

7127-HP170 Hi Output 175 amp 12 volt alternator instructions.

Alternator is designed to mount on any standard Delco 10Si or CS130 style 90 degree mounting brackets.

Before proceeding, disconnect the positive side of battery from the car, this will keep you and the car safe while installing.

When mounting alternator, tension the belt tight so there is no belt slippage. This is important on these high output alternators.

On the side of the alternator connect the 8AWG wire to the 5/16" output terminal and the other end of this wire to the positive side of the battery or any place that connects to positive battery connection using the in-line fuse. We do not recommend running output of this alternator through standard dash ammeters or battery gauges. The high output can damage these meters. Recommend installing aftermarket volt meter or correct size ammeter that can handle the 175 amps.

Alternator is a one wire connection, no excite wire is needed.

Once alternator is installed and connected, check that the alternator is well grounded with continuity check from alternator frame to the negative side of battery.

Before starting, make sure the battery is fully charged to 12.6 volts. Next reconnect the battery and check the voltage at the back of the alternator should be same as the battery voltage within .5 volts.

Next start the engine, bring up the RPM and test alternator output should be 14.1 volts. This is the correct voltage to keep the battery charged.

Note: if battery is low voltage, charge battery with external battery charger. Do not try and charge low or dead battery with the alternator as it will damage the alternator regulator.

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