

DIAGNOSIS AND TESTING (Continued)

PINPOINT TEST B: BUZZING SOUND FROM SPEAKER

TEST STEP	RESULT	ACTION TO TAKE
B1 CHECK FOR FOREIGN MATERIAL IN SPEAKER CONE		
<ul style="list-style-type: none"> Is there foreign material in speaker cone? 	Yes	REMOVE speaker, CLEAN foreign material. INSTALL speaker. RETEST system.
	No	GO to B2.
B2 CHECK SPEAKER MOUNTING HARDWARE		
<ul style="list-style-type: none"> Is speaker mounting hardware tight? 	Yes	REPLACE speaker.
	No	TIGHTEN mounting hardware. RETEST system.

TL6671C

PINPOINT TEST C: NO SOUND FROM FRONT (F), BACK (B), LEFT (L) OR RIGHT (R) CHANNEL PREMIUM (PAC) AND JBL SYSTEMS ONLY

TEST STEP	RESULT	ACTION TO TAKE
C1 CHECK SPEAKER OPERATION		
<ul style="list-style-type: none"> Set Balance and Fade control to mid-position. Are all speakers working properly? 	Yes	System OK. STOP test.
	No	GO to C2.
C2 CHECK CONNECTIONS TO RADIO, AMPLIFIER AND SPEAKERS		
<ul style="list-style-type: none"> Are connections OK? 	Yes	GO to C3.
	No	SERVICE connections. RETEST system.
C3 CHECK AUDIO INPUT LINE TO AMPLIFIER		
<ul style="list-style-type: none"> Install test cassette tape. Set Volume to MAX. Set Tone, Balance and Fade controls to mid-positions. Check for AC voltage (greater than 1.0 V RMS) between Circuits 278 and 855, 279 and 858, 277 and 859 or 280 and 857. Is AC voltage greater than 1 volt (RMS)? 	Yes	GO to C4.
	No	REPLACE radio.
C4 CHECK EACH SPEAKER FOR SHORT BETWEEN INPUT AND RADIO CHASSIS GROUND		
<ul style="list-style-type: none"> Are any speaker circuits shorted? 	Yes	GO to C5.
	No	REPLACE amplifier.
C5 LOCATE SHORT		
<ul style="list-style-type: none"> Is short internal to speaker? 	Yes	REPLACE speaker.
	No	SERVICE shorted wiring. RETEST system.

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PINPOINT TEST D: DISTORTION PREMIUM (PAC) AND JBL SYSTEMS ONLY

TEST STEP	RESULT	ACTION TO TAKE
D1 CHECK ALL CHANNELS FOR DISTORTION		
<ul style="list-style-type: none"> Is distortion in all channels? 	Yes	GO to D2.
	No	GO to D3.
D2 CHECK VOLUME RANGE FOR DISTORTION		
<ul style="list-style-type: none"> Is distortion only at high volume? 	Yes	System OK. STOP TEST.
	No	REPLACE radio. GO to D4.