

DIAGNOSIS AND TESTING (Continued)

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

TEST STEP		RESULT	ACTION TO TAKE
D2	CHECK ANTENNA CABLE CONNECTIONS		
	<ul style="list-style-type: none"> Check antenna cable connections. Are connections clean and tight? 	Yes No	GO to D3. CLEAN and/or SECURE as required.
D3	CHECK ANTENNA MOUNTING		
	<ul style="list-style-type: none"> Check to make sure antenna is securely mounted to body and base screws are tight. Are mounting points tight? 	Yes No	GO to D4. CLEAN and/or SECURE as required.
D4	CHECK SPARK PLUG WIRES ROUTING		
	<ul style="list-style-type: none"> Check spark plug wires for proper routing and secureness of connections. Are wires OK? 	Yes No	GO to D5. REROUTE and/or SECURE connections as required.
D5	CHECK TYPE OF SPARK PLUG/WIRES		
	<ul style="list-style-type: none"> Check if wires are suppressor type and if spark plugs are the correct type. Are wires and plugs correct? 	Yes No	GO to D6. REPLACE spark plug or wires with the correct type.
D6	CHECK IGNITION SYSTEM		
	<ul style="list-style-type: none"> Check ignition system for proper operation. (Use EEC-IV Intermittent Ignition Analyzer (007-00035) or check for open circuit spark plug wires using ohmmeter.) Also, check spark plugs for cracked insulators. Is ignition system OK? 	Yes No	GO to D7. SERVICE or REPLACE components as required.
D7	CHECK CHASSIS MOUNTING		
	<ul style="list-style-type: none"> Check all radio chassis mounting points for secureness, cleanliness and metal-to-metal contact. Are radio mounting points OK? 	Yes No	GO to D8. CLEAN and/or SECURE as required.
D8	SUBSTITUTE ANTENNA		
	<ul style="list-style-type: none"> Substitute a known good antenna being sure to ground antenna base to an unpainted metal surface. NOTE: All surfaces used for grounding must be clean to ensure good electrical contact. Remove any dirt, rust, grease, paint, etc.	Yes No	REPLACE antenna. GO to D9.
	<ul style="list-style-type: none"> Verify operation of radio. Is noise eliminated? 		
D9	SUBSTITUTE ANTENNA CABLE		
	<ul style="list-style-type: none"> Substitute a known good antenna cable. Verify operation of radio. Is noise eliminated? 	Yes No	REPLACE antenna extension cable. GO to D10.
D10	CHECK GENERATOR		
	<ul style="list-style-type: none"> Check generator by disconnecting wiring from voltage regulator. Verify operation of radio. Is noise eliminated? 	Yes No	CHECK generator. REFER to Section 14-02. SERVICE or REPLACE as required. GO to D11.
D11	SUBSTITUTE RADIO		
	<ul style="list-style-type: none"> Substitute a known good radio. Verify operation of radio. Is noise eliminated? 	Yes No	Have radio serviced at an authorized service center. GO to D12.