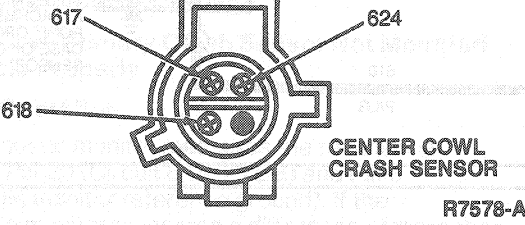


## DIAGNOSIS AND TESTING (Continued)

## DIAGNOSTIC TROUBLE CODE 44 (Continued)

TEST STEP		RESULT	ACTION TO TAKE
44-2	DEACTIVATE SYSTEM		
	<ul style="list-style-type: none"> <li>Deactivate system. Leave positive battery cable disconnected.</li> <li>Disconnect diagnostic monitor.</li> <li>Set ohmmeter on lowest ohm scale possible (200 ohms or AUTO).</li> <li>Zero ohmmeter. Record resistance reading with the two leads together.</li> <li>Measure resistance between Pin 20 (Circuit 618, P/LG) and Pin 3 (ground).</li> <li>Subtract the reading made when zeroing meter.</li> <li>Is result greater than 2 ohms?</li> </ul>	Yes No	GO to 44-3. REPLACE diagnostic monitor. RECONNECT system. VERIFY system. REACTIVATE system.
44-3	CHECK CENTER COWL CRASH SENSOR GROUND		
	<ul style="list-style-type: none"> <li>Disconnect center cowl primary crash sensor from harness.</li> <li>Measure resistance between Circuit 618 (P/LG) in sensor connector and a nearby, good, chassis ground. Make sure that this ground is clean and bare.</li> <li>Is resistance less than 2 ohms?</li> </ul>	Yes No	INSPECT Circuit 618 (P/LG) between Pin 20 of diagnostic monitor and sensor for open circuit. CHECK all interconnects for poor connections. SERVICE any poor connections. RECONNECT system. VERIFY system. REACTIVATE system. REMOVE screws retaining sensor. CLEAN mounting surface of center cowl sensor and chassis. INSTALL sensor. TIGHTEN screws to proper specification. GO to 44-4.
 <p style="text-align: center;">CENTER COWL CRASH SENSOR R7578-A</p>			
44-4	MEASURE RESISTANCE OF SENSOR TO GROUND		
	<ul style="list-style-type: none"> <li>Measure resistance between Circuit 618 (P/LG) in sensor connector and chassis ground.</li> <li>Is the resistance less than 2 ohms?</li> </ul>	Yes No	RECONNECT system. VERIFY system. REACTIVATE system. REPLACE center cowl primary crash sensor. RECONNECT system. VERIFY system. REACTIVATE system.

## Diagnostic Trouble Code 45

## Center Radiator Primary Crash Sensor Not Mounted To Vehicle Properly

## Normal Operation

The diagnostic monitor measures the resistance between Pin 21 (Circuit 620, P/LB) and Pin 3 (diagnostic monitor reference ground). If the diagnostic monitor measures a difference of more than 2.0 ohms between Pin 21 and Pin 3, it will flash out code 45.

Note that Circuit 620 (P/LB) is grounded to the side of the center radiator primary crash sensor case and the case is grounded to the vehicle at its mounting point.

## Possible Causes

High resistance on Pin 21 (Circuit 620 P/LB) to ground can be caused by:

- A poor connection due to loose mounting, dirt, or corrosion at the center radiator primary crash sensor mounting location.
- An open or damaged wire in Circuit 620 (P/LB) from Pin 21 of the diagnostic monitor harness connector to center radiator primary crash sensor.
- An open circuit inside the center radiator primary crash sensor.