

## **Cadillac 1936-1948 Flathead V8 12 volt neg 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 plus side of the battery using the in-line fuse.

Next connect the alternator excite plug with the white wire into the alternator socket. Connect the other end of the white wire to switched 12 volts. You can connect to either the key switch or the Plus side of the ignition coil. When key switch is on will send 12 volts into the alternator to keep alternator charging.

Once alternator is installed and the two connections are made, 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, 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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