

DIAGNOSIS AND TESTING (Continued)

PINPOINT TEST D: NOISY FM RECEPTION— ENGINE RUNNING, VEHICLE NOT IN MOTION (Continued)

TEST STEP		RESULT	ACTION TO TAKE
D12	CHECK AMPLIFIER <ul style="list-style-type: none"> Substitute a known good amplifier. (PAC system only). Verify operation of radio. Is noise eliminated? 	Yes	Have amplifier serviced at an authorized service center.
		No	GO TO D13.
D13	REPOSITION THE FOLLOWING COMPONENTS <ul style="list-style-type: none"> Check if noise can be eliminated by repositioning antenna, speaker or radio power feed wires away from other wires and /or brackets. <p>NOTE: All surfaces used for grounding must be clean to ensure good electrical contact. Remove any dirt, rust, grease, paint, etc.</p> <ul style="list-style-type: none"> Verify operation of radio. Is noise eliminated? 	Yes	REPOSITION permanently by taping.
		No	GROUND various parts of the vehicle to the frame using a jumper cable for example, engine, fenders, quarter panels, stone deflectors, air cleaner, body sheet metal. When noise is eliminated, provide permanent ground where required.

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PINPOINT TEST E: RADIO IS INOPERATIVE OR INTERMITTENT

TEST STEP		RESULT	ACTION TO TAKE
E1	CHECK RADIO OPERATION <ul style="list-style-type: none"> Check operation of radio to determine if radio is inoperative or intermittent. 	Radio inoperative	GO TO E2.
		Radio intermittent	GO TO E4.
E2	CHECK FUSE <ul style="list-style-type: none"> Check fuse to see if it is blown. Is fuse OK? 	Yes	GO TO E4.
		No	TURN OFF ignition switch. REPLACE fuse. Turn ignition switch ON. RECHECK fuse. If fuse is bad, GO TO E3. If fuse is still OK, OPERATE radio, tape player and compact disc (if so equipped). If fuse fails, have radio serviced at an authorized service center. If fuse is still good, OPERATE other systems supplied by radio fuse. REFER to Section 18-01 for fuse listing. If fuse fails, SERVICE system identified to cause fuse failure using appropriate diagnostic chart. If fuse OK, radio system OK.

NOTE: For a repeated customer complaint perform the above test while driving on rough road conditions to isolate the system exhibiting an intermittent short circuit condition.