

DIAGNOSIS AND TESTING (Continued)

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PINPOINT TEST B: PAC RADIO CONTROL FUNCTIONAL TEST (Continued)

TEST STEP	RESULT	ACTION TO TAKE
B 10 DISPLAY TEST (CONTINUED)		
<ul style="list-style-type: none"> ● Tune radio to FM stereo station. ● Is "ST" indicator on? 	Yes	End of PAC radio control test. If other concerns exist, REFER to appropriate diagnostic procedures.
	No	REMOVE radio for service.

TK16907B

PINPOINT TEST C: NOISY AM RECEPTION— ENGINE RUNNING, VEHICLE IN/NOT IN MOTION

TEST STEP	RESULT	ACTION TO TAKE
C1 CHECK ANTENNA CABLE CONNECTIONS		
<ul style="list-style-type: none"> ● Verify condition by operating radio while engine is running, with vehicle in or not in motion. ● Check antenna cable connections including extension cable (if so equipped). ● Are connections clean and secure? 	Yes	GO to C2.
	No	CLEAN and/or SECURE antenna cable connections as required.
C2 CHECK ANTENNA MOUNTING		
<ul style="list-style-type: none"> ● Check to make sure antenna is securely mounted to body at ground points. (Manual antenna — mounting screws to fender. Electric antenna — mounting nut above fender; and also, make sure that prongs of grounding collar at fender underside are contacting metal.) ● Are contacts clean and have metal-to-metal contact? 	Yes	GO to C3.
	No	CLEAN and/or SECURE connections as required.
C3 CHECK SUPPRESSION EQUIPMENT		
<ul style="list-style-type: none"> ● Check for presence of all required suppression equipment, body grounding strap and hood bonding strap (if so equipped) for security, cleanliness and metal-to-metal connection. ● Are connections OK? 	Yes	GO to C4.
	No	REPLACE missing equipment and/or CLEAN connections as required.
C4 CHECK MOUNTING AND CONNECTING WIRES OF FOLLOWING COMPONENTS		
<ul style="list-style-type: none"> ● Check the mounting and connecting wires of the generator's voltage regulator capacitor (if so equipped) and ignition coil capacitor for secureness, cleanliness and metal-to-metal contact. (Refer to Group 14). ● Are connections OK? <p>NOTE: The capacitor mounting points are used to complete the electrical circuit and must be mounted securely to clean surfaces.</p>	Yes	GO to C5.
	No	CLEAN and/or SECURE connections as required.
C5 CHECK OPERATION OF THE FOLLOWING COMPONENTS		
<ul style="list-style-type: none"> ● Check the operation of the generator's regulator capacitor and voltage regulator capacitor by replacing with known good components. ● Check generator by disconnecting wiring harness from voltage regulator. ● Verify radio reception. ● Is noise eliminated? 	Yes	GO to C6.
	No	SERVICE or REPLACE damaged components as required.
C6 CHECK SPARK PLUG WIRES		
<ul style="list-style-type: none"> ● Check spark plug wires for proper routing, grounding and secureness of connections. ● Are wires OK? 	Yes	GO to C7.
	No	REROUTE or REPLACE spark plug wires or SECURE connections as required.