

DIAGNOSIS AND TESTING (Continued)

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Pinpoint Tests—Diagnostic Trouble Code 52

DIAGNOSTIC TROUBLE CODE 52

TEST STEP		RESULT	ACTION TO TAKE
52-1	VERIFY CONDITION		
	<ul style="list-style-type: none"> ● Turn key to ON. ● Count diagnostic trouble code. ● Is Code 52 flashing? 	Yes No	GO to 52-2. Read the normal operation description for this diagnostic trouble code. EXAMINE the diagnostic trouble code schematic and look for areas where intermittent conditions would occur (connectors, splices, crimps, etc.) DO NOT proceed with pinpoint test until the code is flashing! Failure to do so will result in needless replacement of the air bag system components and repeat service.
52-2	DEACTIVATE SYSTEM		
	<ul style="list-style-type: none"> ● Deactivate system. ● Turn ignition switch from OFF to RUN. ● Wait 45 seconds. ● Measure voltage between Pin 15 (Circuit 611, W/O) and Pin 3 (ground). ● Is voltage measured 24 volts \pm 1 volt? 	Yes No	REPLACE diagnostic monitor. RECONNECT system. VERIFY system. REACTIVATE system. GO to 52-3.
52-3	CHECK FOR OPEN IN CIRCUIT 611		
	<ul style="list-style-type: none"> ● Turn ignition switch to OFF. ● Disconnect diagnostic monitor. ● Set ohmmeter to 200 k ohm scale or AUTO. ● Measure resistance of Pin 15 (Circuit 611, W/O) to Pin 3 (ground). ● Is resistance measured greater than 100,000 ohms? 	Yes No	REPLACE diagnostic monitor. RECONNECT system. VERIFY system. REACTIVATE system. GO to 52-4.
52-4	MEASURE RESISTANCE OF CIRCUIT 611		
	<ul style="list-style-type: none"> ● Disconnect LH kick panel safing sensor. ● Measure resistance between Pin 15 (Circuit 611, W/O) and Pin 3 (ground) at the diagnostic monitor harness connector. ● Is resistance measured greater than 100,000 ohms? 	Yes No	GO to 52-5. LOCATE and SERVICE short to ground in Circuit 611 (W/O). RECONNECT system. VERIFY system. REACTIVATE system.
52-5	CHECK FOR SHORT IN SENSOR		
	<ul style="list-style-type: none"> ● Measure resistance of Circuit 611 (W/O) in safing sensor connector to sheet metal ground. ● Is resistance measured greater than 100,000 ohms? 	Yes No	LOCATE and SERVICE short to ground in Circuit 612 (P/O). RECONNECT system. VERIFY system. REACTIVATE system. REPLACE LH kick panel safing sensor. RECONNECT system. VERIFY system. REACTIVATE system.