

DIAGNOSIS AND TESTING (Continued)

PINPOINT TEST E: RADIO IS INOPERATIVE OR INTERMITTENT (Continued)

TEST STEP	RESULT	ACTION TO TAKE
E3 DETERMINE LOCATION OF GROUNDED POWER FEED		
<ul style="list-style-type: none"> Turn ignition switch to OFF position. Determine location of grounded power feed to radio (common circuit to premium sound control, CB radio and power antenna, if so equipped). 	Grounded power feed found	SERVICE or REPLACE as required.
E4 CHECK POWER FEED		
<ul style="list-style-type: none"> Check power feed for proper connections. Are connections OK? 	Yes	GO to E5.
	No	CONNECT power feed properly.
E5 CHECK CONTINUITY PLUG		
<ul style="list-style-type: none"> Check to be sure that the continuity plug is present. It should be inserted at the top RH side of the connector block at the rear of the radio chassis. Press in firmly on the plug, making sure it is fully seated. Check for proper audio operation. Is the continuity plug present? 	Yes	GO to E6.
	No	REPLACE continuity plug.
E6 CHECK FOR POWER TO RADIO		
<ul style="list-style-type: none"> Check for power to radio using a test lamp or a voltmeter. Is there power to radio? 	Yes	GO to E7.
	No	SERVICE harness as required.
E7 CHECK SPEAKERS TO SEE IF CONDITION IS PRESENT ON ALL SPEAKERS		
<ul style="list-style-type: none"> With radio operating, check if condition is present on all speakers. Is condition present at all speakers? 	Yes	GO to E8.
	No	GO to E9.
E8 CHECK ANTENNA SYSTEM		
<ul style="list-style-type: none"> Check antenna system. Refer to Section 15-02. Is antenna system OK? 	Yes	GO to E8.
	No	CONNECT, SERVICE or REPLACE antenna components as required.
E9 CHECK RADIO CHASSIS		
<ul style="list-style-type: none"> Check radio chassis. Connect a known good speaker directly to radio chassis. Verify operation of radio. Is radio OK? 	Yes	REPLACE speaker or CONNECT, SERVICE or REPLACE speaker wiring as required.
	No	NOTE: Use premium sound diagnostic chart to service if vehicle is so equipped. Have radio chassis serviced at authorized service center.

TK19303A

PINPOINT TEST F
RADIO HAS WEAK RECEPTION

TEST STEP	RESULT	ACTION TO TAKE
F1 EXTEND POWER ANTENNA		
<ul style="list-style-type: none"> Extend power antenna (if so equipped) and position vehicle in an open area away from steel buildings. Check radio reception. Is reception OK? 	Yes	EXPLAIN to customer limitations of radio.
	No	GO to F2.
F2 CHECK ANTENNA CONNECTIONS		
<ul style="list-style-type: none"> Check antenna connections. Are connections OK? 	Yes	GO to F3.
	No	CLEAN and/or TIGHTEN antenna connections as required.