



INSTALLATION OF NEW MECHMAN ALTERNATOR ON CHRYSLER & JEEP VEHICLES.

- 1 Disconnect negative battery post.
- 2 Remove all wires from stock alternator.
- 3 Remove belt(s) and remove alternator.
- 4 Install new alternator with bracket as shown in diagram and tighten all bolts. Install serpentine belt. If your belt is a 7 grooves, then install it on the inner seven grooves on the alternator.
- 5 Attach new adapter plug to original small ring terminals as per instructions on diagram and below.

The original Chrysler/Jeep alternator is externally regulated by the computer using the two small ring terminals on the molded connector. If these terminals are bypassed, the new alternator will charge but the dash light will not go off. To alleviate this problem, we have designed an adapter that will signal the computer that all is working properly. **(SEE PAGE TWO FOR THE VARIOUS TYPES OF CONNECTIONS.)** The two small ring terminals on our adapter need to connect to the ring terminals on the original molded plug. The Green or Green/red stripe wire needs to connect to the hot side or ignition. To insure that the right ring terminal is being used, it is only necessary to turn on the ignition and measure the voltage at the two molded terminals or plug before disconnecting the battery. The one with the highest voltage is the ignition side and the Green or Green/red wire connects there. The other is the regulator side and the White or White/black stripe wire connects there. The Yellow or Yellow/white stripe wire is to be connected to the output of the new alternator or the original output charge wire and tape all connections. **Note: On the latest generation of Chrysler/Jeep vehicles, a plug (different styles) are used instead of the two screw studs. We have direct plug-in adapters for three of these plugs. If the alternator will not start to charge properly with this plug, then open the adapter harness and reverse the two wires.**

- 6 Insert the plug end of the adapter into the PROPOWER alternator.
- 7 If the original alternator has 6 grooves, reinstall the serpentine belt on new PROPOWER alternator same as original. If the original alternator has 7 grooves, install belt on the inner 7 grooves of 8 groove pulley if so equipped.
- 8 Install new charge cables (1/0 gauge) as indicated on notes on alternator and cables. Reattach the negative cable that was previously removed. This completes the installation.

Insert the original stock plug into the adapter plug. If the alternator does not charge, the two wires need to be reversed. Just pull out the spade connectors and reconnect them in the reverse manner in which they came from the factory. The alternator will then charge properly.

