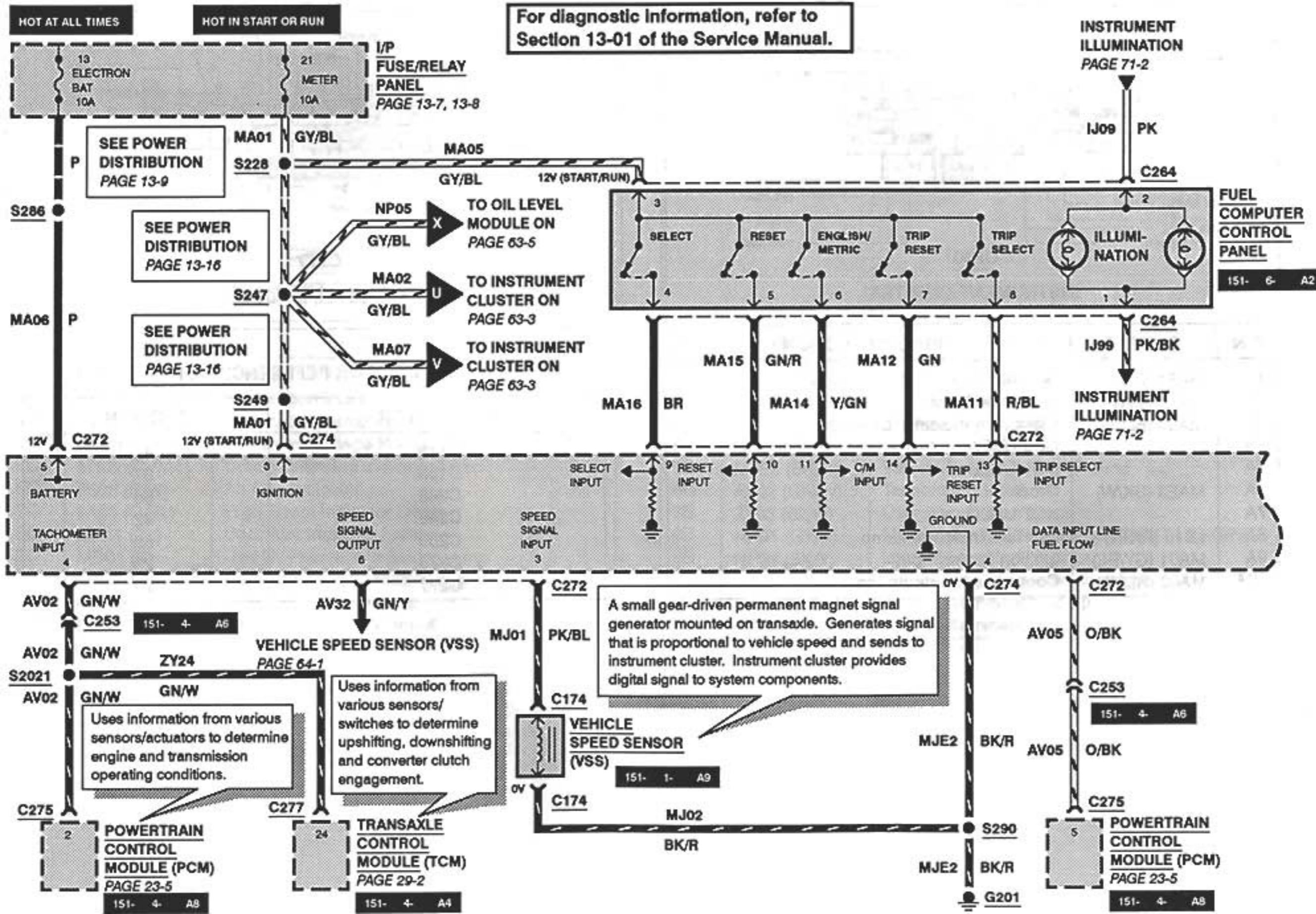


63-1 INSTRUMENT CLUSTER (ELECTRONIC)

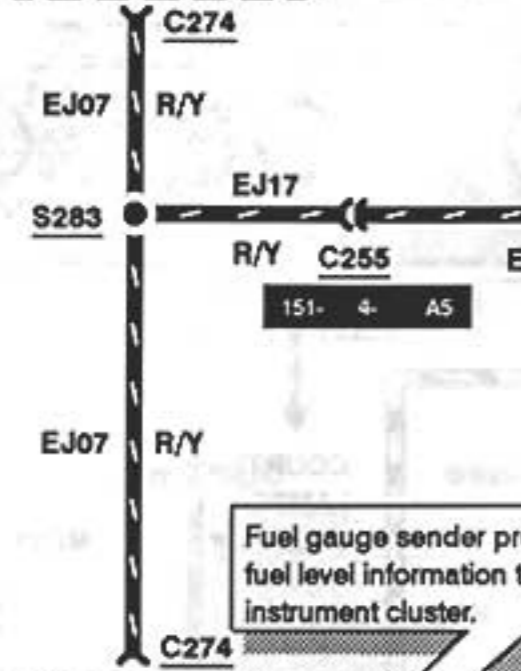
1994 VILLAGER

For diagnostic information, refer to Section 13-01 of the Service Manual.

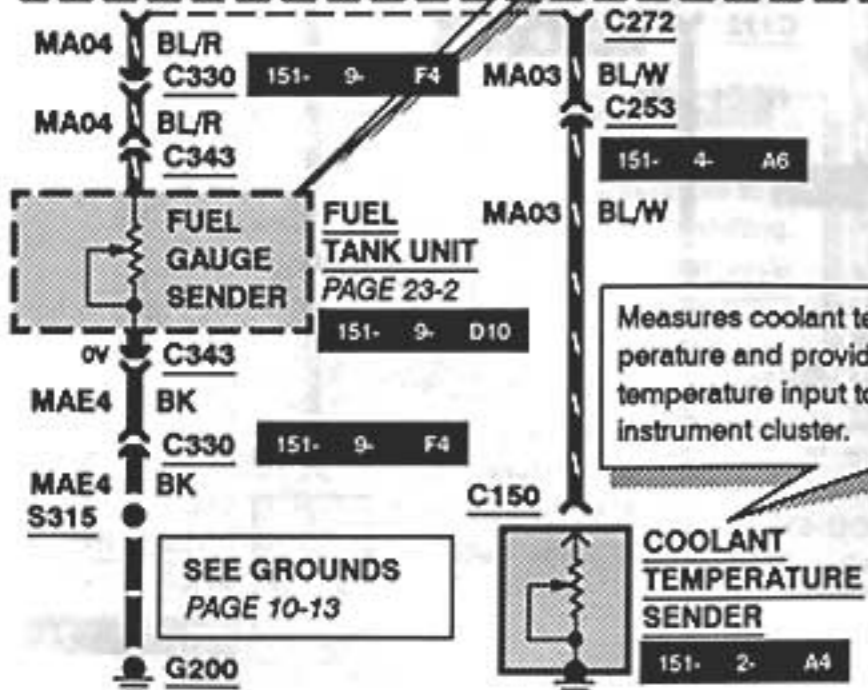
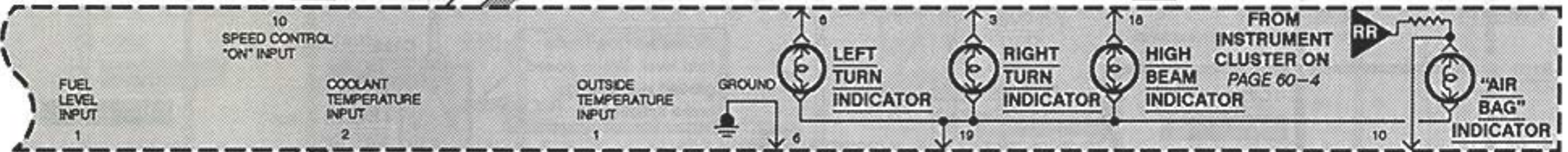
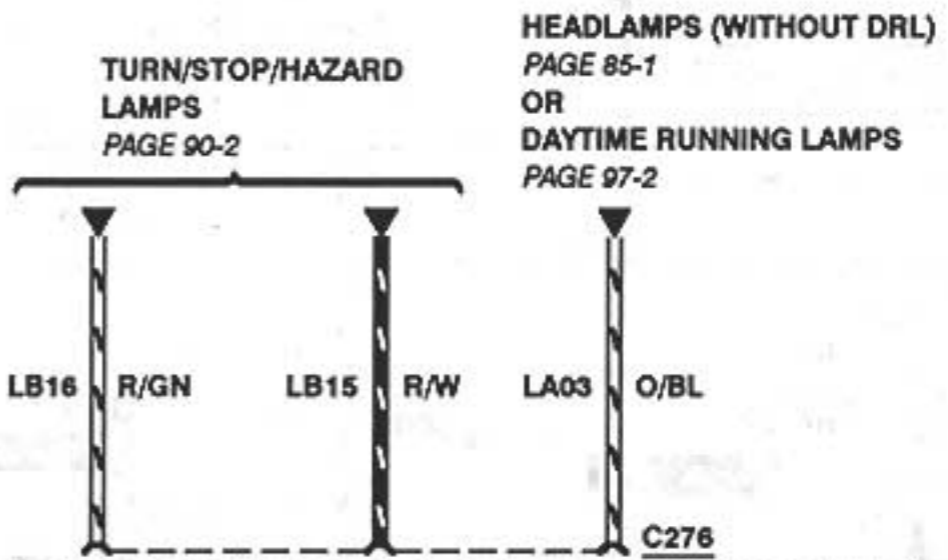
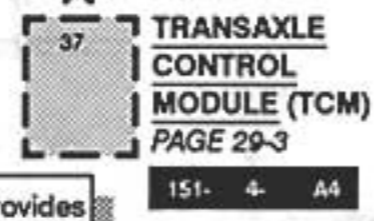




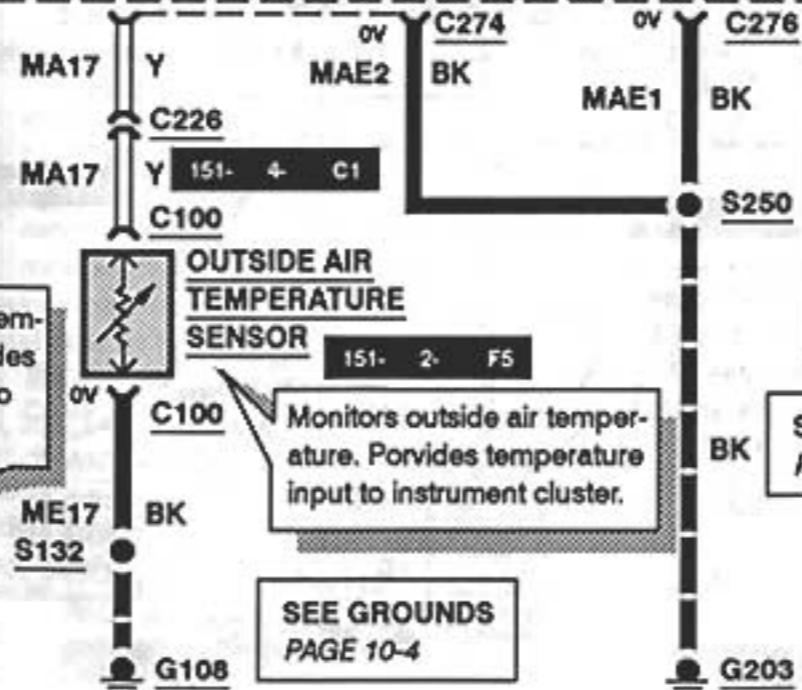
A combined module/servo device which controls an actuator cable controlling the throttle.



Fuel gauge sender provides fuel level information to instrument cluster.



Measures coolant temperature and provides temperature input to instrument cluster.



Monitors outside air temperature. Provides temperature input to instrument cluster.

Microcomputer that monitors air bag electrical system components and connections. Performs self test and displays faults by coded lamp display. Disarms system if certain faults occur and provides a tone if indicator lamp malfunctions.

SEE GROUNDS PAGES 10-10, 10-12



SEE GROUNDS PAGE 10-13

SEE GROUNDS PAGE 10-4

G200

151- 2- A4

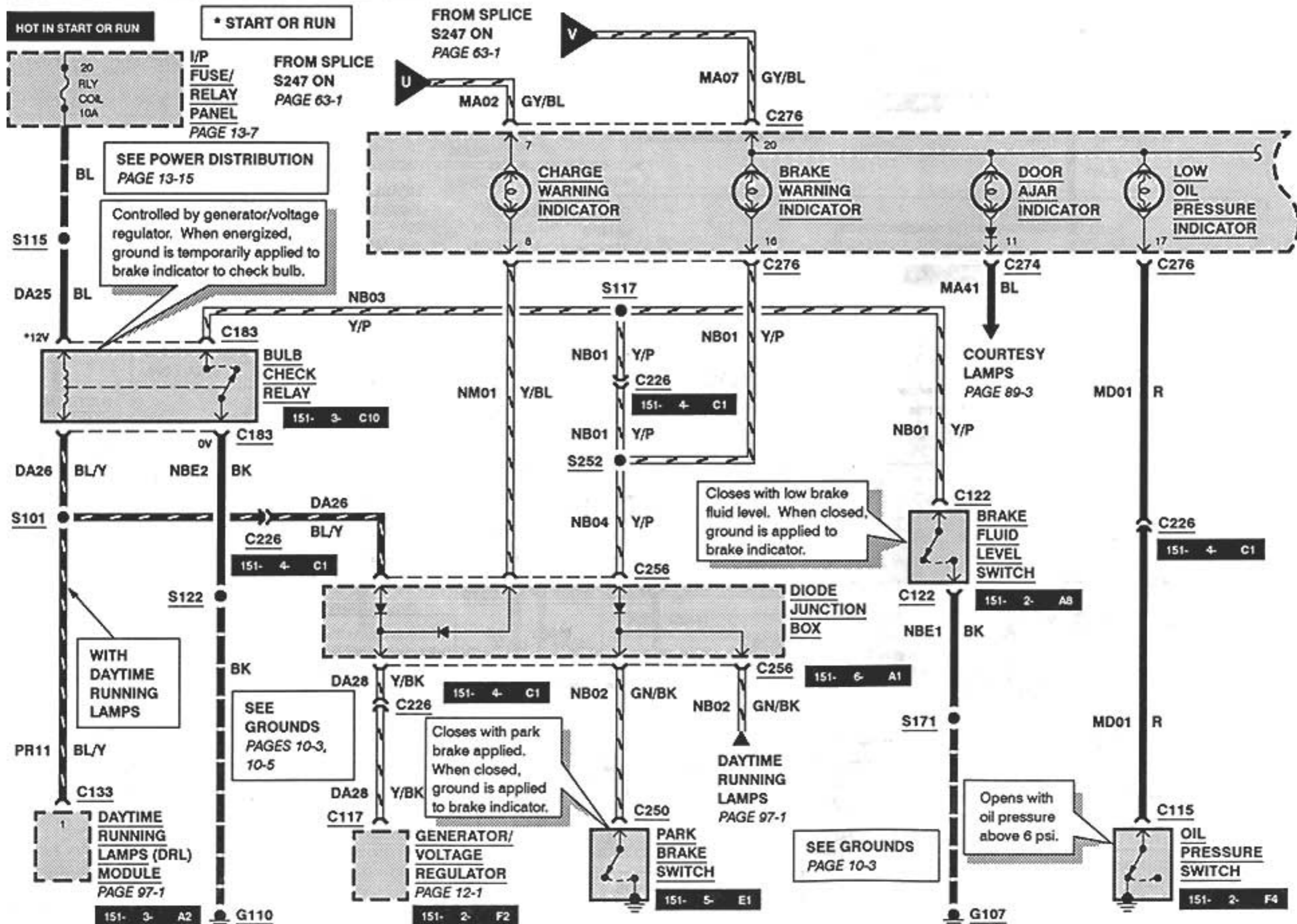
G108

G203

151- 4- B1

63-3 INSTRUMENT CLUSTER (ELECTRONIC)

1994 VILLAGER

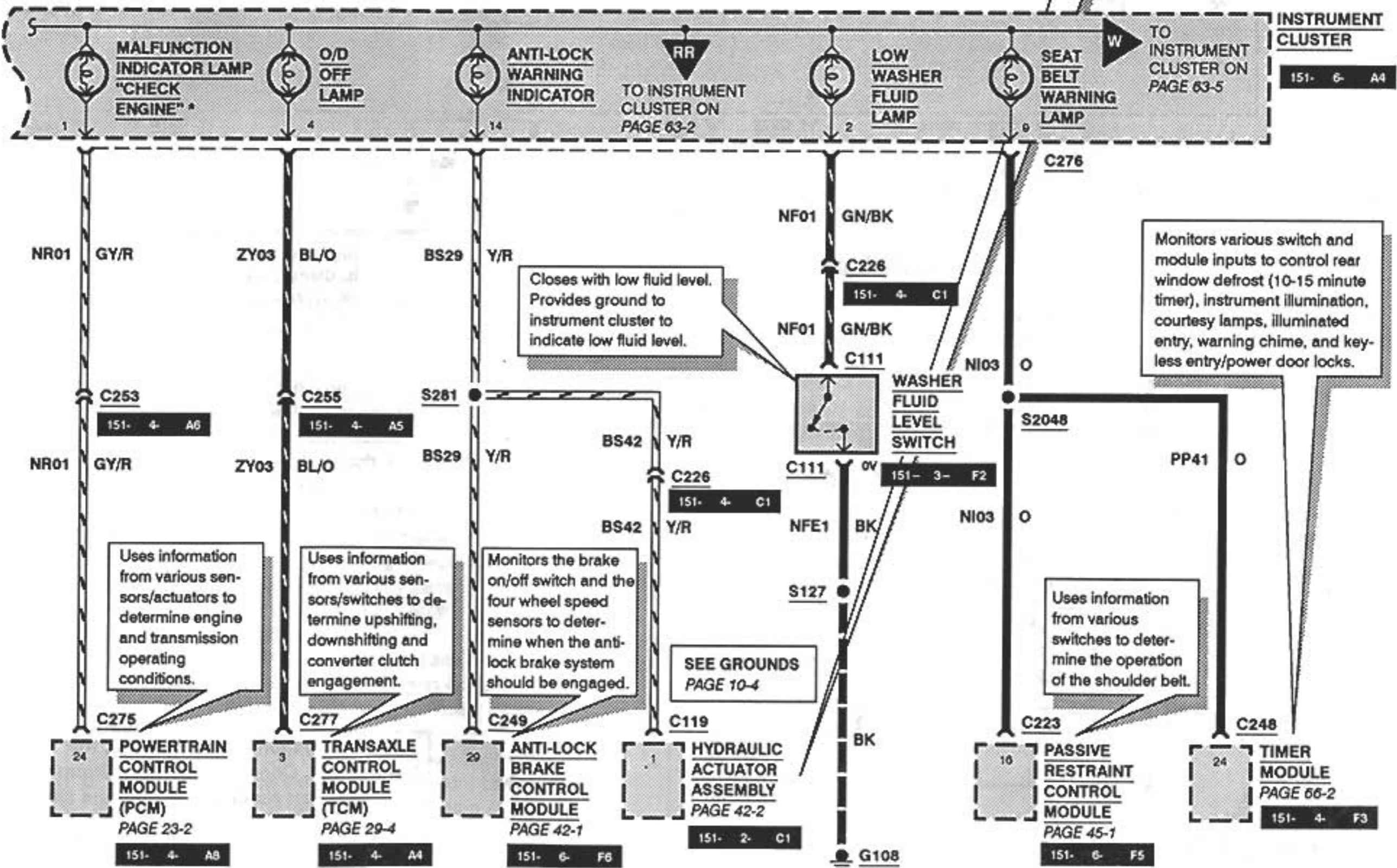


INSTRUMENT CLUSTER (ELECTRONIC) 63-4

1994 VILLAGER

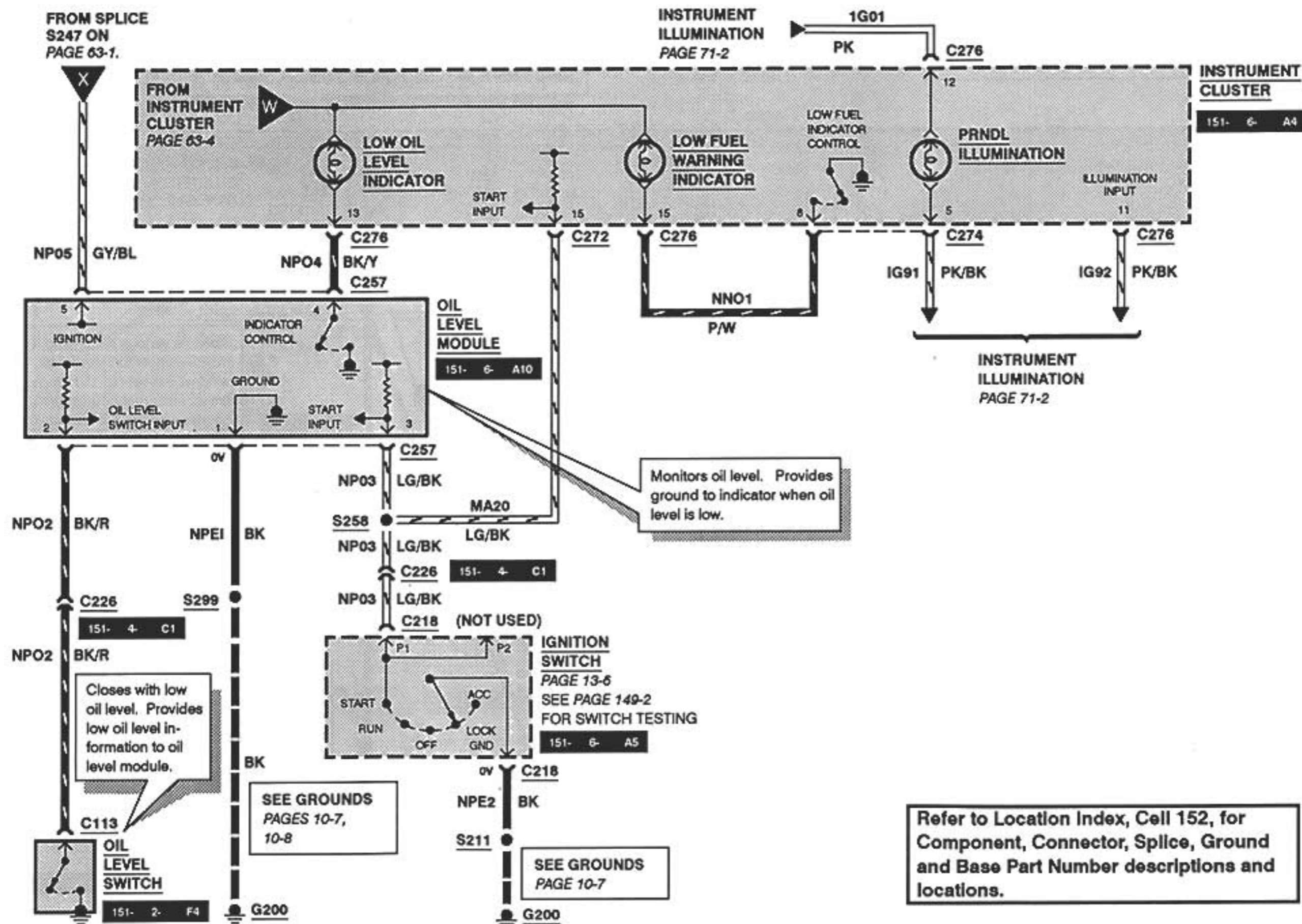
* FOR DIAGNOSTIC INFORMATION, REFER TO THE POWERTRAIN CONTROL/EMISSIONS DIAGNOSIS MANUAL

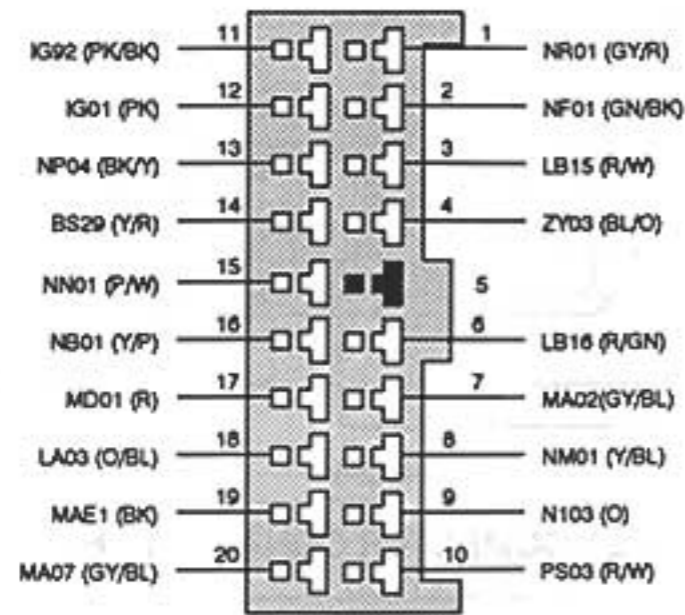
Contains the front and rear solenoid valves and the pump motor. The anti-lock brake control module controls wheel lock up by providing a pulsed ground to the solenoid valves. The pump motor is also activated during anti-lock operation.



63-5 INSTRUMENT CLUSTER (ELECTRONIC)

1994 VILLAGER

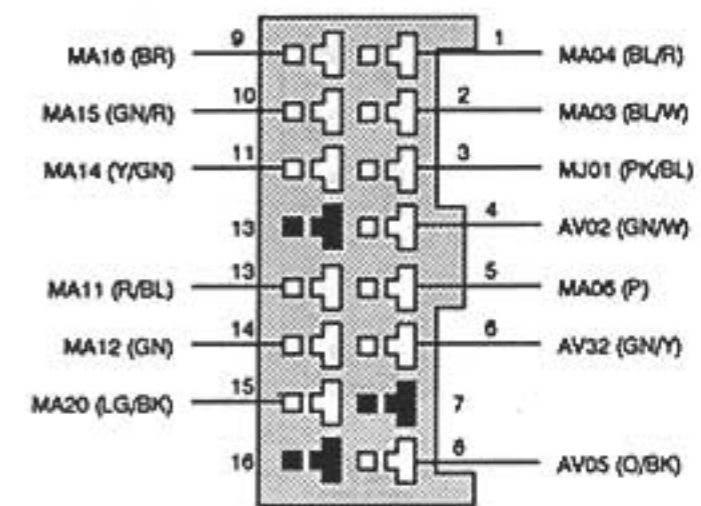




C276

INSTRUMENT CLUSTER

PIN	CIRCUIT	CIRCUIT FUNCTION
1	NR01 (GY/R)	Malfunction Indicator Lamp "CHECK ENGINE"
2	NF01 (GN/BK)	Low Washer Fluid Indicator Lamp
3	LB15 (R/W)	Right Turn Indicator Lamp
4	ZY03 (BL/O)	O/D Off Switch Indicator Lamp
5	—	NOT USED
6	LB16 (R/GN)	Left Turn Indicator Lamp
7	MA02 (GY/BL)	Charge Warning Indicator Lamp
8	NM01 (Y/BL)	Generator Voltage Regulator
9	N103 (O)	Seat Belt Warning Lamp
10	PS03 (R/W)	Air Bag Indicator Lamp
11	IG92 (PK/BK)	Illumination Input
12	IG01 (PK)	PRNDL Illumination Lamp Power Input
13	NP04 (BR/Y)	Low Oil Level Warning Lamp
14	BS29 (Y/R)	Anti-lock Warning Indicator Lamp
15	NN01 (P/W)	Low Fuel Warning Lamp
16	NB01 (Y/P)	Brake Warning Indicator Lamp
17	MD01 (R)	Low Oil Pressure Indicator Lamp
18	LA03 (O/BL)	High Beam Indicator Lamp
19	MAE1 (BK)	Ground
20	MA07 (GY/BL)	Ignition Power Input



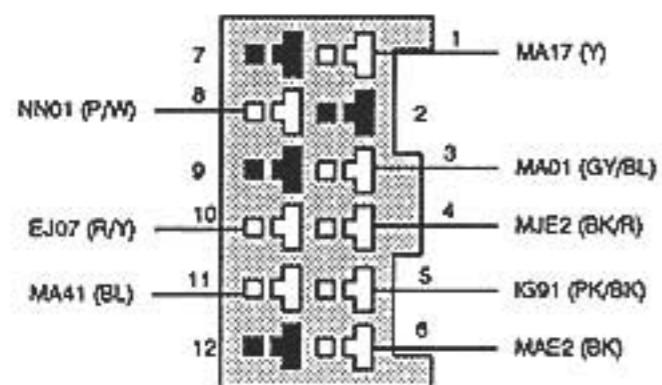
C272

INSTRUMENT CLUSTER

PIN	CIRCUIT	CIRCUIT FUNCTION
1	MA04 (BL/R)	Fuel Level Input
2	MA03 (BL/W)	Coolant Temperature Input
3	MJ01 (PK/BL)	Speed Input Output
4	AV02 (GN/W)	Tachometer Input
5	MA06 (P)	Power Input
6	AV32 (GN/Y)	Vehicle Speed Signal Output
7	—	NOT USED
8	AV05 (O/BK)	Data Input Line Fuel Flow
9	MA16 (BR)	Fuel Computer SELECT Input
10	MA15 (GN/R)	Fuel Computer RESET Input
11	MA14 (Y/GN)	Fuel Computer ENGLISH/METRIC Input
12	MA11 (R/BL)	Fuel Computer TRIP/SELECT Input
13	MA12 (GN)	Fuel Computer TRIP/RESET Input
14	—	NOT USED
15	MA20 (LG/BK)	Start Input
16	—	NOT USED

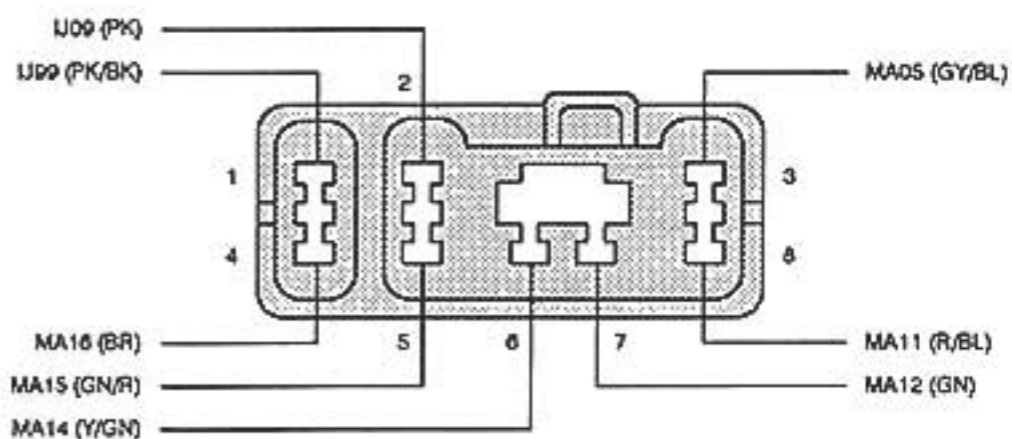
63-7 INSTRUMENT CLUSTER (ELECTRONIC)

1994 VILLAGER



C274

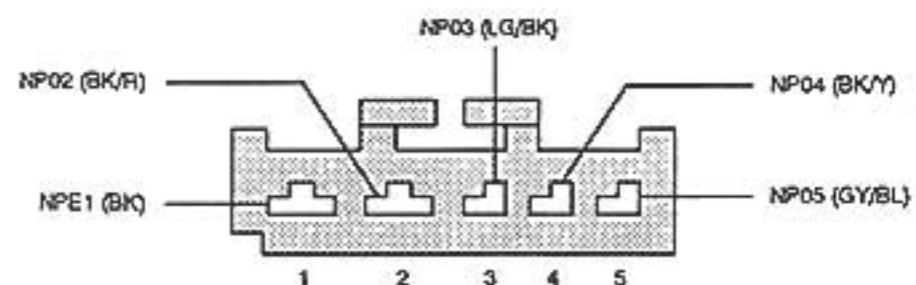
INSTRUMENT CLUSTER



C264

FUEL COMPUTER CONTROL PANEL

PIN	CIRCUIT	CIRCUIT FUNCTION
1	MA17 (Y)	Outside Temperature Sensor Input
2	—	NOT USED
3	MA01 (GY/BL)	Ignition Power Input
4	MJE2 (BK/R)	Vehicle Speed Sensor Ground
5	IG91 (PK/BK)	Dimmer Output
6	MAE2 (BK)	Ground
7	—	NOT USED
8	NN01 (P/W)	Low Fuel Indicator Control
9	—	NOT USED
10	EJ07 (R/Y)	Speed Control "ON" Input
11	MA41 (BL)	Door Ajar Indicator Lamp
12	—	NOT USED



C257

OIL LEVEL MODULE

CONNECTOR REFERENCE LIST

CONNECTOR	SECTION
C119	42
C133	97
C218	13
C223	45
C247	31
C248	66
C249	42
C256	89
C275	23
C277	29