



Dealer Service Bulletin

NO.: 7SB007-01-02A

SECTION: Electrical

DATE: October 20, 2000

MODELS

AFFECTED: Coaches equipped with Deluxe Sound Systems

SUBJECT: Noise Diagnostics – Deluxe Sound Systems

PLEASE FORWARD THIS INFORMATION TO YOUR RV SERVICE MANAGER.

If both the radio and TV emit a hum, buzzing or clicking noise (especially if the engine is running) the root of the interference is most likely the 12-volt constant source. Install a 12-volt DC filter (top photo) in the constant source wire CCS or GT at the pigtail connector on the rear side of the dash radio. Make sure the red wire is connected to the battery side and the yellow wire to the load side. Also tap a ground wire into the black lead wire for the filter to work properly.



If the hum is present only when the TV is on, unplug the audio output wire from the back of the TV. If the hum goes away, install a line level converter (bottom photo) in-line between the amplifier and the TV audio input cable at the amplifier.

Amplifier locations:

- *G-Series (Adventurer/Suncruiser) & L-Series (Chieftain/Sunflyer)* – beneath dash on RH side of engine cover.
- *P-Series (Journey/Horizon), Q-Series (Ultimate line) & G-Series on Diesel chassis* – behind the carpeted panel by the driver's left foot position.

If the hum is still present with cable unhooked from the back of the TV then replace the audio cable from the TV to the amplifier making sure the replacement is shielded cable.



For units with the *BOSE* sound system: If a hum is present while operating the TV, you may need to turn down the input level control on the Sony power amp. Also grounding the RCA cable outer jacket at the audio output jack on the back of the TV may eliminate the noise.

Steven R. Evenson
Director of Parts and Service

IMPORTANT THAT ALL PARTS AND SERVICE PERSONNEL READ AND INITIAL

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