20GY/YL*	EXHAUST GAS RECIRC SOLENOID	21
36	G24 20GY/PK*	SRI	21
37	—	—	—
38	—	—	—
39	K39 18GY/RD*	IDLE AIR CONTROL	20
40	K40 18BR/WT*	IDLE AIR CONTROL	20
41	K41 18BK/DG*	HEATED OXYGEN SENSOR SIGNAL	20
42	—	—	—
43	—	—	—
44	—	—	—
45	D20 20LG	DATA LINK RECEIVE	23
46	D2 20WT/BK*	SERIAL BUSS B—	25,64
47	G7 20WT/OR*	VEHICLE SPEED SENSOR	24
48	—	—	—
49	—	—	—
50	—	—	—
51	K51 20DB/YL*	AUTOMATIC SHUT DOWN SIGNAL	23
52	K52 20PK/BK*	EVAP/PURGE SOLENOID SIGNAL	21
53	V35 20LG/RD*	VEHICLE SPEED CONTROL VENT	49
54	K54 180R/BK*	TRANSMISSION EMCC SOLENOID	24
55	C137 20YL	HIGH SPEED FAN RELAYS	22
56	—	—	—
57	A142 16DG/OR*	INJ SENSE	23
58	—	—	—
59	K59 18VT/BK*	IDLE AIR CONTROL	20
60	K60 18YL/BK*	IDLE AIR CONTROL	20

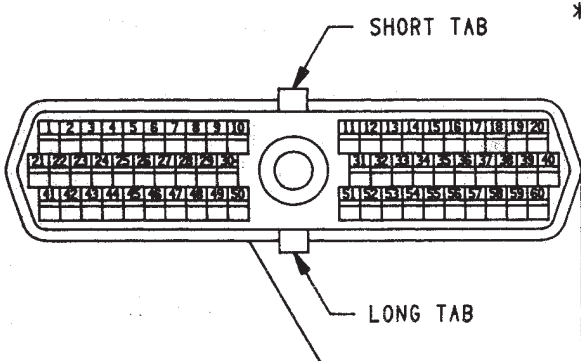


CAV	CIRCUIT	FUNCTION	SHEET
1	K1 20DG/RD*	MAP SENSOR	30
2	K2 18TN/BK *	ENGINE COOLANT TEMP SENSOR	32
3	A14 16RD/WT*	DIRECT BATTERY VOLTAGE	29
4	K4 18BK/LB*	SIGNAL REF	31
5	Z11 16BK/WT*	SIGNAL GROUND	28
6	K6 20VT/WT*	5V OUTPUT	30
7	K7 18OR	9 VOLT SUPPLY	31
8	—	—	—
9	A21 14DB	IGNITION START/RUN	28
10	—	—	—
11	Z12 16BK/TN*	POWER GROUND	28
12	Z12 16BK/TN*	POWER GROUND	28
13	K14 18LB/BR*	FUEL INJECTOR #4	26
14	K13 18YL/WT*	FUEL INJECTOR #3	26
15	K12 18TN	FUEL INJECTOR #2	26
16	K11 18WT/DB*	FUEL INJECTOR #1	26
17	—	—	—
18	—	—	—
19	K19 18BK/GY*	IGNITION COIL DRIVER #1	29
20	K20 18DG	GENERATOR FIELD	26
21	—	—	—
22	K22 18OR/DB*	THROTTLE POSITION (SENSOR) SIGNAL	30
23	V37 20RD/LG*	VEHICLE SPEED CONTROL	49
24	K24 18GY/BK*	DISTRIBUTOR IGNITION SIG(+)	31
25	D21 20PK	DATA LINK TRANSMIT	29
* 26	D1 20VT/BR*	SERIAL BUSS B+	64
27	C20 18BR	A/C DAMPED PRESSURE SWITCH	29
28	—	—	—
29	K29 18WT/PK*	BRAKE SENSE SIGNAL	49
30	T41 20BR/YL*	ENGINE STARTER RELAY	32
31	C24 20DB/PK*	LOW SPEED FAN RELAY	29
32	C137 20YL	HIGH SPEED FAN RELAYS	29
33	V36 20TN/RD*	VEHICLE SPEED CONTROL VACUUM	49
34	C13 20DB/OR*	A/C COMPRESSOR CLUTCH RELAY	29
		COIL GROUND (B-)	
35	K35 20GY/YL*	EGR TRANSDUCER SIGNAL	32
36	G24 20GY/PK*	SRI	28
37	—	—	—
38	K38 18GY	FUEL INJECTOR #5	26
39	K39 18GY/RD*	IDLE AIR CONTROL	30
40	K40 18BR/WT*	IDLE AIR CONTROL	30
41	K41 18BK/DG*	HEATED OXYGEN SENSOR SIGNAL	27
42	—	—	—
43	—	—	—
44	K44 18TN/YL*	DISTRIBUTOR IGNITION SIGNAL	31
45	D20 20LG	DATA LINK RECEIVE	29
* 46	D2 20WT/BK*	SERIAL BUSS B-	64
47	G7 20WT/OR*	VEHICLE SPEED SENSOR SIG	31
48	—	—	—
49	—	—	—
50	—	—	—
51	K51 20DB/YL*	AUTOMATIC SHUT DOWN SIGNAL	29
52	K52 20PK/BK*	EVAP PURGE SOLENOID SIGNAL	27
53	V35 20LG/RD*	VEHICLE SPEED CONTROL VENT	49
54	K54 18OR/BK*	TRANSMISSION EMCC SOLENOID	26
55	—	—	—
56	—	—	—
57	A142 16DG/OR*	INJ SENSE	29
58	K58 18BR/DB*	FUEL INJECTOR #6	26
59	K59 18VT/BK*	IDLE AIR CONTROL	30
60	K60 18YL/BK*	IDLE AIR CONTROL	30



VIEWED FROM TERMINAL  
END OF CONNECTOR

\*-INDICATES TWISTED PAIR

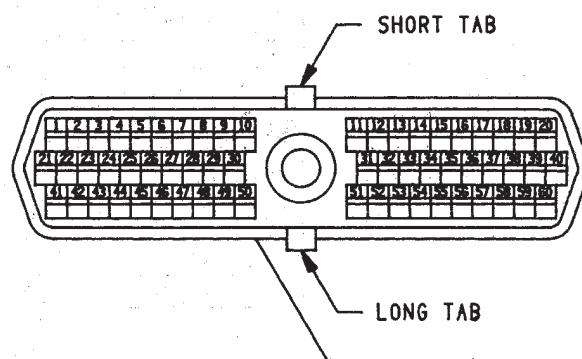


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END OF CONNECTOR

\*-INDICATES TWISTED PAIR

CAV	CIRCUIT	FUNCTION	SHEET
1	K1 20DG/RD*	MAP SENSOR	39
2	K2 18TN/BK*	ENGINE COOLANT TEMP SENSOR	38
3	A14 16RD/WT*	DIRECT BATTERY VOLTAGE	36
4	K4 18BK/LB*	SIGNAL REF	37
5	Z11 16BK/WT*	SIGNAL GROUND	35
6	K6 20VT/WT*	5 VOLT OUTPUT	39
7	K7 18OR	9 VOLT SUPPLY	37
8	—	—	—
9	A21 14DB	IGNITION START/RUN	35
10	—	—	—
11	Z12 16BK/TN*	POWER GROUND	36
12	Z12 16BK/TN*	POWER GROUND	36
13	K14 18LB/BR*	FUEL INJECTOR #4	33
14	K13 18YL/WT*	FUEL INJECTOR #3	33
15	K12 18TN	FUEL INJ #2 & #5	33
16	K11 18WT/DB*	FUEL INJECTOR #1	33
17	—	—	—
18	—	—	—
19	K19 18BK/GY*	IGNITION COIL DRIVER	36
20	K20 18DG	GENERATOR FIELD	33
21	—	—	—
22	K22 18OR/DB*	THROTTLE POSITION(SENSOR) SIGNAL	39
23	V37 20RD/LG*	VEHICLE SPEED CONTROL	49
24	K24 18GY/BK*	DISTRIBUTOR IGNITION SIGNAL(+)	37
25	D21 20PK	DATA LINK TRANSMIT	36
26	D1 20VT/BR*	SERIAL BUSS B+	63
27	C20 18BR	A/C DAMPED PRESSURE SWITCH	36
28	—	—	—
29	K29 18WT/PK*	BRAKE SENSE SIGNAL	49
30	T41 20BR/YL*	ENGINE STARTER RELAY	36
31	C24 20DB/PK*	LOW SPEED FAN RELAY	36
32	C137 20YL	HIGH SPEED FAN RELAYS	36
33	V36 20TN/RD*	VEHICLE SPEED CONTROL (VACUUM)	49
34	C13 20DB/OR*	A/C COMPRESSOR CLUTCH RELAY	36
35	K35 20GY/YL*	EGR TRANSDUCER SIGNAL	38
36	G24 20GY/PK*	SRI	35
37	—	—	—
38	K38 18GY	FUEL INJECTOR #5	33
39	K39 18GY/RD*	IDLE AIR CONTROL	39
40	K40 18BR/WT*	IDLE AIR CONTROL	39
41	K41 18BK/DG*	HEATED OXYGEN SENSOR SIGNAL	34
42	—	—	—
43	—	—	—
44	K44 18TN/YL*	DISTRIBUTOR IGNITION SIGNAL	37
45	D20 20LG	DATA LINK RECEIVE	36
46	D2 20WT/BK*	SERIAL BUSS B—	63
47	G7 20WT/OR*	VEHICLE SPEED SENSOR SIGNAL	37
48	—	—	—
49	—	—	—
50	—	—	—
51	K51 20DB/YL*	AUTOMATIC SHUT DOWN SIGNAL	36
52	K52 20PK/BK*	EVAP PURGE SOLENOID SIGNAL	34
53	V35 20LG/RD*	VEHICLE SPEED CONTROL VENT	49
54	—	—	—
55	—	—	—
56	—	—	—
57	A142 16DG/OR*	INJ SENSE	36
58	K58 18BR/DB*	FUEL INJECTOR #6	33
59	K59 18VT/BK*	IDLE AIR CONTROL	39
60	K60 18YL/BK*	IDLE AIR CONTROL	39

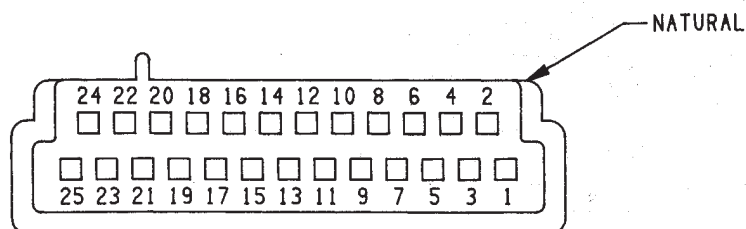
CAV	CIRCUIT	FUNCTION	SHEET
1	K1 20DG/RD*	MAP SENSOR	46
2	K2 20TN/BK *	ENGINE COOLANT TEMP SENSOR	43
3	A14 16RD/WT*	DIRECT BATTERY VOLTAGE	41
4	K4 18BK/LB*	SIGNAL REF	42
5	Z11 16BK/WT*	SIGNAL GROUND	40
6	K6 20VT/WT*	5V OUTPUT (MAP & THROTTLE POSITION SENSORS)	45
7	K7 18OR	9 VOLT SUPPLY	42
8	—	—	—
9	A21 14DB	IGNITION START/RUN	40
10	—	—	—
11	Z12 16BK/TN*	POWER GROUND	41
12	Z12 16BK/TN*	POWER GROUND	41
13	K14 18LB/BR*	FUEL INJECTOR #4	43
14	K13 18YL/WT*	FUEL INJECTOR #3	44
15	K12 18TN	FUEL INJECTOR #2	44
16	K11 18WT/DB*	FUEL INJECTOR #1	44
17	K17 18DB/YL*	IGNITION COIL DRIVER #2	44
18	K18 18RD/YL*	IGNITION COIL DRIVER #3	44
19	K19 18BK/GY*	IGNITION COIL DRIVER #1	44
20	K20 18DG	VOLTAGE REGULATOR	42
21	—	—	—
22	K22 18OR/DB*	THROTTLE POSITION (SENSOR) SIGNAL	45
23	V37 20RD/LG*	VEHICLE SPEED CONTROL	49
24	K24 18GY/BK*	CRANKSHAFT POSITION SENSOR	42
25	D21 20PK	DATA LINK TRANSMIT	41
* 26	D1 20VT/BR*	SERIAL BUSS B+	63
27	C20 18BR	A/C DAMPED PRESSURE SWITCH	41
28	—	—	—
29	K29 18WT/PK*	BRAKE SENSE SIGNAL	49
30	T41 20BR/YL*	ENGINE STARTER RELAY	45
31	C24 20DB/PK*	LOW SPEED FAN RELAY	41
32	—	—	—
33	V36 20TN/RD*	VEHICLE SPEED CONTROL VACUUM	49
34	C13 20DB/OR*	A/C COMPRESSOR CLUTCH RELAY COIL	41
35	K35 20GY/YL*	EGR TRANSDUCER SIGNAL	40
36	—	—	—
37	—	—	—
38	K38 18GY	FUEL INJECTOR #5	43
39	K39 18GY/RD*	IDLE AIR CONTROL	45
40	K40 18BR/WT*	IDLE AIR CONTROL	45
41	K41 18BK/DG*	HEATED OXYGEN SENSOR SIGNAL	46
42	—	—	—
43	—	—	—
44	K44 18TN/YL*	CAMSHAFT POSITION SENSOR	44
45	D20 20LG	DATA LINK RECEIVE	41
* 46	D2 20WT/BK*	SERIAL BUSS B—	63
47	G7 20WT/OR*	VEHICLE SPEED SENSOR SIGNAL	42
48	—	—	—
49	—	—	—
50	—	—	—
51	K51 20DB/YL*	AUTOMATIC SHUT DOWN SIGNAL	41
52	K52 20PK/BK*	EVAP/PURGE SOLENOID SIGNAL	40
53	V35 20LG/RD*	VEHICLE SPEED CONTROL VENT	49
54	—	—	—
55	C137 20YL	HIGH SPEED FAN RELAYS	41
56	—	—	—
57	A142 16DG/OR*	INJ SENSE	41
58	K58 18BR/DB*	FUEL INJECTOR #6	43
59	K59 18VT/BK*	IDLE AIR CONTROL	45
60	K60 18YL/BK*	IDLE AIR CONTROL	45



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END OF CONNECTOR

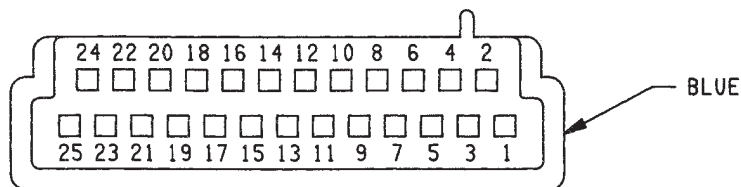
\*-INDICATES TWISTED PAIR





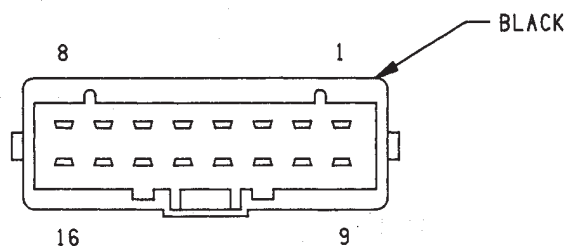
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CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	G74 18TN/RD*	DOOR AJAR SWITCH RIGHT FRONT DOOR	80,140
3	G76 18TN/YL*	DOOR AJAR SWITCH RIGHT REAR DOOR	80,140
4	G78 20TN/BK*	LIFTGATE AJAR SWITCH	73,132, 140
5	—	—	—
6	—	—	—
7	—	—	—
8	—	—	—
9	G6 20GY	LOW ENGINE OIL PRESSURE WARNING LAMP SWITCH	47,48, 140
10	D13 180R/DB*	LOW INSTRUMENT CLUSTER-DECODE	68,140
11	—	—	—
12	D14 18LB	HIGH INSTR CLUSTER-DECODE	68,140
13	G29 22BK/TN*	LOW WASHER FLUID LEVEL SENSOR	82,140
14	L60 18TN	RIGHT FRONT TURN SIGNAL AND INDICATOR	96,140
15	L94 200R/WT*	LOW-BEAM RELAY COIL (B-)	66,140
16	E1 22TN	FUSED DIMMABLE DISPLAY ILLUMINATED MODULE FEED	54,56,58, 60,140
17	—	—	—
18	L2 16LG	HEADLAMP DIMMER SWITCH FEED	66,140
19	E2 200R	INSTR PANEL ILLUM DIMMABLE	67,140
20	E92 200R/BK*	ILLUM MODULE DIMMING CONTROL	66,140
21	—	—	—
22	G60 22GY/YL*	ENGINE OIL PRESS SENDING UNIT	47,48,140
23	G20 22VT/YL *	ENGINE COOLANT TEMPERATURE SENDING UNIT	43,47 48,140
24	—	—	—
25	—	—	—



VIEWED FROM TERMINAL END

CAVITY	CIRCUIT	FUNCTION	SHEET
1	M32 20BK/LB*	CHIME GROUND	65,139
2	G75 18TN	DOOR AJAR SWITCH (LEFT FRONT DOOR)	80,139
3	G10 20LG/RD*	SEAT BELT WARNING SWITCH	77,139
4	G26 20LB	KEY-IN BUZZER/CHIME	77,139
5	L61 18LG	LEFT FRONT TURN SIGNAL & INDICATOR	96,139
6	E17 20YL/BK*	ELECTRONIC DISPLAY	65,139
7	M22 18WT	ILLUMINATED ENTRY RELAY GROUND	139,141
8	P35 18OR/VT*	POWER DOOR LOCK B+ (SWITCH)	127,139
9	V9 18DG/YL*	INTERMITTENT WIPER LEVEL	82,139
10	V10 18BR	WASHER PUMP MOTOR FD/BC PULSE OR SIGN	82,139
11	G4 20DB	FUEL TANK LEVEL GAUGE SENDING UNIT	76,139
12	G5 20DB/WT*	IGNITION RUN/START FEED	79,137,139
13	Z2 18BK/LG*	CLEAN ELECTRONIC GROUND	64,139
14	D1 18VT/BR*	SERIAL BUSS B+	70,139
15	D2 18WT/BK*	SERIAL BUSS B-	70,139
16	M1 18PK	COURTESY, DOME, VISOR, ILLUMINATED ENTRY	68,139
17	P38 20OR/WT*	AUTOMATIC DOOR LOCK RELAY COIL B+	127,139
18	Q33 20BR/LB*	VEHICLE SPEED SENSOR GROUND	121,139
19	M51 18YL/RD*	KEY-IN LIGHT GROUND	77,139
20	V7 18DG/WT*	PULSE WIPER PARK (B-) DWELL	82,139
21	G13 18DB/RD*	SEAT BELT LAMP	79,139
22	V6 18DB	WINDSHIELD WIPER MOTOR	82,139
23	—	—	—
24	V5 18DG	WIPER MOTOR FEED	82,139
25	M2 18YL	DOOR/LIFT GROUND SWITCH FOR COURTESY AND DOME	78,139

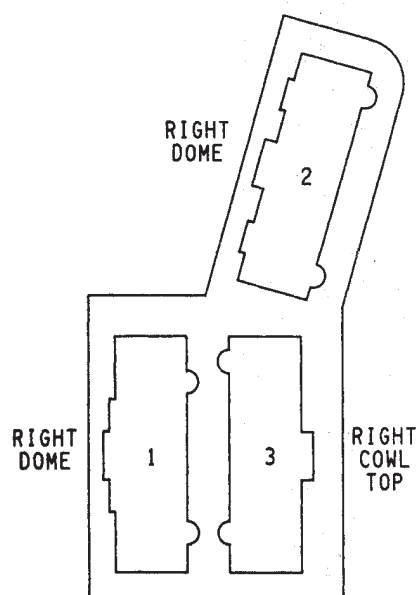


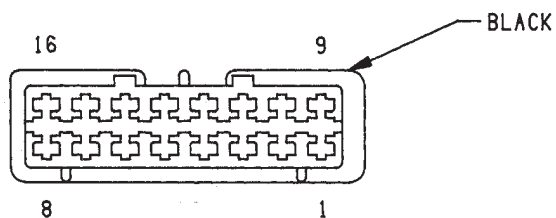
VIEWED FROM TERMINAL END

CONNECTOR #1

CAVITY	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	—	—	—
3	G32 20BK/LB*	AMBIENT AIR SENSOR RETURN	70
4	G31 20VT/LG*	AMBIENT AIR SENSOR SIGNAL	70
5	—	—	—
6	—	—	—
7	—	—	—
8	—	—	—
* 9	D1 18VT/BR*	SERIAL BUSS B+	70
10	—	—	—
11	—	—	—
12	—	—	—
13	—	—	—
14	—	—	—
15	—	—	—
* 16	D2 18WT/BK*	SERIAL BUSS B-	70

\*-INDICATES TWISTED PAIR

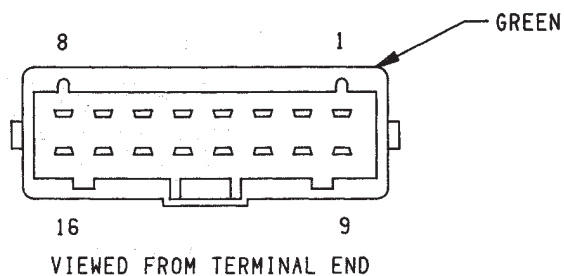
POSITION OF  
CONNECTORS IN BRACKET  
(THIS IS A WIRE END  
VIEW REPRESENTATION)



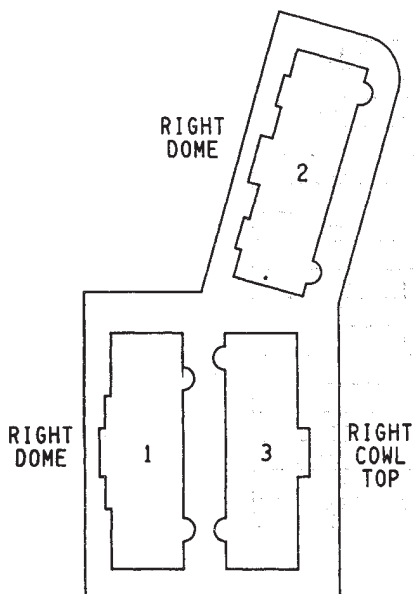
VIEWED FROM TERMINAL END

CAVITY	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	—	—	—
3	G32 18BK/LB*	AMBIENT AIR SENSOR RETURN	70
4	G31 18VT/LG*	AMBIENT AIR SENSOR SIGNAL	70
5	—	—	—
6	—	—	—
7	—	—	—
8	—	—	—
* 9	D1 18VT/BR*	SERIAL BUSS B+	70
10	—	—	—
11	—	—	—
12	—	—	—
13	—	—	—
14	—	—	—
15	—	—	—
* 16	D2 18WT/BK*	SERIAL BUSS B-	70

\*-INDICATES TWISTED PAIR

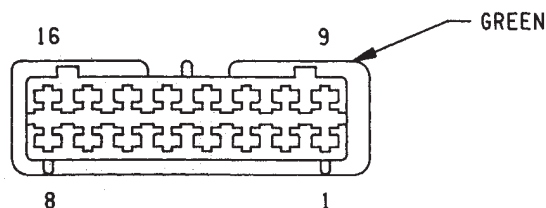


CONNECTOR #2



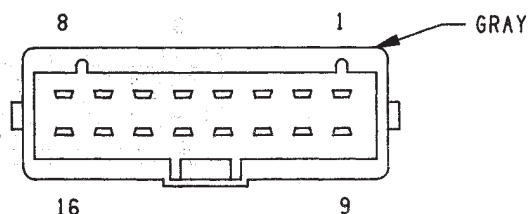
POSITION OF  
CONNECTORS IN BRACKET  
(THIS IS A WIRE END  
VIEW REPRESENTATION)

CAVITY	CIRCUIT	FUNCTION	SHEET
1	X13 16BK/RD*	NAME BRAND SPEAKERS B+	69,93
2	—	—	—
3	M11 18PK/LB*	SWITCHED COURTESY LAMP FEED	69,72,73,78
4	G74 18TN/RD*	RIGHT FRONT DOOR AJAR SWITCH	80
5	M2 18YL	DOOR/LIFT GROUND SWITCH, COURTESY & DOME	69,72,73,78
6	M1 18PK	COURTESY, DOME, VISOR, ILLUMINATED ENTRY	68,69,72
7	P33 180R/BK*	POWER DOOR LOCK MOTOR B+ (LOCK)	128
8	P34 18PK/BK*	POWER DOOR LOCK MOTOR B+ (UNLOCK)	128
9	X15 16BK/DG*	NAME BRAND SPEAKERS B—	69,93
10	X51 20BR/YL*	LEFT REAR SPEAKER B+	93,95
11	X52 20DB/WT*	RIGHT REAR SPEAKER B+	93,95
12	Z2 18BK/LG*	CLEAN ELECTRONIC GROUND	64,69
13	Z3 18BK/OR*	INSTRUMENT PANEL GROUND	64,68,69,78
14	X57 20BR/LB*	LEFT REAR SPEAKER B—	93,95
15	X58 20DB/OR*	RIGHT REAR SPEAKER B—	93,95
16	F21 12TN	POWER WINDOWS AND VENT	69,72



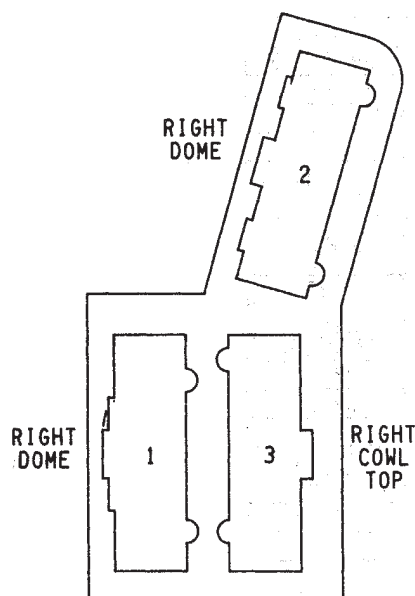
VIEWED FROM TERMINAL END

CAVITY	CIRCUIT	FUNCTION	SHEET
1	X13 16BK/RD*	SPEAKER AMP B+	69,93,95
2	—	—	—
3	M11 18PK/LB*	SWITCHED COURTESY LAMP FEED	69,72,73,78
4	G74 18TN/RD*	FRONT DOOR AJAR SWITCH	80
5	M2 18YL	DOOR JAMB SWITCHES	69,72,73,78
6	M1 18PK	READING AND VISOR LAMP FEED	68,69,72
7	P33 180R/BK*	SLIDING DOOR LOCK B+	128
8	P34 18PK/BK*	SLIDING DOOR UNLOCK B+	128
9	X15 16BK/DG*	SPEAKER AMP B-	69,93,95
10	X51 18BR/YL*	LEFT REAR SPEAKER B+	93,95
11	X52 18DB/WT*	RIGHT REAR SPEAKER B+	93,95
12	Z2 18BK/LG*	GROUND	64,69
13	Z1 18BK	BODY GROUND	64,68,69,78
14	X57 18BR/LB*	LEFT REAR SPEAKER B-	93,95
15	X58 18DB/OR*	RIGHT REAR SPEAKER B-	93,95
16	F21 14TN	IGNITION FEED B+	69,72



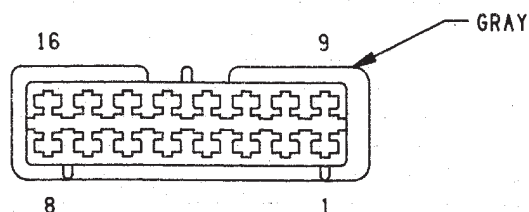
VIEWED FROM TERMINAL END

CONNECTOR #3

POSITION OF  
CONNECTORS IN BRACKET  
(THIS IS A WIRE END  
VIEW REPRESENTATION)

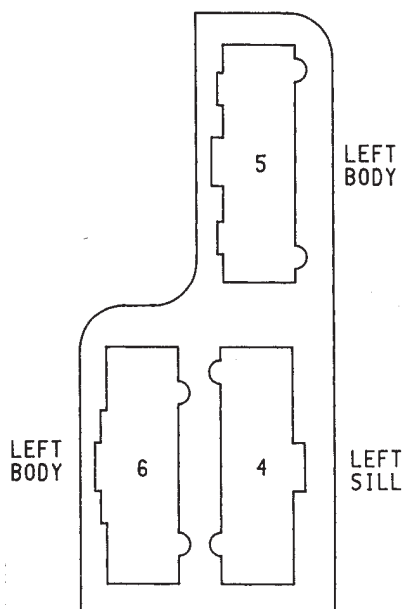
CAVITY	CIRCUIT	FUNCTION	SHEET
1	Z1 16BK	INSTRUMENT PANEL GROUND	62,130,141
2	M11 18PK/LB*	SWITCHED COURTESY LAMP FEED	74,78
3	X56 20DB/RD*	RIGHT FRONT SPEAKER B-	92
4	X55 20BR/RD*	LEFT FRONT SPEAKER B-	92
5	X13 16BK/RD*	NAME BRAND SPEAKERS B+	92
6	X54 20VT	RIGHT FRONT SPEAKER B+	92
7	X53 20DG	LEFT FRONT SPEAKER B+	92
8	C16 20LB/YL*	HEATER MIRROR FEED	120,130
9	X15 16BK/DG*	HEATED REAR WINDOW	92
10	M22 18WT	ILLUMINATED ENTRY RELAY GROUND	141
11	M2 18YL	DOOR/LIFT GROUND SWITCH, COURTESY & DOME	74,78
12	P34 18PK/BK*	POWER DOOR LOCK MOTOR B+ (UNLOCK)	127
13	M1 18PK	COURTESY, DOME, VISOR, ILLUMINATED ENTRY	68,127,130
14	P35 18OR/VT*	POWER DOOR LOCK SWITCH B+ (LOCK)	127
15	P36 18PK/VT*	POWER DOOR LOCK SWITCH B+ (UNLOCK)	127
16	P33 18OR/BK*	POWER DOOR LOCK MOTOR B+ (LOCK)	127



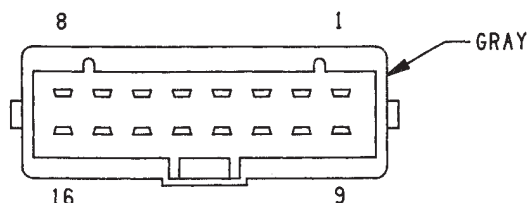


VIEWED FROM TERMINAL END

CAVITY	CIRCUIT	FUNCTION	SHEET
1	Z1 12BK	INSTRUMENT PANEL GROUND	62,130,141
2	M11 18PK/LB*	LEFT COURTESY LAMP FEED	74,78
2	M11 18PK/LB*	RIGHT COURTESY LAMP FEED	74,78
3	X56 18DB/RD*	RIGHT FRONT DOOR SPEAKER B—	92
4	X55 18BR/RD*	LEFT FRONT DOOR SPEAKER B—	92
5	X13 18BK/RD*	SPEAKER AMP B+	92
6	X54 18VT	RIGHT FRONT DOOR SPEAKER B+	92
7	X53 18DG	LEFT FRONT DOOR SPEAKER B+	92
8	C16 18LB/YL*	HEATED MIRROR FEED	120,130
8	C16 18LB/YL*	HEATED MIRROR FEED	120,130
9	X15 18BK/DG*	SPEAKER AMP B—	92
10	M22 18WT	LEFT ILLUM ENTRY RELAY GND	141
10	M22 18WT	RIGHT ILLUM ENTRY RELAY GND	141
11	M2 18YL	LEFT COURTESY LAMP GROUND	74,78
11	M2 18YL	RIGHT COURTESY LAMP GROUND	74,78
12	P34 18PK/BK*	DOOR LOCK MOTOR B+ (UNLOCK)	127
13	M1 18PK	DOOR LOCK & PWR MIRROR SWITCH FEED	68,127,130
14	P35 18OR/VT*	LEFT DOOR LOCK SWITCH B+ (LOCK)	127
14	P35 18OR/VT*	RIGHT DOOR LOCK SWITCH B+ (LOCK)	127
15	P36 18PK/VT*	LEFT DOOR LOCK SWITCH B+ (UNLOCK)	127
15	P36 18PK/VT*	RIGHT DOOR LOCK SWITCH B+ (UNLOCK)	127
16	P33 18OR/BK*	DOOR LOCK MOTOR B+	127



POSITION OF  
CONNECTORS IN LEFT BRACKET  
(THIS IS A WIRE END  
VIEW REPRESENTATION)

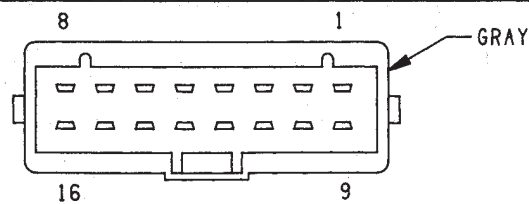


CONNECTOR #4

VIEWED FROM TERMINAL END

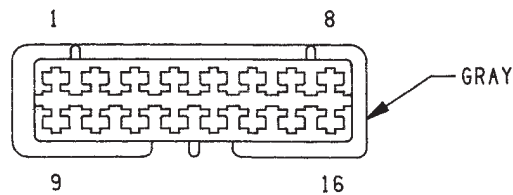
CAVITY	CIRCUIT	FUNCTION	SHEET
1	Z1 14BK	INSTRUMENT PANEL GROUND	115,117, 123,125
2	—	—	—
3	—	—	—
4	—	—	—
5	—	—	—
6	C50 16BK/LG*	REAR A/C FEED	115,117
7	C60 16BK/LB*	REAR HEATER LOW BLOWER FEED	115,117
8	C70 16DG	REAR HEATER HIGH BLOWER FEED	115,117
9	F21 12TN	POWER WINDOWS AND VENT	123
10	F20 18WT	BACKUP LAMPS, WIPER PARK FEED	115
11	—	—	—
12	—	—	—
13	—	—	—
14	—	—	—
15	E2 200R	HEADLAMP SWITCH DIMMABLE LAMPS	115
16	F37 12RD/LB*	POWER SEATS, LOCK, HORN FEED	125

## INSTRUMENT PANEL TO LEFT SILL WIRING



VIEWED FROM TERMINAL END

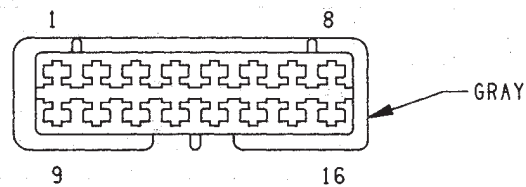
CAVITY	CIRCUIT	FUNCTION	SHEET
1	Z1 14BK	GROUND	124,125
2	—	—	—
3	—	—	—
4	—	—	—
5	—	—	—
6	—	—	—
7	—	—	—
8	—	—	—
9	F21 12TN	POWER WINDOW FEED	124,125
10	—	—	—
11	—	—	—
12	—	—	—
13	—	—	—
14	—	—	—
15	—	—	—
16	—	—	—



VIEWED FROM TERMINAL END

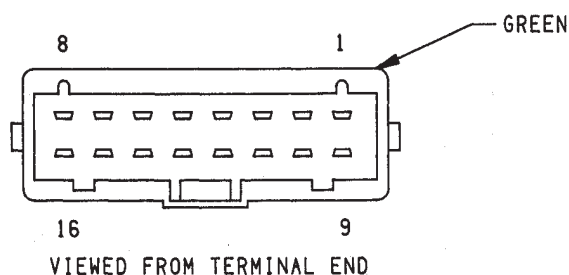
CAVITY	CIRCUIT	FUNCTION	SHEET
1	Z1 14BK	INSTRUMENT PANEL GROUND	115,117, 123,125
2	—	—	—
3	—	—	—
4	—	—	—
5	—	—	—
6	C50 18BK/LG*	REAR A/C FEED	115,117
7	C60 18BK/LB*	REAR HEATER LOW BLOWER FEED	115,117
8	C70 16DG	REAR HEATER HIGH BLOWER FEED	115,117
9	F21 12TN	POWER WINDOWS AND VENT	123
10	F20 16WT	BACKUP LAMPS, WIPER PARK FEED	115
11	—	—	—
12	—	—	—
13	—	—	—
14	—	—	—
15	E2 180R	HEADLAMP SWITCH DIMMABLE LAMPS	115
16	F35 14RD	POWER SEATS, LOCK, HORN FEED	125

## LEFT SILL TO INSTRUMENT PANEL WIRING



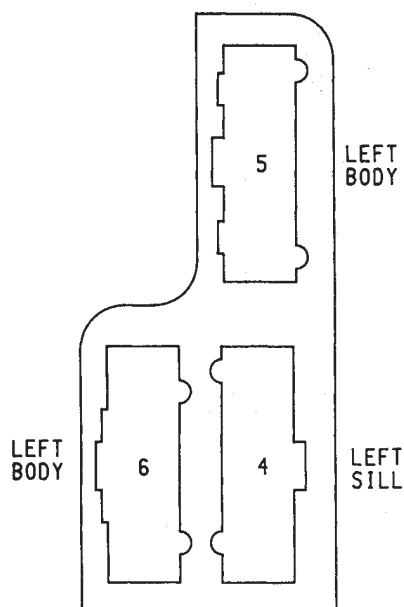
VIEWED FROM TERMINAL END

CAVITY	CIRCUIT	FUNCTION	SHEET
1	Z1 12BK	LEFT WINDOW LIFT SWITCH GROUND	124,125
2	—	—	—
3	—	—	—
4	—	—	—
5	—	—	—
6	—	—	—
7	—	—	—
8	—	—	—
9	F21 12TN	POWER WINDOW MASTER SWITCH FEED	124,125
10	—	—	—
11	—	—	—
12	—	—	—
13	—	—	—
14	—	—	—
15	—	—	—
16	—	—	—

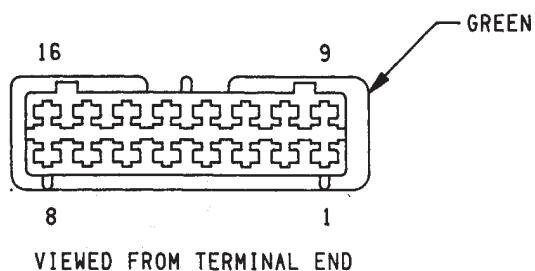


CONNECTOR #5

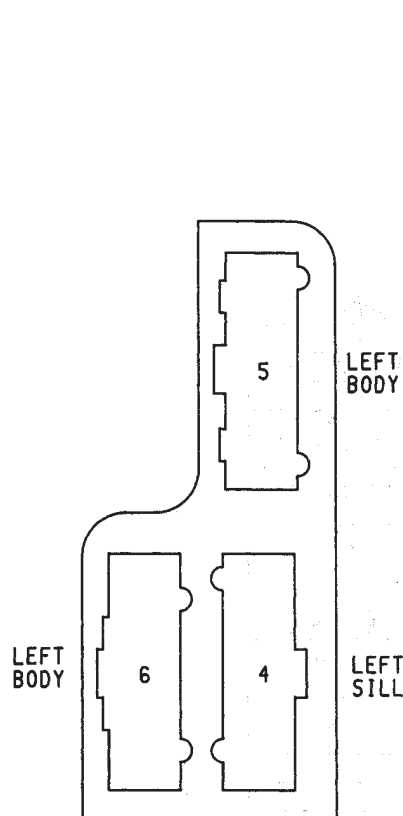
CAVITY	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	L50 18WT/TN*	STOP LAMP SWITCH	132,136,142
3	G75 18TN	LEFT FRONT DOOR AJAR SWITCH	80
4	M11 18PK/LB*	SWITCH COURTESY LAMP FEED	77,132
5	G78 20TN/BK*	LIFTGATE/AJAR SWITCH	73,132
6	M2 18YL	DOOR/LIFT GROUND SWITCH, COURTESY & DOME	73,75,78
7	G4 20DB	FUEL TANK LEVEL GAUGE SENDING UNIT	76
8	—	—	—
9	L1 18VT/BK*	BACK-UP LAMPS FEED	16,18,64,76,132
10	L1 18VT/BK*	BACK-UP LAMPS FEED	16,18,64,76,132
11	L62 18BR/RD*	RIGHT REAR STOP AND TURN SIGNAL LAMP	96
12	G10 20LG/RD*	SEAT BELT WARNING SWITCH	77
13	—	—	—
14	L63 18DG/RD*	LEFT REAR STOP AND TURN SIGNAL LAMP	96,132
15	—	—	—
16	—	—	—



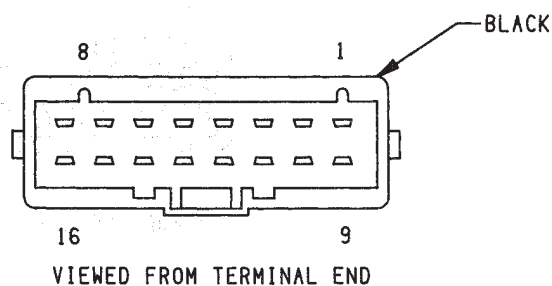
POSITION OF  
CONNECTORS IN LEFT BRACKET  
(THIS IS A WIRE END  
VIEW REPRESENTATION)



CAVITY	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	L50 18WT/TN*	STOP LAMP SIGNAL-CHMSL	132,136,142
3	G75 18TN	LEFT FRONT DOOR AJAR	80
4	M11 18PK/LB	SWITCH COURTESY LAMP FEED	77,132
5	G78 18TN/BK	LIFTGATE AJAR	73,132
6	M2 18YL	DOOR JAMB SWITCH	73,75,78
7	G4 18DB	FUEL TANK LEVEL GAUGE SENDING UNIT	76
8	—	—	—
9	L1 18VT/BK*	BACK-UP LAMP FEED	16,18,64,76,132
10	L1 18VT	BACK-UP LAMP FEED	16,18,64,76,132
11	L62 18BR/RD*	RIGHT REAR TURN SIGNAL	96,132
12	G10 18LG/RD*	SEAT BELT SWITCH	77
13	—	—	—
14	L63 18DG/RD*	LEFT REAR TURN SIGNAL	96,132
15	—	—	—
16	—	—	—



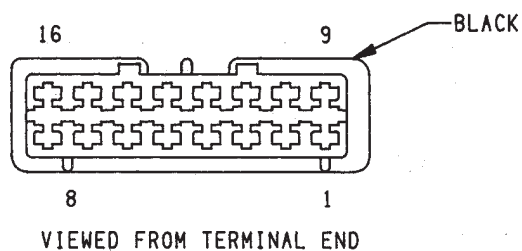
POSITION OF  
CONNECTORS IN LEFT BRACKET  
(THIS IS A WIRE END  
VIEW REPRESENTATION)



CONNECTOR #6

CAVITY	CIRCUIT	FUNCTION	SHEET
1	Z1 12BK	INSTRUMENT PANEL GROUND	84,116,117
2	L7 18BK/YL*	TAIL, LICENSE, SIDE MARKER, PARK LAMP FEED	84
3	—	—	—
4	G76 18TN/YL*	RIGHT REAR DOOR AJAR SWITCH	80
5	—	—	—
* 6	B4 20LG	LEFT REAR WHEEL SENSOR	136
* 7	B2 20YL	RIGHT REAR WHEEL SENSOR	136
8	F40 12LG/BK*	LIFTGATE RELEASE	84,121
9	A141 14DG/BK*	FUEL PUMP RELAY FEED	25,76
10	V21 18DB/RD*	REAR WIPER SWITCH	84
11	V22 18BR/YL*	REAR WIPER WASH/DELAY	84
12	—	—	—
13	V23 16BR/PK*	REAR WIPER FEED	84,133
* 14	B3 20LG/DB*	LEFT REAR WHEEL SENSOR	136
* 15	B1 20YL/DB*	RIGHT REAR WHEEL SENSOR	136
16	C15 12BK/WT*	HEATED REAR WINDOW	120

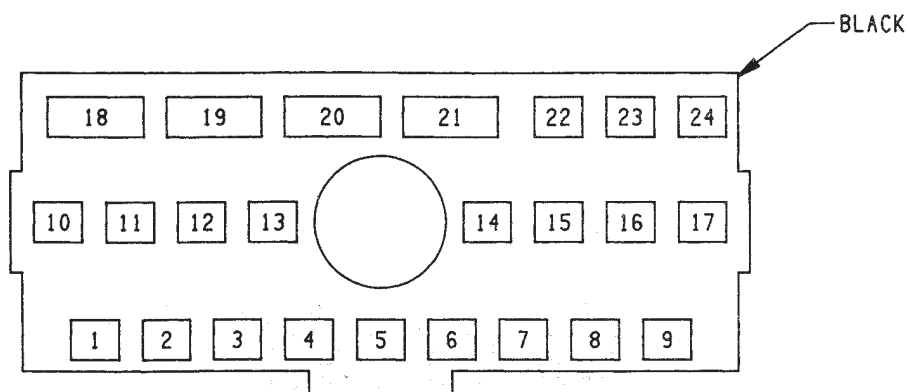
\*-INDICATES TWISTED PAIRS  
B1+B2 AND B3+B4



CAVITY	CIRCUIT	FUNCTION	SHEET
1	Z1 12BK	BODY GROUND	84,116,117
2	L7 18BK/YL*	RUNNING LAMP FEED	84
3	—	—	—
4	G76 18TN/YL*	SLIDING DOOR AJAR	80
5	—	—	—
* 6	B4 20LG	LEFT REAR WHEEL SENSOR (+)	136
* 7	B2 20YL	RIGHT REAR WHEEL SENSOR (+)	136
8	F40 14LG/BK*	LIFTGATE RELEASE	84,121
9	A61 14DG/BK*	FUEL PUMP RELAY FEED	25,76
10	V21 18DB/RD*	REAR WIPER ON/OFF SWITCH	84
11	V22 18BR/YL*	REAR WIPER/WASH DELAY	84
12	—	—	—
13	V23 16BR/PK*	REAR WIPER/WASH SYSTEM FEED	84,133
* 14	B3 20LG/DB*	LEFT REAR WHEEL SENSOR (—)	136
* 15	B1 20YL/DB*	RIGHT REAR WHEEL SENSOR (—)	136
16	C15 12BK/WT*	HEATED REAR WINDOW	120

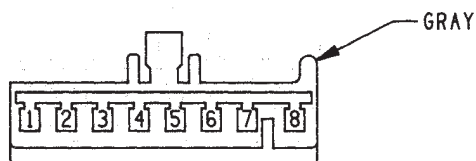
\*-INDICATES TWISTED PAIRS  
B1+B2 AND B3+B4





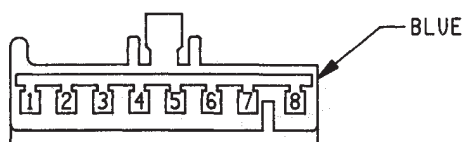
VIEWED FROM TERMINAL END

CAVITY	CIRCUIT	FINCTION	SHEET
1	V9 18DG/YL*	INTERMITTENT WIPER LEVEL	81
2	————	————	
3	V10 18BR	WASHER PUMP MOTOR	81
4	V6 18DB	WINDSHIELD WIPER MOTOR	81
5	V4 18RD/YL*	WIPER MOTOR HIGH SPEED	81
6	V3 18BR/WT*	WIPER LOW SPEED AND INTERMITTENT WITH PULSE WIPER	81
7	V5 18DG	PULSE WIPER PARK (B -) DWELL	81
8	V5 18DG	PULSE WIPER PARK (B -) DWELL	81
9	V3 18BR/WT*	WIPER LOW SPEED AND INTERMITTENT WITH PULSE WIPER	81
10	————	————	
11	L60 18TN	RIGHT FRONT TURN SIGNAL AND INDICATOR	96
12	L62 18BR/RD*	RIGHT REAR STOP AND TURN SIGNAL LAMP	96
13	L59 18TN/LG*	FLASHER SWITCH FEED	96
14	L63 18DG/RD*	LEFT REAR STOP AND TURN SIGNAL LAMP	96
15	L61 18LG	LEFT FRONT TURN SIGNAL AND INDICATOR	96
16	L53 18BR	STOP LAMP FEED	96
17	Z1 18BK	INSTRUMENT PANEL GROUND	81
18	L4 14VT/WT*	HEADLAMP (LOW-BEAM)	66
19	L2 14LG	HEADLAMP DIMMER SWITCH FEED	66
20	L3 16RD/OR*	HEADLAMP (HIGH-BEAM)	66
21	L20 14LG/WT*	OPTICAL HORN FEED	66
22	————	————	
23	————	————	
24	————	————	



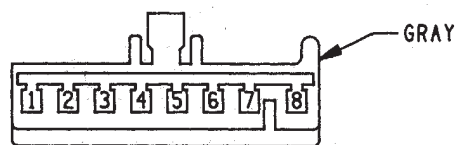
VIEWED FROM TERMINAL END

CAVITY	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	V21 18DB/RD*	REAR WIPER ON/OFF SWITCH	83
3	Z3 20BK/OR*	INSTRUMENT PANEL GROUND (LIGHTING)	83
4	V22 18BR/YL*	REAR WIPER/WASH DELAY	83
5	Z3 20BK/OR*	INSTRUMENT PANEL GROUND (LIGHTING)	83
6	E2 200R	INSTRUMENT PANEL ILLUMINATION (DIMMABLE)	83
7	—	—	—
8	—	—	—



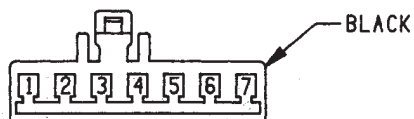
VIEWED FROM TERMINAL END

CAVITY	CIRCUIT	FUNCTION	SHEET
1	L94 200R/WT*	LOW BEAM RELAY COIL (B-)	65
2	—	—	—
3	—	—	—
4	L97 18BR/OR*	TAIL, LICENSE RELAY COIL (B-)	65
5	L61 18LG	LEFT FRONT TURN SIGNAL & INDICATOR	65
6	L60 18TN	RT FRONT TURN SIGNAL & INDICATOR	65
7	L91 18DB/PK*	COMBINATION FLASHER	65
8	L32 18PK	COMBINATION FLASHER FEED	65



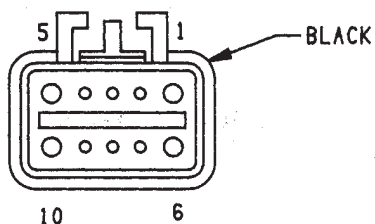
VIEWED FROM TERMINAL END

CAVITY	CIRCUIT	FUNCTION	SHEET
1	Z1 18BK	INSTRUMENT PANEL GROUND	65
1	Z1 18BK	INSTRUMENT PANEL GROUND	65
2	E2 200R	INSTRUMENT PANEL ILLUMINATION (DIMMABLE)	65
3	L59 18TN/LG*	FLASHER SWITCH FEED	65
4	L53 18BR/YL*	STOP LAMP SWITCH FEED	65
5	L50 18WT/TN*	STOP LAMP SWITCH	65
6	L55 18PK/BK*	SWITCH FEED	65
7	L9 18BK/WT*	HAZARD FLASHER FEED (DEDICATED)	65
8	L5 18BK/PK*	TURN SIGNAL FLASHER UNIT FEED	65



VIEWED FROM TERMINAL END

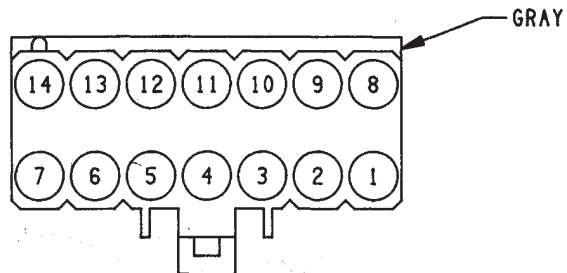
CAVITY	CIRCUIT	FUNCTION	SHEET
1	E92 200R/BK*	ILLUMINATION MODULE DIMMING CONTROL	65
2	M32 20BK/LB*	DOOR/LIFT GROUND SWITCH FOR COURTESY & DOME	65
3	E17 20YL/BK*	ELECTRONIC DISPLAY (FUNERAL MODE)	65
3	E17 20YL/BK*	ELECTRONIC DISPLAY (FUNERAL MODE)	65
4	M1 18PK	COURTESY, DOME, VISOR, ILLUMINATED ENTRY	65
5	M11 18PK/LB*	SWITCHED COURTESY LAMP FEED	65
6	Z1 18BK	INSTRUMENT PANEL FEED	65
7	—	—	—



VIEWED FROM TERMINAL END

CAVITY	CIRCUIT	FUNCTION	SHEET
1	L3 16RD/OR*	HEADLAMP (HIGH-BEAM)	61
2	_____	_____	_____
3	_____	_____	_____
4	G34 16RD/BK*	HIGH-BEAM INDICATOR LAMP	61
5	F20 18WT	EVIC FEED	61
6	L20 14LG/WT*	OPTICAL HORN FEED	61
7	G7 20WT/OR*	VEHICLE SPEED SENSOR SIGNAL	61
8	Z1 18BK	GROUND	61
9	_____	_____	_____
10	L44 20VT/RD*	RIGHT HEADLAMP LAMP OUTAGE FEED	61

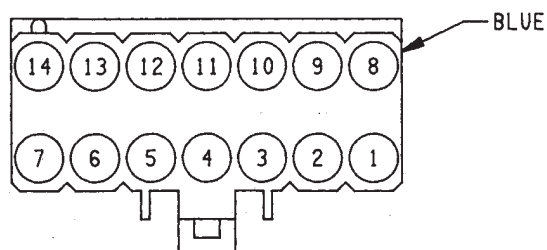
# DAYTIME RUNNING LIGHTS MODULE CONNECTOR



VIEWED FROM TERMINAL END

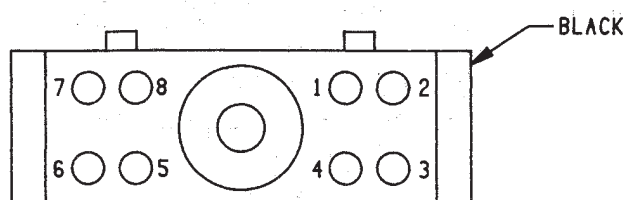
CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	M1 18PK	COURTESY, DOME, VISOR, ILLUM. ENTRY	68,89
3	D13 180R/DB*	LOW INSTRUMENT CLUSTER-DECODE	68,89
4	—	—	—
5	D14 18LB	HIGH INSTRUMENT CLUSTER DECODE	68,89
6	E2 200R	INSTRUMENT PANEL ILLUMINATION DIMMABLE	67,89
7	Z2 18BK/LG*	CLEAN ELECTRONIC GROUND	64,89
8	G6 20GY	ENGINE OIL PRESSURE WARNING LAMP SWITCH	47,48,89
9	D2 18WT/BK*	SERIAL BUSS B-	70,89
10	D1 18VT/BR*	SERIAL BUSS B+	70,89
11	G5 20DB/WT*	IGNITION RUN/START FEED	79,89,137
12	—	—	—
13	—	—	—
14	Z3 20BK/OR*	INSTRUMENT PANEL GROUND (LIGHTING)	68,89





VIEWED FROM TERMINAL END

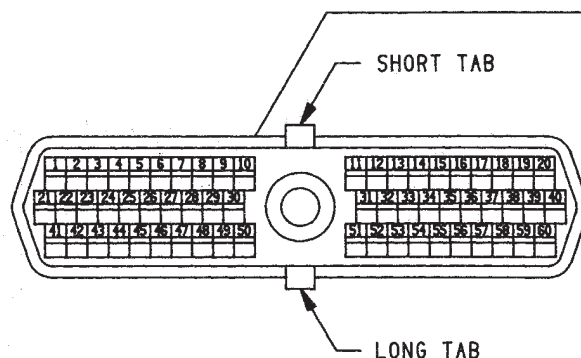
CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	R41 18BK/TN*	AIRBAG WARNING LAMP	79,138
3	L60 18TN	RIGHT FRONT TURN SIGNAL AND INDICATOR	79,96
4	—	—	—
5	L61 18LG	LEFT FRONT TURN SIGNAL AND INDICATOR	79,96
6	G19 20LG/BK*	WARNING LAMP (AMBER) ANTI-LOCK BRAKES	79,134
7	G5 20DB/WT*	IGNITION RUN/START FEED	79,138
8	G13 18DB/RD*	SEAT BELT LAMP	79
9	L3 16RD/OR *	HEADLAMP HIGH BEAM INDICATOR LAMP	61,79
10	G24 22GY/PK*	SERVICE REMINDER INDICATOR LAMP	21,28,35,79
11	Z3 20BK/OR*	INSTRUMENT PANEL GROUND (LIGHTING)	68,79
12	—	—	—
13	—	—	—
14	G9 20GY/BK*	BRAKE WARNING LAMP SWITCH PROPORTIONAL VALVE	14,79



VIEWED FROM TERMINAL END

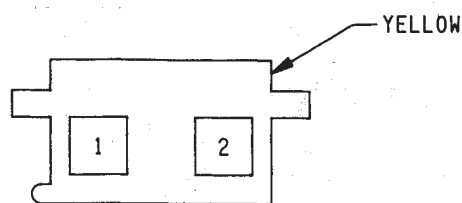
CAV	CIRCUIT	FUNCTION	SHEET
1	T47 18YL/BK *	KICK DOWN PRESSURE SWITCH	85
2	T50 18DG	LOW REVERSE PRESSURE SWITCH	85
3	T9 180R/BK *	OVERDRIVE PRESSURE SWITCH	85
4	T16 16RD	SWITCHED BATTERY FEED	85
5	T59 18PK	UD SOLENOID	85
6	T60 18BR	OD SOLENOID	85
7	T20 18LB	LR/LU SOLENOID	85
8	T19 18WT	KICK DOWN/LOW AND REVERSE	85

CAV	CIRCUIT	FUNCTION	SHEET
1	T1 16LG/BK*	TRANSMISSION RANGE SWITCH	86
2	T2 14TN/BK *	BACK-UP LAMP RELAY GROUND	63
3	T3 14VT	BACK-UP LAMP RELAY	63
* 4	D2 20WT/BK*	SERIAL BUSS B-	63
5	—	—	—
6	Z13 18BK/RD*	POWER GROUND B-(3.0L ONLY)	86
6	K24 18GY/BK*	DISTRIBUTOR IGNITION SIG (+)	86
7	—	—	—
8	A41 14YL	ENGINE STARTER RELAY	88
9	T9 18OR/BK*	OVERDRIVE PRESSURE SWITCH	85
10	—	—	—
11	A21 14DB	IGNITION START/RUN	87
12	K22 18OR/DB*	THROTTLE POSITION(SENOR)SIGNAL	88
13	T13 18DB/BK*	VEHICLE SPEED SENSOR GROUND	88
14	T14 18LG/WT*	OUTPUT SPEED SENSOR (+)	88
15	T15 18LG	SAFTY SHUTDOWN RELAY POWER	86
16	T16 18RD	SWITCHED BATTERY FEED	85
17	T16 16RD	SWITCHED BATTERY FEED	85
18	—	—	—
19	T19 18WT	KICK DOWN/LOW AND REVERSE	85
20	T20 18LB	LR/LV SOLENOID	85
21	—	—	—
22	—	—	—
23	—	—	—
24	—	—	—
25	—	—	—
26	—	—	—
27	—	—	—
28	—	—	—
29	—	—	—
30	—	—	—
31	—	—	—
32	—	—	—
33	—	—	—
34	—	—	—
35	—	—	—
36	—	—	—
37	—	—	—
38	—	—	—
39	—	—	—
40	—	—	—
41	T41 18BR/YL*	ENGINE STARTER RELAY	87
42	T42 18VT/WT*	TRANSMISSION RANGE SWITCH GROUND	86
* 43	D1 20VT/BR*	SERIAL BUSS B+	63
44	—	—	—
45	K24 18GY/BK*	DISTRIBUTOR IGNITION (3.0L ONLY)	87
46	—	—	—
47	T47 18YL/BK*	KICK-DOWN PRESSURE	85
48	—	—	—
49	—	—	—
50	T50 18DG	LOW REVERSE PRESSURE SWITCH	85
51	K4 18BK/LB *	SIGNAL REF (LOGIC MODULE B-)	88
52	T52 18RD/BK*	INPUT SPEED SENSOR (+)	88
53	Z14 18BK/YL*	SIGNAL GROUND	86
54	—	—	—
55	—	—	—
56	A14 16RD/WT*	AUTOMATIC SHUT DOWN RELAY	86
57	Z13 18BK/RD*	POWER GROUND (B-)	86
58	G7 20WT/OR*	VEHICLE SPEED SIGNAL	88
59	T59 18PK	UD SOLENOID	85
60	T60 18BR	OD SOLENOID	85



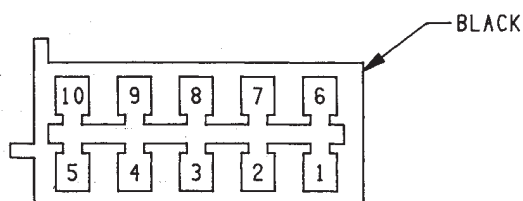
VIEWED FROM TERMINAL  
END OF CONNECTOR

\*-INDICATES TWISTED PAIR



VIEWED FROM TERMINAL END

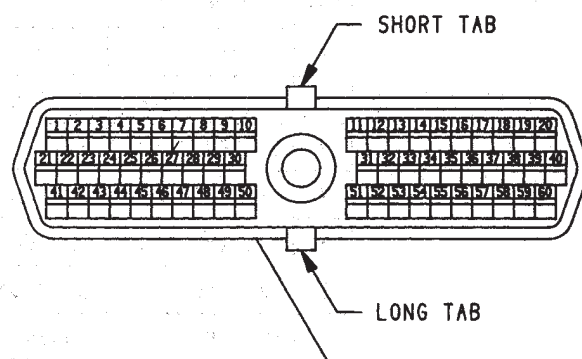
CAV	CIRCUIT	FUNCTION	SHEET
1	R43 18BK/LB*	LEFT AIRBAG SQUIB	137
2	R45 18DG/LB*	LEFT AIRBAG SQUIB	137



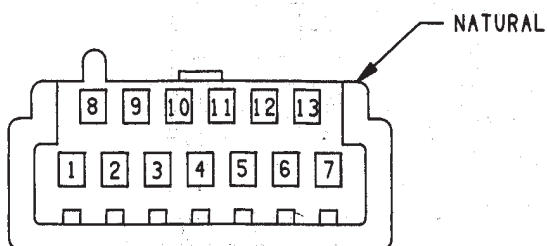
VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
1	R48 18TN	FRONT RIGHT IMPACT SENSOR	137
2	R49 18LB	FRONT LEFT IMPACT SENSOR	137
3	R41 18BK/TN*	AIRBAG WARNING LAMP	137
4	F20 18WT	BACKUP LAMPS, WIPER PARK FEED	137
5	G5 18DB/WT*	IGNITION START/RUN FEED	137
6	R46 18BR/LB*	FRONT RIGHT IMPACT SENSOR	137
7	R47 18DB/LB*	FRONT LEFT IMPACT SENSOR	137
8	Z6 18BK/PK*	AIRBAG GROUND (B-)	137
9	—	—	—
10	F62 18RD	CIGAR LIGHTER FEED	137

CAV	CIRCUIT	FUNCTION	SHEET
1	B1 20YL/DB*	RT REAR WHEEL SENSOR (-)	136
2	B2 20YL	RT REAR WHEEL SENSOR (+)	136
3	B3 20LG/DB*	LT REAR WHEEL SENSOR (-)	136
4	B4 20LG	LT REAR WHEEL SENSOR (+)	136
5	Z1 16BK	GROUND	134
6	B6 20WT/DB*	RT FRONT WHEEL SENSOR (-)	135
7	B7 20WT	RT FRONT WHEEL SENSOR (+)	135
8	B8 20RD/DB*	LT FRONT WHEEL SENSOR (-)	135
9	B9 20RD	LT FRONT WHEEL SENSOR (+)	135
10	B210 20RD/BK*	TRANSDUCER RETURN (-)	134
11	D11 20WT/VT*	DIAGNOSTIC ENABLE (SIGNAL IN)	136
12	D12 20OR	DIAGNOSTIC ENABLE (SIGNAL OUT)	136
13	L50 18WT/TN*	STOP LAMP SWITCH	136
14	G9 20GY/BK*	BRAKE WARNING LAMP SWITCH PROPORTIONAL VALVE	134
15	G19 20LG/OR*	WARNING LAMP (AMBER)	134
16	—	—	—
17	B217 14RD	LOW ACCUMULATOR	134
18	B218 20WT/OR*	PRIMARY PRESSURE/DPA	134
19	B219 20DB	PRESSURE	134
20	—	—	—
21	—	—	—
22	—	—	—
23	—	—	—
24	—	—	—
25	—	—	—
26	—	—	—
27	—	—	—
28	—	—	—
29	—	—	—
30	—	—	—
31	—	—	—
32	—	—	—
33	—	—	—
34	—	—	—
35	—	—	—
36	—	—	—
37	—	—	—
38	—	—	—
39	—	—	—
40	—	—	—
41	—	—	—
42	B242 20BR/WT*	LEFT FRONT BUILD VALVE	135
43	B243 20DG/BK*	LEFT FRONT DECAY VALVE	135
44	—	—	—
45	B245 20WT/LG*	LEFT FRONT ISOLATE VALVE	135
46	B246 20BR/RD*	RIGHT FRONT BUILD VALVE	135
47	B47 16RD/LB*	ABS MODULE FEED	134
48	B248 20DG/WT*	RIGHT FRONT DECAY VALVE	135
49	B249 20WT/TN*	RT FRONT ISOLATE VALVE	135
50	B47 16RD	ABS MODULE FEED	134
51	B251 20WT/BK*	LEFT REAR ISOLATE VALVE	135
52	B252 20BR/TN*	RT & LT REAR BUILD VALVE	135
53	—	—	—
54	B254 20DG/OR*	RT & LT REAR DECAY VALVE	135
55	B255 20WT/PK*	RIGHT & LEFT REAR ISOLATE VALVE	135
56	—	—	—
57	B57 20BR/BK*	ABS SYSTEM RELAY COIL FEED	135
58	B258 20GY/LB*	TRANSDUCER FEED (+)	134
59	—	—	—
60	A21 14DB	IGNITION START/RUN	134



VIED FROM TERMINAL  
END OF CONNECTOR



VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
* 2	D1 18VT/BR*	SERIAL BUSS B+	69
* 3	D2 18WT/BK*	SERIAL BUSS B—	69
4	G32 18BK/LB*	AMBIENT AIR SENSOR RETURN	69
5	G31 18VT/LG*	AMBIENT AIR SENSOR SIGNAL	69
6	M2 18YL	DOOR JAMB SWITCHES	69
7	F21 16TN	POWER WINDOW FEED	69
8	—	—	—
9	Z2 18BK/LG*	GROUND	69
10	—	—	—
11	Z1 18BK	GROUND	69
12	M11 18PK/LB*	SWITCHED COURTESY LAMP FEED	69
13	M1 18PK	READING AND VISOR LAMP FEED	69

\*-INDICATES TWISTED PAIR