

SPECIFICATIONS

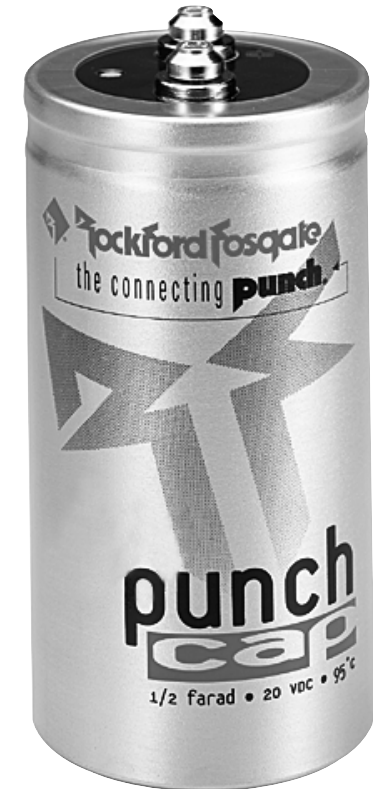
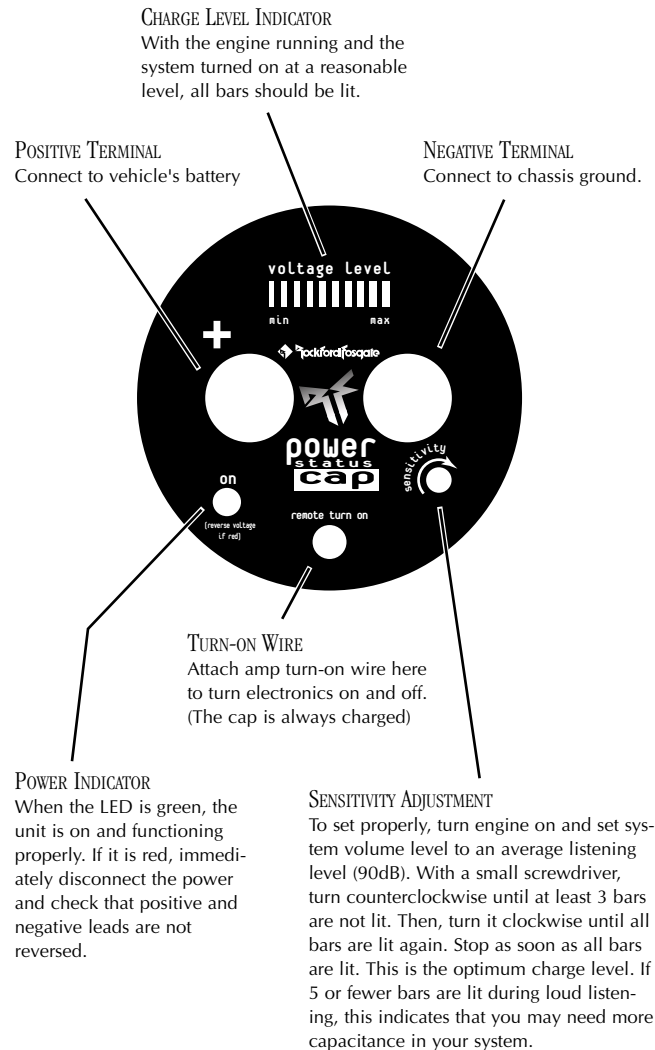
Rating:	1,000,000 mF – 1 farad (RP7410, RP7400) 250,000mf (RP7402) 50,000mf (RP7405)
VDC:	20V Max, 24V surge (16V, 20V surge on RP7400)
Tolerance:	-10% + 50%
Dimensions:	3" x 8.625" (RP7410, RP7400), 3" x 6.5" (RP7405), 3" x 3.5" (RP7402) all "status" caps add 3/4" for height
ESR:	<0.00198Ω @ 120Hz 25°C
Terminals:	1/4" 28 thread, 24 karat gold-plated
Tools:	3/16" Allen wrench

WARRANTY INFORMATION

These capacitors are nearly indestructible and will provide years of service if installed and used in accordance with the instructions in this manual. If this product should prove to be defective within a period of ninety (90) days from the date of purchased, contact your dealer or Rockford Corporation Customer Service Department at 1-800-669-9899 for replacement instructions.

In the event the vent is blown or leaking as a result of switched polarity, the capacitor is not covered by warranty. Stripped screws or terminals are not covered by warranty.

POWER SERIES 'STATUS' CAP FEATURES



Reinforcement Capacitor

RP7400/RP7402/RP7405
RP7410/RP7430/RP7435

Installation & Application Manual

POWER WIRING CONSIDERATIONS

Installation is simple and straightforward. When installing the capacitor, we recommend using the same gauge wire as that of the power connection to the amplifier. Ground the capacitor to the nearest chassis ground using the same gauge wire as that used for the power connection. It is strongly recommended the capacitor be fused at the battery. The fuse value should be the same as that of the power connection to the amplifier. This fuse should be installed 18" from the battery (See illustration).

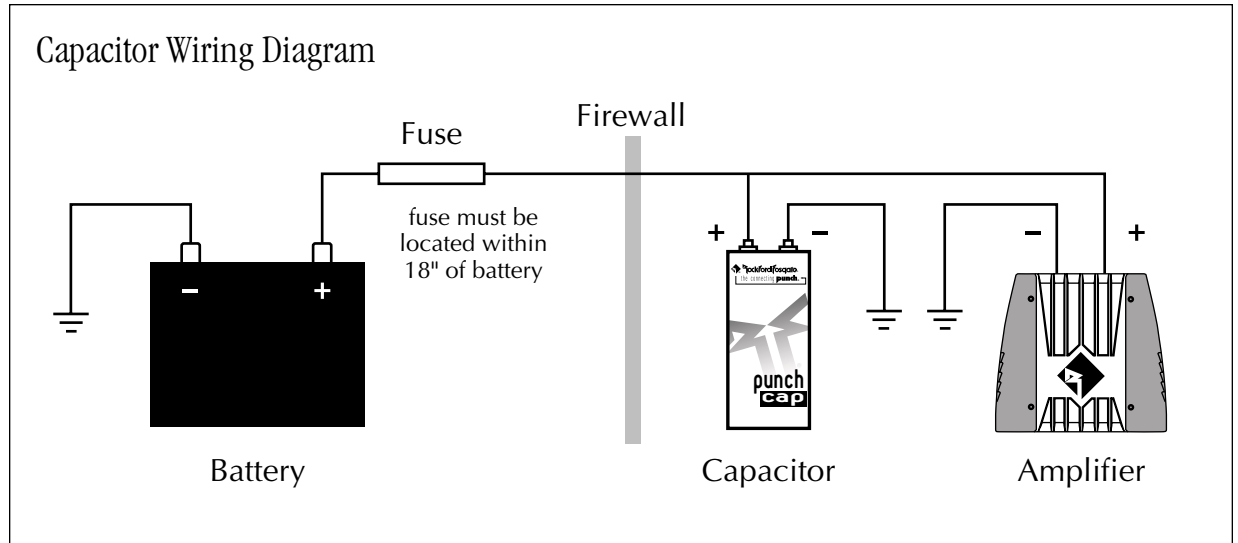
If the capacitor is to be used in a multi-amp system, a power distribution block may be used between the capacitor and the amplifiers. It should be wired using the same gauge wire as that of the main system.

The positive side of the capacitor will be connected to the positive side of the amplifier's power connection (B+).

Caution: Do Not Overtighten Screws! Stripped or broken terminals are NOT covered by the warranty

INSTALLATION / MOUNTING

The Rockford Fosgate Reinforcement Capacitor should be mounted as close to the amplifier as possible keeping the wire runs short to reduce



voltage losses in the cables. Use the mounting brackets supplied to secure the capacitor as close to the amplifier as possible.

The capacitor may be mounted in any position; however, care should be taken to ensure the venting hole on the top is unobstructed at all times. This vent is a relief valve should the electrical polarity become crossed. Should the capacitor be damaged, fluid will exit from this vent rendering the capacitor useless.

CHARGING

THE CAPACITOR MUST BE CHARGED PRIOR TO INSTALLATION.

TO CHARGE your Cap: place the charging card (supplied in this package) on the Capacitor with the end marked "+" on the positive (+) terminal of the Cap. Hand tighten the supplied terminal screws to secure the charge card in

place on both terminals. Connect the red wire to a 12V power source. Connect the black wire to ground. The green LED on the charge card should light. When the green LED goes out, your cap is charged.

TO DISCHARGE your Cap: simply place the charging card on your Cap with the end marked "+" on the positive (+) of the Cap. Hand tighten the supplied terminal screws to secure the charging card in place on both terminals. Connect the red and black wires together. When the red LED goes out, your Cap is discharged.

A voltmeter should be used to verify that the capacitor is fully charged. When the charging process is complete, the resistor may be disconnected and stored for later use.