

WIRING DIAGRAMS

CONTENTS

	page		page
COMPONENT IDENTIFICATION	11	SPLICE LOCATIONS	26
GENERAL INFORMATION	1	WIRING DIAGRAMS	35

GENERAL INFORMATION

INDEX

	page		page
Circuit Identification	2	Secondary Ignition Wiring	1
Component Identification	2	Splice Locations	3
Connectors	3	Symbols, Fuses, and Relays	5
Harness Repair	3	Troubleshooting Wiring Problems	3
Locating A System	2	Wire Code Identification	2
Modules and Controllers	5	Wiring Diagram Sheets and Indexes	1

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 Figs 1 and 2. For additional information on ignition systems or distributor operation refer to Group 8D Ignition Systems.

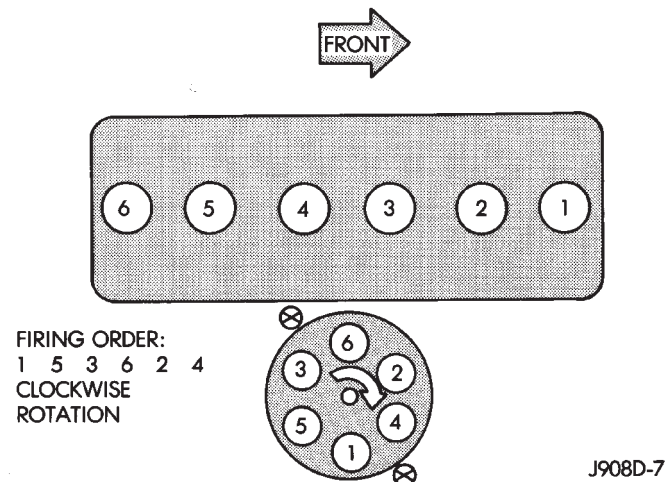


Fig. 1 Secondary Ignition Wiring 4.0L

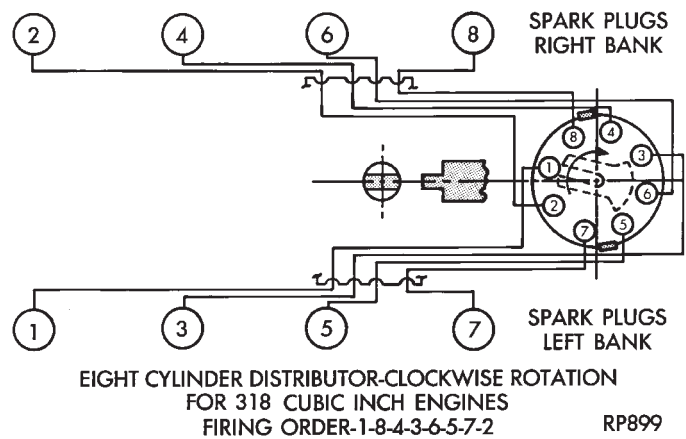


Fig. 3 Secondary Ignition Wiring 5.2L Engine

WIRING DIAGRAM SHEETS AND INDEXES

The wiring diagram sheets are organized to show systems relating to the basic vehicle and all of its options. Add-on or non-factory options are not covered. Diagram pages are identified 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.

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 it is going (Fig. 3). This has been done to aid in the diagnosis of wiring and component problems.

The index for the diagrams is located at the beginning. It covers all systems shown in the diagrams and is in alphabetical order. The main system and all related components are covered.

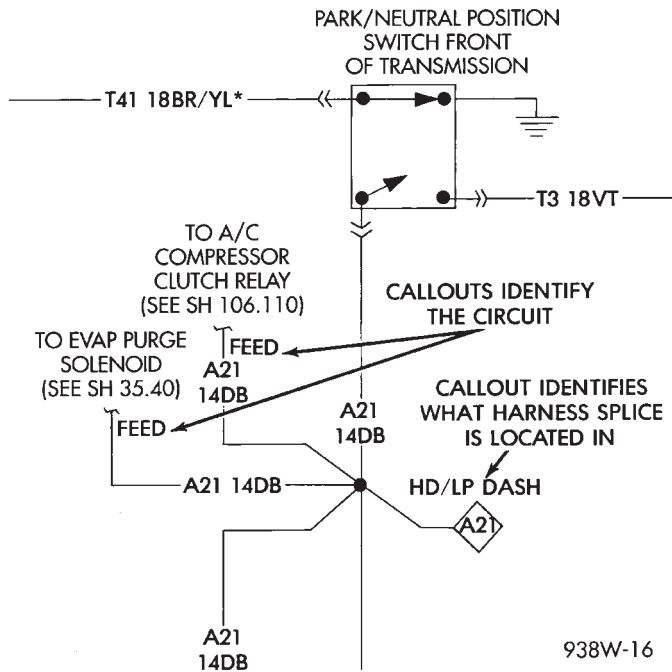


Fig. 3 Wiring Diagram Page Example

WIRE CODE IDENTIFICATION

Each wire shown in the diagrams contains a code (Fig. 4) 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. 5). If the wire has a tracer and it is a standard color an asterisk will follow the main wire color. If the tracer is non-standard the main wire color will have a slash (/) after it followed by the tracer color.

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.**

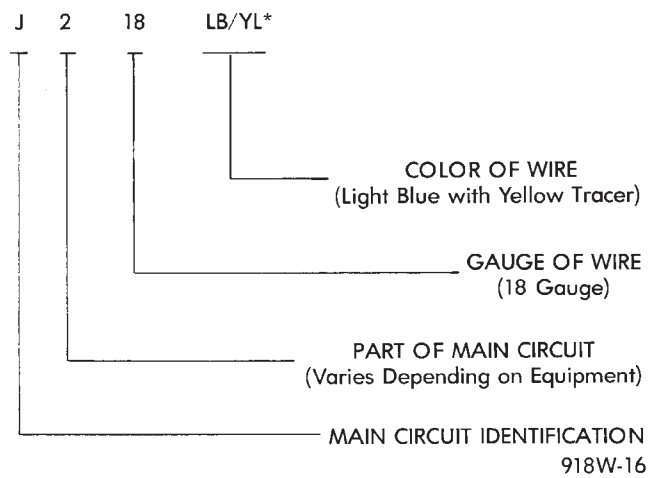


Fig. 4 Wire Color Code Identification

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	

918W-136

Fig. 5 Wire Color Code Chart

The index identifies the main system and all components that relate to 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 sheets 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.

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		

938W-17

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 general 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. 6 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. 6 example 2).

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

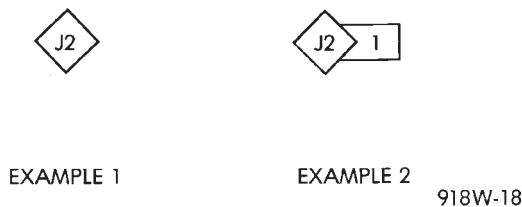


Fig. 6 Wiring Splice Examples

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 and identifies 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. 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.

HARNESS REPAIR

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. 7 example 1).

(5) Push the two ends of wire together until the strands of wire are close to the insulation (Fig. 7 example 2).

(6) Twist the wires together (Fig. 7 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.

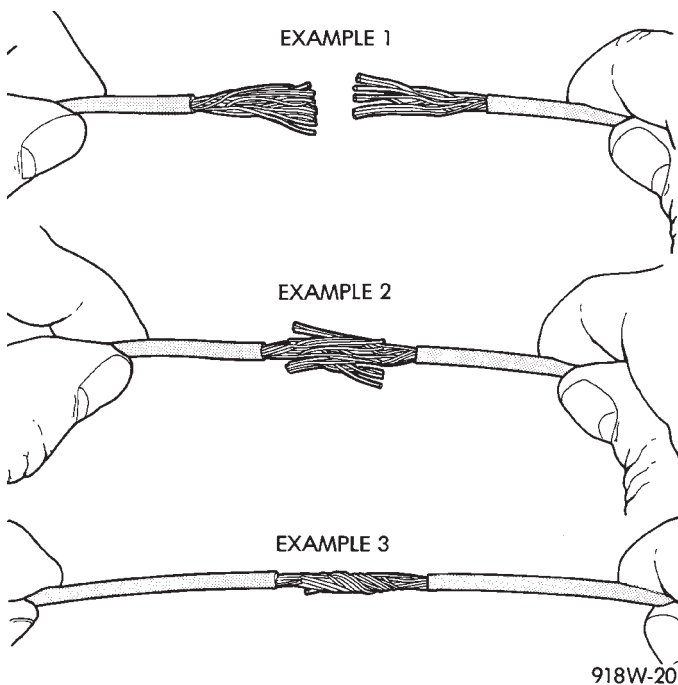


Fig. 7 Wire Repair

CONNECTOR REPLACEMENT

- (1) Disconnect battery.
- (2) Disconnect the connector that is to be repaired from its mating half.
- (3) Remove connector locking wedge (Fig. 8).
- (4) Position the connector locking finger away from the terminal. Pull on the wire to remove the terminal from the connector (Fig. 9).
- (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.

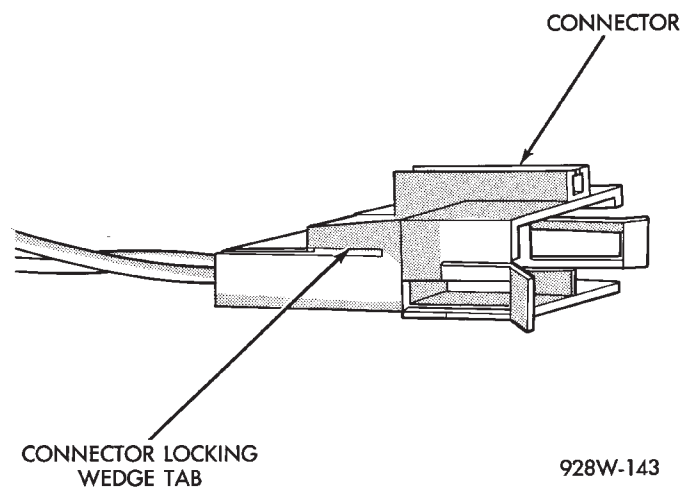


Fig. 8 Connector Locking Wedge Tab

- (10) Connect battery and test all affected systems.

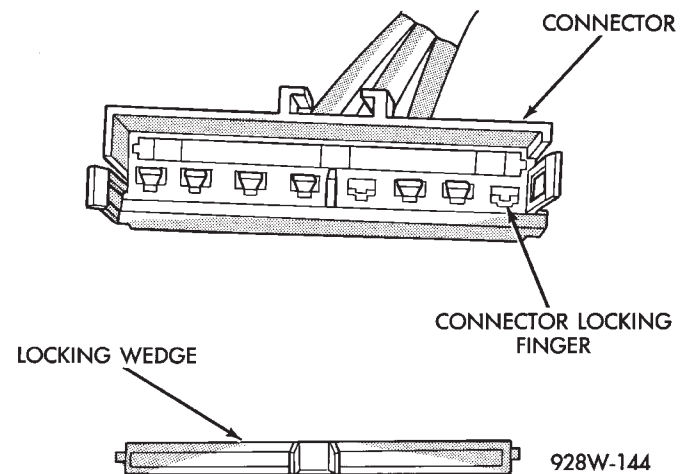


Fig. 9 Connector Locking Finger and Locking Wedge

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. Remove six inches of tape from the harness.
- (4) Stagger cut all wires on the harness side about 1/2 inch apart (Fig. 10).
- (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. 10).
- (7) Remove 1 inch of insulation from each wire.

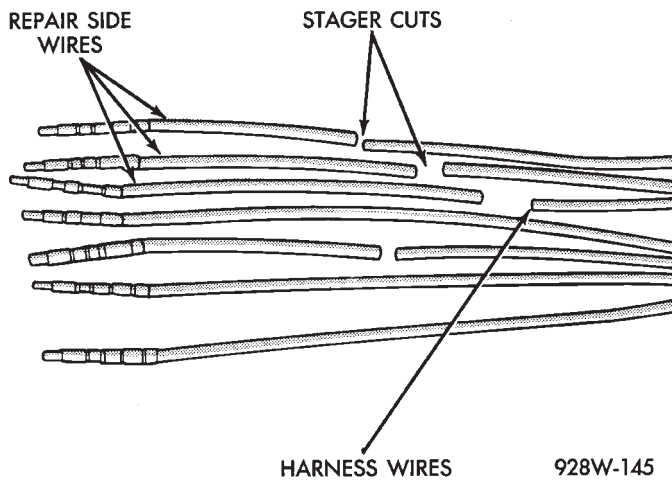


Fig. 10 Stagger Cutting Wires

(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. 7 example 1).

(10) Push the two ends of wire together until the strands of wire are close to the insulation (Fig. 7 example 2).

(11) Twist the wires together (Fig. 7 example 3).

(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. 8).

(4) Position the connector locking finger away from the terminal. Pull on the wire to remove the terminal from the connector (Fig. 9).

(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. 7 example 1).

(11) Push the two ends of wire together until the strands of wire are close to the insulation (Fig. 7 example 2).

(12) Twist the wires together (Fig. 7 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, FUSES, AND RELAYS

Various symbols are used throughout the wiring diagrams. These symbols can be identified by referring to the symbol identification chart (Fig. 11).

For fuse block information refer to (Fig. 12). For convince center information refer to (Fig. 13). For relay bank information refer to (Fig. 14). And for power distribution center 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.

MODULES AND CONTROLLERS

Modules and connectors are shown in (Fig. 16). This is intended to show the general location of all modules and controllers. For additional information on component location refer to the component identification section.

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
	BY-DIRECTIONAL ZENER DIODE		DENOTES WIRE GOES THROUGH GROMMET
	MOTOR		HEATED GRID ELEMENTS
	ARMATURE AND BRUSHES		

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Fig. 11 Symbol Identification

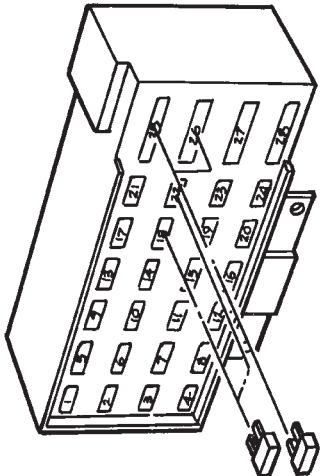
CAVITY	FUSE	ITEMS FUSED	CAVITY	FUSE	ITEMS FUSED			
1	20 AMP	POWER ANTENNA RELAY/TRAILER TOW RELAY	17	7.5 AMP	HEVAC MODULE			
2	15 AMP	STOP LAMPS	18	15 AMP	AIR BAG MODULE			
3	20 AMP	HAZARD LAMPS	19	15 AMP	CONVENIENCE ITEMS			
4	15 AMP	SECURITY LAMP	20	10 AMP	HEATED REAR WINDOW/OVERDRIVE MODULE/ VEHICLE SPEED CONTROL SYSTEM			
5	15 AMP	COURTESY LAMPS	21	15 AMP	CLUSTER/LAMP OUTAGE MODULE			
6	15 AMP	SECURITY ALARM MODULE	22	15 AMP	AIR BAG MODULE			
7	15 AMP	SECURITY ALARM MODULE RELAY	23	15 AMP	POWER MIRRORS-HEATED			
8	15 AMP	FUSED BATTERY—MEMORY CIRCUITS	24	7.5 AMP	POWER MIRRORS			
9	20 AMP	REAR WIPER	25	30A C/BRKR	POWER SEATS			
10	15 AMP	RADIO ACCESSORY	26	30 AMP C/BRKR	POWER WINDOWS			
11	10 AMP	CIGAR LIGHTER	27	10 AMP C/BRKR	WINDSHIELD WIPER			
12	15 AMP	PARK LAMPS/ULTRA LIGHT MODULE	28	30 AMP	HEATED REAR WINDOW			
13	20 AMP	HORN RELAY						
14	20 AMP	POWER DOOR LOCKS RELAY						
15	3 AMP	ABS MODULE						
16	20 AMP	TURN SIGNAL FLASHER						
						AMPS	FUSE	COLOR CODE
						2	WT	WHITE
						4	PK	PINK
			5	TN	TAN			
			10	RD	RED			
			20	YL	YELLOW			
			25	NAT	NATURAL			
			30	LG	LIGHT GREEN			

Fig. 12 Fuse Block Identification

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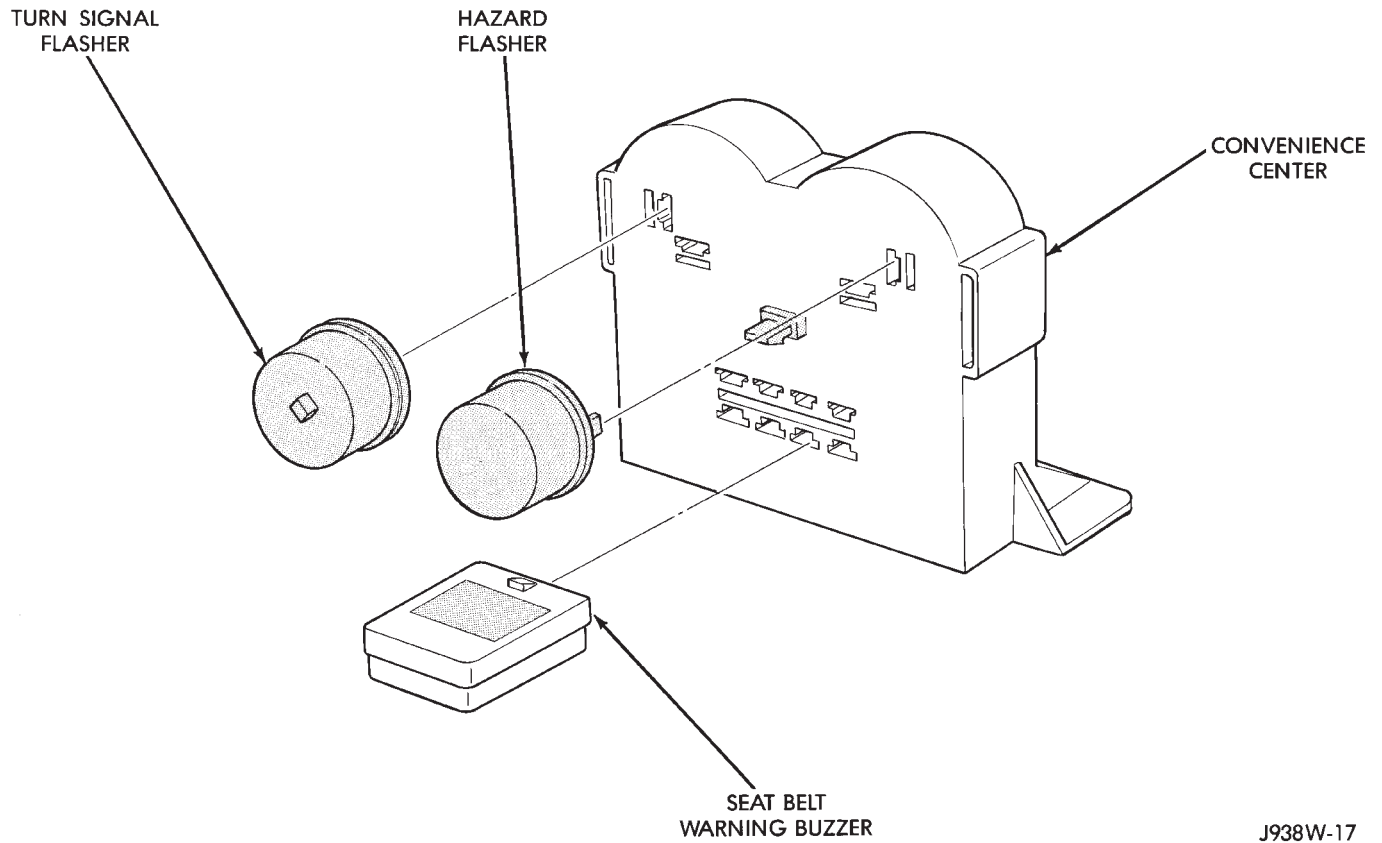


Fig. 13 Convince Center

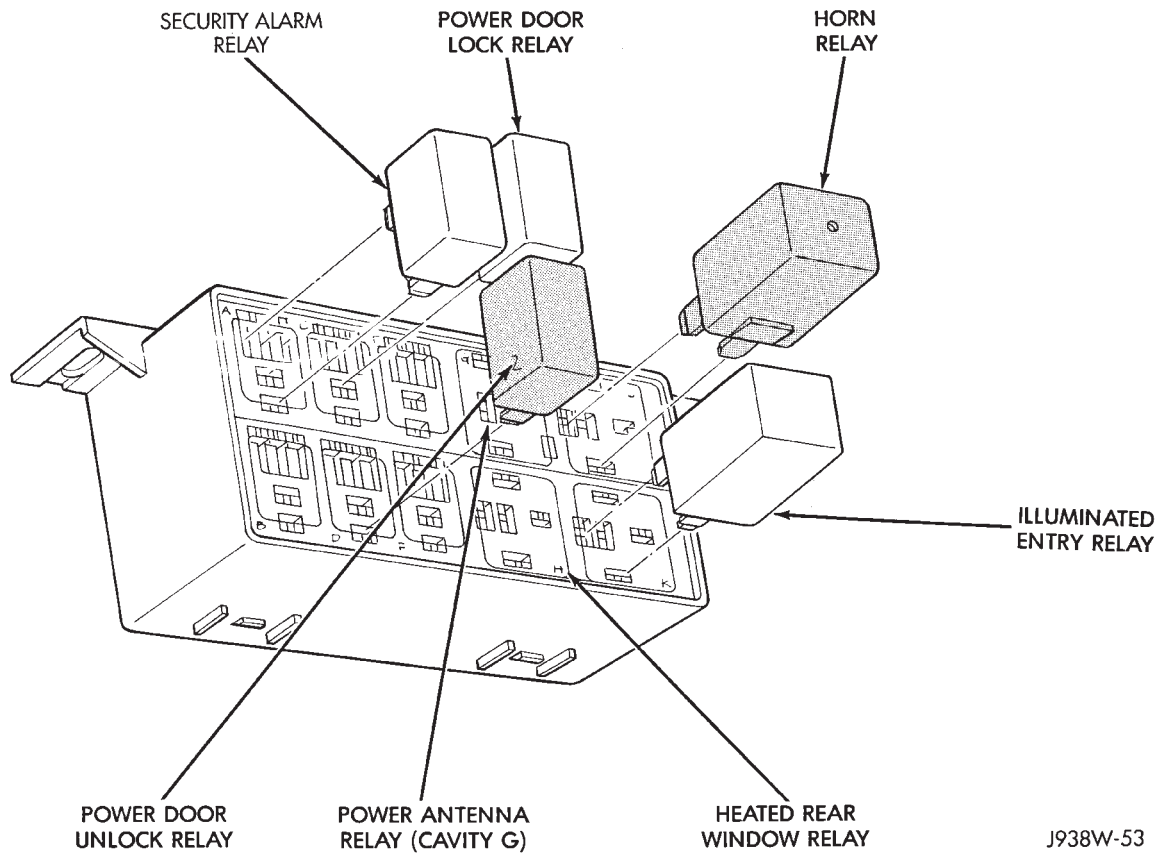
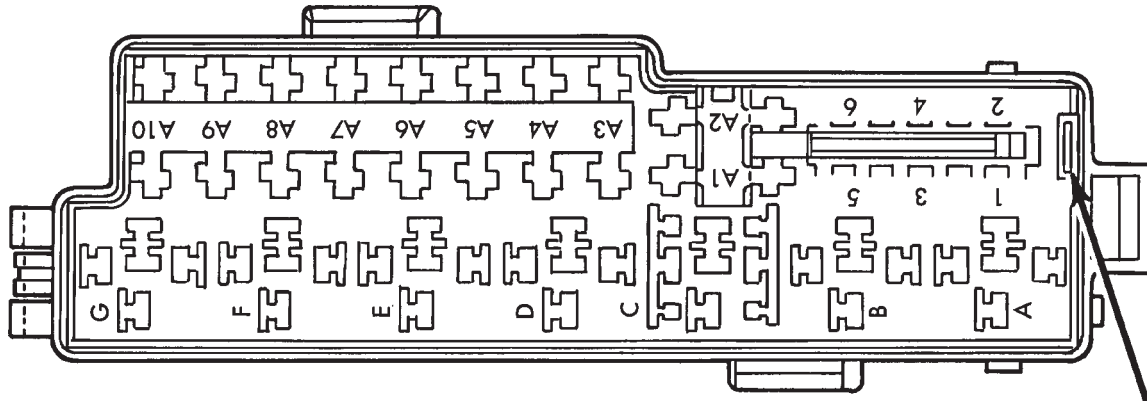


Fig. 14 Relay Center

RELAYS	
CAV	DESCRIPTION
A	FOG LAMP
B	FUEL PUMP
C	ABS PUMP MOTOR
D	A/C
E	AUTOMATIC SHUTDOWN
F	ENGINE STARTER
G	ABS SYSTEM

MINI FUSES	
CAV	DESCRIPTION
1	IGNITION-OFF DRAW
2	AUXILIARY LAMPS
3	POWERTRAIN CONTROL MODULE
4	A/C COMPRESSOR CLUTCH
5	AIRBAG SYSTEM DIAGNOSTIC MODULE
6	TRANSMISSION CONTROL

MAXI FUSES	
CAV	DESCRIPTION
A1	ABS PUMP MOTOR
A2	GENERATOR
A3	ABS SYSTEM
A4	EXTERIOR LIGHTING
A5	BLOWER MOTOR
A6	IGNITION SWITCH
A7	IGNITION SWITCH
A8	FUSE BLOCK
A9	POWERTRAIN CONTROL MODULE
A10	GENERATOR



SPARE FUSE HOLDER
FOR IGNITION-OFF-DRAW
FUSE

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Fig. 15 Power Distribution Center

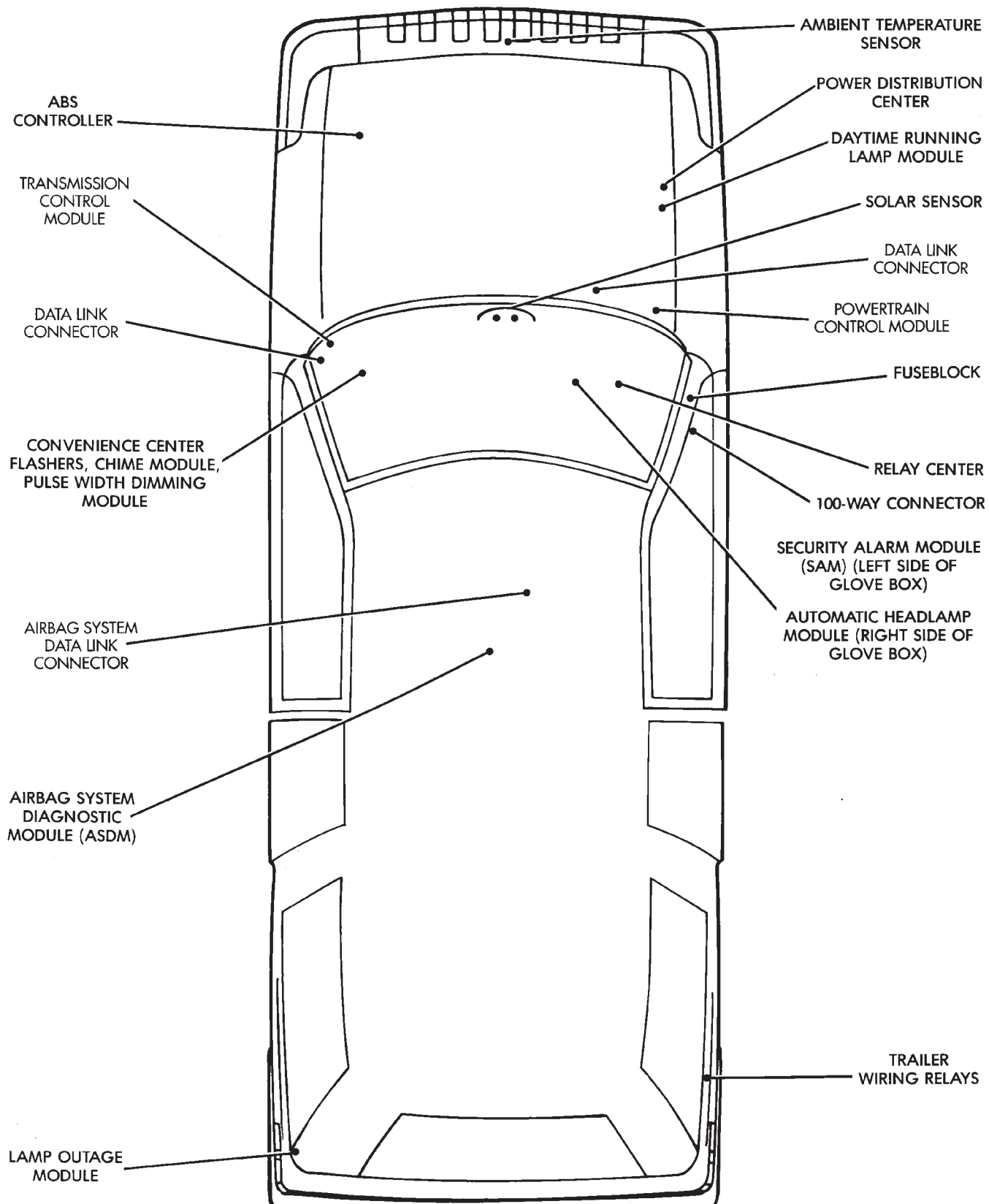
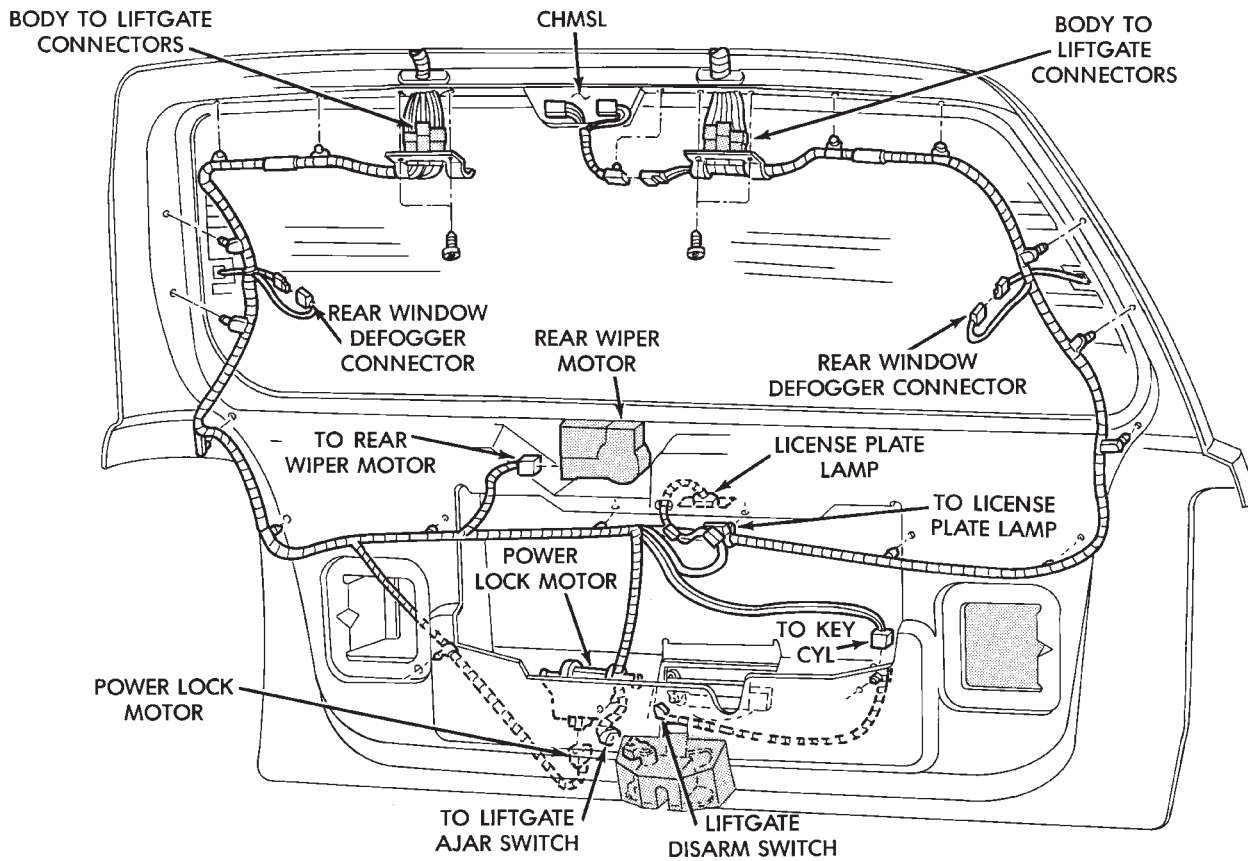


Fig. 16 Module and Component Location

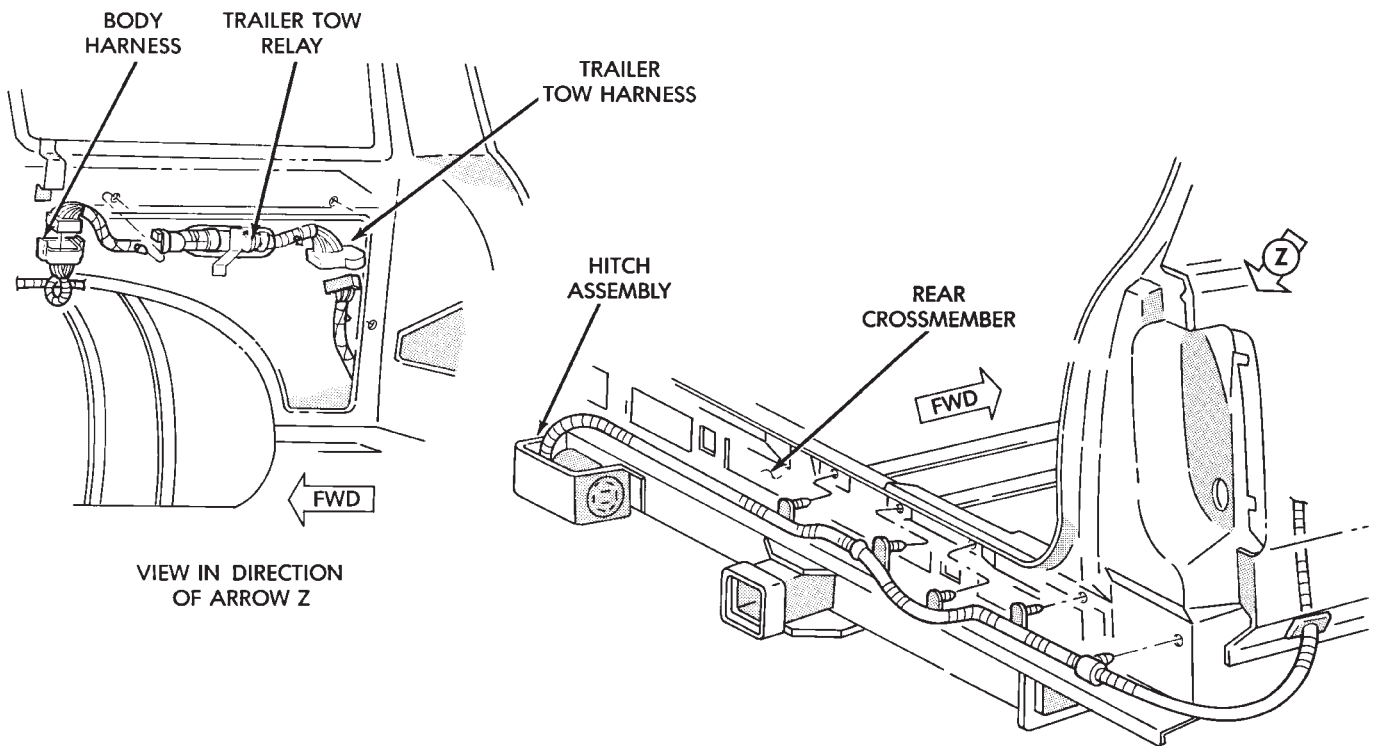
COMPONENT IDENTIFICATION

<u>Caption</u>	<u>Fig.</u>	<u>Caption</u>	<u>Fig.</u>
Battery and Starter Wiring 5.2L	17	Instrument Panel to Body Wiring	12
Body Wiring (Floor and Console)	5	Instrument Panel Wiring	11
Body Wiring (Left Side)	3	Liftgate Wiring	1
Body Wiring (Right Side)	4	Overhead Lamps Wiring	6
Door Wiring (Front)	7	Power Seat Wiring	9
Door Wiring (Rear)	8	Steering Column Wiring	10
Engine Compartment Wiring (Left Side)	14	Trailer Tow Wiring	2
Engine Compartment Wiring (Right Side)	13	Transmission Wiring 4.0L	19
Engine Wiring 4.0L	15	Transmission Wiring 5.2L	18
Engine Wiring 5.2L	16	Underhood Lamp Wiring	21
Front End Wiring	20		



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Fig. 1 Liftgate Wiring



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Fig. 2 Trailer Tow Wiring

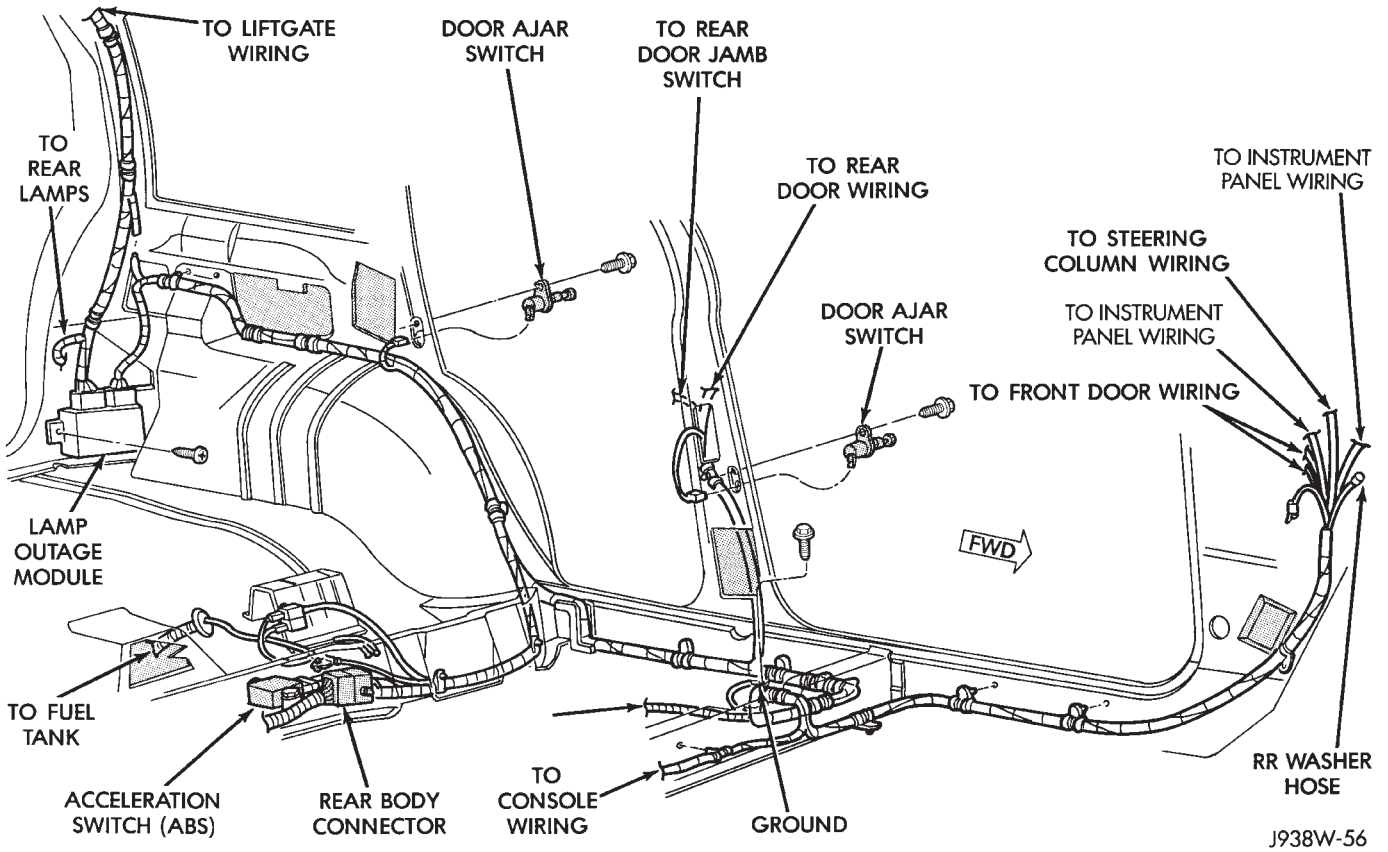


Fig. 3 Body Wiring (Left Side)

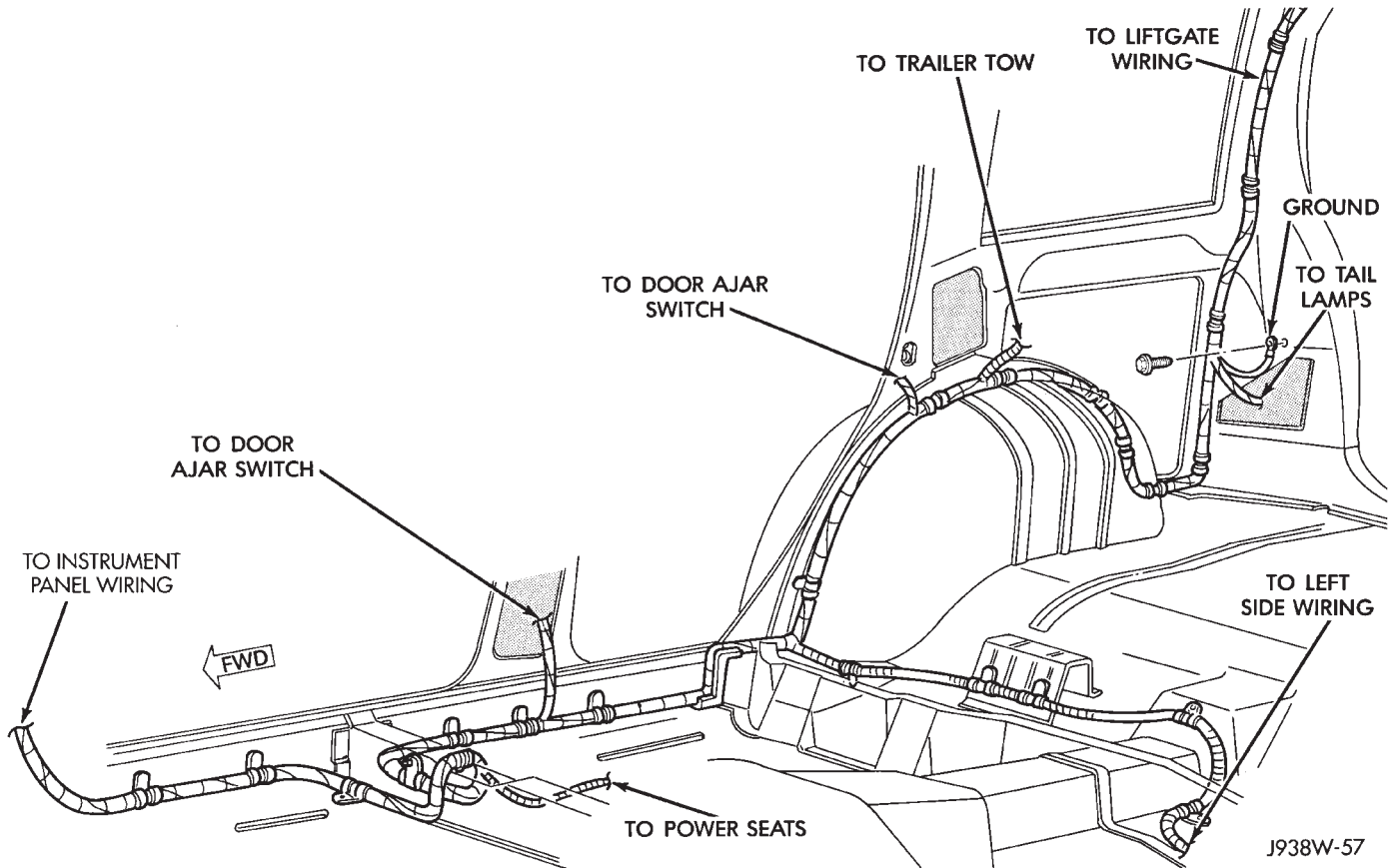
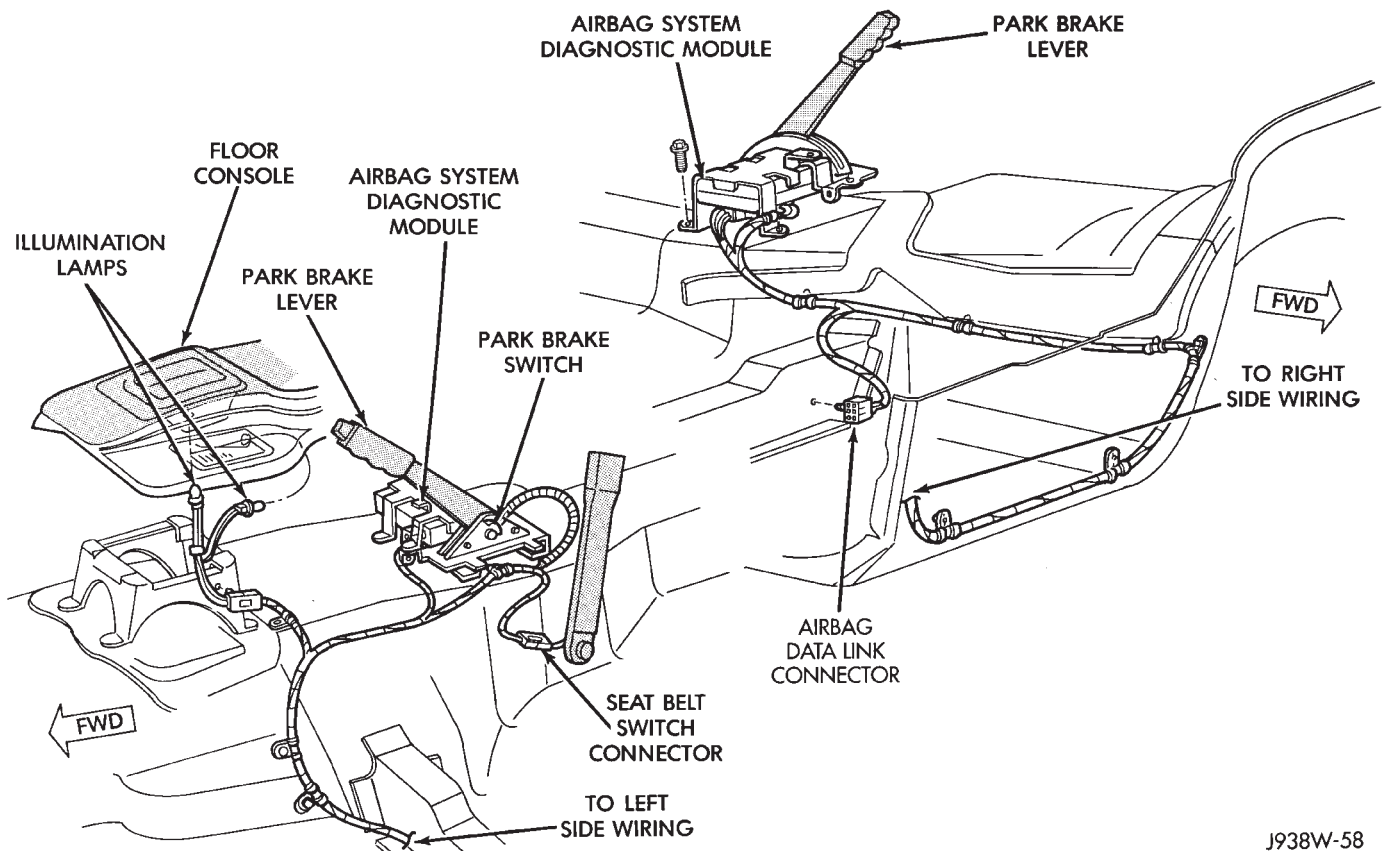
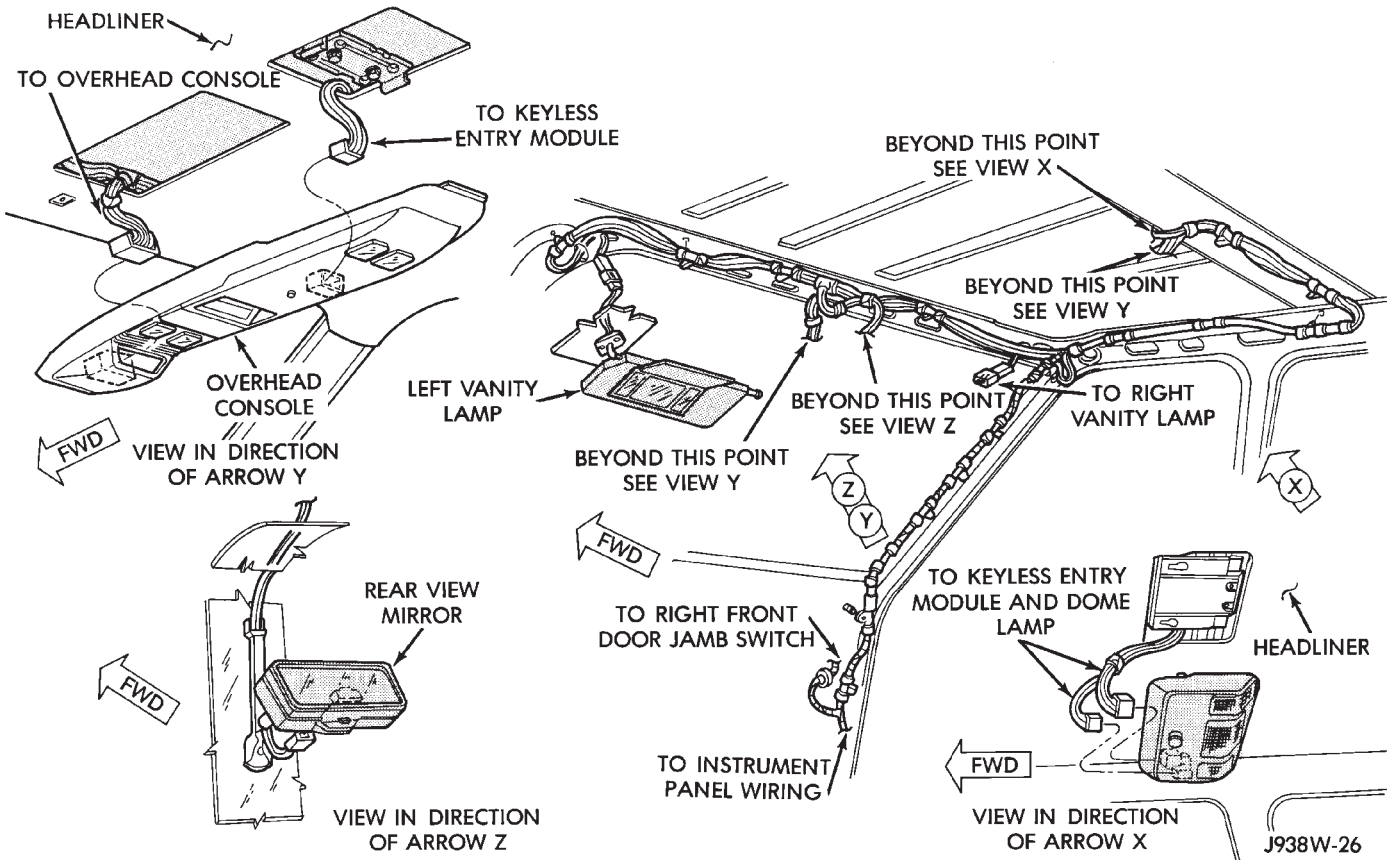


Fig. 4 Body Wiring (Right Side)



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Fig. 5 Body Wiring (Floor and Console)



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Fig. 6 Overhead Lamps Wiring

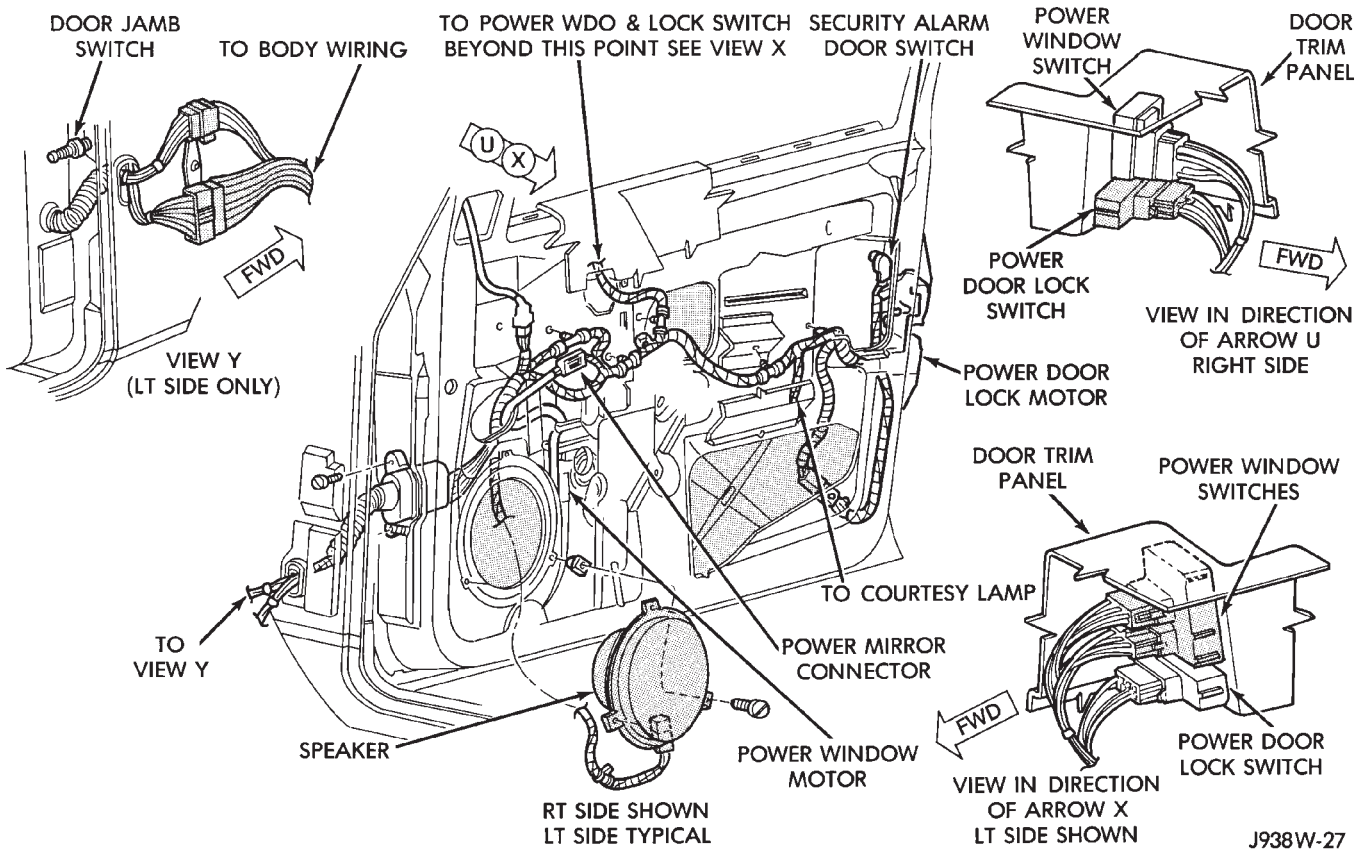


Fig. 7 Door Wiring (Front)

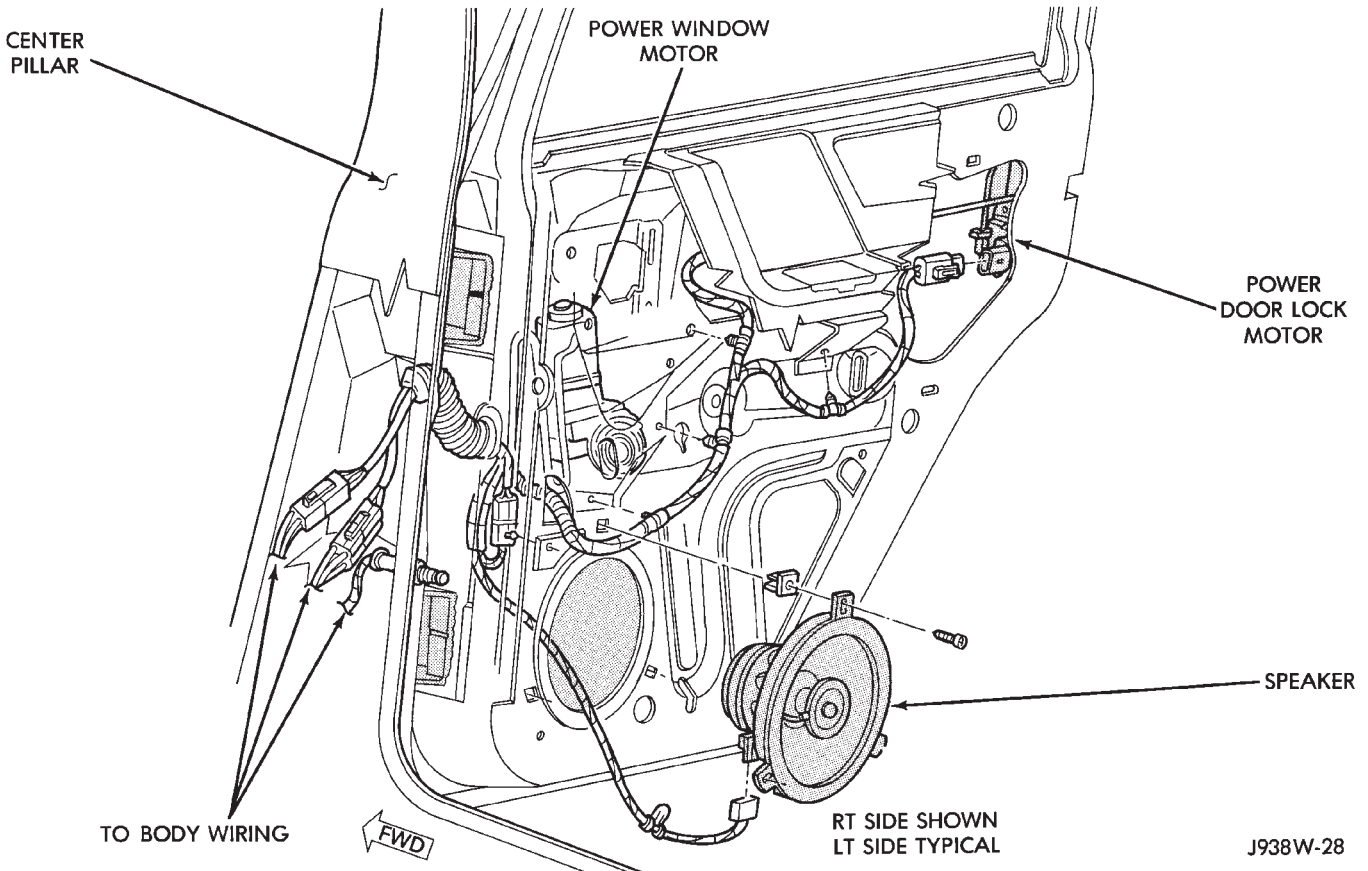
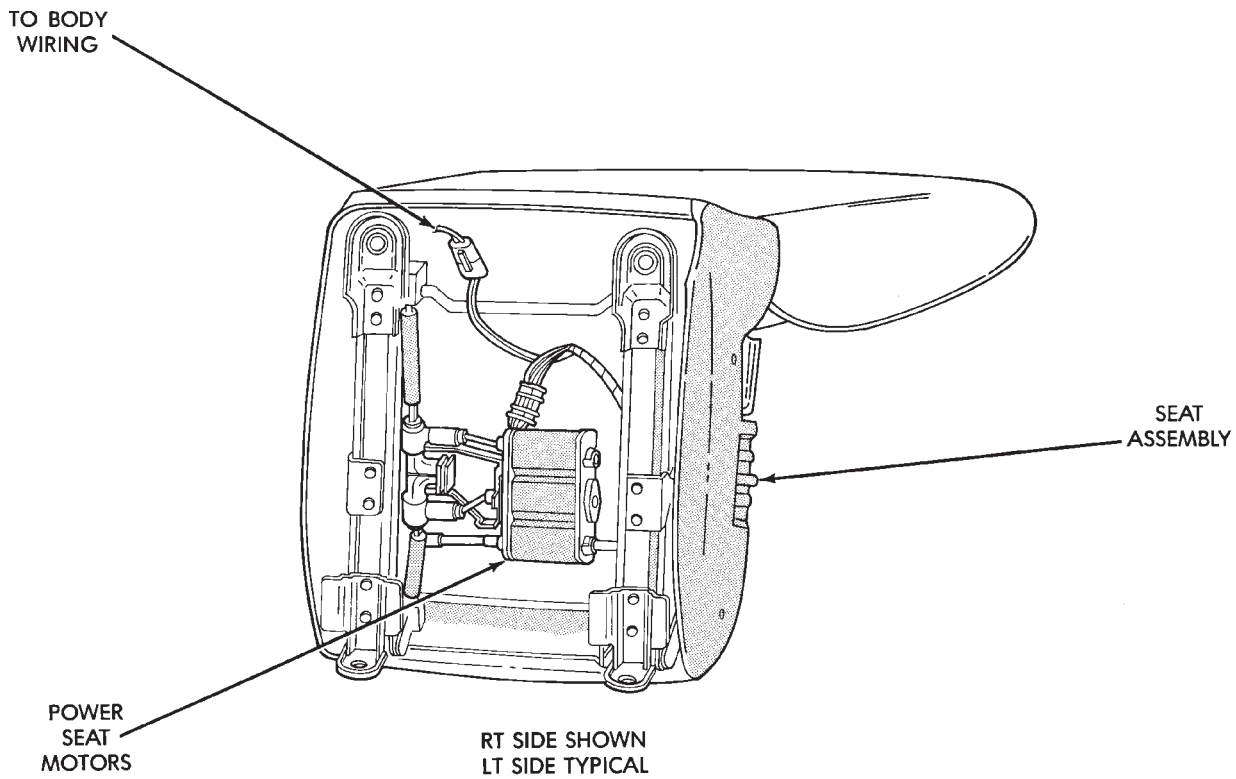
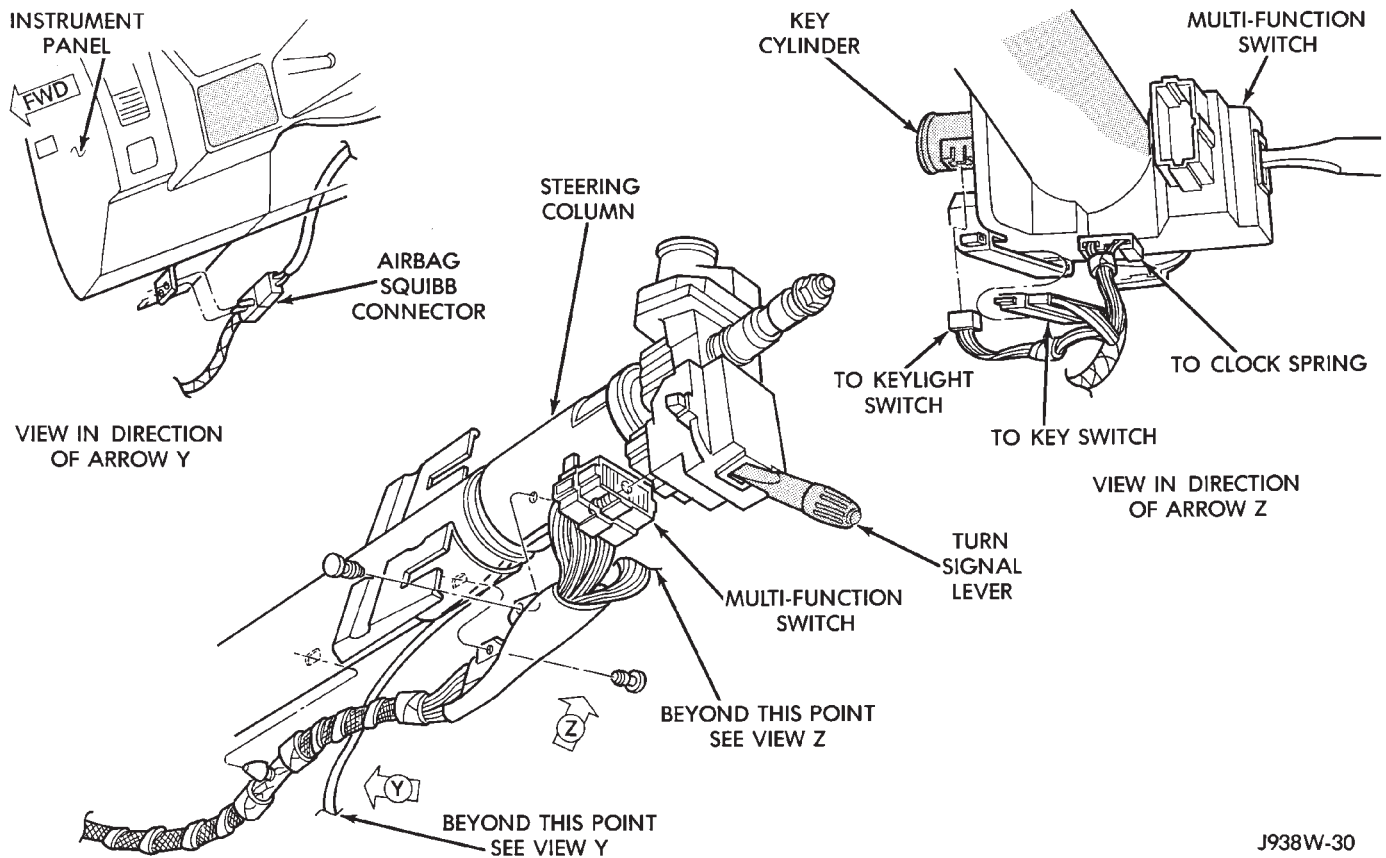


Fig. 8 Door Wiring (Rear)



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Fig. 9 Power Seat Wiring



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Fig. 10 Steering Column Wiring

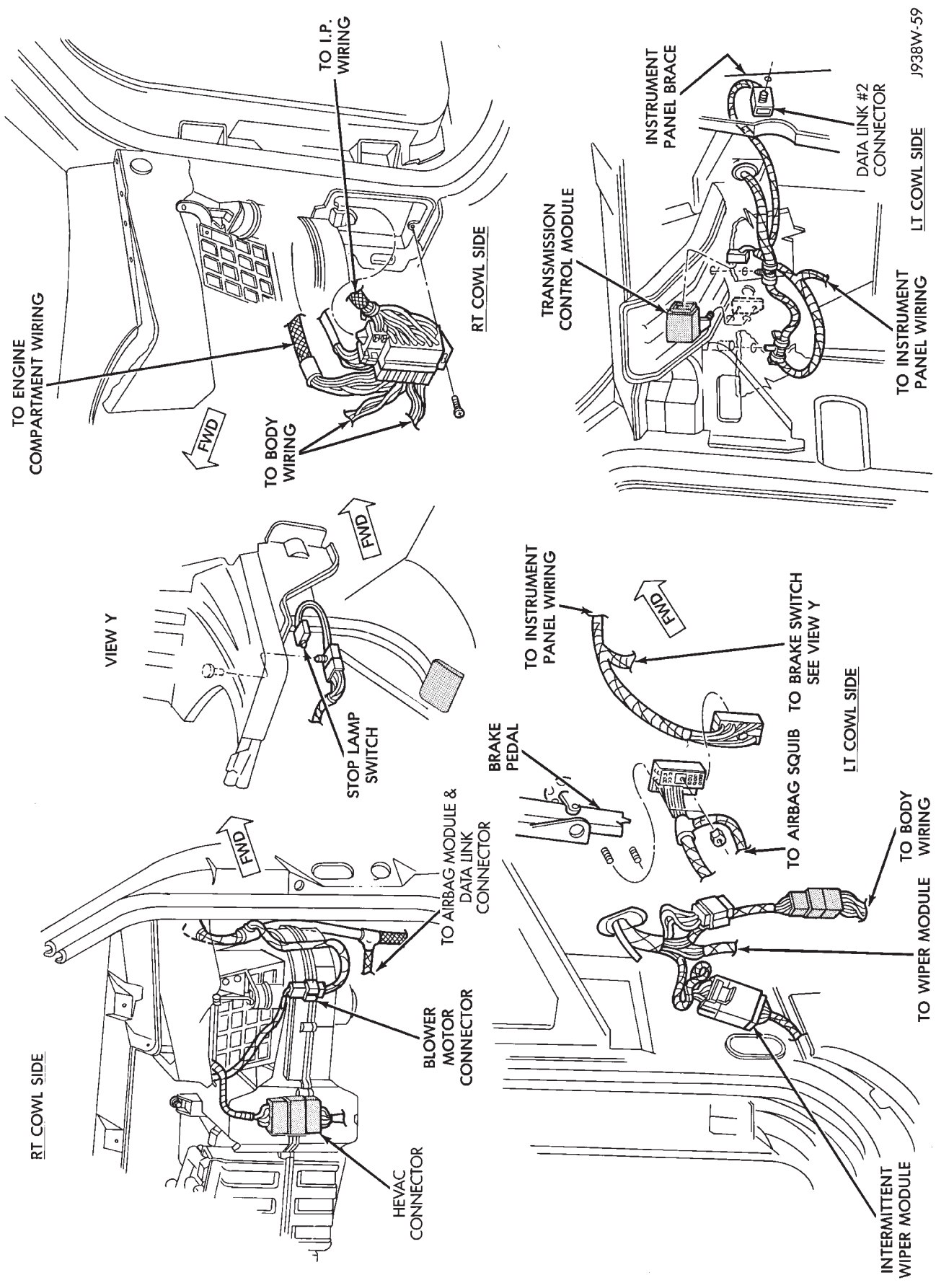


Fig. 12 Instrument Panel to Body Wiring

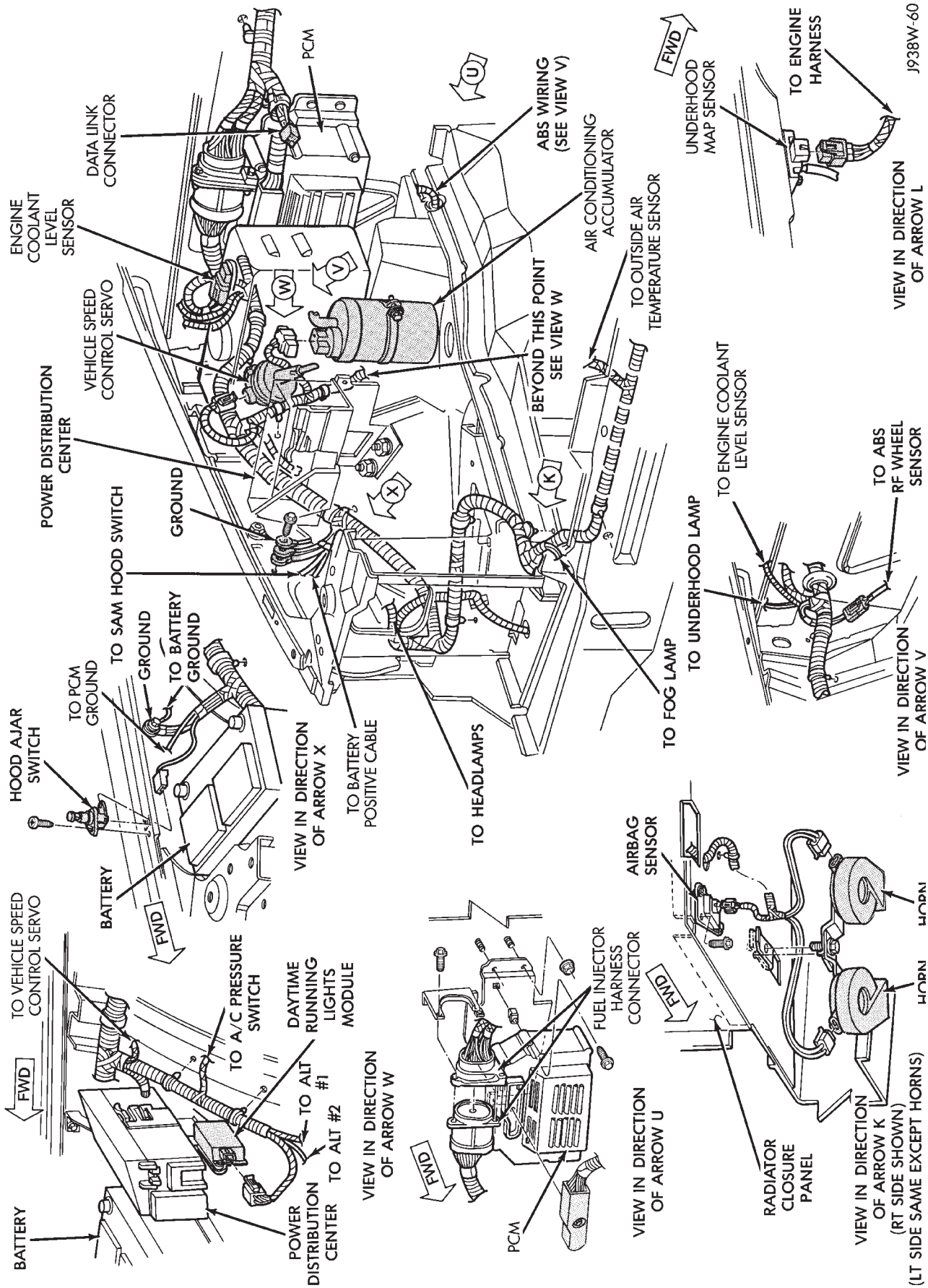


Fig. 13 Engine Compartment Wiring (Right Side)

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(LT SIDE SAME EXCEPT HORNS)

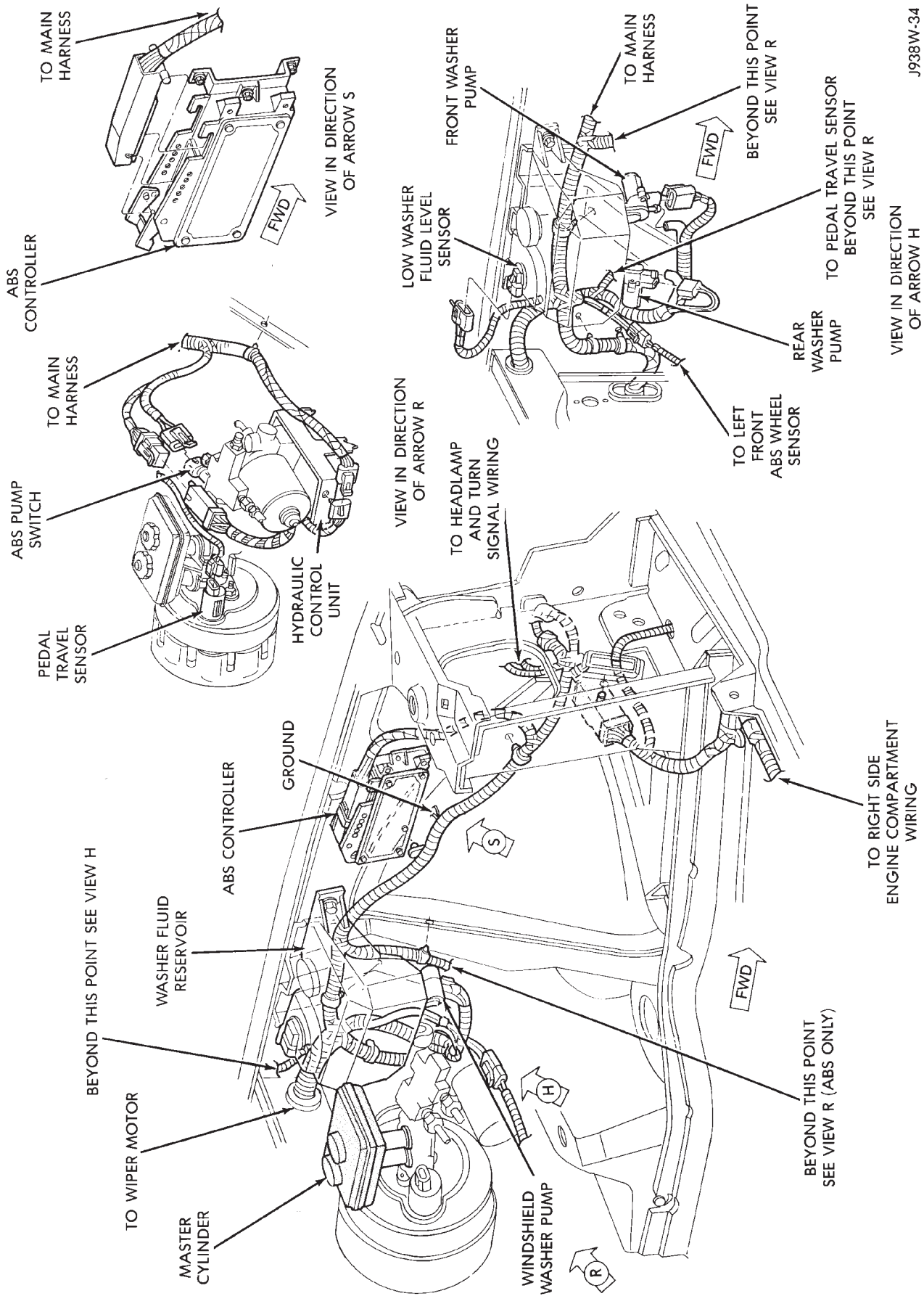
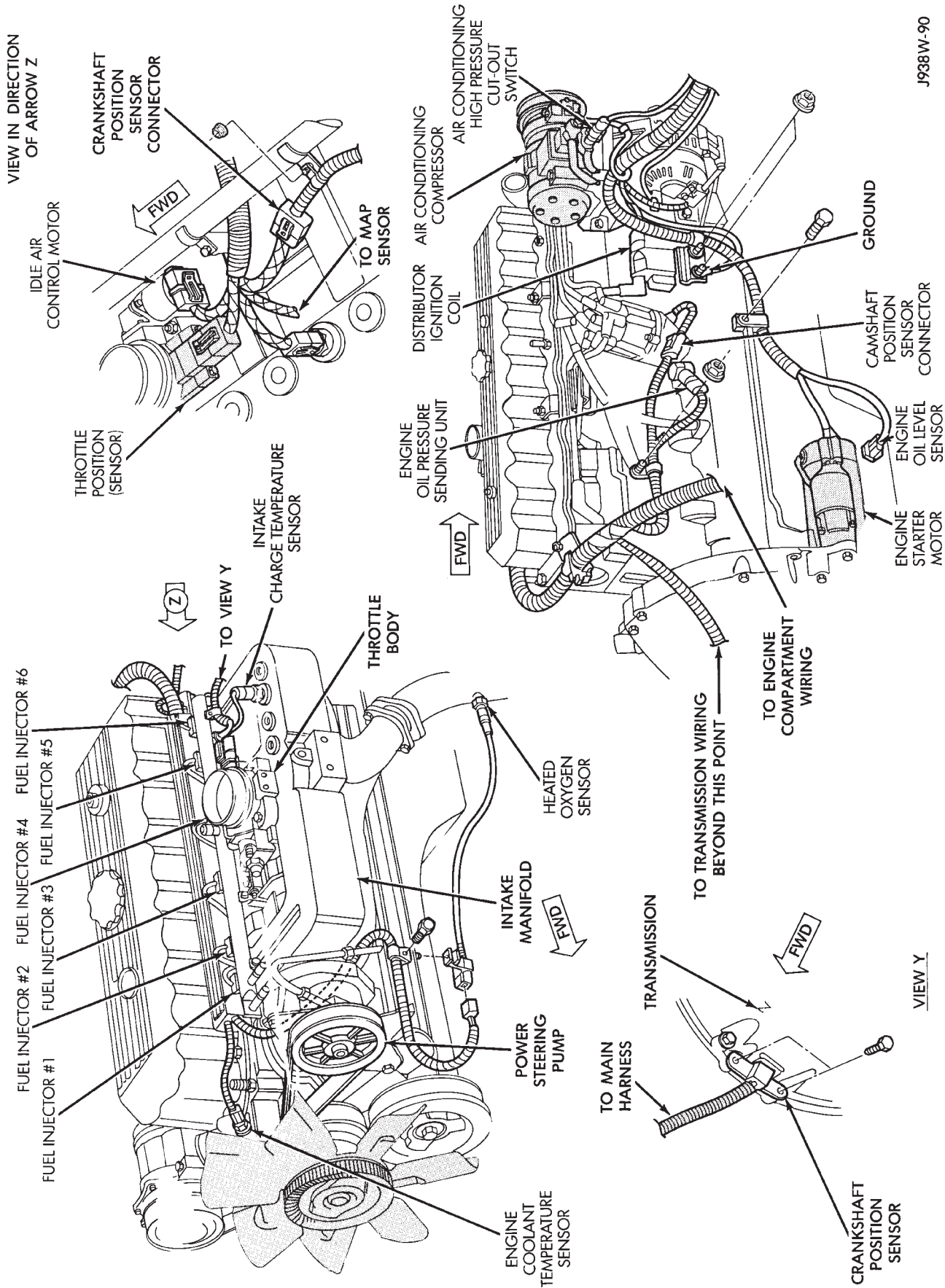
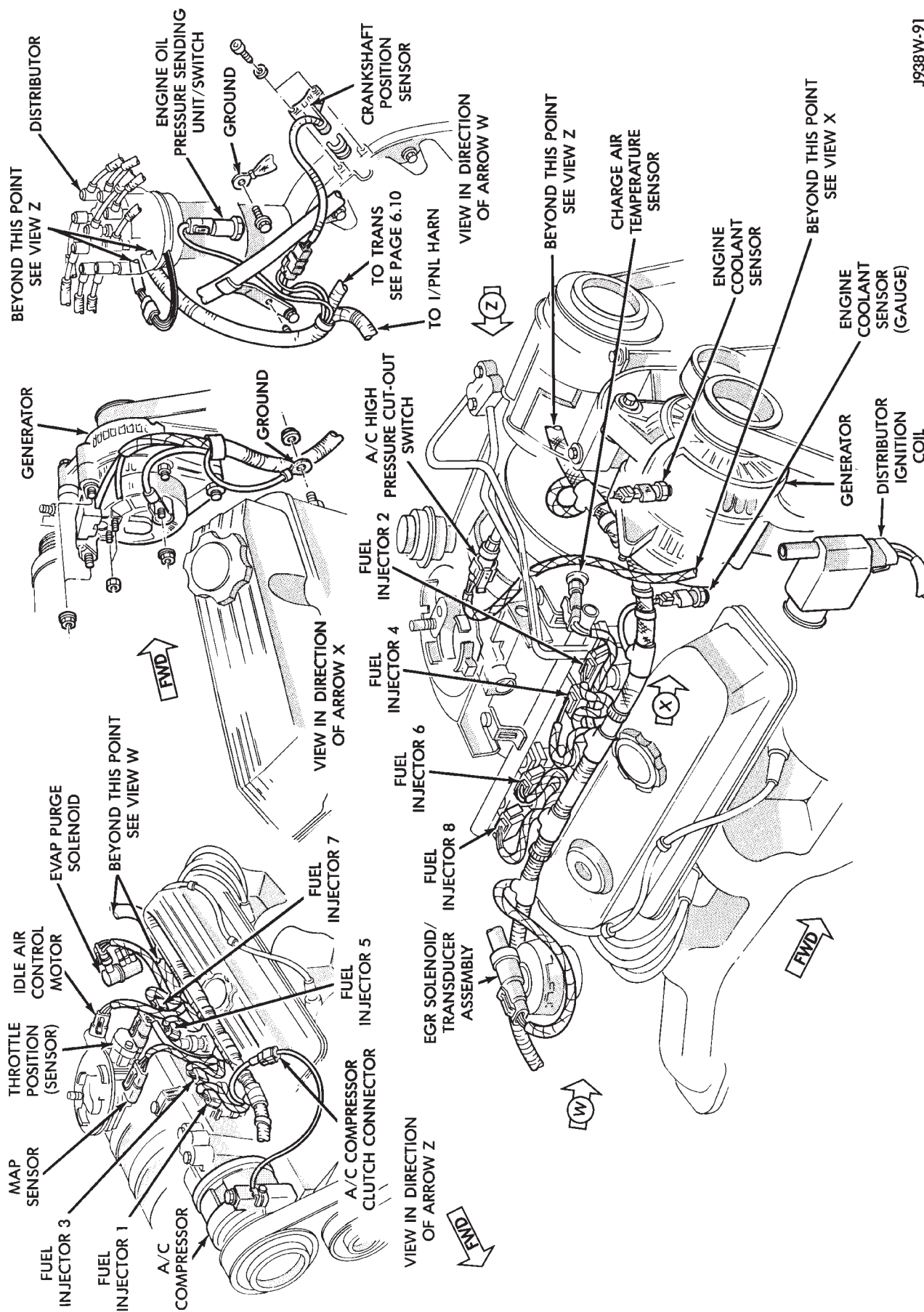


Fig. 14 Engine Compartment Wiring (Left Side)



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Fig. 15 Engine Wiring 4.0L



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Fig. 16 Engine Wiring 5.2L

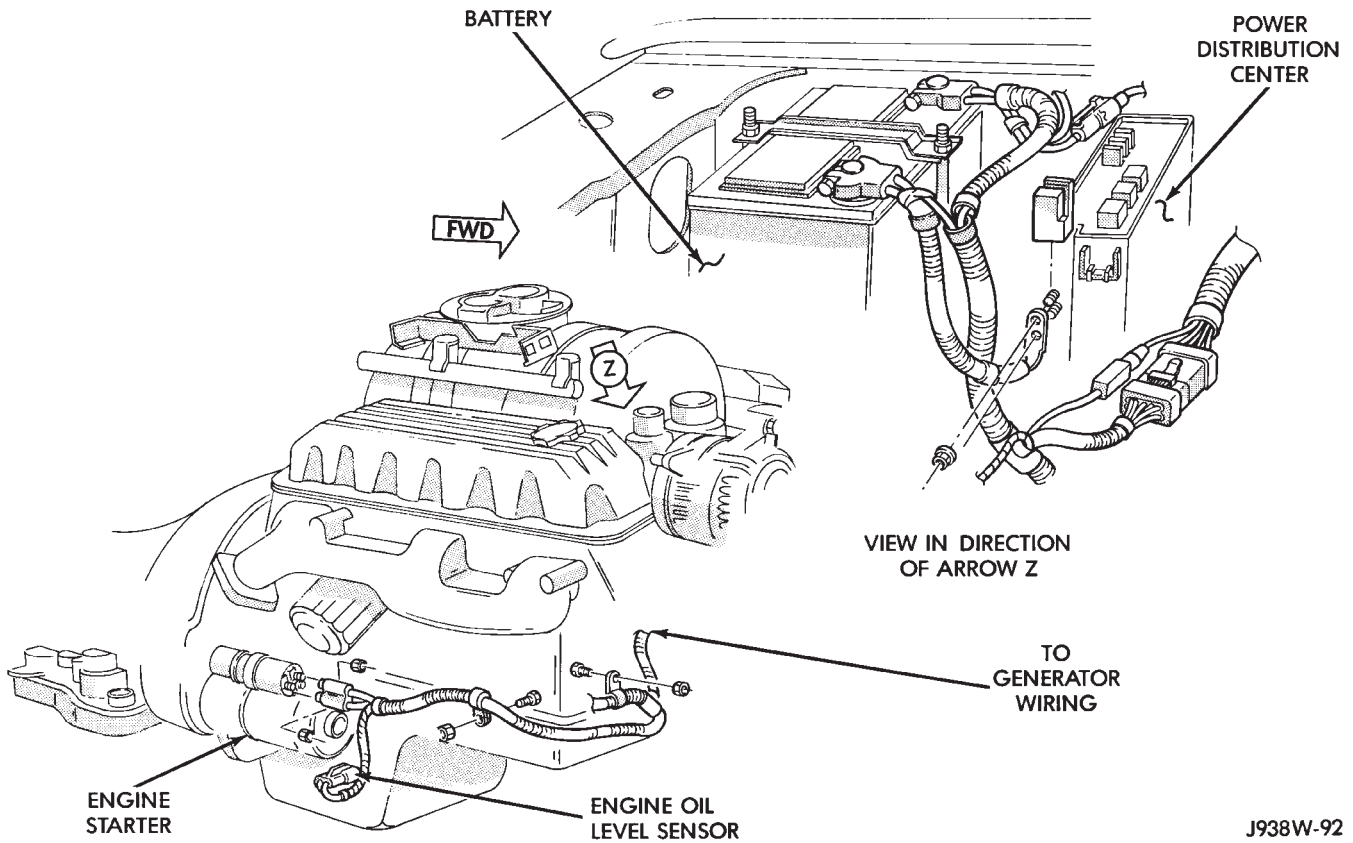


Fig. 17 Battery and Starter Wiring 5.2L

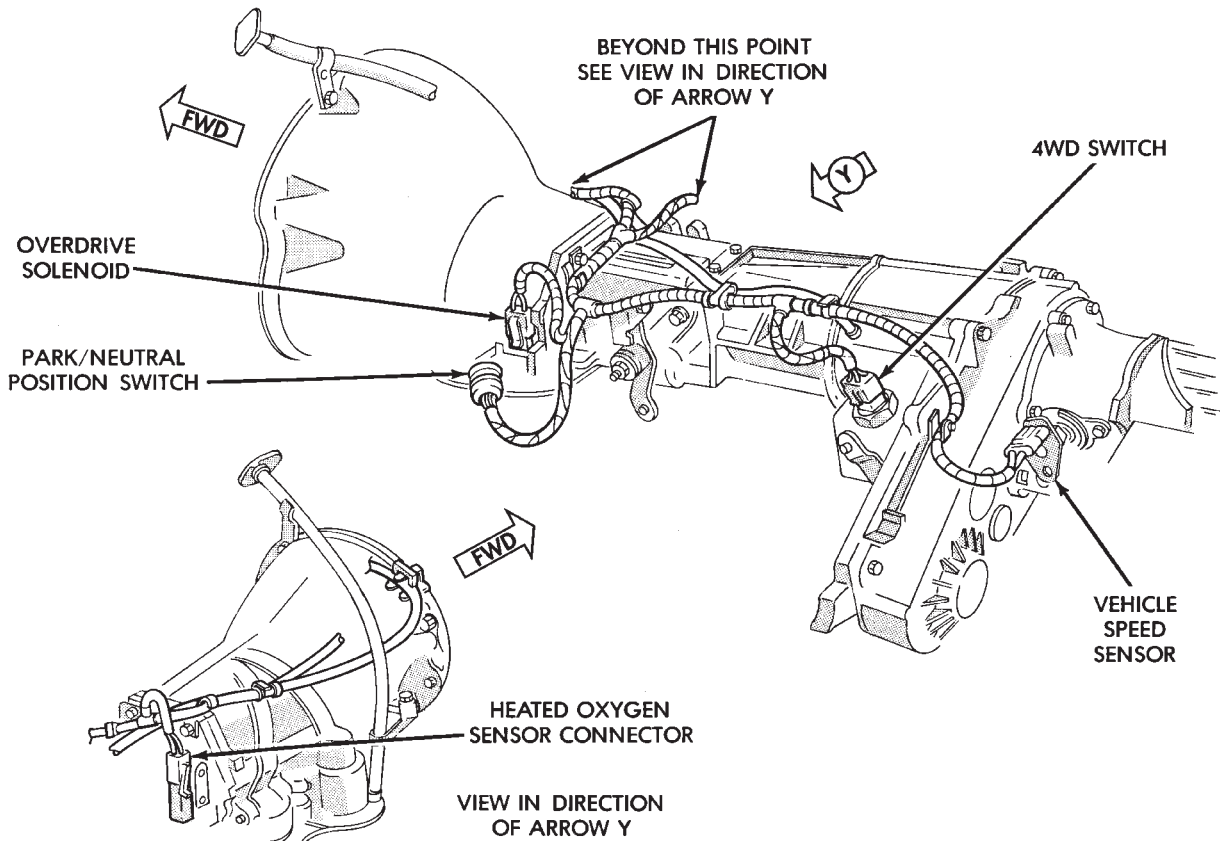


Fig. 18 Transmission Wiring 5.2L

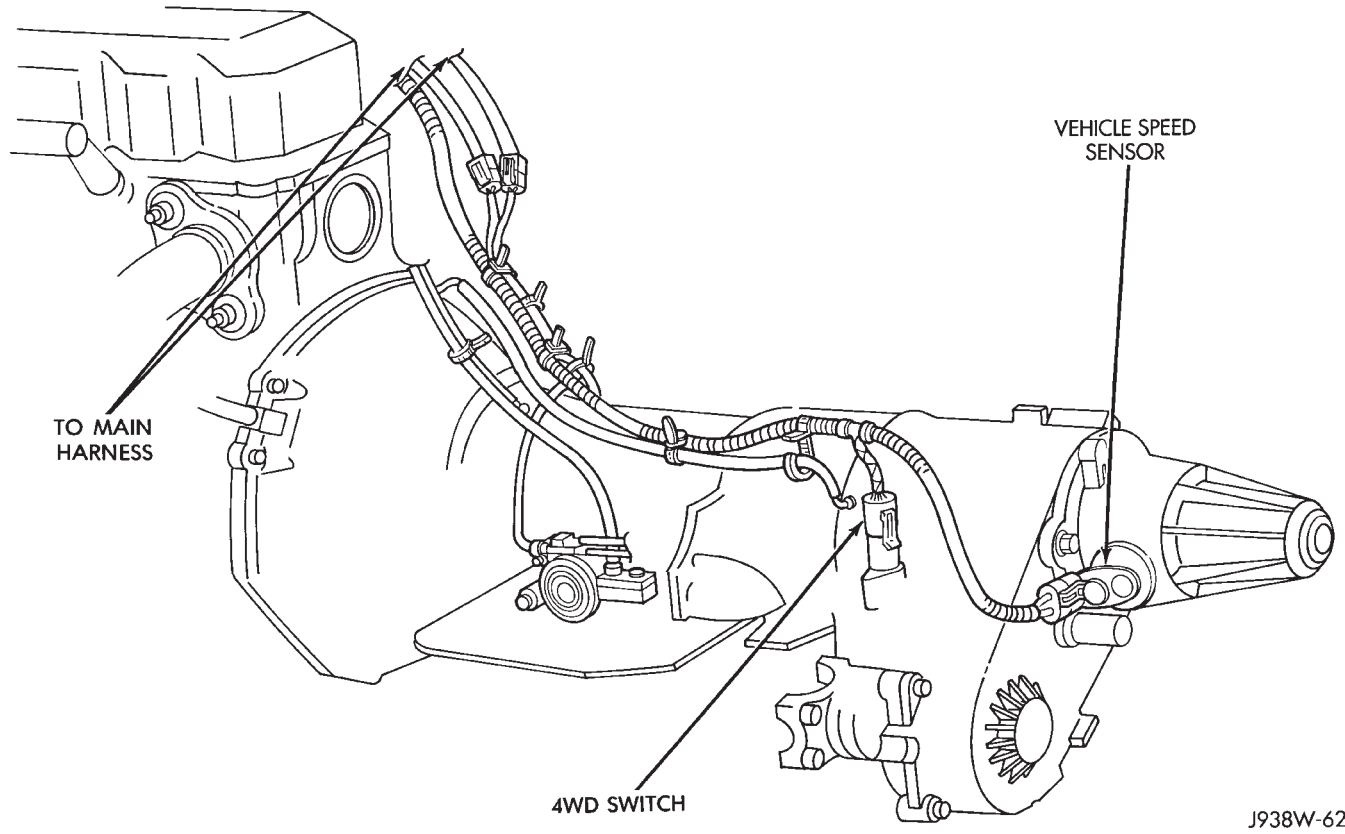


Fig. 19 Transmission Wiring 4.0L

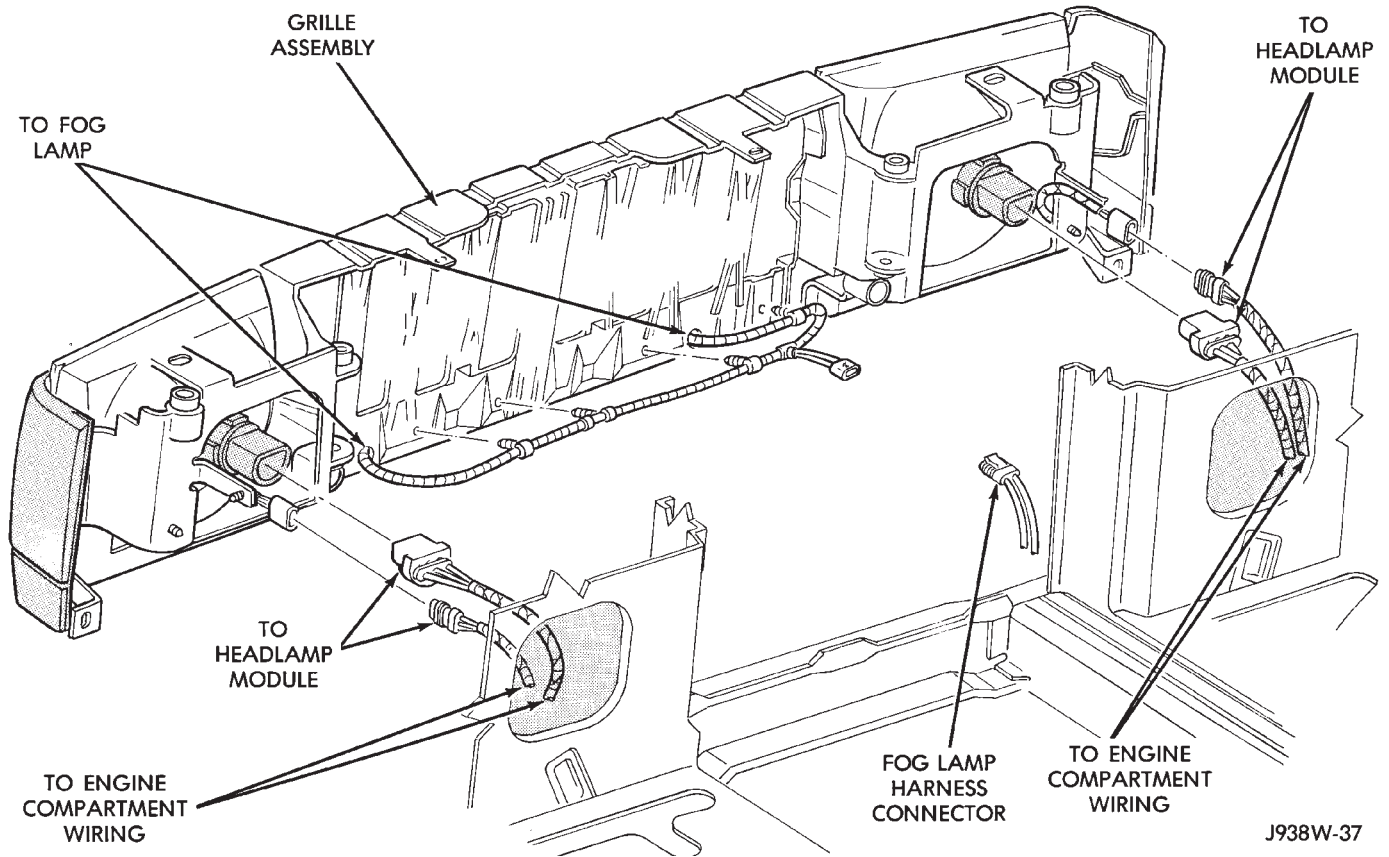
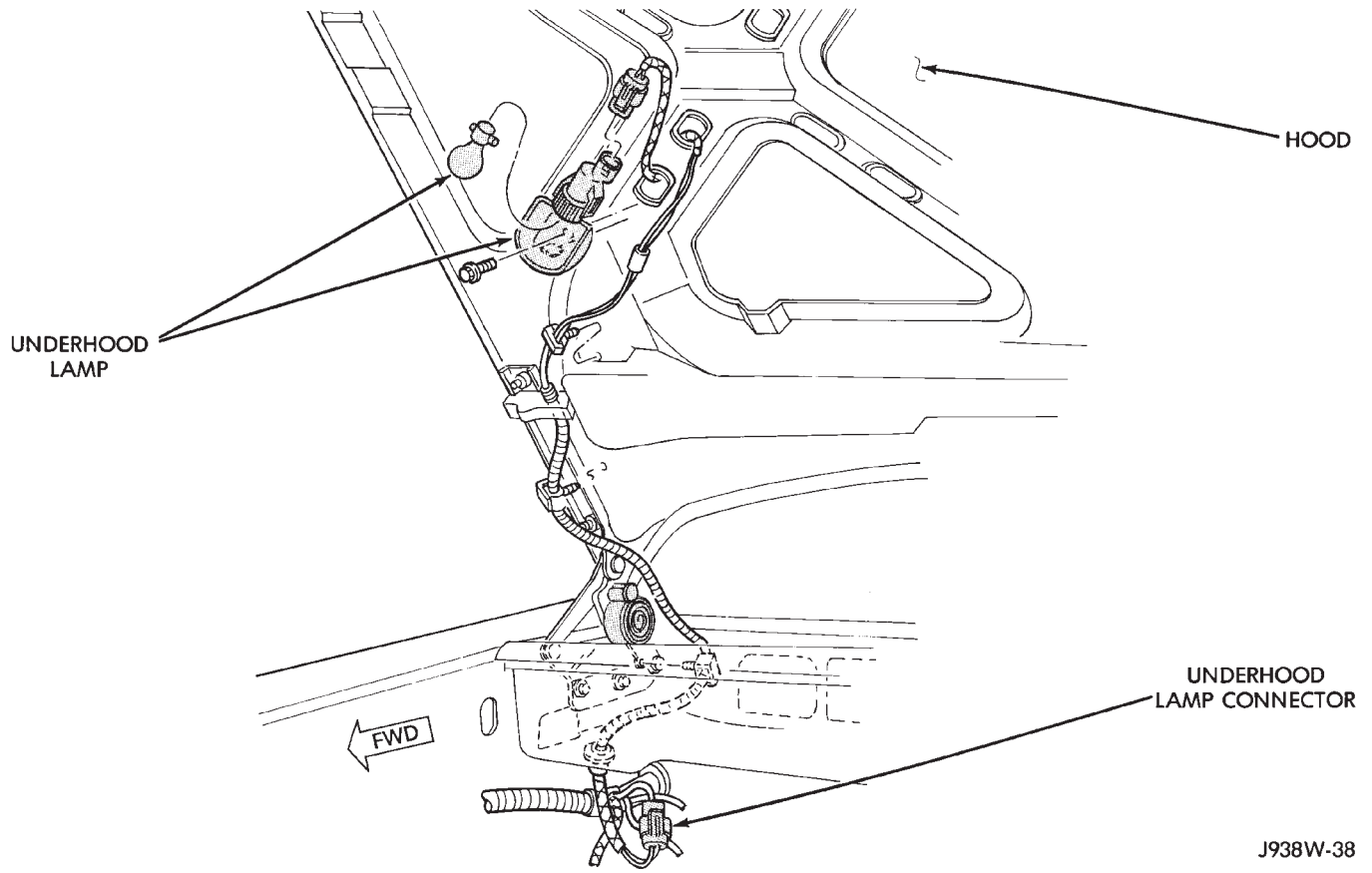


Fig. 20 Front End Wiring

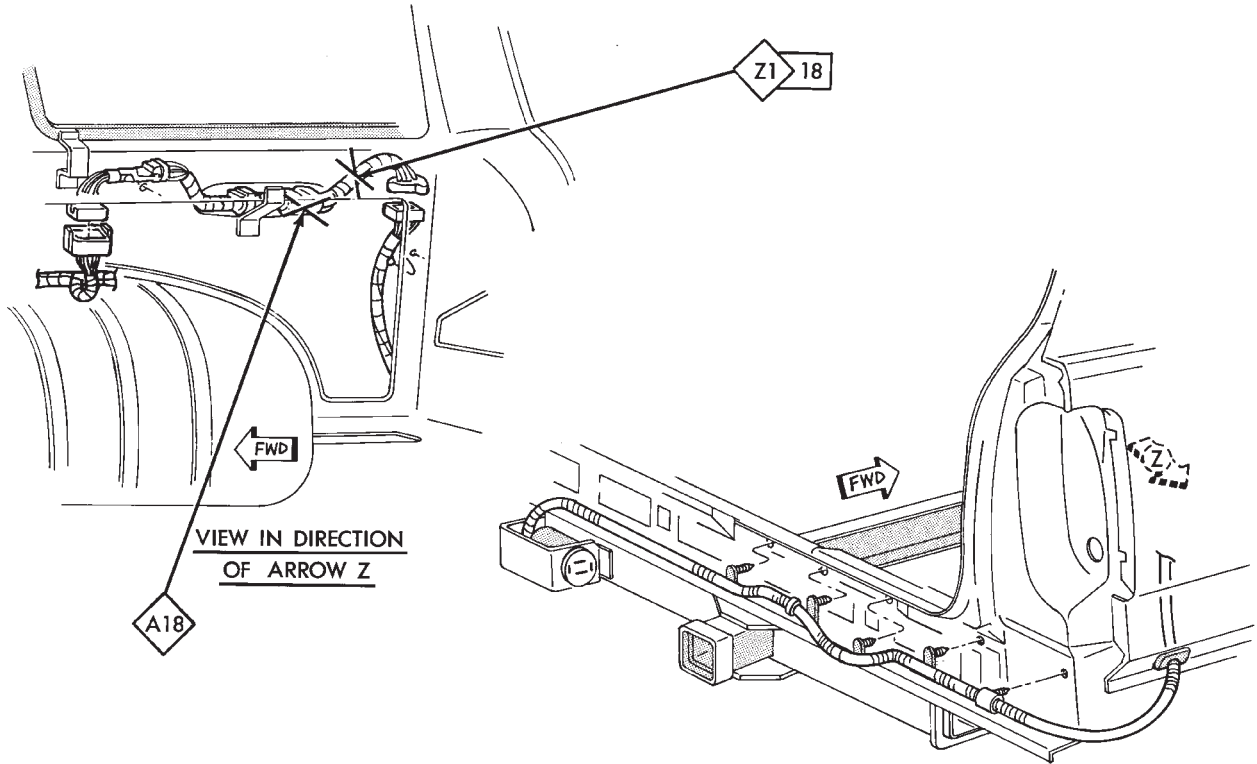


J938W-38

Fig. 21 Underhood Lamp Wiring

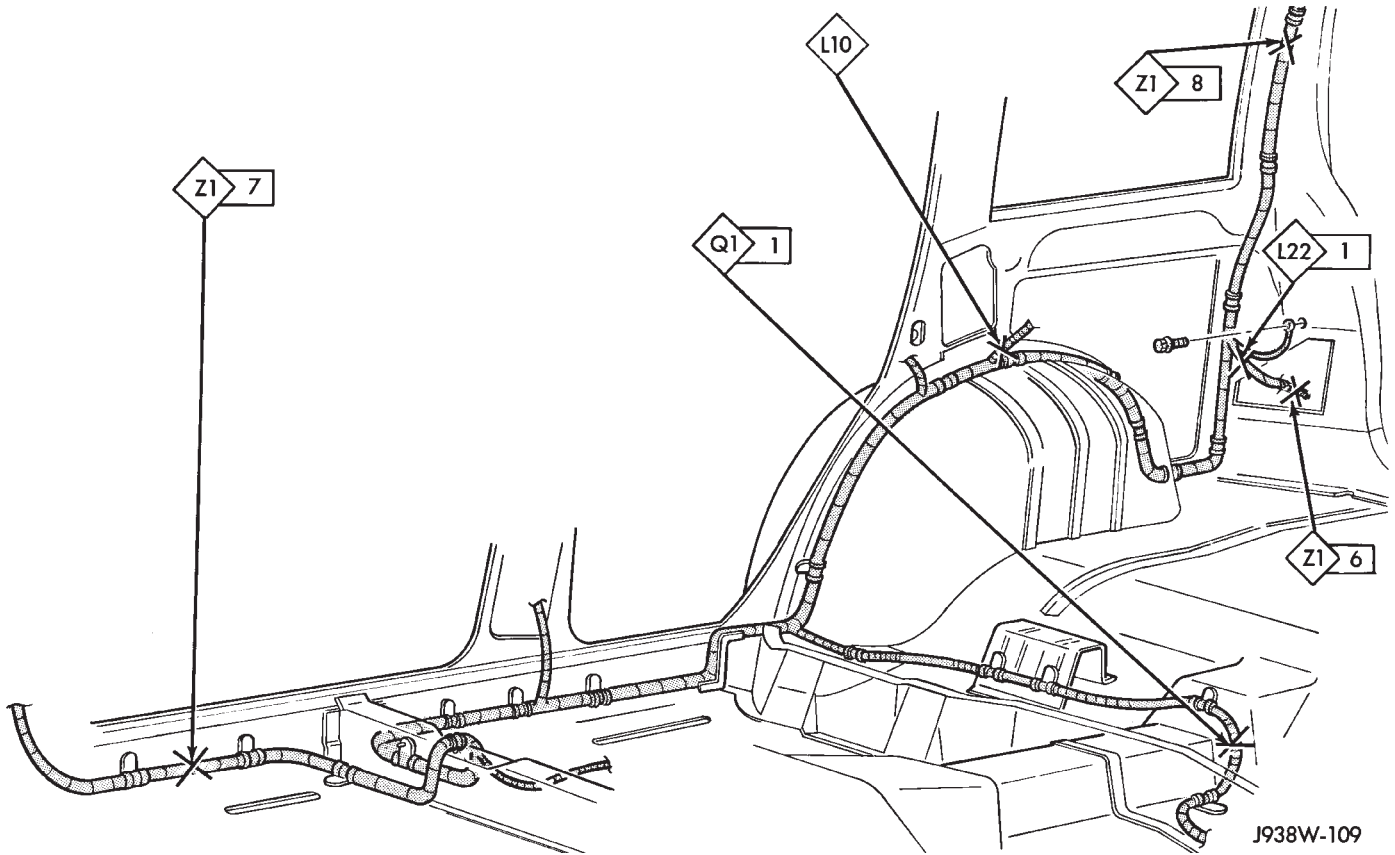
SPLICE LOCATIONS

Splice Number	Figure	Splice Number	Figure
107	.7	L4	.11
235	.8	L10	.2
A5	.8	L22-1	.2
A6	.7	L22-2	.3
A6-1	.8	L39	.11
A11	.8	L64	.11
A18	.1	L64-1	.11
A21	.8	L64-2	.7
A21-1	.7	L90	.11
A61 4.0L	.9	L90-1	.11
A61 5.2L	.8	L90-2	.7
A61-1 4.0L	.9	M1	.7
A61-1 5.2L	.10	M1-1	.4
C7	.6	M2	.7
C15	.7	M2-1	.4
C34	.7	M2-2	.3
C40	.6	Q1	.3
C42	.6	Q1-1	.2
D1	.8	T41	.8
D2	.8	X2	.8
D41	.7	X53	.7
D41-1	.6	X55	.7
E2	.7	Z1	.11
F35	.3	Z1-1	.11
F60	.7	Z1-2	.11
F60-1	.4	Z1-3	.8
F81	.4	Z1-4	.3
F83	.7	Z1-6	.2
F83-1	.4	Z1-7	.2
F86	.8	Z1-8	.2
F87	.7	Z1-9	.7
G7 4.0L	.9	Z1-10	.7
G7 5.2L	.10	Z1-11	.5
G7-1 4.0L	.9	Z1-12	.8
G7-1 5.2L	.10	Z1-13	.7
G7-2	.8	Z1-14	.3
G28	.7	Z1-15 4.0L	.9
K4 4.0L	.9	Z1-15 5.2L	.10
K4 5.2L	.10	Z1-17	.4
K6 4.0L	.9	Z1-18	.1
K6 5.2L	.10	Z1-19	.3
K22	.8	Z1-20	.6
K25 4.0L	.9	Z2	.7
K25 5.2L	.10	Z4	.6
L3	.11	Z12	.8



J938W-108

Fig. 1 Trailer Tow Splices



J938W-109

Fig. 2 Body Splices (Right Side)

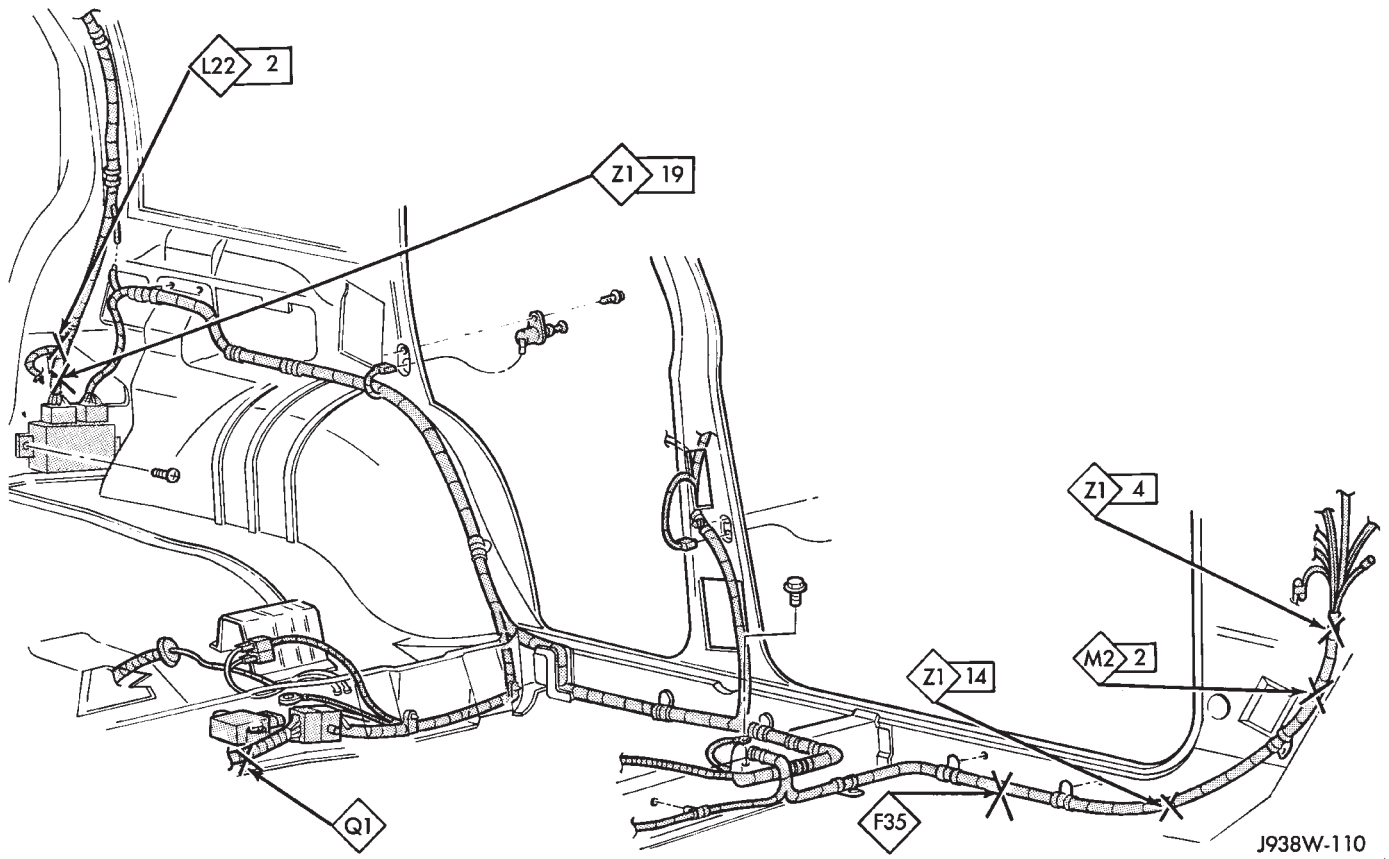


Fig. 3 Body Splices (Left Side)

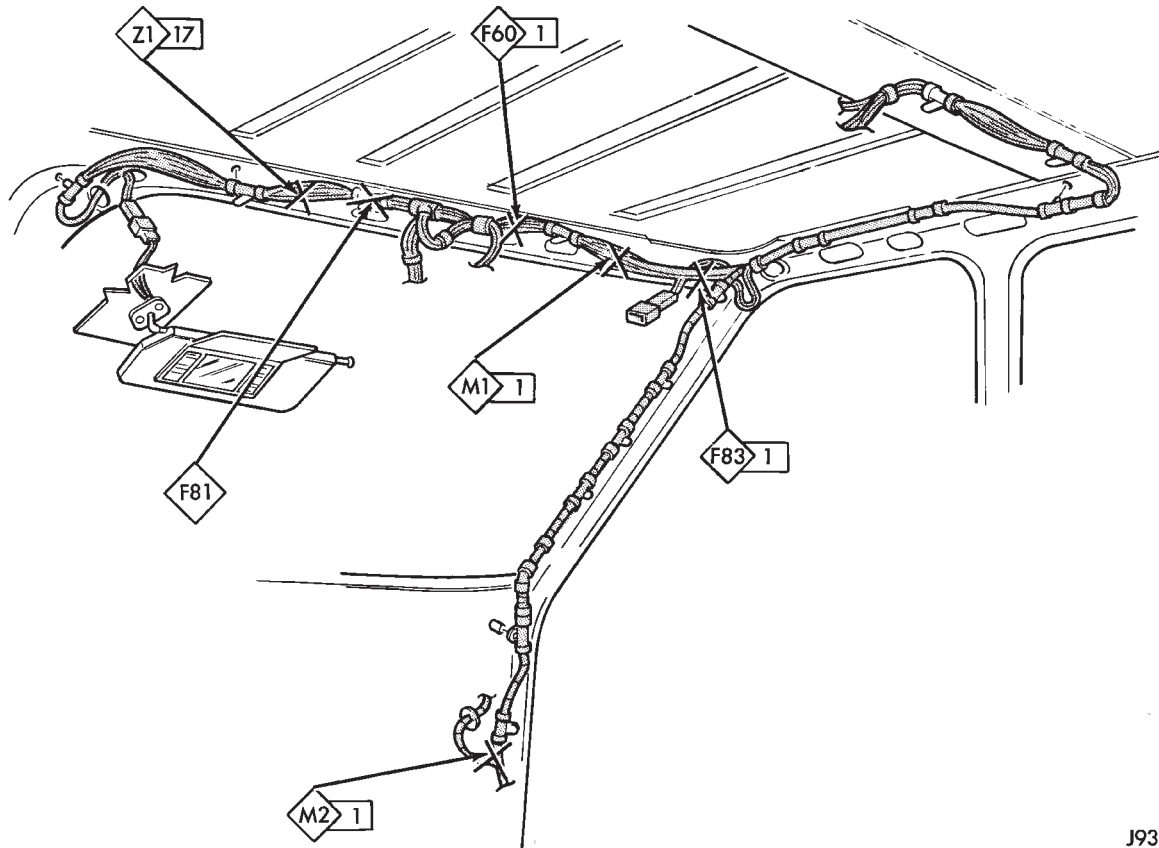
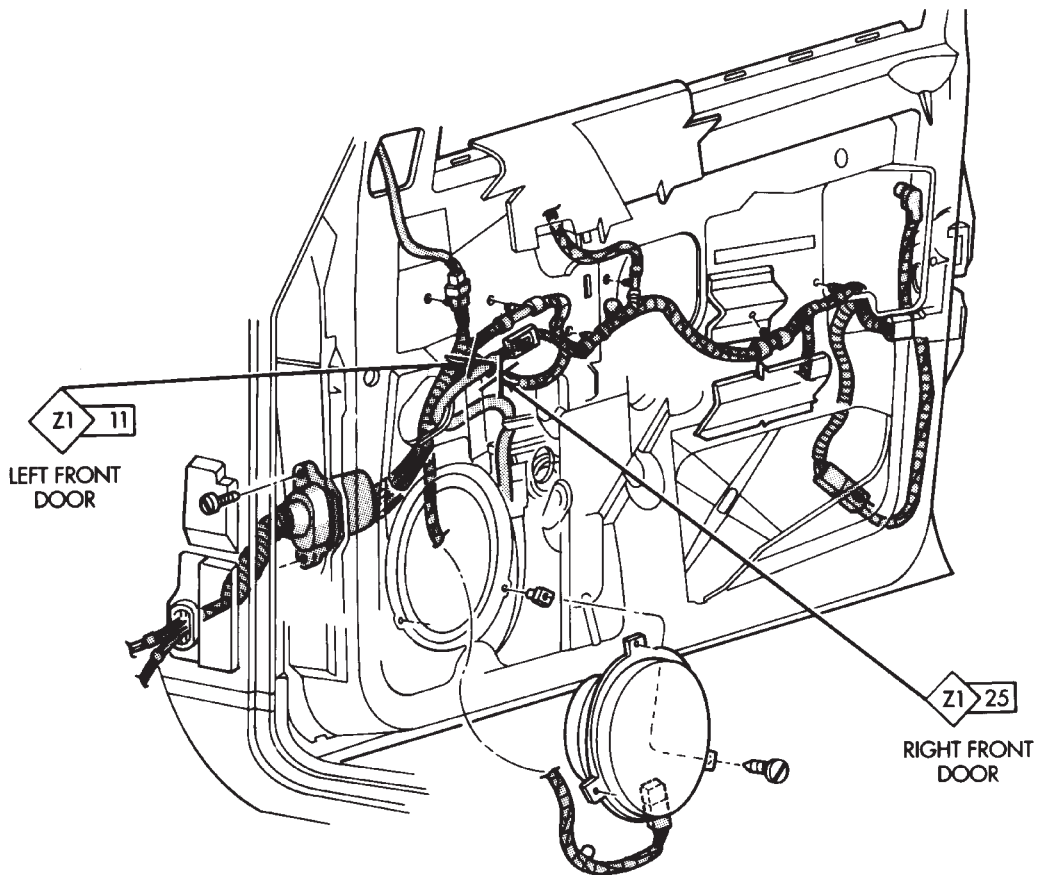
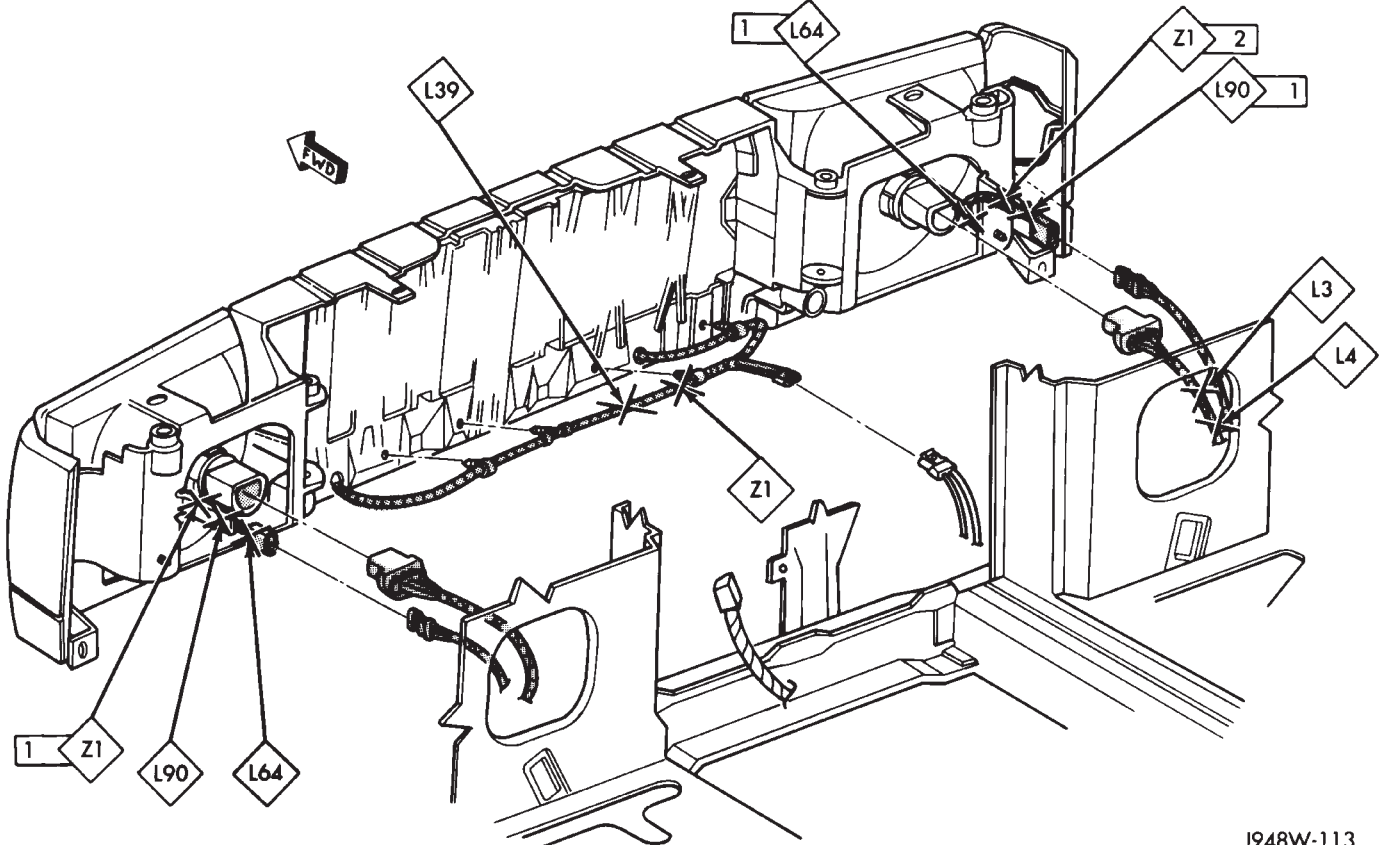


Fig. 4 Roof Splices



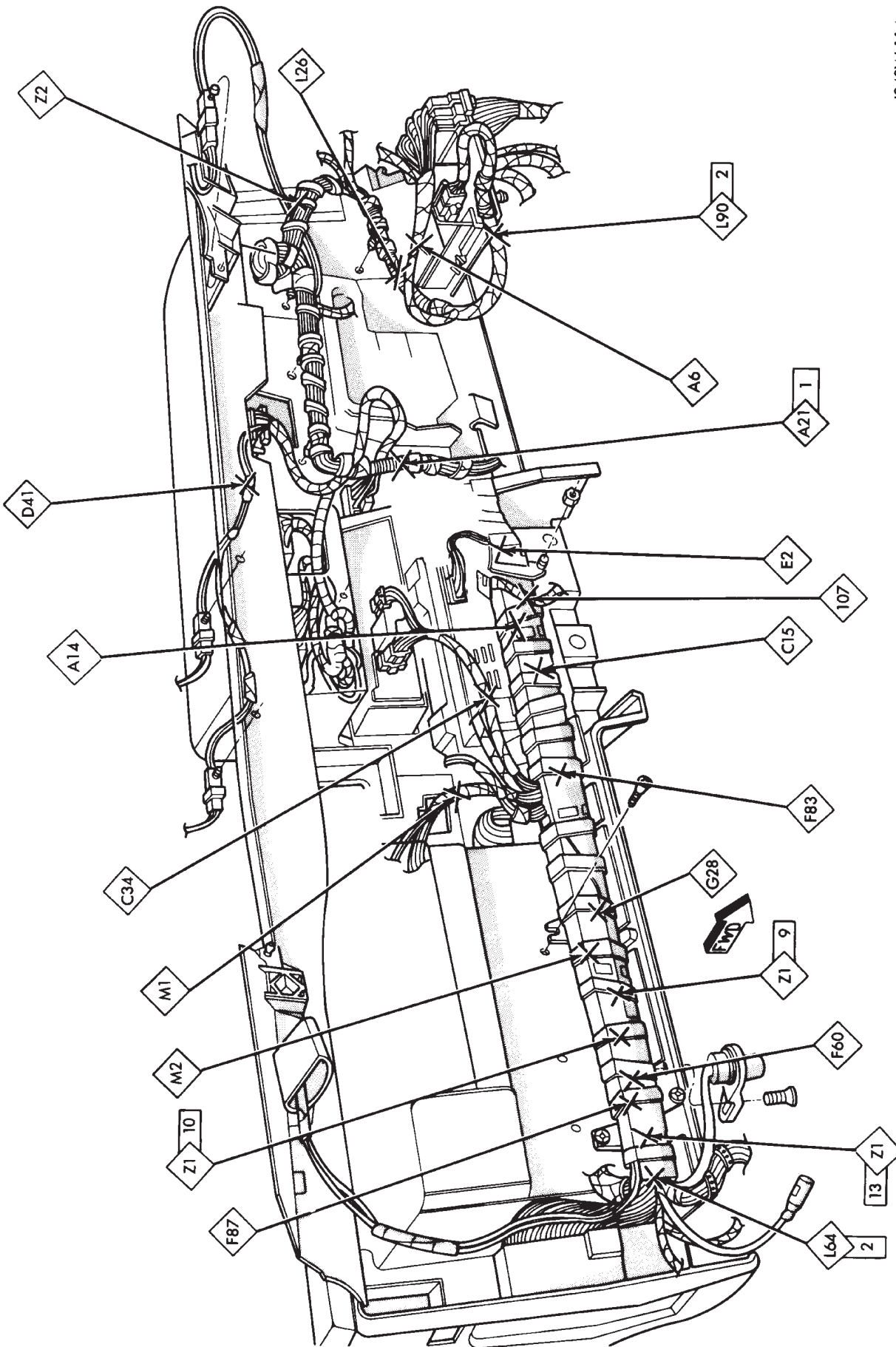
J948W-112

Fig. 5 Door Splices



J948W-113

Fig. 6 HEVAC Splices



J948W-114

Fig. 7 Instrument Panel Splices

J948W-115

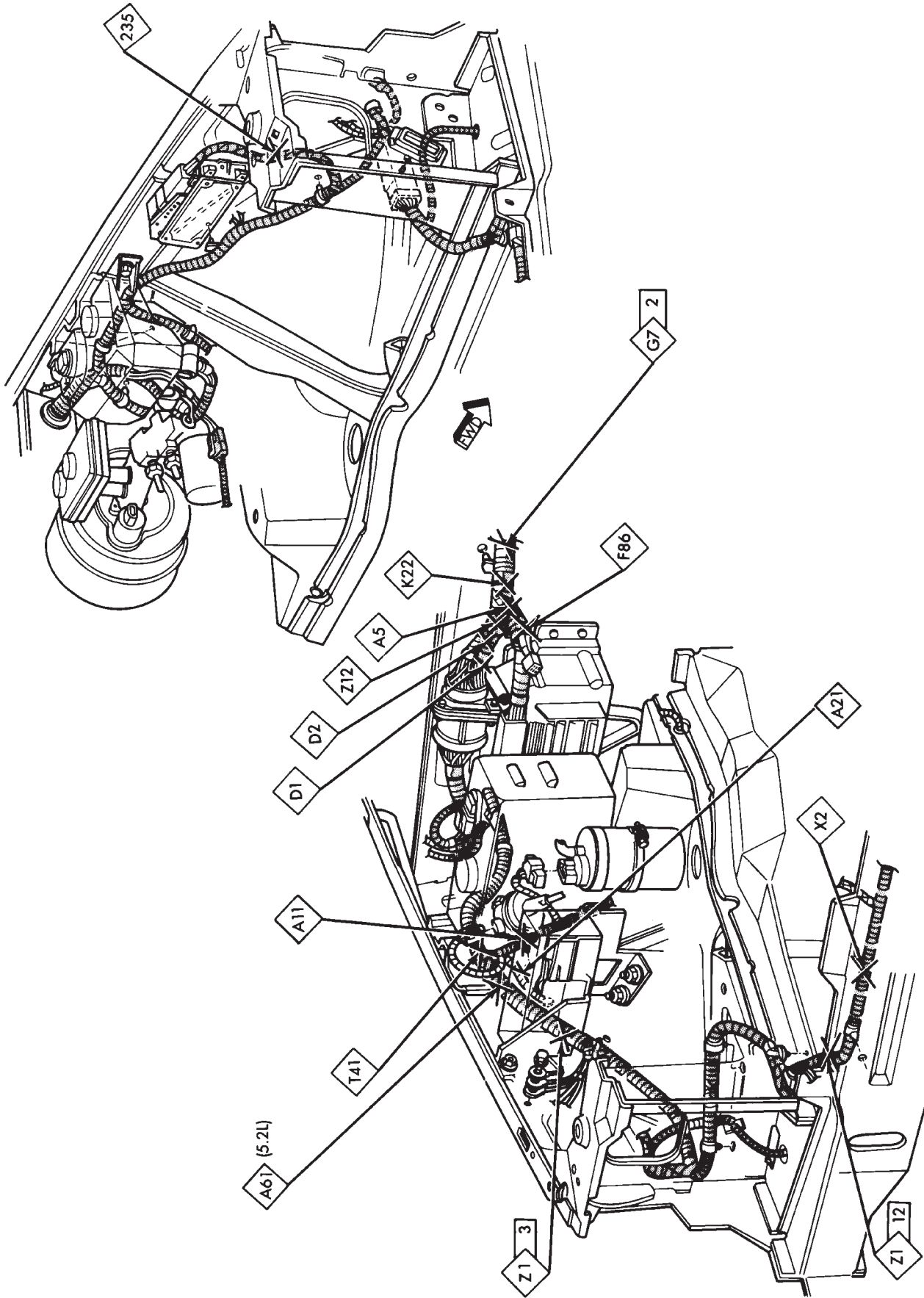
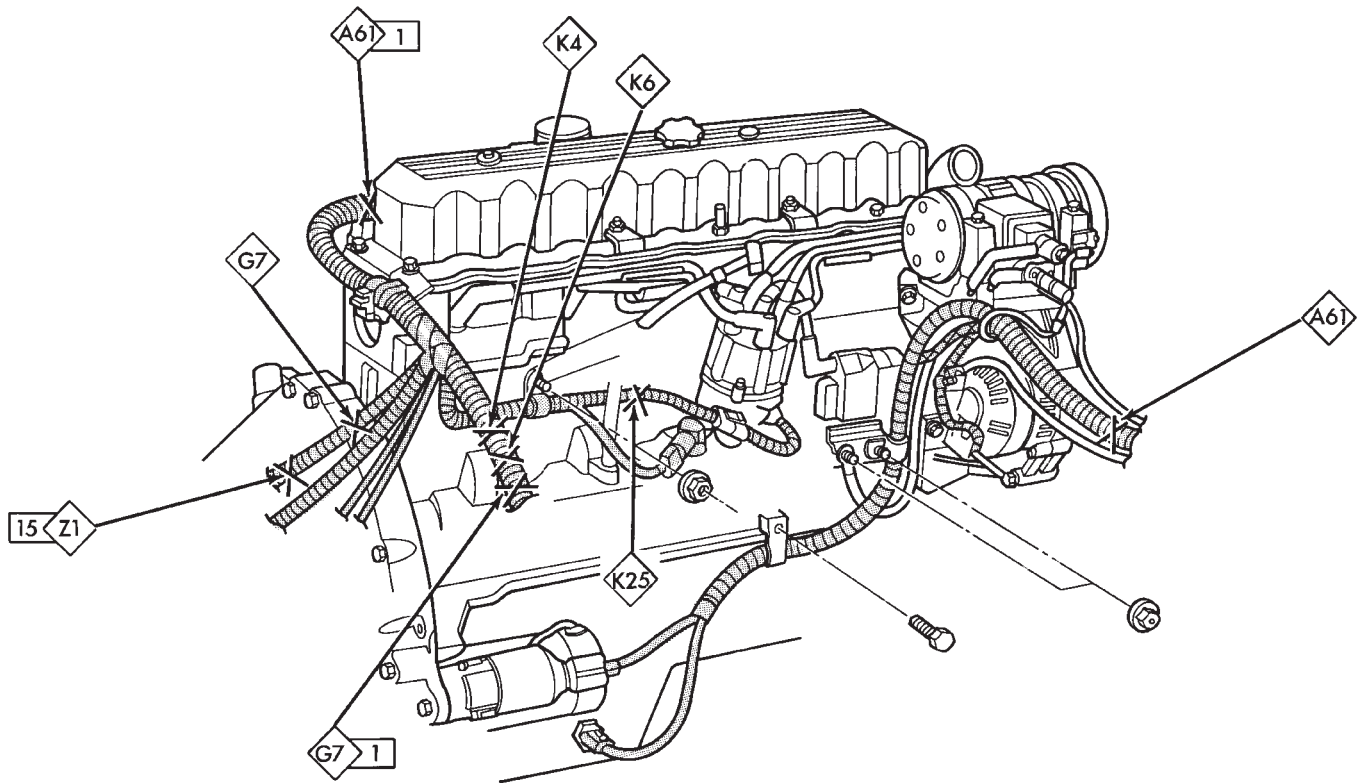
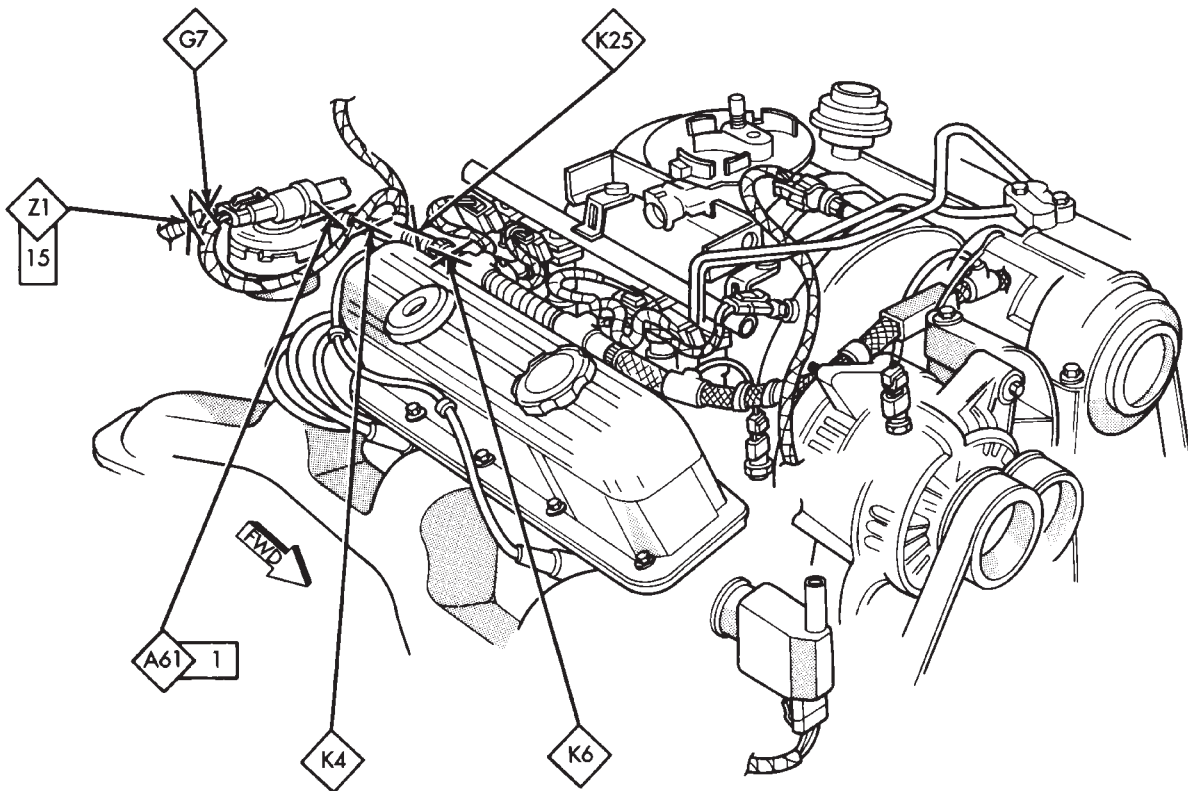


Fig. 8 Engine Compartment Splices



J938W-116

Fig. 9 Engine Splices 4.0L



J948W-117

Fig. 10 Engine Splices 5.2L

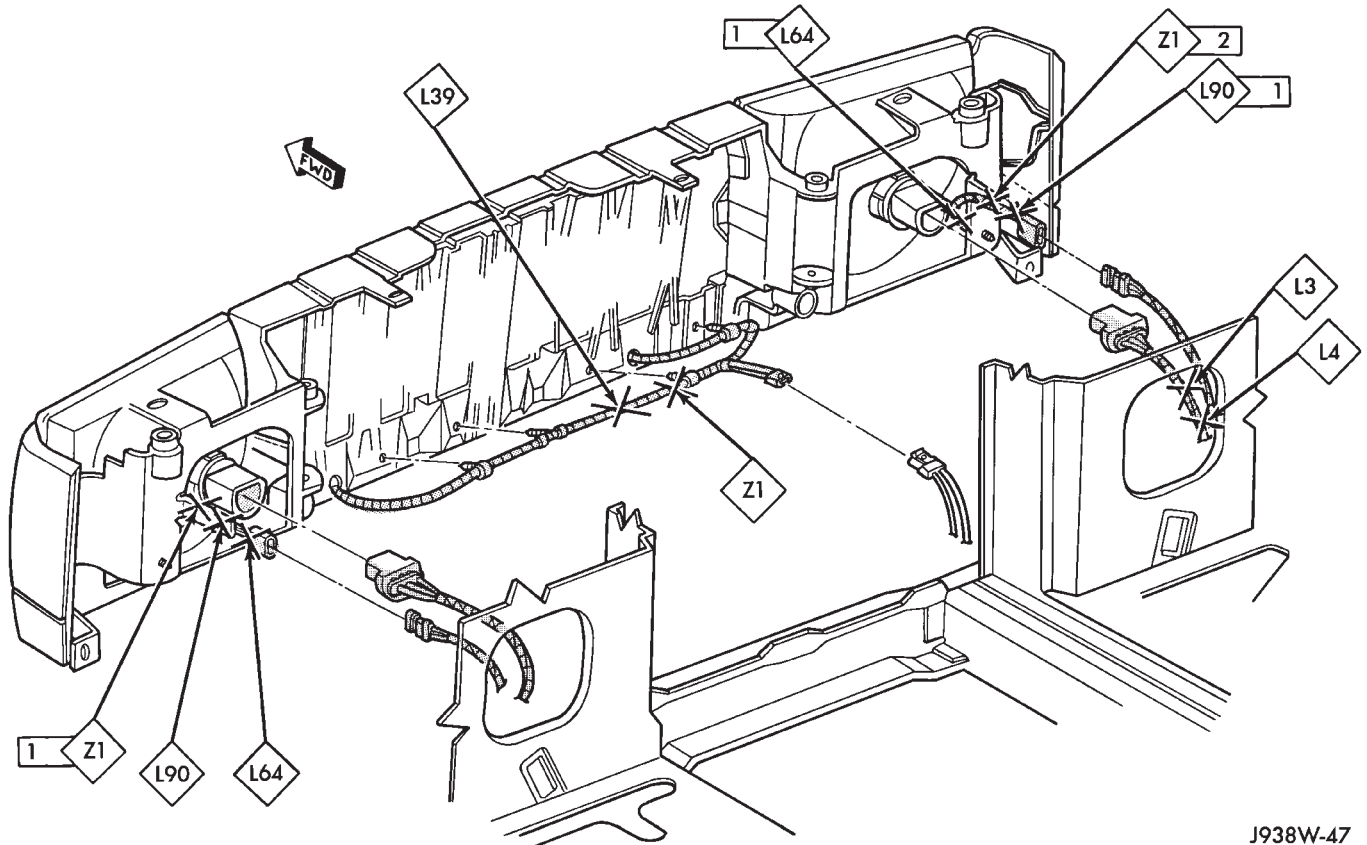


Fig. 11 Front End Splices

J938W-47

WIRING DIAGRAMS

INDEX

Name	Wiring Diagram Sheet Number	Name	Wiring Diagram Sheet Number
ABS Hydraulic Actuation Unit	.62	Cargo Lamp	.46
Airbag System	.67, 68	Dome Lamp	.47
Airbag Diagnostic Module	.67, 68	Dome/Reading Lamp	.47
Airbag Squib	.68	Glove Box Lamp	.45
Clock Spring	.68	Left Hand Courtesy Lamp	.45, 46
Data Link Connector	.68	Left Front Door Jamb Switch	.45
Left Airbag Sensor	.67	Left Lighted Visor	.47
Right Airbag Sensor	.67	Left Rear Door Jamb Switch	.45
A/C System	.6, 75	Liftgate Ajar Switch	.46
A/C Compressor Clutch	.75	Reading Lamps	.42
A/C Low Pressure Switch	.75	Right Hand Courtesy Lamp	.45, 46
A/C Relay	.6, 75	Right Front Door Jamb Switch	.45, 47
High Pressure Cut Out Switch	.75	Right Lighted Visor	.47
Powertrain Control Module	.75	Right Rear Door Jamb Switch	.47
Anti-Lock Brake System	.62, 63, 64, 65, 66	Daytime Running Lamp System	.30
ABS Diode	.62	Daytime Running Lamp Module (DRL)	.30
ABS Hydraulic Actuation Unit	.62	Distribution Ignition Coil	.14, 20
ABS Pump Motor	.64	Engine Oil Pressure and Temperature System	.26
ABS Pump Motor Relay	.6, 65	Engine Coolant Temperature Sensor	.26
ABS System Relay	.6, 65	Engine Oil Pressure Sending Unit	.26
Electronic Control Module (ECM)	.62, 63, 64, 65	Engine Oil Pressure Sending Unit	.26
G-Switch	.64	Engine Starter System	.10
Left Front Wheel Sensor	.63	Battery	.10
Left Rear Wheel Sensor	.63	Engine Starter Motor	.10
PCM	.66	Engine Starter Relay	.6, 10
Pedal Travel Sensor	.64	Engine to 25 Way Interconnect Wiring	.127
Right Front Wheel Sensor	.63	Engine to Injector Wiring	.117
Right Rear Wheel Sensor	.63	Floor Console Illumination	.43
Anti-Lock Brake System Electronic Control Module		Fog Lamp Relay	.6, 34
Connector	.126	Front End Lighting	.31, 32
Auto Headlamp	.35, 36	Left Fog Lamp (w/BAJA Group)	.31
Auto Headlamp Light Sensor	.35	Left Headlamp	.31
Battery	.10	Left Park Lamp	.31
Charging System	.9	Left Side Marker Lamp	.31
Generator	.9	Left Turn Signal Lamp	.31
Cigar Lighter Illumination	.43	Right Fog Lamp (w/BAJA Group)	.32
Circuit Breakers	.56, 80, 82, 87, 94, 100	Right Headlamp	.32
Heated Rear Window C.B. #28	.1, 80	Right Park Lamp	.32
Power Seats C.B. #25	.2, 87	Right Side Marker Lamp	.32
Power Windows C.B. #26	.4, 94	Right Turn Signal Lamp	.32
Security Alarm C.B. #27	.82	Front Wiper/Washer - Intermittent	.56
Trailer Tow C.B.	.100	Front Washer Pump Motor	.56
Windshield Wiper C.B. #27	.56	Front Wiper Motor	.56
Connectors to 100 Way Instrument Panel	.109, 110, 111, 112	Intermittent Wiper Module	.56
Convenience Center	.53, 54	Wiper/Washer Switch	.56
Ignition Switch/Lamp	.53	Fuel Injection System 4.0L	.13, 14, 15, 16, 17, 18
Seat Belt Switch	.53	Automatic Shut Down Relay	.6, 13
Convenience Center Connector	.125	Camshaft Position Sensor	.16
Day/Night Mirror and Cigar Lighter	.40	Crankshaft Position Sensor	.16
Cigar Lighter	.40	Distributor Ignition Coil	.14
Interior Mirror	.40	Engine Coolant Temperature Sensor	.15
Dome and Courtesy Lamps	.45, 46, 47	Fuel Injectors	.18

Name	Wiring Diagram Sheet Number	Name	Wiring Diagram Sheet Number
Fuel Pump Relay	.6, 13	Fuse F13	.6, 8
Heated Oxygen Sensor	.17	Fuse F14	.6, 7
Idle Air Control Motor	.18	Fuse F15	.6, 8
Intake Air Temperature Sensor	.15	Fuse F16	.6, 8
MAP Sensor	.15	Hazard Flasher - Fuse #3	.1, 54, 58
Powertrain Control Module (PCM)	.13, 14, 15, 16, 17, 18	Heated Rear Window - Fuse #23	.4, 80
Throttle Position (Sensor)	.15	Heated Rear Window - Fuse #28	.1, 80
Vehicle Speed Sensor	.16	HEVAC - Fuse #17	.3, 12, 71, 73
Fuel Injection System 5.2L	.19, 20, 21, 22, 23, 24, 25	Horn - Fuse #13	.2, 29
Automatic Shut Down Relay	.6, 19	I/P Dimming - Fuse #24	.4, 34, 36
Automatic Transmission Relay	.22	Park Lamps - Fuse #12	.2, 33
Camshaft Position Sensor	.22	Power Antenna/Trailer Tow - Fuse #1	.1, 61, 96
Distributor Ignition Coil	.20	Power Locks - Fuse #14	.2, 89
Engine Coolant Temperature Sensor	.21	Radio - Fuse #10	.2, 12, 59
EVAP/Purge Solenoid	.25	Rear Wiper - Fuse #9	.2, 12, 56
Exhaust Gas Recirculation	.25	SAM - Fuse #6	.1, 7, 81
Fuel Injectors	.24	SAM/Dimmer Switch - Fuse #7	.1, 33, 83
Fuel Pump Relay	.6, 19	Turn Signal Flasher - Fuse #16	.4, 54, 57
Heated Oxygen Sensor	.23	Vehicle Speed Control - Fuse #20	.3, 27, 79
Idle Air Control Motor	.24	Fuse Block	.103, 104
Intake Air Temperature Sensor	.21	Generator	.9
MAP Sensor	.21	Headlamp Switch	.33, 34
Overdrive and EMCC Solenoid	.25	Cancelling Switch	.33
Powertrain Control Module (PCM)	.19, 20, 21, 22, 23, 24, 25	Fog Lamp Relay	.6, 34
Throttle Position (Sensor)	.21	Headlamp Dimmer Switch	.33
Vehicle Speed Sensor	.22	Headlamp Switch	.33, 34
Fuel Tank System	.52	I/P Dimming Module	.34
Fuel Gauge Sensor	.52	Heated Rear Window	.80
Fuel Pump	.52	Heated Rear Window Relay	.5, 80
Fuel Pump Relay	.6, 13	Heated Rear Window/Transmission Overdrive Switch	.79
Fuel Tank Level Gauge Sending Unit	.52	Heated Rear Window/Transmission Overdrive Switch Assembly	.79
Fuse Application Chart	.1, 2, 3, 4	HEVAC Without ATC	.71, 72
Fuses		HEVAC Switches	.71
ABS - Fuse #15	.4, 65	Fan/Blower Switch	.72
Air Bag - Fuse #18	.3, 12, 67	Power Train Control Module	.71
Air Bag - Fuse #22	.3, 11, 67, 70	HEVAC With ATC	.73, 74
Accessory #1 - Fuse #8	.1, 89	A/C Ambient Temperature Sensor	.74
Accessory #2 - Fuse #19	.3, 12, 42	HEVAC Control	.73, 74
Brake Lamp - Fuse #2	.1, 61, 96	Outside Air Temperature Sensor	.74
Cigar Lighter - Fuse #11	.2, 12, 40	Powertrain Control Module	.73
Cluster #1 - Fuse #4	.1, 70	HEVAC Module Connector	.130
Cluster #2 - Fuse #21	.3, 11	HEVAC Module Wiring without ATC	.76
Courtesy Lamps - Fuse #5	.1, 45	Air Mix Servo Motor	.76
Fuse Block	.103, 104	Blower Motor	.76
Fuse F1	.6, 7	Resistor	.76
Fuse F2	.6, 8	HEVAC Module Wiring with ATC	.77, 78
Fuse F3	.6, 8	Air Mix Servo Motor	.78
Fuse F4	.6, 7	Blower High Relay	.78
Fuse F5	.6, 8	Blower Motor	.78
Fuse F6	.6, 8	Fresh & Recirculation Servo Motor	.77
Fuse F7	.6, 7	Mode Servo Motor	.77
Fuse F8	.6, 8	Power Module	.78
Fuse F9	.6, 7	Horn Relay	.5, 29
Fuse F10	.6, 7	Horn Switch	.29
Fuse F11	.6, 7	Ignition Switch	.11, 12
Fuse F12	.6, 8	Illuminated Entry	.48

Name	Wiring Diagram Sheet Number
Illuminated Entry Relay	.5, 48
Injector (4.0L) to Engine Interconnect Wiring	.115
Injector (5.2L) to Engine Interconnect Wiring	.116
Instrument Cluster	.69, 70
Brake Warning Switch	.69
Park Brake Switch	.69
Powertrain Control Module	.70
Instrument Cluster Connector	.69
Instrument Panel Connector 100 Way	.105, 106, 107, 108
Instrument Panel Dimming Module	.34
Instrument Panel Ground System	.44
Instrument Panel Illumination	.43
Ash Lamp	.43
Cigar Lighter Illumination	.43
Floor Console Illumination	.43
Instrument Panel to 48 Way Left Body Wiring	.114
Interconnect to 25 Way Engine Connector	.128
Intermittent Wiper Module	.56
Interior Mirror	.40
I/P Dimming Module	.34
Keyless Entry Module	.90
Lamp Outage Module	.97
Lamps	
Ash Receiver Lamp	.43
Cargo Lamp	.46
Center High Mount Stop Lamp	.96
Cigar Lighter	.43
Dome Lamp	.42, 47
Dome/Reading Lamp	.47
Floor Console Illumination	.43
Glove Box Lamp	.45
Ignition Switch Lamp	.53
Illumination Lamps	.33
Left Back-up Lamp	.98
Left Fog Lamp (w/BAJA Group)	.31
Left Hand Courtesy Lamp	.45, 46
Left Headlamp	.31
Left Lighted Visor	.47
Left Park Lamp	.31
Left Side Marker Lamp	.31, 98
Left Tail/Stop Lamp	.98
Left Turn Signal Lamp	.31
Left Turn Signal Lamp (Amber)	.98
License Lamp	.98
Reading Lamps	.42, 47
Right Back-up Lamp	.98
Right Fog Lamp (w/BAJA Group)	.32
Right Hand Courtesy Lamp	.45, 46
Right Headlamp	.32
Right Lighted Visor	.47
Right Park Lamp	.32
Right Side Marker Lamp	.98
Right Tail/Stop Lamp	.98
Right Turn Signal Lamp	.32
Right Turn Signal Lamp (Amber)	.98
Underhood Lamp	.29
Left Body to 48 Way Instrument Panel Wiring	.113

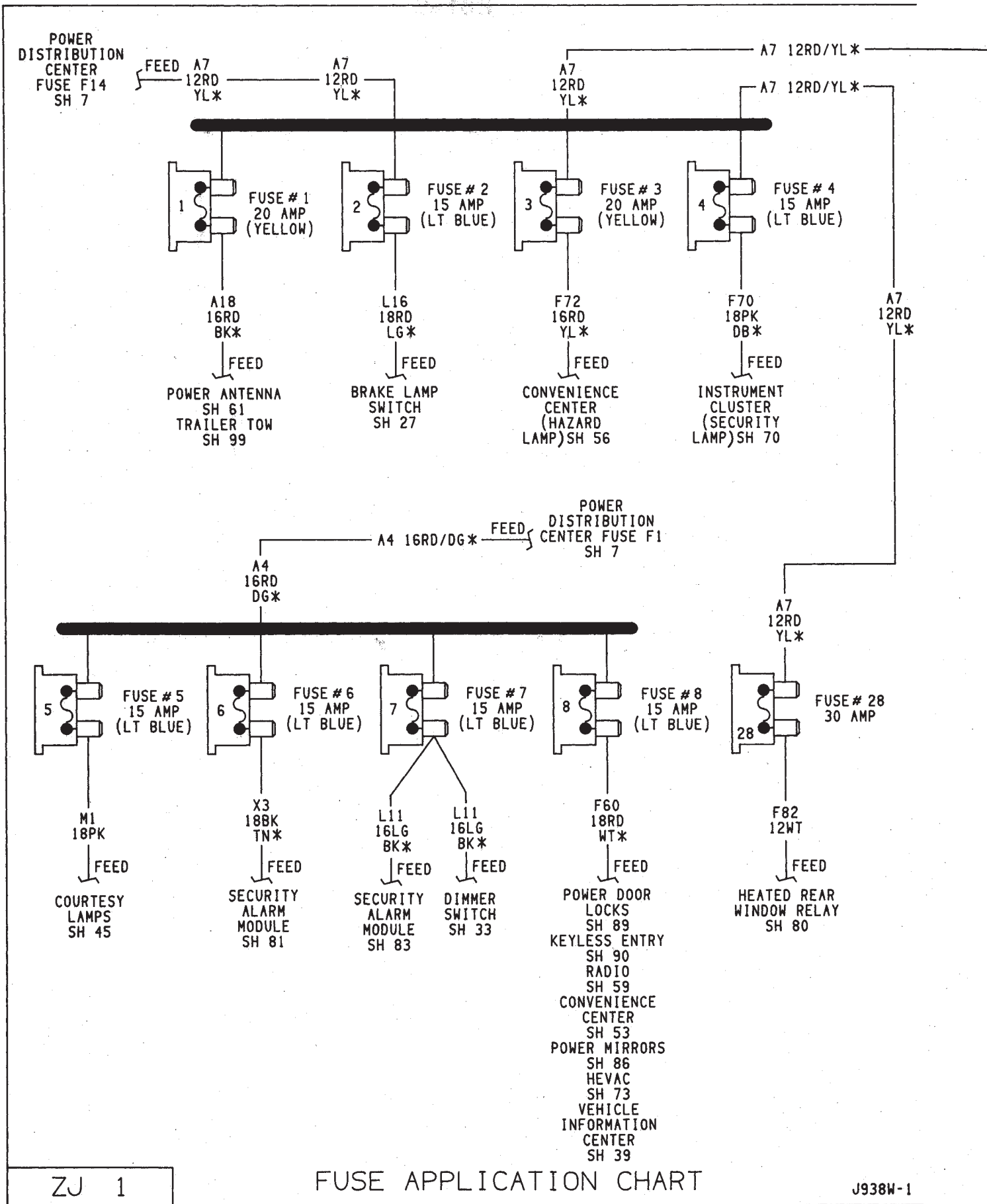
Name	Wiring Diagram Sheet Number
Left Front Door Jumper to Left Front Door Wiring	.121
Left Front Door to Left Front Door Jumper Wiring	.122
Modules	
Anti-Lock Brake System	.62, 63, 64, 65
Airbag Diagnostic Module	.67, 68
Daytime Running Lamp Module	.30
Intermittent Wiper Module	.56
I/P Dimming Module	.34
Keyless Entry Module	.90
Lamp Outage Module	.97
Power Module	.78
Powertrain Control Module (PCM)	.13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 28, 66, 70, 71, 73, 75
Security Alarm Module (SAM)	.81, 82, 83, 84
Sunroof Control Module	.101
Transmission Control Module	.49, 50, 51
Motors	
ABS Pump Motor	.64
Air Mix Servo Motor	.76, 78
Blower Motor	.76, 78
Engine Starter Motor	.10
Fresh & Recirculation Servo Motor	.77
Front Washer Pump Motor	.56
Front Wiper Motor	.56
Idle Air Control Motor	.18, 24
Left Front Door Lock Motor	.92
Left Front Door Window Motor	.95
Left Power Seat Motor Assembly	.87
Left Rear Door Lock Motor	.92
Left Rear Door Window Motor	.95
Liftgate Lock Motor	.92
Mode Servo Motor	.77
Power Antenna Motor	.61
Rear Washer Pump Motor	.55
Rear Wiper Motor	.55
Right Front Door Lock Motor	.92
Right Front Door Window Motor	.95
Right Power Seat Motor Assembly	.88
Right Rear Door Lock Motor	.92
Right Rear Door Window Motor	.95
Sliding Roof Motor	.101
Multi-Function Switch Connector	.118
Overhead Console	.41, 42
Dome Lamp	.42
English/Metric Switch	.41
Reading Lamps	.42
Power Antenna	.61
Antenna Mast	.61
Power Antenna Motor	.61
Power Antenna Relay	.61
Power Distribution Center Identification	.6
Power Distribution Center and Application Chart	.7, 8
Power Door Locks	.89, 90, 91, 92
Body to Liftgate Connector	.91, 92
Keyless Entry Module	.89, 90, 91, 92
Left Door Lock Switch	.91

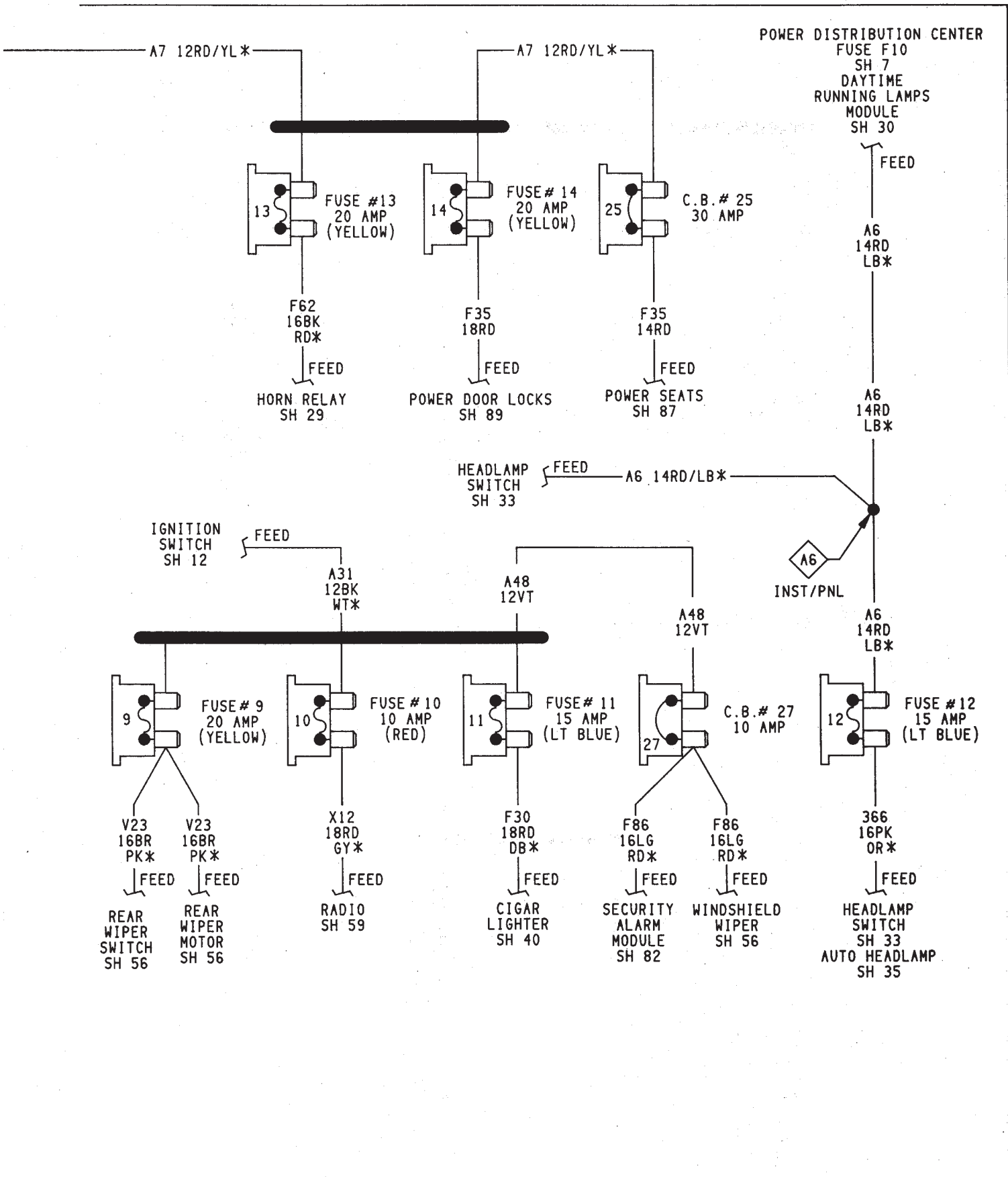
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Left Front Door Lock Motor	.92	Rear Washer Pump Motor	.55
Left Rear Door Lock Motor	.92	Rear Wiper Motor	.55
Liftgate Lock Motor	.92	Rear Wiper/Washer Switch	.55
Power Door Lock Relay	.5, 90	Washer Level Sensor	.55
Power Door Unlock Relay	.5, 90	Relay Center Identification	.5
Right Door Lock Switch	.91	Relays	
Right Front Door Lock Motor	.92	ABS Pump Motor Relay	.6, 65
Right Rear Door Lock Motor	.92	ABS System Relay	.6, 65
Power Mirrors	.85, 86	A/C Relay	.6, 75
Left Power Mirror	.85	Automatic Shut Down Relay	.6, 13, 19
Power Mirror Switch	.86	Automatic Transmission Relay	.22
Right Power Mirror	.85	Blower High Relay	.78
Power Seats	.81, 82, 87, 88	Engine Starter Relay	.6, 10
Left Power Seat Motor Assembly	.87	Fog Lamp Relay	.6, 34
Left Power Seat Switch	.87	Fuel Pump Relay	.6, 13, 19
Right Power Seat Motor Assembly	.88	Heated Rear Window Relay	.5, 80
Right Power Seat Switch	.88	Horn Relay	.5, 29
Powertrain Control Module (PCM)	.19, 20, 21, 22, 23, 24, 25, 28, 66, 70, 71, 73, 75	Illuminated Entry Relay	.5, 48
Powertrain Control Module (PCM) Connector (4.0L)	.123	Left Turn Relay	.99
Powertrain Control Module (PCM) Connector (5.2L)	.124	Power Antenna Relay	.5, 61
Power Sunroof System	.101	Power Door Lock Relay	.5, 90
Sliding Roof Motor	.101	Power Door Unlock Relay	.5, 90
Sliding Roof Position Switch	.101	Right Turn Relay	.99
Sunroof Control Module	.101	Security Alarm Module Relay	.5
Sunroof Switch	.101	Security Alarm Relay	.83
Power Windows	.93, 94, 95	Stop/Turn Relay	.100
Circuit Breaker #26	.94	Right Door Jumper to Right Front Door Wiring	.119
Left Front Door Window Motor	.95	Right Front Door to Right Front Door Jumper Wiring	.120
Left Rear Door Window Motor	.95	Security Alarm System	.81, 82, 83, 84
Left Rear Door Window Switch	.95	Body to Liftgate Connector	.84
Master Window Switch	.93	Circuit Breaker #27	.82
Right Front Door Window Motor	.95	Hood Jamb Switch	.81
Right Front Door Window Switch	.95	Left Front Key Switch	.84
Right Rear Door Window Motor	.95	Liftgate Key Cylinder Switch	.84
Right Rear Door Window Switch	.95	Security Alarm Module (SAM)	.81, 82, 83, 84
Radio	.59, 60	Security Alarm Relay	.5, 83
Left Front Door Speaker	.59	Security Alarm Module Connector	.131
Left Instrument Panel Tweeter	.59	Sensors	
Left Rear Door Speaker	.60	A/C Ambient Temperature Sensor	.74
Right Front Door Speaker	.60	Auto Headlamp Light Sensor	.35
Right Instrument Panel Tweeter	.60	Camshaft Position Sensor	.16, 22
Right Rear Door Speaker	.60	Crankshaft Position Sensor	.16, 22
Rear Lighting	.96, 97, 98	Engine Coolant Level Sensor	.37
Center High Mounted Stop Lamp	.96	Engine Coolant Temperature Sensor	.15, 21, 26
Lamp Outage Module	.97	Engine Oil Level Sensor	.37
Left Back-Up Lamp	.98	Fuel Gauge Sensor	.52
Left Side Marker Lamp	.98	Heated Oxygen Sensor	.17, 23
Left Tail/Stop Lamp	.98	Intake Air Temperature Sensor	.15, 21
Left Turn Signal Lamp (Amber)	.98	Left Airbag Sensor	.67
License Lamp	.98	Left Front Wheel Sensor	.63
Liftgate to Body Connector	.96, 98	Left Rear Wheel Sensor	.63
Right Back-Up Lamp	.98	MAP Sensor	.15, 21
Right Side Marker Lamp	.98	Outside Air Temperature Sensor	.74
Right Tail/Stop Lamp	.98	Pedal Travel Sensor	.64
Right Turn Signal Lamp (Amber)	.98	Right Airbag Sensor	.67
Rear Wiper/Washer	.55	Right Front Wheel Sensor	.63
		Right Rear Wheel Sensor	.63

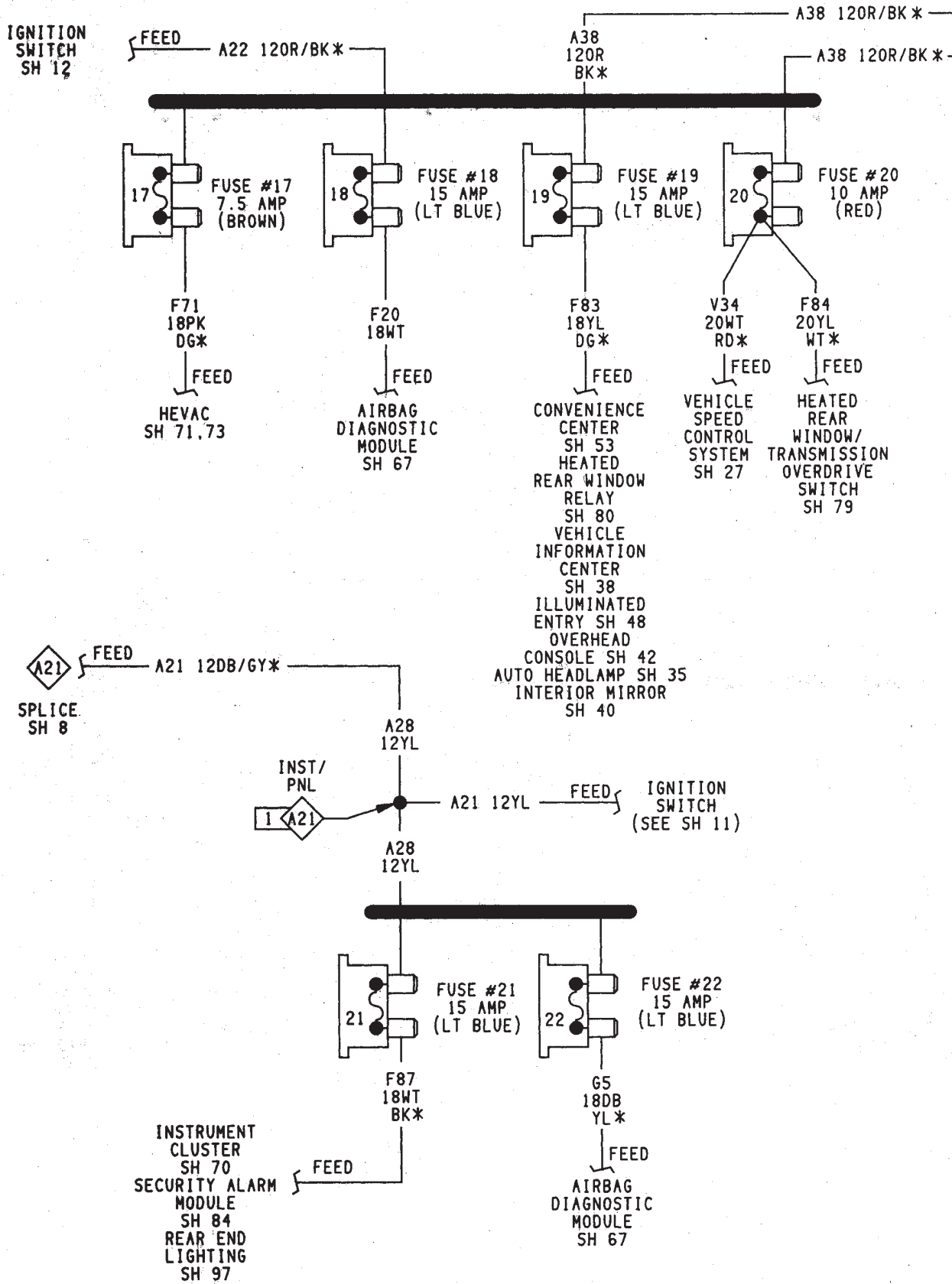
Name	Wiring Diagram Sheet Number	Name	Wiring Diagram Sheet Number
Shaft Speed Sensor . . . . .	.50	Splice M2 . . . . .	.45
Solar Sensor . . . . .	.74	Splice M2-1 . . . . .	.47
Throttle Position (Sensor) . . . . .	.15, 21	Splice M2-2 . . . . .	.45
Vehicle Speed Sensor . . . . .	.16, 22	Splice Q1 . . . . .	.94
Washer Fluid Level Sensor . . . . .	.55	Splice Q1-1 . . . . .	.94
Solenoids		Splice T41 . . . . .	.10
EVAP/Purge Solenoid . . . . .	.25	Splice X2 . . . . .	.29
Exhaust Gas Recirculation Solenoid . . . . .	.25	Splice X53 . . . . .	.59
Overdrive and EMCC Solenoid . . . . .	.25	Splice X55 . . . . .	.59
Splices		Splice Z0 . . . . .	.9
Splice A5 . . . . .	.19	Splice Z1 . . . . .	.32
Splice A6 . . . . .	.2, 33	Splice Z1-1 . . . . .	.31
Splice A6-1 . . . . .	.30	Splice Z1-2 . . . . .	.32
Splice A11 . . . . .	.9	Splice Z1-3 . . . . .	.28, 29, 32
Splice A14 . . . . .	.13	Splice Z1-4 . . . . .	.56
Splice A18 . . . . .	.100	Splice Z1-6 . . . . .	.98
Splice A21 . . . . .	.8	Splice Z1-7 . . . . .	.88, 97
Splice A21-1 . . . . .	.3, 11, 70	Splice Z1-8 . . . . .	.55
Splice A61 . . . . .	.13, 19	Splice Z1-9 . . . . .	.44
Splice A61-1 . . . . .	.18, 24	Splice Z1-10 . . . . .	.44
Splice C7 . . . . .	.76	Splice Z1-11 . . . . .	.85
Splice C15 . . . . .	.80	Splice Z1-12 . . . . .	.28, 29
Splice C40 . . . . .	.77	Splice Z1-13 . . . . .	.44
Splice C42 . . . . .	.78	Splice Z1-14 . . . . .	.52
Splice D1 . . . . .	.66	Splice Z1-15 . . . . .	.50
Splice D2 . . . . .	.66	Splice Z1-17 . . . . .	.47
Splice D41 . . . . .	.74, 77	Splice Z1-18 . . . . .	.100
Splice E2 . . . . .	.43	Splice Z1-19 . . . . .	.98
Splice F60 . . . . .	.89	Splice Z1-20 . . . . .	.78
Splice F60-1 . . . . .	.42, 89	Splice Z2 . . . . .	.70
Splice F81 . . . . .	.101	Splice Z4 . . . . .	.78
Splice F83 . . . . .	.42	Splice Z12 . . . . .	.14, 20
Splice F83-1 . . . . .	.42	Splice 107 . . . . .	.38
Splice F86 . . . . .	.14, 20, 25	Splice 235 . . . . .	.62
Splice F87 . . . . .	.70	Switches	
Splice G7 . . . . .	.16, 22	A/C Low Pressure Switch . . . . .	.75
Splice G7-1 . . . . .	.16, 22	Automatic Transmission Switch . . . . .	.49
Splice G7-2 . . . . .	.16, 22	Back Up Lamp Switch . . . . .	.49
Splice G28 . . . . .	.38	Brake Switch . . . . .	.27
Splice K4 . . . . .	.15, 21	Brake Warning Switch . . . . .	.69
Splice K6 . . . . .	.15, 21	Cancelling Switch . . . . .	.33
Splice K22 . . . . .	.15	Courtesy Lamp Switch . . . . .	.33
Splice K25 . . . . .	.16, 22	English/Metric Switch . . . . .	.41
Splice L3 . . . . .	.32	Fan/Blower Switch . . . . .	.72
Splice L4 . . . . .	.32	Gear Selector Switch . . . . .	.47
Splice L10 . . . . .	.98	G-Switch . . . . .	.64
Splice L22-1 . . . . .	.98	Hazard Flasher Switch . . . . .	.58
Splice L22-2 . . . . .	.98	Headlamp Dimmer Switch . . . . .	.33
Splice L39 . . . . .	.32	Headlamp Switch . . . . .	.33
Splice L64 . . . . .	.31	Heated Rear Window/Transmission Overdrive Switch Assembly . . . . .	.79
Splice L64-1 . . . . .	.32	HEVAC Switches . . . . .	.71
Splice L64-2 . . . . .	.32	High Pressure Cut Out Switch . . . . .	.75
Splice L90 . . . . .	.31	Hood Jamb Switch . . . . .	.81
Splice L90-1 . . . . .	.32	Horn Switch . . . . .	.29
Splice L90-2 . . . . .	.36	Ignition Switch . . . . .	.11, 12, 53
Splice M1 . . . . .	.45	Key-In Switch . . . . .	.53
Splice M1-1 . . . . .	.47		

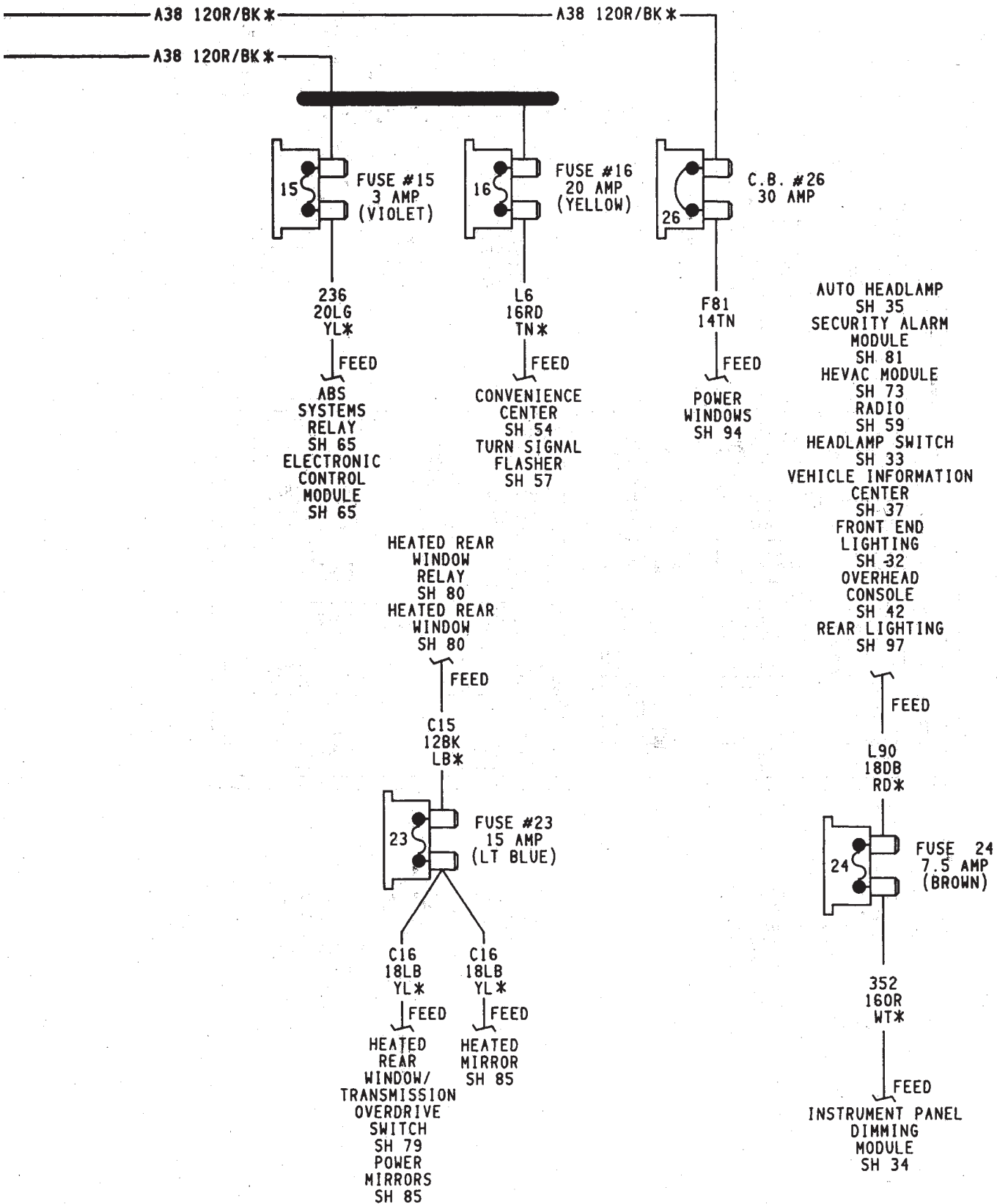
Name	Wiring Diagram Sheet Number	Name	Wiring Diagram Sheet Number
Left Door Lock Switch . . . . .	.91	Transmission Control System . . . . .	.49, 50, 51
Left Front Door Ajar Switch . . . . .	.39	Automatic Transmission Switch . . . . .	.49
Left Front Door Jamb Switch . . . . .	.45	Data Link Connector . . . . .	.49
Left Front Key Switch . . . . .	.84	Shaft Speed Sensor . . . . .	.50
Left Power Seat Switch . . . . .	.87	Transfer-Case Switch . . . . .	.50
Left Rear Door Ajar Switch . . . . .	.37	Transmission Solenoid Pack . . . . .	.51
Left Rear Door Jamb Switch . . . . .	.45	Turn and Hazard System . . . . .	.57, 58
Left Rear Door Window Switch . . . . .	.95	Hazard Flasher . . . . .	.58
Liftgate Ajar Switch . . . . .	.46	Hazard Flasher Switch . . . . .	.58
Liftgate Key Cylinder Switch . . . . .	.84	Turn Signal Flasher . . . . .	.57
Master Window Switch . . . . .	.93	Turn Signal Switch . . . . .	.58
Park Brake Switch . . . . .	.69	Underhood Lamp/Horn System . . . . .	.29
Power Mirror Switch . . . . .	.86	Horn Relay . . . . .	.29
Rear Wiper/Washer Switch . . . . .	.55	Horn Switch . . . . .	.29
Right Door Lock Switch . . . . .	.91	Left Horn . . . . .	.29
Right Front Door Ajar Switch . . . . .	.39	Right Horn . . . . .	.29
Right Front Door Jamb Switch . . . . .	.47	Underhood Lamp . . . . .	.29
Right Front Door Window Switch . . . . .	.95	Vehicle Information Center (VIC) . . . . .	.37, 38, 39
Right Power Seat Switch . . . . .	.88	Engine Coolant Level Sensor . . . . .	.37
Right Rear Door Ajar Switch . . . . .	.39	Engine Oil Level Sensor . . . . .	.37
Right Rear Door Jamb Switch . . . . .	.46	Left Front Door Ajar Switch . . . . .	.39
Right Rear Door Window Switch . . . . .	.95	Left Rear Door Ajar Switch . . . . .	.37
Seat Belt Switch . . . . .	.53	Right Front Door Ajar Switch . . . . .	.39
Sliding Roof Position Switch . . . . .	.101	Right Rear Door Ajar Switch . . . . .	.39
Sunroof Switch . . . . .	.101	Vehicle Information Center Connector . . . . .	.102
T-Case Switch . . . . .	.50	Vehicle Speed Control System and Brake System . . . . .	.27, 28
Turn Signal Switch . . . . .	.58	Brake Switch . . . . .	.27
Wiper/Washer Switch . . . . .	.56	Fuse #2 . . . . .	.1, 2, 27
Vehicle Speed Control Switch . . . . .	.27, 28	Fuse #20 . . . . .	.2, 27
Trailer Tow . . . . .	.99, 100	Powertrain Control Module (PCM) . . . . .	.28
Left Turn Relay . . . . .	.99	Vehicle Speed Control Servo . . . . .	.28
Right Turn Relay . . . . .	.99	Vehicle Speed Control Switch . . . . .	.27
Stop/Turn Relay . . . . .	.100	Windshield Wipers . . . . .	.55, 56
Trailer Tow Connector . . . . .	.100	Front Wiper/Washer . . . . .	.56
Transmission Control Module (TCM) Connector . . . . .	.129	Rear Wiper/Washer . . . . .	.55

NOTES

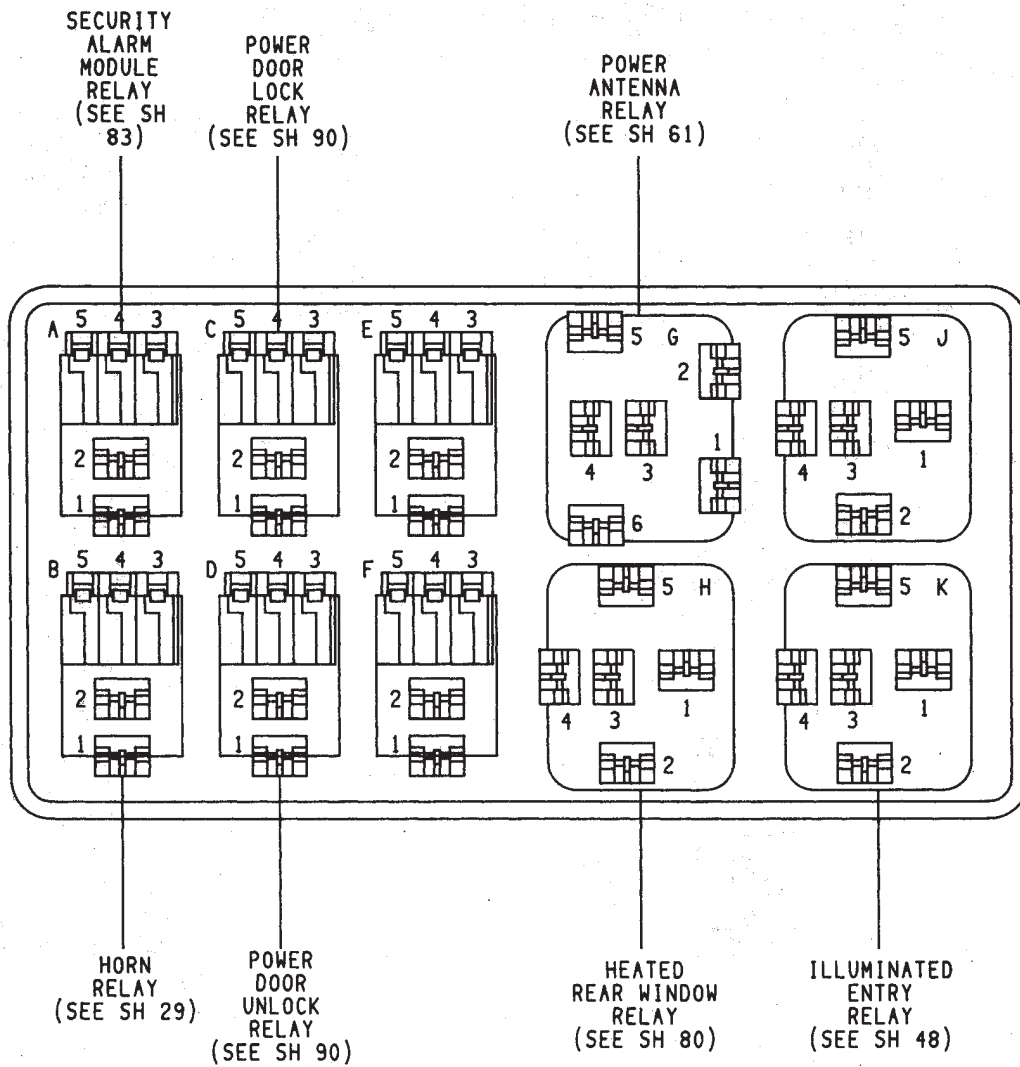


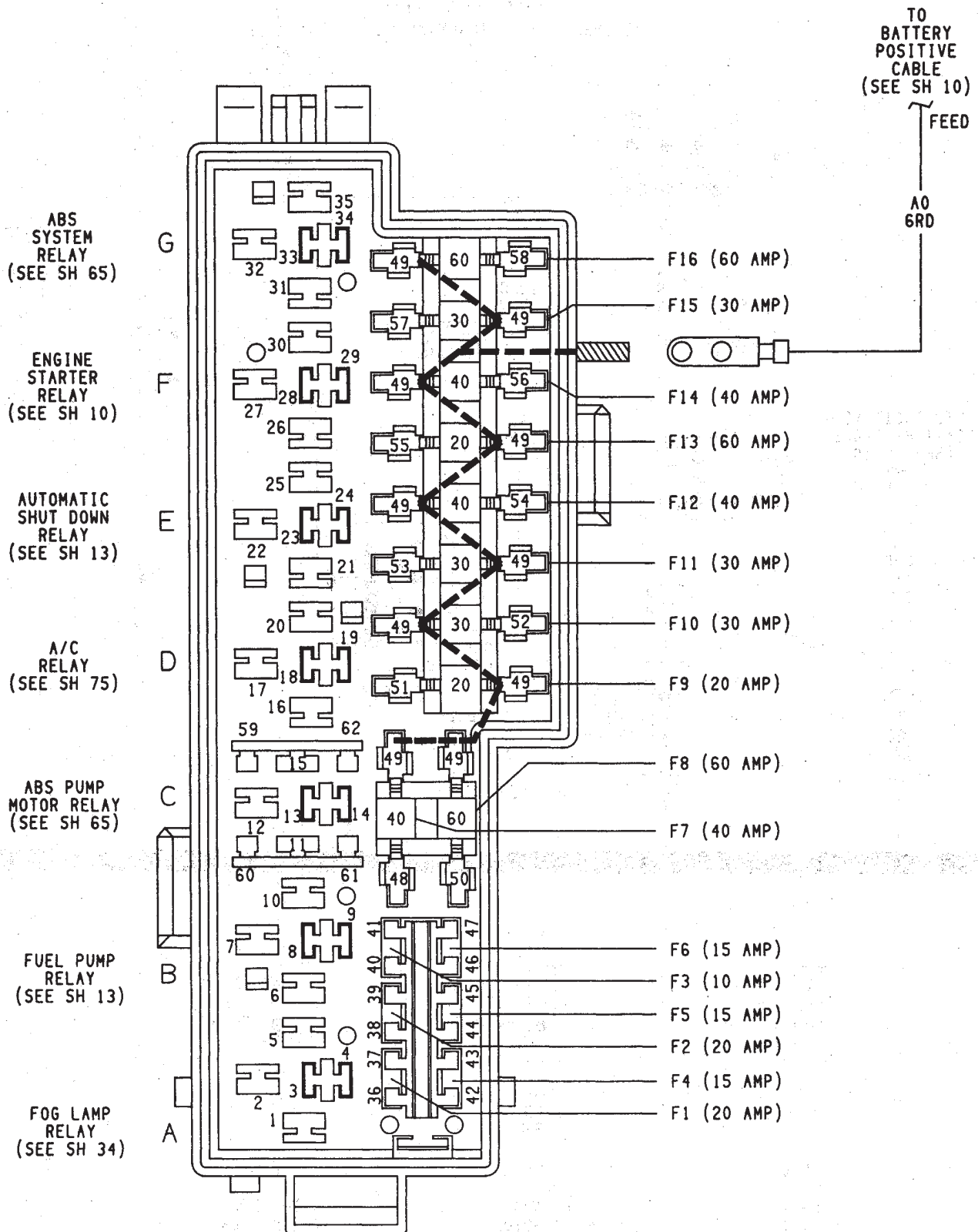




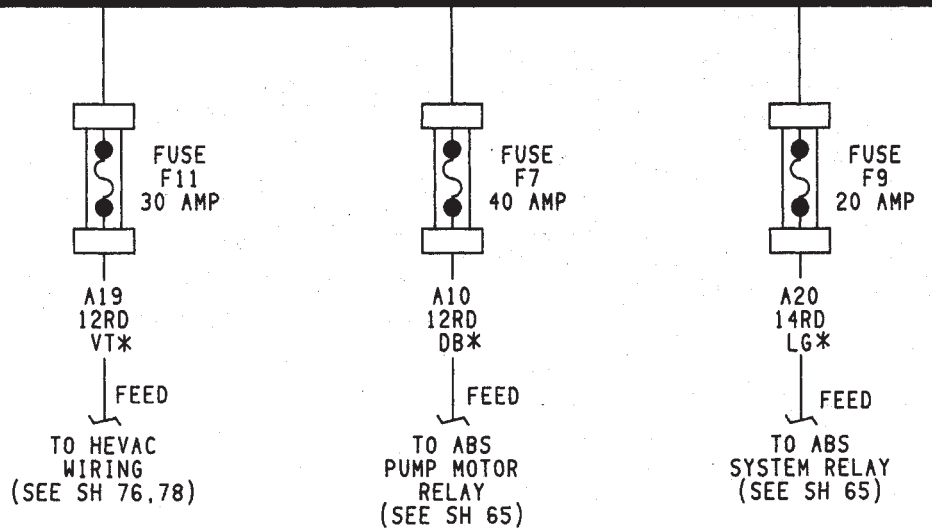
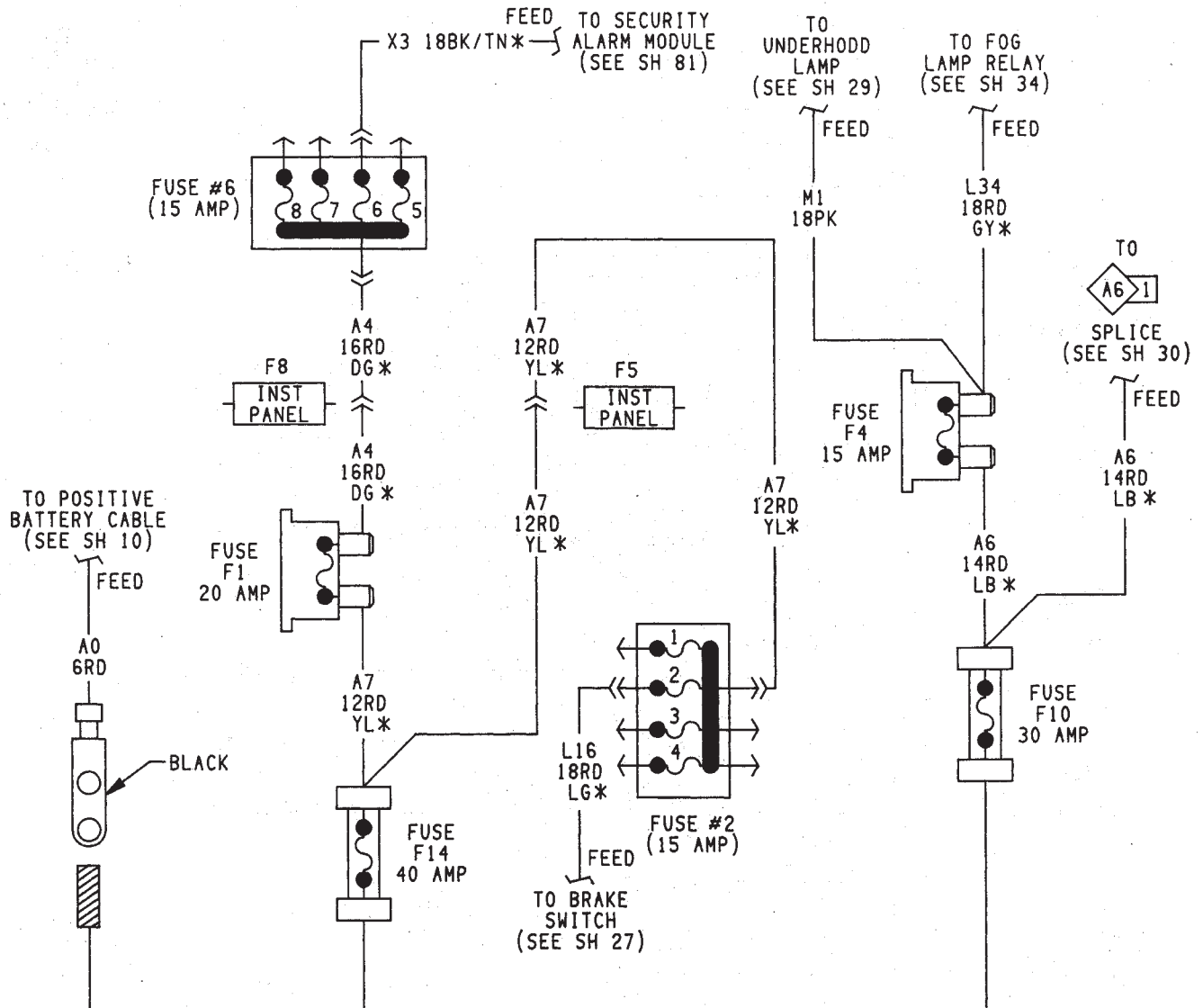


- AUTO HEADLAMP SH 35
- SECURITY ALARM MODULE SH 81
- HEVAC MODULE SH 73
- RADIO SH 59
- HEADLAMP SWITCH SH 33
- VEHICLE INFORMATION CENTER SH 37
- FRONT END LIGHTING SH 32
- OVERHEAD CONSOLE SH 42
- REAR LIGHTING SH 97

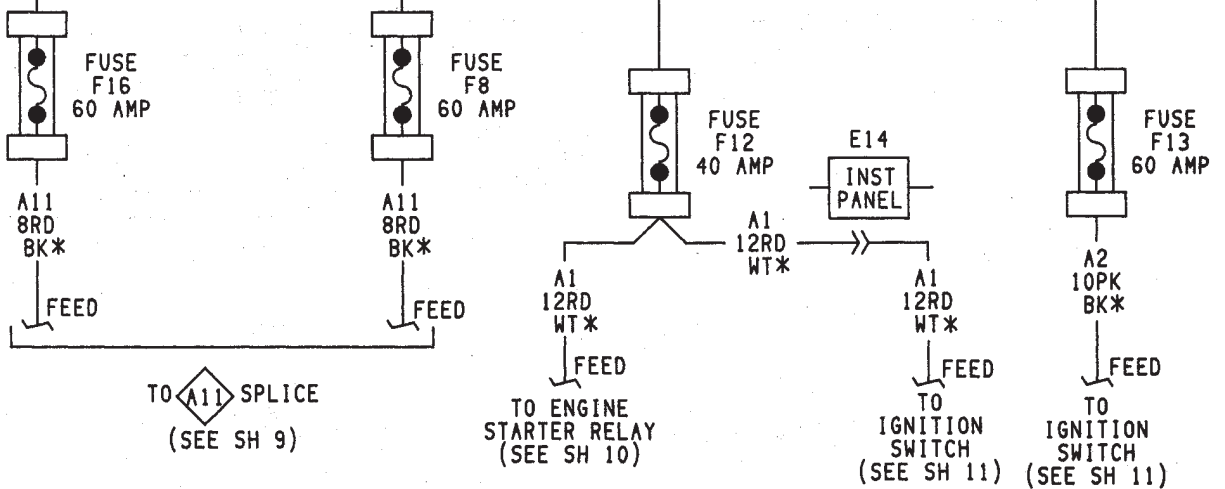
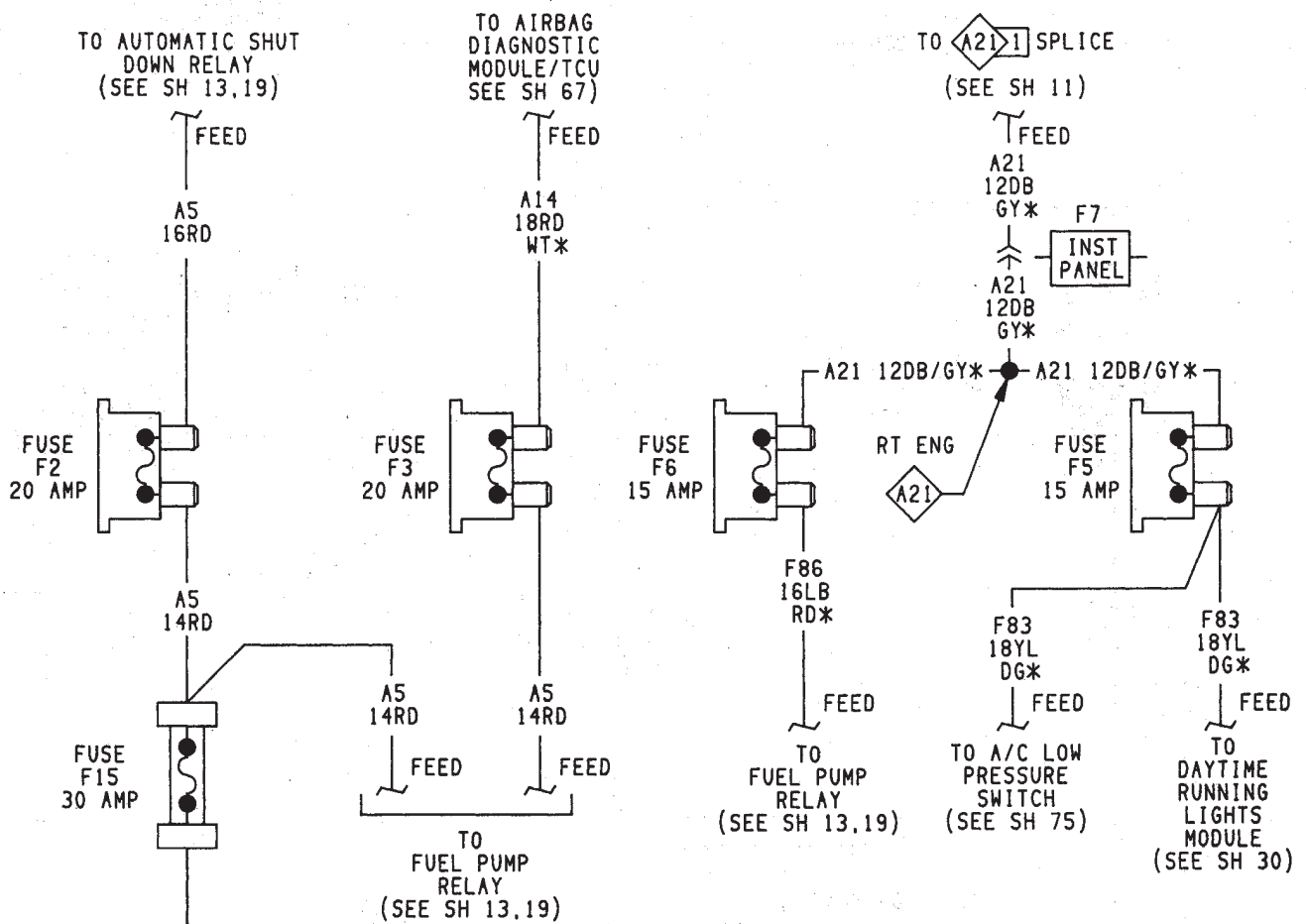




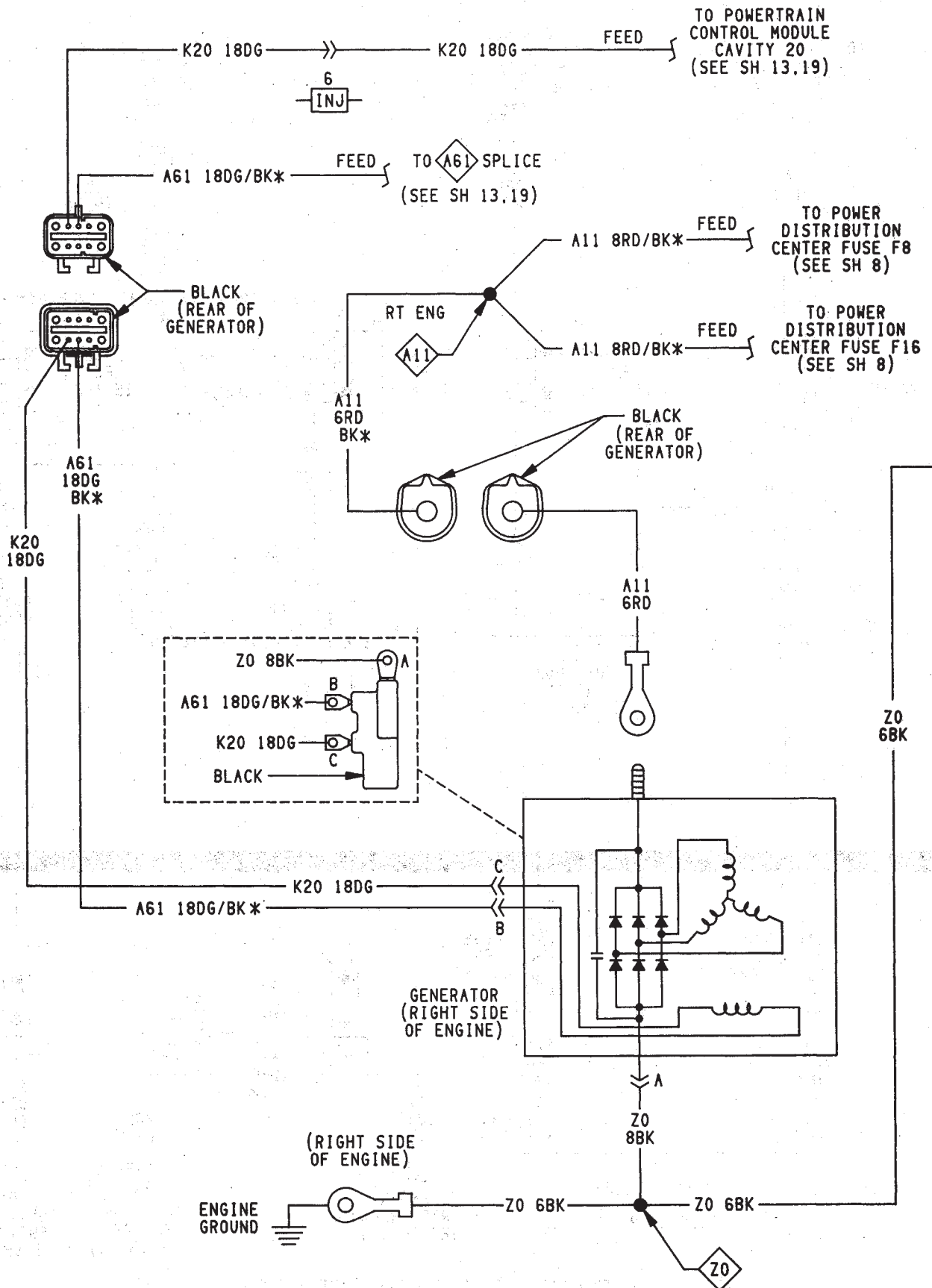
POWER DISTRIBUTION CENTER IDENTIFICATION



POWER DISTRIBUTION CENTER APPLICATION CHART



POWER DISTRIBUTION CENTER APPLICATION CHART

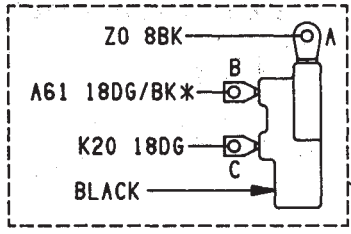


TO POWERTRAIN CONTROL MODULE CAVITY 20 (SEE SH 13.19)

TO A61 SPLICE (SEE SH 13.19)

TO POWER DISTRIBUTION CENTER FUSE F8 (SEE SH 8)

TO POWER DISTRIBUTION CENTER FUSE F16 (SEE SH 8)



GENERATOR (RIGHT SIDE OF ENGINE)

(RIGHT SIDE OF ENGINE)

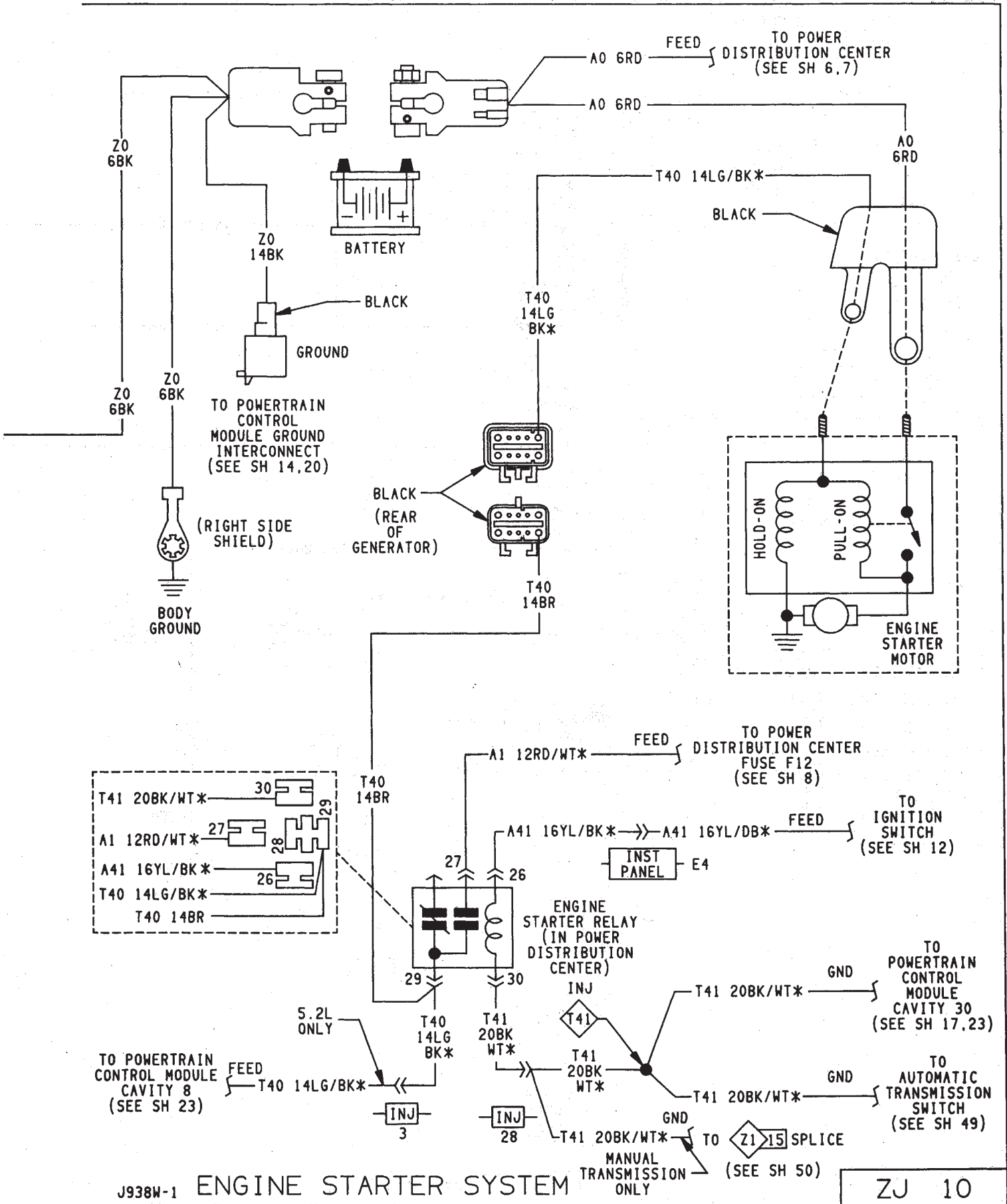
ENGINE GROUND

BATTERY

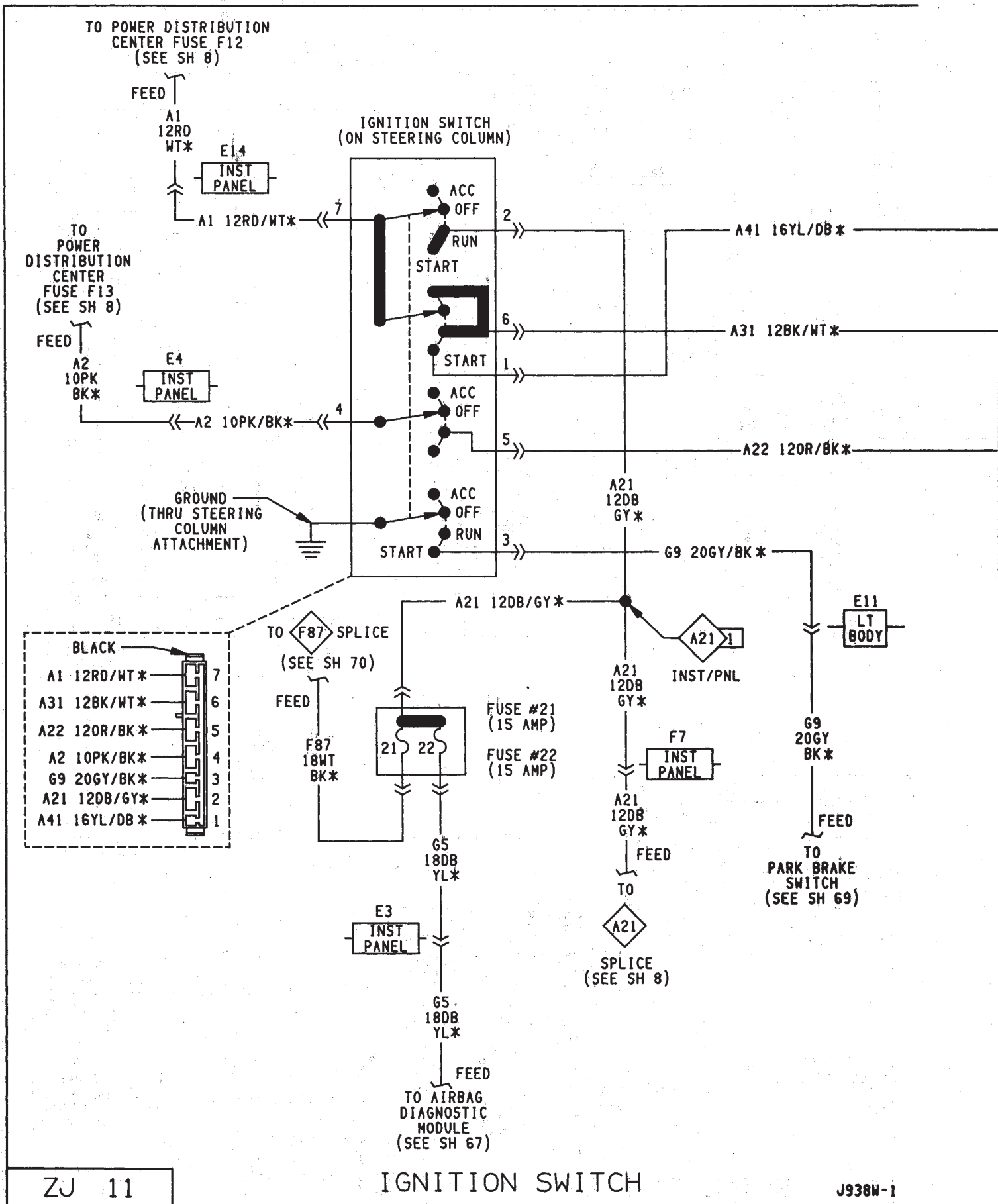
CHARGING SYSTEM

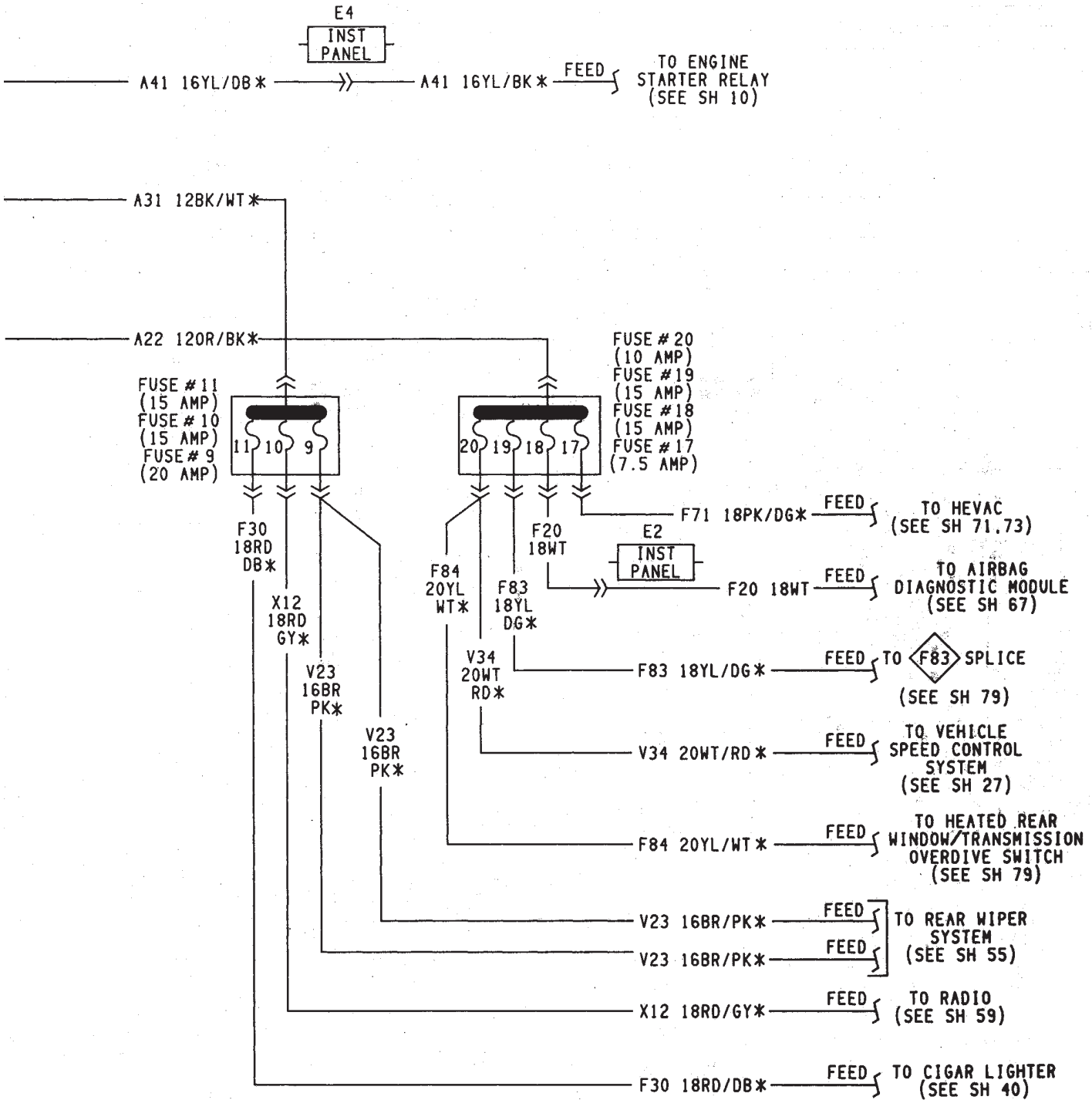
ZJ 9

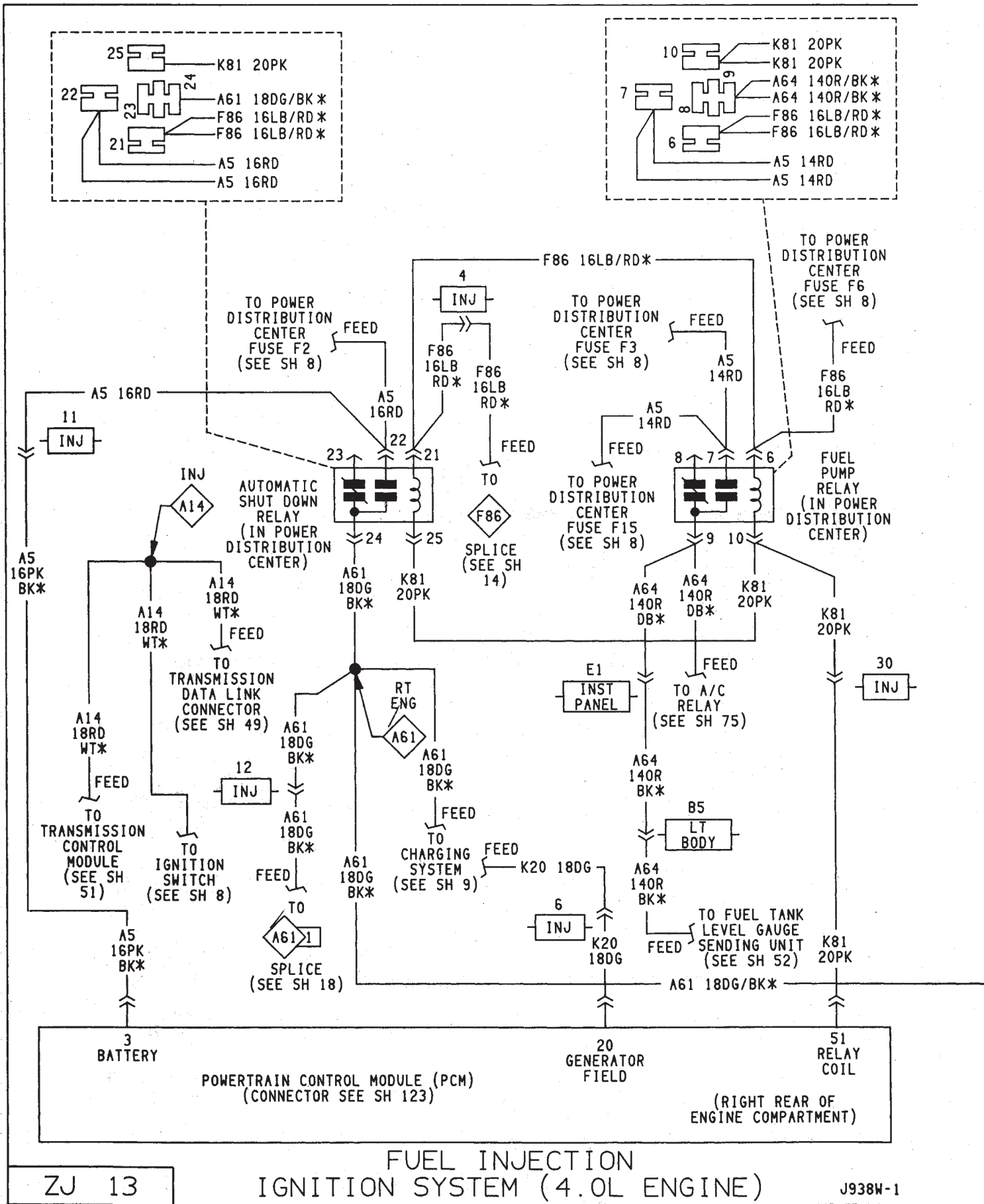
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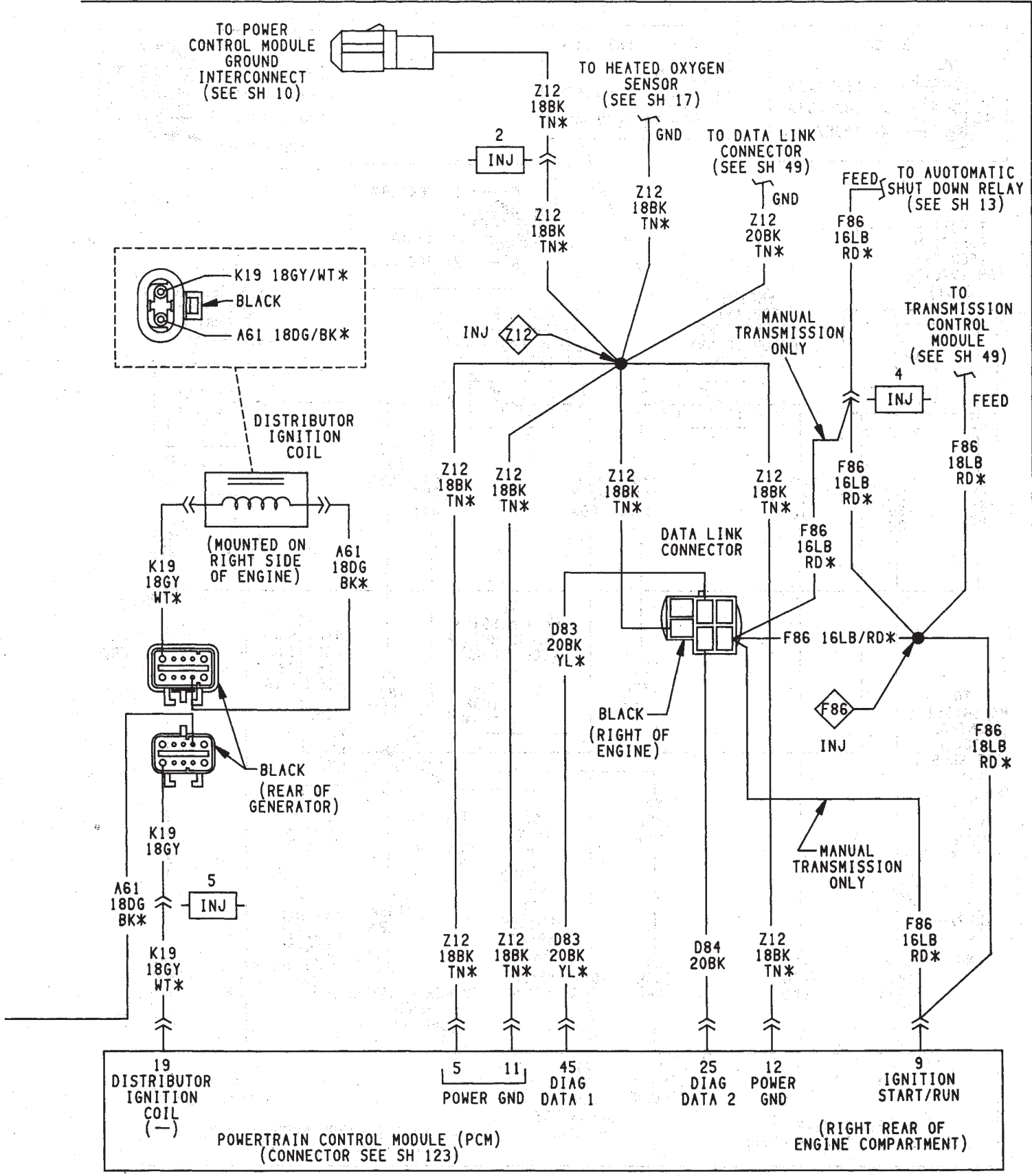


J938W-1 ENGINE STARTER SYSTEM

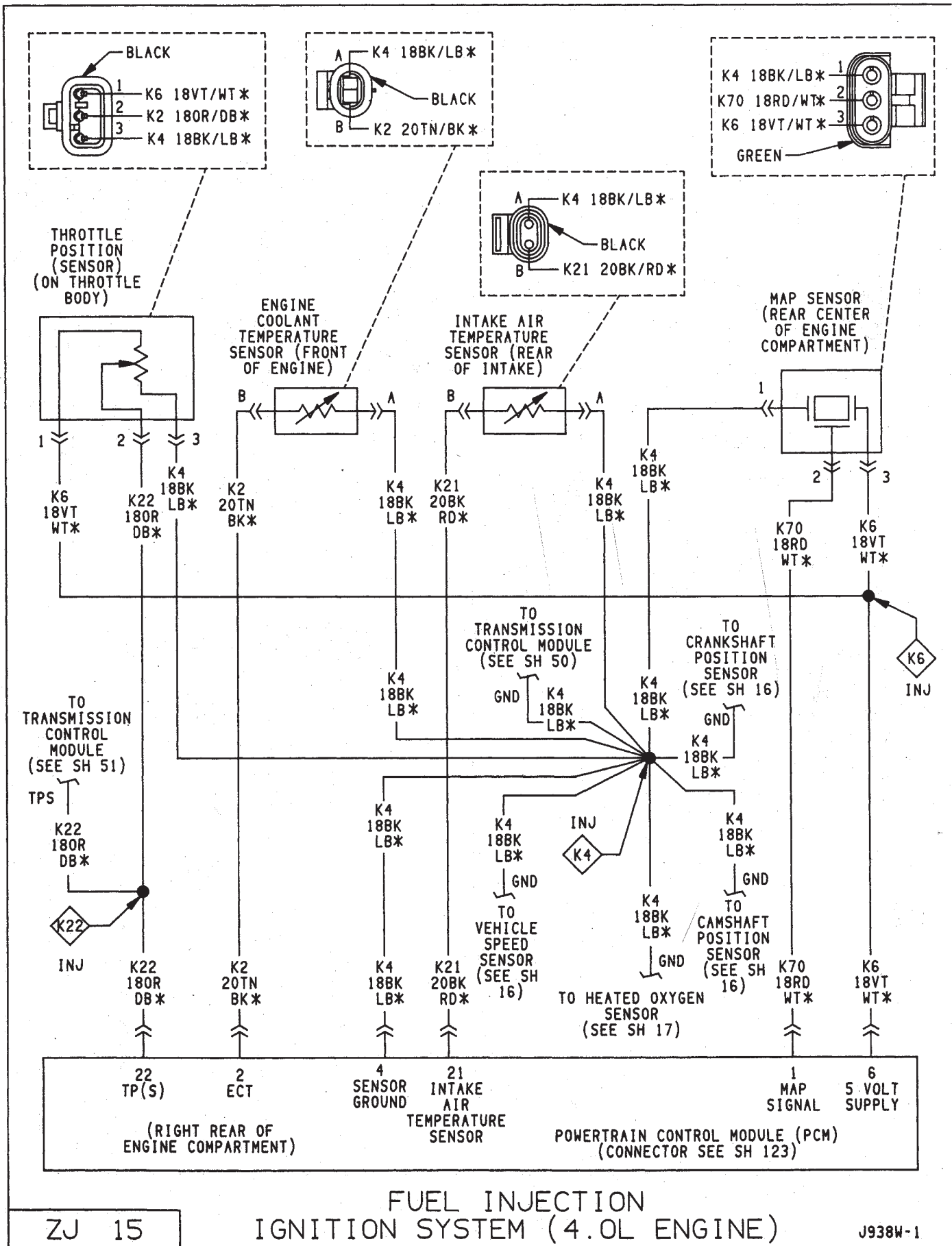


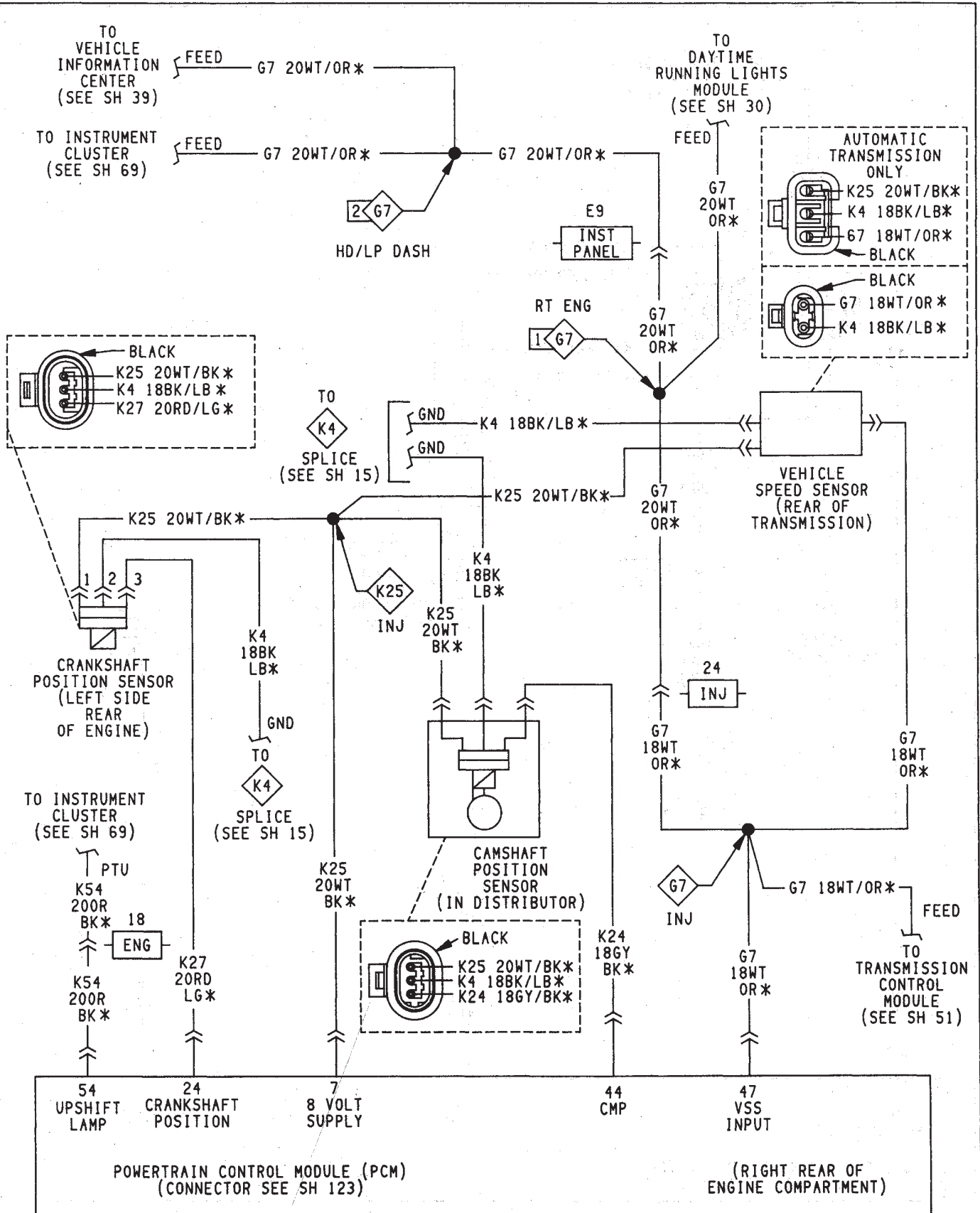




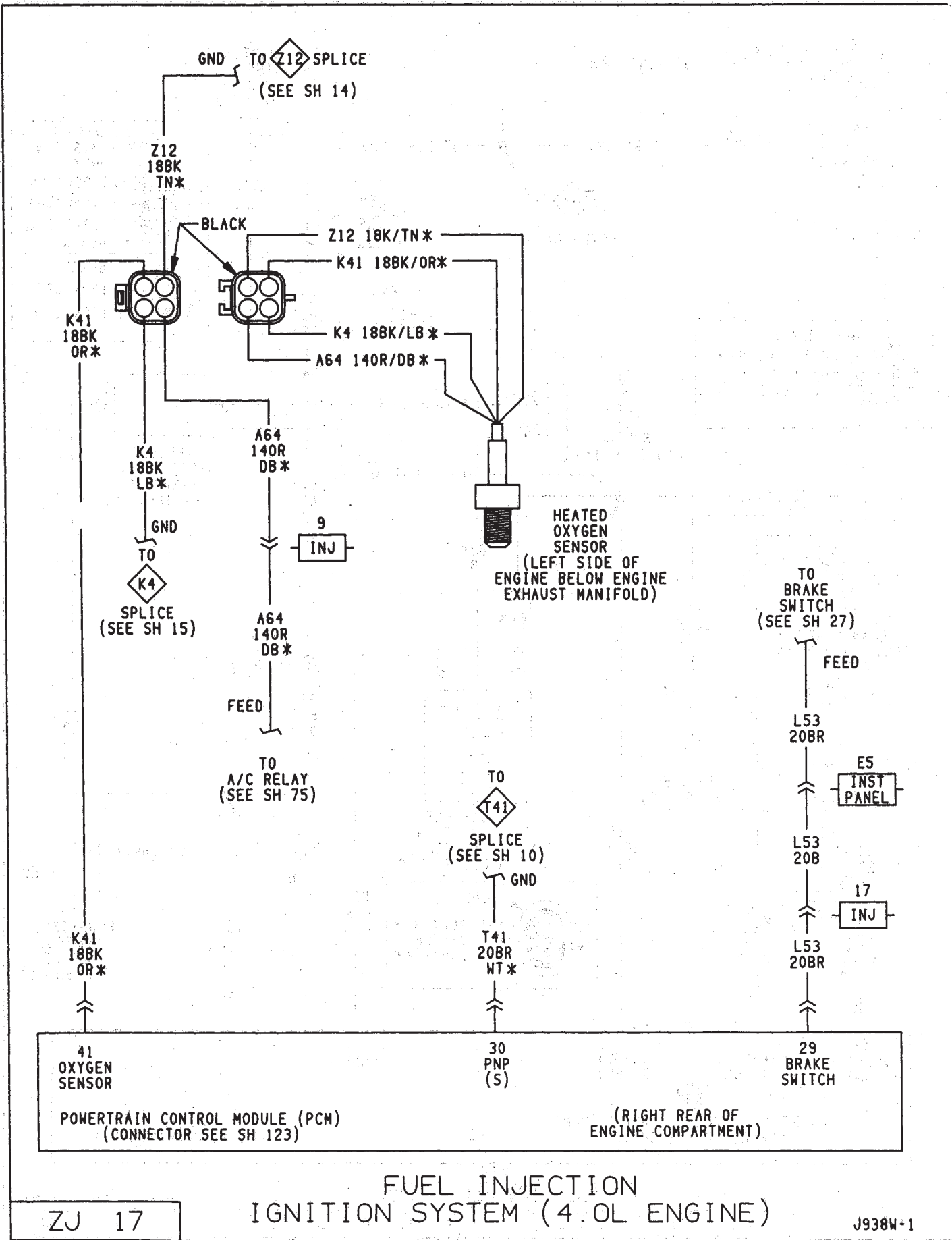


FUEL INJECTION
IGNITION SYSTEM (4.0L ENGINE)





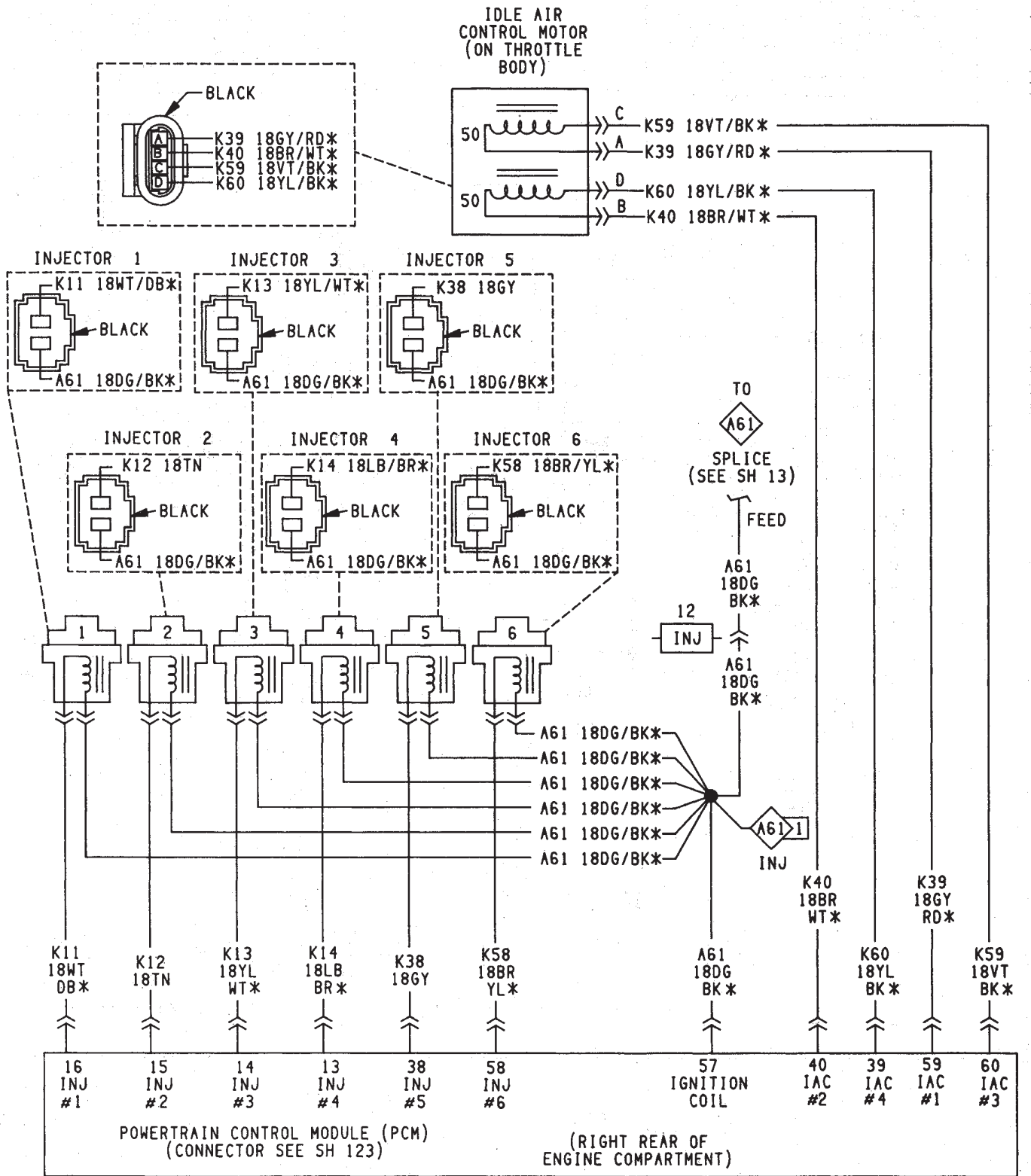
FUEL INJECTION
IGNITION SYSTEM (4.0L ENGINE)



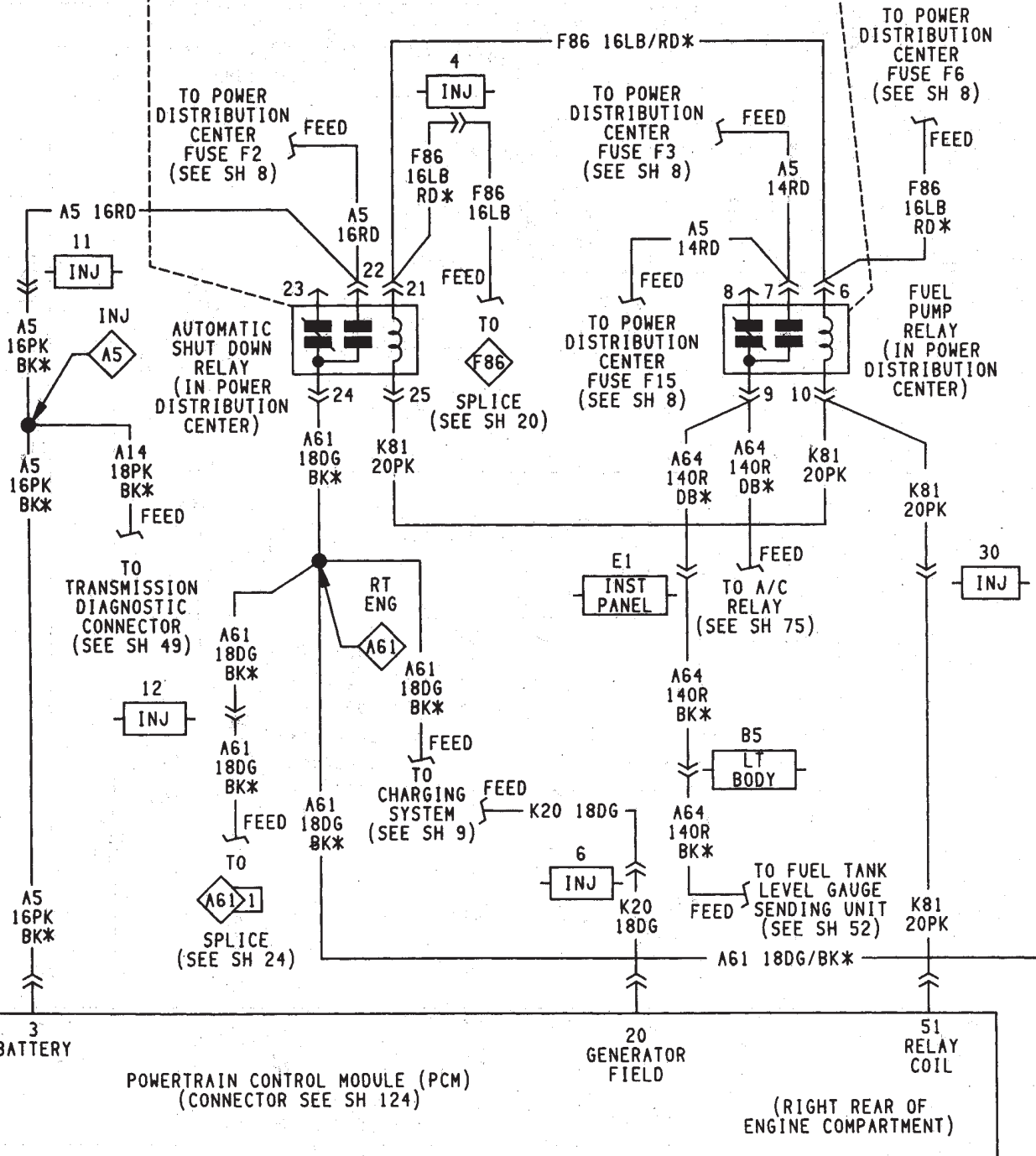
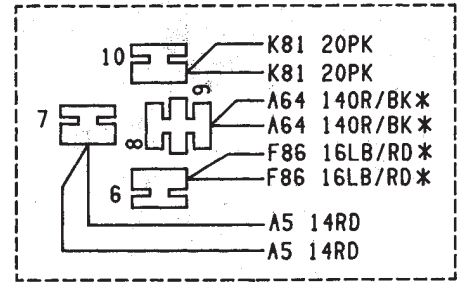
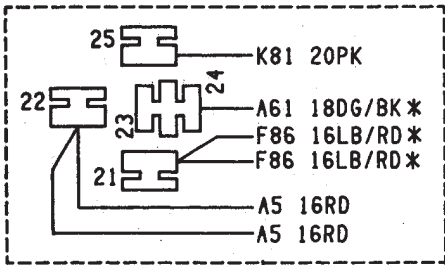
FUEL INJECTION
IGNITION SYSTEM (4.0L ENGINE)

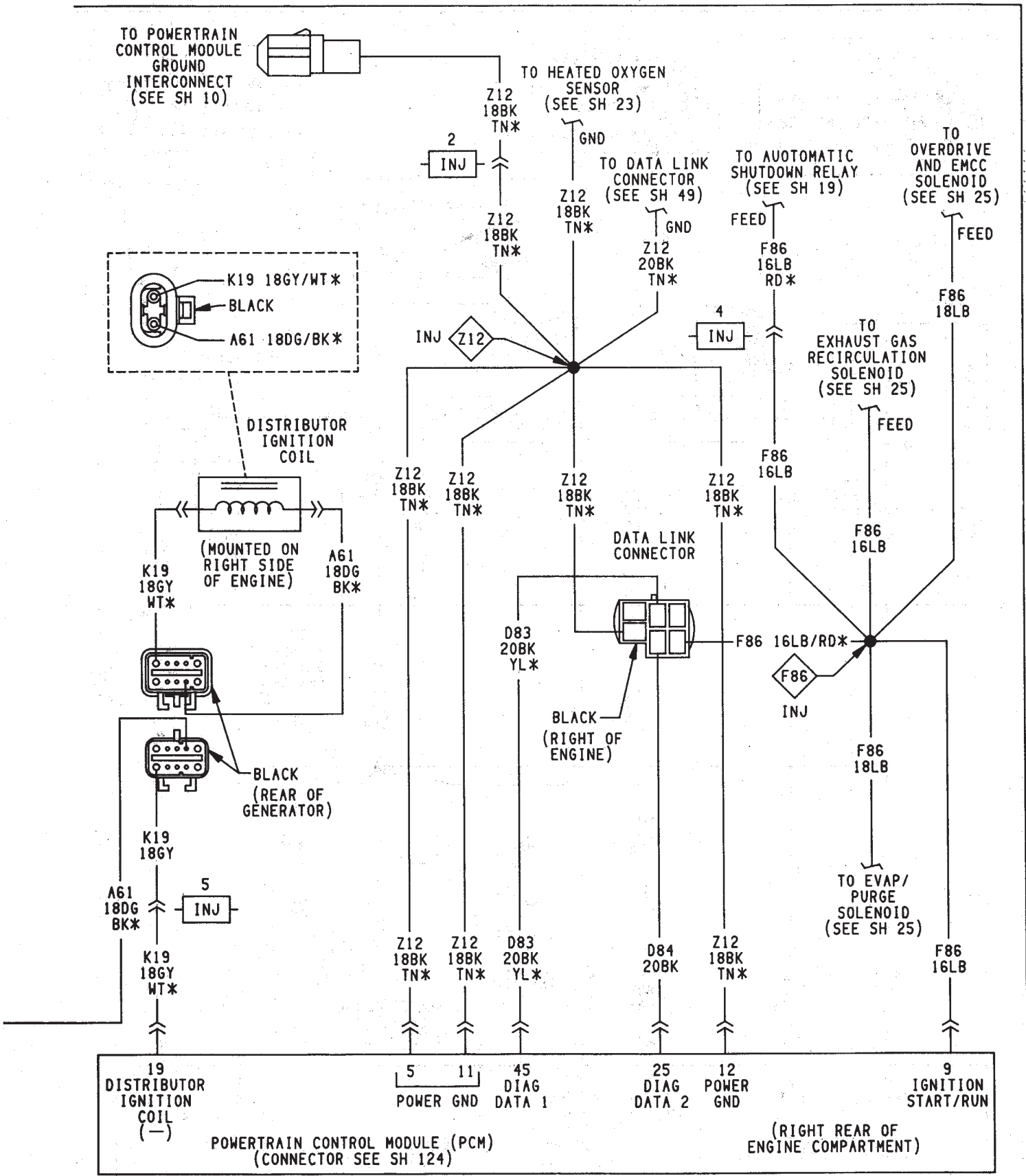
ZJ 17

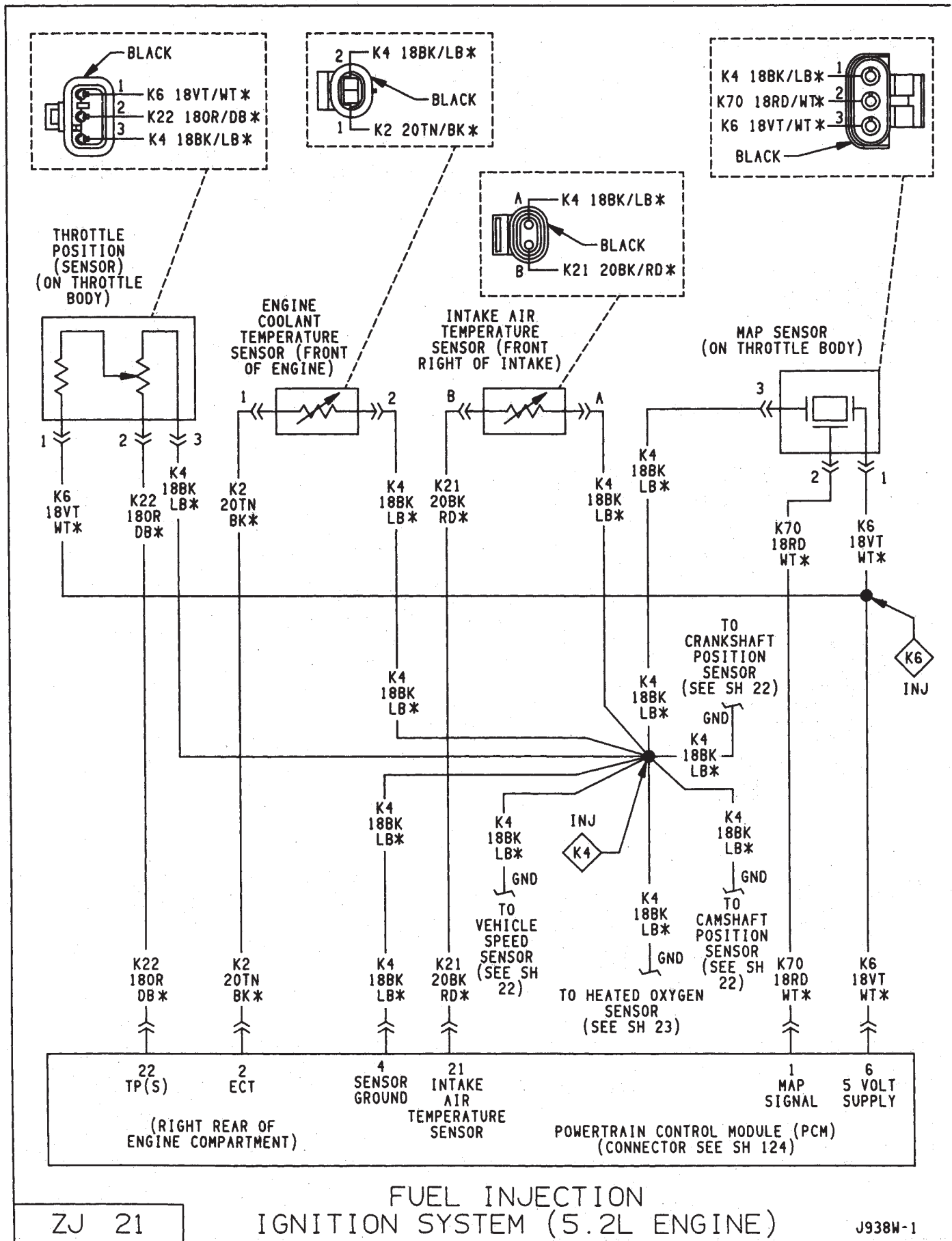
J938W-1

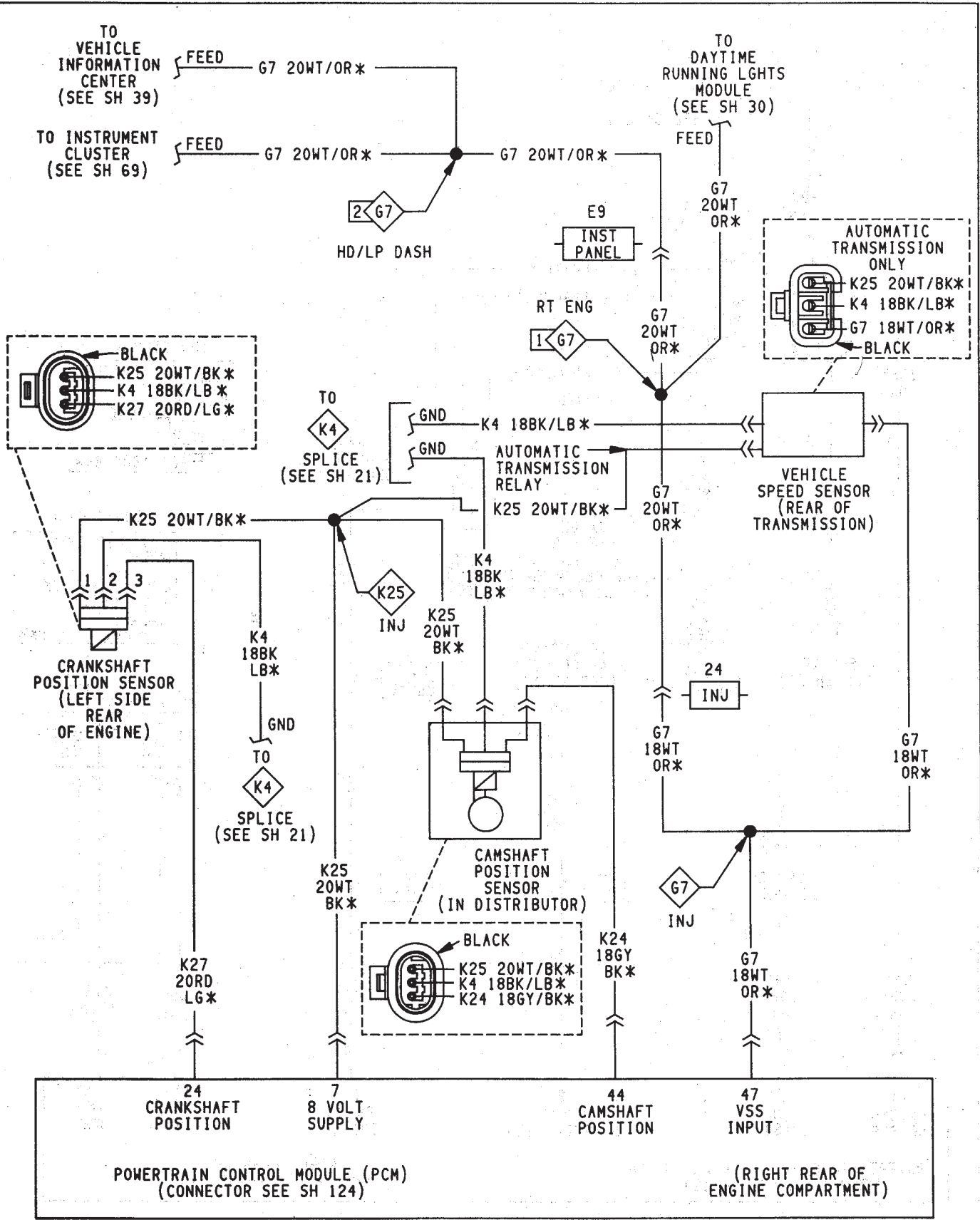


FUEL INJECTION
IGNITION SYSTEM (4.0L ENGINE)

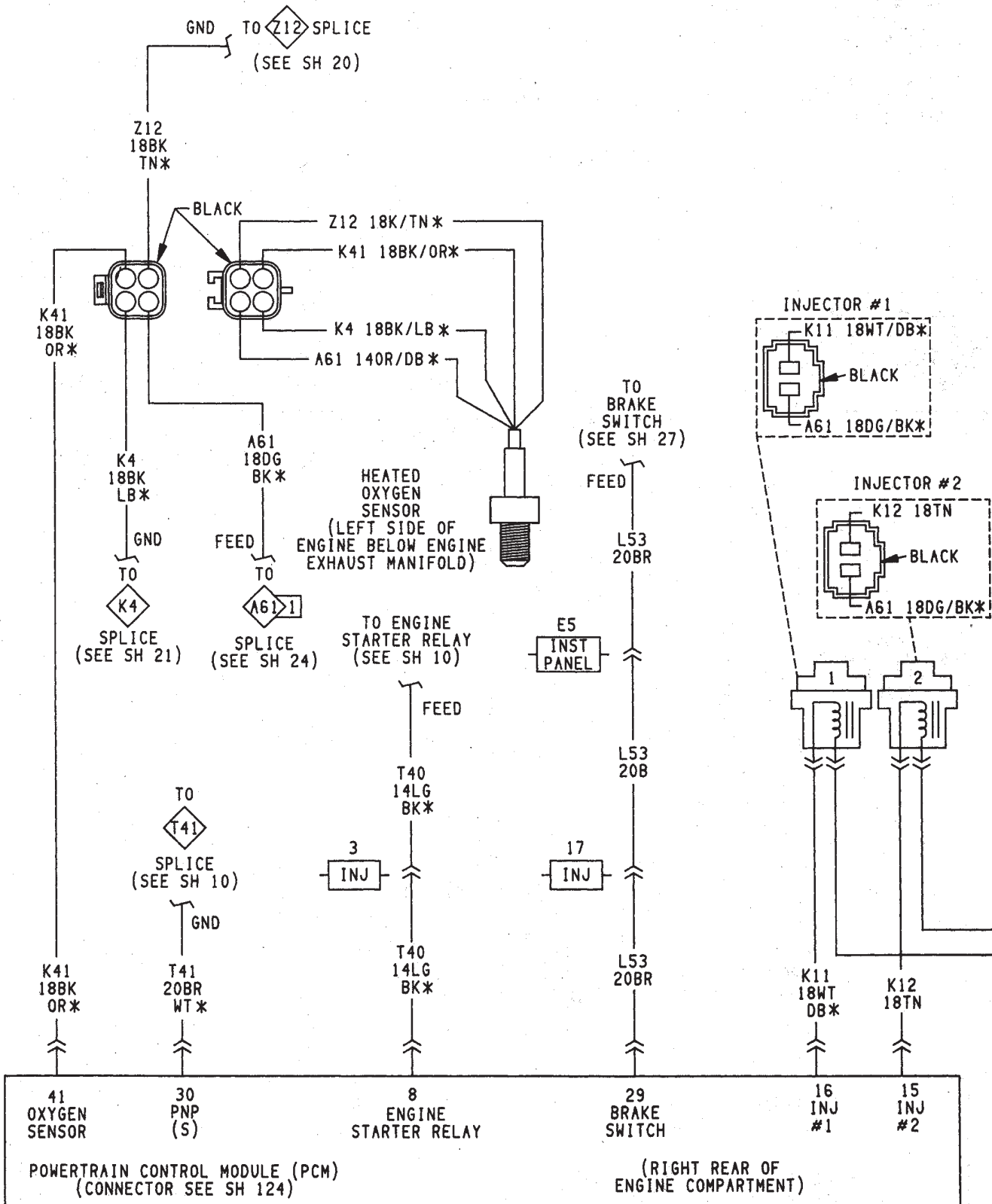




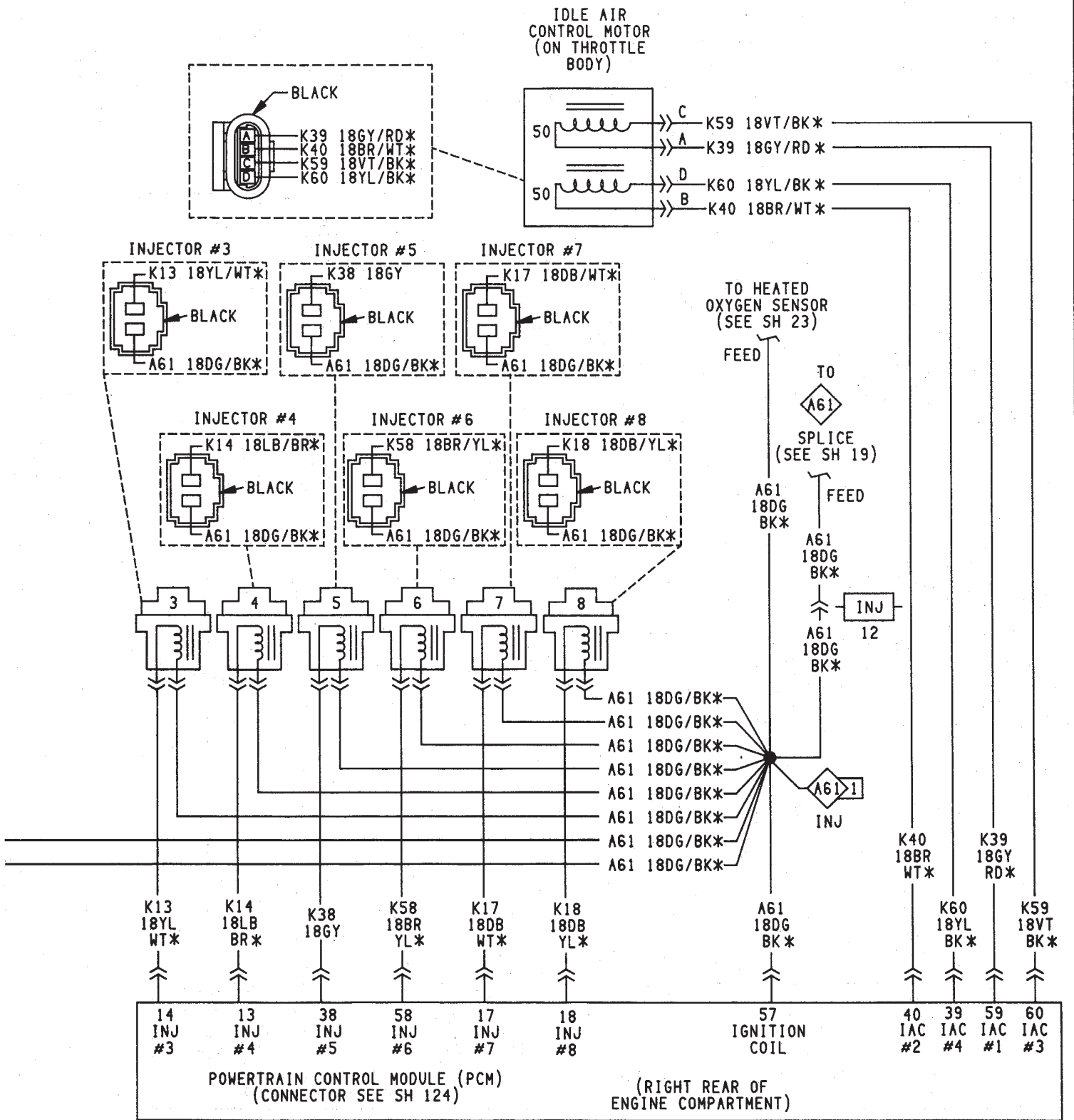




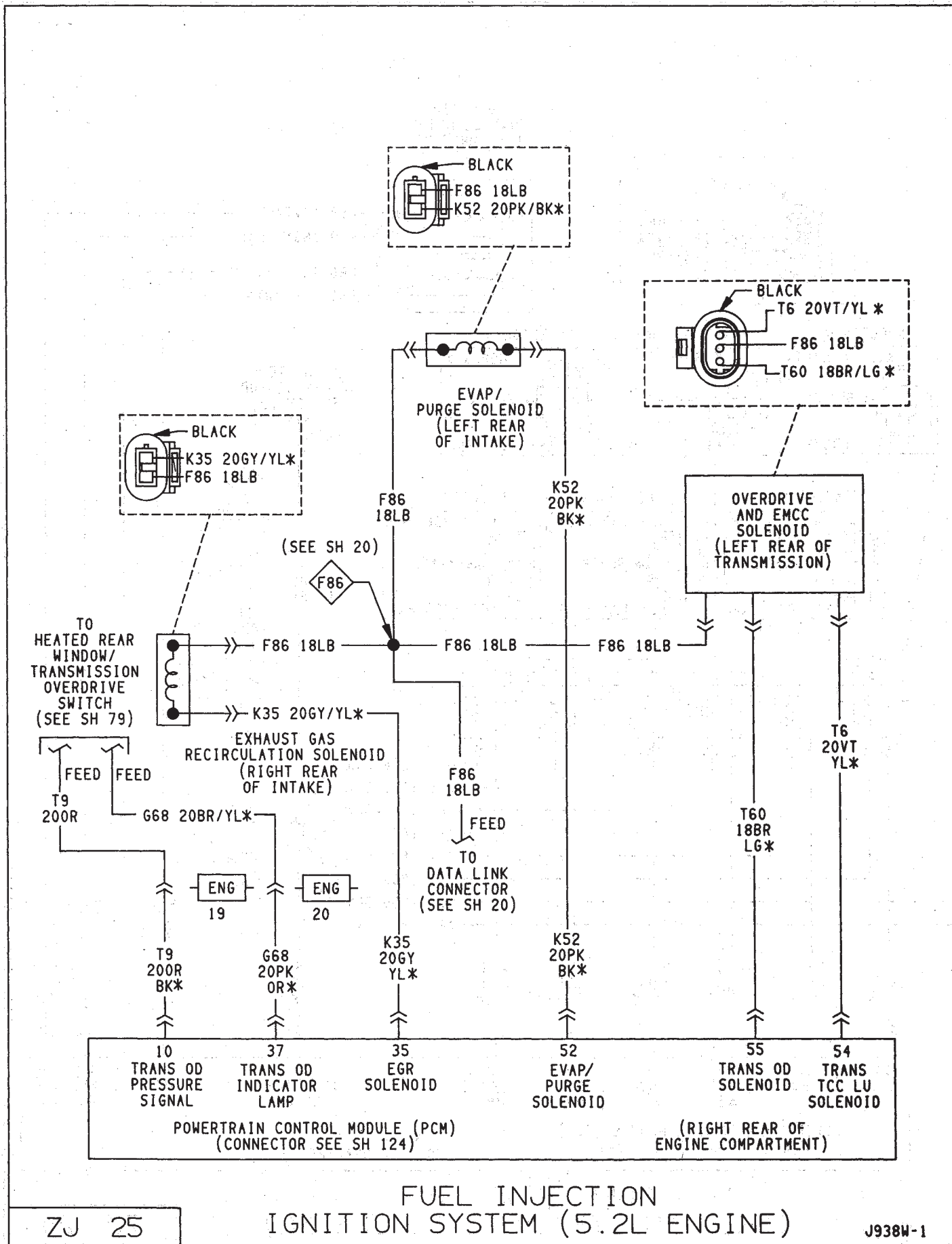
FUEL INJECTION
IGNITION SYSTEM (5.2L ENGINE)

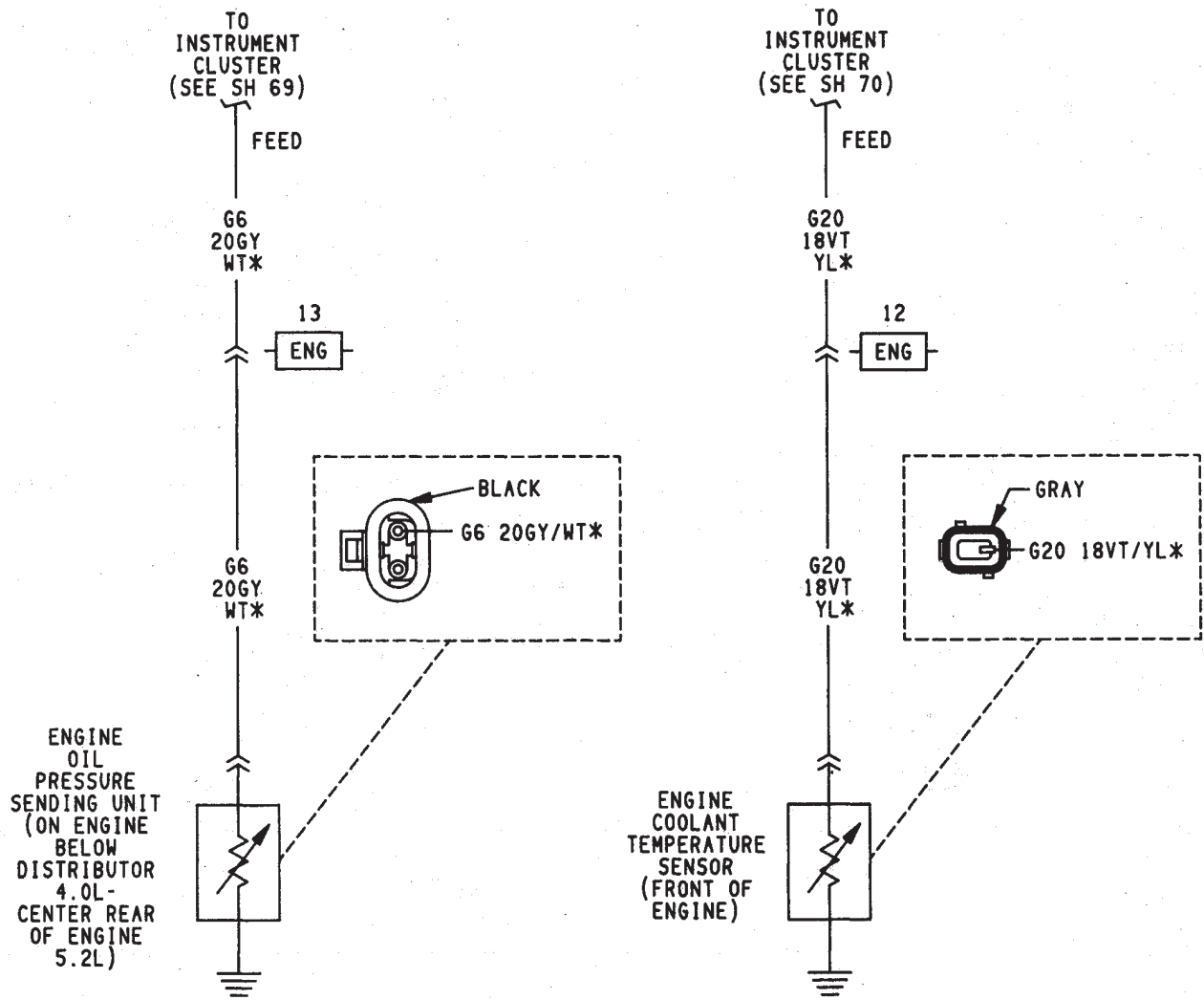


FUEL INJECTION IGNITION SYSTEM (5.2L ENGINE)

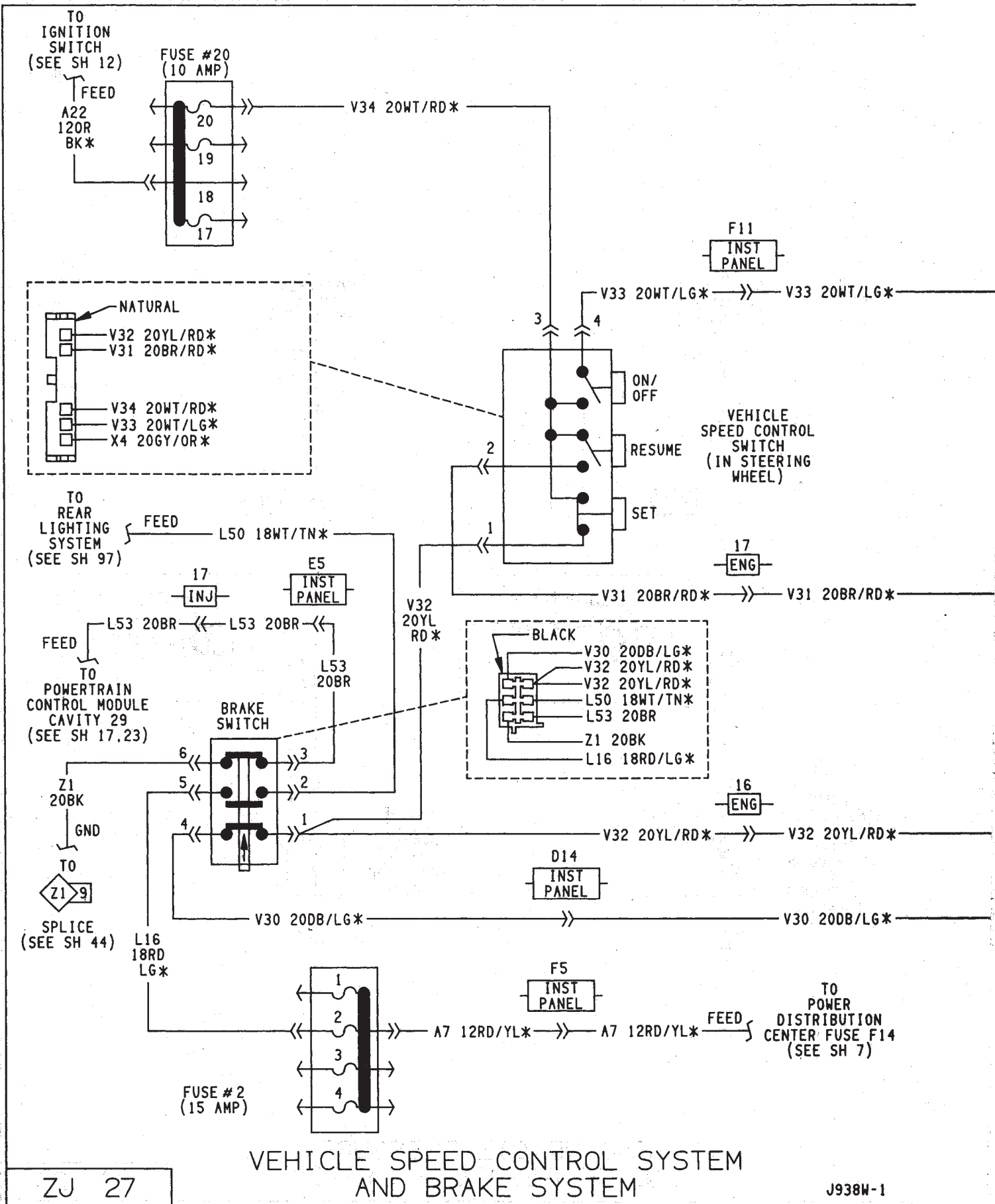


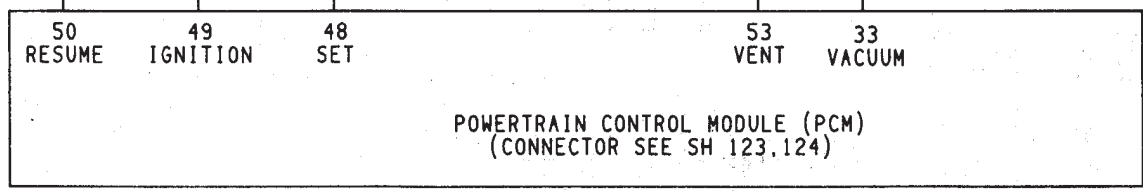
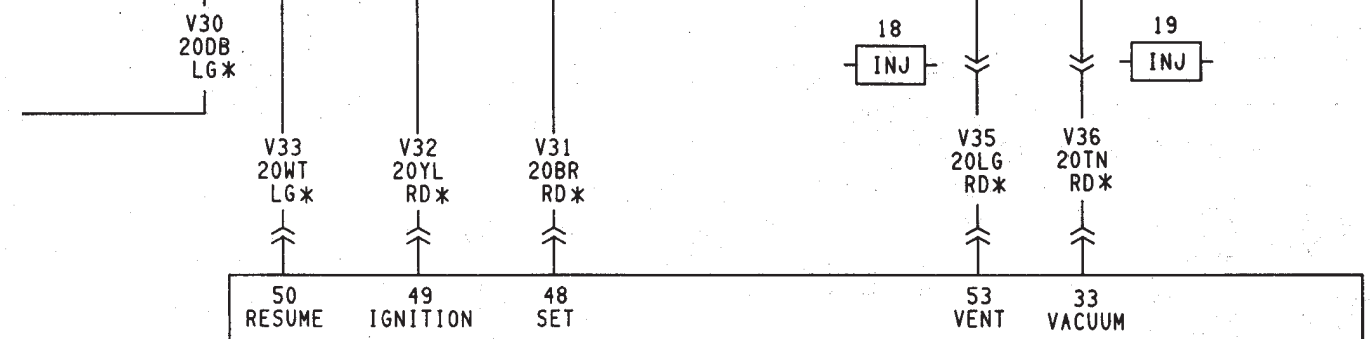
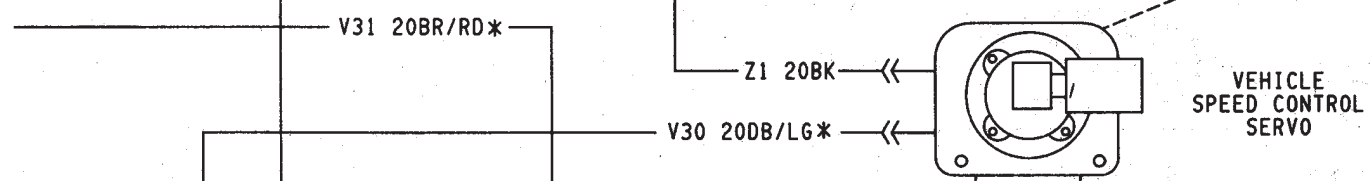
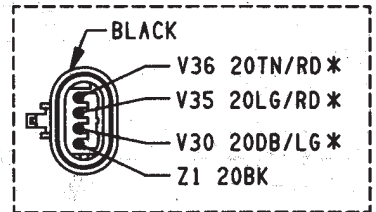
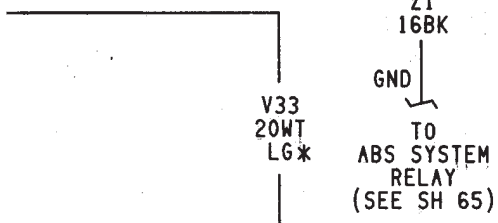
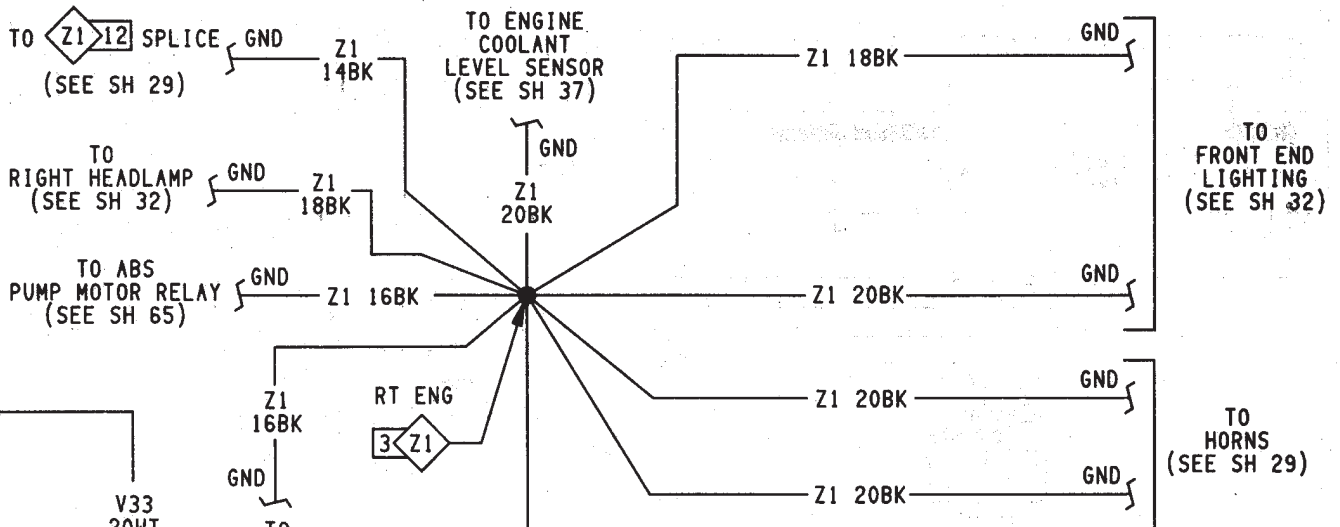
FUEL INJECTION
IGNITION SYSTEM (5.2L ENGINE)





ENGINE OIL PRESSURE AND TEMPERATURE SYSTEM



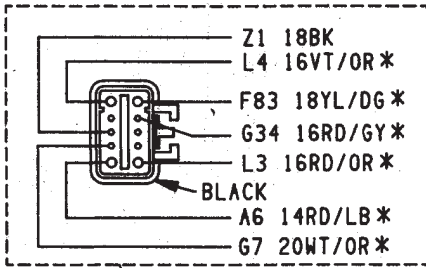
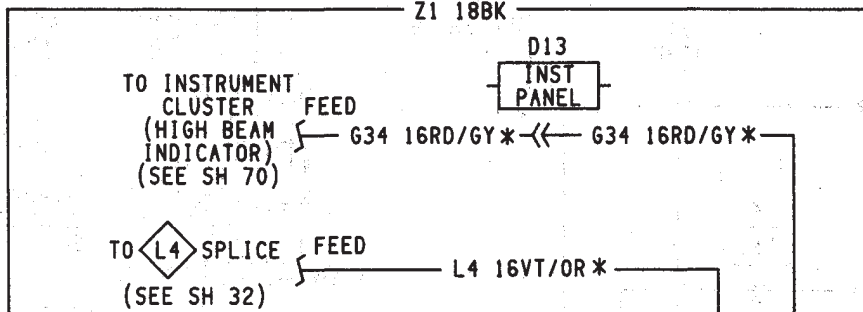


VEHICLE SPEED CONTROL SYSTEM AND BRAKE SYSTEM

TO POWER DISTRIBUTION CENTER FUSE F10 (SEE SH 7)

TO POWER DISTRIBUTION CENTER FUSE F5 (SEE SH 8)

TO G7 1 SPLICE (SEE SH 16,22)



TO L3 SPLICE (SEE SH 32)

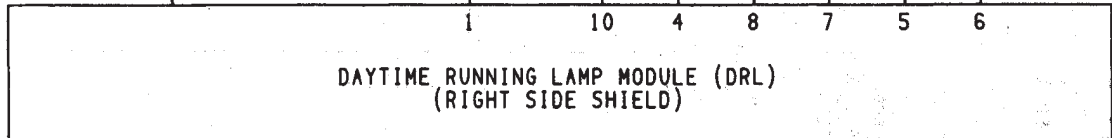
TO A6 SPLICE (SEE SH 33)

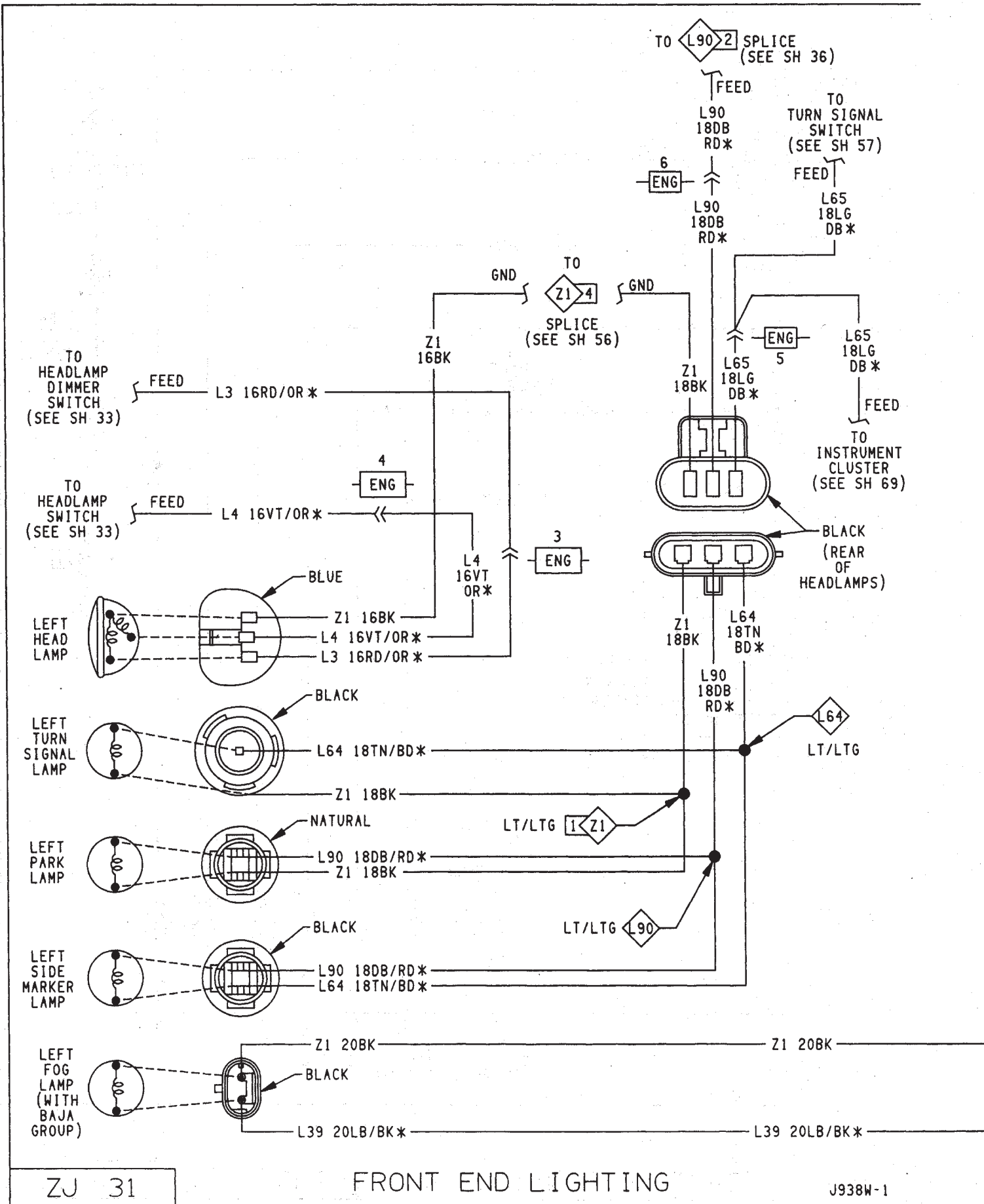
F6 INST PANEL

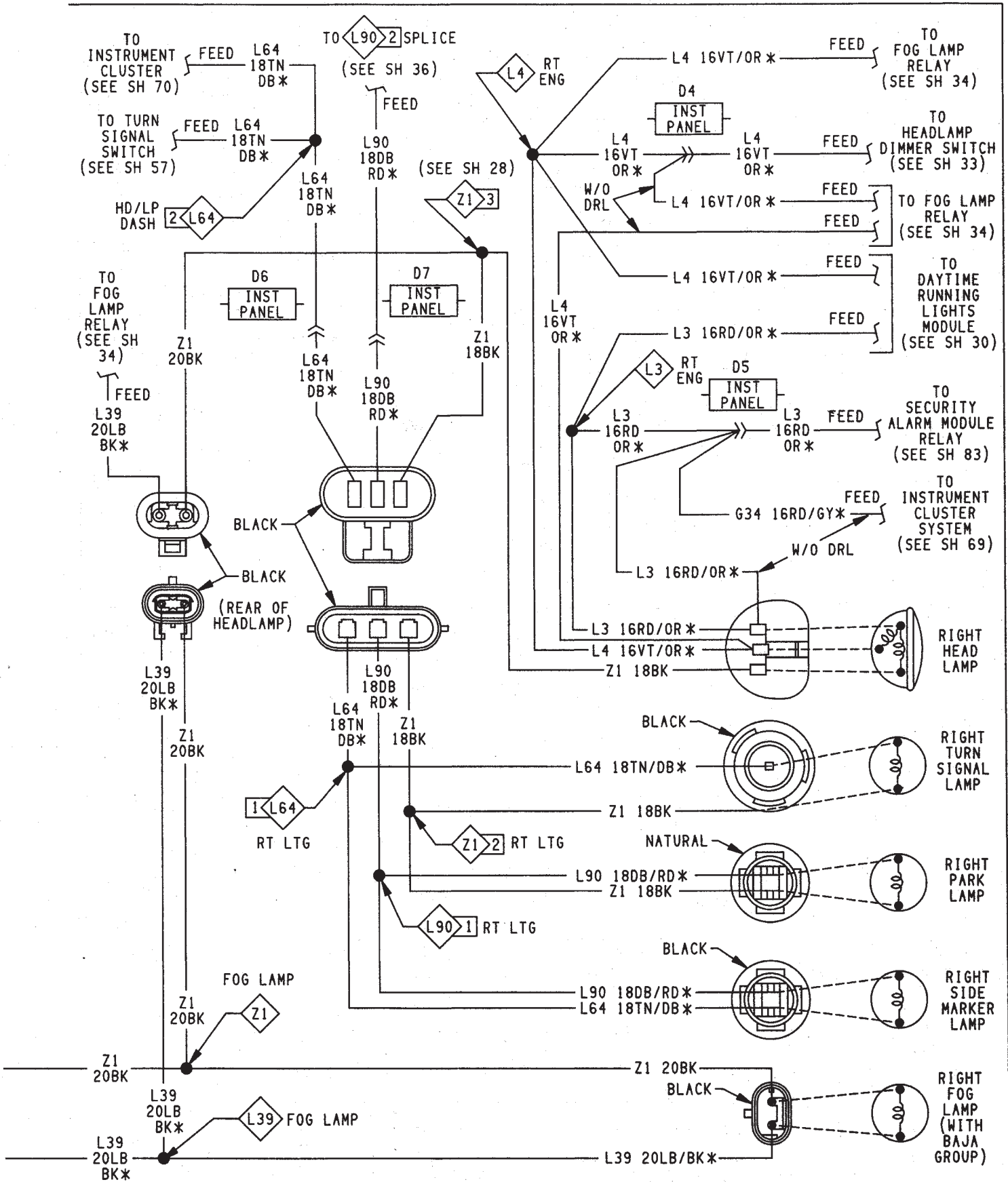
A6 1

RT ENG

- L3 16RD OR*
- L4 16VT OR*
- G34 16RD GY*
- Z1 18BK
- G7 20WT OR*
- F83 18YL DG*
- A6 14RD LB*



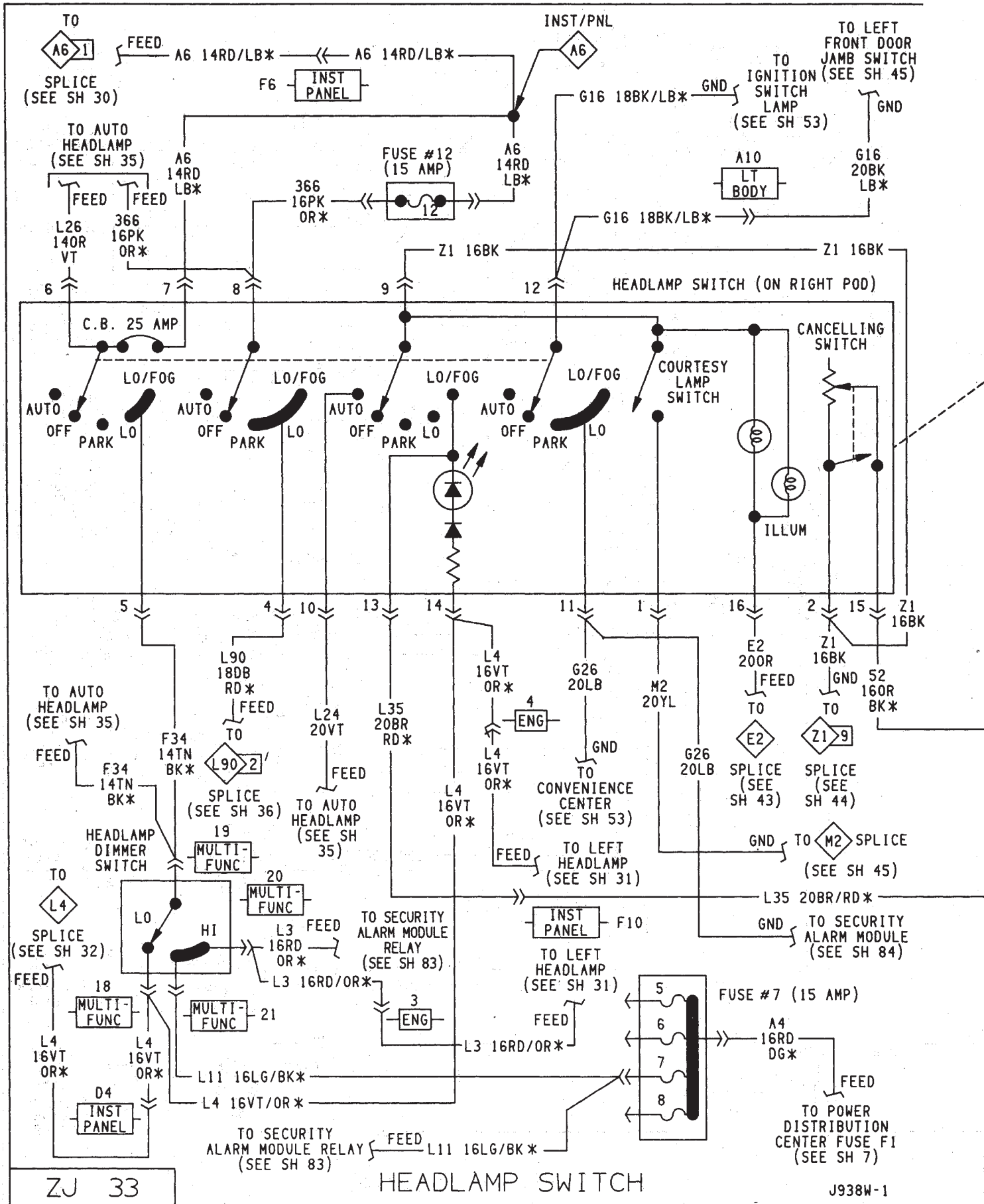




J938W-1

FRONT END LIGHTING

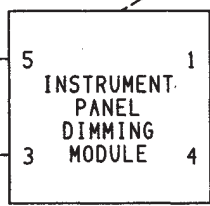
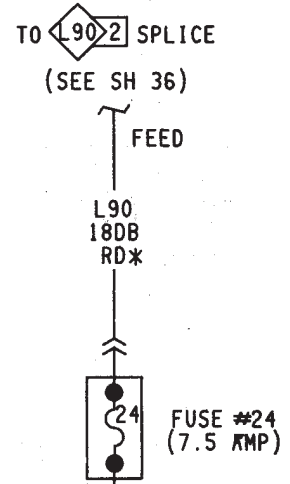
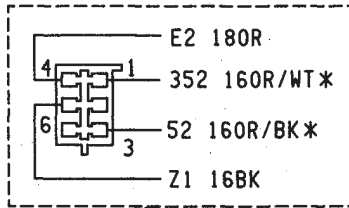
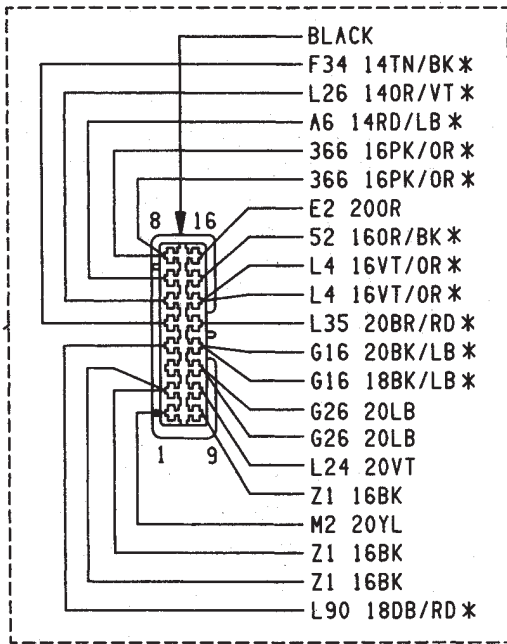
ZJ 32



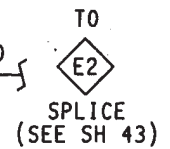
ZJ 33

HEADLAMP SWITCH

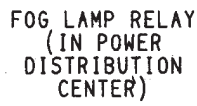
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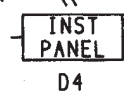
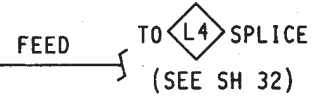
(MOUNTED ON BRACKET RIGHT OF STEERING COLUMN)



TO POWER DISTRIBUTION CENTER FUSE F4 (SEE SH 7)

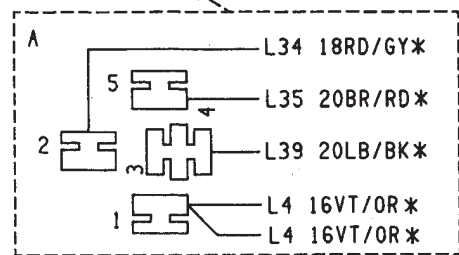


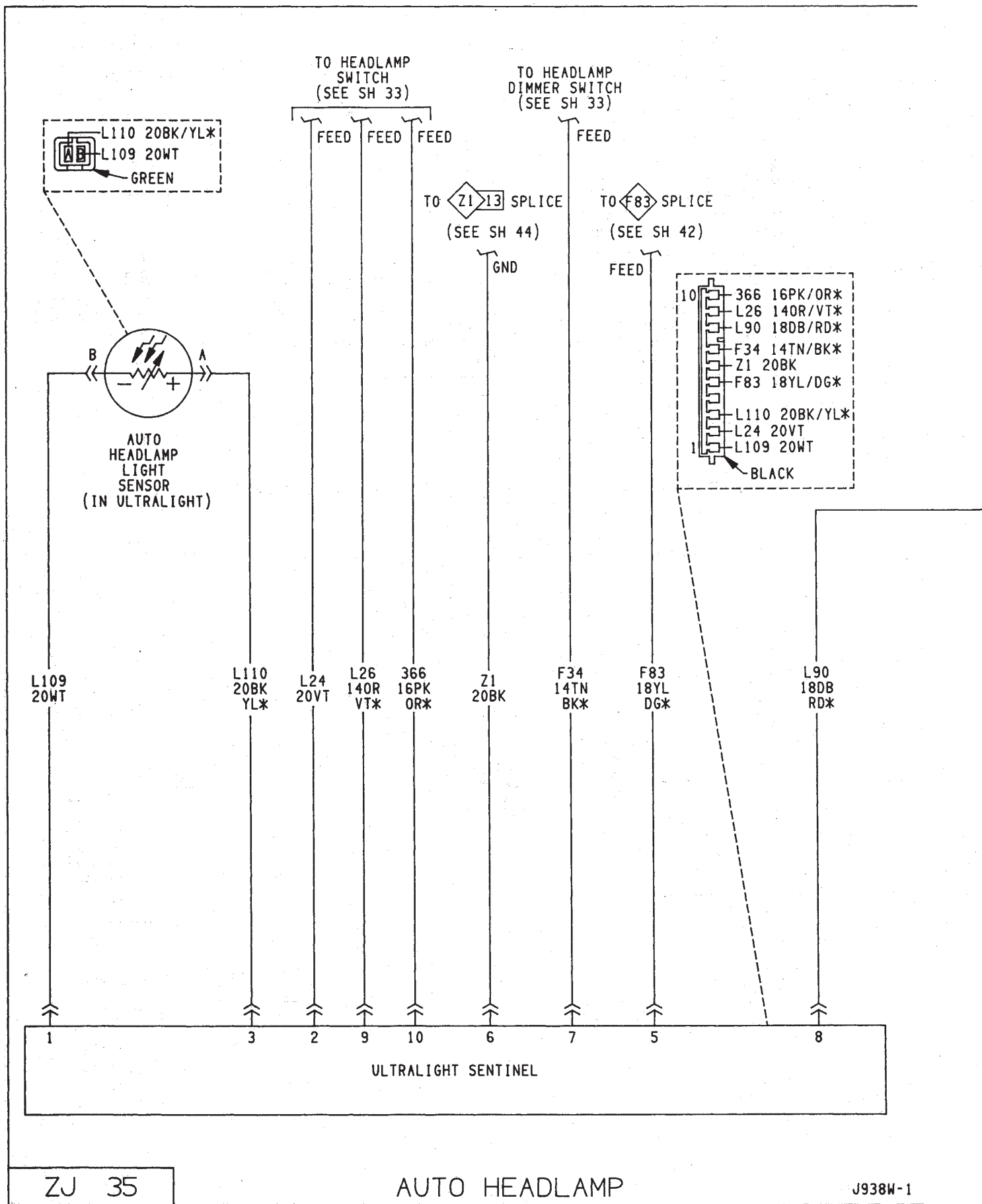
TO FRONT END LIGHTING SEE SH 32

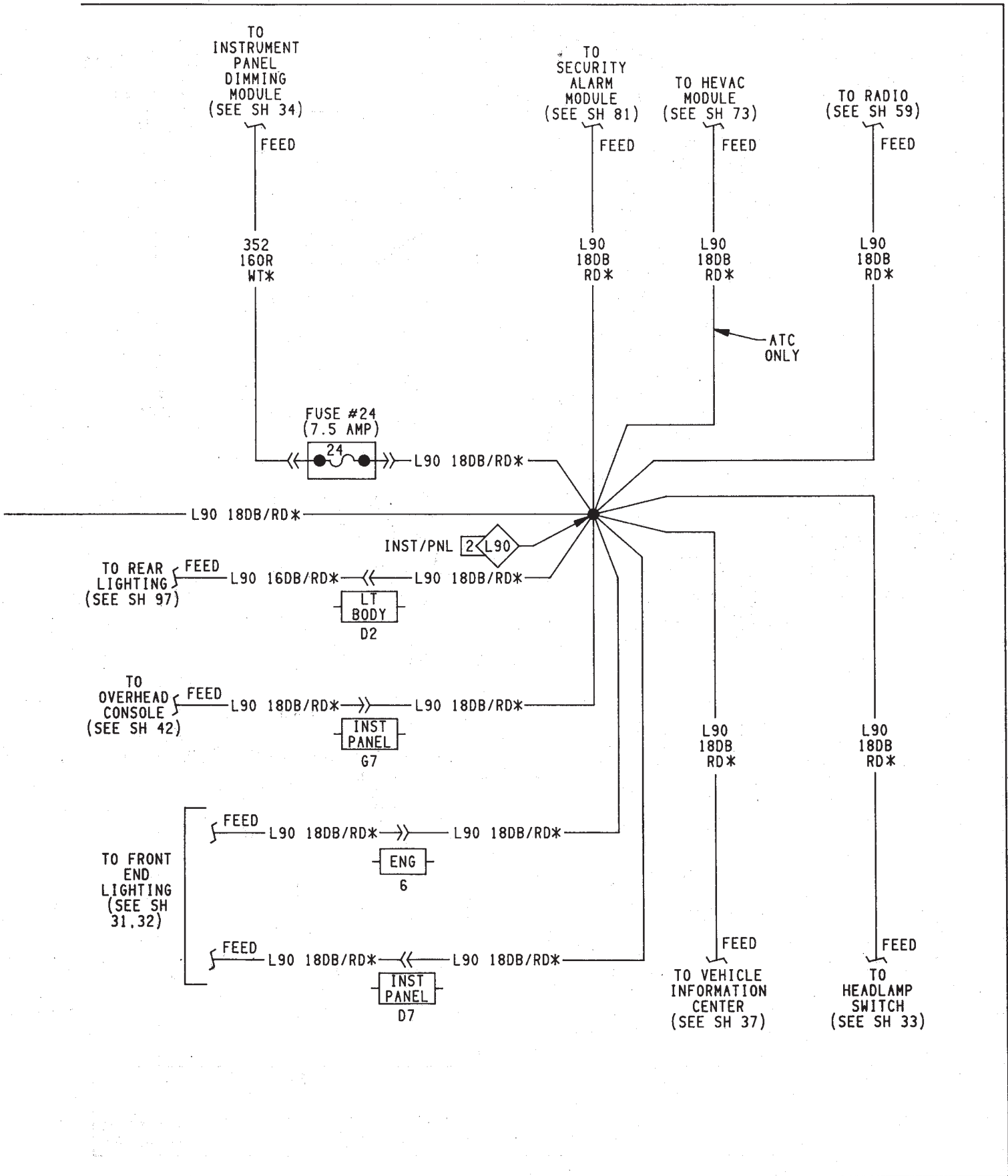


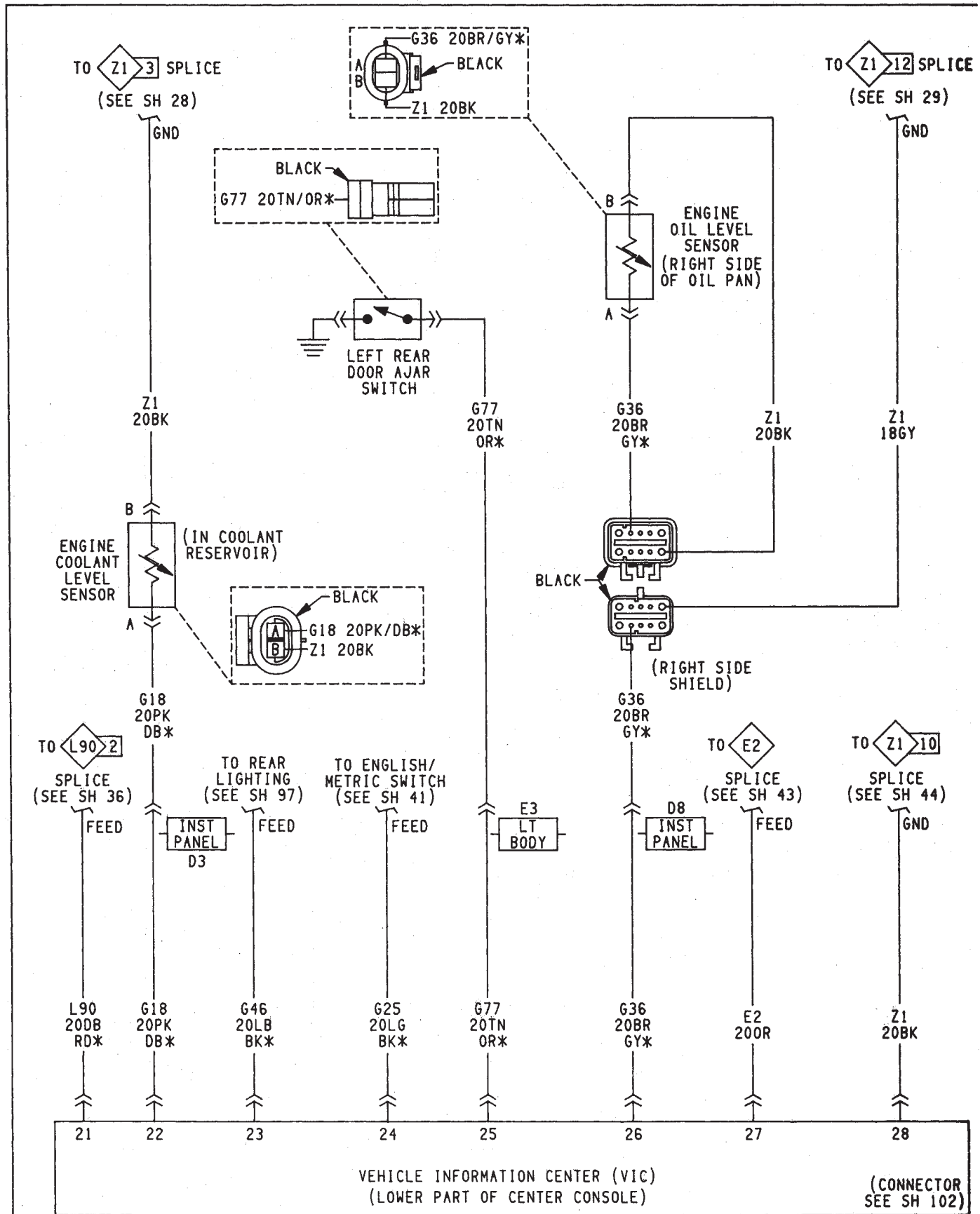
TO HEADLAMP DIMMER SWITCH (SEE SH 33)

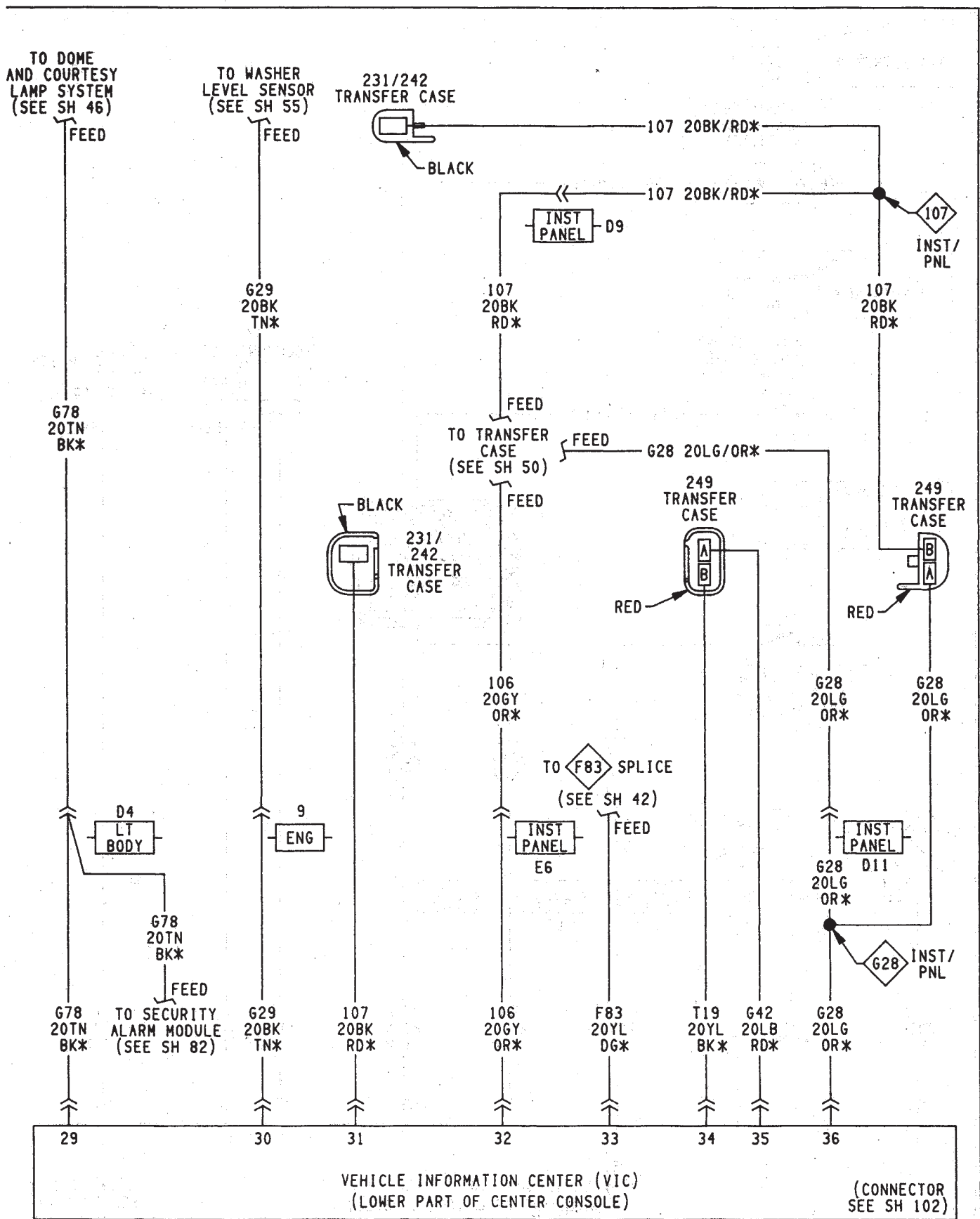
TO RIGHT HEADLAMP (SEE SH 32)

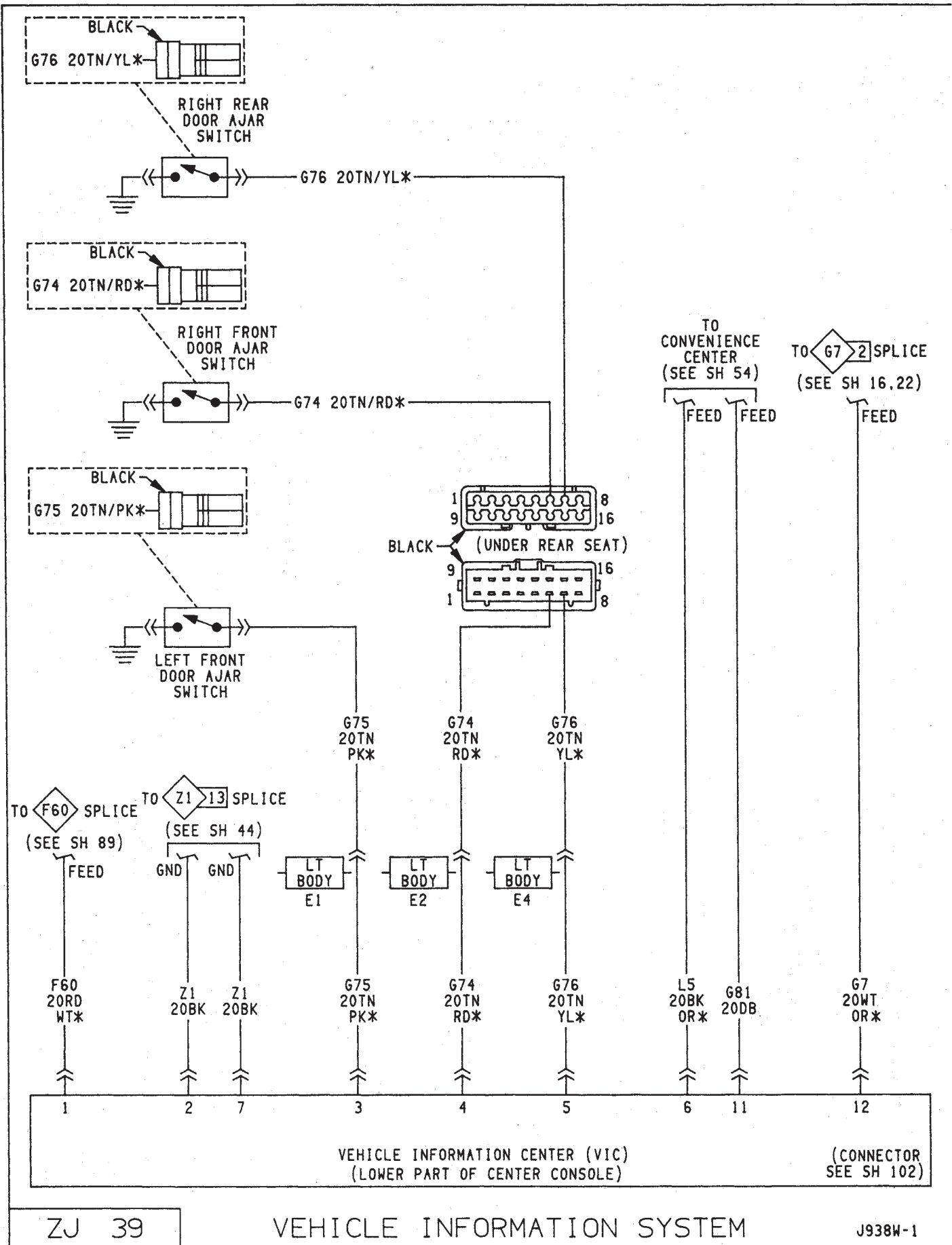


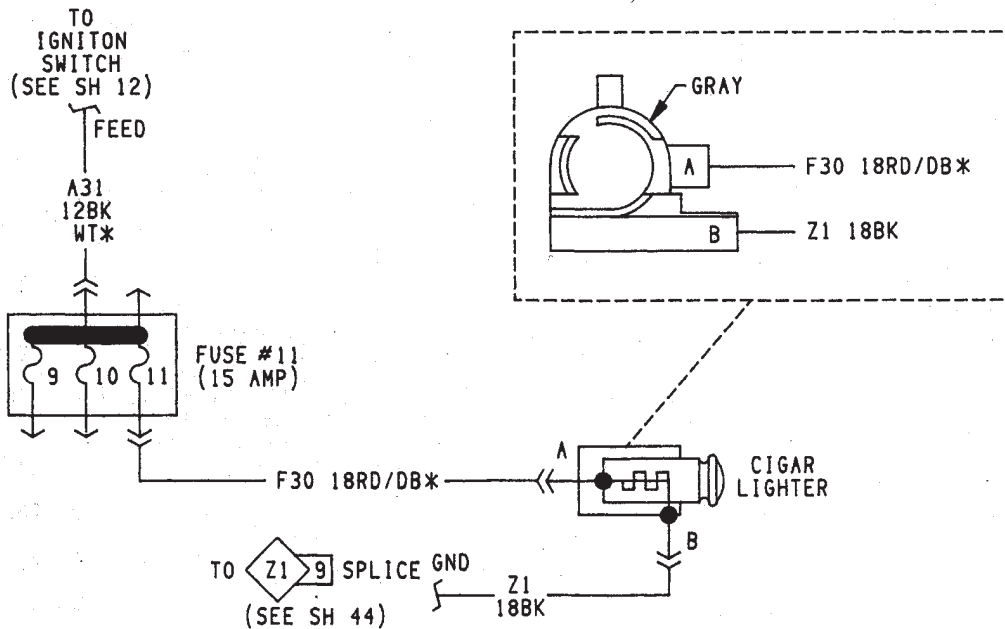
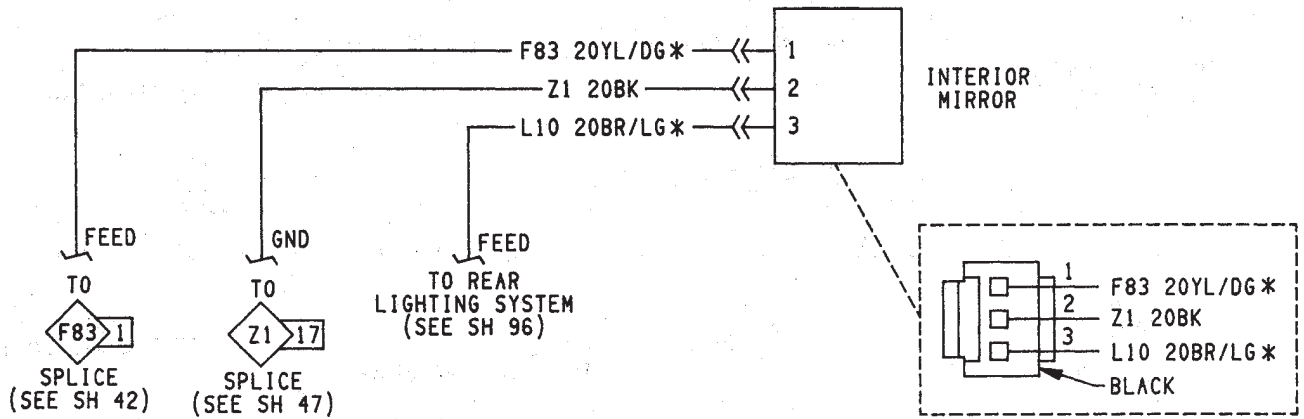
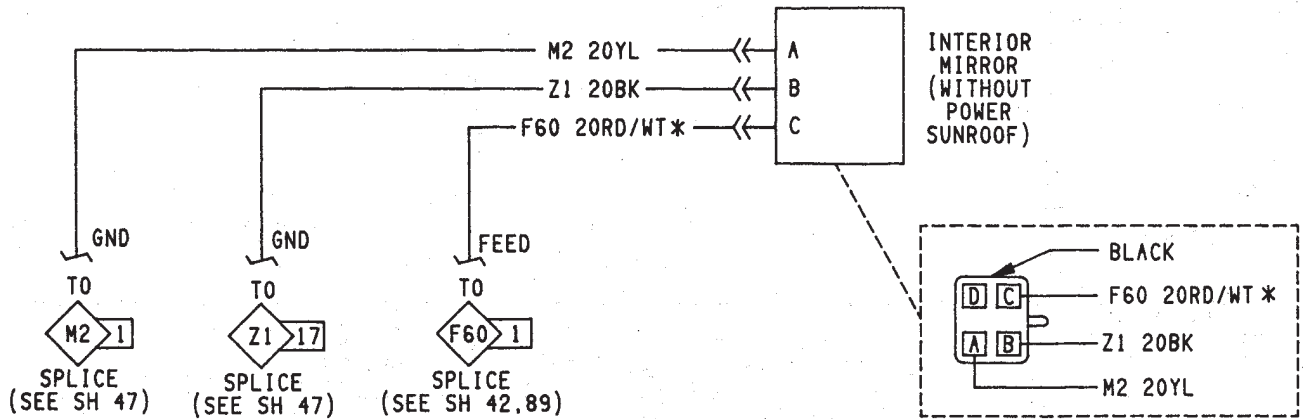




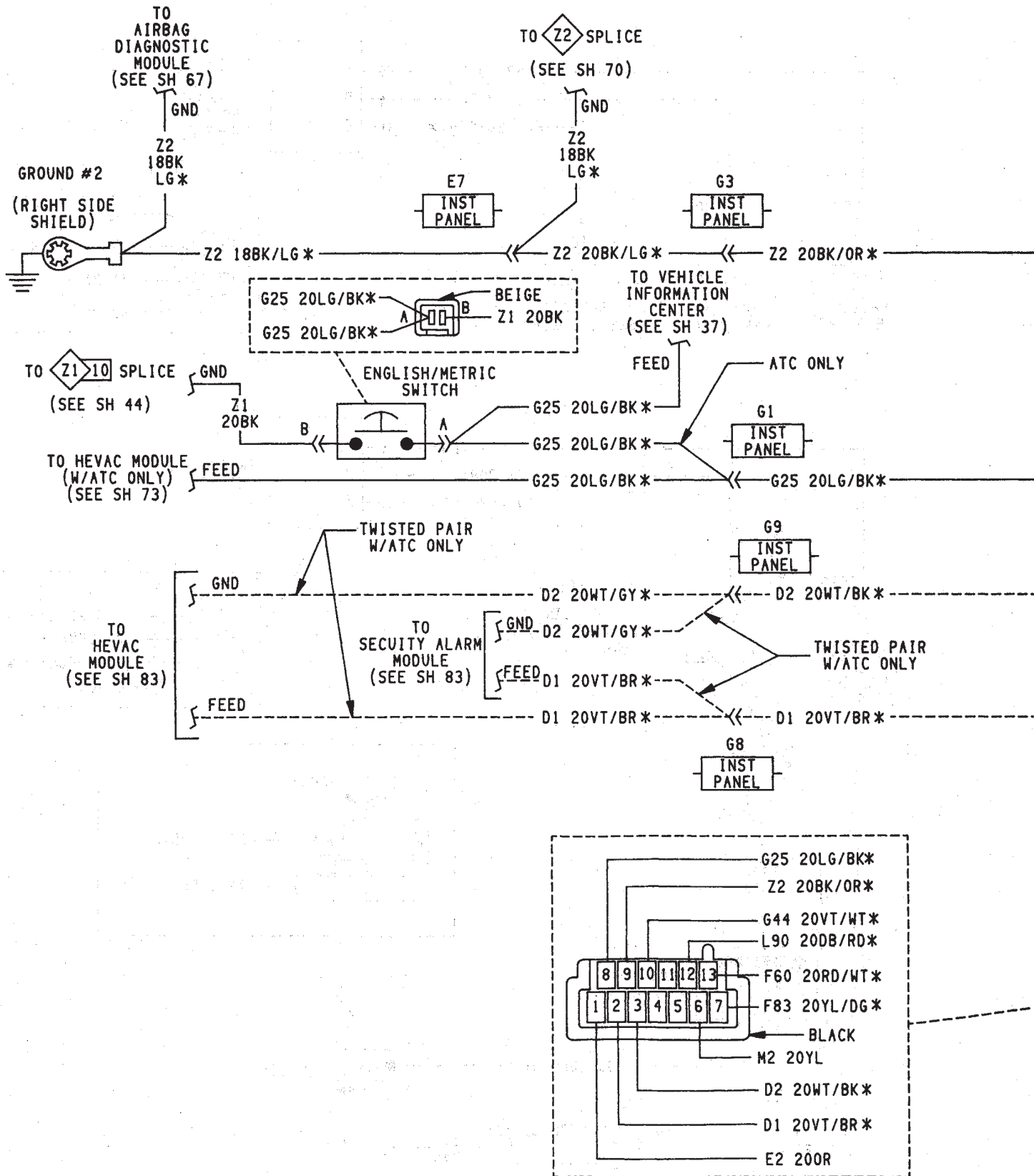


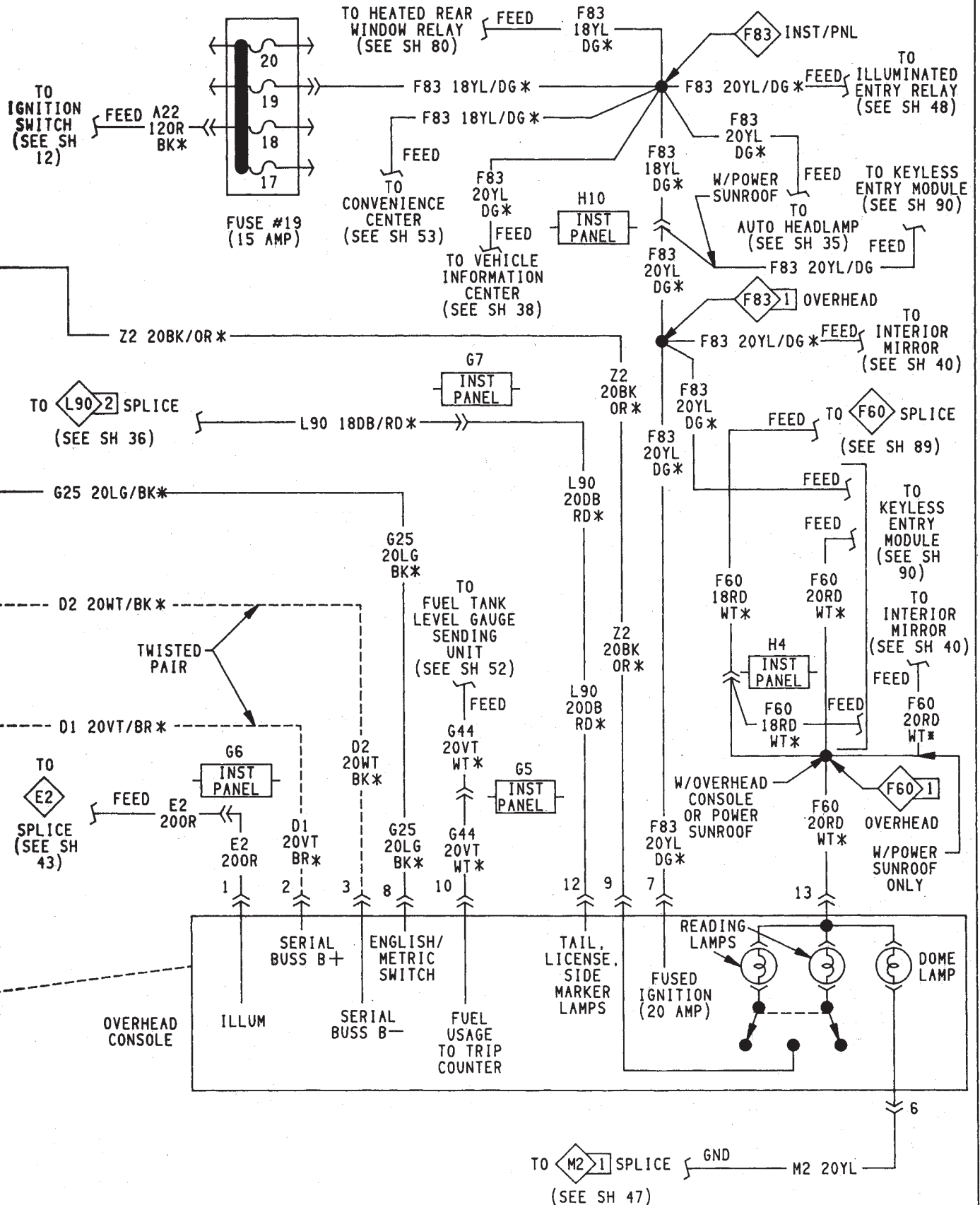


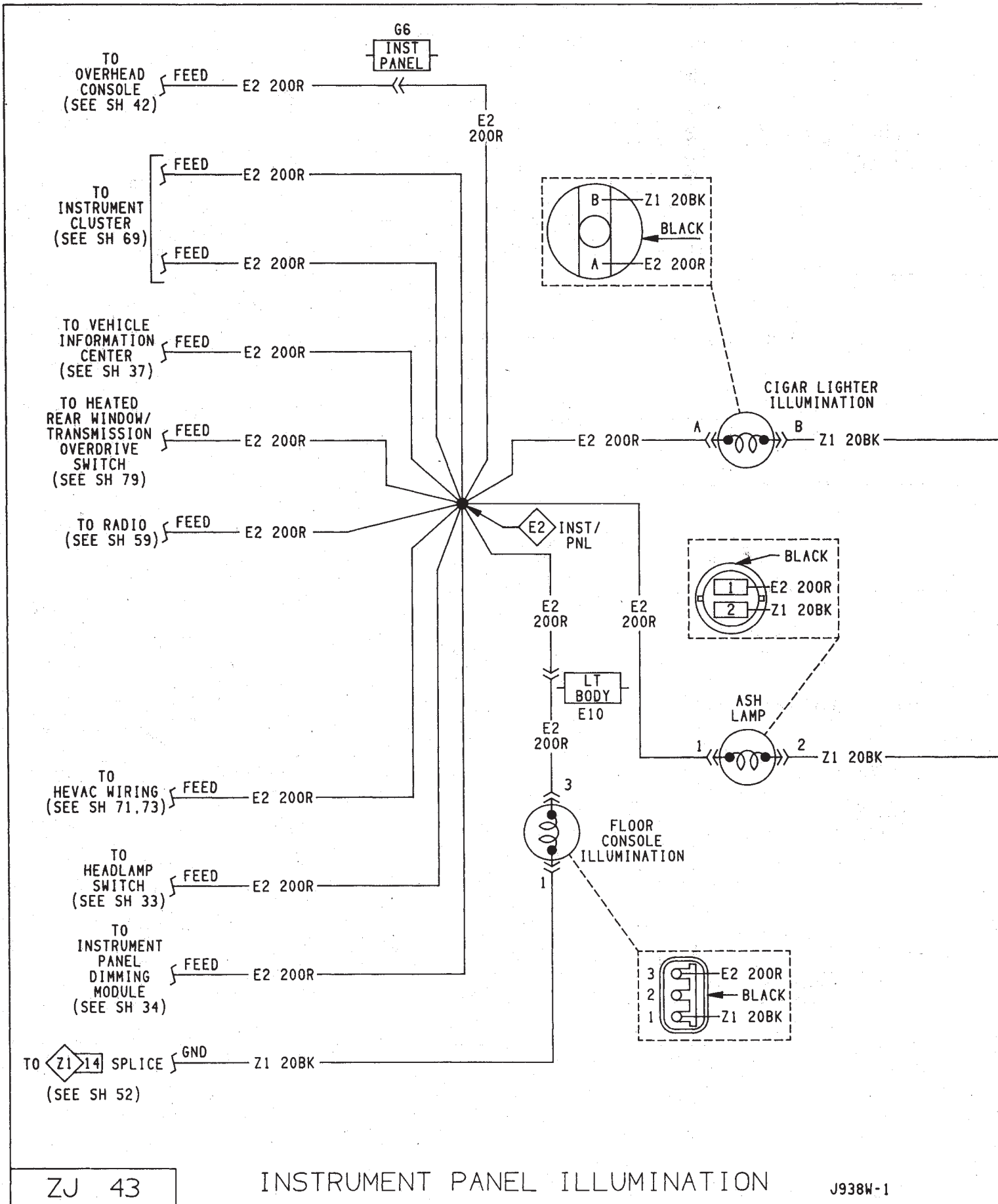


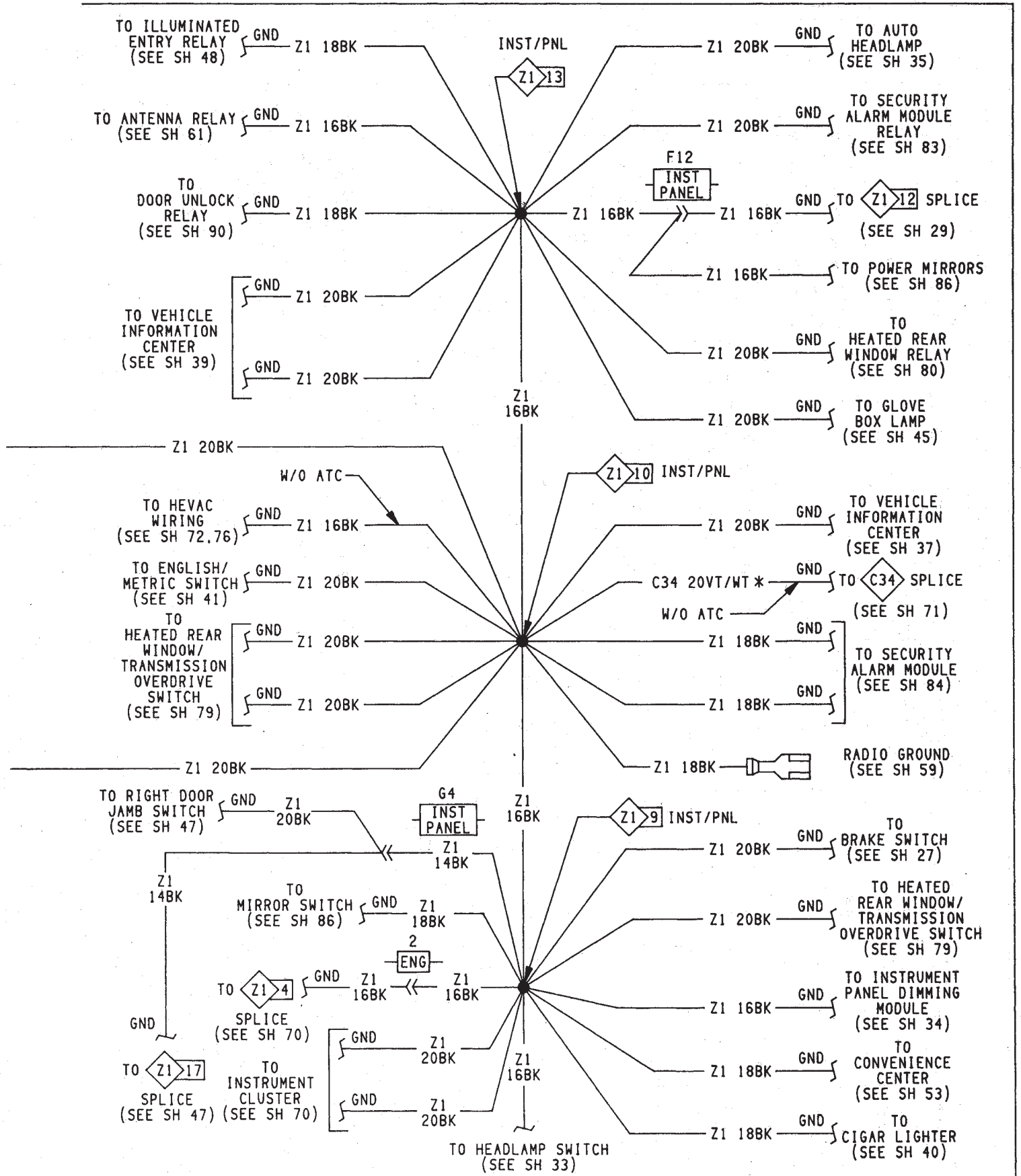


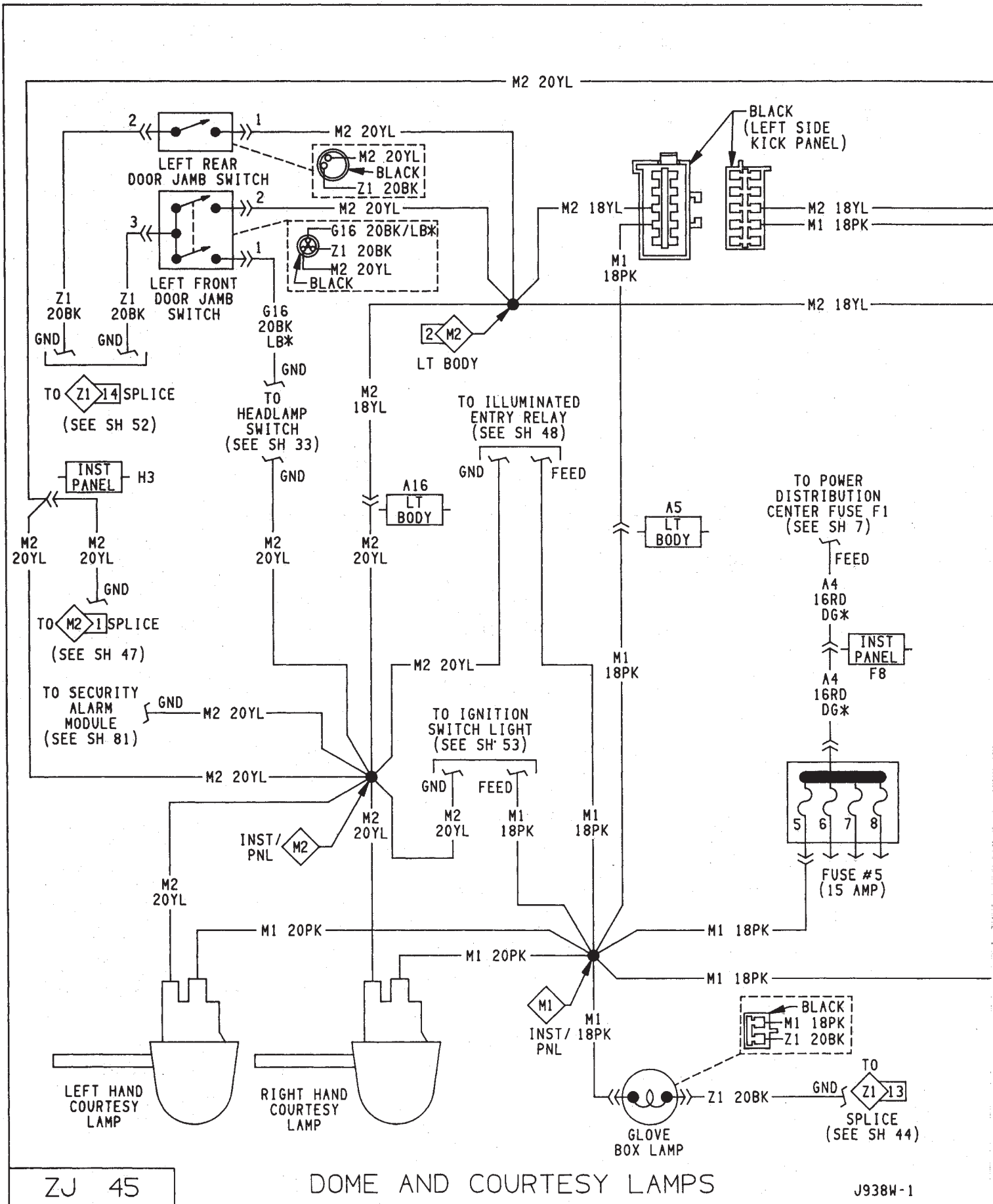
DAY/NIGHT MIRROR AND CIGAR LIGHTER







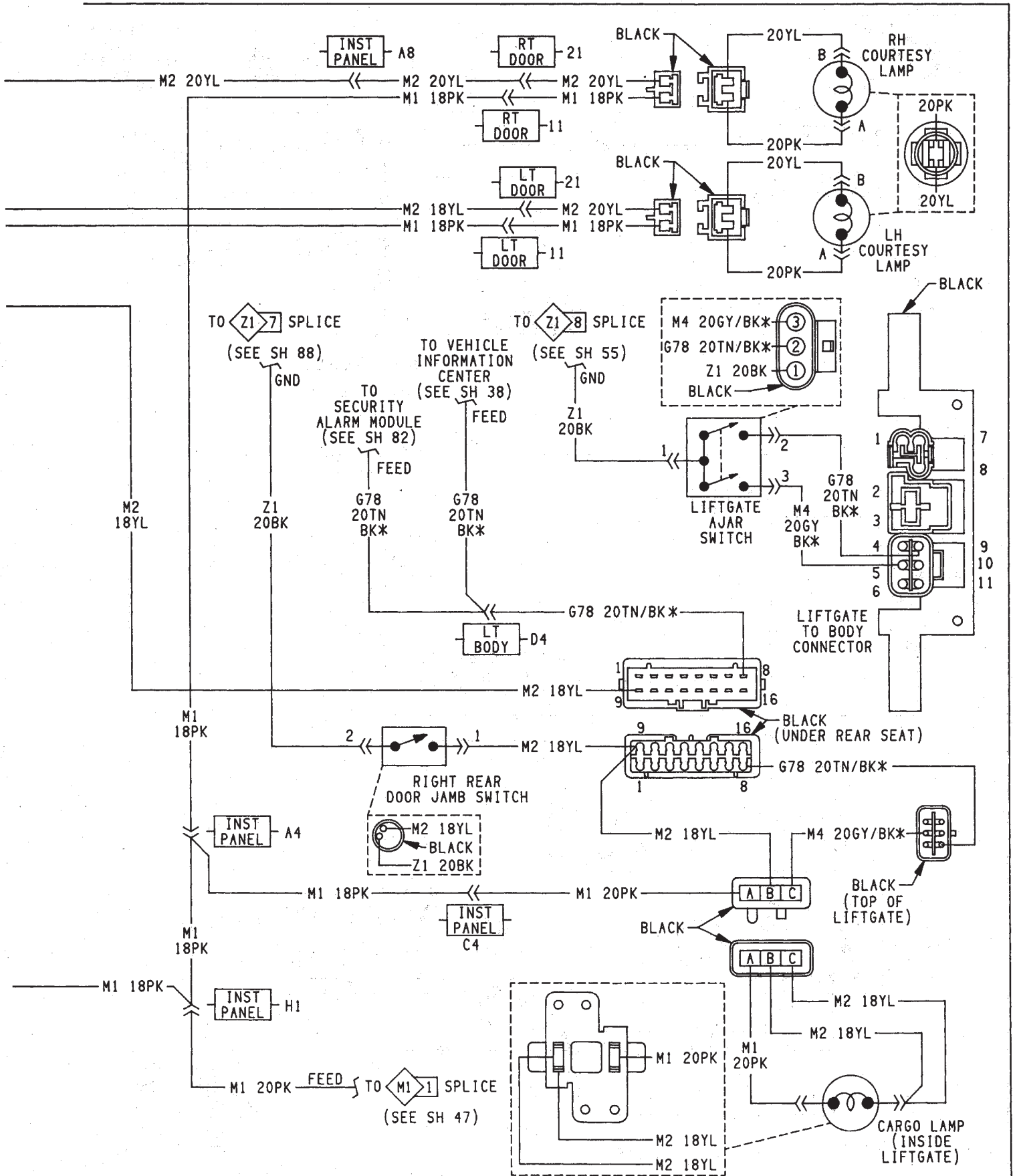


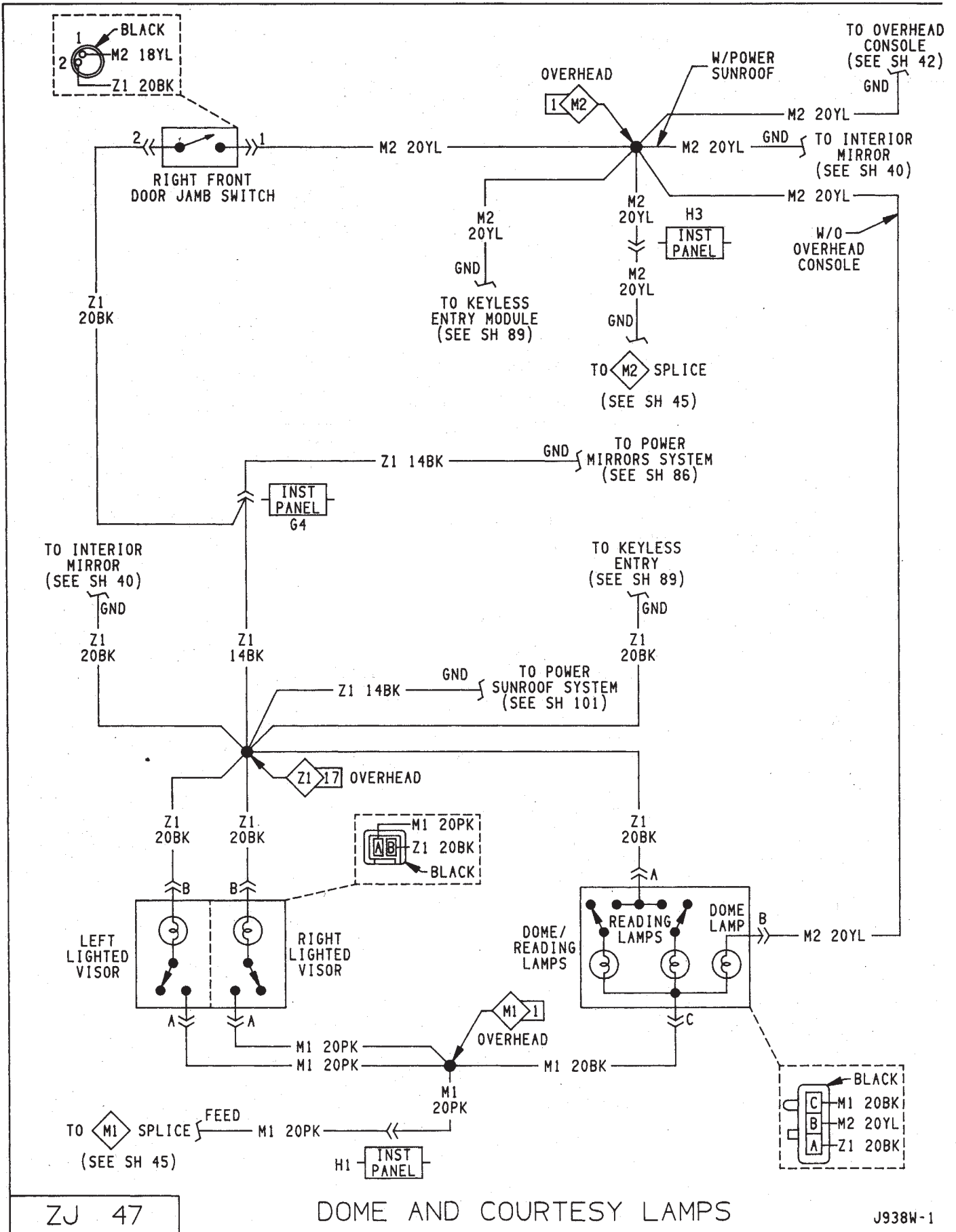


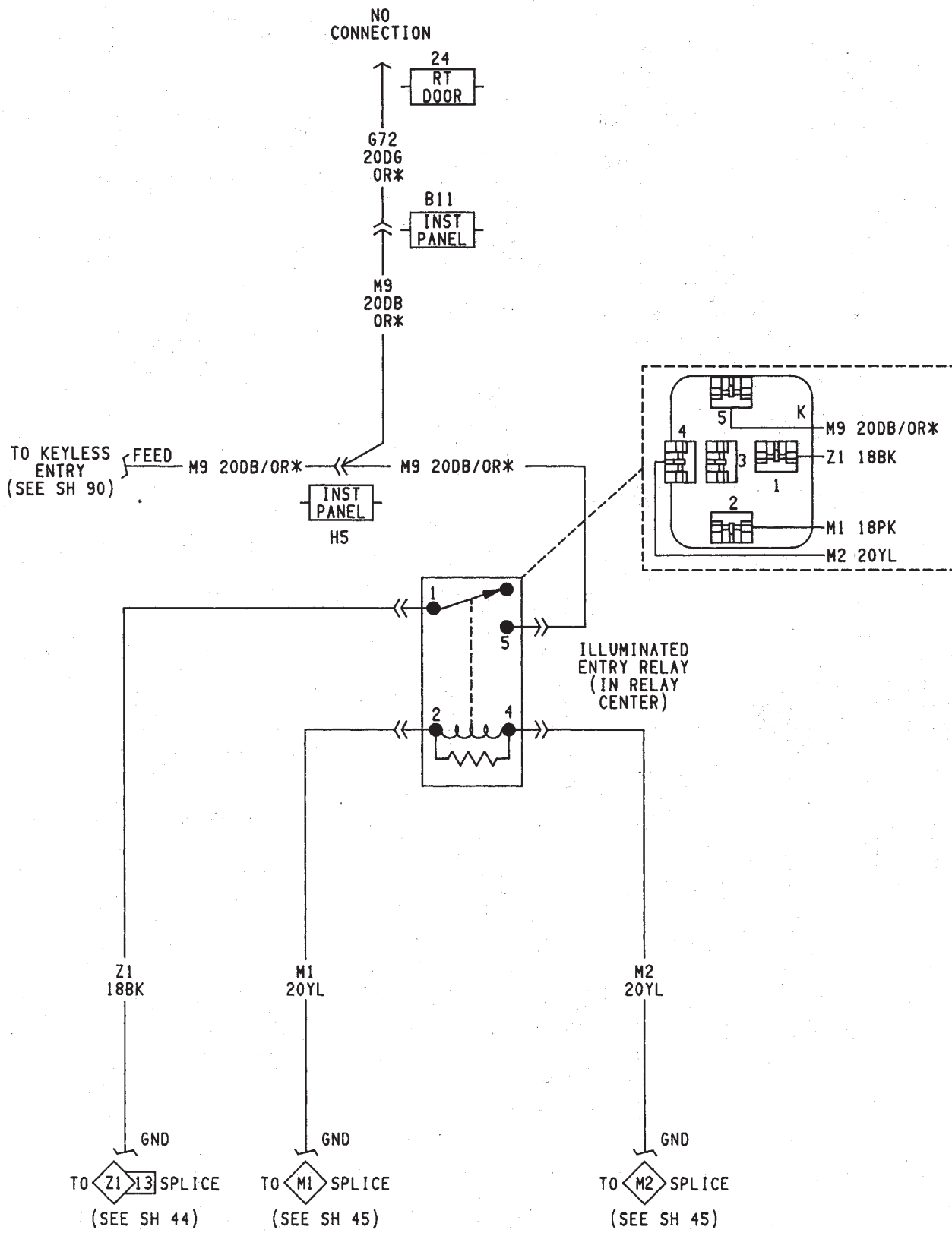
ZJ 45

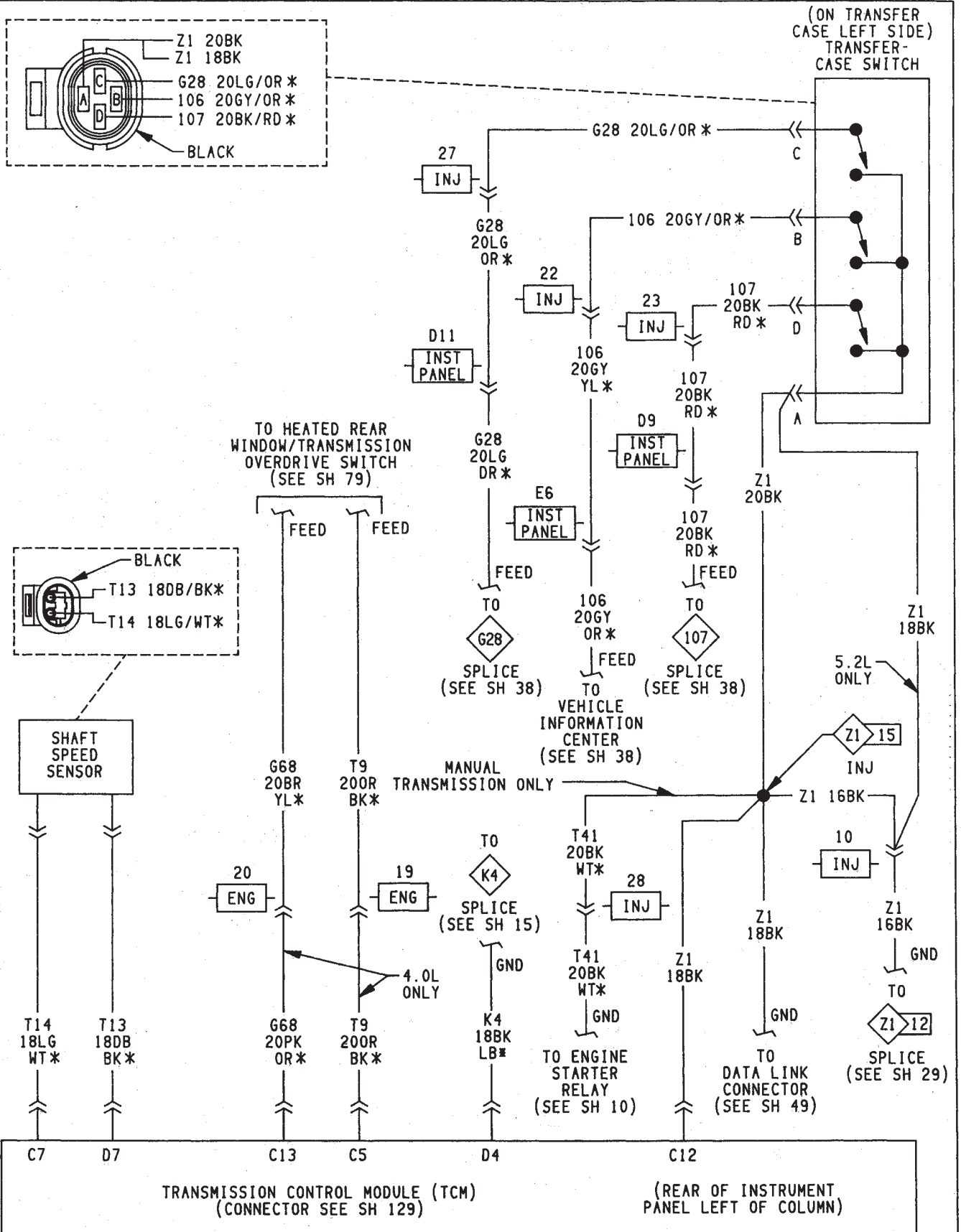
DOME AND COURTESY LAMPS

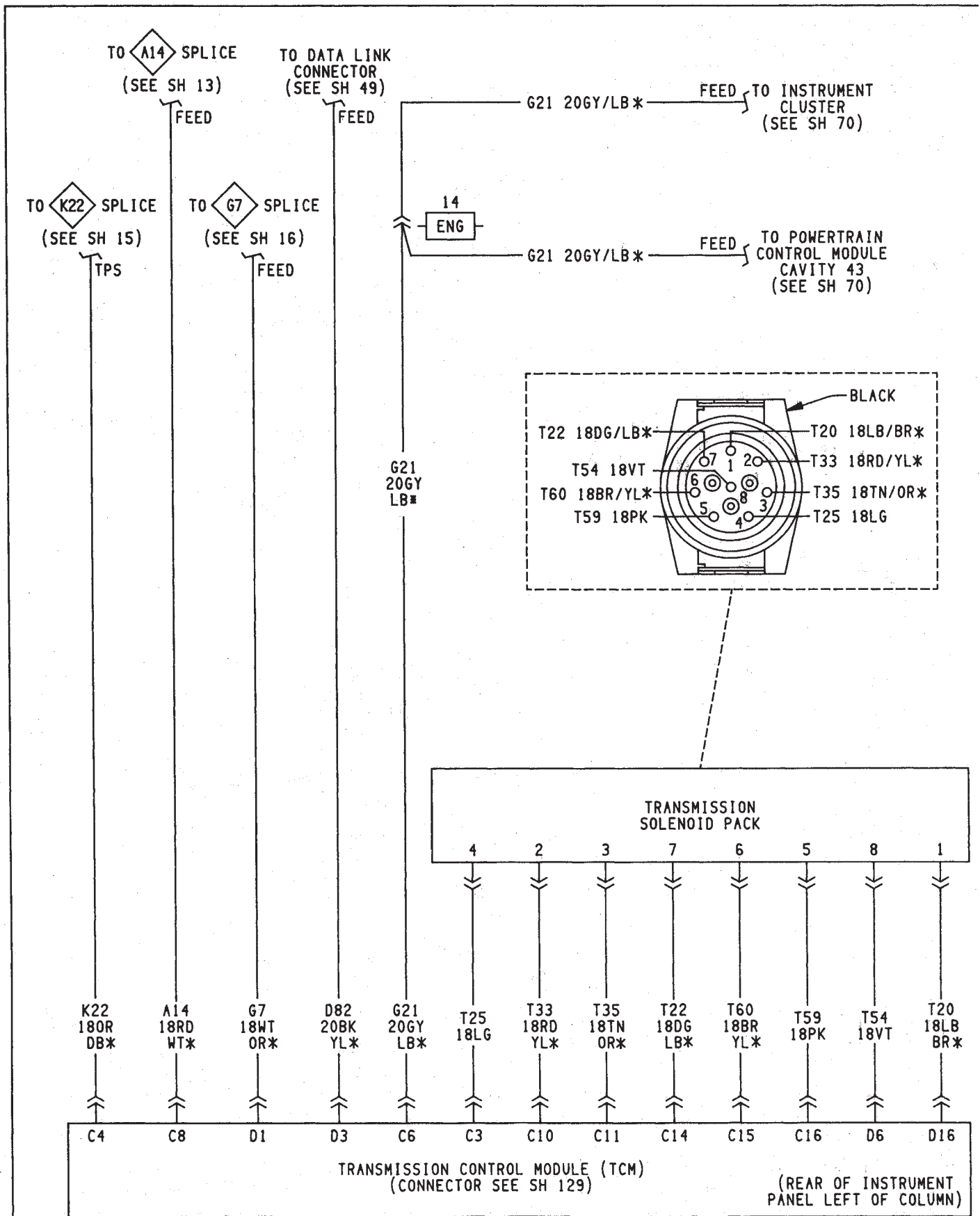
J938W-1

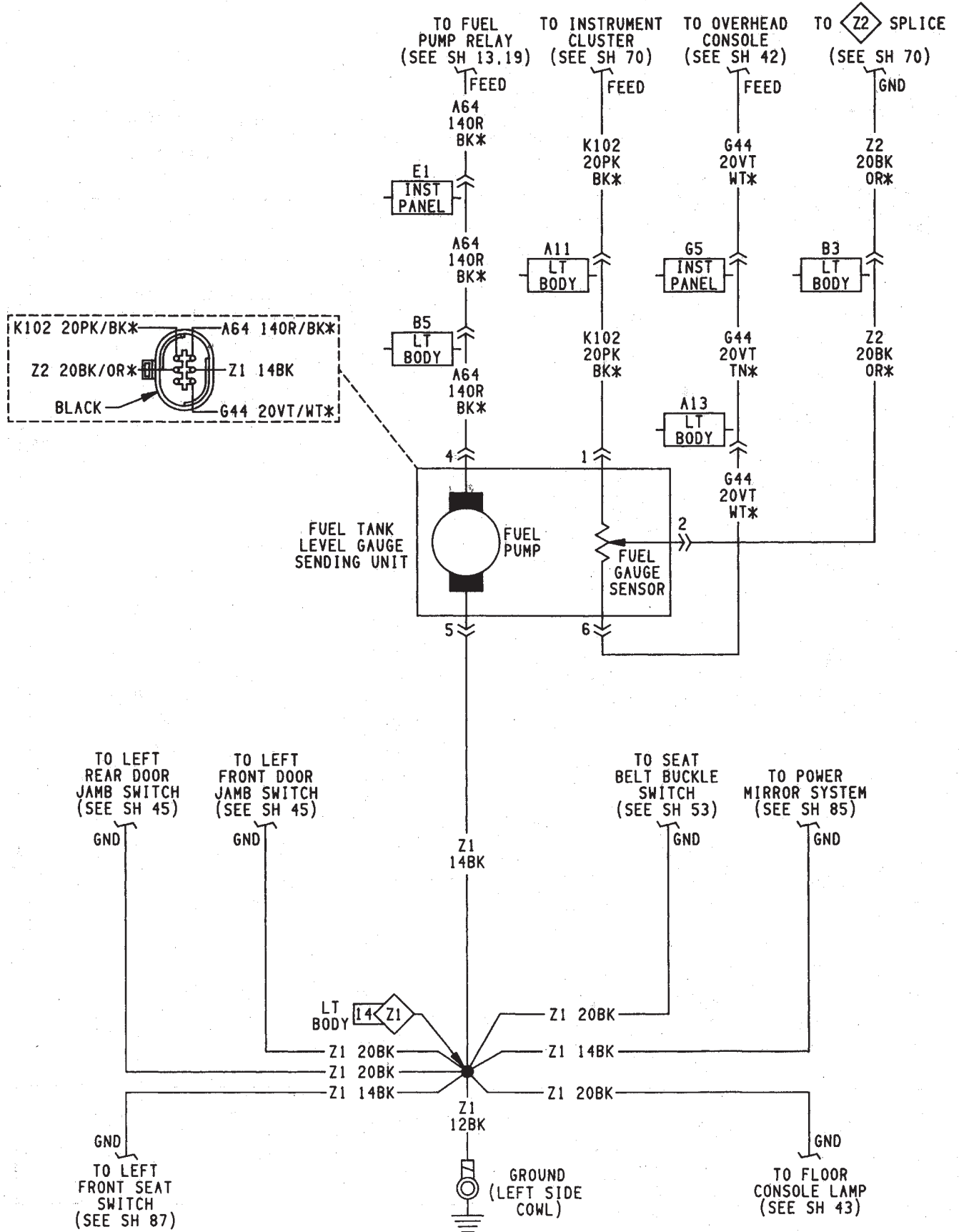


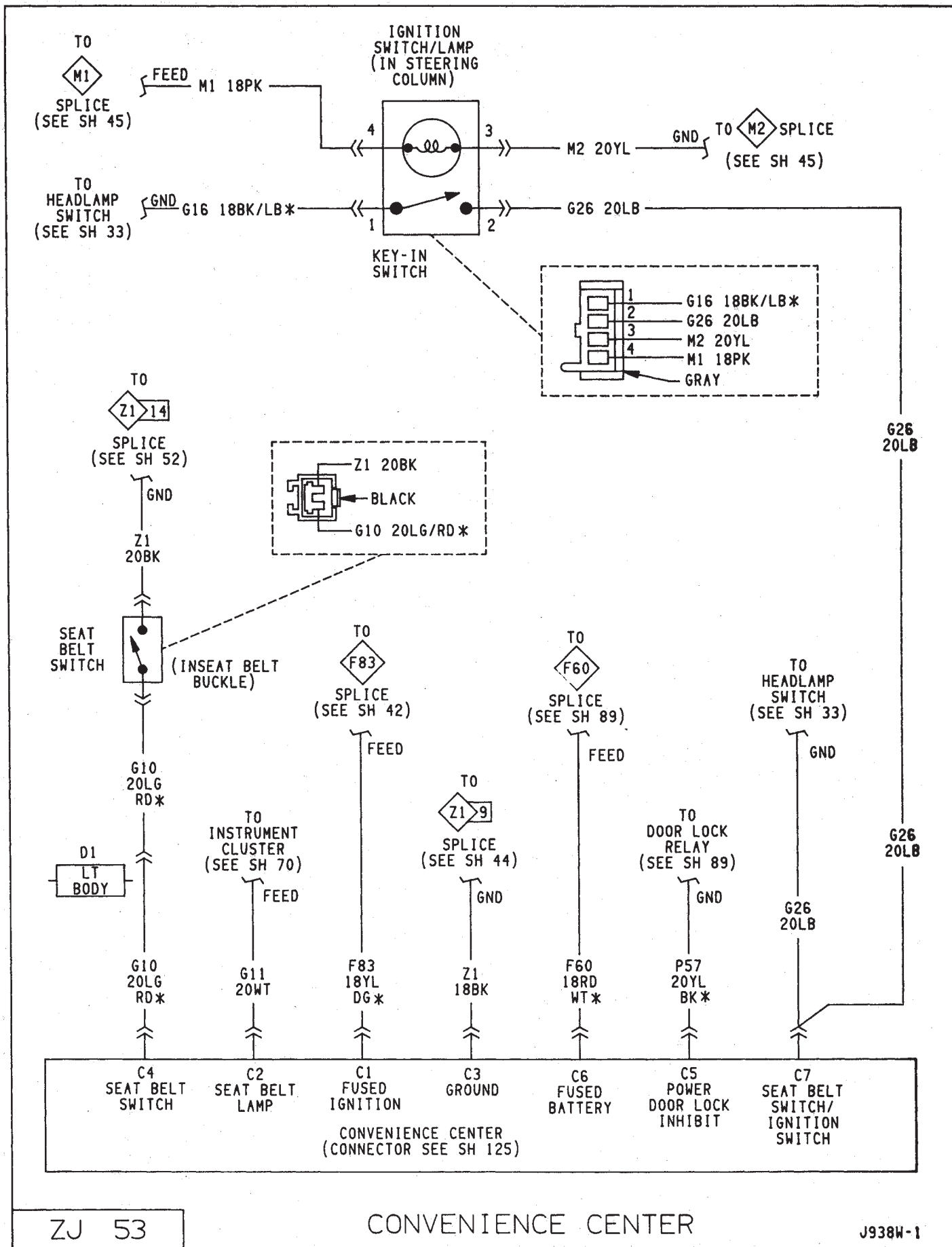








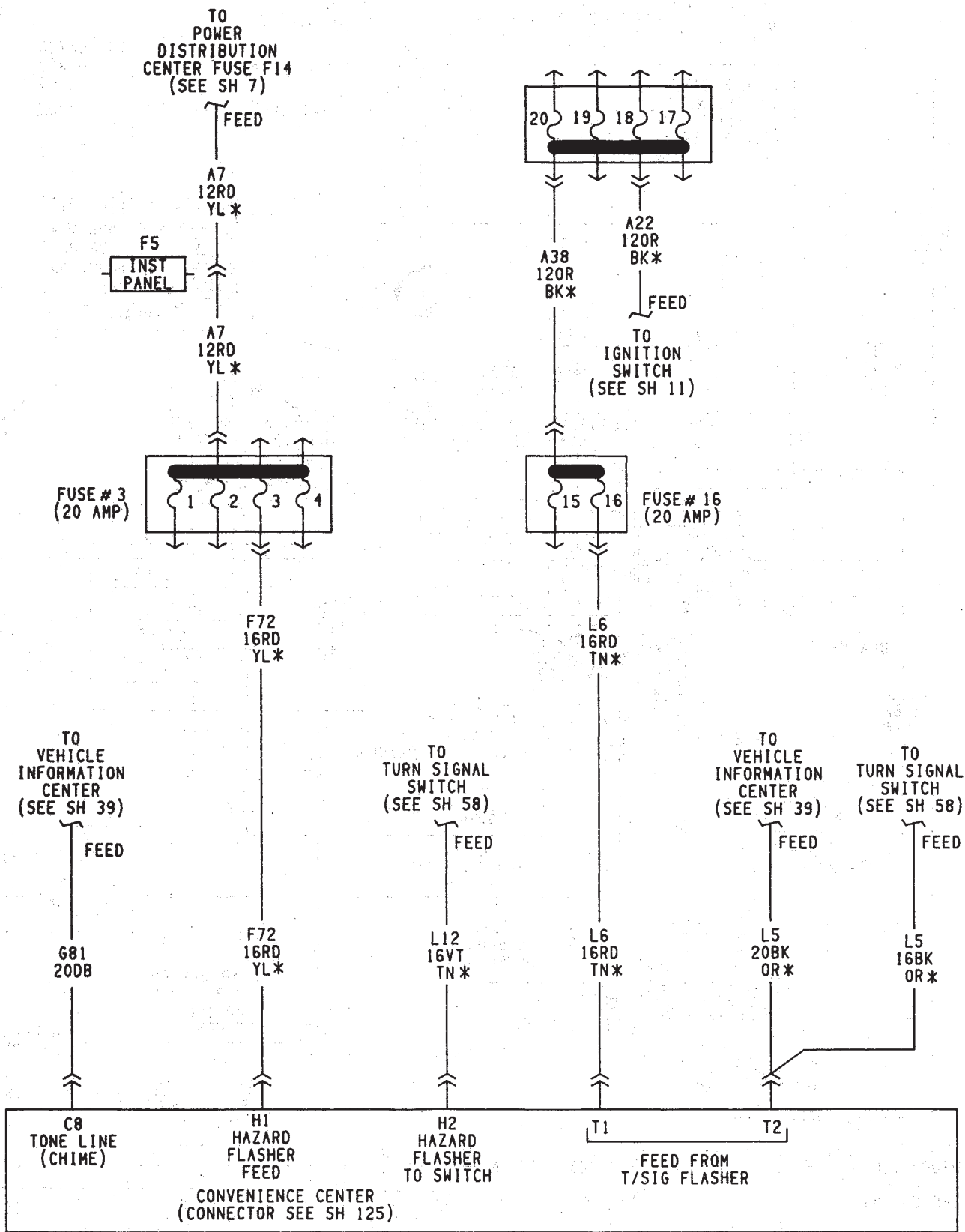


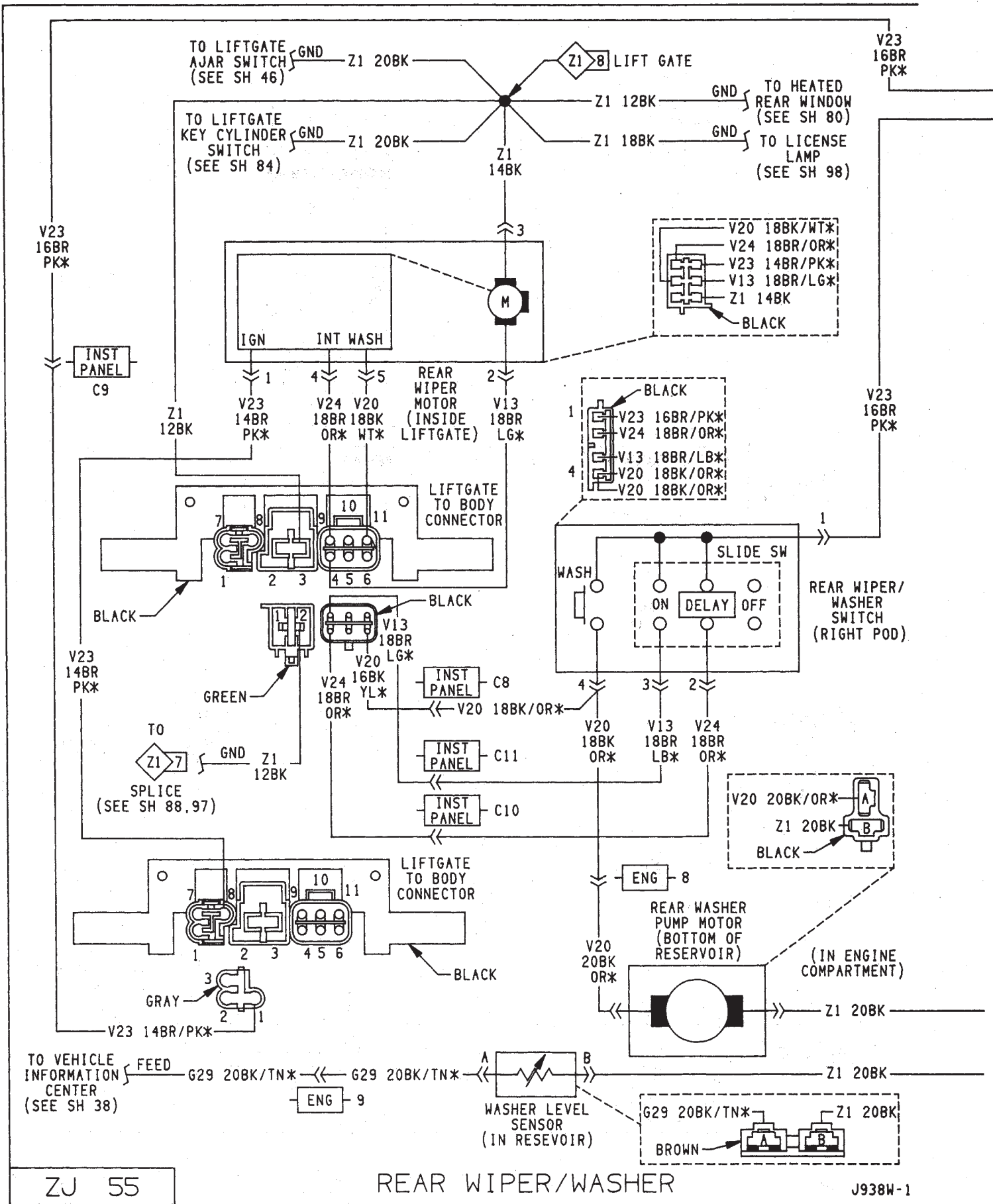


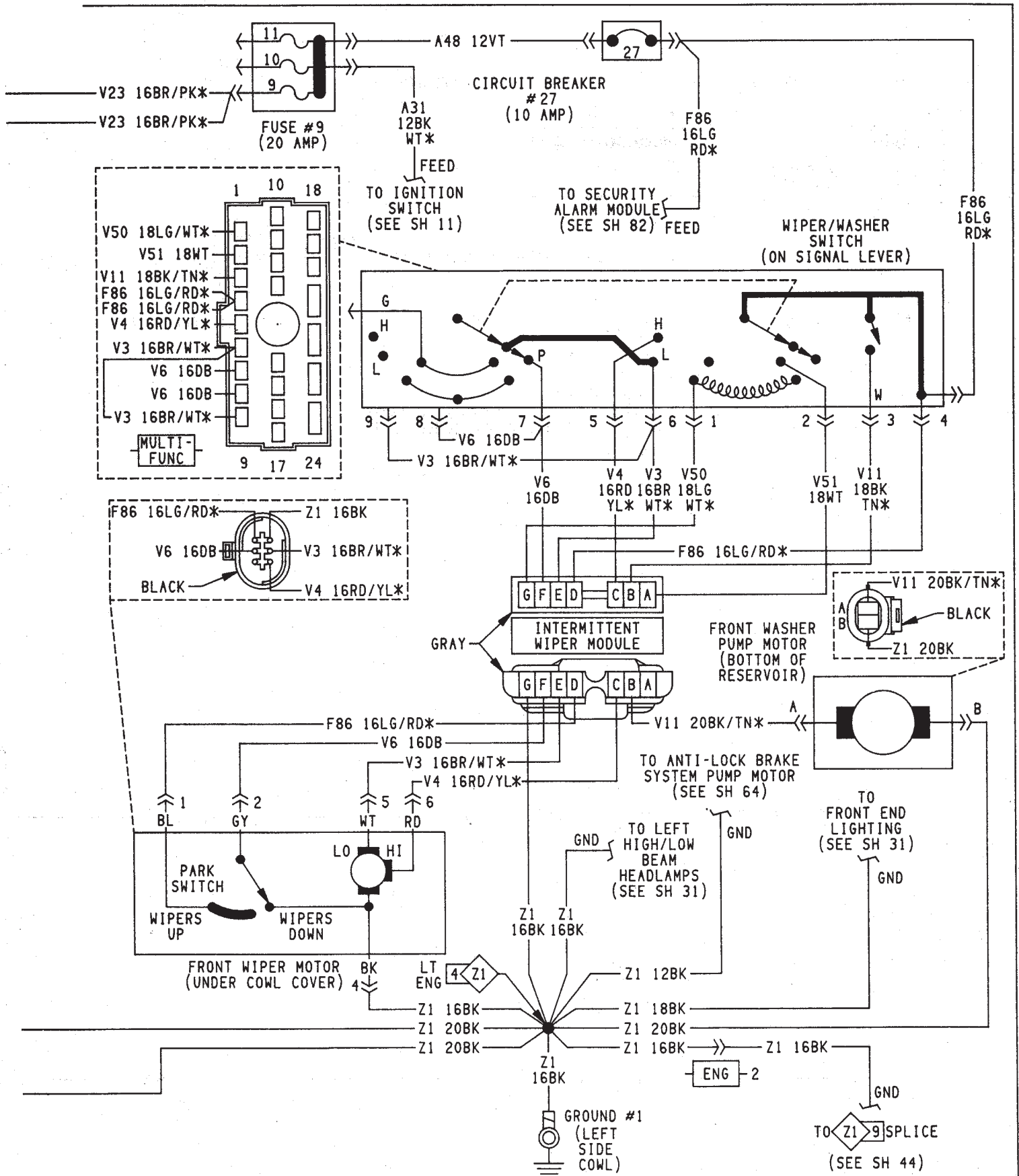
ZJ 53

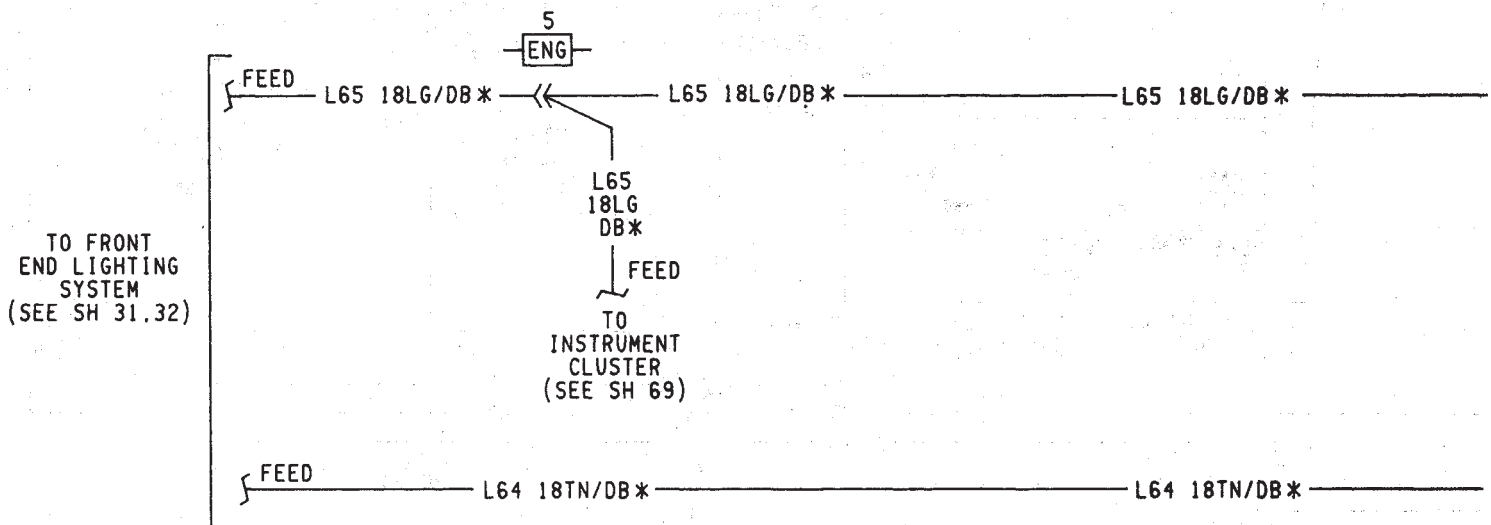
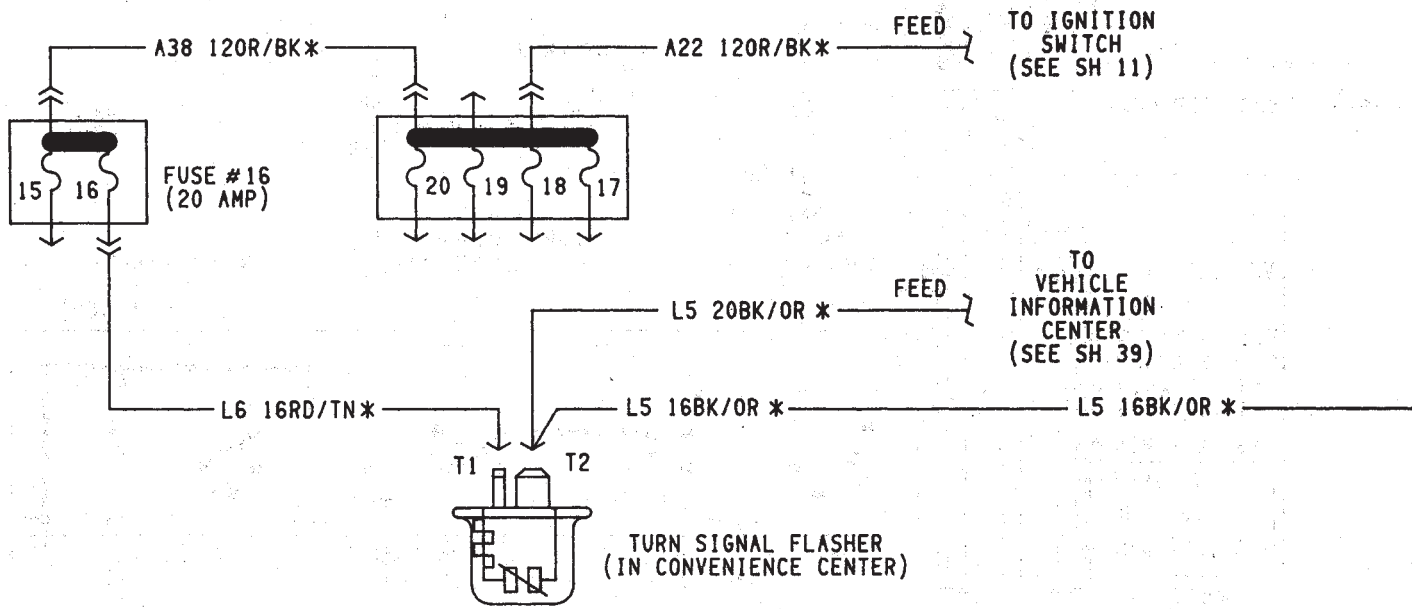
CONVENIENCE CENTER

J938W-1

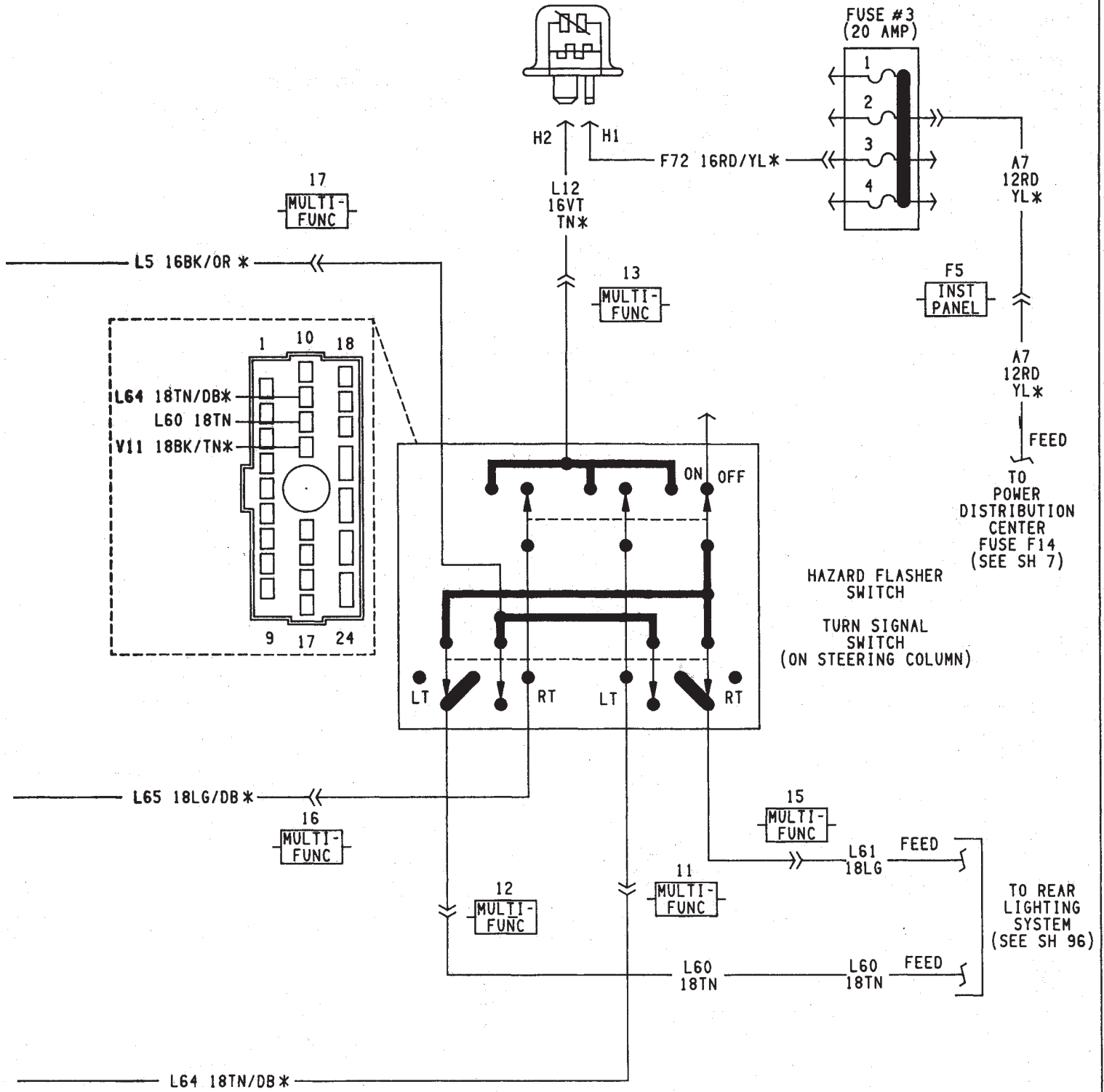


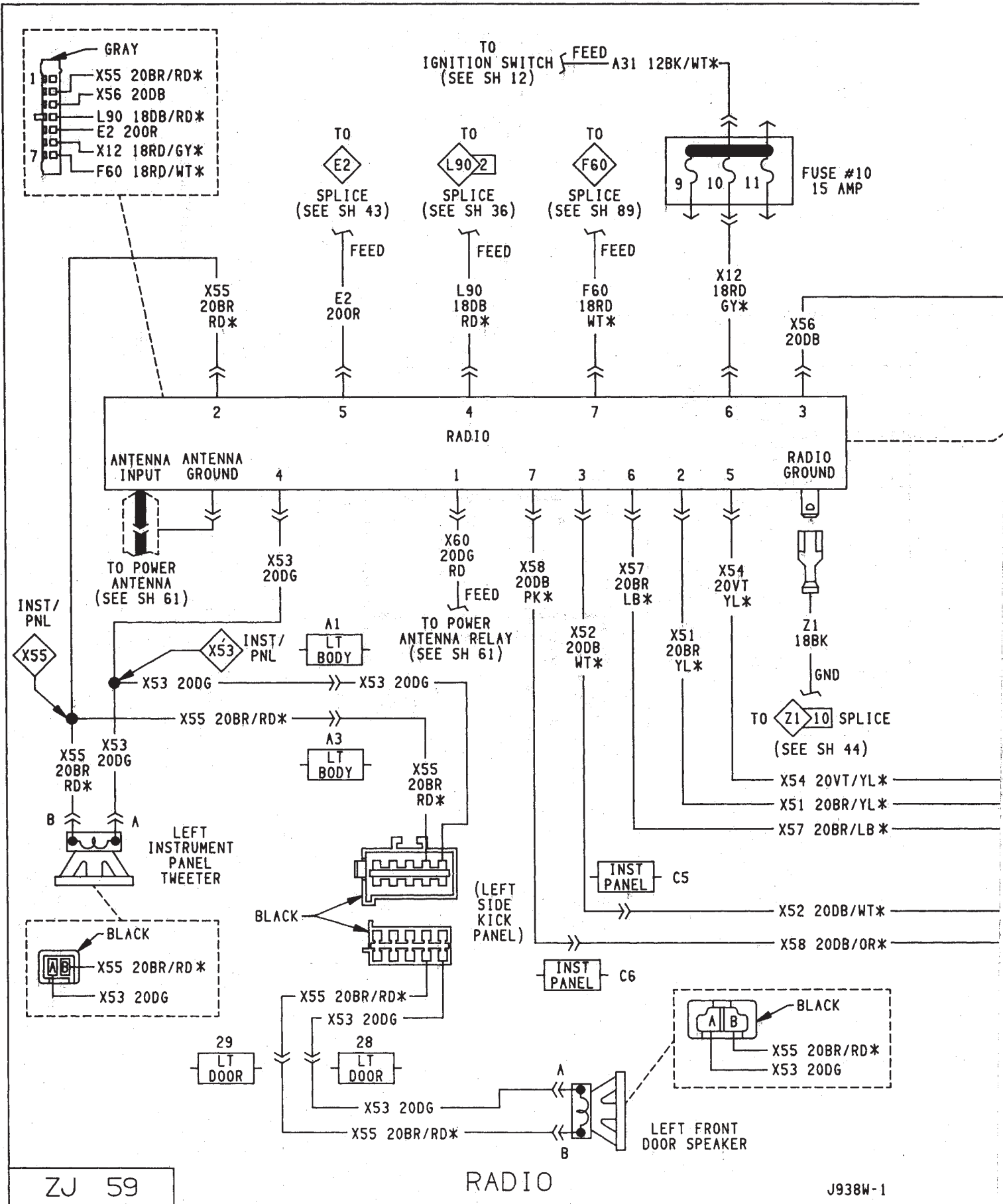


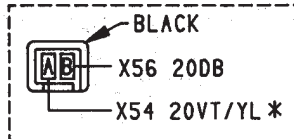
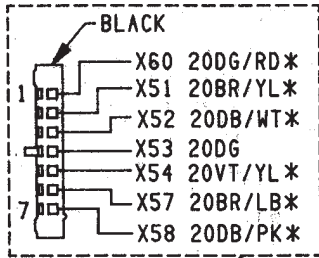




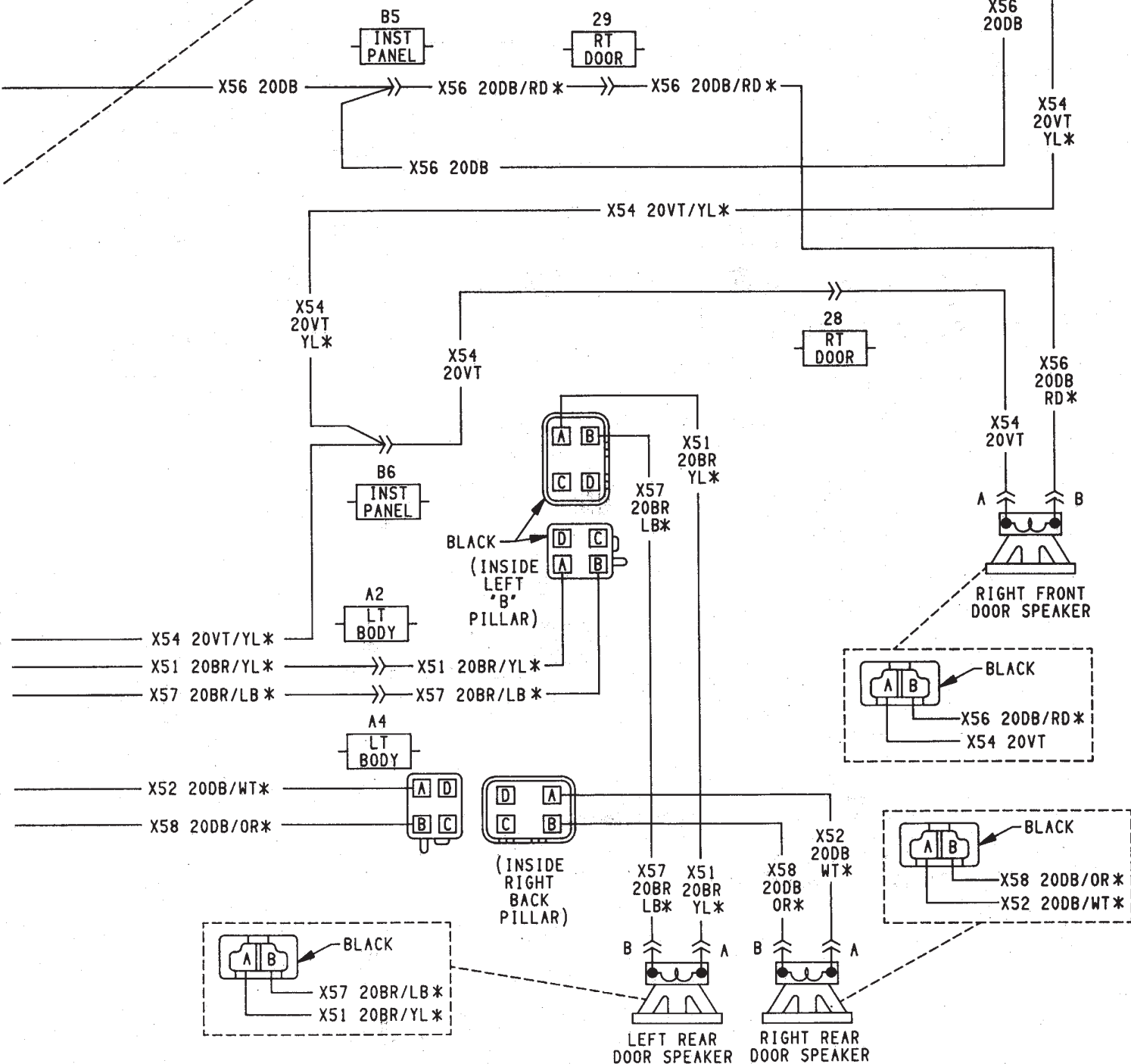
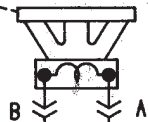
HAZARD FLASHER
(IN CONVENIENCE CENTER)

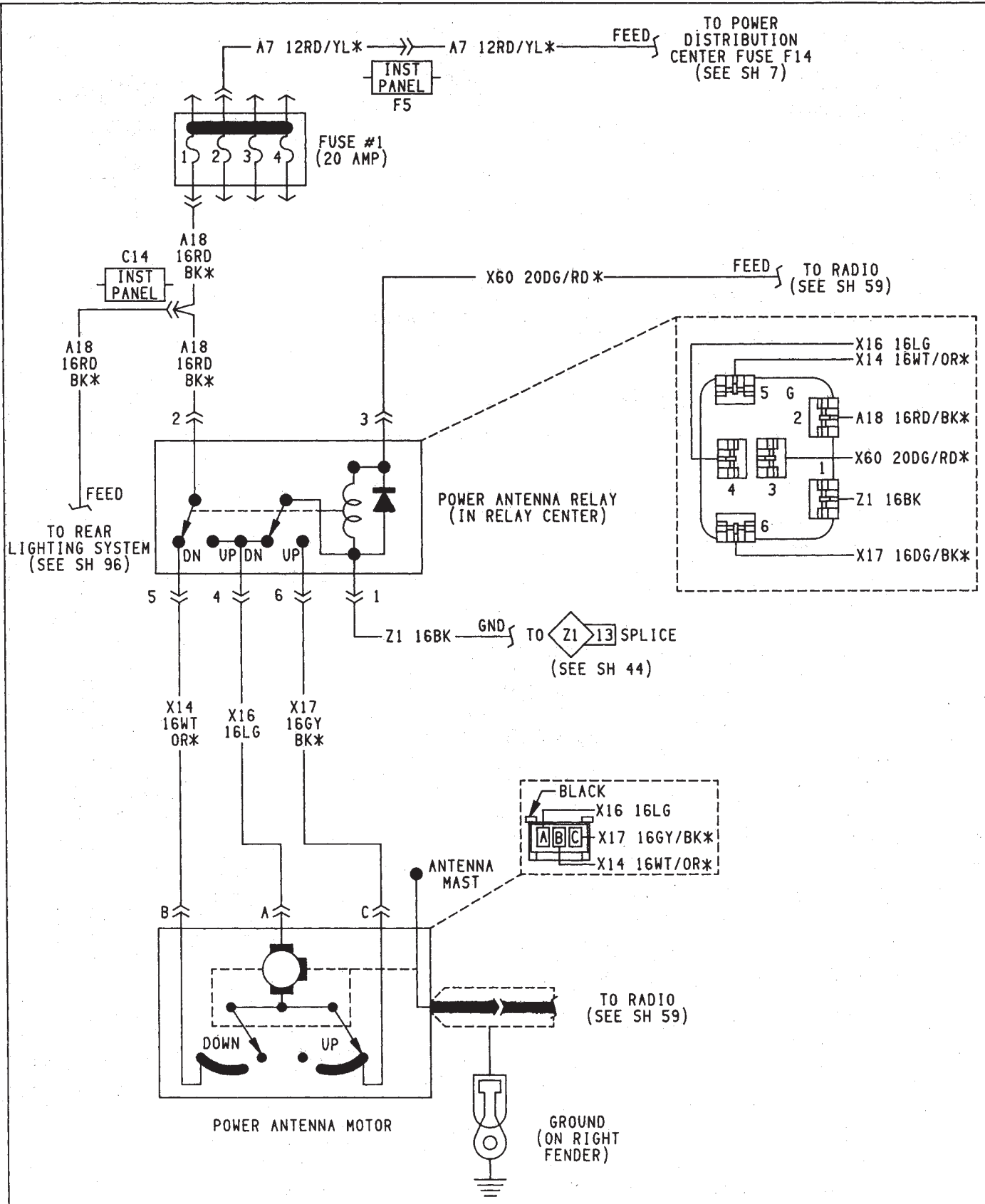






RIGHT INSTRUMENT PANEL TWEETER





TO POWER DISTRIBUTION CENTER FUSE F14 (SEE SH 7)

TO RADIO (SEE SH 59)

TO REAR LIGHTING SYSTEM (SEE SH 96)

POWER ANTENNA RELAY (IN RELAY CENTER)

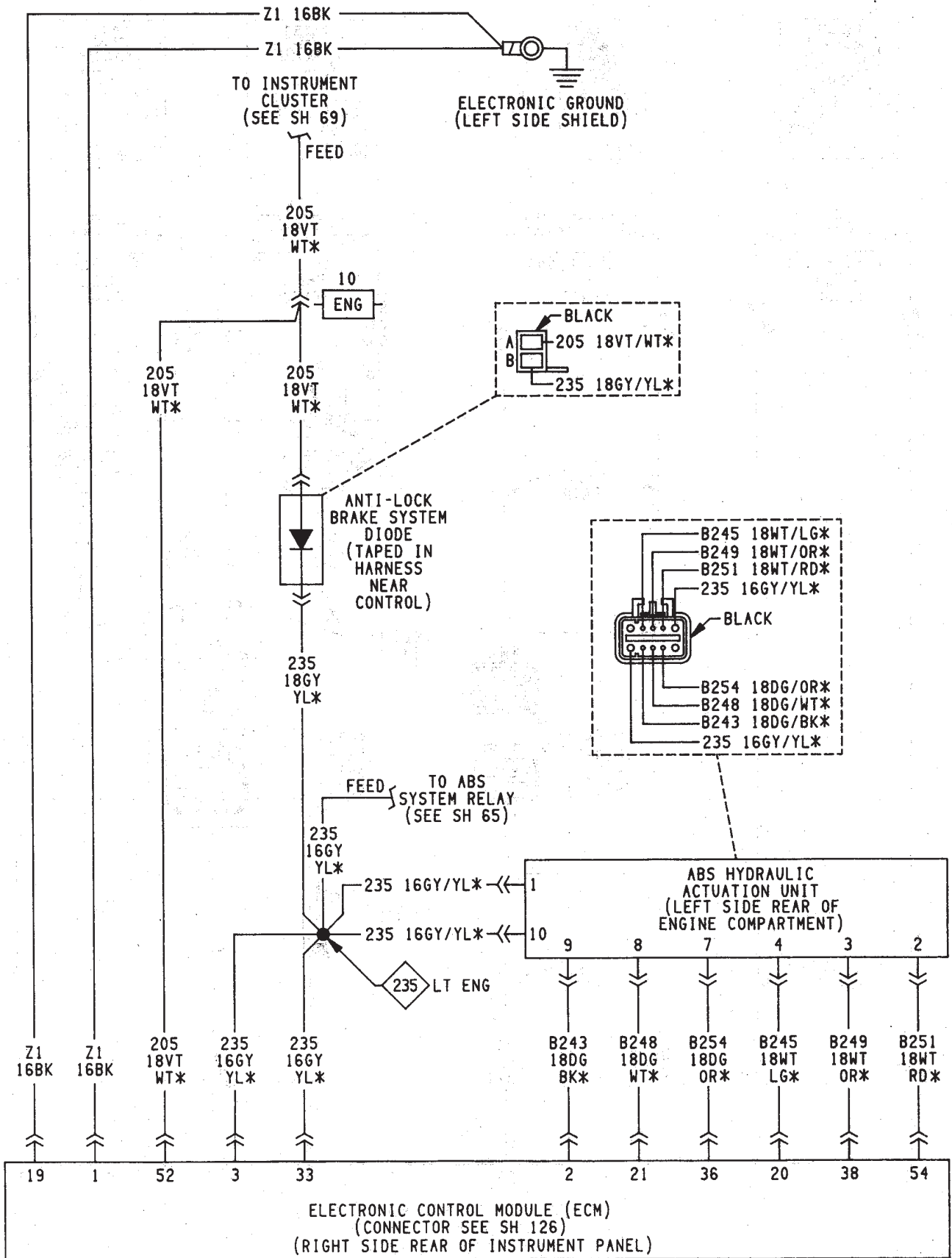
Z1 16BK → GND → TO Z1 13 SPLICE (SEE SH 44)

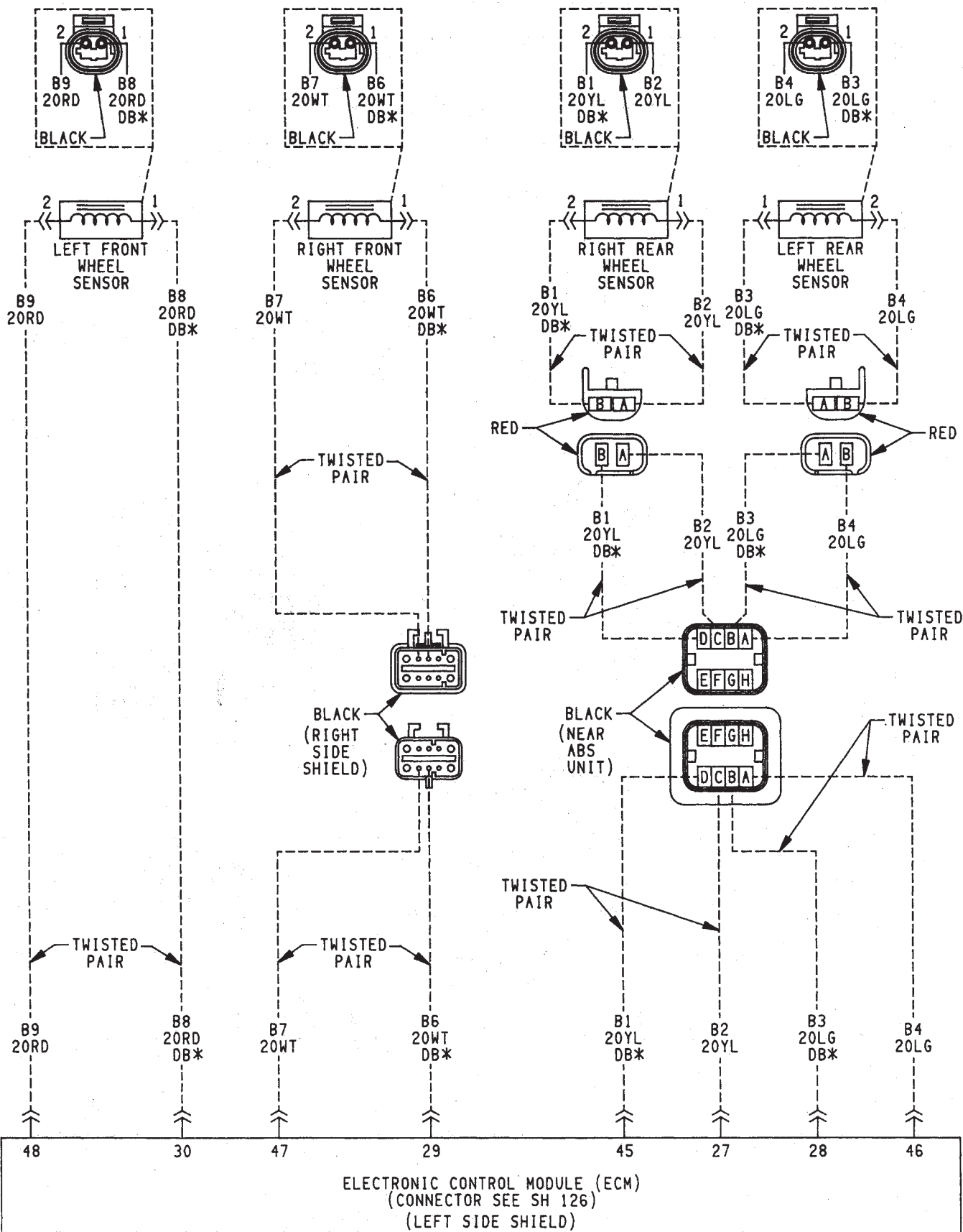
TO RADIO (SEE SH 59)

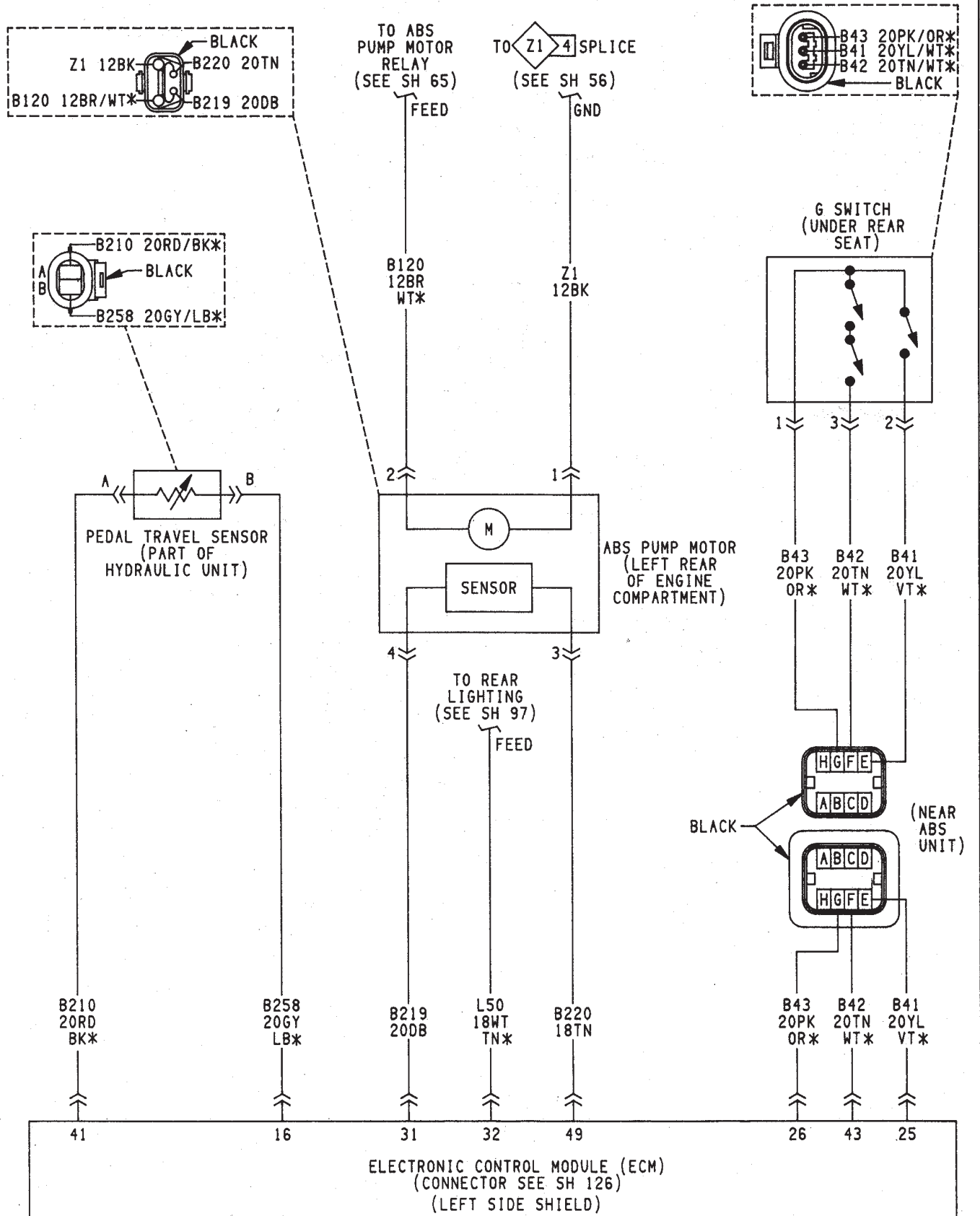
GROUND (ON RIGHT FENDER)

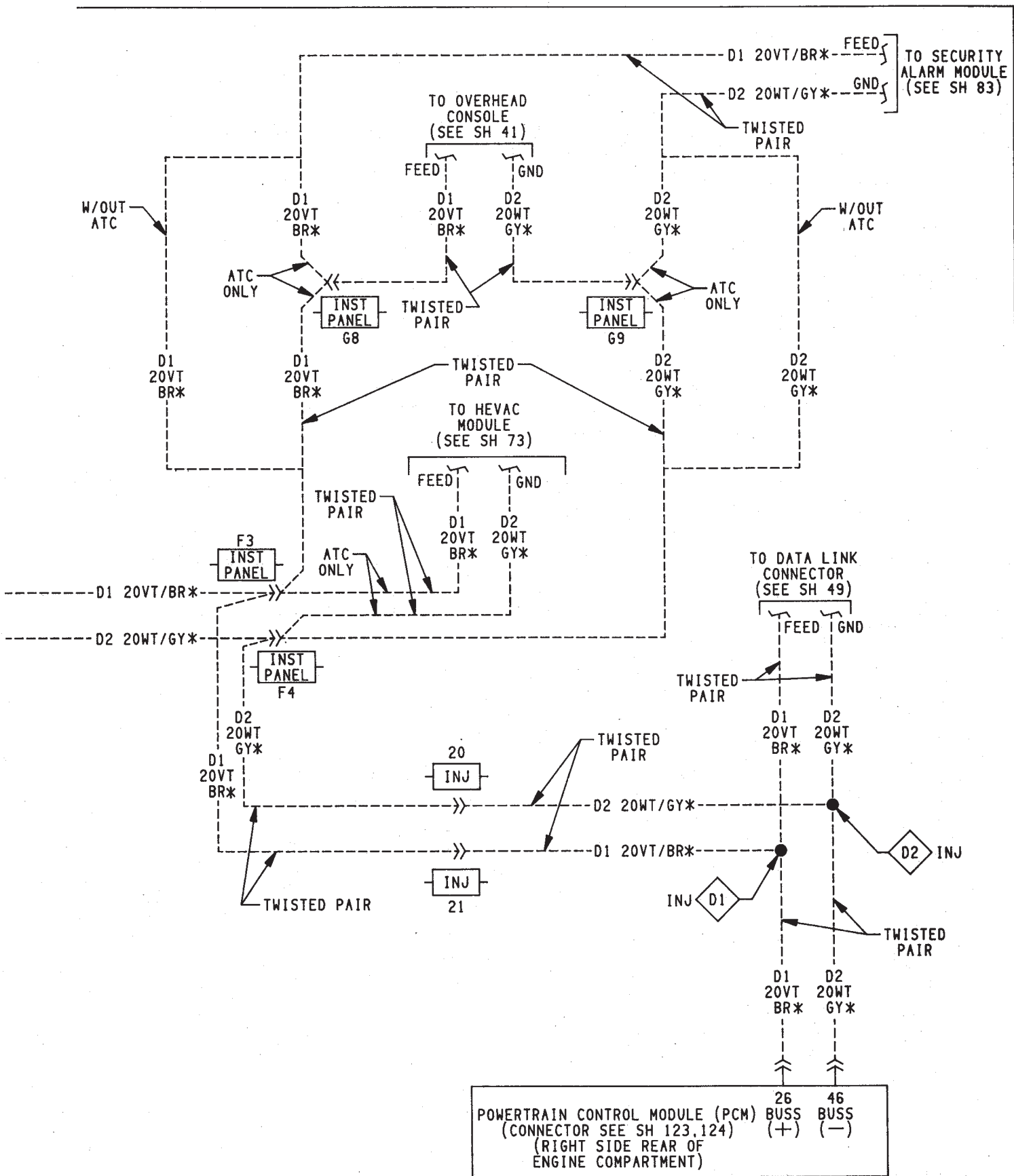
POWER ANTENNA MOTOR

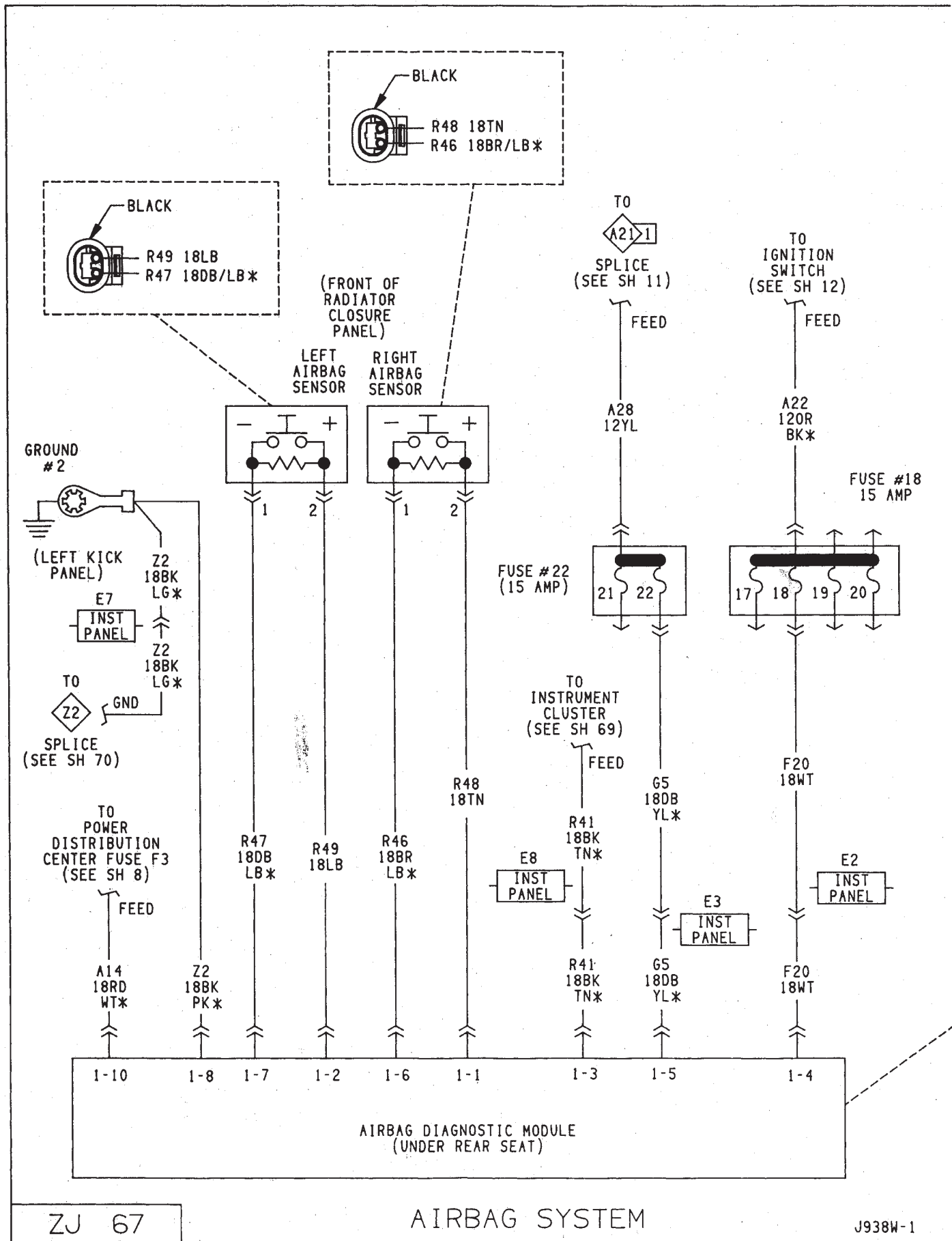
DOWN UP

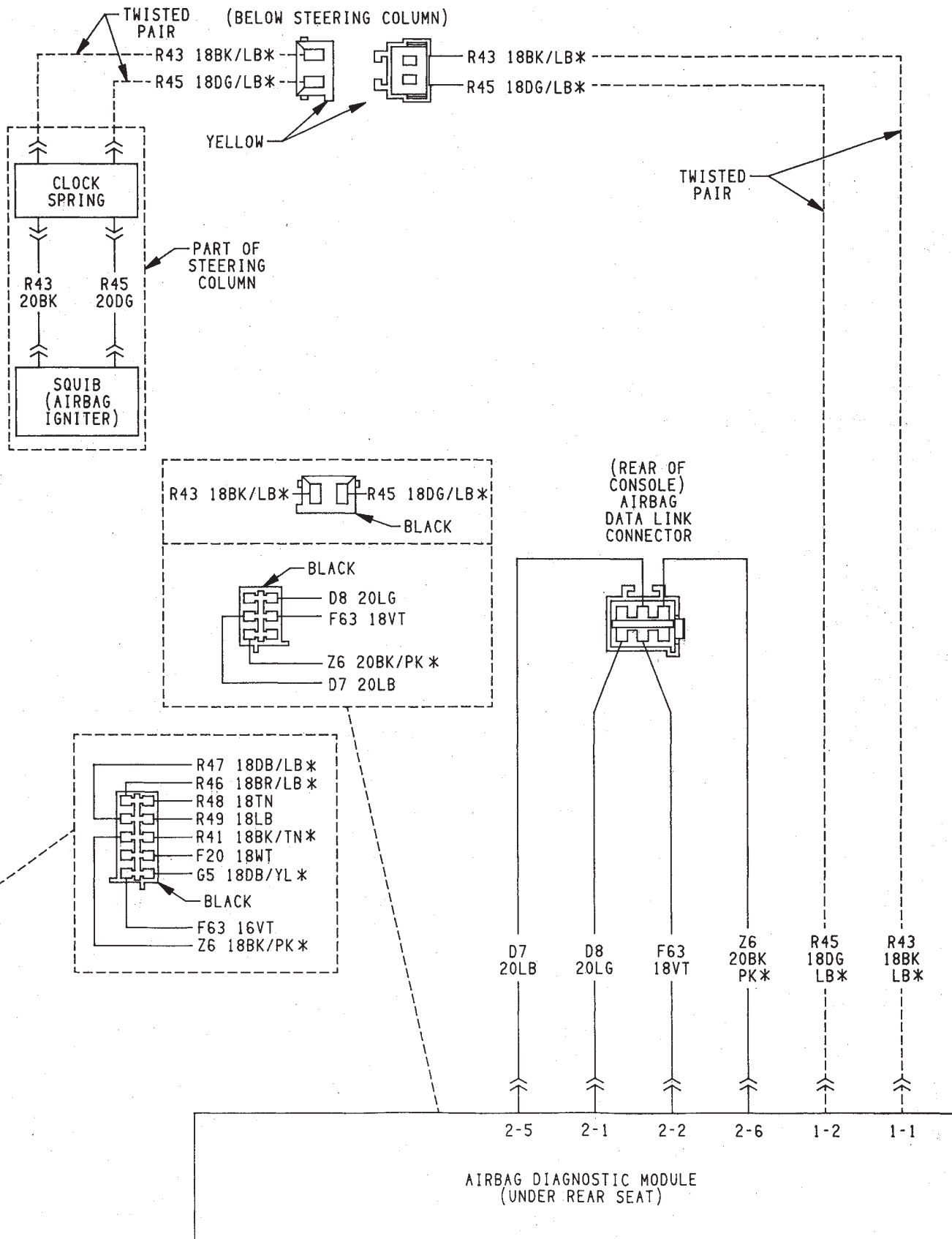


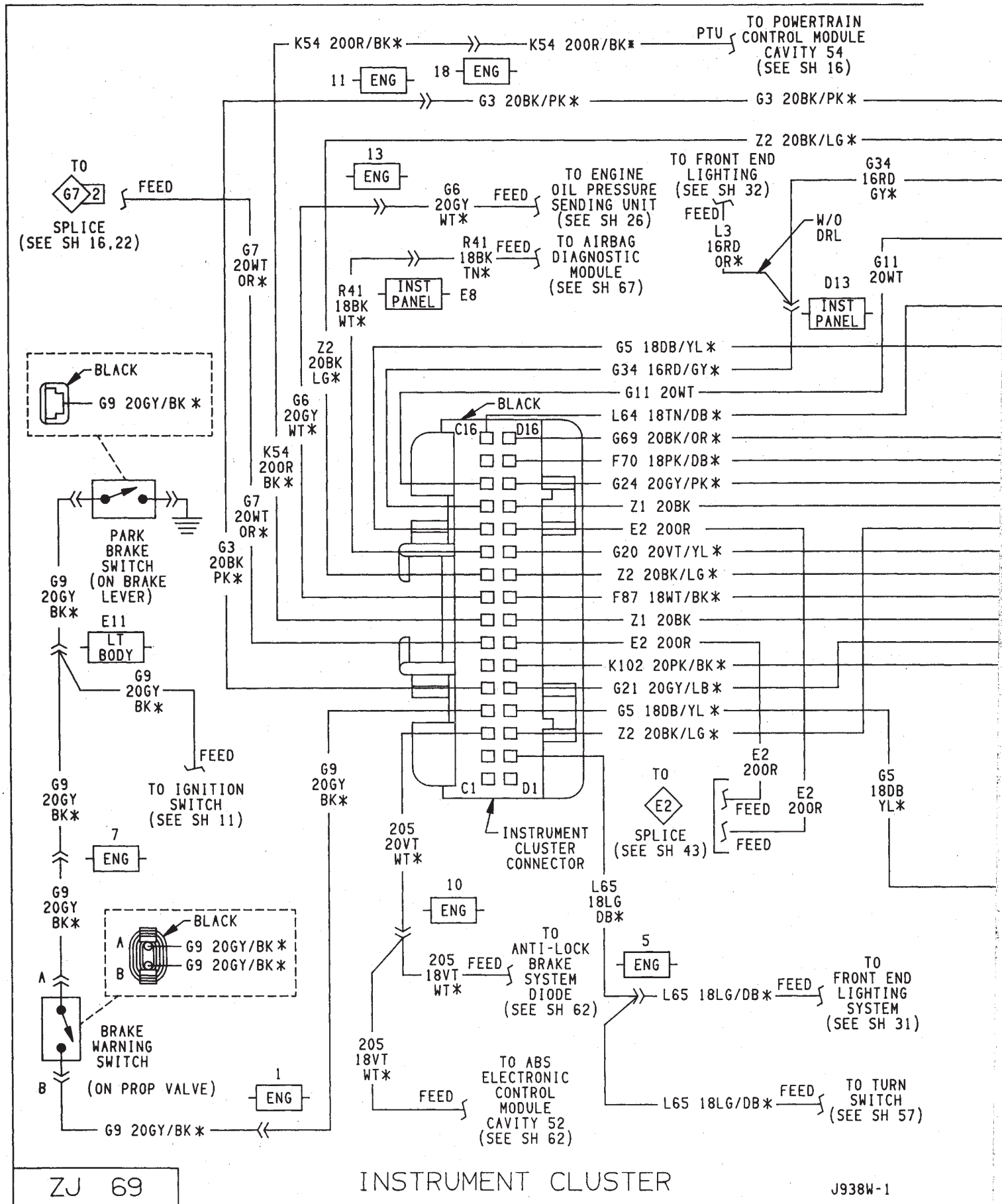






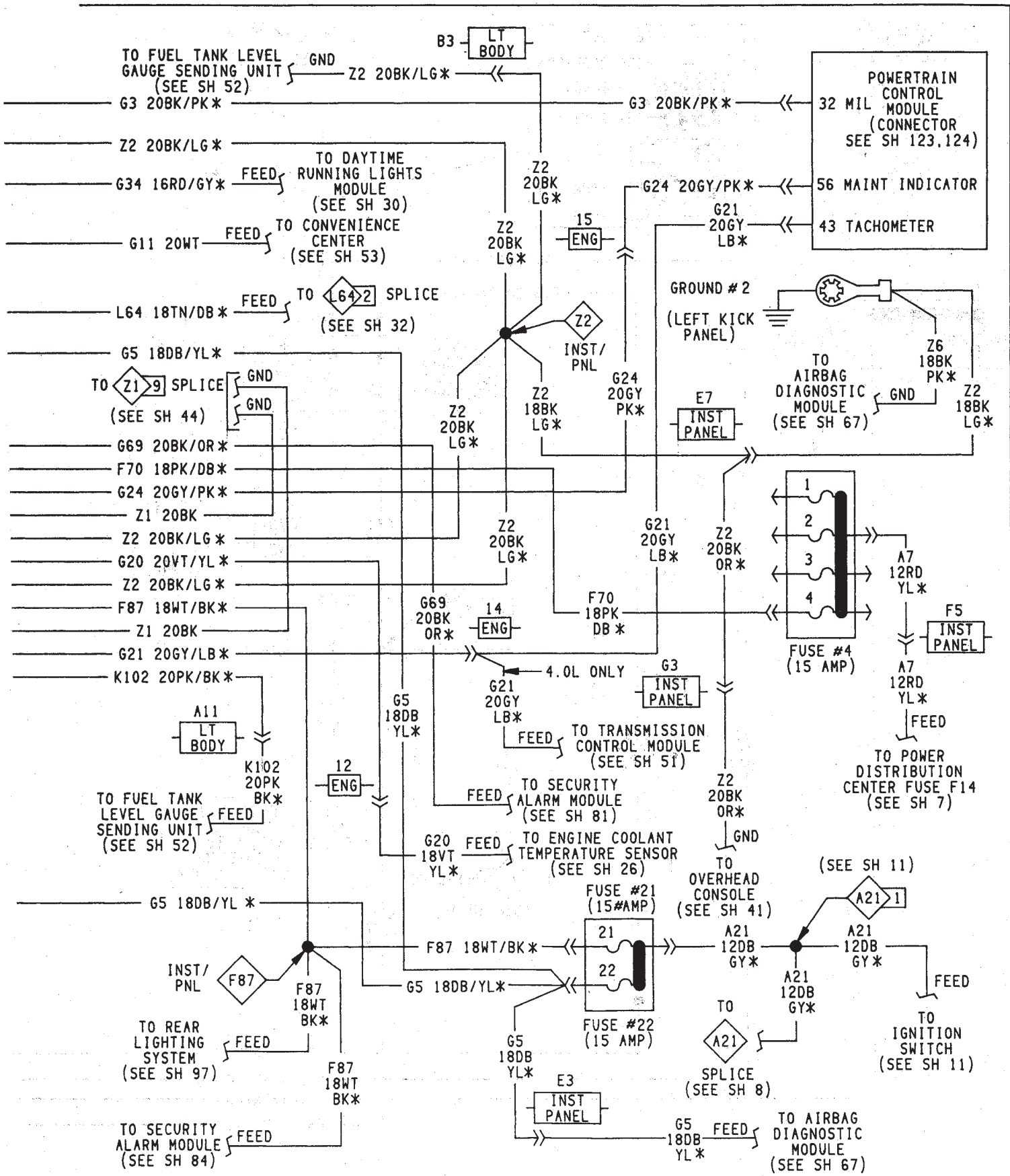




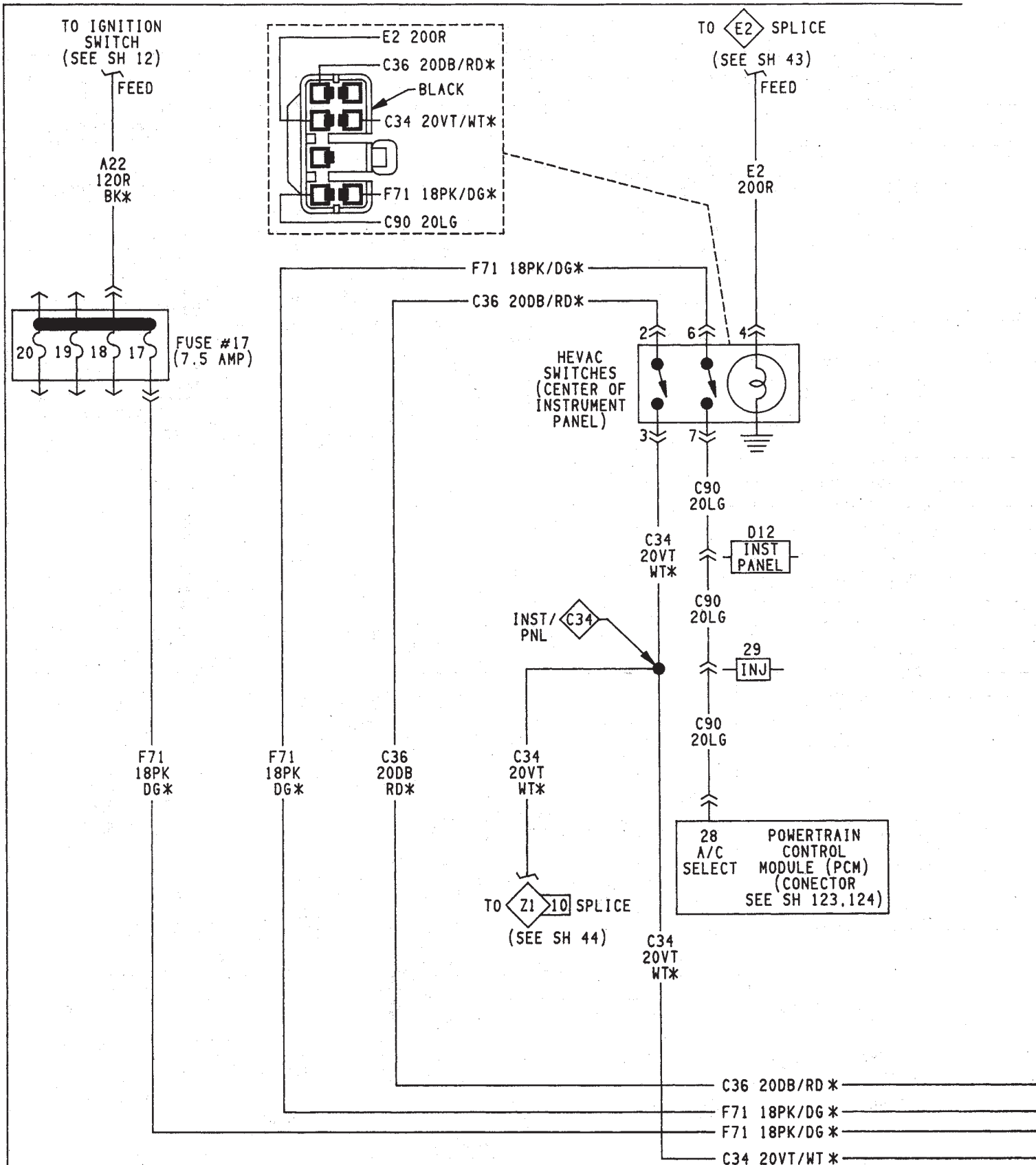


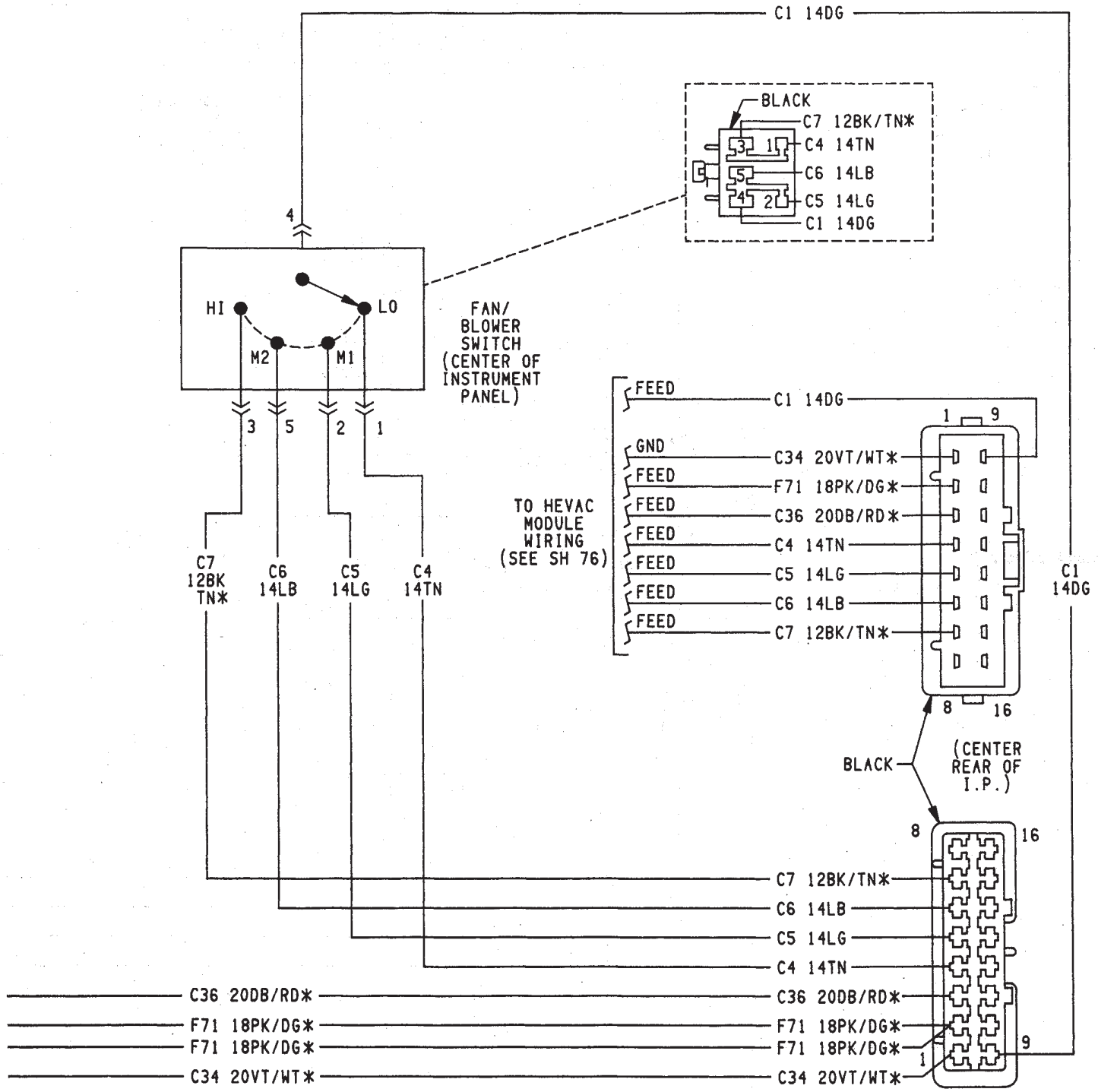
ZJ 69

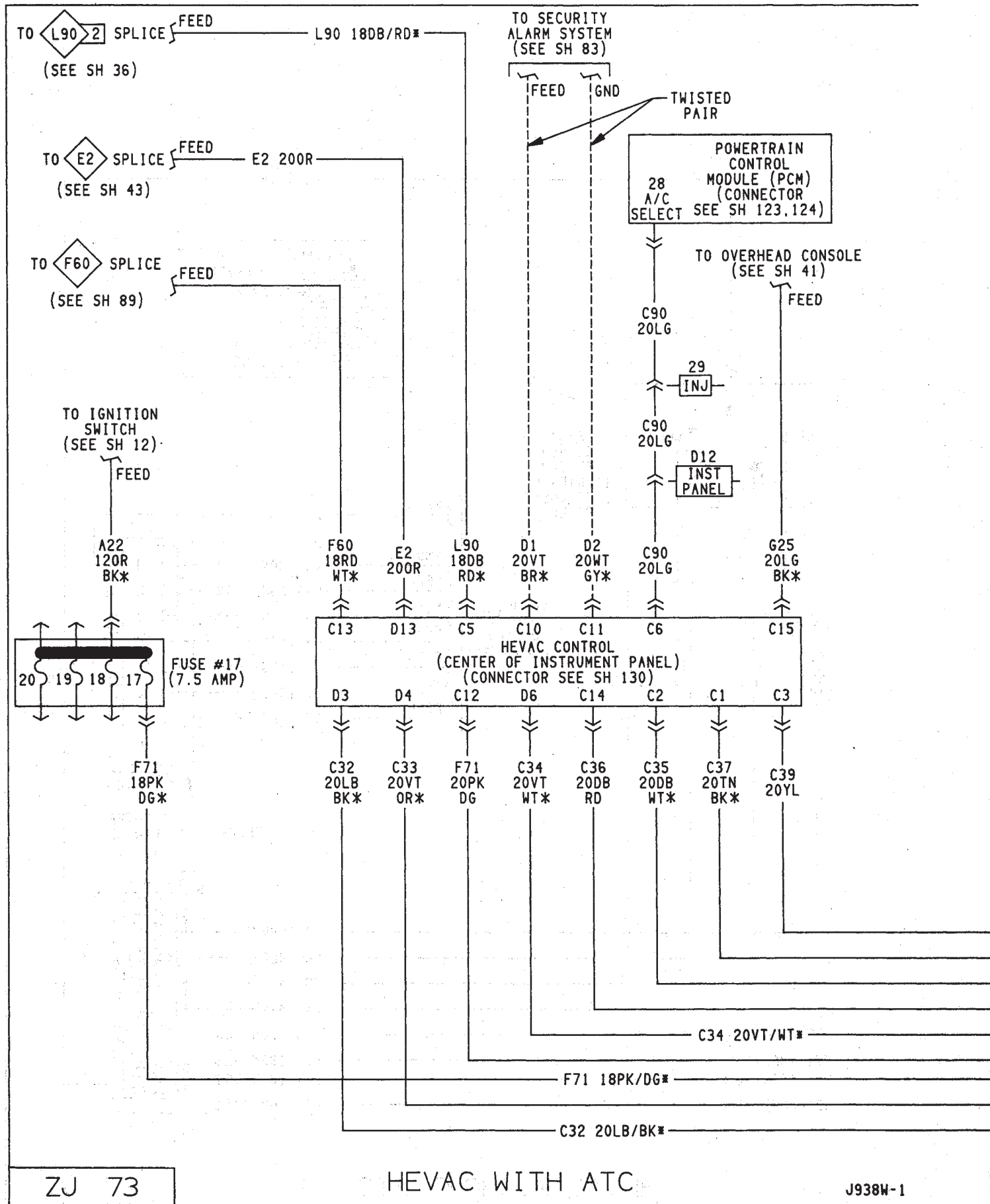
J938W-1



INSTRUMENT CLUSTER



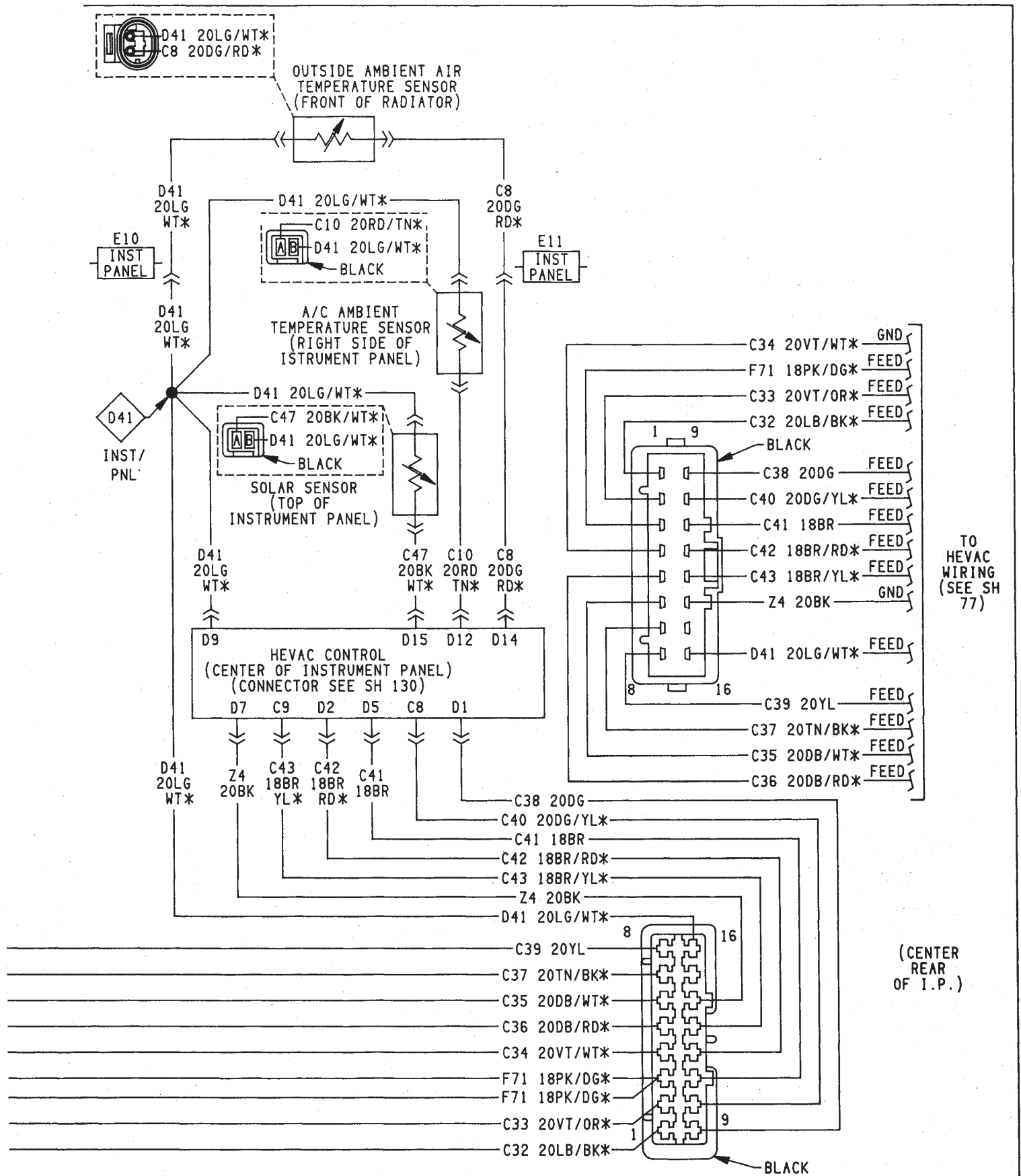


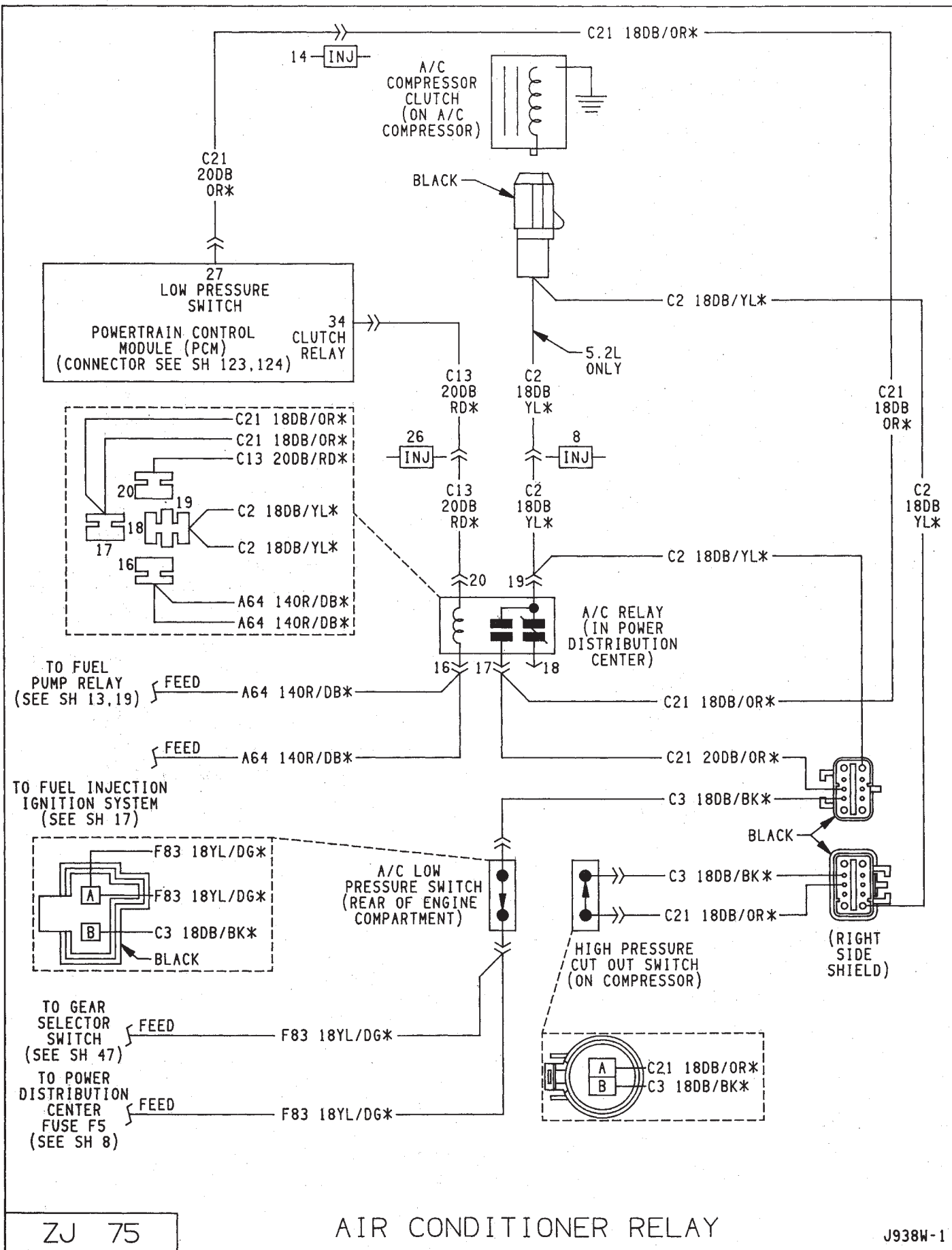


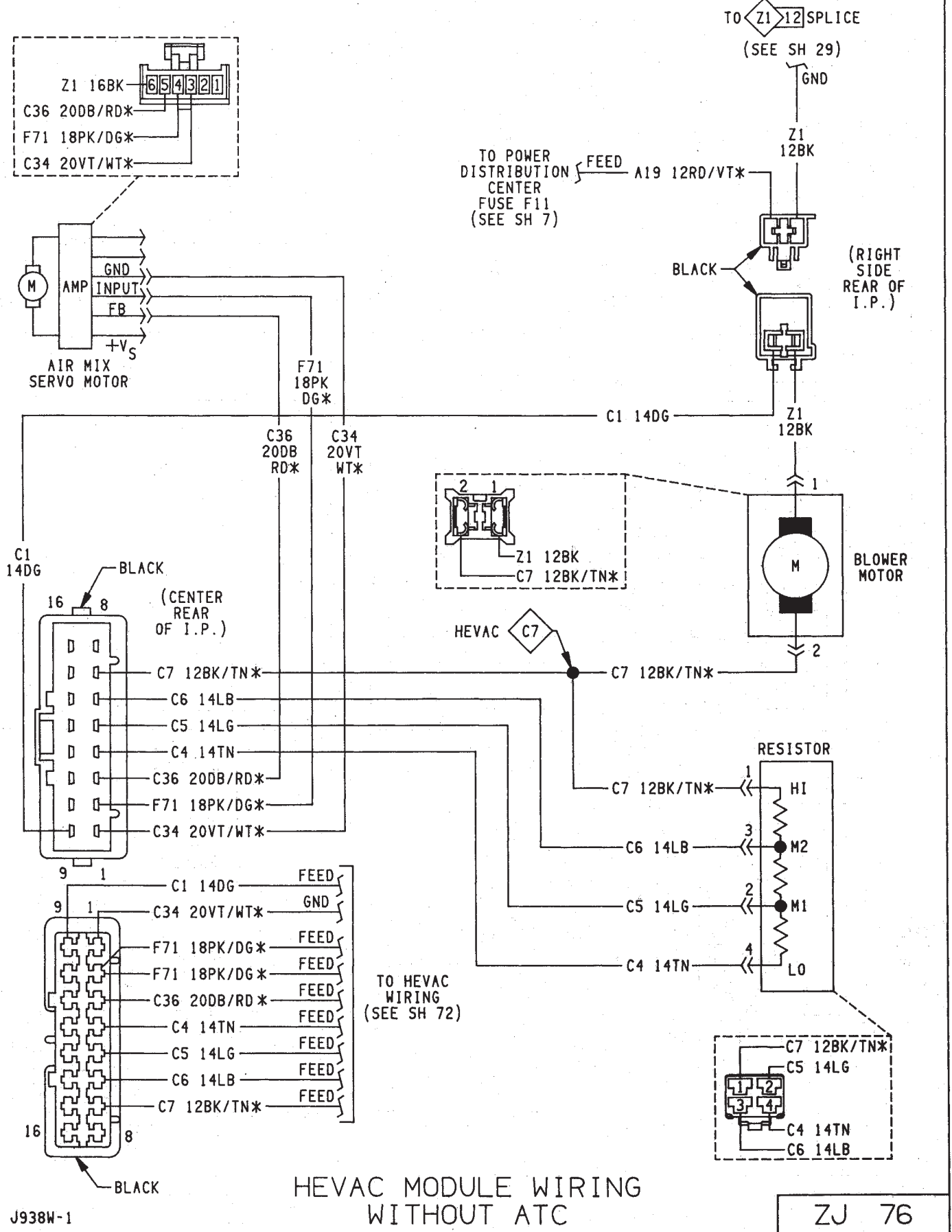
ZJ 73

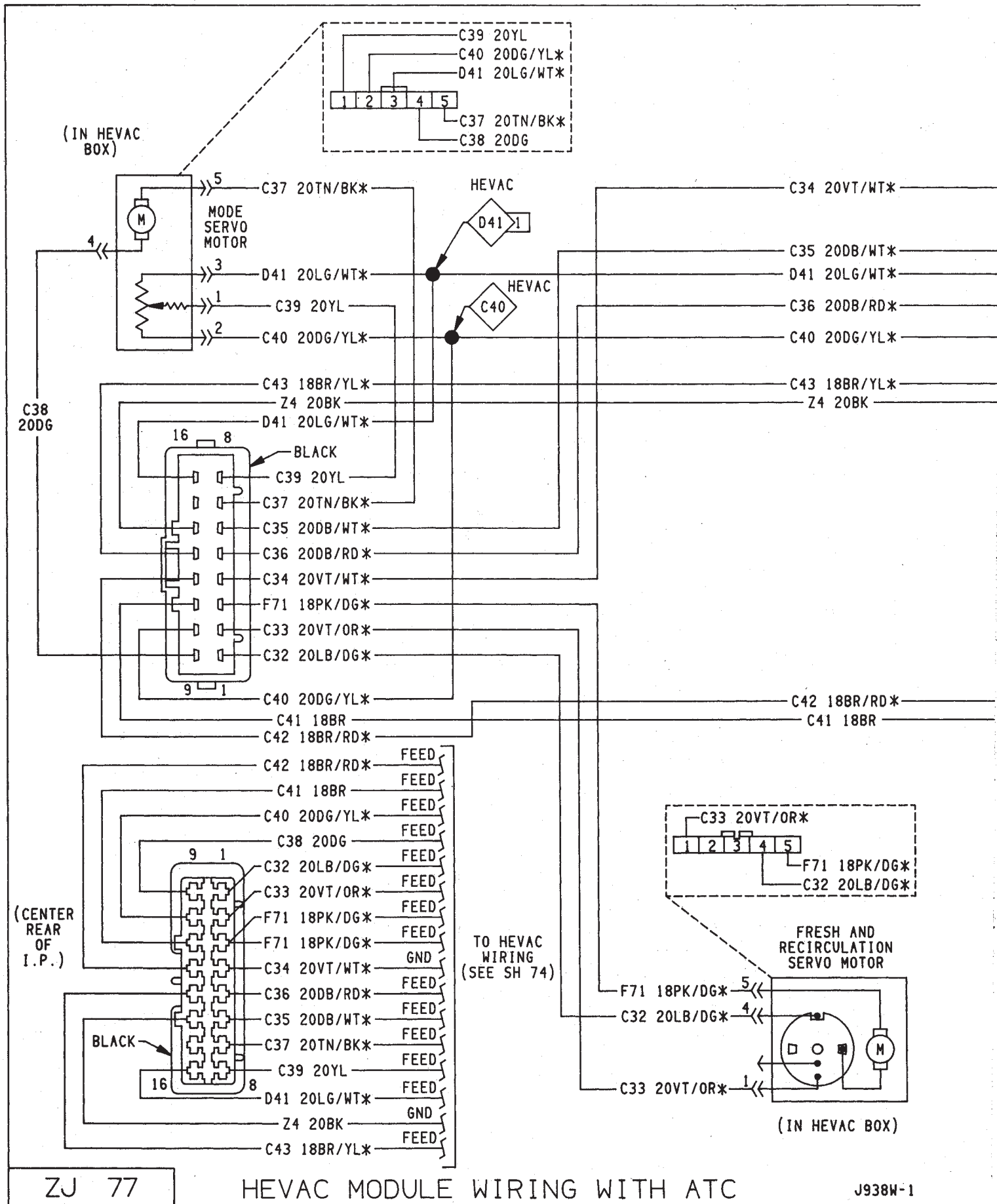
HEVAC WITH ATC

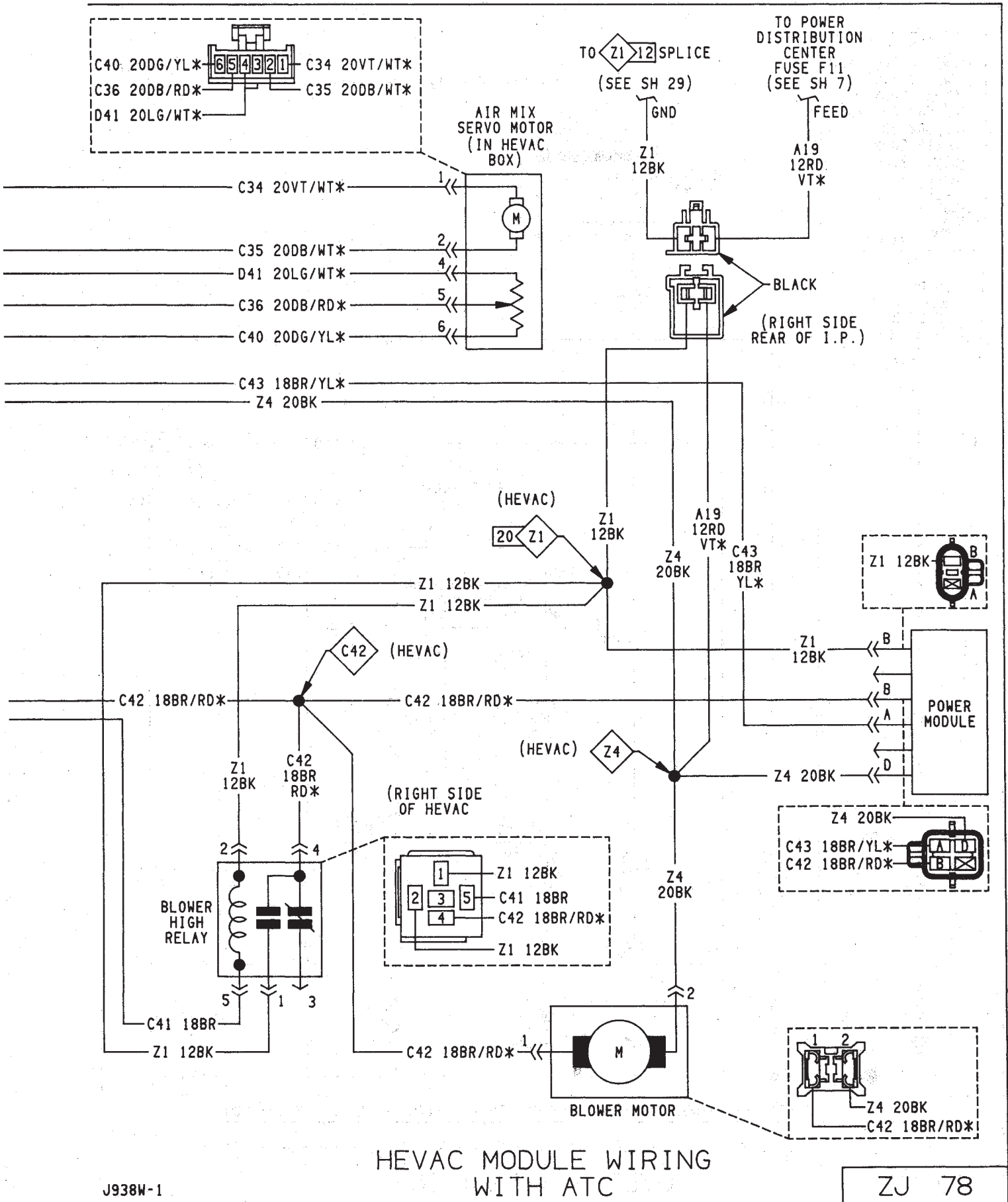
J938W-1

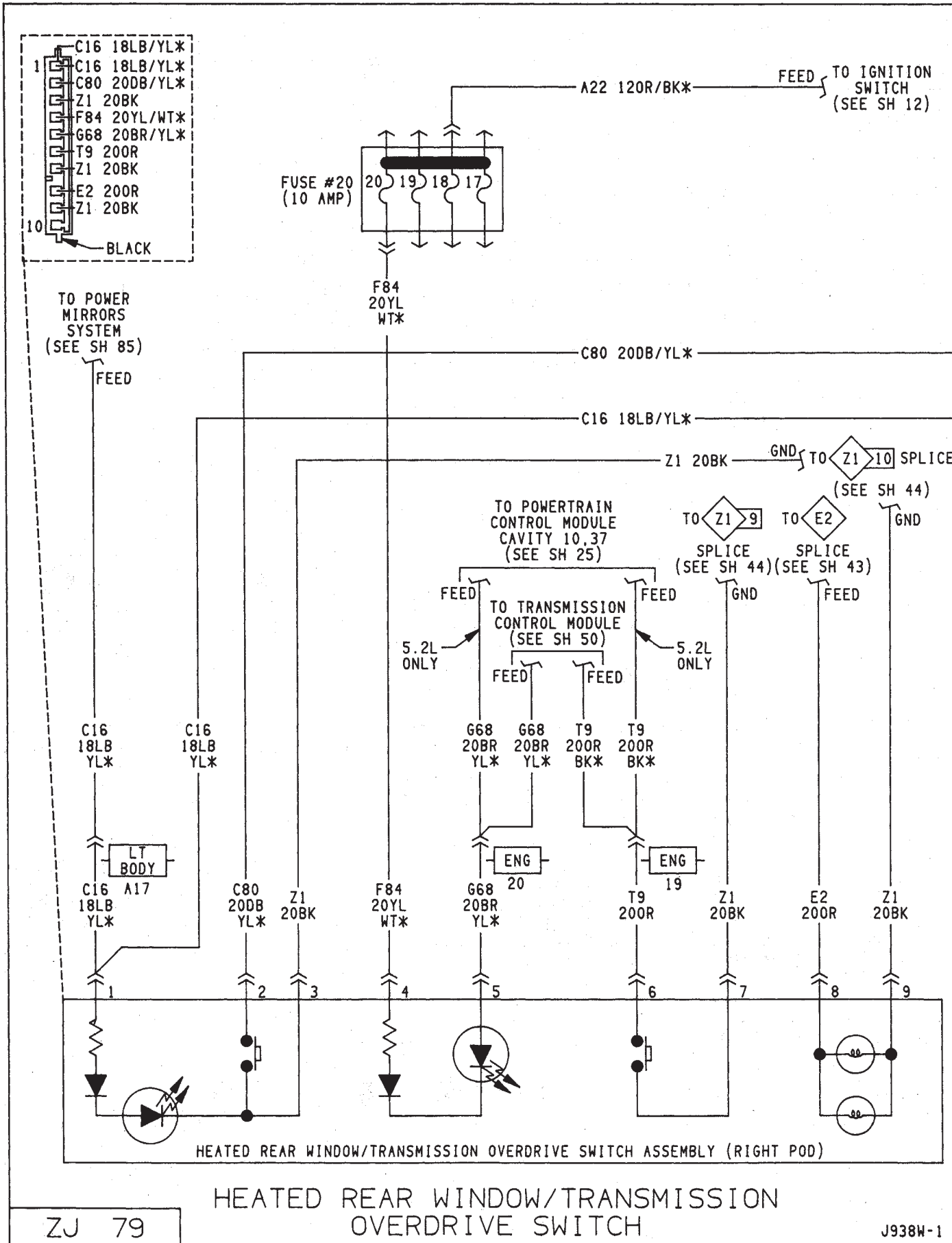


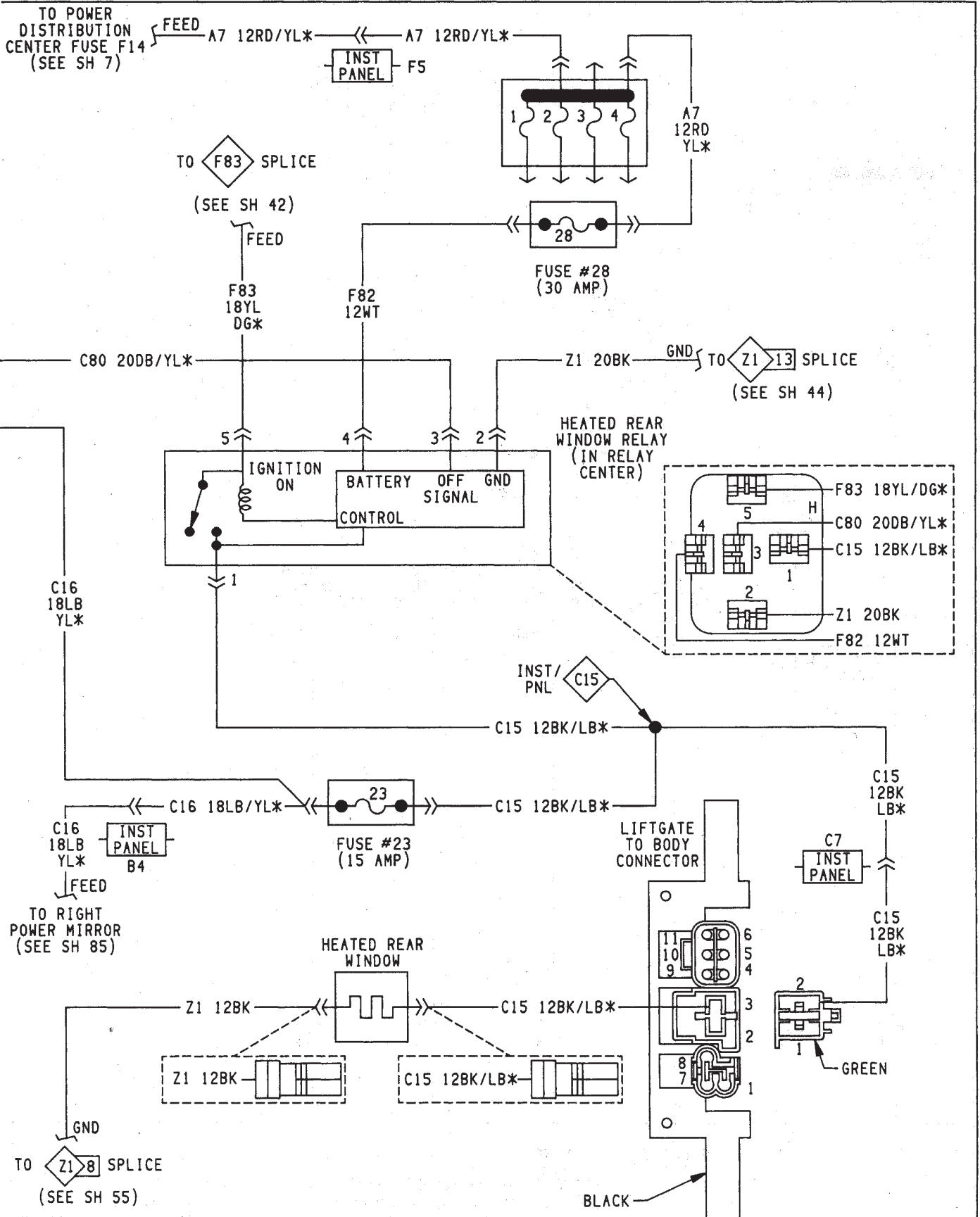


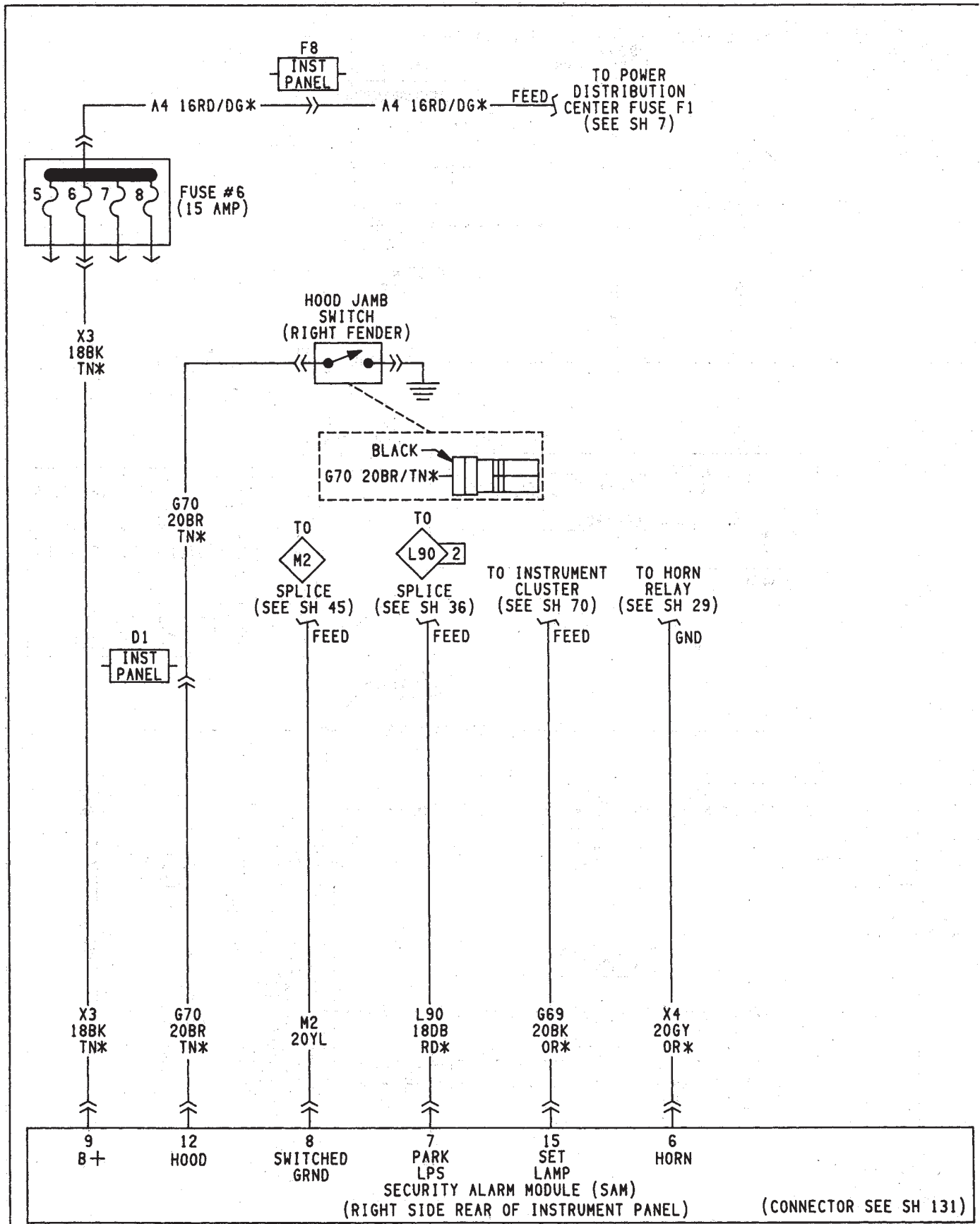


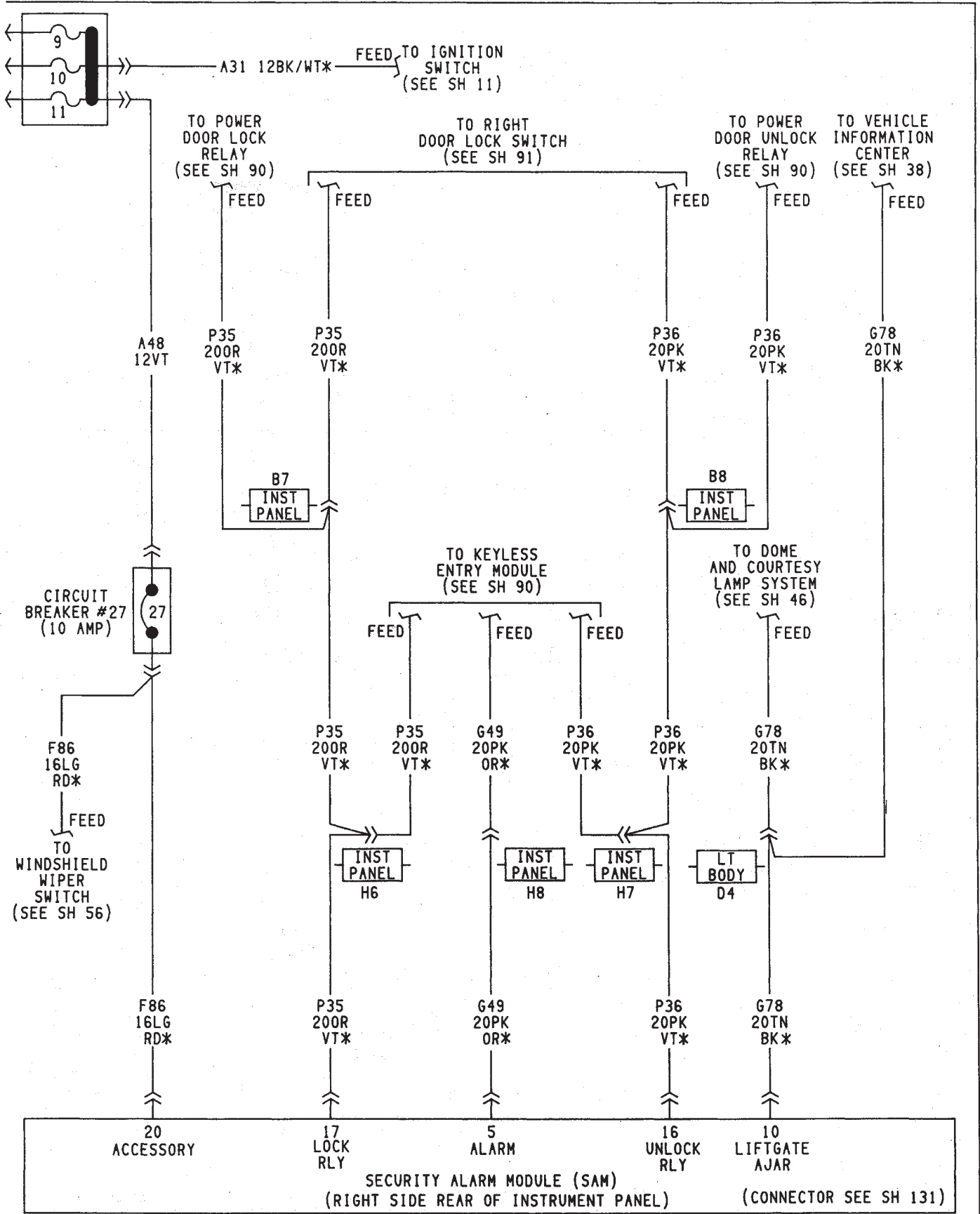


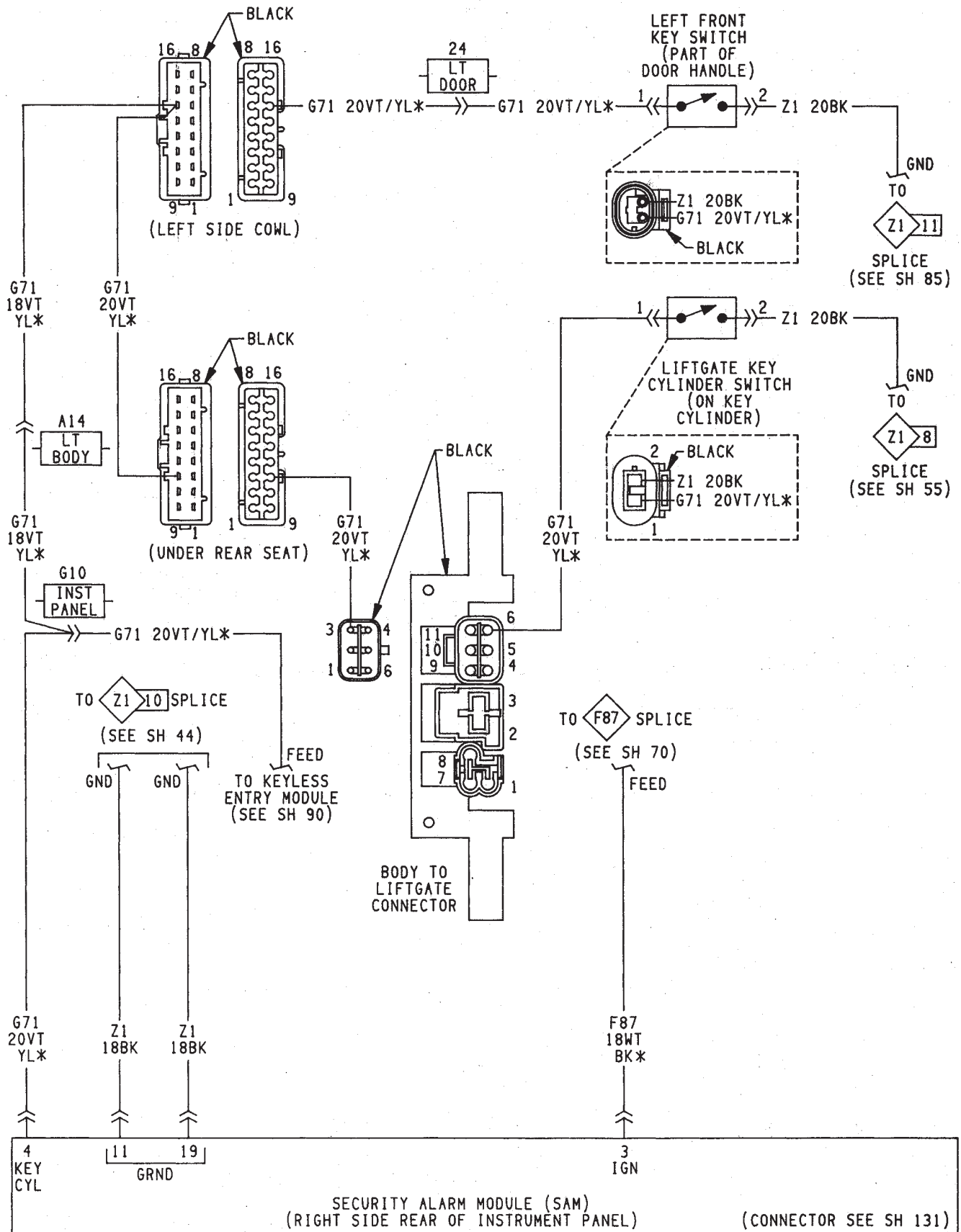


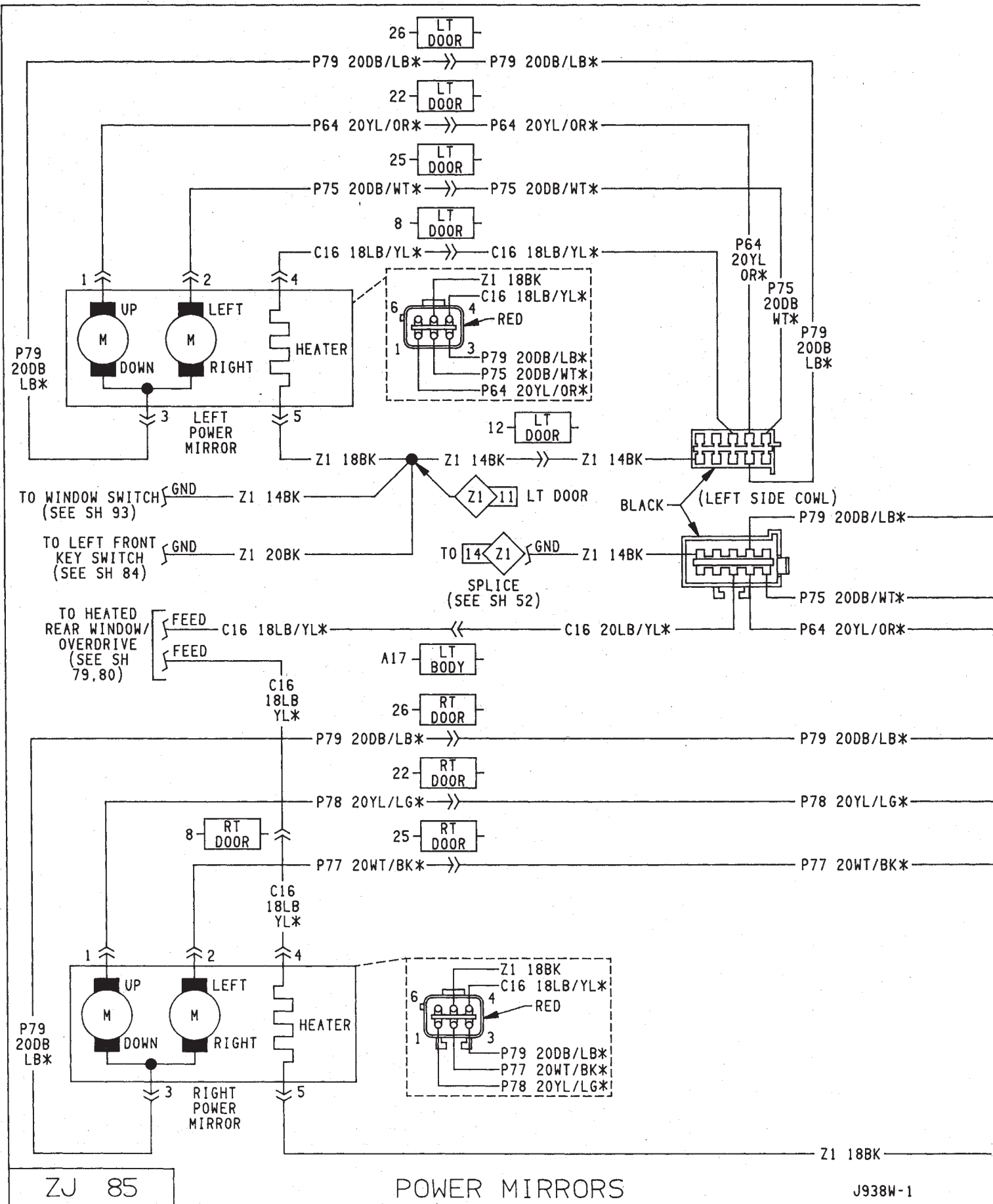






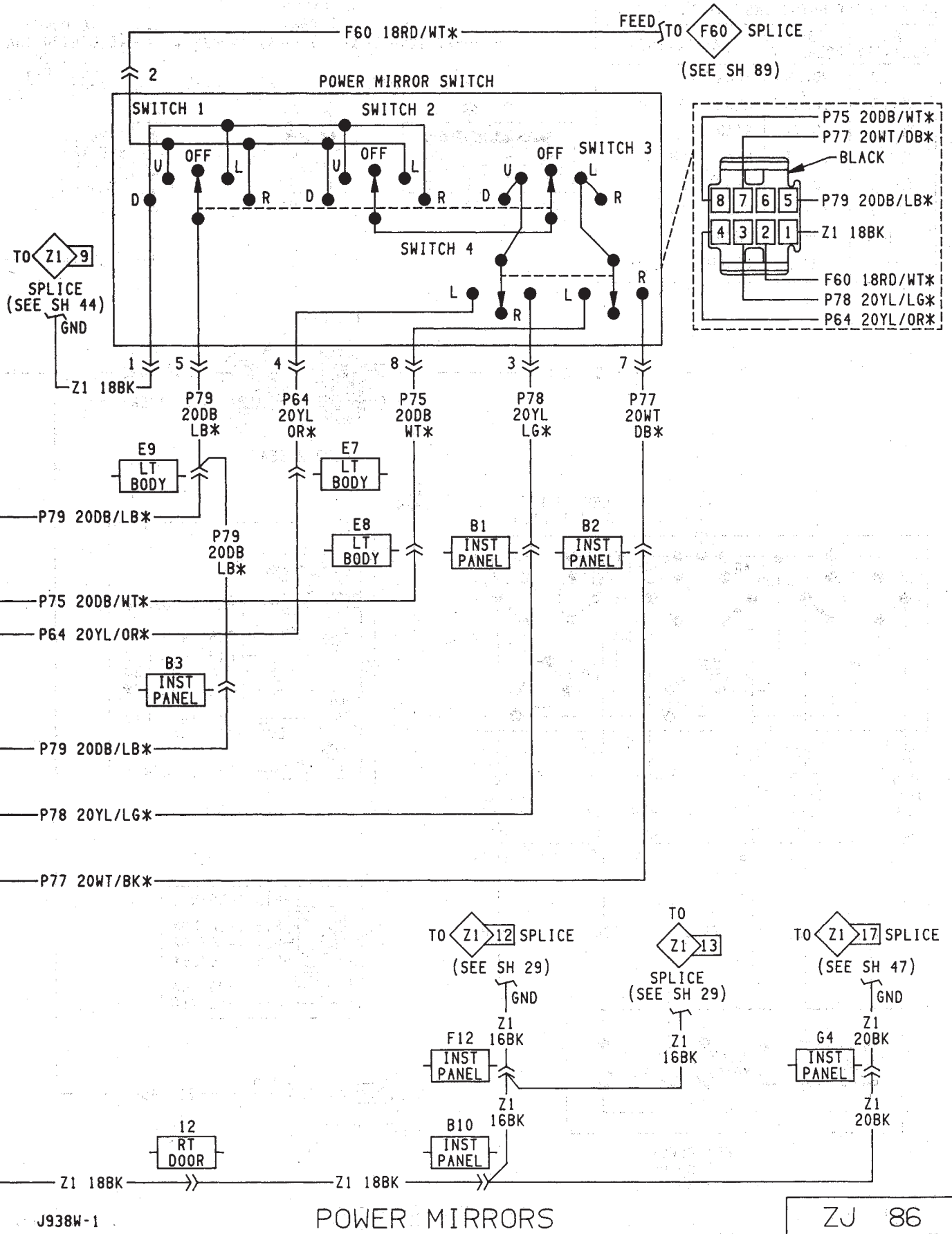




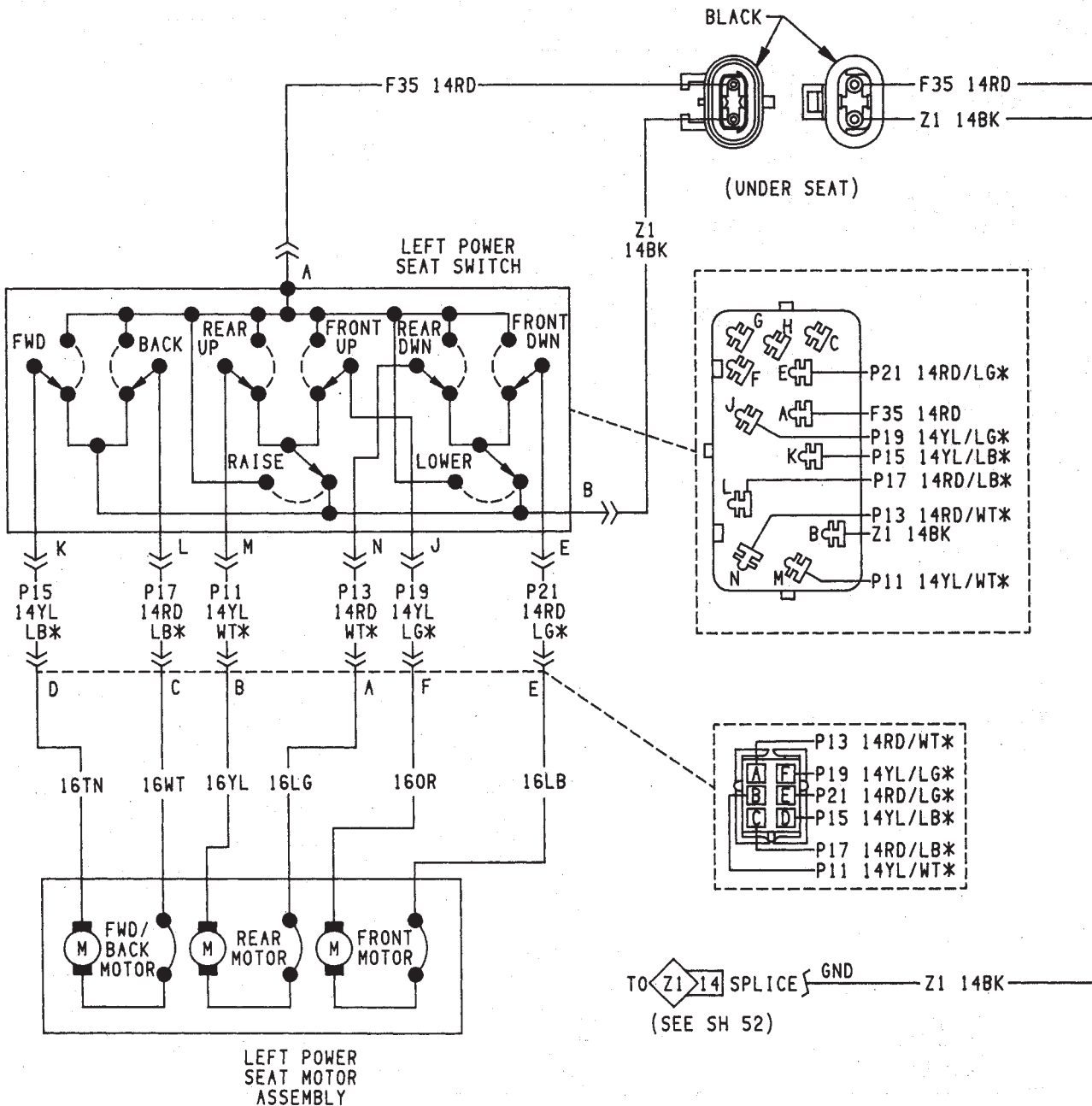
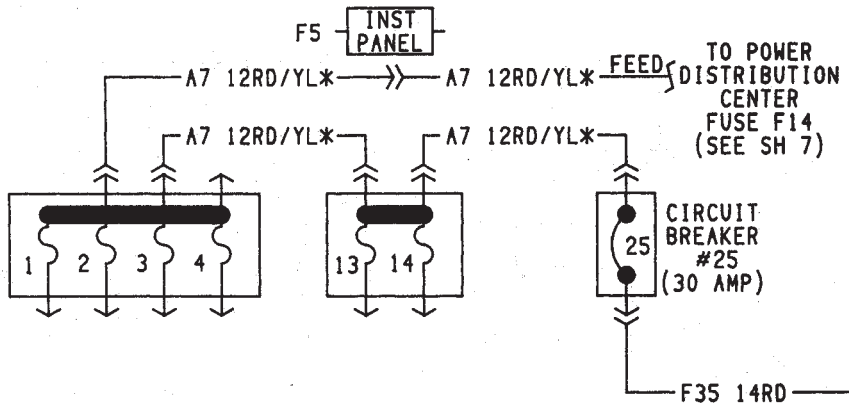


ZJ 85

POWER MIRRORS



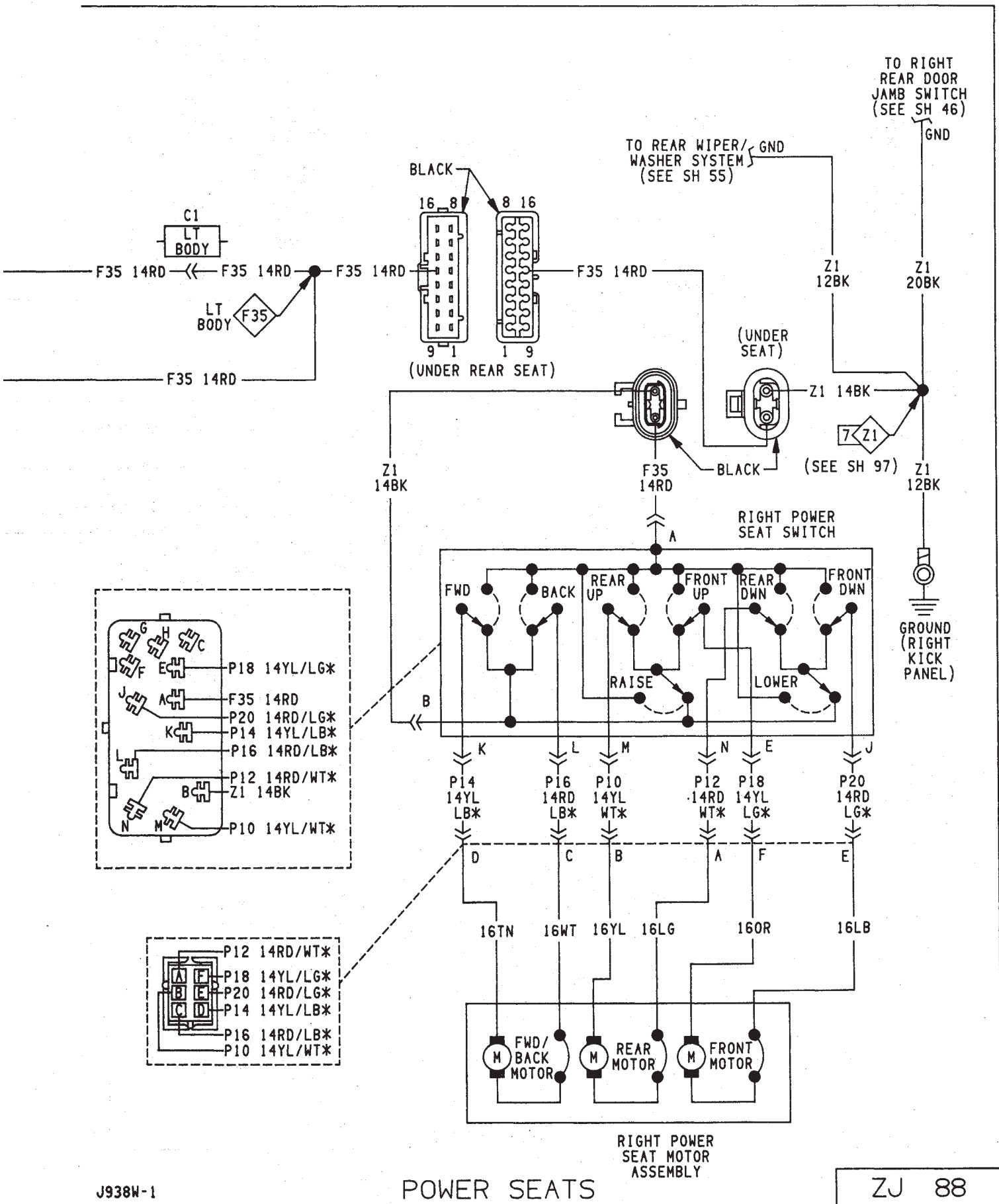
POWER SEAT MOTOR INSULATOR POLARITY		
B+ POLARITY	B- POLARITY	SEAT MOVEMENT
YL/LB	RD/LB	FORWARD
RD/LB	YL/LB	REARWARD
YL/WT	RD/WT	REAR UP
RD/WT	YL/WT	REAR DOWN
YL/LG	RD/LG	FRONT UP
RD/LG	YL/LG	FRONT DOWN
RD	—	FEED
—	BK	GROUND

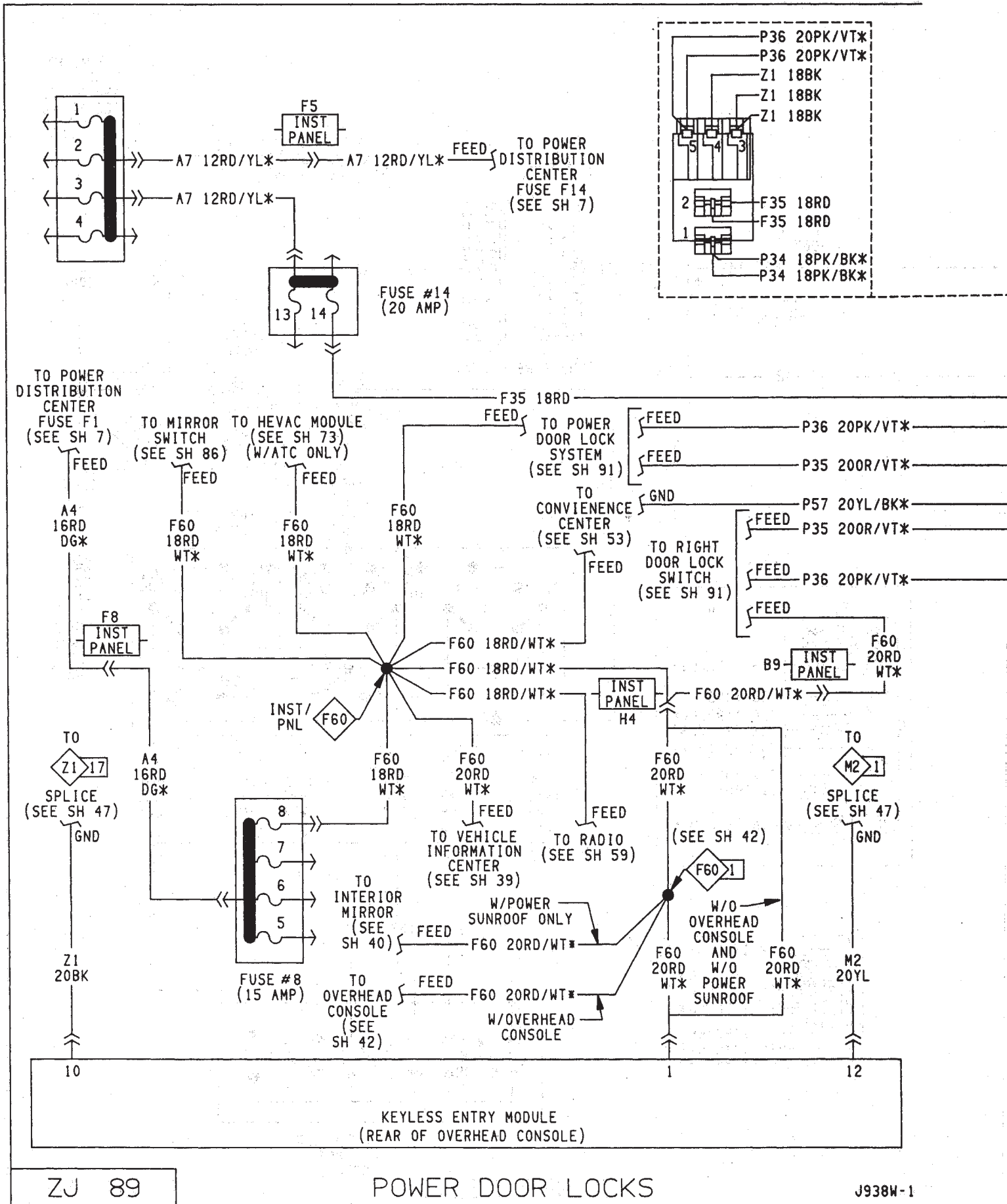


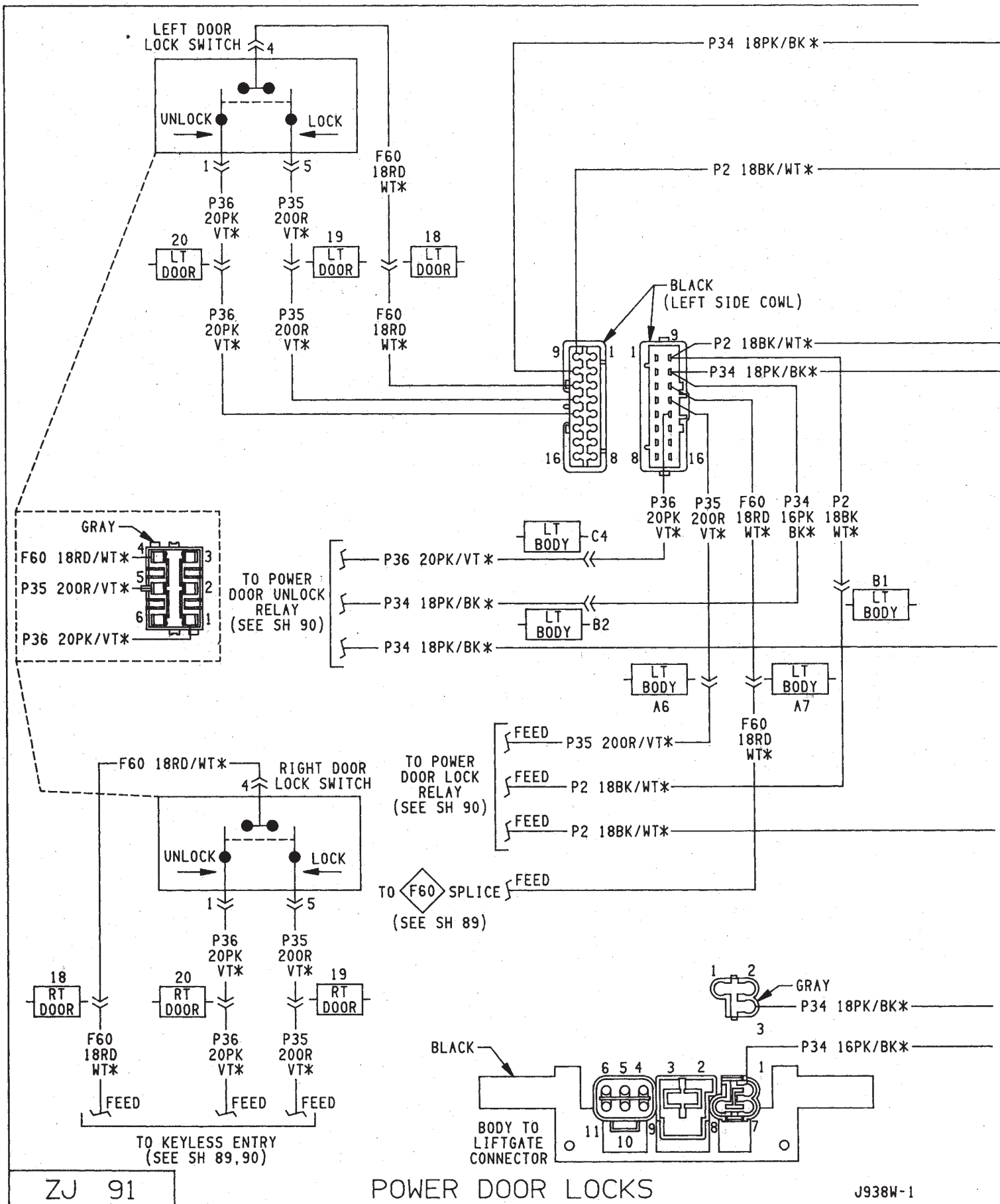
ZJ 87

POWER SEATS

J938W-1



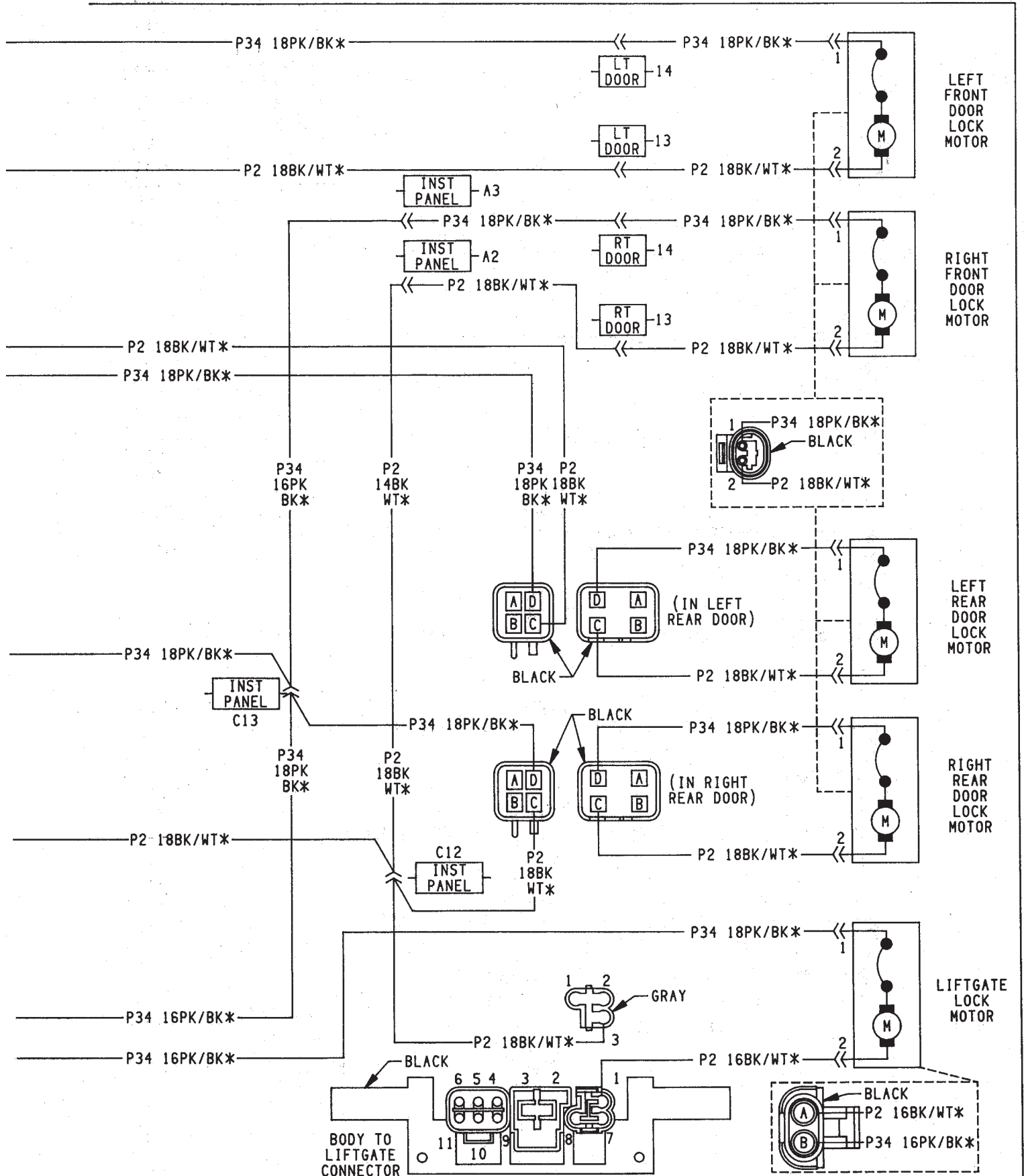


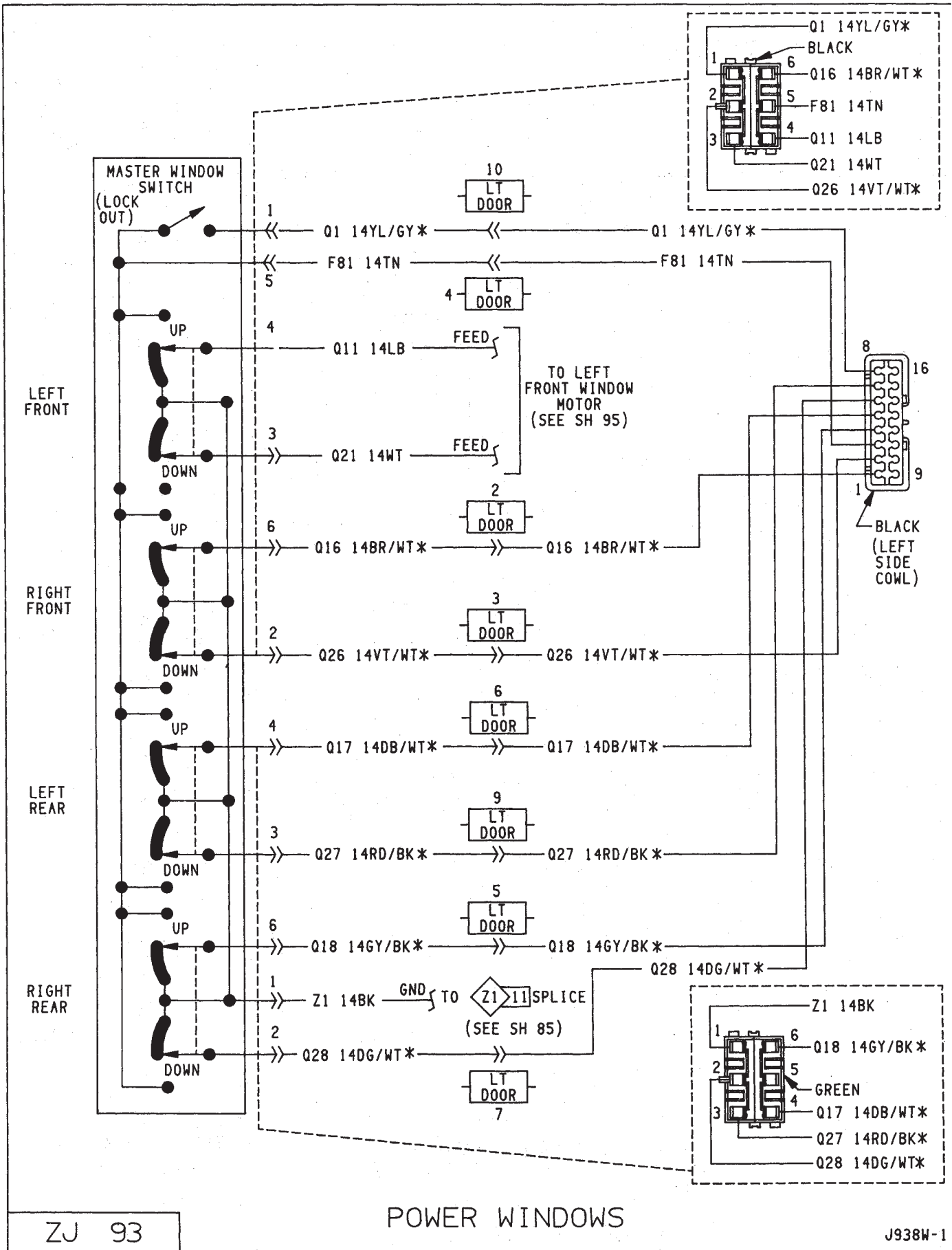


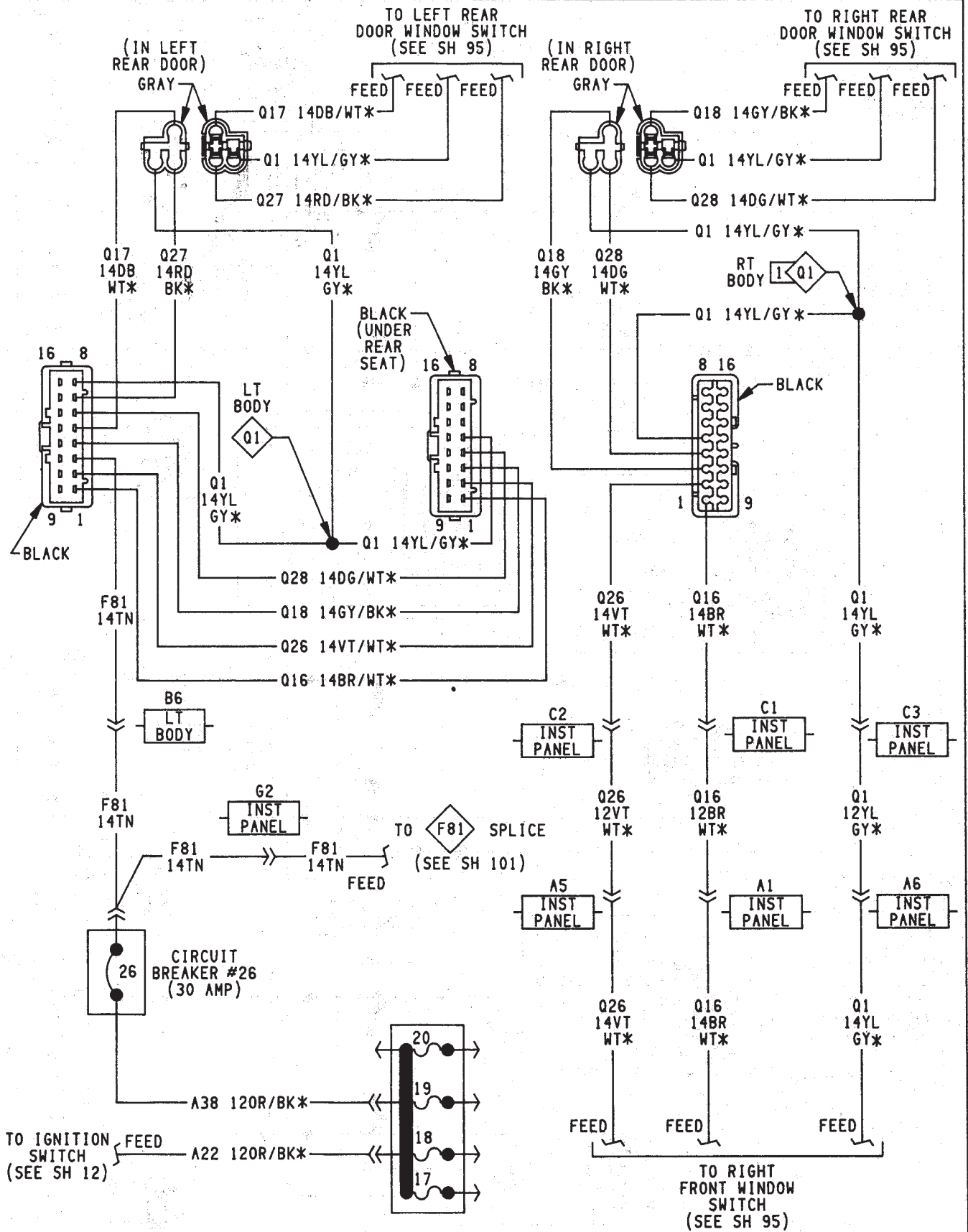
ZJ 91

POWER DOOR LOCKS

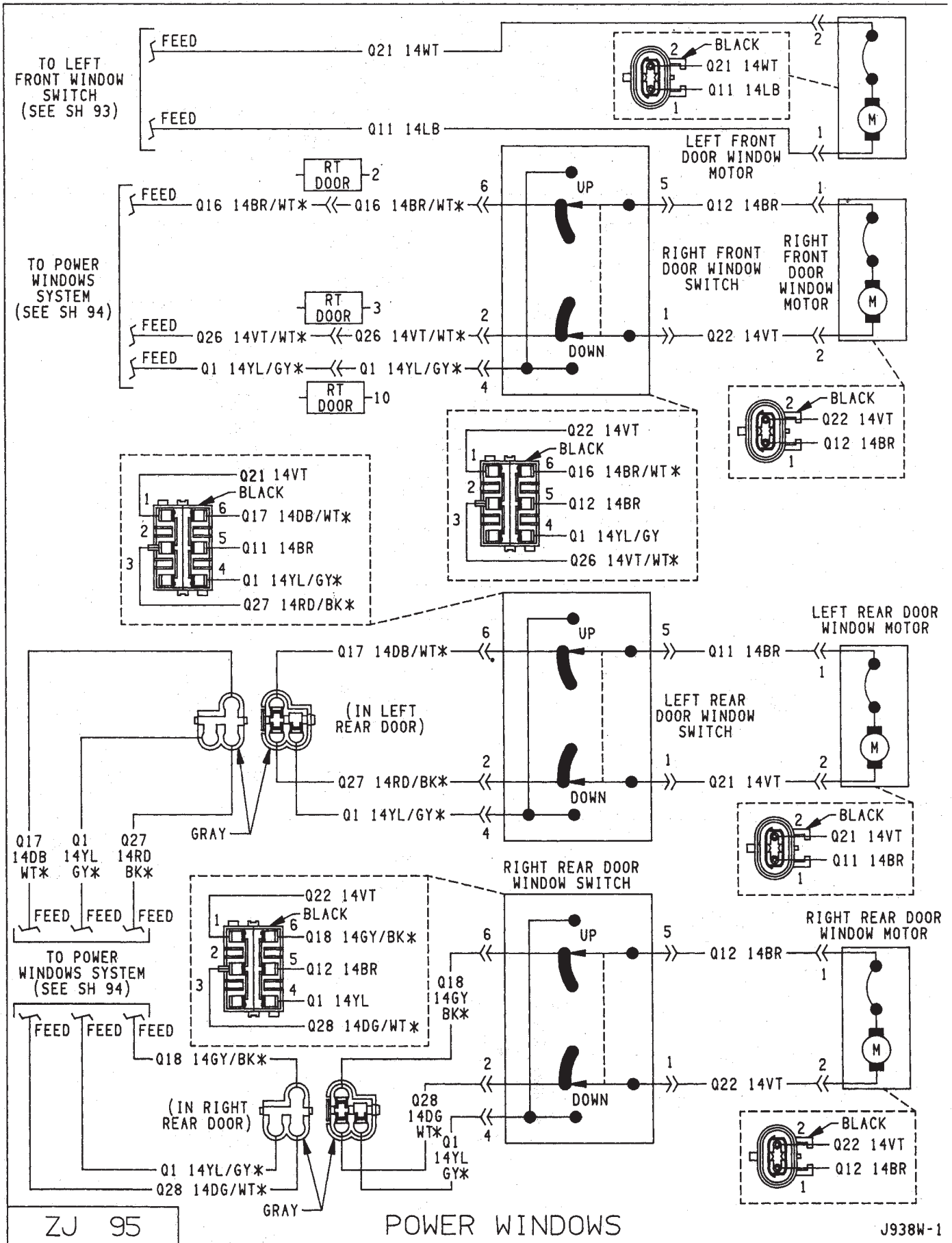
J938W-1







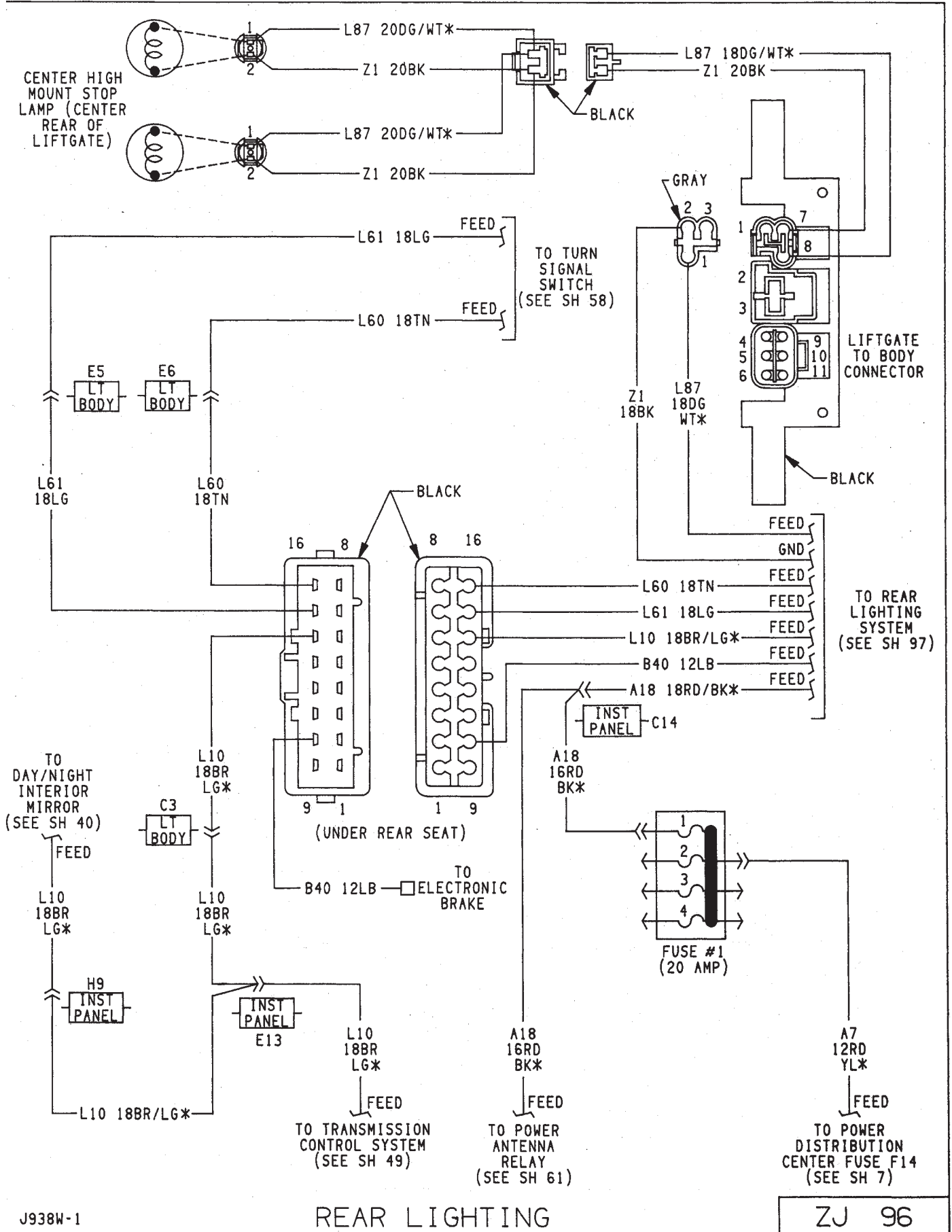
POWER WINDOWS

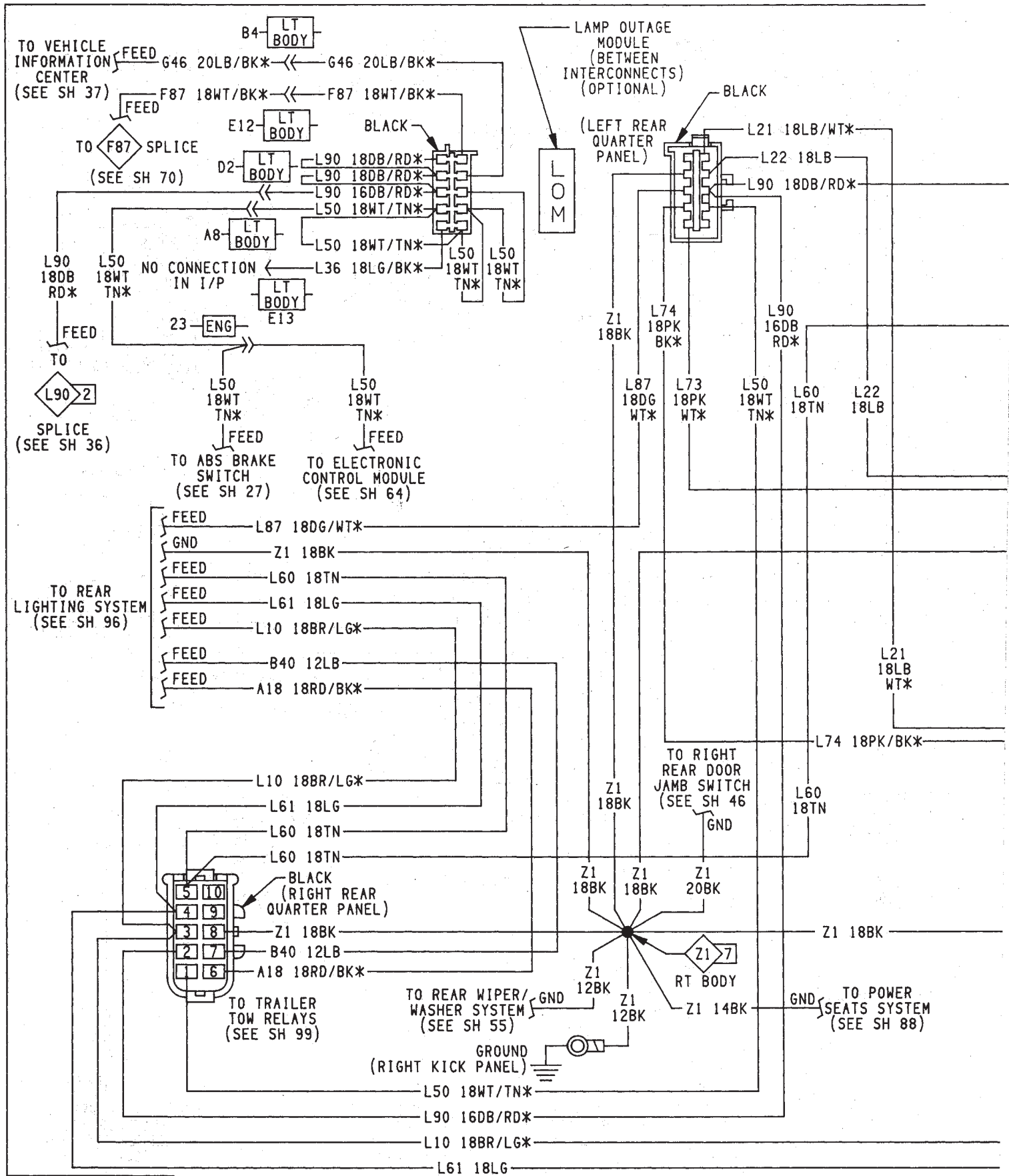


ZJ 95

POWER WINDOWS

J938W-1

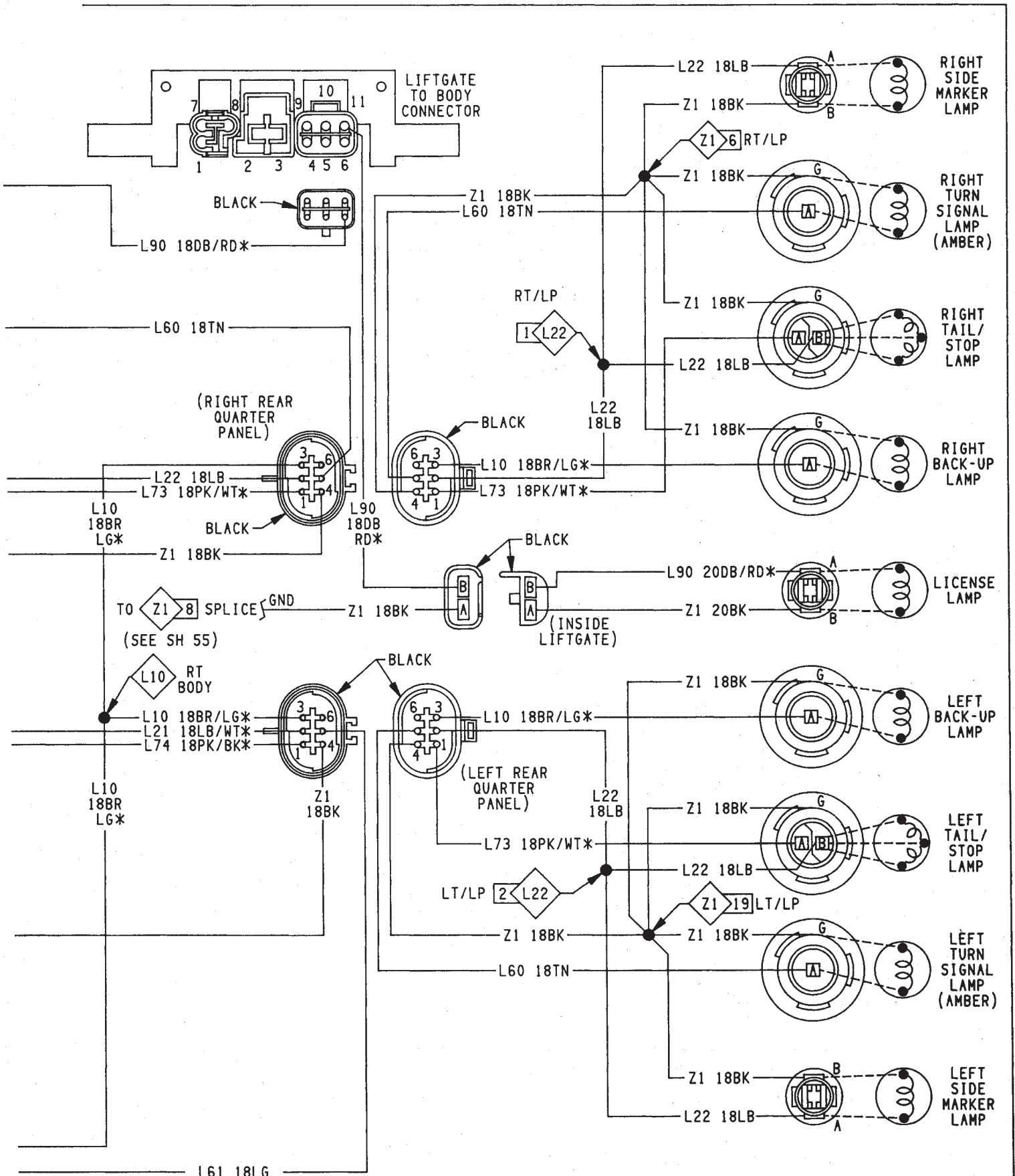


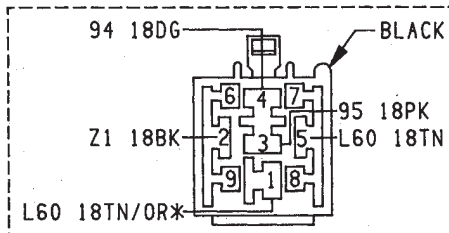
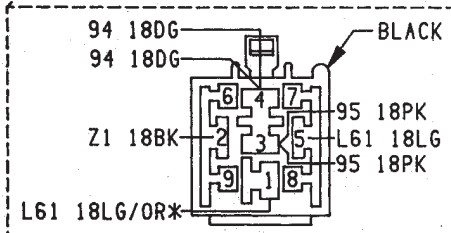
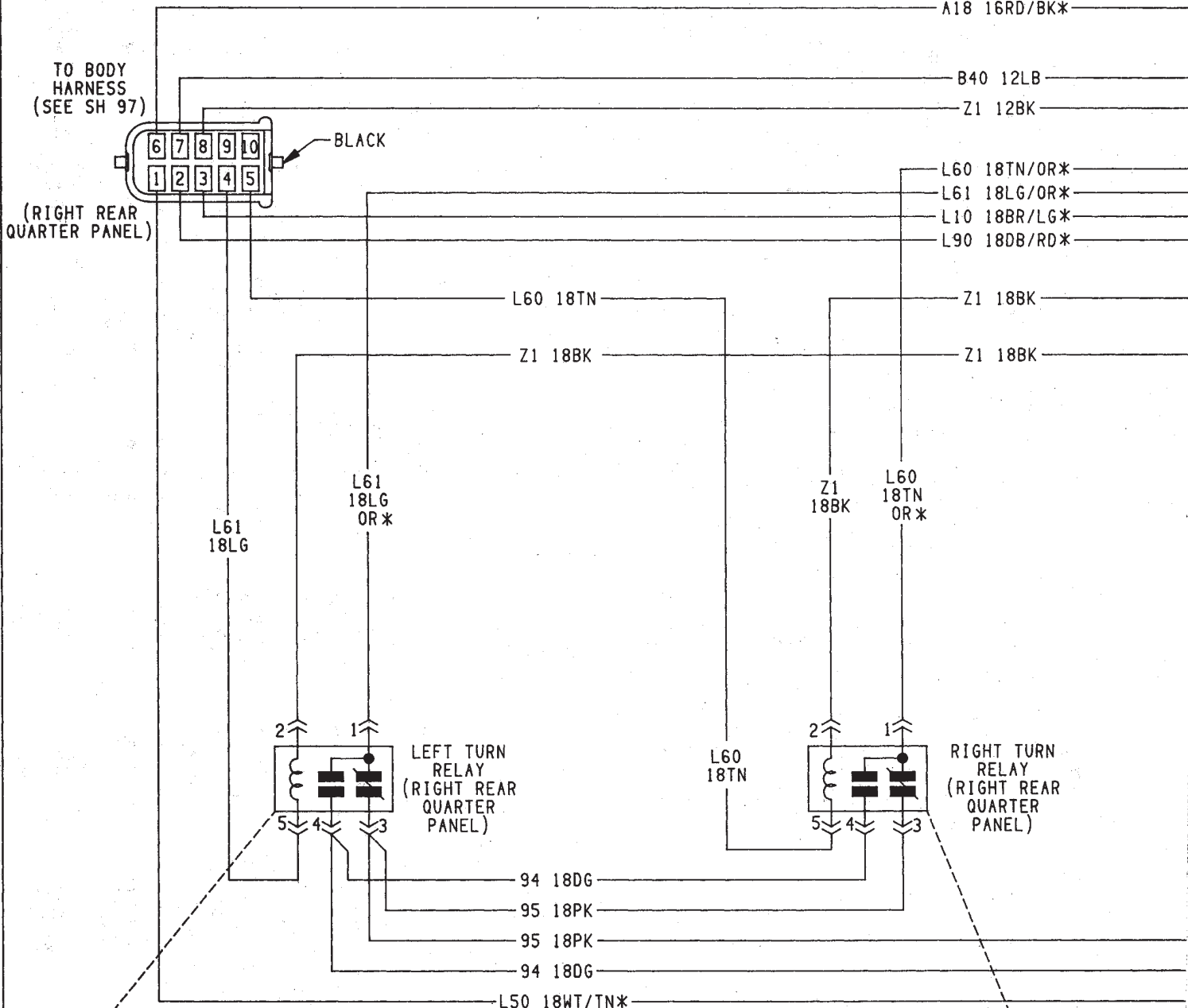


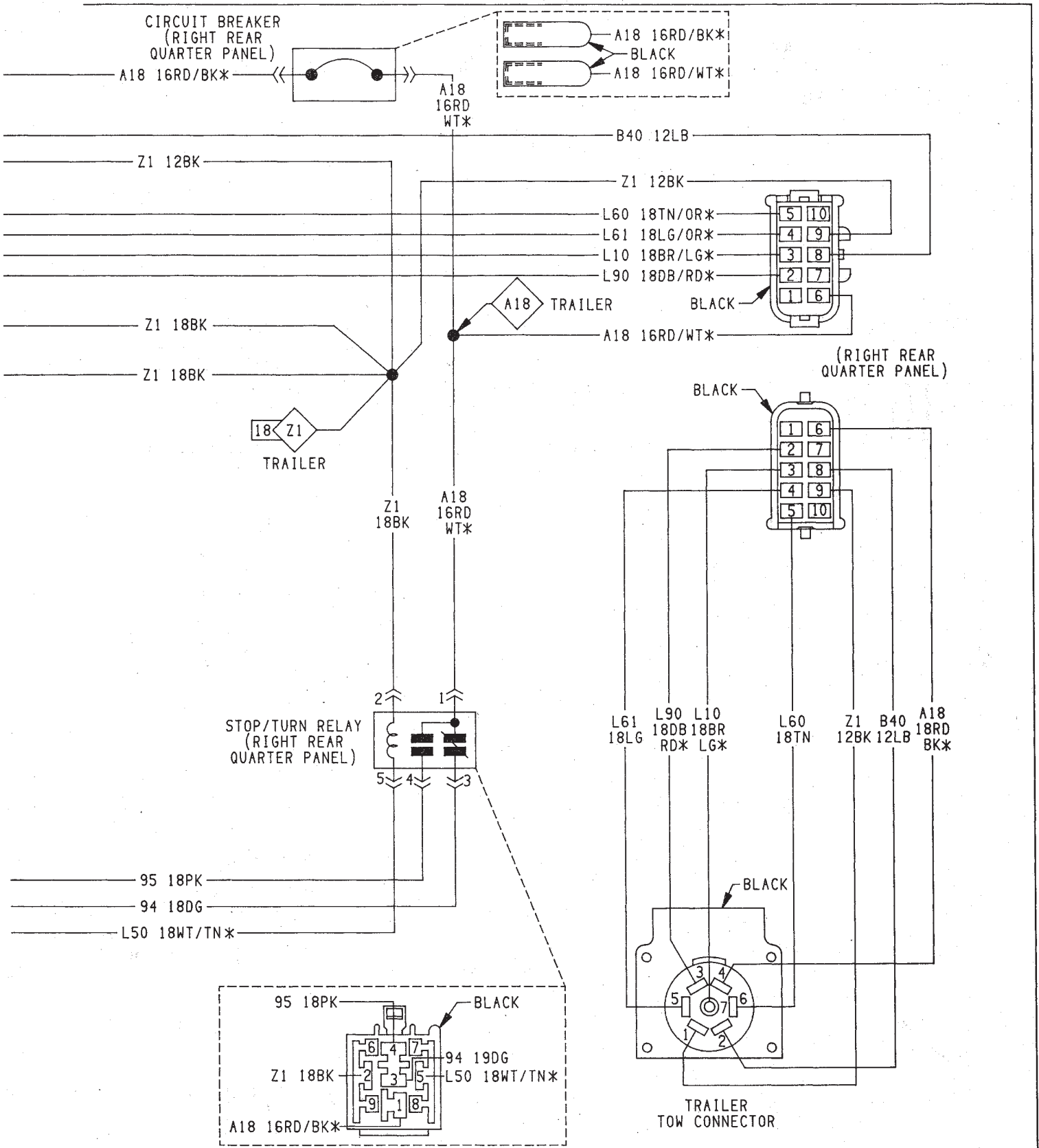
ZJ 97

REAR LIGHTING

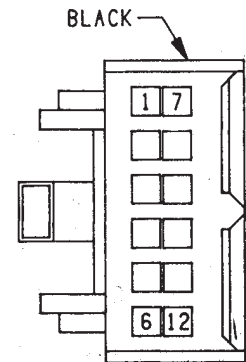
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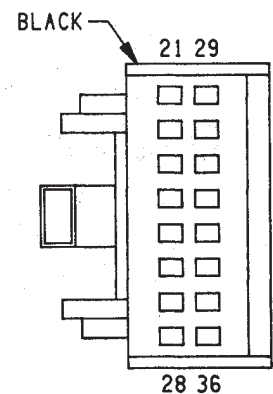


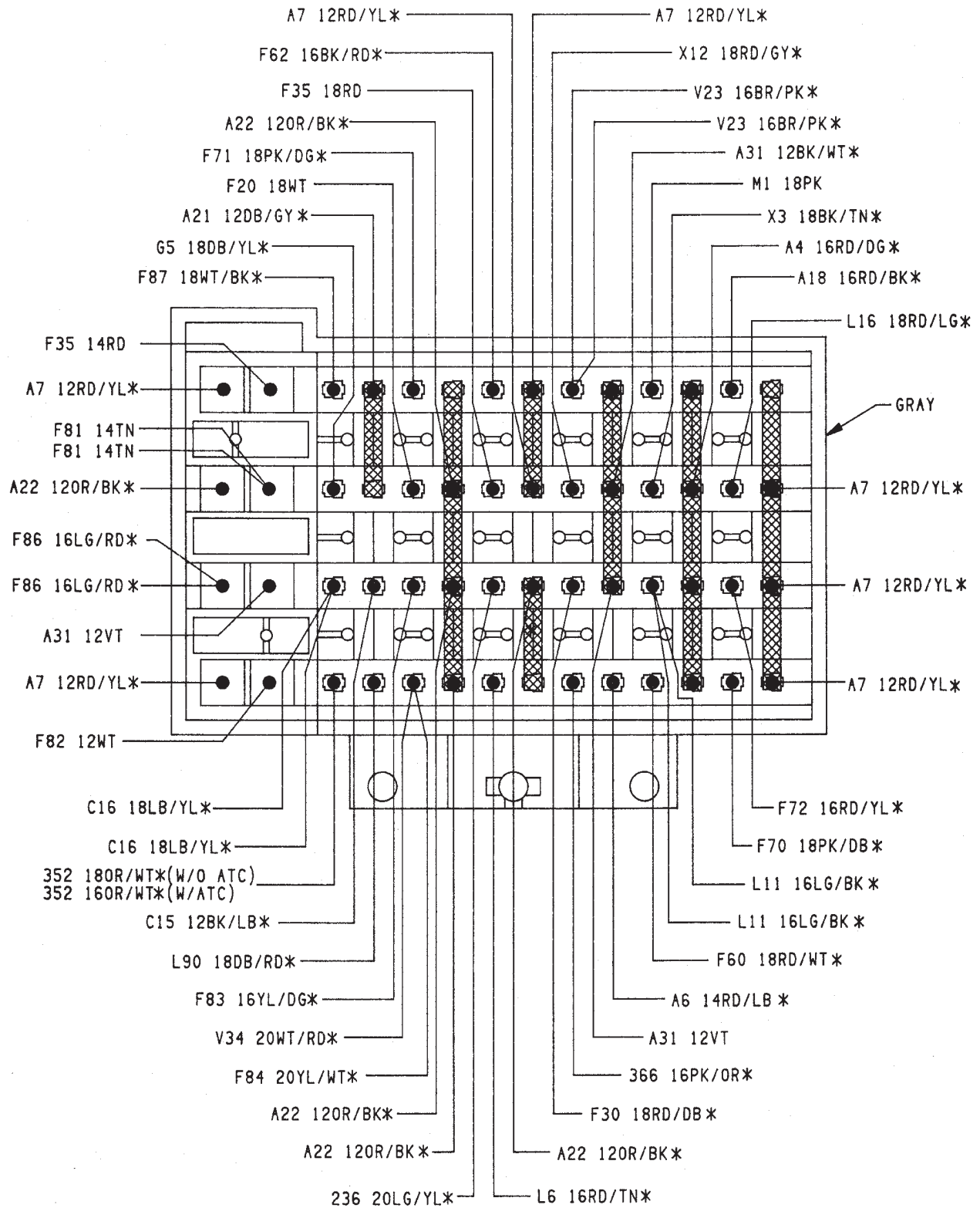


CAV	CIRCUIT	FUNCTION	SHEET
1	F60 20RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	39
2	Z1 20BK	GROUND	39
3	G75 20TN/PK*	LEFT FRONT DOOR AJAR LIGHT	39
4	G74 20TN/RD*	RIGHT FRONT DOOR AJAR LIGHT	39
5	G76 20TN/YL*	RIGHT REAR DOOR AJAR LIGHT	39
6	L5 20BK/OR*	TURN SIGNAL FLASHER UNIT FEED	39
7	Z1 20BK	GROUND	39
8	—	—	—
9	—	—	—
10	—	—	—
11	G81 20DB	TONE LINE (CHIME)	39
12	G7 20WT/OR*	VEHICLE SPEED SENSOR	39

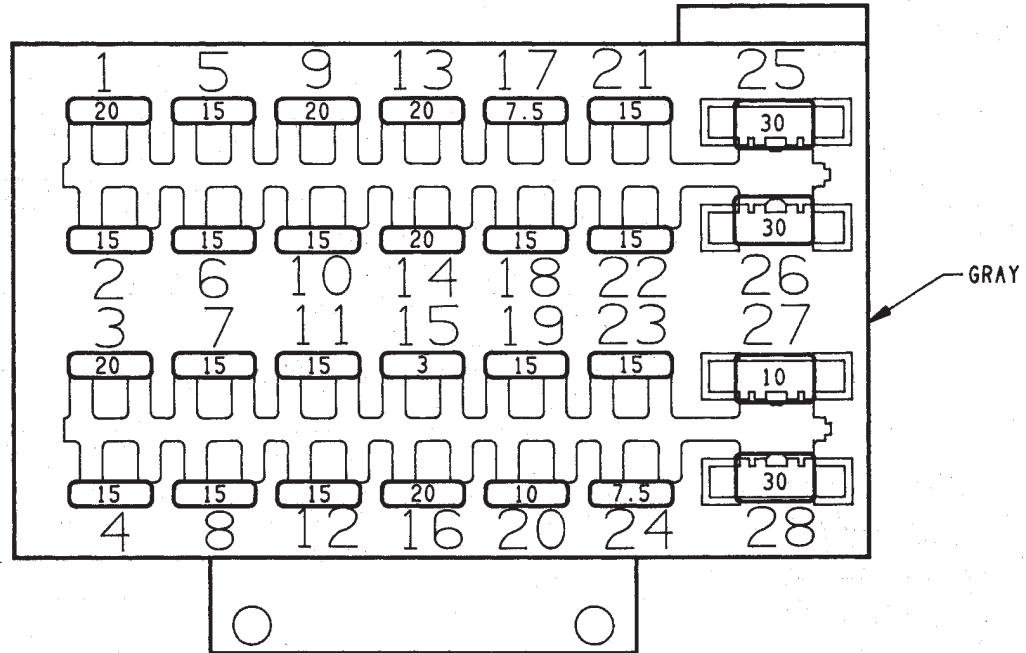
VIEWED FROM
TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
21	L90 20DB/RD*	PARK LAMP FEED	37
22	G18 20PK/DB*	LOW ENGINE COOLANT	37
23	G46 20LB/BK*	LAMP OUTAGE-REAR	37
24	G25 20LG/BK*	ENGLISH/METRIC SWITCH	37
25	G77 20TN/OR*	LEFT REAR DOOR AJAR LIGHT	37
26	G36 20BR/GY*	ENGINE OIL LEVEL SENSOR	37
27	E2 20OR	I/P ILLUMINATION	37
28	Z1 20BK	GROUND	37
29	G78 20TN/BK*	LIFTGATE/DECK LID AJAR SWITCH	38
30	G29 20BK/TN*	LOW WASHER FLUID	38
31	107 20BK/RD*	PART TIME LAMP/ALL TIME LAMP	38
32	106 20GY/OR*	4WD FULL TIME	38
33	F83 20YL/DG*	FUSED IGNITION	38
34	T19 20YL/BK*	LOW RANGE	38
35	G42 20LB/RD*	ALL TIME/FRONT WHEELS	38
36	G28 20LG/OR*	2WD/REAR WHEEL AND ALL TIME	38

VIEWED FROM
TERMINAL ENDVEHICLE INFORMATION
CENTER CONNECTOR



VIEWED FROM WIRE END



VIEWED FROM TERMINAL END

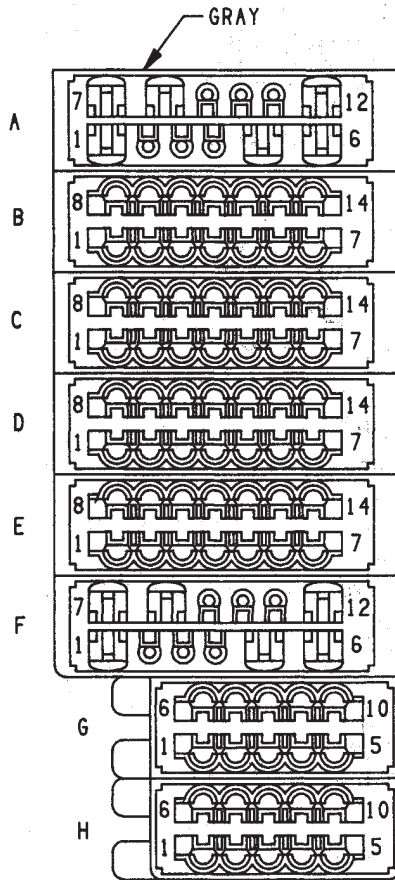
FUSE NUMBER	AMPS	COLOR	SHEET
1	20	YELLOW	1,61,96
2	15	LIGHT BLUE	1,7,27
3	20	YELLOW	1,54,58
4	15	LIGHT BLUE	1,70
5	15	LIGHT BLUE	1,45
6	15	LIGHT BLUE	1,7,81
7	15	LIGHT BLUE	1,33,83
8	15	LIGHT BLUE	1,89
9	20	YELLOW	2,12,56
10	10	RED	2,12,59
11	15	LIGHT BLUE	2,12,40
12	15	LIGHT BLUE	2,33
13	20	YELLOW	2,29
14	20	YELLOW	2,89
15	3	VIOLET	4,65
16	20	YELLOW	4,54,57
17	7.5	BROWN	3,12,71,73
18	15	LIGHT BLUE	3,12,67
19	15	LIGHT BLUE	3,12,42
20	10	RED	3,12,27,79
21	15	LIGHT BLUE	3,11,70
22	15	LIGHT BLUE	3,11,67,70
23	15	LIGHT BLUE	4,80
24	7.5	BROWN	4,34,36
25	30	C.B.	2,87
26	30	C.B.	4,94
27	10	C.B.	2,56,82
28	30	GREEN	1,80

CONNECTOR A

CAV	CIRCUIT	FUNCTION	SHEET
1	Q16 12BR/WT*	WINDOW SWITCH TO RT FRONT MOTOR UP	94
2	P2 18BK/WT*	RELAY FEED (LOCK)	92
3	P34 18PK/BK*	RELAY FEED (UNLOCK)	92
4	M1 18PK	COURTESY LAMPS	46
	M1 18PK	COURTESY LAMPS	
5	Q26 12VT/WT*	WINDOW SWITCH TO RT FRONT MOTOR DOWN	94
6	Q1 12YL/GY*	POWER WINDOW MASTER SWITCH FEED OUT	94
7	—	—	—
8	M2 20YL	SWITCHED GROUND	46
9	—	—	—
10	—	—	—
11	—	—	—
12	—	—	—

CONNECTOR B

CAV	CIRCUIT	FUNCTION	SHEET
1	P78 20YL/LG*	MIRROR UP/DOWN MOTOR - RIGHT	86
2	P77 20WT/DB*	MIRROR RIGHT/LEFT MOTOR - RIGHT	86
3	P79 20DB/LB*	MIRROR RETURN (←) LEFT	86
4	C16 18LB/YL*	HEATED MIRROR FEED	80
	X56 20DB	SPEAKER RETURN - RIGHT FRONT	
5	X56 20DB	SPEAKER RETURN - RIGHT FRONT	60
	X54 20VT/YL*	SPEAKER FEED - RIGHT FRONT	
6	X54 20VT/YL*	SPEAKER FEED - RIGHT FRONT	60
	X54 20VT/YL*	SPEAKER FEED - RIGHT FRONT	
7	P35 200R/VT*	SWITCH TO RELAY (LOCK)	82, 90
	P35 200R/VT*	SWITCH TO RELAY (LOCK)	
8	P36 20PK/VT*	SWITCH TO RELAY (UNLOCK)	82, 90
	P36 20PK/VT*	SWITCH TO RELAY (UNLOCK)	
9	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	89
10	Z1 20BK	GROUND	86
	Z1 16BK	GROUND	
11	M9 20DB/OR*	SECURITY ALARM DISARM SIGNAL	48, 90
12	—	—	—
13	—	—	—
14	—	—	—



VIEWED FROM TERMINAL END

CONNECTOR C

CAV	CIRCUIT	FUNCTION	SHEET
1	Q16 12BR/WT*	WINDOW SWITCH TO RT FRONT MOTOR UP	94
2	Q26 12VT/WT*	WINDOW SWITCH TO RT FRONT MOTOR DOWN	94
3	Q1 12YL/GY*	POWER WINDOW MASTER SWITCH FEED OUT	94
4	M1 18PK	COURTESY LAMPS	46
5	X52 20DB/WT*	SPEAKER FEED - RIGHT REAR	59
6	X58 20DB/PK*	SPEAKER RETURN - RIGHT REAR	59
7	C15 12BK/LB*	HEATED REAR WINDOW RELAY	80
8	V20 18BK/OR*	REAR WASHER FEED	55
9	V23 16BR/PK*	REAR WIPER - PARK	55
	V23 16BR/PK*	REAR WIPER - PARK	
10	V24 18BR/OR*	INTERMITTENT WIPER - REAR	55
11	V13 18BR/LB*	CONTINUOUS WIPER - REAR	55
12	P2 18BK/WT*	RELAY FEED (LOCK)	92
	P2 18BK/WT*	RELAY FEED (LOCK)	
13	P34 18PK/BK*	RELAY FEED (UNLOCK)	92
	P34 18PK/BK*	RELAY FEED (UNLOCK)	
14	A18 16RD/BK*	TRAILER TOW & POWER ANTENNA FEED	61.96
	A18 16RD/BK*	TRAILER TOW & POWER ANTENNA FEED	

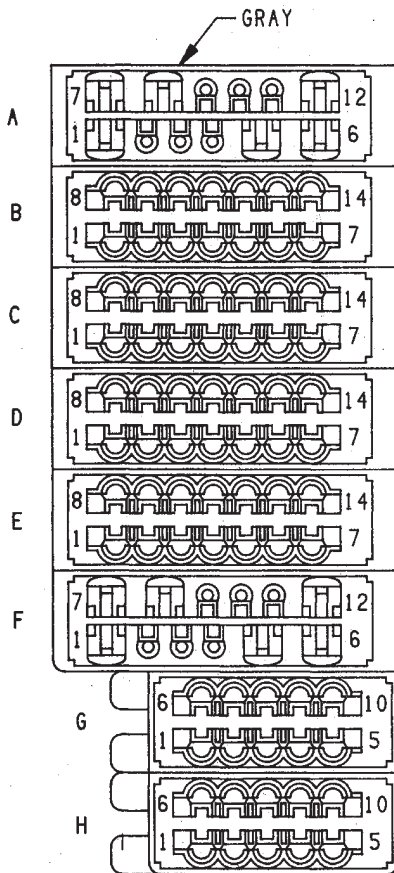
CONNECTOR D

CAV	CIRCUIT	FUNCTION	SHEET
1	G70 20BR/TN*	SECURITY ALARM (HOOD OPEN)	81
2	—	—	—
3	G18 20PK/DB*	LOW ENGINE COOLANT	37
4	L4 16VT/OR *	LOW BEAM (FEED)	32,33,34
5	L3 16RD/OR*	HIGH BEAM FEED	32,83
6	L64 18TN/DB*	RIGHT FRONT TURN SIGNAL	32
7	L90 18DB/RD*	PARK LAMP FEED	32,36
8	G36 20BR/GY*	ENGINE OIL LEVEL SENSOR	37
9	107 20BK/RD*	4WD PART TIME/LOW RANGE	38,50
10	—	—	—
11	G28 20LG/OR*	2WD/REAR WHEEL AND ALL TIME	38,50
12	C90 20LG	A/C SELECT SIGNAL	71,73
13	G34 16RD/GY*	HIGH BEAM INDICATOR LAMP	30,69
14	V30 20DB/LG*	STOP LAMP SWITCH TO VEHICLE SPEED CONTROL	27

100 WAY
INSTRUMENT PANEL CONNECTOR

CONNECTOR E

CAV	CIRCUIT	FUNCTION	SHEET
1	A64 140R/DB*	FUEL PUMP FEED	13,19,52
2	F20 18WT	AIRBAG FEED	12,67
3	G5 18DB/YL*	IGNITION RUN/START FEED	11,67,70
	G5 18DB/YL*	IGNITION RUN/START FEED	
4	A41 16YL/DB*	ENGINE STARTER RELAY	10,12
5	L53 20BR	TCU BRAKE (-)	17,23,27
6	106 20GY/OR*	4WD FULL TIME	38,50
7	Z2 20BK/LG*	ELECTRONIC GROUND	41,67,70
	Z2 18BK/LG*	ELECTRONIC GROUND	
8	R41 18BK/TN*	AIRBAG SYSTEM WARNING LAMP	67,69
9	G7 20WT/OR*	VEHICLE SPEED SIGNAL	16,22
10	D41 20LG/WT*	HEVAC SENSOR RETURN	73
11	C8 20DG/RD*	A/C AMBIENT TEMP SENSOR (HEVAC)	73
12	---	---	---
13	L10 18BR/LG*	BACK-UP LAMP FEED	49,96
	L10 18BR/LG*	BACK-UP LAMP FEED	
14	A1 12RD/WT*	IGNITION SWITCH FEED	8,11



VIEWED FROM TERMINAL END

CONNECTOR F

CAV	CIRCUIT	FUNCTION	SHEET
1	A2 10PK/BK*	IGNITION SWITCH FEED	11
2	---	---	---
3	D1 20VT/BR*	CCD(+)	66,83
	D1 20VT/BR*	CCD(+)	
4	D2 20WT/GY*	CCD(-)	66,83
	D2 20WT/GY*	CCD(-)	
5	A7 12RD/YL*	FUSE BLOCK FEED	7,27,29, 54,58,61, 70,80,87, 89
6	A6 14RD/LB*	EXTERIOR LAMPS FEED	30,33
7	A21 12DB/GY	IGNITION RUN/START FEED	8,11
8	A4 16RD/DG*	IOD FEED	7,45, 81,83,89
9	X2 18DG/YL*	HORN RELAY TO HORN	29
10	L35 20BR/RD*	FOG LAMP SWITCH TO RELAY	33
11	V33 20WT/LG*	VEHICLE SPEED CONTROL SWITCH (RESUME)	27
12	Z1 16BK	GROUND	29,44,86
	Z1 16BK	GROUND	

* - INDICATES TWISTED PAIR

100 WAY
INSTRUMENT PANEL CONNECTOR

CONNECTOR G

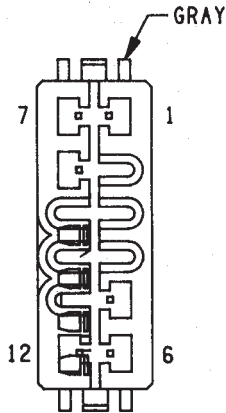
CAV	CIRCUIT	FUNCTION	SHEET
1	G25 20LG/BK*	ENGLISH/METRIC SWITCH	41
	G25 20LG/BK*	ENGLISH/METRIC SWITCH	
2	F81 14TN	POWER SUNROOF FEED	94,101
3	Z2 20BK/LG*	ELECTRONIC GROUND	41,70
4	Z1 14BK	GROUND	44,47,86
5	G44 20VT/TN*	FUEL USAGE MONITOR	42,52
6	E2 20OR	I/P ILLUMINATION	42,43
7	L90 18DB/RD*	PARK LAMP FEED	36,42
* 8	D1 20VT/BR*	CCD(+)	41,66,83
	D1 20VT/BR*	CCD(+)	
* 9	D2 20WT/GY*	CCD(-)	41,66,83
	D2 20WT/GY*	CCD(-)	
10	G71 20VT/YL	SECURITY ALARM DECKLID KEY CYLINDER	84,90
	G71 20VT/YL	SECURITY ALARM DECKLID KEY CYLINDER	

* — INDICATES TWISTED PAIR

CONNECTOR H

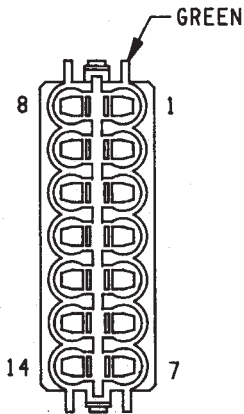
CAV	CIRCUIT	FUNCTION	SHEET
1	M1 18PK	COURTESY LAMPS	46,47
	M1 18PK	COURTESY LAMPS	
2			
3	M2 20YL	SWITCHED GROUND	45,47
	M2 20YL	SWITCHED GROUND	
4	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	42,89
	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	
5	M9 20DB/OR*	ILLUMINATED ENTRY SIGNAL	48,90
6	P35 20OR/VT*	SWITCH TO RELAY (LOCK)	82,90
	P35 20OR/VT*	SWITCH TO RELAY (LOCK)	
7	P36 20PK/WT*	SWITCH TO RELAY (UNLOCK)	82,90
	P36 20PK/WT*	SWITCH TO RELAY (UNLOCK)	
8	G49 20PK/OR*	SECURITY ALARM TO SAM	82,90
9	L10 18BR/LG*	BACK-UP LAMP FEED	49,96
10	F83 18YL/DG*	FUSED IGNITION 'B' CONV ITEMS	42,90

100 WAY
INSTRUMENT PANEL CONNECTOR



CONNECTOR A
VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
1	Q16 14BR/WT*	WINDOW SWITCH TO RT FRONT MOTOR UP	94
2	P2 18BK/WT*	RELAY FEED (LOCK)	92
3	P34 18PK/BK*	RELAY FEED (UNLOCK)	92
4	M1 18PK	COURTESY LAMPS	46
5	Q26 14VT/WT*	WINDOW SWITCH TO RT FRONT MOTOR DOWN	94
6	Q1 14YL/GY*	POWER WINDOW MASTER SWITCH FEED OUT	94
7	—	—	—
8	M2 20YL	SWITCHED GROUND	46
9	—	—	—
10	—	—	—
11	—	—	—
12	—	—	—

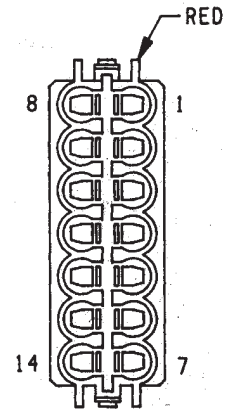


CONNECTOR B
VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
1	P78 20YL/LG*	MIRROR UP/DOWN MOTOR - RIGHT	86
2	P77 20WT/BK*	MIRROR RIGHT/DOWN MOTOR - RIGHT	86
3	P79 20DB/LB*	MIRROR RETURN (-) LEFT	86
4	C16 18LB/YL*	HEATED MIRROR FEED	80
5	X56 20DB/RD*	SPEAKER RETURN - RIGHT FRONT	60
6	X54 20VT	SPEAKER FEED - RIGHT FRONT	60
7	P35 20OR/VT*	POWER DOOR LOCK B+LOCK (SWITCH)	82,90
8	P36 20PK/VT*	POWER DOOR LOCK B+UNLOCK (SWITCH)	82,90
9	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	89
10	Z1 18BK	GROUND	86
11	G72 20DG/OR*	ILLUMINATED ENTRY SIGNAL	48,90
12	—	—	—
13	—	—	—
14	—	—	—

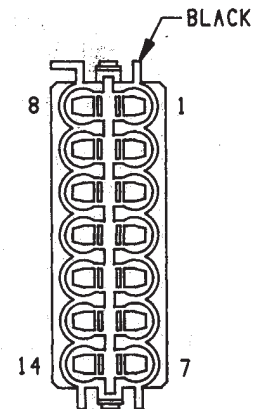
CONNECTORS TO 100 WAY
INSTRUMENT PANEL WIRING

CAV	CIRCUIT	FUNCTION	SHEET
1	Q16 14BR/WT*	WINDOW SWITCH TO RT FRONT MOTOR UP	94
2	Q26 14VT/WT*	WINDOW SWITCH TO RT FRONT MOTOR DOWN	94
3	Q1 14YL/GY*	POWER WINDOW MASTER SWITCH FEED OUT	94
4	M1 20PK	COURTESY LAMPS	46
5	X52 20DB/WT*	SPEAKER FEED — RIGHT REAR	59
6	X58 20DB/OR*	SPEAKER RETURN — RIGHT REAR	59
7	C15 12BK/LB*	HEATED REAR WINDOW RELAY	80
8	V20 16BK/YL*	REAR WASHER FEED	55
9	V23 14BR/PK*	REAR WIPER — PARK	55
10	V24 18BR/OR*	INTERMITTENT WIPER — REAR	55
11	V13 18BR/LG*	CONTINUOUS WIPER — REAR	55
12	P2 18BK/WT*	RELAY FEED (LOCK)	92
	P2 18BK/WT*	RELAY FEED (LOCK)	
13	P34 18PK/BK*	RELAY FEED (UNLOCK)	92
	P34 18PK/BK*	RELAY FEED (UNLOCK)	
14	A18 18RD/BK*	TRAILER TOW & POWER ANTENNA FEED	61,96



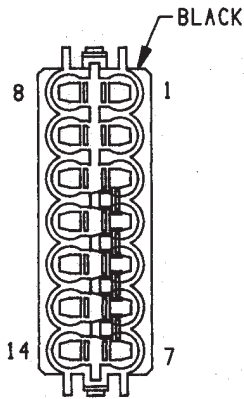
CONNECTOR C
VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
1	G70 20BR/TN*	SECURITY ALARM (HOOD OPEN)	81
2	—	—	—
3	G18 20PK/DB*	LOW ENGINE COOLANT	37
4	L4 16VT/OR*	LOW BEAM FEED	32 33,34
5	L3 16RD/OR*	HIGH BEAM FEED	32,83
	G34 16RD/GY*	HIGH BEAM INDICATOR LAMP	
6	L64 18TN/DB*	RIGHT FRONT TURN SIGNAL	32
7	L90 18DB/RD*	PARK LAMP FEED	32,36
8	G36 20BR/GY*	ENGINE OIL LEVEL SENSOR	37
9	107 20BK/RD*	4WD PART TIME/LOW RANGE	38,50
10	—	—	—
11	G28 20LG/OR*	2WD/REAR WHEEL AND ALL TIME	38,50
12	C90 20LG	A/C SELECT SIGNAL	71,73
13	G34 16RD/GY*	HIGH BEAM INDICATOR LAMP	30,69
14	V30 20DB/LG*	STOP LAMP SWITCH TO VEHICLE SPEED CONTROL	27

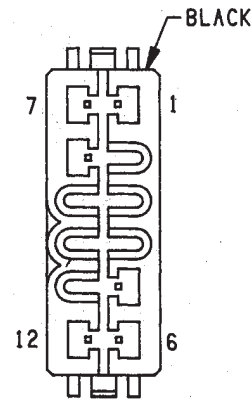


CONNECTOR D
VIEWED FROM TERMINAL END

CONNECTORS TO 100 WAY
INSTRUMENT PANEL WIRING



CONNECTOR E
VIEWED FROM TERMINAL END



CONNECTOR F
VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
1	A64 140R/DB*	FUEL PUMP FEED	13,19,52
2	F20 18WT	AIRBAG FEED	12,67
3	G5 18DB/YL*	IGNITION RUN/START FEED	11,67,70
4	A41 16YL/BK*	ENGINE STARTER RELAY	10,12
5	L53 20BR	TCU BRAKE (-)	17,23,27
6	106 20GY/YL*	4WD FULL TIME	38,50
7	Z2 18BK/LG*	ELECTRONIC GROUND	41,67,70
8	R41 18BK/TN*	AIRBAG SYSTEM WARNING LAMP	67,69
9	G7 20WT/OR*	VEHICLE SPEED SIGNAL	16,22
10	D41 20LG/WT*	HEVAC SENSOR RETURN	73
11	C8 20DG/RD*	AMBIENT TEMP SENSOR (HEVAC)	73
12	—	—	—
13	L10 18BR/LG*	BACK-UP LAMP SIGNAL	49,96
14	A1 12RD/WT*	IGNITION SWITCH FEED	8,11

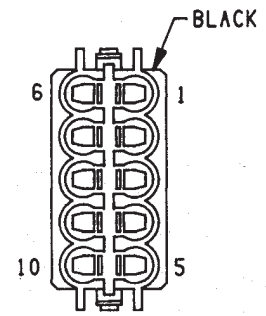
CAV	CIRCUIT	FUNCTION	SHEET
1	A2 10PK/BK*	IGNITION SWITCH FEED	11
2	—	—	—
* 3	D1 20VT/BR*	CCD(+)	66,83
	D1 20VT/BR*	CCD(+)	
* 4	D2 20WT/GY*	CCD(-)	66,83
	D2 20WT/GY*	CCD(-)	
5	A7 12RD/YL*	FUSE BLOCK FEED	7,27 29,54,58, 61,70,80, 87,89
6	A6 14RD/LB*	EXTERIOR LAMPS FEED	30,33
7	A21 12DB/GY*	IGNITION RUN/START FEED	8,11
8	A4 16RD/DG*	IOD FEED	7,45, 81,83,89
9	X2 18DG/YL*	HORN RELAY TO HORN	29
10	L35 20BR/RD*	FOG LAMP SWITCH TO RELAY	33
11	V33 20WT/LG*	VEHICLE SPEED CONTROL SWITCH (RESUME)	27
12	Z1 16BK	GROUND	29,44,86

*--INDICATES TWISTED PAIR

CONNECTORS TO 100 WAY
INSTRUMENT PANEL WIRING

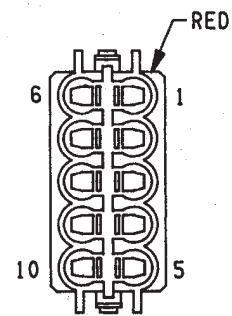
CAV	CIRCUIT	FUNCTION	SHEET
1	G25 20LG/BK*	ENGLISH/METRIC SWITCH	41
2	F81 14TN	POWER SUNROOF FEED	94,101
3	Z2 20BK/OR*	ELECTRONIC GROUND	41,70
4	Z1 14BK	GROUND	44,47,86
	Z1 20BK	GROUND	44,47,86
5	G44 20VT/WT*	FUEL USAGE MONITOR	42,52
6	E2 20OR	I/P ILLUMINATION	42,43
7	L90 20DB/RD*	PARK LAMP FEED	36,42
* 8	D1 20VT/BR*	CCD(+)	41,66,83
* 9	D2 20WT/BK*	CCD(-)	41,66,83
10	G71 20VT/YL*	SECURITY ALARM DECKLID KEY CYLINDER	84,90

* - INDICATES TWISTED PAIR



CONNECTOR G
VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
1	M1 20PK	COURTESY LAMPS	46,47
2	—	—	—
3	M2 20YL	SWITCHED GROUND	45,47
4	F60 20RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	42,89
5	M9 20DB/OR*	ILLUMINATED ENTRY SIGNAL	48,90
6	P35 20OR/VT*	SWITCH TO RELAY (LOCK)	82,90
7	P36 20PK/VT*	SWITCH TO RELAY (UNLOCK)	82,90
8	G49 20PK/OR*	SECURITY ALARM TO SAM	82,90
9	L10 20BR/LG*	BACK-UP LAMP FEED	49,96
10	F83 20YL/DG*	FUSED IGNITION 'B' CONV ITEMS	42,90

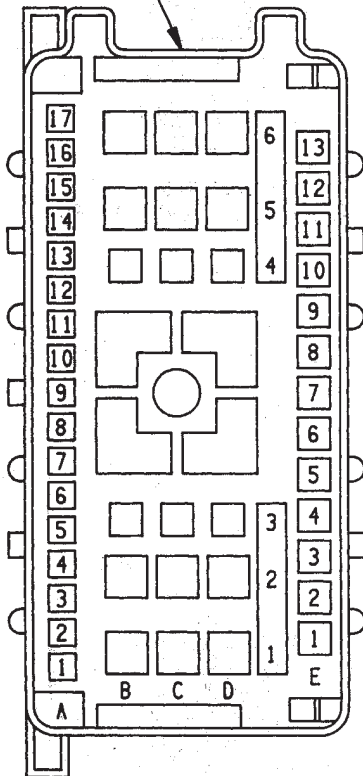


CONNECTOR H
VIEWED FROM TERMINAL END

CONNECTORS TO 100 WAY
INSTRUMENT PANEL WIRING

LT
BODY

BLACK



VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
A1	X53 20DG	SPEAKER FEED-LEFT FRONT	59
A2	X51 20BR/YL*	SPEAKER FEED-LEFT REAR	60
A3	X55 20BR/RD*	SPEAKER RETURN-LEFT FRONT	59
A4	X57 20BR/LB*	SPEAKER RETURN-LEFT REAR	60
A5	M1 18PK	COURTESY LAMPS	45
A6	P35 200R/VT*	SWITCH TO RELAY (LOCK)	90,91
A7	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	91
A8	L50 18WT/TN*	STOP LAMP SIGNAL	97
A9	—	—	—
A10	G16 20BK/LB*	BUZZER/CHIME SWITCHED GROUND	33
A11	K102 20PK/BK*	FUEL PUMP GAUGE	52,70
A12	—	—	—
A13	G44 20VT/WT*	FUEL USAGE MONITOR	52
A14	G71 18VT/YL*	SECURITY ALARM DECK LID KEY CYLINDER	84
A15	—	—	—
A16	M2 18YL	SWITCHED GROUND	45
A17	C16 20LB/YL*	HEATED MIRROR FEED	79,85

CAV	CIRCUIT	FUNCTION	SHEET
B1	P2 18BK/WT*	RELAY FEED (LOCK)	91
B2	P34 18PK/BK*	RELAY FEED (UNLOCK)	91
B3	Z2 20BK/OR*	ELECTRONIC GROUND	52,70
B4	G46 20LB/BK*	LAMP OUTAGE-REAR	97
B5	A64 140R/BK*	FUEL PUMP FEED	13,19,52
B6	F81 14TN	POWER WINDOW FEED	94

CAV	CIRCUIT	FUNCTION	SHEET
C1	F35 14RD	POWER SEATS FEED	88
C2	—	—	—
C3	L10 18BR/LG*	BACK-UP LAMP FEED	49,96
C4	P36 20PK/VT*	SWITCH TO RELAY (UNLOCK)	90,91
C5	—	—	—
C6	—	—	—
D1	G10 20LG/RD*	SEAT BELT SWITCH	53
D2	L90 16DB/RD*	PARK LAMP FEED	36,97
D3	—	—	—
D4	G78 20TN/BK*	LIFTGATE/DECK LID AJAR SWITCH	38,46,82
D5	—	—	—
D6	—	—	—

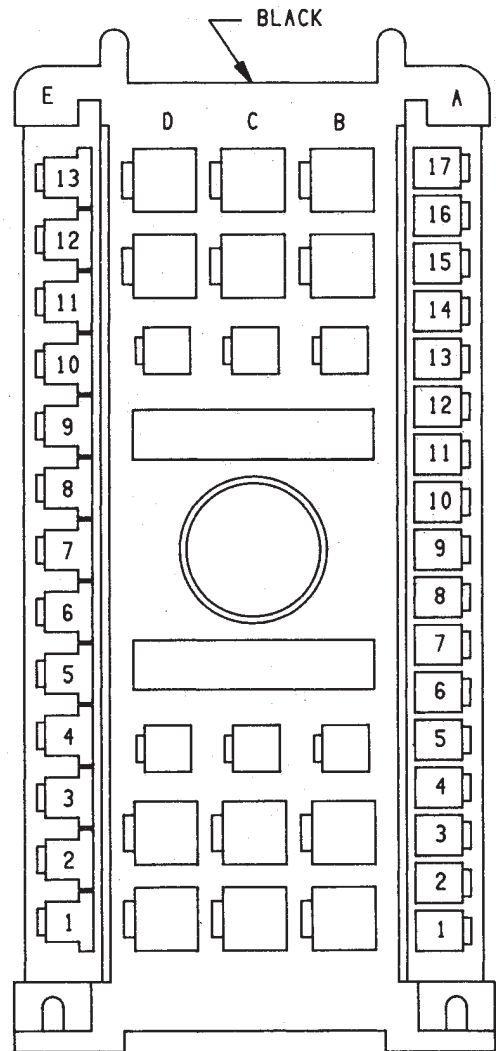
CAV	CIRCUIT	FUNCTION	SHEET
E1	G75 20TN/PK*	LEFT FRONT DOOR AJAR LIGHT	39
E2	G74 20TN/RD*	RIGHT FRONT DOOR AJAR LIGHT	39
E3	G77 20TN/OR*	LEFT REAR DOOR AJAR LIGHT	37
E4	G76 20TN/YL*	RIGHT REAR DOOR AJAR LIGHT	39
E5	L61 18LG	LEFT TURN SIGNAL	96
E6	L60 18TN	RIGHT TURN SIGNAL	96
E7	P64 20YL/OR*	MIRROR UP/DOWN MOTOR - LEFT	86
E8	P75 20DB/WT*	MIRROR RIGHT/LEFT MOTOR - LEFT	86
E9	P79 20DB/LB*	MIRROR RETURN (-) LEFT	86
E10	E2 200R	I/P ILLUMINATION	43
E11	G9 20GY/BK*	BRAKE BULB CHECK	11,69
E12	F87 18WT/BK*	FUSED IGNITION 'C' CLUSTER/SAM	97
E13	L36 18LG/BK*	REAR FOG LAMP LOAD (BUX)	97

LEFT BODY TO 48 WAY
INSTRUMENT PANEL WIRING

CAV	CIRCUIT	FUNCTION	SHEET
A1	X53 20DG	SPEAKER FEED-LEFT FRONT	59
A2	X51 20BR/YL*	SPEAKER FEED-LEFT REAR	60
A3	X55 20BR/RD*	SPEAKER RETURN-LEFT FRONT	59
A4	X57 20BR/LB*	SPEAKER RETURN-LEFT REAR	60
A5	M1 18PK	COURTESY LAMPS	45
A6	P35 20OR/VT*	SWITCH TO RELAY (LOCK)	90,91
A7	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	91
A8	L50 18WT/TN*	STOP LAMP SIGNAL	97
A9	—	—	—
A10	G16 18BK/LB*	BUZZER/CHIME SWITCHED GROUND	33
A11	K102 20PK/BK*	FUEL PUMP GAUGE	52,70
A12	—	—	—
A13	G44 20VT/TN*	FUEL USAGE MONITOR	52
A14	G71 20VT/YL*	SECURITY ALARM DISARM SIG	84
A15	—	—	—
A16	M2 20YL	SWITCHED GROUND	45
A17	C16 18LB/YL*	HEATED MIRROR FEED	79,85

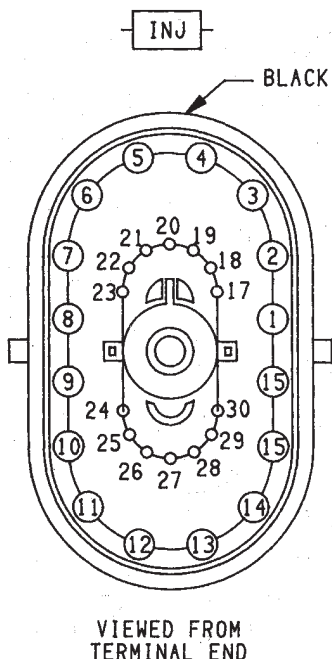
CAV	CIRCUIT	FUNCTION	SHEET
B1	P2 18BK/WT*	RELAY FEED (LOCK)	91
B2	P34 18PK/BK*	RELAY FEED (UNLOCK)	91
B3	Z2 20BK/LG*	ELECTRONIC GROUND	52,70
B4	G46 20LB/BK*	LAMP OUTAGE-REAR	97
B5	A64 14OR/DB*	FUEL PUMP FEED	13,19,52
B6	F81 14TN	POWER WINDOW FEED	94
C1	F35 14RD	POWER SEATS FEED	88
C2	—	—	—
C3	L10 18BR/LG*	BACK-UP LAMP FEED	49,96
C4	P36 20PK/VT*	SWITCH TO RELAY (UNLOCK)	90,91
C5	—	—	—
C6	—	—	—
D1	G10 20LB/RD*	SEAT BELT SWITCH	53
D2	L90 18OB/RD*	PARK LAMP FEED	36,97
D3	—	—	—
D4	G78 20TN/BK*	LIFTGATE/DECKLID AJAR SWITCH	38,46,82
D4	G78 20TN/BK*	LIFTGATE/DECKLID AJAR SWITCH	
D5	—	—	—
D6	—	—	—

CAV	CIRCUIT	FUNCTION	SHEET
E1	G75 20TN/PK*	LEFT FRONT DOOR AJAR LIGHT	39
E2	G74 20TN/RD*	RIGHT FRONT DOOR AJAR LIGHT	39
E3	G77 20TN/OR*	LEFT REAR DOOR AJAR LIGHT	37
E4	G76 20TN/YL*	RIGHT REAR DOOR AJAR LIGHT	39
E5	L61 18LG	LEFT TURN SIGNAL	96
E6	L60 18TN	RIGHT TURN SIGNAL	96
E7	P64 20YL/OR*	MIRROR UP/DOWN MOTOR - LEFT	86
E8	P75 20DB/WT*	MIRROR RIGHT/LEFT MOTOR-LEFT	86
E9	P79 20DB/LB*	MIRROR RETURN (-) LEFT	86
E9	P79 20DB/LB*	MIRROR RETURN (-) LEFT	
E10	E2 20OR	I/P ILLUMINATION	43
E11	G9 20GY/BK*	BRAKE BULB CHECK	11,69
E11	G9 20GY/BK*	PARK BRAKE	
E12	F87 18WT/BK*	FUSED IGNITION 'C' CLUSTER/SAM	97
E13	—	—	—



VIEWED FROM TERMINAL END

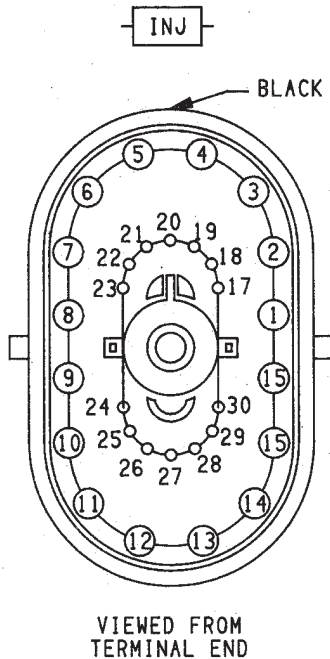
INSTRUMENT PANEL TO 48 WAY
LEFT BODY WIRING



CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	Z12 18BK/TN*	POWER GROUND	14
3	—	—	—
4	F86 16LB/RD*	IGNITION ACCESSORY FEED	13,14
5	K19 18GY/WT*	DISTRIBUTOR IGNITION COIL (-)	14
6	K20 18DG	GENERATOR FIELD	9,13
7	L10 18BR/LG*	BACK-UP LAMP FEED	49
8	—	—	—
9	A64 14OR/DB*	HEATER FEED	17
10	Z1 16BK	GROUND	50
11	A5 16PK/BK*	BATTERY	13
12	A61 18DG/BK*	IGN COIL; FUEL INJECTOR; FUEL PUMP	13,18
13	F83 18YL/DG*	FUSED IGNITION	49
14	C21 20DB/OR *	A/C LOW PRESSURE SWITCH	75
15	—	—	—
16	—	—	—
17	L53 20BR	TCU BRAKE (-)	17,27
18	V35 20LG/RD*	VEHICLE SPEED CONTROL (VENT)	28
19	V36 20TN/RD*	VEHICLE SPEED CONTROL (VACUUM)	28
* 20	D2 20WT/GY*	CCD (-)	66
* 21	D1 20VT/BR *	CCD (+)	66
22	106 20GY/OR*	4WD FULL TIME	50
23	107 20BK/RD*	PART TIME LAMP/ALL TIME	50
24	G7 18WT/OR*	VEHICLE SPEED CONTROL	16
25	V33 20WT/LG*	VEHICLE SPEED CONTROL (RESUME)	28
26	C13 20DB/RD *	A/C COMPRESSOR CLUTCH RELAY	75
27	G28 20LG/OR*	2WD/REAR WHEEL AND ALL TIME	50
28	T41 20BK/WT*	PARK/NEUTRAL POSITION SWITCH	10,50
29	C90 20LG	A/C SELECT SIGNAL	71,73
30	K81 20PK	FUEL PUMP RELAY COIL	13

* - INDICATES TWISTED PAIR

INJECTOR (4.0L) TO
ENGINE INTERCONNECT WIRING

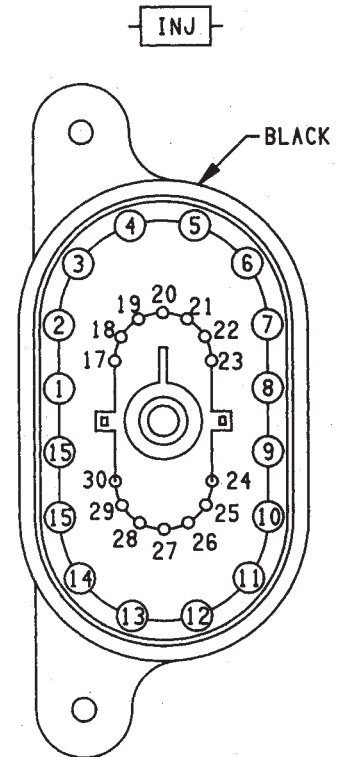


CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	Z12 18BK/TN*	POWER GROUND	20
3	T40 14LG/BK*	ENGINE STARTER RELAY	10,23
4	F86 16LB	IGNITION ACCESSORY FEED	19,20
5	K19 18GY/WT*	DISTRIBUTOR IGNITION COIL (-)	20
6	K20 18DG	GENERATOR FIELD	9,19
7	L10 18BR/LG*	BACK-UP LAMP FEED	49
8	C2 18DB/YL*	A/C COMPRESSOR CLUTCH	75
9	—	—	—
10	Z1 18BK	GROUND	29,50
11	A5 16RD	BATTERY	19
12	A61 18DG/BK*	IGN COIL; FUEL INJECTOR; FUEL PUMP	19,24
13	F83 18YL/DG*	FUSED IGNITION	49
14	C21 18DB/OR*	A/C LOW PRESSURE SWITCH	75
15	—	—	—
16	—	—	—
17	L53 20BR	TCU BRAKE (-)	23,27
18	V35 20LG/RD*	VEHICLE SPEED CONTROL (VENT)	28
19	V36 20TN/RD*	VEHICLE SPEED CONTROL (VACUUM)	28
* 20	D2 20WT/BK*	CCD (-)	66
* 21	D1 20VT/BR*	CCD (+)	66
22	106 20GY/YL*	4WD FULL TIME	50
23	107 20BK/RD*	PART TIME LAMP/ALL TIME	50
24	G7 18WT/OR*	VEHICLE SPEED SIGNAL	22
25	V33 20WT/LG*	VEHICLE SPEED CONTROL (RESUME)	28
26	C13 20DB/RD*	A/C COMPRESSOR CLUTCH RELAY	75
27	G28 20LG	2WD/REAR WHEEL AND ALL TIME	50
28	T41 20BK/WT*	PARK/NEUTRAL POSITION SWITCH	10
29	C90 20LG	A/C SELECT SIGNAL	71,73
30	K81 20PK	FUEL PUMP RELAY COIL	19

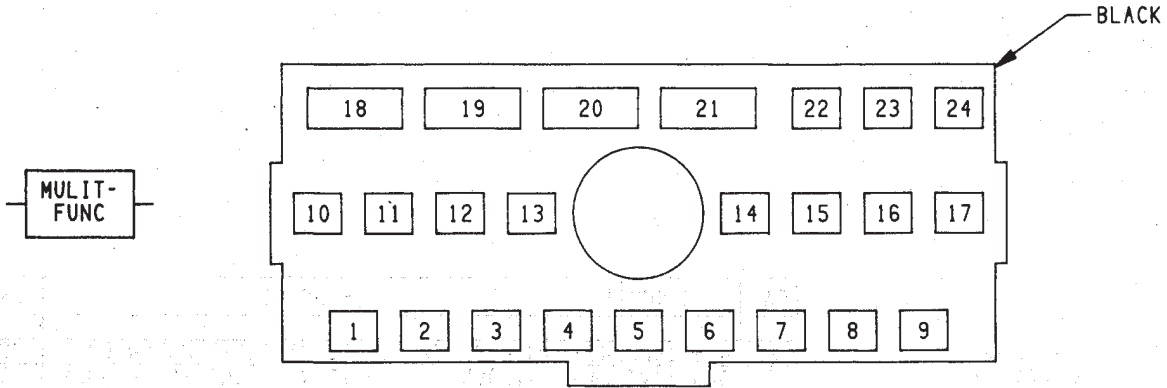
* - INDICATES TWISTED PAIR

INJECTOR (5.2L) TO
ENGINE INTERCONNECT WIRING

CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	Z12 18BK/TN*	POWER GROUND	14,20
3	T40 14LG/BK*	ENGINE STARTER RELAY	10,23
4	F86 16LB/RD*	IGNITION ACC FEED	13,14,19,20
5	K19 18GY	DISTRIBUTOR IGNITION COIL (-)	14,20
6	K20 18DG	GENERATOR FIELD	9,13,19
7	L10 18BR/LG*	BACK-UP LAMP FEED	49
8	C2 18DB/YL*	A/C COMPRESSOR CLUTCH	75
9	A64 14OR/DB*	HEATER FEED	17
10	Z1 16BK	GROUND	29,50
11	A5 16RD	BATTERY	13,19
12	A61 18DG/BK*	IGN COIL; FUEL INJECTION; FUEL PUMP	13,18,19,24
13	F83 18YL/DG*	FUSED IGNITION	49
14	C21 18DB/OR*	A/C LOW PRESSURE SWITCH	75
15	—	—	—
16	—	—	—
17	L53 20BR	TCU BRAKE (-)	17,23,27
18	V35 20LG/RD*	VEHICLE SPEED CONTROL (VENT)	28
19	V36 20TN/RD*	VEHICLE SPEED CONTROL (VACUUM)	28
20	D2 20WT/GY*	CCD (-)	66
21	D1 20VT/BR*	CCD (+)	66
22	106 20GY/YL*	4WD FULL TIME	50
23	107 20BK/RD*	PART TIME LAMP/ALL TIME	50
24	G7 20WT/OR*	VEHICLE SPEED SIGNAL	16,22
25	V33 20WT/LG*	VEHICLE SPEED CONTROL (RESUME)	28
26	C13 20DB/RD*	A/C COMPRESSOR CLUTCH RELAY	75
27	G28 20LG/OR*	2WD/REAR WHEEL AND ALL TIME	50
28	T41 20BK/WT*	PARK/NEUTRAL POSITION SWITCH	10,50
29	C90 20LG	A/C SELECT SIGNAL	71,73
30	K81 20PK	FUEL PUMP RELAY COIL	13,19

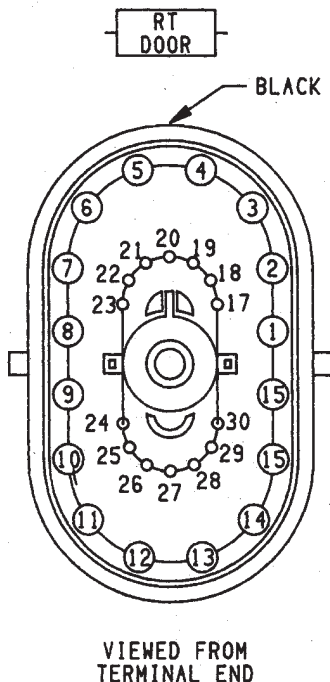


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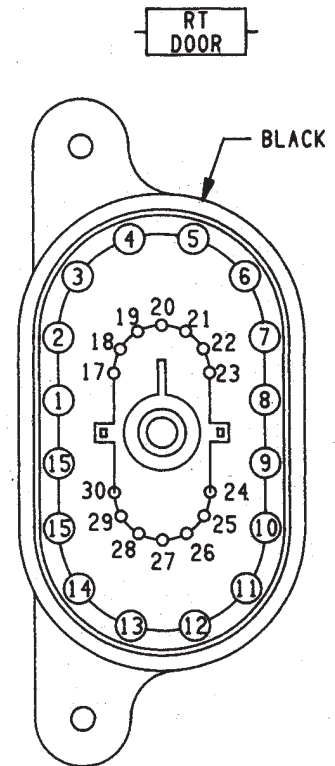
CAV	CIRCUIT	FUNCTION	SHEET
1	V50 18LG/WT*	INTERMITTENT WIPER SWITCH TO MODULE	56
2	V51 18WT	INTERMITTENT WIPER MODULE TO SWITCH	56
3	V11 18BK/TN*	WINDSHIELD WASH	56
4	F86 16LG/RD*	IGNITION ACCESSORY FEED	56
	F86 16LG/RD*	IGNITION ACCESSORY FEED	
5	V4 16RD/YL*	WIPER - HIGH SPEED	56
6	V3 16BR/WT*	WIPER - LOW SPEED	56
	V3 16BR/WT*	WIPER - LOW SPEED	
7	V6 16DB	WIPER - PARK FEED	56
8	V6 16DB	WIPER - PARK FEED	56
9	V3 16BR/WT*	WIPER - LOW SPEED	56
10	—	—	—
11	L64 18TN/DB*	RIGHT FRONT TURN SIGNAL	58
12	L60 18TN	RIGHT TURN TO TAIL LAMP	58
13	L12 16VT/TN*	HAZARD FLASHER TO SWITCH	58
14	—	—	—
15	L61 18LG	LEFT TURN TO TAIL LAMP	58
16	L65 18LG/DB*	LEFT FRONT TURN SIGNAL	58
17	L5 16BK/OR *	TURN SIGNAL FLASHER UNIT FEED	58
18	L4 16VT/OR *	LOW BEAM FEED	33
	L4 16VT/OR *	LOW BEAM FEED	
19	F34 14TN/BK*	HEADLAMP SWITCH BREAKER TO STRG COL	33
	F34 14TN/BK*	HEADLAMP SWITCH BREAKER TO STRG COL	
20	L3 16RD/OR *	HIGH BEAM FEED	33
	L3 16RD/OR *	HIGH BEAM FEED	
21	L11 16LG/BK*	FLASH TO PASS/SAM	33
	L11 16LG/BK*	FLASH TO PASS/SAM	
22	—	—	—
23	—	—	—
24	—	—	—



CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	Q16 14BR/WT*	WINDOW SWITCH TO RT FRONT MOTOR UP	95
3	Q26 14VT/WT*	WINDOW SWITCH TO RT FRONT MOTOR DOWN	95
4	—	—	—
5	—	—	—
6	—	—	—
7	—	—	—
8	C16 18LB/YL*	HEATED MIRROR FEED	85
9	—	—	—
10	Q1 14YL/GY*	POWER WINDOW MASTER SWITCH FEED OUT	95
11	M1 18PK	COURTESY LAMPS	46
12	Z1 18BK	GROUND	86
13	P2 18BK/WT*	RELAY FEED (LOCK)	92
14	P34 18PK/BK*	RELAY FEED (UNLOCK)	92
15	—	—	—
16	—	—	—
17	—	—	—
18	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	91
19	P35 20OR/VT*	SWITCH TO RELAY (LOCK)	91
20	P36 20PK/VT*	SWITCH TO RELAY (UNLOCK)	91
21	M2 20YL	SWITCHED GROUND	46
22	P78 20YL/LG*	MIRROR UP/DOWN MOTOR - RIGHT	85
23	—	—	—
24	G72 20DG/OR*	ILLUMINATED ENTRY SIGNAL	48, 90
25	P77 20WT/BK*	MIRROR RIGHT/LEFT MOTOR-RIGHT	85
26	P79 20DB/LB*	MIRROR RETURN (—) LEFT	85
27	—	—	—
28	X54 20VT	SPEAKER FEED - RIGHT FRONT	60
29	X56 20DB/RD*	SPEAKER RETURN - RIGHT FRONT	60
30	—	—	—

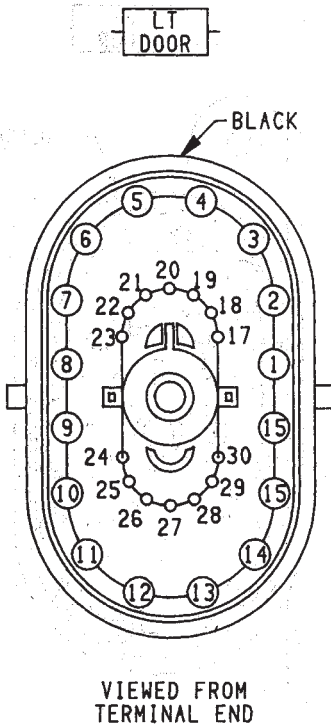
RIGHT DOOR JUMPER TO
RIGHT FRONT DOOR WIRING

CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	Q16 14BR/WT*	WINDOW SWITCH TO RT FRONT MOTOR UP	95
3	Q26 14VT/WT*	WINDOW SWITCH TO RT FRONT MOTOR DOWN	95
4	—	—	—
5	—	—	—
6	—	—	—
7	—	—	—
8	C16 18LB/YL*	HEATED MIRROR FEED	85
9	—	—	—
10	Q1 14YL/GY*	POWER WINDOW MASTER SWITCH FEED OUT	95
11	—	—	—
12	Z1 18BK	GROUND	86
13	P2 18BK/WT*	RELAY FEED (LOCK)	92
14	P34 18PK/BK*	RELAY FEED (UNLOCK)	92
15	—	—	—
16	—	—	—
17	—	—	—
18	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUIT	91
19	P35 20OR/VT*	SWITCH TO RELAY (LOCK)	91
20	P36 20PK/VT*	SWITCH TO RELAY (UNLOCK)	91
21	—	—	—
22	P78 20YL/LG*	MIRROR UP/DOWN MOTOR - RIGHT	85
23	—	—	—
24	—	—	—
25	P77 20WT/BK*	MIRROR RIGHT/LEFT MOTOR RIGHT	85
26	P79 20DB/LB*	MIRROR RETURN (—) LEFT	85
27	—	—	—
28	X54 20VT	SPEAKER FEED - RIGHT FRONT	60
29	X56 20DB/RD*	SPEAKER RETURN - RIGHT FRONT	60
30	—	—	—



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RIGHT FRONT DOOR TO
RIGHT FRONT DOOR JUMPER WIRING

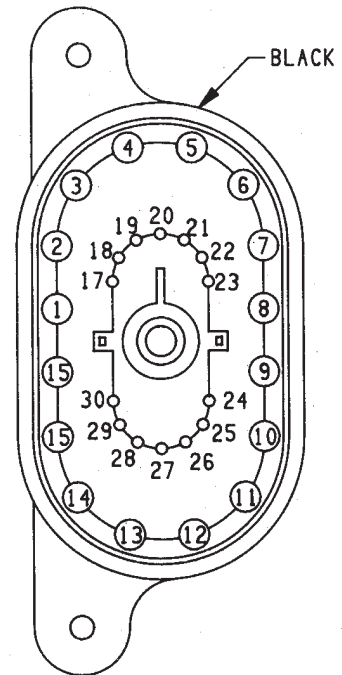


CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	Q16 14BR/WT*	WINDOW SWITCH TO RT FRONT MOTOR UP	93
3	Q26 14VT/WT*	WINDOW SWITCH TO RT FRONT MOTOR DOWN	93
4	F81 14TN	POWER WINDOW FEED	93
5	Q18 14GY/BK*	WINDOW SWITCH TO RT REAR MOTOR UP	93
6	Q17 14DB/WT*	WINDOW SWITCH TO LT REAR MOTOR UP	93
7	Q28 14DG/WT*	WINDOW SWITCH TO RT REAR MOTOR DOWN	93
8	C16 18LB/YL*	HEATED MIRROR FEED	85
9	Q27 14RD/BK*	WINDOW SWITCH TO LT REAR MOTOR DOWN	93
10	Q1 14YL/GY*	POWER WINDOW MASTER SWITCH FEED OUT	93
11	M1 18PK	COURTESY LAMPS	46
12	Z1 14BK	GROUND	85
13	P2 18BK/WT*	RELAY FEED (LOCK)	92
14	P34 18PK/BK*	RELAY FEED (UNLOCK)	92
15	—	—	—
16	—	—	—
17	—	—	—
18	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	91
19	P35 20OR/VT*	SWITCH TO RELAY (LOCK)	91
20	P36 20PK/VT*	SWITCH TO RELAY (UNLOCK)	91
21	M2 18YL	SWITCHED GROUND	46
22	P64 20YL/OR*	MIRROR UP/DOWN - LEFT	85
23	—	—	—
24	G71 20VT/YL*	SECURITY ALARM DECK LID KEY CYLINDER	84
25	P75 20DB/WT*	MIRROR RIGHT/LEFT MOTOR - LEFT	85
26	P79 20DB/LB*	MIRROR RETURN (-) LEFT	85
27	—	—	—
28	X53 20DG	SPEAKER FEED - LEFT FRONT	59
29	X55 20BR/RD*	SPEAKER RETURN - LEFT FRONT	59
30	—	—	—

LEFT FRONT DOOR JUMPER TO
LEFT FRONT DOOR WIRING

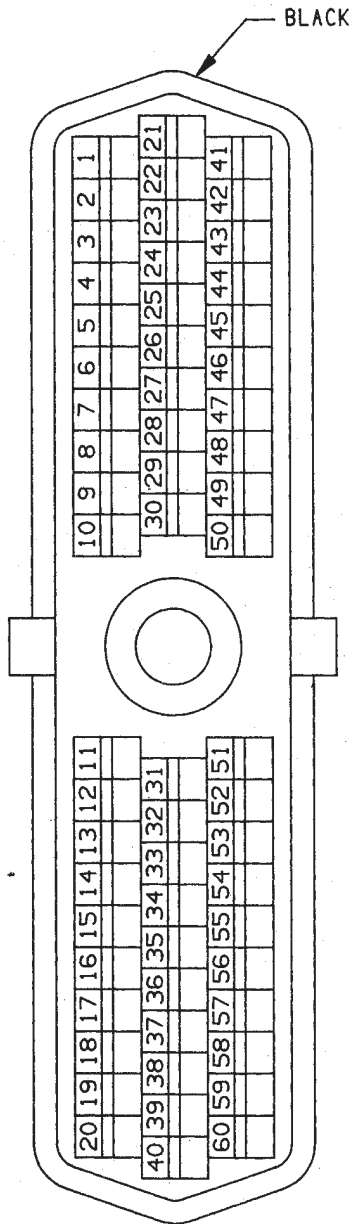
CAV	CIRCUIT	FUNCTION	SHEET
1	—	—	—
2	Q16 14BR/WT*	WINDOW SWITCH TO RT FRONT MOTOR UP	93
3	Q26 14VT/WT*	WINDOW SWITCH TO RT FRONT MOTOR DOWN	93
4	F81 14TN	POWER WINDOW FEED	93
5	Q18 14GY/BK*	WINDOW SWITCH TO RT REAR MOTOR UP	93
6	Q17 14DB/WT*	WINDOW SWITCH TO LT REAR MOTOR UP	93
7	Q28 14DG/WT*	WINDOW SWITCH TO RT REAR MOTOR DOWN	93
8	C16 18LB/YL*	HEATED MIRROR FEED	85
9	Q27 14RD/BK*	WINDOW SWITCH TO LT REAR MOTOR DOWN	93
10	Q1 14YL/GY*	POWER WINDOW MASTER SWITCH FEED OUT	93
11	M1 18PK	COURTESY LAMPS	46
12	Z1 14BK	GROUND	85
13	P2 18BK/WT*	RELAY FEED (LOCK)	92
14	P34 18PK/BK*	RELAY FEED (UNLOCK)	92
15	—	—	—
16	—	—	—
17	—	—	—
18	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	91
19	P35 20OR/VT*	SWITCH TO RELAY (LOCK)	91
20	P36 20PK/VT*	SWITCH TO RELAY (UNLOCK)	91
21	M2 18YL	SWITCHED GROUND	46
22	P64 20YL/OR*	MIRROR UP/DOWN - LEFT	85
23	—	—	—
24	G71 20VT/YL*	SECURITY ALARM DECK LID KEY CYLINDER	84
25	P75 20DB/WT*	MIRROR RIGHT/LEFT MOTOR - LEFT	85
26	P79 20DB/LB*	MIRROR RETURN (-) LEFT	85
27	—	—	—
28	X53 20DG	SPEAKER FEED - LEFT FRONT	59
29	X55 20BR/RD*	SPEAKER RETURN - LEFT FRONT	59
30	—	—	—

LT
DOOR



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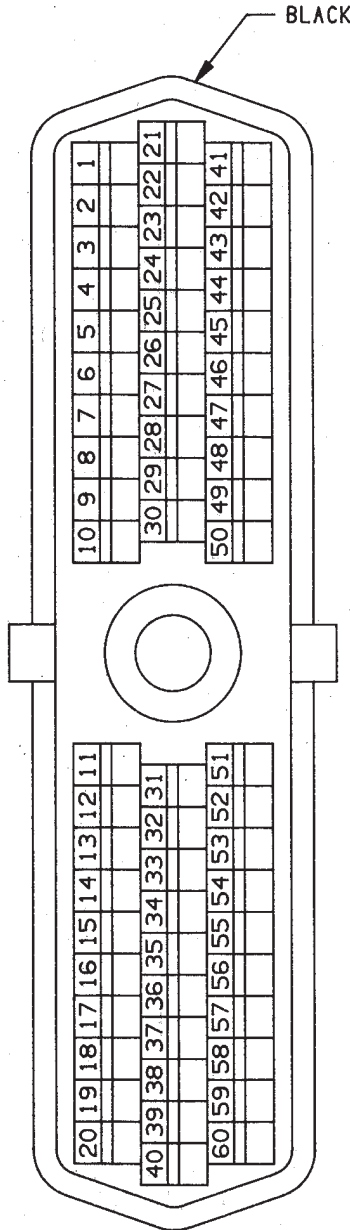
LEFT FRONT DOOR TO
LEFT FRONT DOOR JUMPER WIRING



VIEWED FROM WIRE END

* - INDICATES TWISTED PAIR

CAV	CIRCUIT	FUNCTION	SHEET
1	K70 18RD/WT*	MAP SIGNAL	15
2	K2 20TN/BK*	ENGINE COOLANT TEMPERATURE SENSOR	15
3	A5 16PK/BK*	BATTERY	13
4	K4 18BK/LB*	SENSOR GROUND	15
5	Z12 18BK/TN*	POWER GROUND (LOGIC MODULE)	14
6	K6 18VT/WT*	5 VOLT SUPPLY	15
7	K25 20WT/BK*	8 VOLT SUPPLY	16
8	—	—	—
9	F86 16LB/RD*	IGNITION ACCESSORY FEED	14
10	—	—	—
11	Z12 18BK/TN*	POWER GROUND	14
12	Z12 18BK/TN*	POWER GROUND	14
13	K14 18LB/BR*	INJECTOR 4	18
14	K13 18YL/WT*	INJECTOR 3	18
15	K12 18TN	INJECTOR 2	18
16	K11 18WT/DB*	INJECTOR 1	18
17	—	—	—
18	—	—	—
19	K19 18GY/WT*	DISTRIBUTOR IGNITION COIL (-)	14
20	K20 18DG	GENERATOR FIELD	13
21	K21 20BK/RD*	INTAKE AIR TEMPERATURE SENSOR	15
22	K22 18OR/DB*	THROTTLE POSITION (SENSOR)	15
23	—	—	—
24	K27 20RD/LG*	CRANKSHAFT POSITION SENSOR	16
25	D84 20BK	DIAGNOSTIC (DATA 2)	14
* 26	D1 20VT/BR*	CCD (+)	66
27	C21 18DB/OR*	A/C LOW PRESSURE SWITCH	75
28	C90 20LG	A/C SELECT SIGNAL	71,73
29	L53 20BR	TCU BRAKE (-)	17
30	T41 20BK/WT*	PARK/NEUT POS SW (AUTO TRANS ONLY)	17
31	—	—	—
32	G3 20BK/PK*	MAFUNCTION INDICATOR LAMP	70
33	V36 20TN/RD*	VEHICLE SPEED CONTROL (VACUUM)	28
34	C13 20DB/RD*	A/C COMPRESSOR CLUTCH RELAY	75
35	—	—	—
36	—	—	—
37	—	—	—
38	K38 18GY	INJECTOR 5	18
39	K60 18YL/BK*	IDLE AIR CONTROL (4)	18
40	K40 18BR/WT*	IDLE AIR CONTROL (2)	18
41	K41 18BK/OR*	HEATED OXYGEN SENSOR	17
42	—	—	—
43	G21 20GY/LB*	BUFFERED TACHOMETER SIGNAL	70
44	K24 18GY/BK*	CAMSHAFT POSITION SENSOR SIGNAL	16
45	D83 20BK/YL*	DIAGNOSTIC (DATA 1)	14
* 46	D2 20WT/GY*	CCD (-)	66
47	G7 18WT/OR*	VEHICLE SPEED SIGNAL	16
48	V31 20BR/RD*	VEHICLE SPEED CONTROL SWITCH (SET)	28
49	V32 20YL/RD*	VEHICLE SPEED CONTR SWITCH (IGNITION)	28
50	V33 20WT/LG*	VEHICLE SPEED CONTROL SWITCH (RESUME)	28
51	K81 20PK	FUEL PUMP RELAY COIL	13
52	—	—	—
53	V35 20LG/RD*	VEHICLE SPEED CONTROL (VENT)	28
54	K54 20OR/BK*	UPSHIFT LAMP	16
55	—	—	—
56	G24 20GY/PK*	MAINTENANCE INDICATOR	70
57	A61 18DG/BK*	IGNITION COIL: FUEL INJ: FUEL PUMP	18
58	K58 18BR/YL*	INJECTOR 6	18
59	K39 18GY/RD*	IDLE AIR CONTROL (1)	18
60	K59 18VT/BK*	IDLE AIR CONTROL (3)	18



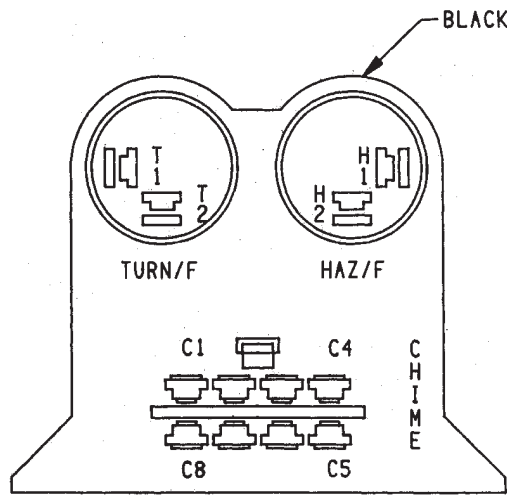
VIEWED FROM WIRE END

* - INDICATES TWISTED PAIR

CAV	CIRCUIT	FUNCTION	SHEET
1	K70 18RD/WT*	MAP SIGNAL	21
2	K2 20TN/BK*	ENGINE COOLANT TEMPERATURE SENSOR	21
3	A5 16PK/BK*	BATTERY	19
4	K4 18BK/LB*	SENSOR GROUND	21
5	Z12 18BK/TN*	POWER GROUND	20
6	K6 18VT/WT*	5 VOLTS	21
7	K25 20WT/BK*	8 VOLT SUPPLY	22
8	T40 14LG/BK*	ENGINE STARTER RELAY	23
9	F86 16LB	IGNITION ACCESSORY FEED	20
10	T9 200R/BK*	TRANSMISSION OVERDRIVE PRESSURE SIGNAL	25
11	Z12 18BK/TN*	POWER GROUND	20
12	Z12 18BK/TN*	POWER GROUND	20
13	K14 18LB/BR*	INJECTOR 4	24
14	K13 18YL/WT*	INJECTOR 3	24
15	K12 18TN	INJECTOR 2	23
16	K11 18WT/DB*	INJECTOR 1	23
17	K17 18DB/WT*	INJECTOR 7	24
18	K18 18DB/YL*	INJECTOR 8	24
19	K19 18GY/WT*	DISTRIBUTOR IGNITION COIL (-)	20
20	K20 18DG	GENERATOR FIELD	19
21	K21 20BK/RD*	INTAKE AIR TEMPERATURE SENSOR	21
22	K22 18OR/DB*	THROTTLE POSITION (SENSOR)	21
23	—	—	—
24	K27 20RD/LG*	CRANKSHAFT POSITION SENSOR	22
25	D84 20BK	DIAGNOSTIC (DATA 2)	20
* 26	D1 20VT/BR*	CCD (+)	66
27	C21 18DB/OR*	A/C LOW PRESSURE SWITCH	75
28	C90 20LG	A/C SELECT SIGNAL	71,73
29	L53 20BR	TCU BRAKE (-)	23
30	T41 20BK/WT*	PARK/NEUTRAL SWITCH	23
31	—	—	—
32	G3 20BK/PK*	MALFUNCTION INDICATOR LAMP	70
33	V36 20TN/RD*	VEHICLE SPEED CONTROL (VACUUM)	28
34	C13 20DB/RD*	A/C COMPRESSOR CLUTCH RELAY	75
35	K35 20GY/YL*	EXHAUST GAS RECIRCULATION SOLENOID	25
36	—	—	—
37	G68 20PK/OR*	TRANSMISSION OVERDRIVE LAMP	25
38	K38 18GY	INJECTOR 5	24
39	K60 18YL/BK*	IDLE AIR CONTROL (4)	24
40	K40 18BR/WT*	IDLE AIR CONTROL (2)	24
41	K41 18BK/OR*	OXYGEN SENSOR	23
42	—	—	—
43	G21 20GY/LB*	BUFFERED TACHOMETER SIGNAL	70
44	K24 18GY/BK*	CAMSHAFT POSITION SENSOR SIGNAL	22
45	D83 20BK/YL*	DIAGNOSTIC (DATA 1)	20
* 46	D2 20WT/GY*	CCD (-)	66
47	G7 18WT/OR*	VEHICLE SPEED SIGNAL	22
48	V31 20BR/RD*	VEHICLE SPEED CONTROL SWITCH (SET)	28
49	V32 20YL/RD*	VEHICLE SPEED CONTR SWITCH (IGNITION)	28
50	V33 20WT/LG*	VEHICLE SPEED CONTROL SWITCH (RESUME)	28
51	K81 20PK	FUEL PUMP RELAY COIL	19
52	K52 20PK/BK*	EVAP/PURGE SOLENOID	25
53	V35 20LG/RD*	VEHICLE SPEED CONTROL (VENT)	28
54	T6 20VT/YL*	TRANSMISSION TCC LU SOLENOID	25
55	T60 18BR/LG*	TRANSMISSION OVERDRIVE SOLENOID	25
56	G24 20GY/PK*	MAINTENANCE INDICATOR	70
57	A61 18DG/BK*	IGNITION COIL: FUEL INJ: FUEL PUMP	24
58	K58 18BR/YL*	INJECTOR 6	24
59	K39 18GY/RD*	IDLE AIR CONTROL (1)	24
60	K59 18VT/BK*	IDLE AIR CONTROL (3)	24

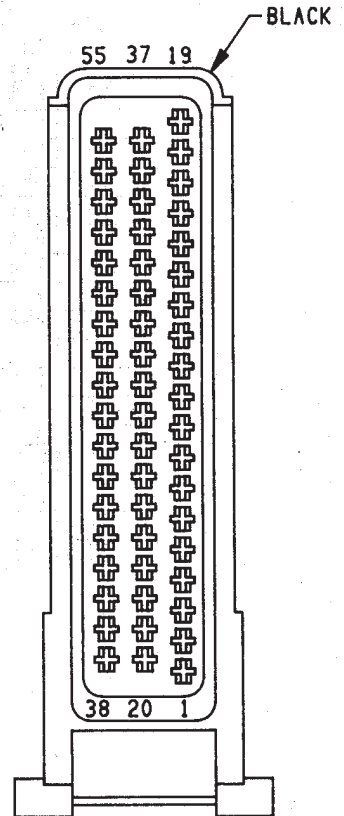
POWERTRAIN CONTROL
MODULE (PCM) CONNECTOR (5.2L)

CAV	CIRCUIT	FUNCTION	SHEET
C1	F83 18YL/DG*	FUSED IGNITION 'B' CONV ITEMS	53
C2	G11 20WT	SEAT BELT LAMP	53
C3	Z1 18BK	GROUND	53
C4	G10 20LG/RD*	SEAT BELT SWITCH	53
C5	P57 20YL/BK*	POWER DOOR LOCK INHIBIT	53
C6	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	53
C7	G26 20LB	SEAT BELT SWITCH	53
	G26 20LB	IGNITION SWITCH RETURN	
C8	G81 20DB	TONE LINE (CHIME)	54
H1	F72 16RD/YL*	HAZARD FLASHER FEED	54
H2	L12 16VT/TN*	HAZARD FLASHER TO SWITCH	54
T1	L6 16RD/TN*	FEED FROM TURN SIGNAL FLASHER	54
T2	L5 20BK/OR *	TURN SIGNAL FLASHER UNIT FEED	54
	L5 16BK/OR *	TURN SIGNAL FLASHER UNIT FEED	



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CAV	CIRCUIT	FUNCTION	SHEET
1	Z1 16BK	GROUND	62
2	B243 18DG/BK*	LEFT FRONT DECAY VALVE	62
3	235 16GY/YL*	SOLENOID (12 VOLTS)	62
4	—	—	—
5	—	—	—
6	—	—	—
7	—	—	—
8	—	—	—
9	—	—	—
10	—	—	—
11	—	—	—
12	—	—	—
13	—	—	—
14	—	—	—
15	B116 20GY	PUMP RELAY COIL B (—)	65
16	B258 20GY/LB*	PEDAL TRAVEL SENSOR	64
17	—	—	—
18	—	—	—
19	Z1 16BK	GROUND	62
20	B245 18WT/LG*	LEFT FRONT ISOLATE VALVE	62
21	B248 18DG/WT*	RIGHT FRONT DECAY VALVE	62
22	—	—	—
* 23	D1 20VT/BR *	CCD (+)	65
24	—	—	—
25	B41 20YL/VT *	ACCELERATOR SWITCH 1	64
26	B43 20PK/OR *	ACCELERATOR SENSOR	64
* 27	B2 20YL	RIGHT REAR SENSOR (+)	63
* 28	B3 20LG/DB *	LEFT REAR SENSOR (—)	63
* 29	B6 20WT/DB *	RIGHT FRONT SENSOR (—)	63
* 30	B8 20RD/DB *	LEFT FRONT SENSOR (—)	63
31	B219 20DB	BOOST PRESSURE	64
32	L50 18WT/TN *	STOP LAMP SIGNAL	64
33	235 16GY/YL *	SOLENOID (12 VOLTS)	62
34	207 18PK	RELAY	65
35	—	—	—
36	B254 18DG/DR*	DECAY MODULATOR VALVE	62
37	—	—	—
38	B249 18WT/OR*	RIGHT FRONT ISOLATE VALVE	62
39	—	—	—
40	—	—	—
41	B210 20RD/BK*	PEDAL TRAVEL SENSOR	64
* 42	D2 20WT/GY *	CCD (—)	65
43	B42 20TN/WT *	ACCELERATOR SENSOR 2	64
44	—	—	—
* 45	B1 20YL/DB *	RIGHT REAR SENSOR (—)	63
* 46	B4 20LG	LEFT REAR SENSOR (+)	63
* 47	B7 20WT	RIGHT FRONT SENSOR (+)	63
* 48	B9 20RD	LEFT FRONT SENSOR (+)	63
49	B220 20TN	BOOST PRESSURE RETURN	64
50	—	—	—
51	—	—	—
52	205 18VT/WT*	YELLOW LIGHT	62
53	236 20LG/YL *	IGNITION (12 VOLTS)	65
54	B251 18WT/RD*	REAR ISOLATE VALVE	62
55	—	—	—



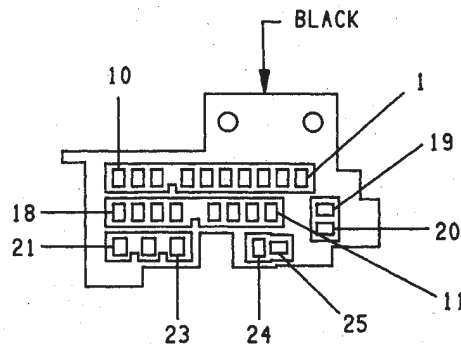
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* INDICATES TWISTED PAIRS D1•D2, B1•B2, B3•B4, B6•B7 AND B8•B9

ANTI-LOCK BRAKE SYSTEM
ELECTRONIC CONTROL MODULE CONNECTOR

ENG

CAV	CIRCUIT	FUNCTION	SHEET
1	G9 20GY/BK*	BRAKE PRESSURE	69
2	Z1 16BK	GROUND	44,56
3	L3 16RD/OR*	HIGH BEAM FEED	31,33
4	L4 16VT/OR*	LOW BEAM FEED	31,33
5	L65 18LG/DB*	LEFT FRONT TURN SIGNAL	31,57,69
	L65 18LG/DB*	LEFT FRONT TURN SIGNAL	
6	L90 18DB/RD*	PARK LAMP FEED	31,36
7	G9 20GY/BK*	PARK BRAKE	69
8	V20 18BK/OR*	REAR WASHER FEED	55
9	G29 20BK/TN*	LOW WASHER FLUID	38,55
10	205 20VT/WT*	ABS YELLOW LIGHT RELAY	62,69
11	G3 20BK/PK*	MALFUNCTION INDICATOR LAMP	69
12	G20 20VT/YL*	ENGINE COOLANT TEMPERATURE SENSOR	26,70
13	G6 20GY/WT*	ENGINE OIL PRESSURE SIGNAL	26,69
14	G21 20GY/LB*	BUFFERED TACHOMETER SIGNAL	51,70
15	G24 20GY/PK*	MAINTENANCE INDICATOR	70
16	V32 20YL/RD*	VEHICLE SPEED CONTR SWITCH (IGNITION)	27
17	V31 20BR/RD*	VEHICLE SPEED CONTROL SWITCH (SET)	27
18	K54 20OR/BK*	UPSHIFT LAMP	16,69
19	T9 20OR	TRANSMISSION OVERDRIVE PRESSURE SIGNAL	25,50,79
20	G68 20BR/YL*	TRANSMISSION OVERDRIVE LAMP	25,50,79
21	—	—	—
22	236 20LG/YL*	ABS IGNITION (12 VOLTS)	65
23	L50 18WT/TN*	STOP LAMP SIGNAL	97
	L50 18WT/TN*	STOP LAMP SIGNAL	
24	—	—	—
25	—	—	—

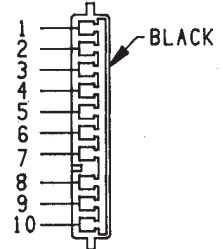


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ENGINE TO 25 WAY INTERCONNECT WIRING

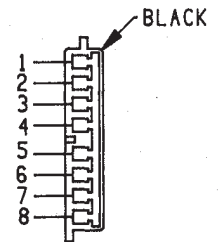
ENG

CAV	CIRCUIT	FUNCTION	SHEET
1	G9 20GY/BK*	BRAKE PRESSURE	69
2	Z1 16BK	GROUND	44,56
3	L3 16RD/OR*	HIGH BEAM FEED	31,33
4	L4 16VT/OR*	LOW BEAM FEED	31,33
5	L65 18LG/DB*	RIGHT FRONT TURN SIGNAL	31,57,69
6	L90 18DB/RD*	PARK LAMP FEED	31,36
7	G9 20GY/BK*	PARK BRAKE	69
8	V20 20BK/OR*	REAR WASHER FEED	55
9	G29 20BK/TN*	LOW WASHER FLUID	38,55
10	205 18VT/WT*	YELLOW LIGHT	62,69
	205 18VT/WT*	YELLOW LIGHT	



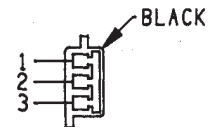
VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
1	G3 20BK/PK*	MALFUNCTION INDICATOR LAMP	69
2	G20 18VT/YL*	ENGINE COOLANT TEMPERATURE SENSOR	26,70
3	G6 20GY/WT*	ENGINE OIL PRESSURE SIGNAL	26,69
4	G21 20GY/LB*	BUFFERED TACHOMETER SIGNAL	51,70
5	G24 20GY/PK*	MAINTENANCE INDICATOR	70
6	V32 20YL/RD*	VEHICLE SPEED CONTR SWITCH (IGNITION)	27
7	V31 20BR/RD*	VEHICLE SPEED CONTROL SWITCH (SET)	27
8	K54 20OR/BK*	UPSHIFT LAMP	16,69



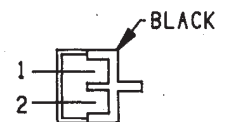
VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
1	L50 18WT/TN*	STOP LAMP SIGNAL	97
2	236 20LG/YL*	IGNITION (12 VOLTS)	65
	236 20LG/YL*	IGNITION (12 VOLTS)	
3	—	—	—



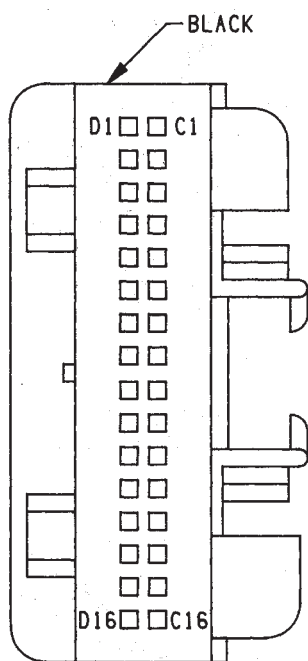
VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
1	G68 20PK/OR*	TRANSMISSION OVERDRIVE LAMP	25,50,79
2	T9 20OR/BK*	TRANSMISSION OVERDRIVE PRESSURE SIGNAL	25,50,79



VIEWED FROM TERMINAL END

INTERCONNECT TO 25 WAY
ENGINE WIRING



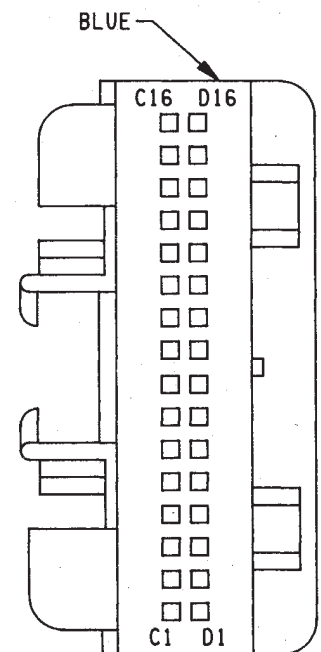
VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
C1	—	—	—
C2	—	—	—
C3	T25 18LG	TRANSMISSION GOVERNOR PRESSURE	51
C4	K22 180R/DB*	THROTTLE POSITION (SENSOR)	51
C5	T9 200R/BK*	TRANSMISSION OVERDRIVE SWITCH	50
C6	G21 20GY/LB*	BUFFERED TACHOMETER SIGNAL	51
C7	T14 18LG/WT*	TRANSMISSION OUTPUT SPEED SENSOR (+)	50
C8	A14 18RD/WT	TCU BATTERY/DIAGNOSTIC FEED	51
C9	F86 18LB/RD*	IGNITION ACCESORY FEED	49
C10	T33 18RD/YL*	SENSOR FEED (+ 5V)	51
C11	T35 18TN/OR*	SENSOR GROUND	51
C12	Z1 18BK	GROUND	50
C13	G68 20BK/OR*	TRANSMISSION OVERDRIVE LAMP	50
C14	T22 18DG/LB*	TRANSMISSION SOLENOID	51
C15	T60 18BR/YL*	TRANSMISSION SOLENOID (3-4 SHIFT)	51
C16	T59 18PK	TRANSMISSION SOLENOID (VAR FORCE)	51
D1	G7 18WT/OR*	VEHICLE SPEED SENSOR	51
D2	D5 20PK/BK*	DATA LINK (TX)	51
D3	D82 20BK/YL*	DATA LINK (RX)	49
D4	K4 18BK/LB*	THROTTLE POSITION (SENSOR) GROUND	50
D5	—	—	—
D6	T54 18VT	TRANSMISSION FLUID TEMPERATURE	51
D7	T13 18DB/BK*	TRANSMISSION OUTPUT SPEED SENSOR (-)	50
D8	A14 18RD/WT	TCU BATTERY/DIAGNOSTIC FEED	49
D9	—	—	—
D10	—	—	—
D11	—	—	—
D12	Z1 18BK	GROUND	49
D13	—	—	—
D14	—	—	—
D15	—	—	—
D16	T20 18LB/BR*	TRANSMISSION SOLENOID (FEED)	51

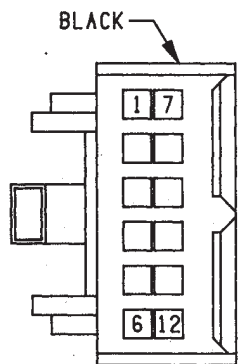
TRANSMISSION CONTROL MODULE
(TCM) CONNECTOR

CAV	CIRCUIT	FUNCTION	SHEET
C1	C37 20TN/BK*	MODE MOTOR (-)	73
C2	C35 20DB/WT*	MIX MOTOR (+)	73
C3	C39 20YL	MODE MOTOR POSITION	73
C4	—	—	—
C5	L90 18DB/RD*	PARK LAMP FEED	73
C6	C90 20LG	A/C SELECTOR SIGNAL	73
C7	—	—	—
C8	C40 20DG/YL*	5 VOLT REFERANCE	74
C9	C43 18BR/YL*	BLOWER DRIVE	74
* C10	D1 20VT/BR*	CCD (+)	73
* C11	D2 20WT/GY*	CCD (-)	73
C12	F71 20PK/DG*	HEVAC IGNITION FEED	73
C13	F60 18RD/WT*	FUSED BATTERY 'A' MEMORY CIRCUITS	73
C14	C36 20DB/RD*	MIX MOTOR POSITION	73
C15	G25 20LG/BK*	ENGLISH/METRIC SWITCH	73
C16	—	—	—
D1	C38 20DG	MODE MOTOR (+)	74
D2	C42 18BR/RD*	BLOWER FEEDBACK	74
D3	C32 20LB/BK*	RECIRCULATION MOTOR POSITION	73
D4	C33 20VT/OR*	FRESH MOTOR POSITION	73
D5	C41 18BR	HIGH BLOWER RELAY	74
D6	C34 20VT/WT*	MIX MOTOR (-)	73
D7	Z4 20BK	HEVAC REFERENCE GROUND	74
D8	—	—	—
D9	D41 20LG/WT*	HEVAC SENSOR RETURN	74
D10	—	—	—
D11	—	—	—
D12	C10 20RD/TN*	INTERIOR AMBIENT TEMPERATURE SENSOR FEED	74
D13	E2 20OR	I/P ILLUMINATION	73
D14	C8 20DG/RD*	HEVAC AMBIENT TEMPERATURE SENSOR	74
D15	C47 20BK/WT*	SOLAR SENSOR	74
D16	—	—	—

* - INDICATES TWISTED PAIR



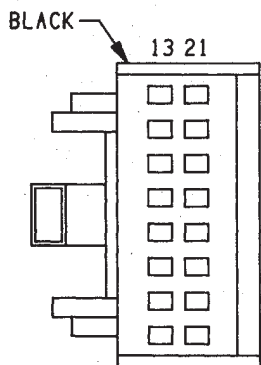
VIEWED FROM TERMINAL END



VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
* 1	D2 20WT/GY*	CCD (-)	83
* 2	D1 20VT/BR*	CCD (+)	83
3	F87 18WT/BK*	FUSE IGNITION 'C' CLUSTER/SAM	84
4	G71 20VT/YL*	SECURITY ALARM KEY CYLINDER	84
5	G49 20PK/OR*	SECURITY ALARM	82
6	X4 20GY/OR*	HORN SWITCH	81
7	L90 18DB/RD*	PARK LAMP FEED	81
8	M2 20YL	SWITCHED GROUND	81
9	X3 18BK/TN*	SECURITY ALARM FEED (B+)	81
10	G78 20TN/BK*	LIFTGATE AJAR	82
11	Z1 18BK	GROUND	84
12	G70 20BR/TN*	SECURITY ALARM (HOOD OPEN)	81

* INDICATES TWISTED PAIR



VIEWED FROM TERMINAL END

CAV	CIRCUIT	FUNCTION	SHEET
13	—	—	—
14	G79 20TN/PK*	HEADLAMP OUTPUT	83
15	G69 20BK/OR*	SET TELLTALE	81
16	P36 20PK/VT*	SWITCH TO RELAY (UNLOCK)	82
17	P35 20OR/VT	SWITCH TO RELAY (LOCK)	82
18	—	—	—
19	Z1 18BK	GROUND	84
20	F86 16LG/RD*	IGNITION ACCESSORY FEED	82
21	L11 16LG/BK*	FLASH TO PASS	83
22	—	—	—
23	—	—	—
24	—	—	—
25	—	—	—
26	—	—	—
27	—	—	—
28	—	—	—