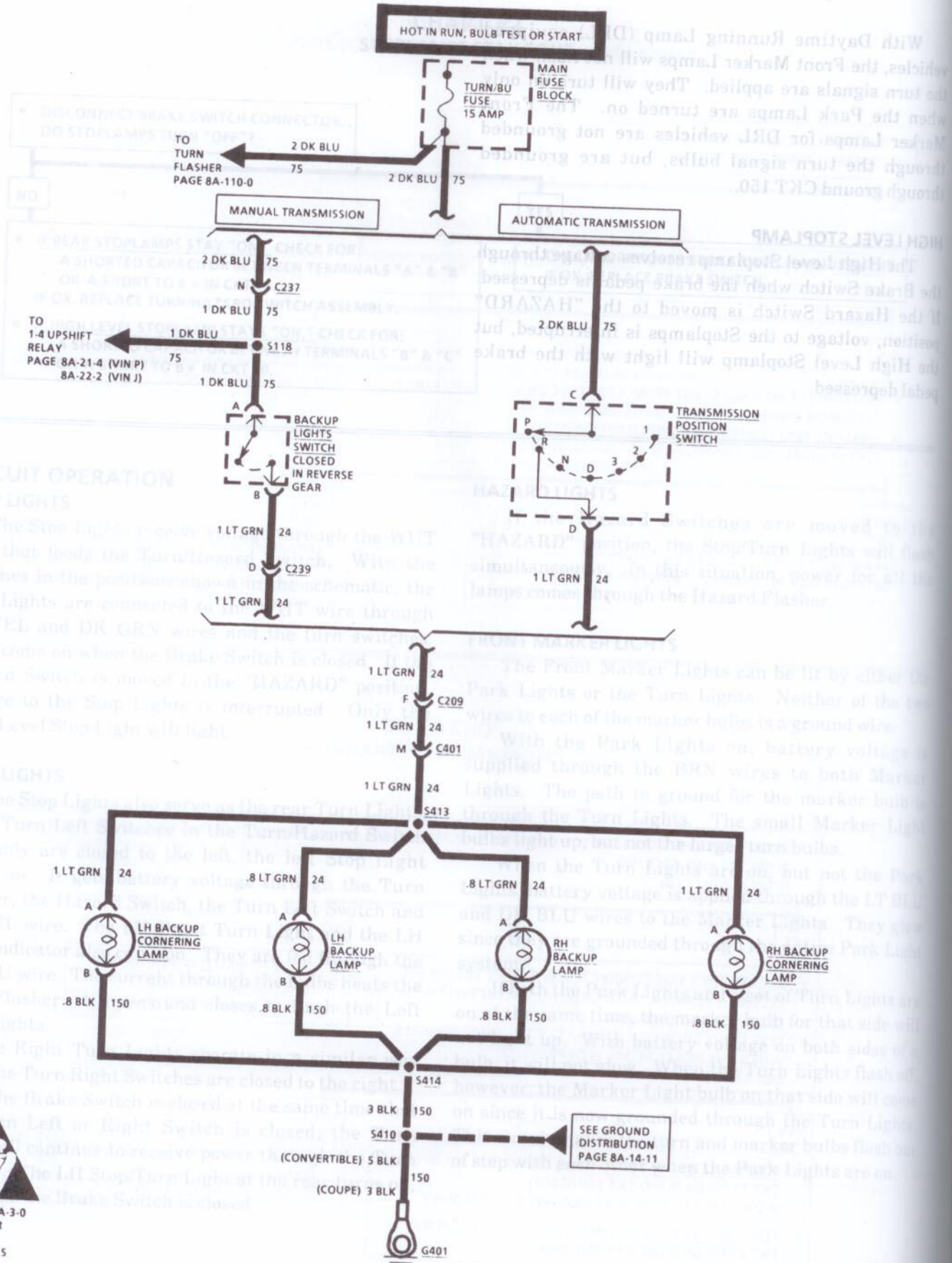


BACKUP LIGHTS



CIRCUIT OPERATION

**STOP LIGHTS**

The Stop Lights operate through the WIT wire that feeds the Turn/Flasher Switch. With the switcher in the position above schematic, the Stop Lights are connected through the YEL and DK GRN wires and the turn switch. They come on when the Brake Switch is closed. Hazard Switch is moved to the "HAZARD" position, voltage to the Stop Lights is interrupted. Only the High Level Stop Light will light.

**TURN LIGHTS**

The Stop Lights also operate through the WIT wire. If the Turn Left Switch on the Turn/Flasher Switch Assembly are closed to the left, the Stop Light comes on. With battery voltage to the Turn Flasher, the Hazard Switch, the Turn Left Switch and the YEL wire. When the Turn Left Switch is closed, current through the Turn Flasher is interrupted and the Left Turn Lights flash. When the Turn Right Switches are closed to the right, the Stop Light comes on since it is grounded through the Turn Lights. When the Turn Right Switch is closed at the same time as the Turn Left or Right Switch is closed, the Stop Light continues to receive power through the Turn Flasher. If the Brake Switch is closed, the Stop Light comes on.



COMPONENT	LOCATION	201-PG	FIG.	CONN
Backup Lights Switch	Under vehicle, on LH side of transmission	12	32	
Main Fuse Block	Far RH side of I/P			
Transmission Position Switch	In console, on base of shift control lever	202-23		
C209	Below RH side of I/P	202-14		
C237	Below RH side of I/P	202-15		
C239	Below RH side of I/P	202-15		
C401	RH side of cargo compartment	202-15		
G401 (Convertible)	Cargo compartment, behind RH seat			
G401 (Coupe)	RH side of halo, near top of RH seat			
S118	Engine Harn, near LH side of transmission			
S413	Rear Body Harn, RH rear of vehicle			
S414	Rear Body Harn, LH rear of vehicle			

**TROUBLESHOOTING HINTS**  
(Perform before beginning System Diagnosis)

1. If the Turn Signals operate normally, the TURN/BU Fuse is OK.
2. If Backup Lights do not turn "ON" in "REVERSE," but do for another gear, check for proper adjustment of the Transmission Position Switch (Automatic Transmission).

3. Check for damaged or corroded connectors and terminals.
  4. Make sure ground G401 is clean and tight.
- Refer to System Diagnosis.

**SYSTEM DIAGNOSIS**

- Refer to the Symptom Table for the appropriate diagnostic procedure(s).

**SYMPTOM TABLE**

SYMPTOM	PROCEDURE	PAGE NUMBER
Backup Lights will not turn "ON."	Chart #1	8A-112-2
Backup Lights always "ON."	Chart #2	8A-112-2
One Lamp inoperative.	<ul style="list-style-type: none"> <li>• Check the LT, GRN and BLK wires to connector for an open.</li> <li>• Check for open lamp bulb.</li> </ul>	

CIRCUIT OPERATION  
With the Ignition Switch in "RUN," BULB TEST or "START," voltage is applied through the TURN BU Fuse to the Transmission Position Switch (automatic transmission) or to the Backup Lights Switch (manual transmission). Whenever the Gear Selector Lever is shifted to "REVERSE," the Transmission Position Switch or Backup Lights Switch closes and voltage is applied to the Backup Lights.