

This heavy-duty high-current noise filter is designed for use with automotive entertainment and communications equipment. It incorporates L-C filter sections for maximum rejection of alternator whine and ignition impulse noise.

Many noise problems are the result of poor ground connections. Check your grounds. If you replace a ground wire, use wire at least as large as that which originally came with your equipment and connect at the fuse block or directly to the battery.

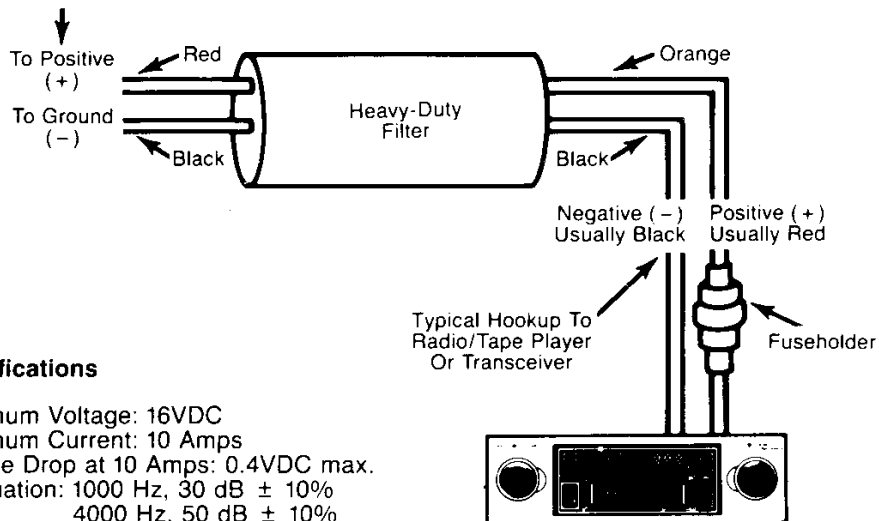
If you hear noise in your radio, disconnect the antenna. Still hear the noise? If you do, this filter may help you. If the noise disappeared when you disconnected the antenna, this filter **WILL NOT WORK FOR YOU**. This means that interference is being picked up by the antenna, and must be arrested at the source. Resistor plugs, noise suppressor plug wires, a distributor resistive filter, and motor feed-through capacitors are devices which eliminate or reduce interference at the source. If the noise was still present or if you hear it in your tape deck, this filter **MAY HELP ELIMINATE NOISE**.

### Installation

**CAUTION:** Although this product is designed to be installed by the do-it-yourselfer, incorrect hookup could result in damage to your vehicle's electrical system and/or the filter. If you have any doubts, refer installation to a qualified professional.

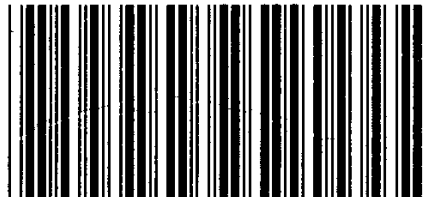
1. Disconnect the positive wire from the car battery.
2. Locate a convenient spot under the dash to install the filter. A mounting bracket with self-tapping screws is included and should be used to reduce the chance of damage to the filter. Do not drill through any wiring when installing the screws.
3. Make electrical connections to the equipment using the **ORANGE (+)** and **BLACK (-)** wires of the filter. Most equipment uses **RED** for positive (+) and **BLACK** for negative (-) hookup. If your equipment is fuse-protected, leave the fuse in place! Install the filter between the power source and the fuse.
4. Hook up the filter to electrical system. **RED (+)** wire goes to positive and **BLACK (-)** wire goes to ground. The most convenient source of power will be at the fuse block.
5. After checking your connections, reconnect the positive battery wire.

### Vehicle Electrical System Connections



### Specifications

Maximum Voltage: 16VDC  
 Maximum Current: 10 Amps  
 Voltage Drop at 10 Amps: 0.4VDC max.  
 Attenuation: 1000 Hz, 30 dB  $\pm$  10%  
 4000 Hz, 50 dB  $\pm$  10%



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