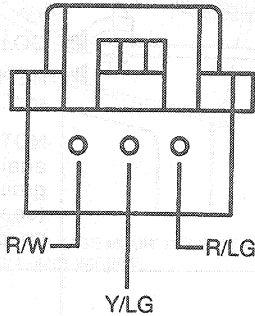
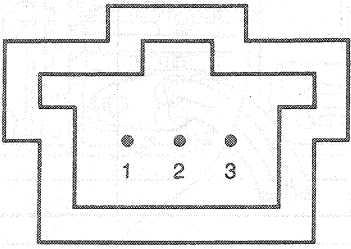


DIAGNOSIS AND TESTING (Continued)

(Continued)

HEATER AND A/C BLEND DOOR ACTUATOR DIAGNOSIS (Continued)

TEST STEP	RESULT	ACTION TO TAKE
<p>4 CHECK CONTROL HEAD POTENTIOMETER SUPPLY VOLTAGE</p> <ul style="list-style-type: none"> ● Connect blue 6-way connector at evaporator case. ● Disconnect white 3-way connector from back of potentiometer at the control head. ● Is there reference voltage (approximately 1-2 volts less than battery voltage) between wires R/LG and R/W? <p>CAUTION: Never short across wires R/LG and R/W or destructive damage could occur.</p>  <p>14401 CONNECTOR TO POTENTIOMETER L8136-A</p>	<p>Yes</p> <p>No</p>	<p>▶ GO to 5.</p> <p>▶ SERVICE as necessary.</p> <p>NOTE: If wiring to potentiometer is good, then replace electric actuator assembly.</p>
<p>5 CHECK CONTROL HEAD POTENTIOMETER</p> <ul style="list-style-type: none"> ● Disconnect and remove control head potentiometer. ● Check resistance between terminals No. 2 and No. 3. <ul style="list-style-type: none"> — With potentiometer @ full CCW resistance should equal 5000 OHMS. — With potentiometer @ full CW resistance should equal 300 OHMS. ● Is resistance linearly variable in between?  <p>POTENTIOMETER BUILT — IN CONNECTOR L8137-B</p>	<p>Yes</p> <p>No</p>	<p>▶ REPLACE electric actuator on evaporator case.</p> <p>NOTE: Check jumper harness on evaporator case for continuity during actuator replacement.</p> <p>▶ REPLACE potentiometer.</p>