

Diagnose your noise problems

This 20-Amp Heavy-Duty Noise Filter is for use with high-power automotive entertainment and communications equipment. Its superb design gives you maximum filtering efficiency at low to intermediate power, as well as providing good filtering at very high power levels.

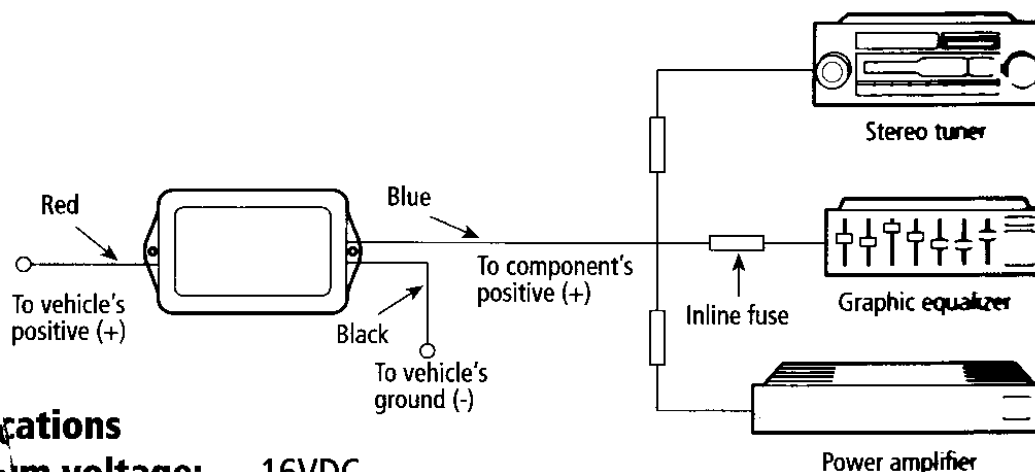
This noise filter can handle up to 20 amps, or over 200 watts.

Many noise problems are the result of poor ground connections. Check all the ground connections in your system. If you must replace a ground wire, be sure to use a wire at least as big as the wire you replace.

If you still hear noise, disconnect your system's antenna lead. If you still hear the noise, this filter should help. If the noise disappeared when you disconnected the antenna, this filter will not solve your problem. This means that your system is picking up noise through the antenna, and you must correct the problem at its source. Resistor plugs, noise-suppressor ignition wires, a distributor-resistive filter, and motor feed-through capacitors also reduce noise and are available at most auto parts stores.

Installation

1. Disconnect your vehicle's negative battery cable.
2. Mount your filter under the dash using self-tapping screws. If you must drill pilot holes, do not drill into air ducts, electrical assemblies, or mechanical assemblies behind the surface.
3. Disconnect your system's power cables. Connect your filter's blue lead to your system's main positive power lead (usually red with an inline fuse). If you have more than one component (for example: tuner, graphic equalizer) you can connect all of the component's power leads to the filter, so long as their combined current draw is less than 20 amps.
4. Connect your filter's red lead to your vehicle's positive power lead (from battery or fuse block). Then, connect the black lead to a good vehicle ground, such as engine block or vehicle frame.
5. Check all connections. Then, reconnect your vehicle's negative battery cable. To fully protect your filter, connect the red lead through a 20-amp fuse.



Specifications

Maximum voltage:	16VDC
Maximum current:	20A
Voltage drop at 20A:	0.6VDC (max)
Attenuation:	1000Hz, 35dB \pm 10%
	4000Hz, 45dB \pm 10%