## **DIAGNOSIS AND TESTING (Continued)**

## PINPOINT TEST H: ELECTRONIC SEARCH RADIO (ESR) SOUND SYSTEM—NO RADIO SOUND FROM ANY SPEAKERS (RADIO TURNED ON) (Continued)

	TEST STEP SAME TO	RESULT	ACTION TO TAKE
H2	CHECK AMPLIFIER CONTROL CIRCUITS	Townshauseralia ATTEMA	
3.8	Check power and control to amplifier as follows:     Ensure all harnesses are connected.     Turn ignition to ACC and radio to ON.     Check for battery voltage at the amplifier.	Yes floring appropriate mate No 29-81 15-02. No 15-02.	GO to <b>H3.</b> SERVICE wiring as required.
	yellow wire and at orange / light blue striped wire.  — Check for ground at the amplifier on the red wire.  • Is amplifier control circuit OK?	N OF RADIO ON AM AND FM reception on born AM and FM.	DITTECH NOTE AND
H3	CHECK FOR SHORT TO GROUND AT SPEAKER(S)		en trad in most and most and an english and an eng The control of the control of
is b	<ul> <li>Check for short to ground at one or more speakers, which can cause amplifier to shut down.</li> <li>Are any shorts found?</li> </ul>	Yes	CHECK terminals at connector for solder bridge, stray wire strands, bent terminals, or pinched shorted
			speaker wire. SERVICE or REPLACE as necessary.
	e le light parts le raile ; (40 GEHRIT )	Not)	REPLACE Premium Sound Amplifier.

TK10003E

## PINPOINT TEST I: PAC AND ESR SOUND SYSTEMS—NO SOUND FROM ONE OR MORE SPEAKERS

11001	TEST STEP	RESULT	<b>&gt;</b>	ACTION TO TAKE
	VERIFY CONDITION AT EACH SPEAKER     Check for sound at each speaker.     Are all speakers out?	Yes territorio as		GO to 12.
12	CHECK FOR POWER TO AMPLIFIER			40 to 16.
	Check power and control circuits to amplifier as follows: Connect all connectors of radio and sound system. Turn ignition to ACC and radio to ON. Check for battery voltage at the amplifier on yellow wire and orange / light blue striped wire. Is amplifier power circuit OK?	yes although and in age Yes although and and although and who had be a compared by the second and although although and although and although although and although altho	enovy igilo vir is by 9) puigi sises y is is tin roug or i	REFER to PAC Sound System Procedure or ESR Sound System Procedure (depending of PAC or ESR equipped vehicles). SERVICE wiring as required.
13	CHECK CONTINUITY OF INOPERATIVE SPEAKER(S)	*	100000	<del>- 100   100</del>
	<ul> <li>Disconnect amplifier from radio and speakers.</li> <li>Check continuity of inoperative speaker wiring harness from amplifier.</li> <li>Is there continuity?</li> </ul>	Yes No		GO to I4. CHECK for broken wires or connector pins. SERVICE or REPLACE control assembly as necessary.
14	CHECK FOR SHORT AT SPEAKER	80 800 500 600 600 600 600 600 600 600 600 6		
	<ul> <li>Check for short between inoperative speaker wires at the speaker connector.</li> <li>Are any shorts found?</li> </ul>	Yes		CHECK terminals at connector for solder bridge, stray wire strands, or bent terminals. SERVICE or REPLACE as necessary.
15	CHECK CONNECTOR AT AMPLIFIER			GO to 16.
	<ul> <li>Check amplifier wiring for damage.</li> <li>Check connector at amplifier for broken pins or wires or for shorts caused by stray wire strands between pins.</li> <li>Is amplifier connector OK?</li> </ul>	Yes Yes No		Amplifier is damaged. SEND to authorized service station for service. SERVICE open or shorted circuits as required.