## ALTERNATOR – Fitting/Installation Guide



- 1. Please read any "Technical Bulletin" that may be supplied with this unit.
- 2. Remove negative battery cable.



- 3. Charge and load test battery.
- 4. Identify, tag and remove all wire connections from the old alternator.
- 5. Remove old alternator.
- 6. Make sure that the pulley on the new and old unit match.
- 7. Clean wire connections so that bare metal is present for good connection
- 8. Install new alternator.
- 9. Inspect belts for wear, cracks, glazing and replace if necessary.
- 10. Check installation.
- 11. Clean the negative battery cable and terminals. Reconnect negative battery cable <u>last.</u>
- 12. Start engine and check the charging system warning lamp on instrument panel for proper operation. Allow the engine to idle for approx 10 minutes to allow the voltage to stabilize.
- 13. STOP engine, verify belt tension and check mounting bolts.

## FAILURE TO FOLLOW THE INSTALLATION INSTRUCTIONS MAY INVALIDATE YOUR WARRANTY

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## SAFETY/ADDITIONAL INFORMATION

- 1. Never disconnect a battery cable with the engine running.
- 2. Always disconnect the negative battery cable before removing the old unit.
- 3. Make sure that you have a good, fully-charged battery.
- 4. Do not overload the alternator with additional devices that may exceed the capacity (output) of the alternator, i.e. high power stereos, fog/spot lights etc...
- 5. Check other components within the charging system that may cause charging problems
  - a. Loose mounting bolts
  - b. Bad battery
  - c. Contamination (Oil, diesel, clutch dust, dirt, water)
  - d. Fuses, wiring, fuse links
  - e. Cables, connections, grounds
  - f. Belts
  - g. Adjustable tensioners
  - h. Increased load demands
  - i. External regulators
  - j. Charging system relay or dash indicator (Warning lamp)