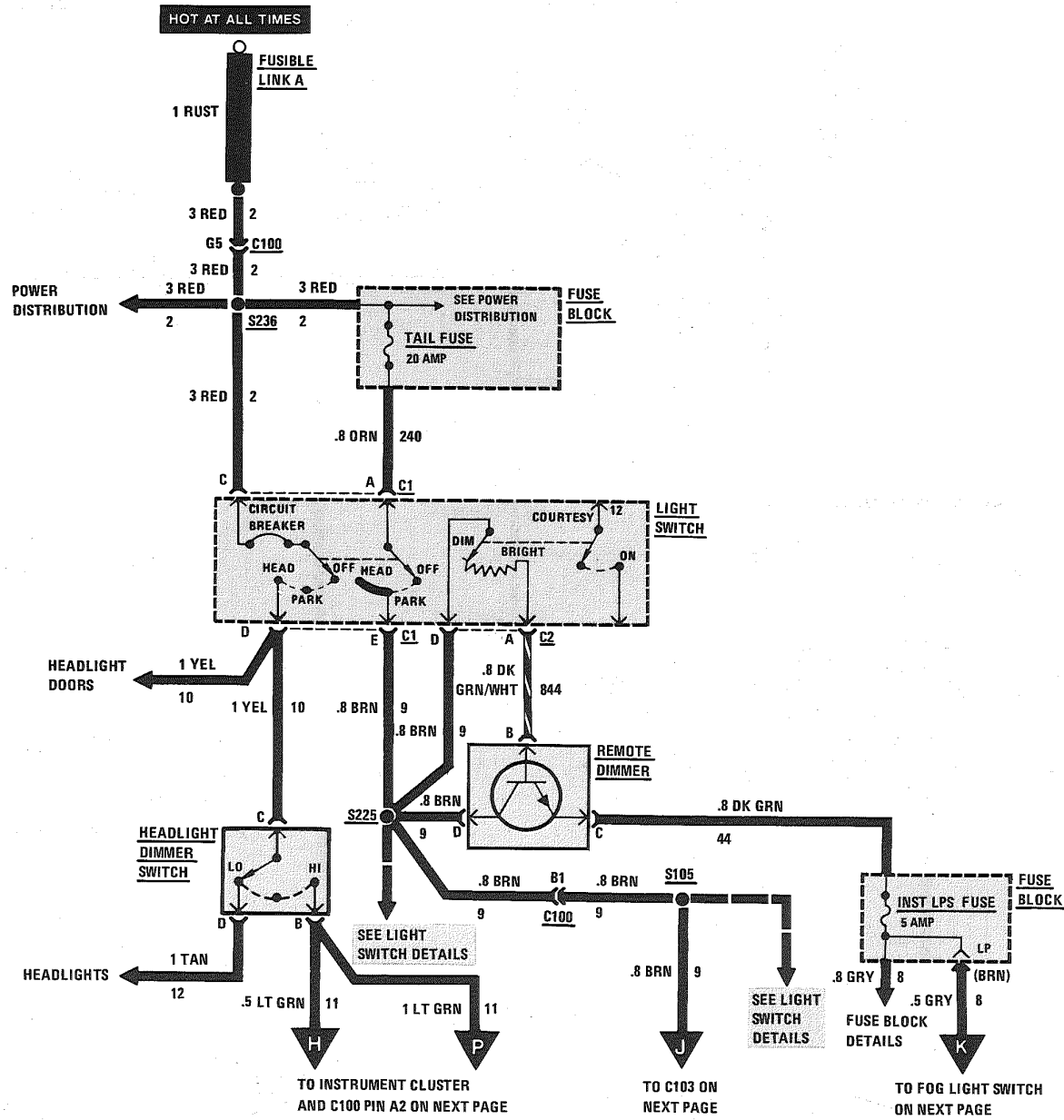
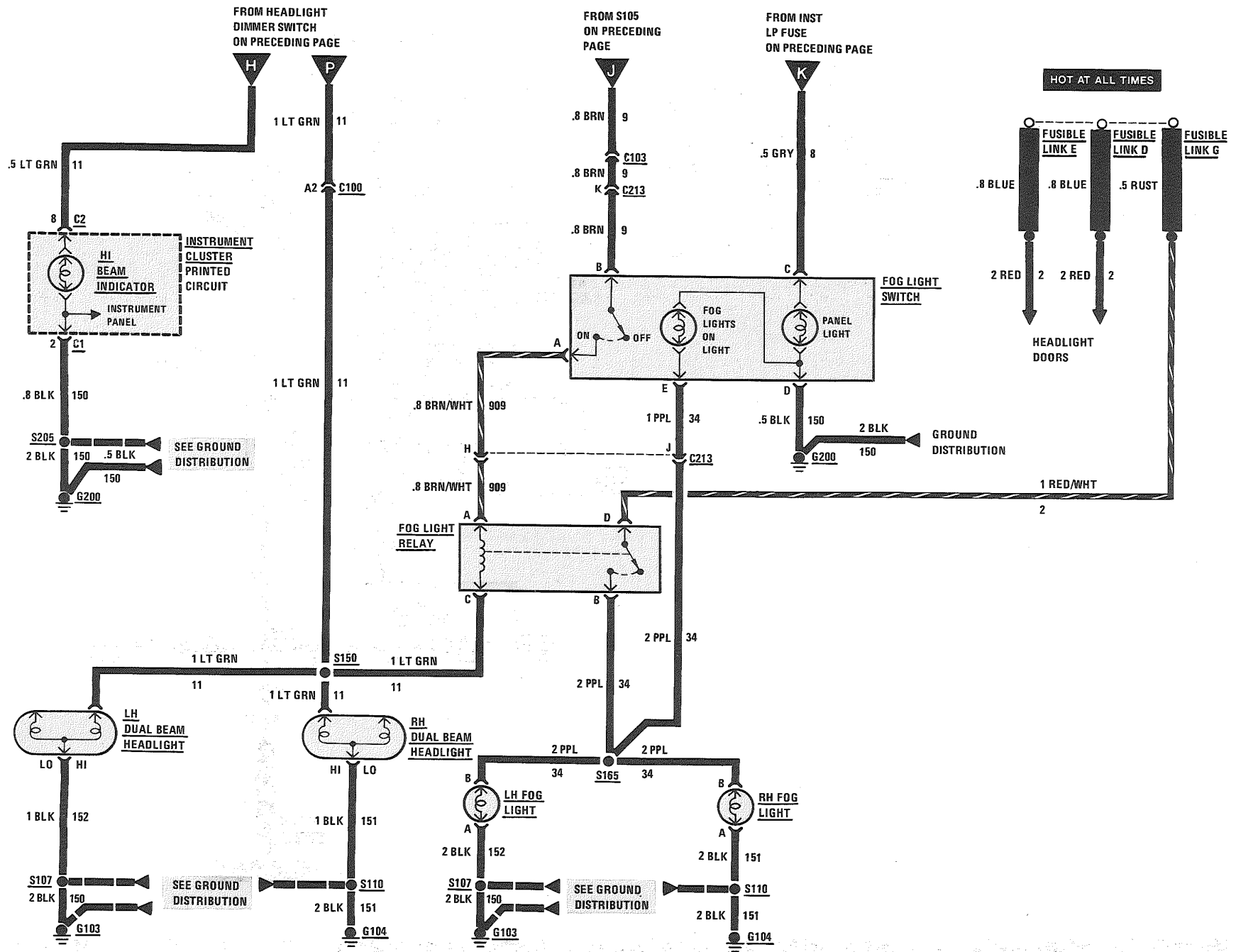


# HEADLIGHTS: FOG LIGHTS





# HEADLIGHTS: FOG LIGHTS

## TROUBLESHOOTING HINTS

- Try the following checks before doing the System Diagnosis.
- 1. Check that the Headlights and Park Lights work properly before troubleshooting the Fog Lights.
- 2. If one Fog Light doesn't work, check the Fog Light, connections, and wires to the Fog Light.
- Go to System Diagnosis for diagnostic tests.

## SYSTEM DIAGNOSIS

- Do the following test if the Fog Lights do not operate.

## COMPONENT LOCATION

	Page-Figure
Fog Light Relay . . . . .	LH front of engine compartment, on fender . . . . . 201-16-A
Fuse Block. . . . .	Behind LH side of I/P, below light switch. . . . . 201-10-A
Fusible Link A (VIN E) . . . . .	Lower RH side of engine, at Starter Solenoid. . . . . 201- 2-A
Fusible Link A (VIN F) (VIN 8) . . . . .	Lower RH side of engine, at Starter Solenoid. . . . . 201- 6-B
Fusible Link A (VIN S) . . . . .	Lower RH side of engine, at Starter Solenoid. . . . . 201- 1-A
Fusible Link D . . . . .	Front lights harness, near LH side of dash. . . . . 201-16-A
Fusible Link E. . . . .	Front lights harness, near LH side of dash. . . . . 201-16-A
Fusible Link G . . . . .	Front lights harness, near LH side of dash. . . . . 201-16-A
Headlight Dimmer Switch . . . . .	Behind I/P, on LH upper side of steering column. . . . . 201- 9-A
Remote Dimmer . . . . .	RH side of steering column, on I/P retainer . . . . . 201-10-A
C100 (42 cavities) . . . . .	LH front of dash, left of brake master cylinder . . . . . 201- 0-A
C103 (1 cavity) . . . . .	In front lights harness, LH rear corner of engine compartment . . . . . 201-15-C
C213 (3 cavities) . . . . .	Behind LH side of I/P, near light switch. . . . . 201-10-C
G103 (Except VIN E) . . . . .	On radiator support, behind LH headlights . . . . . 201-16-A
G104 . . . . .	On radiator support, behind RH headlights. . . . . 201-16-A
G200 . . . . .	Behind I/P, left of steering column . . . . . 201-10-A
S105. . . . .	Front lights harness, behind LH headlights. . . . . 201-16-A
S107. . . . .	Front lights harness, behind LH headlights. . . . . 201-16-A
S110. . . . .	Front lights harness, behind RH headlights . . . . . 201-16-A
S150. . . . .	Front lights harness, behind LH headlights. . . . . 201-16-A
S165. . . . .	Forward lights harness, LH front corner of engine compartment . . . . . 201-15-B
S205. . . . .	I/P harness, behind instrument cluster. . . . . 201-10-A
S225. . . . .	I/P harness, behind instrument cluster. . . . . 201-10-A
S236. . . . .	I/P harness, below light switch . . . . . 201-10-A

**FOG LIGHTS DO NOT OPERATE**

<p><b>Measure: VOLTAGE</b>  <b>At: FOG LIGHT RELAY CONNECTOR</b>                  (Disconnected)  <b>Conditions:</b></p> <ul style="list-style-type: none"> <li>• Light Switch: PARK</li> <li>• Fog Light Switch: ON</li> </ul>		
Measure Between	Correct Voltage	For Diagnosis
A (BRN/WHT) & Ground	Battery	See 1
A (BRN/WHT) & C (LT GRN)	Battery	See 2
D (RED/WHT) & Ground	Battery	See 3
D (RED/WHT) & B (PPL)	Battery	See 4
<ul style="list-style-type: none"> <li>• If all voltages are correct, replace the Fog Light Relay.</li> </ul> <ol style="list-style-type: none"> <li>1. Check the Fog Light Switch and BRN (9) and BRN/WHT (909) wires for an open (see schematic).</li> <li>2. Check LT GRN (11) wire for an open.</li> <li>3. Check Fusible Link G and RED/WHT (2) wire for an open.</li> <li>4. Check PPL (34) wire for an open.</li> </ol>		

**CIRCUIT OPERATION**

The Fog Lights are controlled by the Light Switch. They can be turned on with the Park or Headlights on. With the Hi Beams on, the Fog Lights go out.

The Fog Light Relay controls battery voltage to the Fog Lights. The Fog Light Switch applies voltage to the relay coil. The relay coil is grounded through the Hi Beam filaments. When the Hi Beams come on, battery voltage is at both sides of the relay coil. The relay and the Fog Lights turn off.