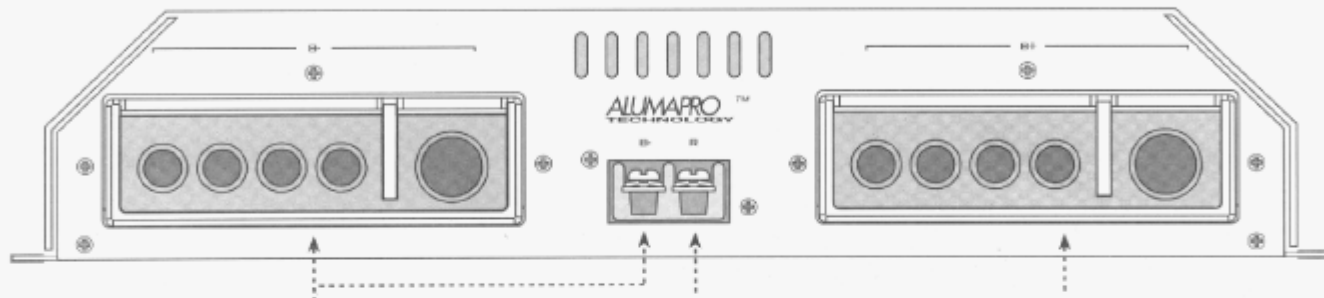


POWERCORE

15 farad distribution capacitor



B- TERMINAL (CHASSIS GROUND)
Connect the 1/0 and 12 gauge inputs to a clean, solid chassis ground. Remove all paint and dirt from the chassis connection point. Connect the 4 gauge output(s) to the B- terminal(s) on the amplifier(s).

REMOTE TURN-ON TERMINAL
Connect to a switched 12 Vdc source such as the headunit's "remote" or power antenna wire.

B+ TERMINAL (BATTERY POSITIVE)
Connect the 1/0 gauge input directly to the 12 volt source at the positive battery terminal. Remember to properly fuse the 1/0 gauge input cable within 18 inches of the positive battery terminal. Connect the 4 gauge output(s) to the B+ terminal(s) on the amplifier(s).

Installation Instructions

Notes Prior to Installation

- The Powercore will automatically charge up instantly each time the system is activated and discharge within minutes of system shutdown. A solenoid, discharge resistor, and relay are located within the Powercore, which allows the charging and discharging. The solenoid and relay must never be bypassed for safety reasons.
- In normal use, the Powercore does not get more than mildly warm to the touch. If high temperatures are found in operation, it is likely wired incorrect and must be corrected immediately.
- When the Powercore is activated, DO NOT TOUCH the power connections with any metallic objects such as screwdrivers and other tools. A short from power and ground may result in arcing and possibly a fire.

Disconnect the vehicle's ground or negative terminal at the battery.

Select an appropriate mounting location leaving room for large power and ground wires. For best performance, make all wiring runs from the Powercore to the amplifiers as SHORT as possible.

Carefully install the 12 volt source (B+), ground (B-), and remote (R) wires to the appropriate terminals on the Powercore. The 12 volt source (B+) and ground (B-) terminals each have one 1/0 gauge input and four 4 gauge outputs. The Powercore was designed to also serve as a power and ground distribution block.

The 12 volt source (B+) 1/0 input should be wired to the battery's positive terminal, while chassis ground (B-) 1/0 and 12 gauge inputs should be grounded to a clean, unpainted area on the chassis of the vehicle. The 4 gauge outputs are to be wired to the amplifiers' corresponding 12 volt source (B+) and ground (B-) terminals. The remote turn-on lead from your headunit is to be wired to the 12 gauge remote (R+) terminal.

Verify that all wires are routed to the appropriate positive and negative terminals on the Powercore and amplifiers.

At the battery, reconnect the ground or negative terminal and turn-on the vehicle's audio system. You should hear the internal relay click and the wires may actually jump when the Powercore charges. Run the system for awhile and take note that the voltage across the B+ and B- terminals should be above 12 volts. Also the three Superbrite™ LEDs should be lit on the top of the unit.

Shut the audio system off. You should hear the relay click again and the Powercore will take a few minutes to discharge to ground through the internal 20 ohm resistor. The three Superbrite™ LEDs on top of the unit will not be lit when the Powercore is discharged.

PHOENIX GOLD

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