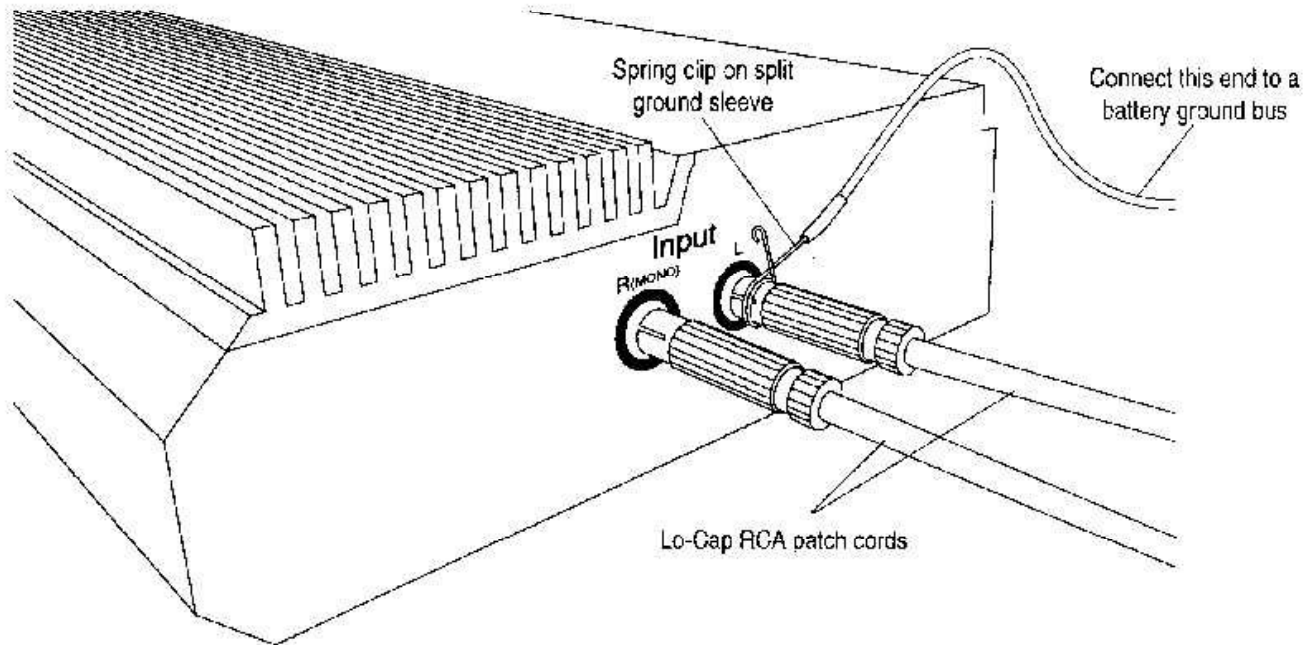


AMP GROUNDING LEAD

User Guide

The 802-292 Amp Grounding Lead provides a convenient low-resistance path to ground for car amplifiers of marginal stability installed in Audio Authority car audio displays. If an amplifier exhibits symptoms of instability such as overheating, going into protection, or audible misbehavior, check to be sure that the input cable(s) are of heavy gauge and well shielded. Use good quality RCA patch cords with foil shielded cables like the Audio Authority Lo-Cap RCA Patch Cords. If the cables are good but the symptom persists, install an Amp Grounding Lead as directed below.



Place the spring clip on the split ground sleeve of either RCA plug attached to the amp input jacks. Connect the other end of the grounding lead to a nearby battery ground bus such as the BAT (-) terminal of a 916X Access™ module or the GND terminal of the Series Two car audio comparator amplifier terminal block. If a BAT ground bus is inaccessible, try the amplifier's own ground terminal as a substitute. The Amp Grounding Lead may be shortened if desired.

Special input grounding is unnecessary with the vast majority of car audio amplifiers, but the Grounding Lead will help stabilize certain types of products in the retail display environment, such as those with unusually high bandwidth or those requiring a near-zero ohm input return path.

To achieve stability with wide-band amplifiers, bandwidth reduction should be considered. Contact Audio Authority Technical Service for details.