



TECHNICAL SERVICE INFORMATION

REF: AUDIO

NO: AU001-96

MODEL: ALL MODELS

Title **STATIC NOISE ON WEAK AM STATIONS**

Page 1 of 3

Some Lexus audio systems may exhibit audible electrical noise on weak AM stations when various electrical accessories (turn signals, rear defogger, cruise control, brakes, etc.) are operated.

Poor antenna grounding can cause this condition.

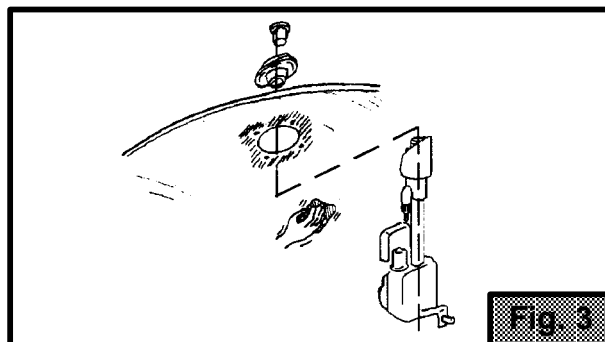
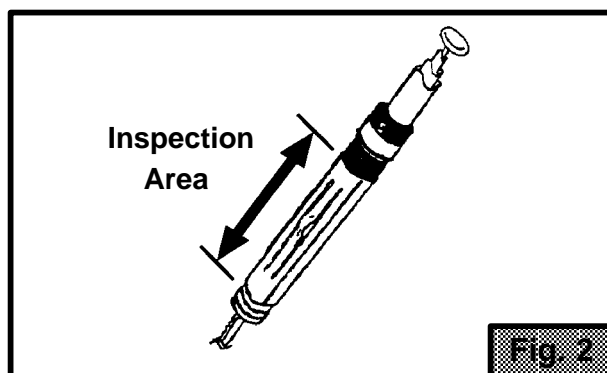
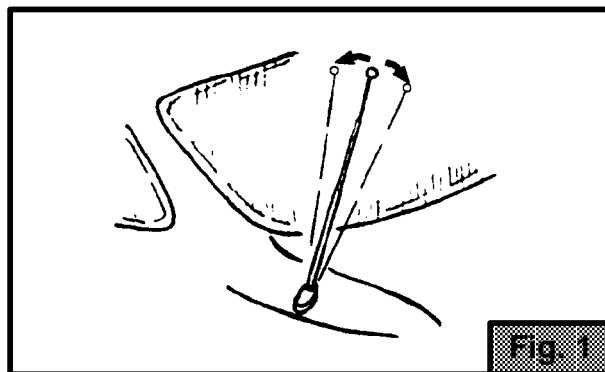
To eliminate or reduce the intensity of the noise use the following repair procedure:

REPAIR PROCEDURE:

1. Play the radio on a strong, static-free AM station and slowly move the tip of the antenna mast forward and back approximately 2 inches (Fig. 1). If static noise is not heard, go to Step 2. If static noise is heard during antenna movement, replace the antenna mast and go to Step 3.

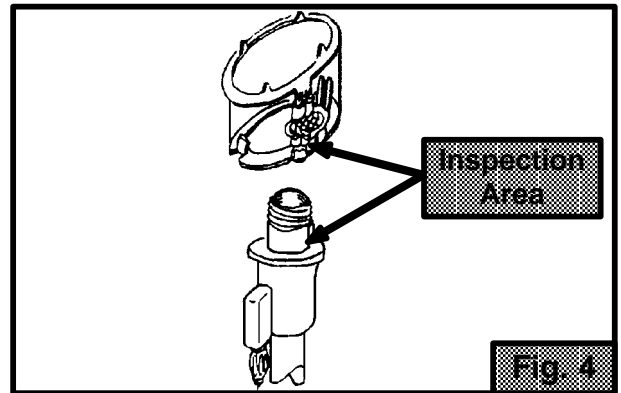
NOTE: Do not touch the antenna mast with your bare hands. Use a glove or non-metallic object to move the antenna. (If you touch the antenna with your hands, you will change the antenna sensitivity).

2. Remove the antenna mast and inspect the base of the mast for corrosion and damage. Clean with 1500 grit sandpaper (Fig. 2).
3. Remove the antenna assembly and inspect the inner fender around the antenna hole for corrosion. Clean with 1500 grit sandpaper (Fig. 3).

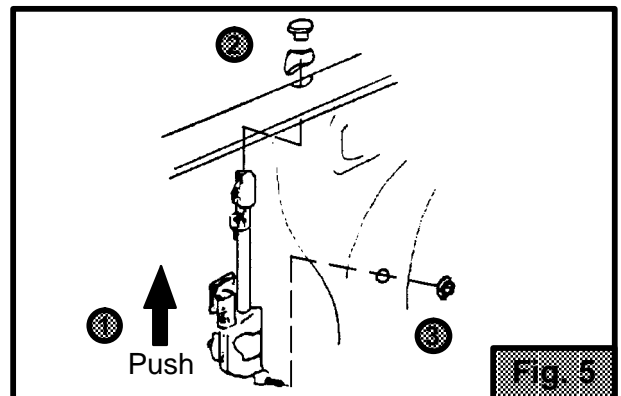


REPAIR PROCEDURE (Cont'd):

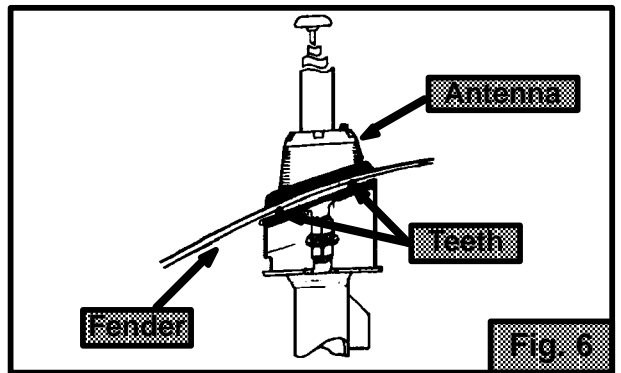
4. Remove the antenna spacer grommet at the top of the antenna assembly and inspect for corrosion. Clean with 1500 grit sandpaper (Fig. 4).



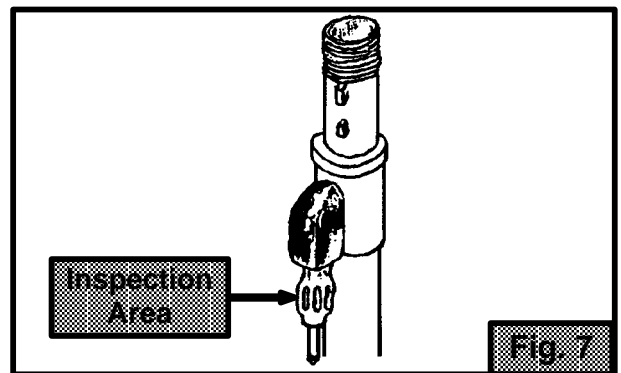
5. Reinstall the antenna assembly. Be sure to install the external antenna nut (escutcheon) first. Then install the nut which holds the assembly to the inner bracket (Fig. 5).



6. Check to make sure that the teeth on the antenna spacer grommet make good contact with the inner fender well (Fig. 6).



7. Inspect the antenna cable connection and clean as necessary. Reconnect the antenna cable, the wire harness and the drain hose (Fig. 7).



WARRANTY INFORMATION:

OPCODE	DESCRIPTION	TIME	OPN	T1	T2
EL5001	Listed TSIB repair procedure (All Items)	1.0	86300-XXXXX	76	73