

POWER ACOUSTIK

www.poweracoustik.com

WHAT DO YOU NEED A CAPACITOR FOR?

Today's car audio amplifiers need huge amounts of current. Often the vehicle's electrical system is unable to provide it. With your car's air conditioner running, the factory charging system may already be operating at 70% of full capacity. When a big bass note hits, or you are playing your system very loud, there may not be enough energy to reproduce all of the music making it to your system and you coming up short.

A capacitor stores current. Its super low internal resistance allows it to give up that current extremely fast. As quick as your amplifier needs current a **POWER ACOUSTIK** capacitor can provide it. Plus, as quick it discharges, it will recharge, ready for the big hit! Get all the sound possible from your system!

INSTALLATION

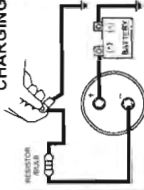
Make sure your car audio system is properly fused. You should have a system fuse for all components, the fuse should be installed within 18 inches of the battery. Connect this fused power wire to the positive terminal. Use another wire from the positive terminal to your amplifier(s) positive supply terminal. The ground wire from the amplifier(s) should be connected to the capacitor's negative terminal. A single wire from the capacitor's negative terminal should be connected to your vehicle's chassis ground. This completes the wiring. SEE INSTALLATION DIAGRAM.

Note: Capacitors are most effective when there is a 18"(0.5m) or less of wire between the cap and the amplifier(s).

DISCHARGING

The capacitor must be discharged when the capacitor is removed from the system. Place the same resistor/bulb which was used in charging across the terminals of the capacitor to eliminate the stored power. The capacitor will be fully discharged within a few seconds noted by the resistor heating or the bulb going out.

CHARGING



DISCHARGING

