

Cadillac 1936-1948 Flathead V8, 6 volt positive ground alternator instructions.

Alternator is designed to mount onto the existing generator mount in the same location as the old generator. Comes with 3/4" pulley fits both 5/8" and 3/4" belts.

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.

On the back of the alternator connect the 10AWG wire directly to the negative side of the battery using the in-line fuse.

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

Before starting make sure the battery is fully charged to 6.3 volts +/- reconnect the battery and check the voltage at the back of the alternator should be same as the battery voltage within .2 volts.

Next start the engine, bring up the RPM and test alternator output should be 7.3 volts +/- This is the correct voltage to keep the battery fully 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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