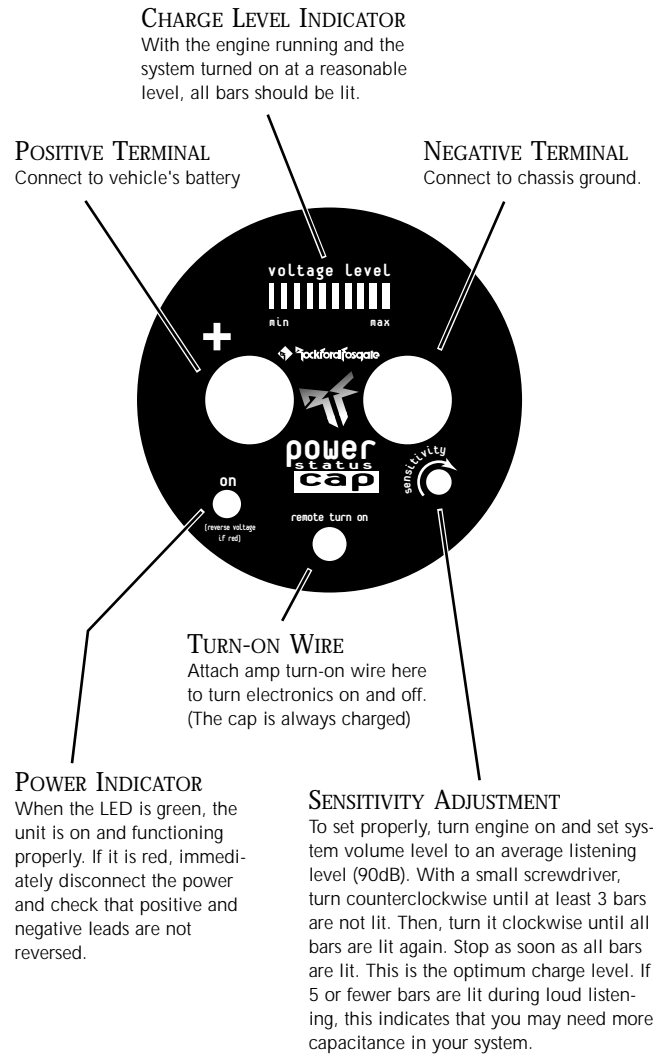


SPECIFICATIONS

Rating:	1,000,000 mF – 1 farad (CP7410, CP7400) 250,000mf (CP7402) 50,000mf (CP7405)
VDC:	20V Max, 24V surge (16V, 20V surge on CP7400)
Tolerance:	-10% + 50%
Dimensions:	3" x 8.625" (CP7410, CP7400), 3" x 6.5" (CP7405), 3" x 3.5" (CP7402) 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

POWER SERIES 'STATUS' CAP FEATURES



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.

Connecting Punch
Rockford Corporation
546 South Rockford Drive
Tempe, AZ 85281 USA
USA, (480) 967-3565
Europe, Fax (49) 4207-8101250
Japan, Fax (81) 559-79-1265



Reinforcement Capacitor

CP7400/CP7401/CP7405

CP7410/CP7430/CP7435

CP7436/CP7437

Installation & Application Manual

POWER WIRING CONSIDERATIONS

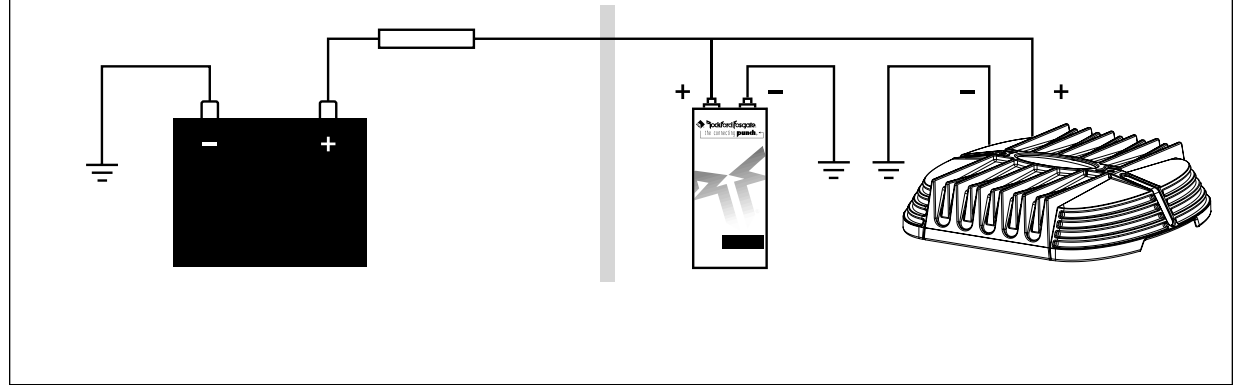
Installation is simple and straightforward. When installing the capacitor, we recommend using the same gauge wire as that of the power connection to the amplifier. Ground the capacitor to the nearest chassis ground using the same gauge wire as that used for the power connection. It is strongly recommended 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

Capacitor Wiring Diagram



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 supplied resistor is used to initially charge the capacitor. Place the resistor in series between the positive terminal of the battery and the positive terminal of the capacitor. Charging is complete when the voltage at the capacitor reaches the vehicle's battery voltage and should take only a matter of seconds to complete.

It is very important that polarity be observed and maintained during this process to eliminate the possibility of damaging the capacitor, the battery, or other associated equipment.

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.