Brake Lamp: Electrical Diagrams

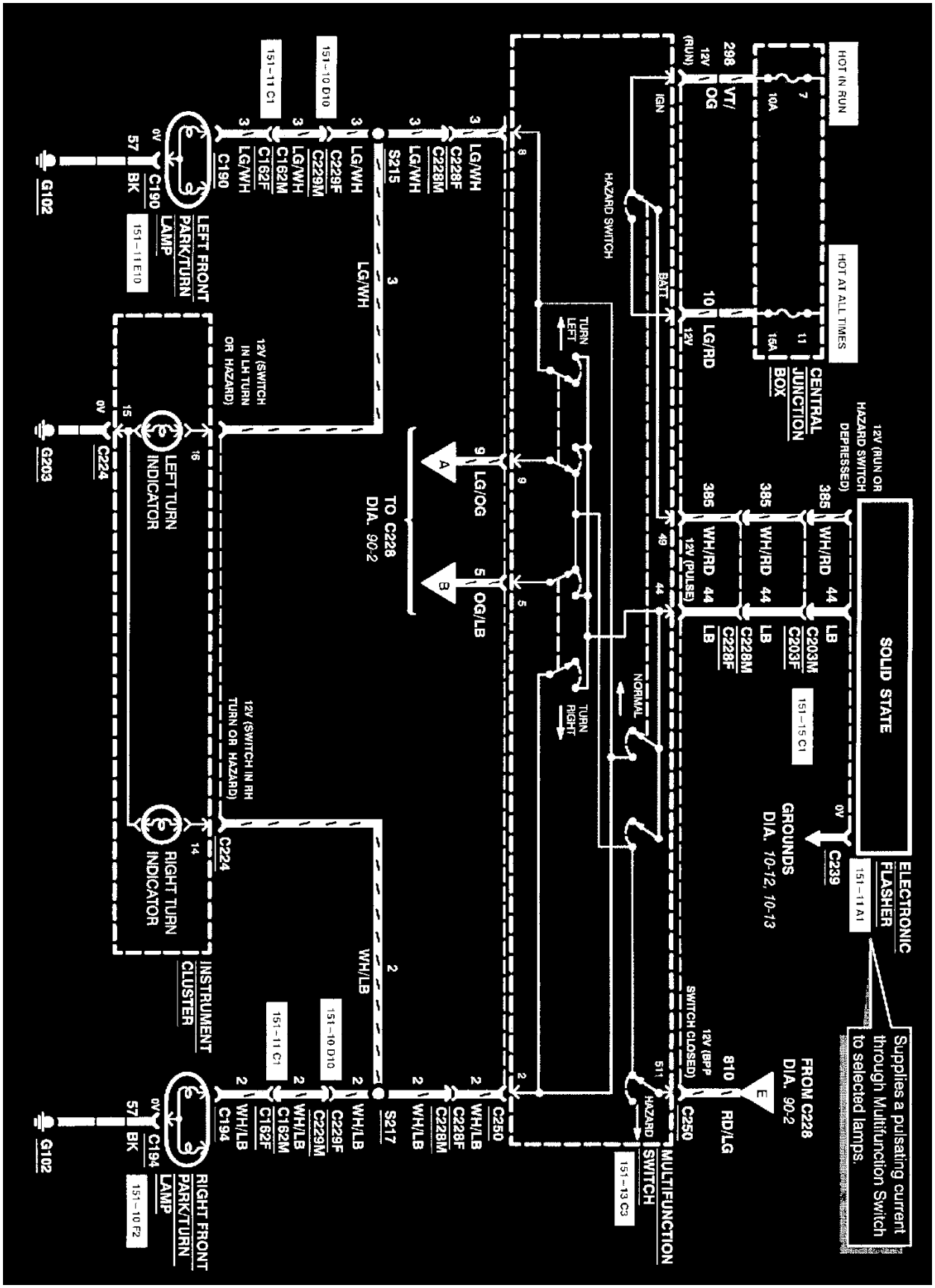

Diagram 90-1

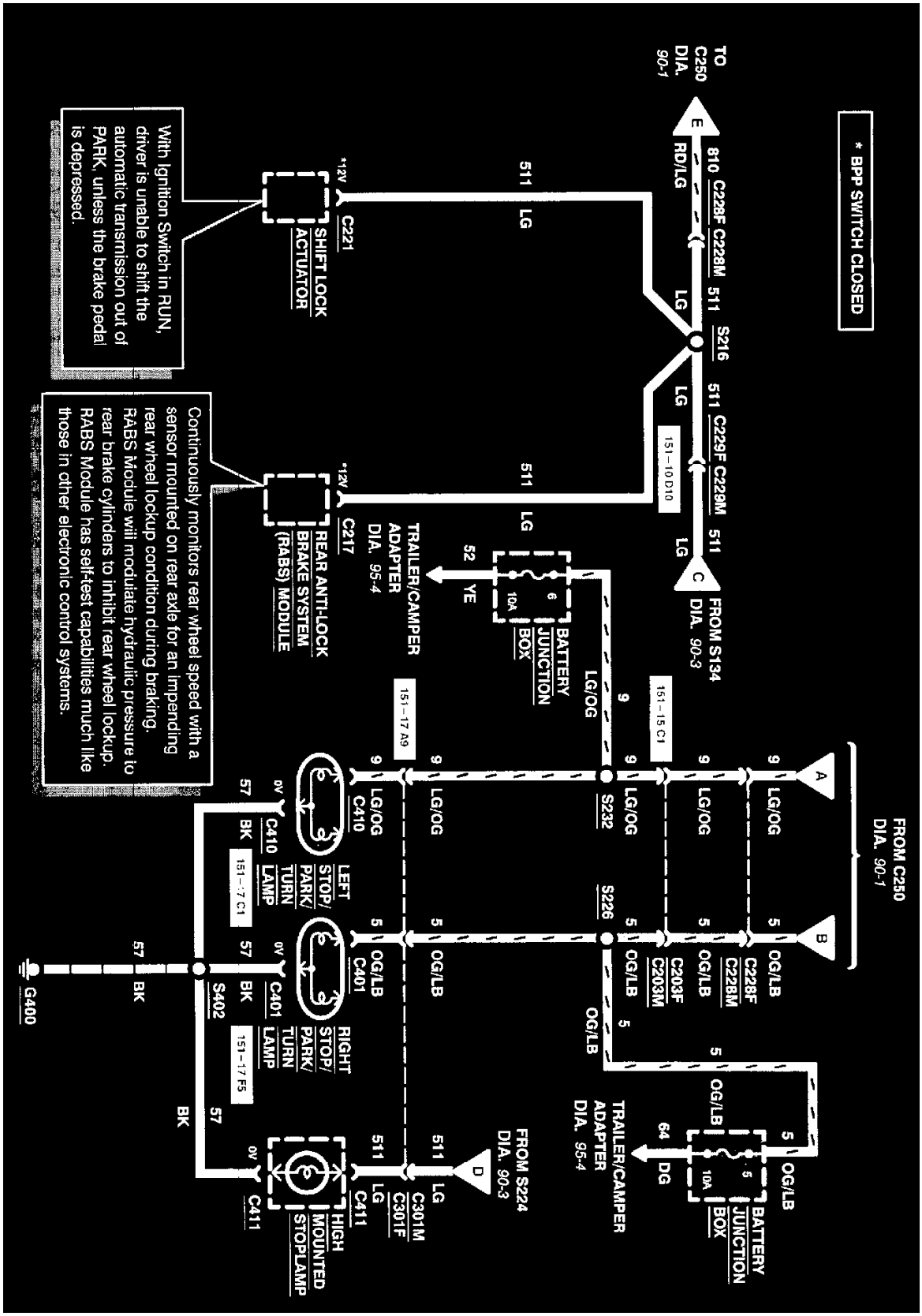
* BPP SWITCH CLOSED
TO C250 DIA. 90-1
810 C228F C228M 511 S216 511 C229F C229M 511
RD/LG
LG
151-10 D10
FROM S134 DIA. 90-3
151-15 C1
FROM C250 DIA. 90-1
LG/OG
OG/LB
C228F C228M
C203F C203M
TRAILER/CAMPER ADAPTER DIA. 95-4
BATTERY JUNCTION BOX
10A
64 DG
511 LG
*12V
C221
SHIFT LOCK ACTUATOR
With Ignition Switch in RUN, driver is unable to shift the automatic transmission out of PARK, unless the brake pedal is depressed.
C217
REAR ANTI-LOCK BRAKE SYSTEM (RABS) MODULE
52 YE
S232
S226
151-17 A9
Continuously monitors rear wheel speed with a sensor mounted on rear axle for an impending rear wheel lockup condition during braking. RABS Module will modulate hydraulic pressure to rear brake cylinders to inhibit rear wheel lockup. RABS Module has self-test capabilities much like those in other electronic control systems.
C410
C401
LEFT STOP/ PARK/ TURN LAMP
RIGHT STOP/ PARK/ TURN LAMP
151-17 C1
151-17 F5
S402
57 BK
FROM S224 DIA. 90-3
C301M C301F
C411
HIGH MOUNTED STOPLAMP
G400

Diagram 90-2

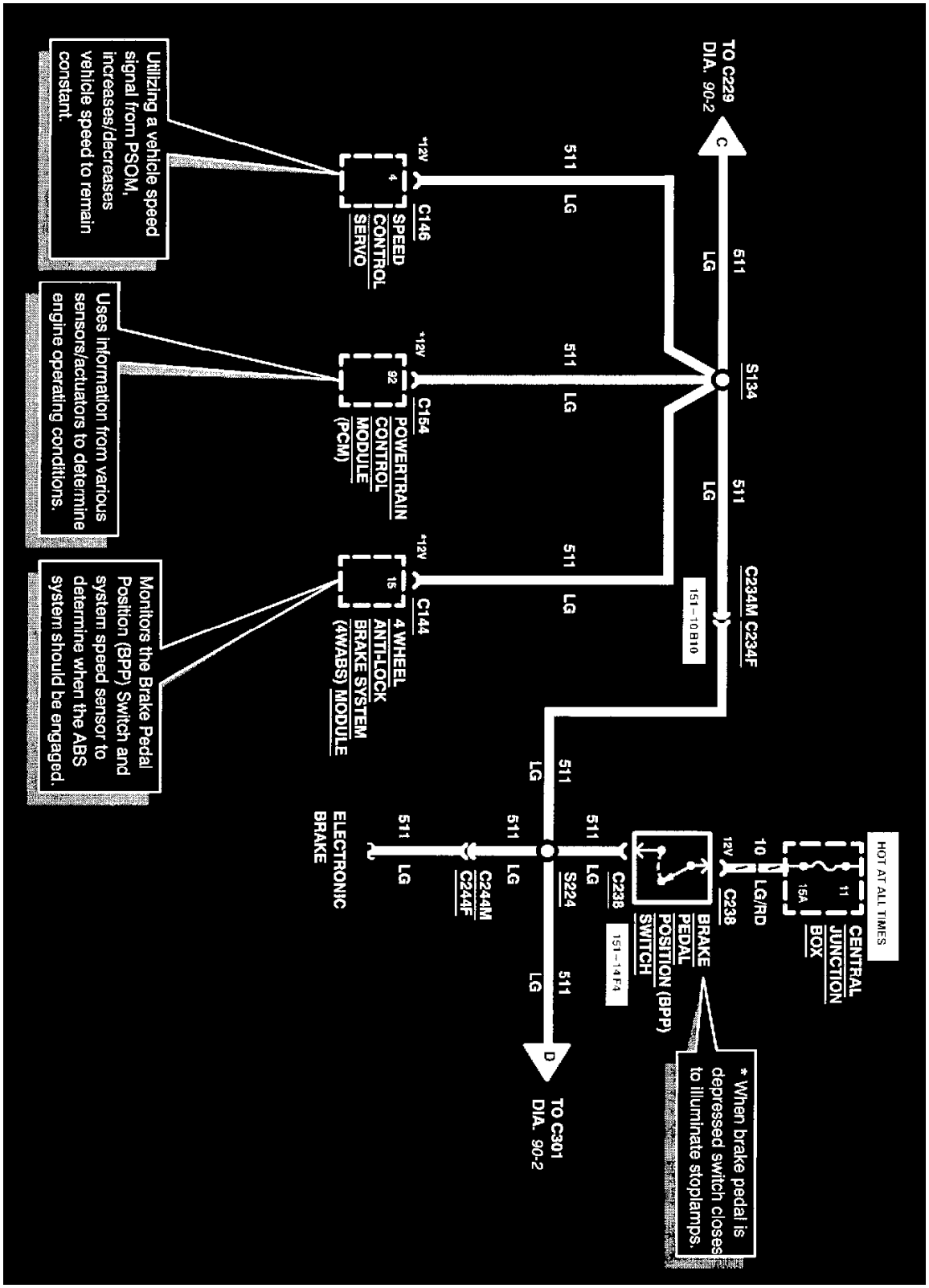
HOT AT ALL TIMES
CENTRAL JUNCTION BOX
11
15A
10
LG/RD
12V
C238
BRAKE PEDAL POSITION (BPP) SWITCH
* When brake pedal is depressed switch closes to illuminate stoplamps.
C238
151-14 F4
S224
511
LG
D
TO C301
DIA. 90-2
C234M C234F
151-10 B10
S134
C
TO C229
DIA. 90-2
511
LG
C244M
C244F
ELECTRONIC BRAKE
C144
4 WHEEL ANTI-LOCK BRAKE SYSTEM (4WABS) MODULE
+12V
15
Monitors the Brake Pedal Position (BPP) Switch and system speed sensor to determine when the ABS system should be engaged.
C154
POWERTRAIN CONTROL MODULE (PCM)
92
Uses information from various sensors/actuators to determine engine operating conditions.
C146
SPEED CONTROL SERVO
4
Utilizing a vehicle speed signal from PSOM, increases/decreases vehicle speed to remain constant.

Diagram 90-3