Vehicle: Electrical Diagrams
General Module

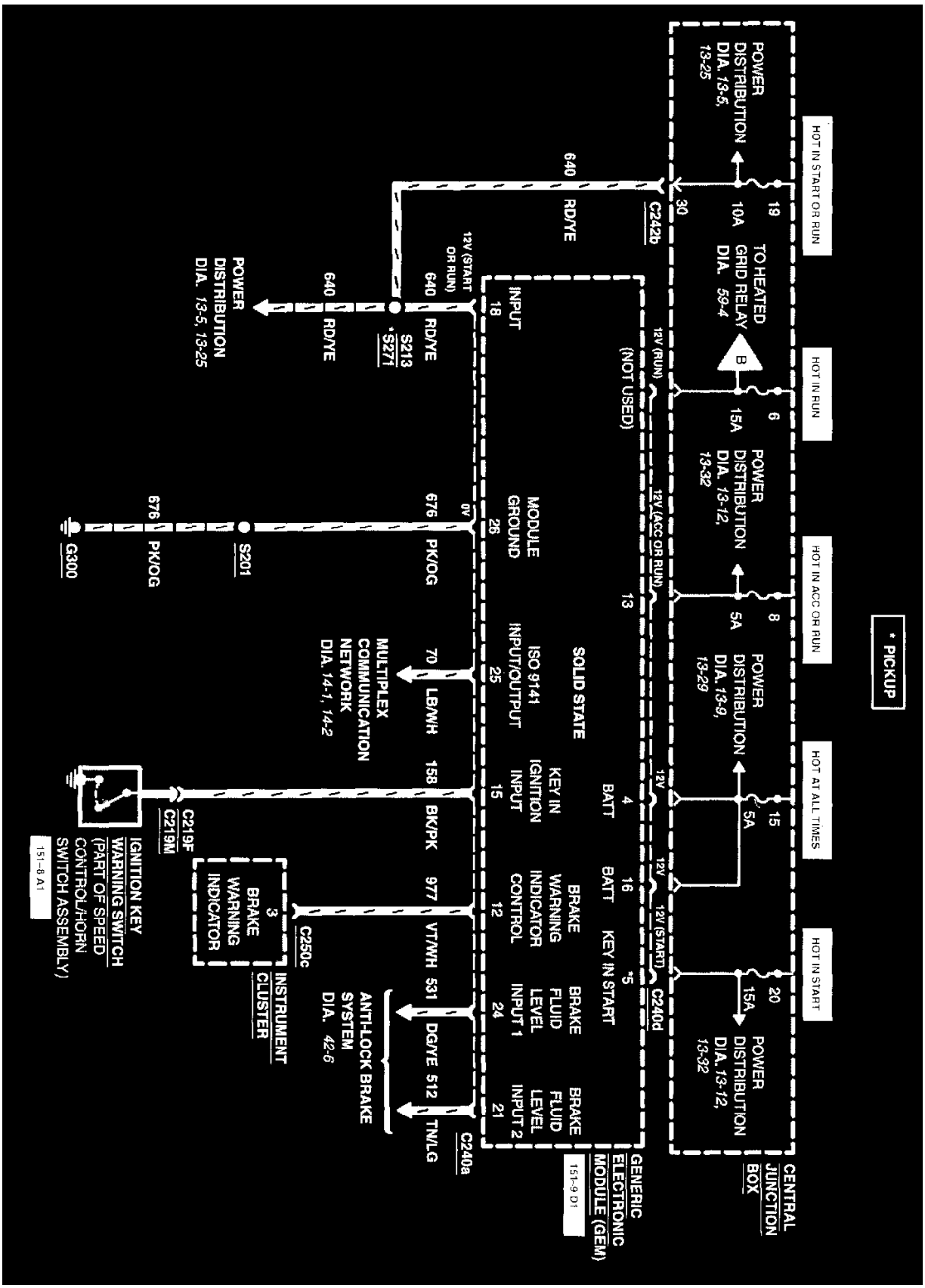

Diagram 59-1

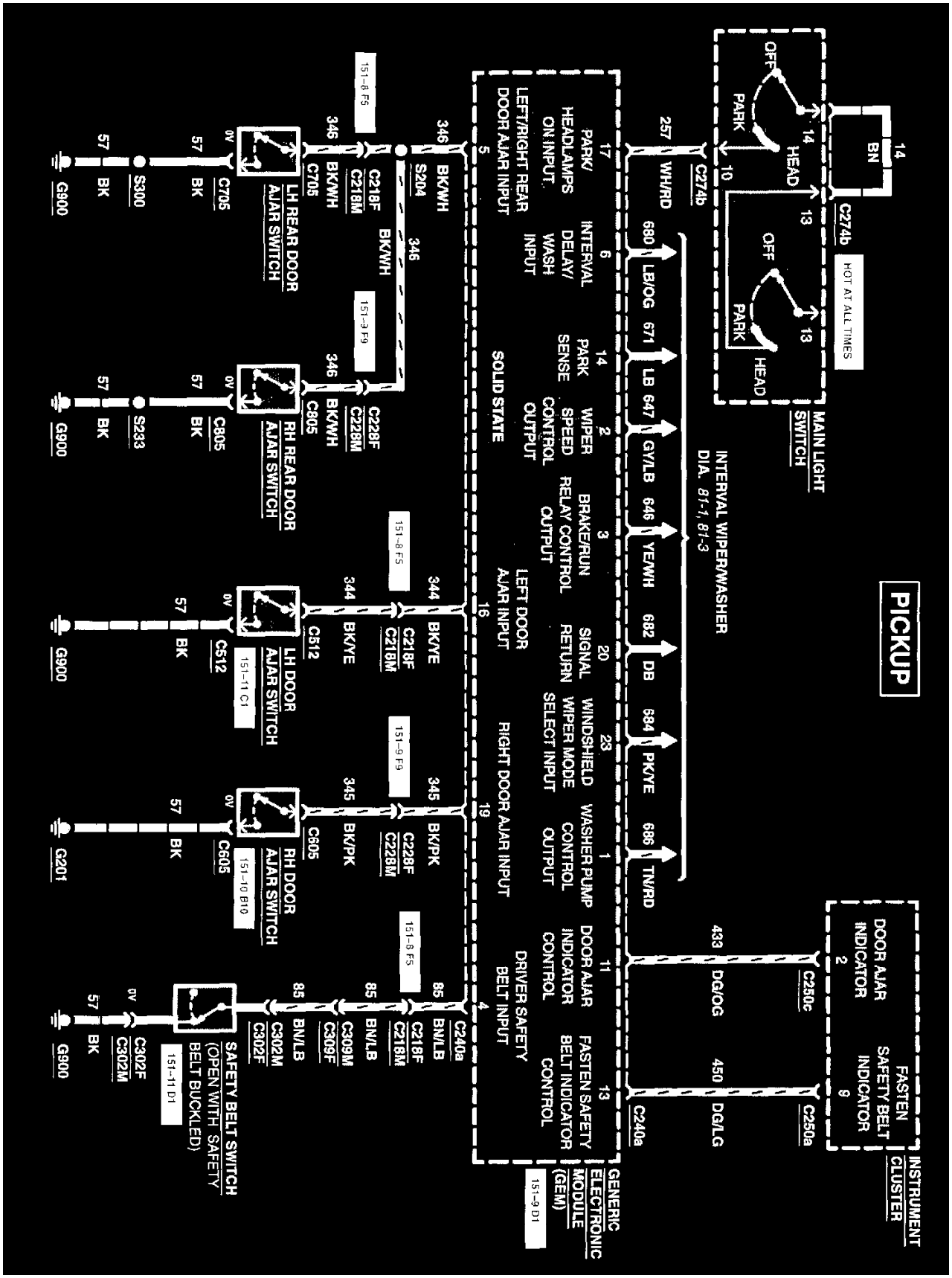
PICKUP
HOT AT ALL TIMES
MAIN LIGHT SWITCH
INTERVAL WIPER/WASHER
DIA. 81-1, 81-3
INSTRUMENT CLUSTER
DOOR AJAR INDICATOR
FASTEN SAFETY BELT INDICATOR
GENERIC ELECTRONIC MODULE (GEM)
PARK/ HEADLAMPS ON INPUT
INTERVAL DELAY/ WASH INPUT
PARK SENSE
WIPER SPEED CONTROL OUTPUT
BRAKE/RUN RELAY CONTROL OUTPUT
SIGNAL RETURN
WINDSHIELD WIPER MODE SELECT INPUT
WASHER PUMP CONTROL OUTPUT
DOOR AJAR INDICATOR CONTROL
FASTEN SAFETY BELT INDICATOR CONTROL
LEFT/RIGHT REAR DOOR AJAR INPUT
SOLID STATE
LEFT DOOR AJAR INPUT
RIGHT DOOR AJAR INPUT
DRIVER SAFETY BELT INPUT
LH REAR DOOR AJAR SWITCH
RH REAR DOOR AJAR SWITCH
LH DOOR AJAR SWITCH
RH DOOR AJAR SWITCH
SAFETY BELT SWITCH (OPEN WITH SAFETY BELT BUCKLED)

Diagram 59-3

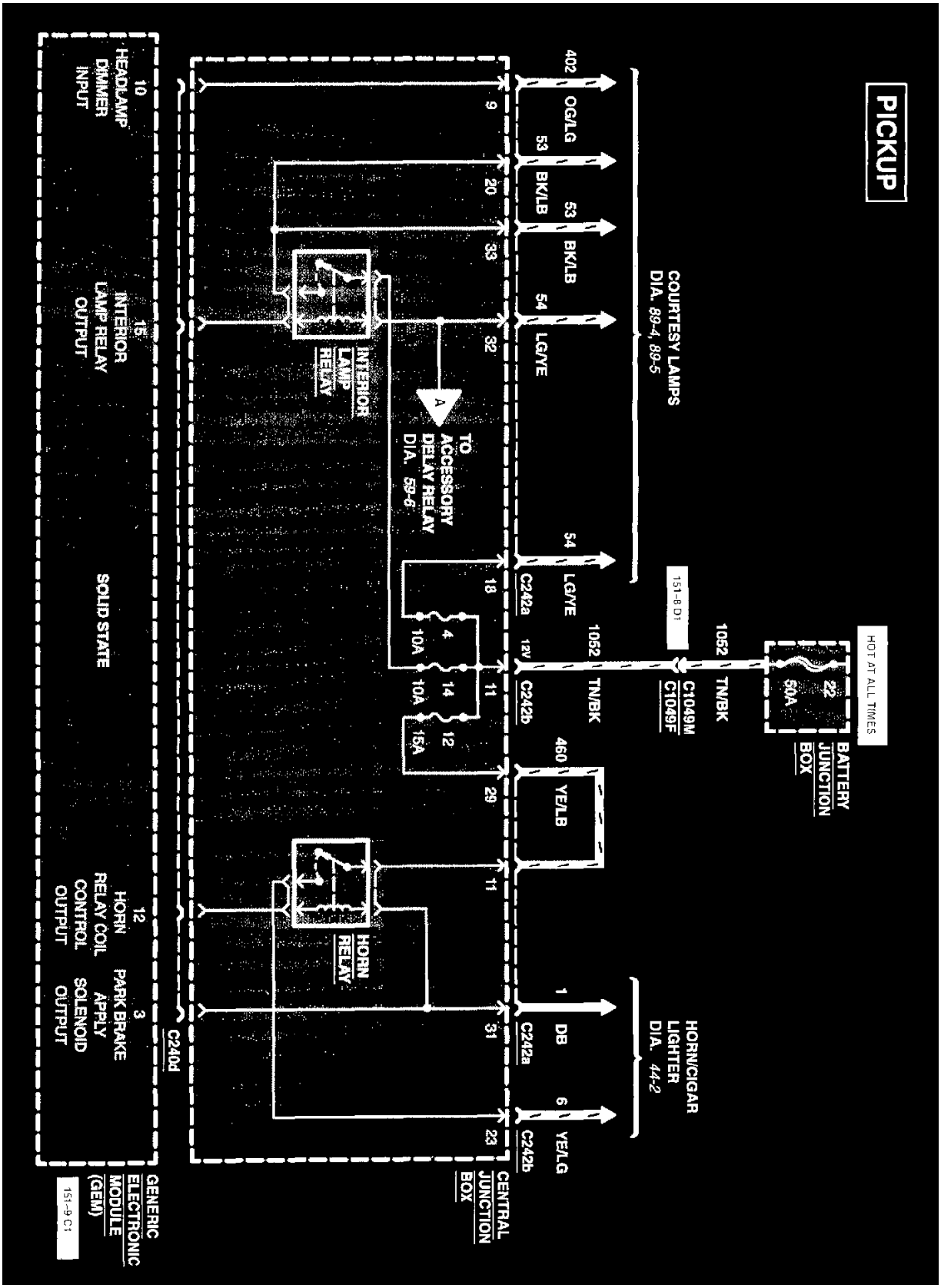
PICKUP
HOT AT ALL TIMES
22
50A
BATTERY JUNCTION BOX
1052
TN/BK
C1049M
C1049F
151-8 D1
1052
TN/BK
460
YE/LB
1
DB
6
YE/LG
C242a
C242b
HORN/CIGAR LIGHTER
DIA. 44-2
402
OG/LG
53
BK/LB
54
LG/YE
COURTESY LAMPS
DIA. 89-4, 89-5
9
20
33
32
18
11
29
11
31
23
12V
4
10A
14
10A
12
15A
INTERIOR LAMP RELAY
TO ACCESSORY DELAY RELAY
DIA. 59-6
HORN RELAY
CENTRAL JUNCTION BOX
C240d
10
HEADLAMP DIMMER INPUT
15
INTERIOR LAMP RELAY OUTPUT
SOLID STATE
12
HORN RELAY COIL CONTROL OUTPUT
3
PARK BRAKE APPLY SOLENOID OUTPUT
GENERIC ELECTRONIC MODULE (GEM)
151-9 C1

Diagram 59-5

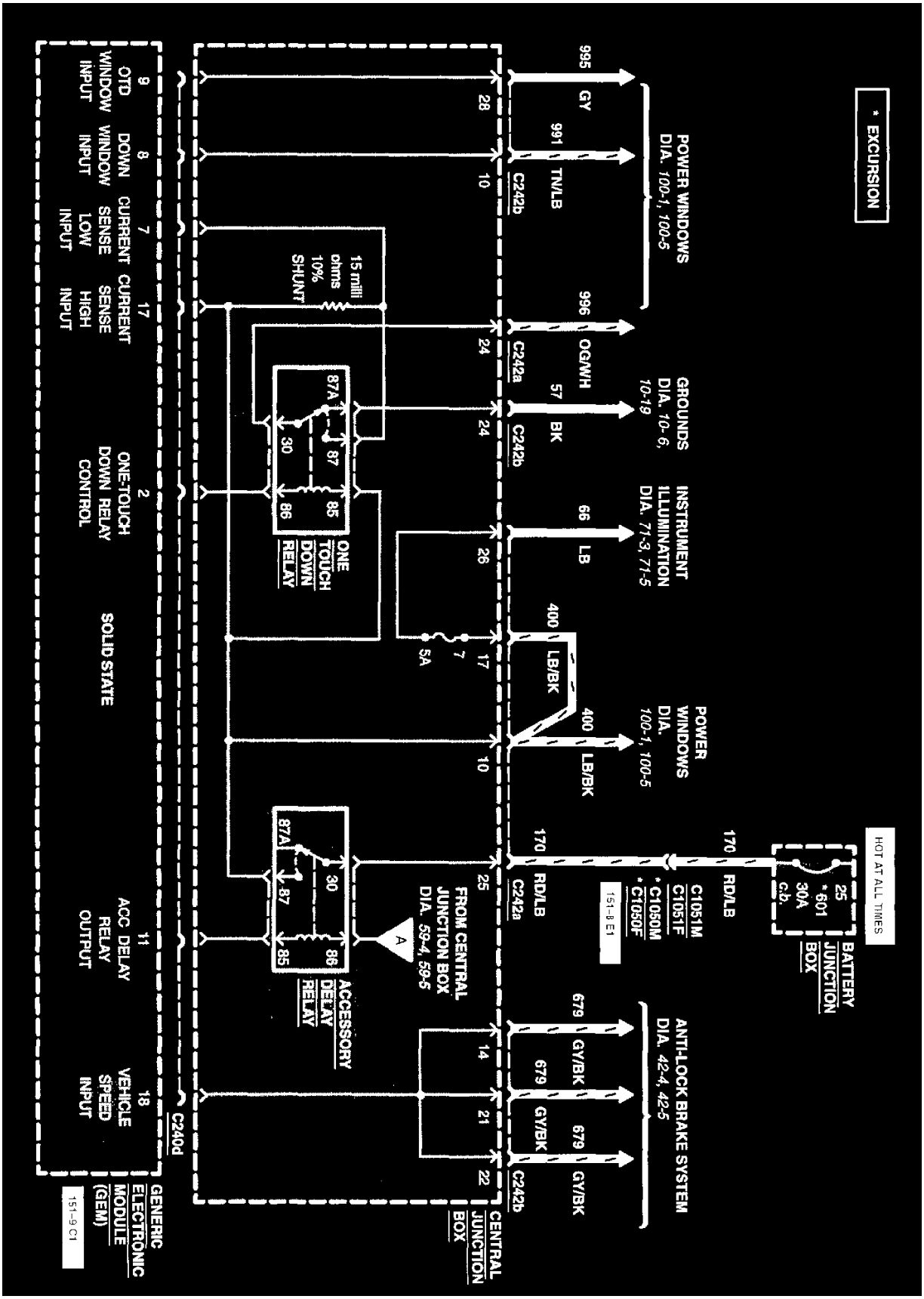
* EXCURSION
HOT AT ALL TIMES
BATTERY JUNCTION BOX
25
*601
30A
c.b.
170
RD/LB
C1051M
C1051F
* C1050M
* C1050F
151-B E1
POWER WINDOWS DIA. 100-1, 100-5
995
GY
991
TN/LB
996
OG/WH
57
BK
66
LB
400
LB/BK
400
LB/BK
170
RD/LB
C242b
C242a
C242b
C242a
GROUNDS DIA. 10-6, 10-19
INSTRUMENT ILLUMINATION DIA. 71-3, 71-5
POWER WINDOWS DIA. 100-1, 100-5
ANTI-LOCK BRAKE SYSTEM DIA. 42-4, 42-5
679
GY/BK
679
GY/BK
679
GY/BK
679
GY/BK
C242b
28
10
24
24
26
17
10
25
14
21
22
15 milli ohms 10% SHUNT
87A
87
85
30
86
ONE TOUCH DOWN RELAY
7
5A
A
FROM CENTRAL JUNCTION BOX DIA. 59-4, 59-5
30
86
87A
87
85
ACCESSORY DELAY RELAY
CENTRAL JUNCTION BOX
C240d
9 OTD WINDOW INPUT
8 DOWN WINDOW INPUT
7 CURRENT SENSE LOW INPUT
17 CURRENT SENSE HIGH INPUT
2 ONE-TOUCH DOWN RELAY CONTROL
SOLID STATE
11 ACC DELAY RELAY OUTPUT
18 VEHICLE SPEED INPUT
GENERIC ELECTRONIC MODULE (GEM)
151-9 C1

Diagram 59-6

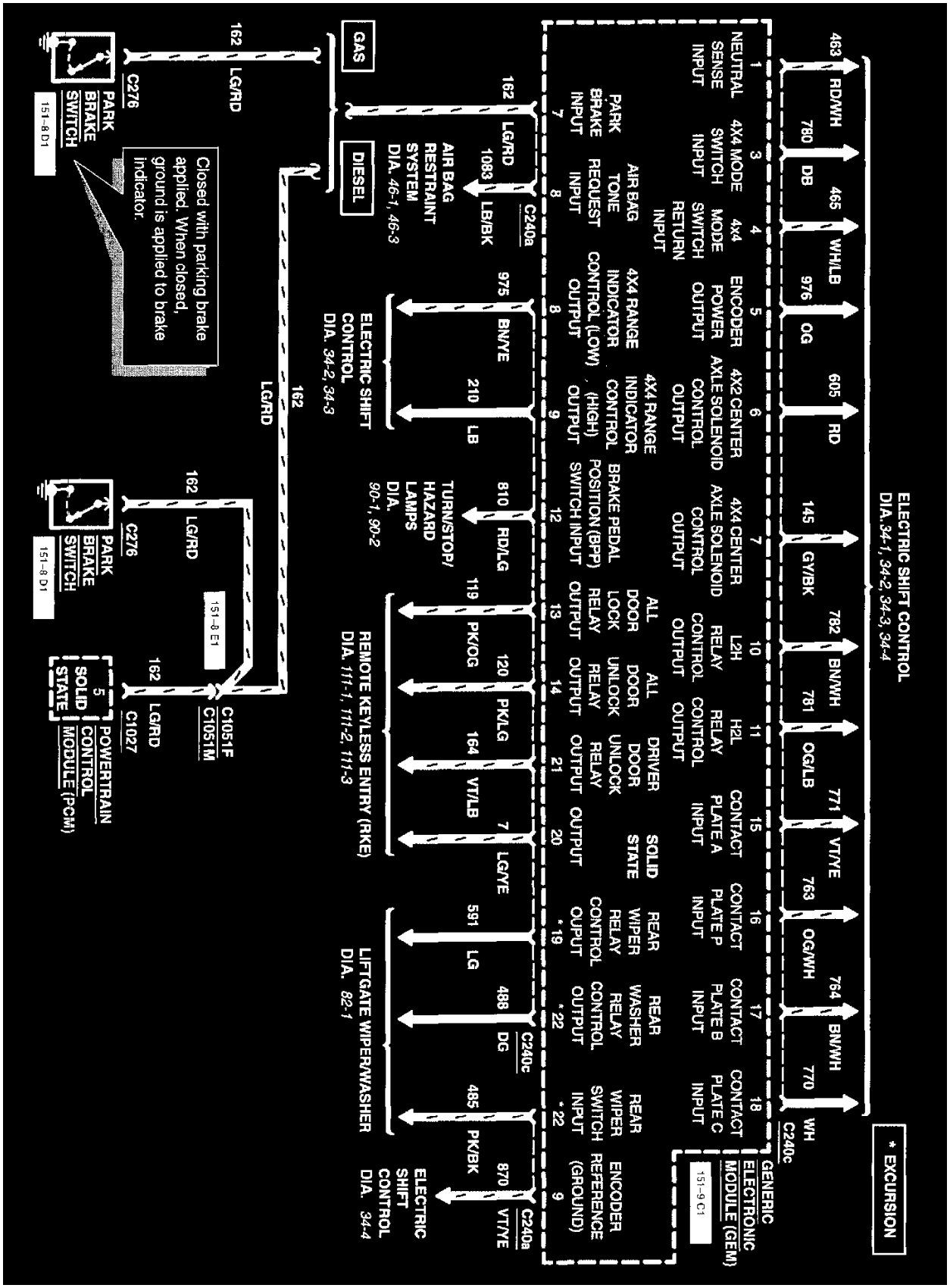
ELECTRIC SHIFT CONTROL
DIA. 34-1, 34-2, 34-3, 34-4
* EXCURSION
463 RD/WH
780 DB
465 WH/LB
976 OG
605 RD
145 GY/BK
782 BN/WH
781 OG/LB
771 VT/YE
763 OG/WH
764 BN/WH
770 WH
C240c
1 NEUTRAL SENSE INPUT
3 4X4 MODE SWITCH INPUT
4 4x4 MODE SWITCH RETURN INPUT
5 ENCODER POWER OUTPUT
6 4X2 CENTER AXLE SOLENOID CONTROL OUTPUT
7 4X4 CENTER AXLE SOLENOID CONTROL OUTPUT
10 L2H RELAY CONTROL OUTPUT
11 H2L RELAY CONTROL OUTPUT
15 CONTACT PLATE A INPUT
16 CONTACT PLATE P INPUT
17 CONTACT PLATE B INPUT
18 CONTACT PLATE C INPUT
GENERIC ELECTRONIC MODULE (GEM)
151-9 C1
7 PARK BRAKE INPUT
8 AIR BAG TONE REQUEST INPUT
8 4X4 RANGE INDICATOR CONTROL (LOW) OUTPUT
9 4X4 RANGE INDICATOR CONTROL (HIGH) OUTPUT
12 BRAKE PEDAL POSITION (BPP) SWITCH INPUT
13 ALL DOOR LOCK RELAY OUTPUT
14 ALL DOOR UNLOCK RELAY OUTPUT
21 DRIVER DOOR UNLOCK RELAY OUTPUT
20 SOLID STATE OUTPUT
19 REAR WIPER RELAY CONTROL OUPUT
22 REAR WASHER RELAY CONTROL OUTPUT
22 REAR WIPER SWITCH INPUT
9 REAR WIPER ENCODER REFERENCE (GROUND)
162 LG/RD
1083 LB/BK
C240a
AIR BAG RESTRAINT SYSTEM
DIA. 46-1, 46-3
975 BN/YE
210 LB
ELECTRIC SHIFT CONTROL
DIA. 34-2, 34-3
810 RD/LG
119 PK/OG
TURN/STOP/ HAZARD LAMPS
DIA. 90-1, 90-2
120 PK/LG
164 VT/LB
REMOTE KEYLESS ENTRY (RKE)
DIA. 111-1, 111-2, 111-3
7 LG/YE
591 LG
488 DG
C240c
485 PK/BK
LIFTGATE WIPER/WASHER
DIA. 82-1
870 VT/YE
C240a
ELECTRIC SHIFT CONTROL
DIA. 34-4
GAS
DIESEL
162 LG/RD
C276
PARK BRAKE SWITCH
151-8 D1
Closed with parking brake applied. When closed, ground is applied to brake indicator.
162 LG/RD
C276
PARK BRAKE SWITCH
151-8 D1
151-8 E1
C1051F
C1051M
162 LG/RD
C1027
POWERTRAIN CONTROL MODULE (PCM)
5 SOLID STATE

Diagram 59-7