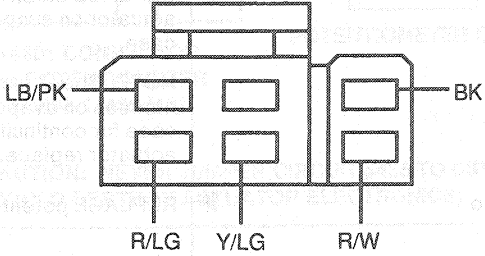


DIAGNOSIS AND TESTING (Continued)

HEATER AND A/C BLEND DOOR ACTUATOR DIAGNOSIS

TEST STEP	RESULT	ACTION TO TAKE
<p>1 CHECK MANUAL A/C ELECTRIC BLEND DOOR ACTUATOR SYSTEM</p> <ul style="list-style-type: none"> ● Start vehicle and run engine until it reaches normal operating temperature. ● Turn on MAX A/C mode. ● Turn temperature adjust knob to full COOL (CCW) and check for cool discharge air. ● Turn temperature adjust knob to full WARM (CW) and check for warm discharge air. ● Vary temperature adjust knob from full WARM to full COOL. ● Does air temperature change? 	<p>Yes No</p>	<p>System is fully functional. GO to 2.</p>
<p>2 CHECK MANUAL A/C ELECTRIC BLEND DOOR ACTUATOR SYSTEM FUSE</p> <ul style="list-style-type: none"> ● Check fuse No. 17 at fuse panel. ● Is fuse good? 	<p>Yes No</p>	<p>GO to 3. REPLACE fuse, and GO to 1. NOTE: If fuse blows again, check for shorts to ground in LB/PK wire (see 3.) and service as needed.</p>
<p>3 CHECK MANUAL A/C ELECTRIC BLEND DOOR ACTUATOR SUPPLY VOLTAGE</p> <ul style="list-style-type: none"> ● Disconnect blue 6-way connector located on the evaporator case and accessed through the glove compartment opening. ● Is there battery positive voltage (B+) between LB/PK and BK?  <p>14401 BLUE 6-WAY CONNECTOR TO ACTUATOR JUMPER HARNESS LOCATED ON EVAPORATOR CASE</p> <p>L8135-A</p>	<p>Yes No</p>	<p>GO to 4. CHECK wiring. NOTE: A quick check for the actuator can be done by connecting a replacement actuator and jumper harness to the connector then operate system and look for actuator operation.</p>