

SERVICE BULLETIN

PLAINTIFF'S EXHIBIT

MAC-74

SEPTEMBER 1, 1977

No. Q88a under BRAKES

FOR BRANCHES, DISTRIBUTORS AND CUSTOMERS.

CHASSIS AFFECTED ALLENTOWN ☒ HAYWARD ☒ OAKVILLE ☒

RADIO NOISE SUPPRESSION

(All Models Equipped With Anti-Wheel Lock Brake System)

PURPOSE To instruct owners and operators how to suppress radio noise on subject vehicles.

RECOMMENDATION When radio noise is encountered, follow instructions in this bulletin.

INFORMATION Operator complaints of undue noise from radio speakers (AM-FM, tape players etc.) have been received. This could be the result of poor grounding of the radio chassis to the vehicle chassis.

A poor ground can aggravate conditions whereby brake controller hum and vehicle borne noise can be carried through the power line to the radio and then through the speaker system.

If after insuring that the grounding is satisfactory, and radio noise is still excessive, proceed as follows:

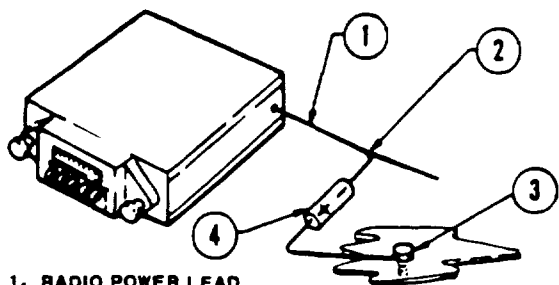
CAUTION

Electrolytic capacitors are polarity sensitive, having both a positive and negative end. Use caution when installing.

Connect a 100 MFD capacitor having a 50 volt WVDC (working voltage, direct current) from the radio power lead to the vehicle chassis as illustrated in Figure 1 for positive ground or Figure 2 for negative ground, depending on the vehicle electrical system.

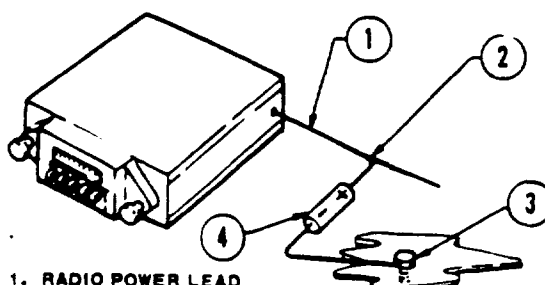
NOTE

The 100 MFD capacitors with a 50 volt WVDC are available from radio/TV repair shops or stores such as Lafayette Electronics, Radio Shack, etc.



1. RADIO POWER LEAD
2. SPLICE
3. VEHICLE CHASSIS
4. 100 MFD CAPACITOR - 50 WVDC

FIGURE 1
POSITIVE GROUND



1. RADIO POWER LEAD
2. SPLICE
3. VEHICLE CHASSIS
4. 100 MFD CAPACITOR - 50 WVDC

FIGURE 2
NEGATIVE GROUND

CIRCULATION

Service Manager
Shop Foreman
Night Foreman
Night Foreman
Inspector Leadman
Inspector Leadman
Inspector Leadman
Unit Overhaul Room
Shop Office