

### 34SI™ - 35SI™ - 36SI™ REMOTE SENSE JUMPER LEAD INFORMATION & INSTRUCTIONS

**IMPORTANT!!! THIS ALTERNATOR MAY HAVE AN EXTERNAL JUMPER LEAD CONNECTING THE OUTPUT POSITIVE (+) TERMINAL AND THE REMOTE SENSE TERMINAL.**

- REMOVE AND DISPOSE OF THIS JUMPER LEAD IF THE VEHICLE HAS A LEAD DIRECTLY CONNECTING THE REMOTE SENSE TERMINAL TO THE BATTERY POSITIVE (+) TERMINAL.
- RETAIN AND USE THIS LEAD IF VEHICLE DOES NOT HAVE A LEAD FROM THE ALTERNATOR REMOTE SENSE TERMINAL TO THE POSITIVE (+) BATTERY TERMINAL. CONNECT THE JUMPER LEAD ACCORDING TO INSTRUCTIONS BELOW.

This alternator is provided with an external jumper lead that prompts alternator voltage to be at the regulator set-point value when the remote sense terminal is not connected to the vehicle. If the jumper is removed *and* remote sense is lost or not connected, an internal back-up circuit provides continued alternator operation, but at a slightly higher voltage. If this higher voltage is not desired, the external jumper will by-pass the internal back-up circuit and control voltage at the regulator set point.

**WARNING!!!** ALWAYS USE PROPER EYE PROTECTION WHEN PERFORMING ANY MECHANICAL REPAIRS TO A VEHICLE – INCLUDING, BUT NOT LIMITED TO, ANY INSTALLATION AND OR REPAIRS TO THE DELCO REMY ALTERNATORS. FAILURE TO USE PROPER EYE PROTECTION CAN LEAD TO SERIOUS AND PERMANENT EYE DAMAGE.

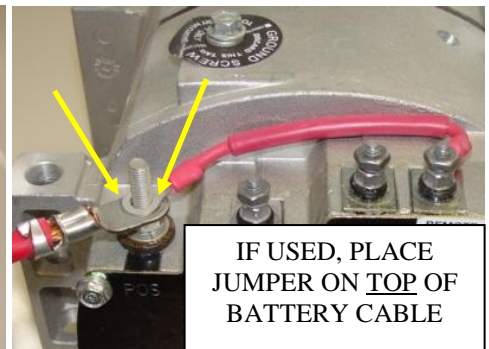
**DANGER!!!** To avoid injury or damage, always disconnect the negative cable at the battery before removing or replacing the alternator. The alternator output terminal is always live (“hot”). If the battery is not disconnected, a tool accidentally touching this terminal and ground can quickly get hot enough to burn skin or damage to the tools and surrounding parts.

**FOLLOW ENGINE OR VEHICLE MANUFACTURER’S INSTRUCTIONS FOR REMOVING THE OLD ALTERNATOR FROM THE ENGINE AND INSTALLING THE NEW ALTERNATOR.**

**CAUTION!!!** Removal or installation of jumper lead should not be attempted with vehicle battery(s) connected to the alternator.

#### **EXTERNAL JUMPER LEAD REMOVAL & INSTALLATION PROCEDURES**

- Remove alternator battery and sense terminal hardware. When removing or installing alternator hardware, hold the bottom jam nut with a wrench to prevent loosening the terminals from the alternator.
- Remove the jumper lead from the battery and sense terminals.
- Replace hardware on the battery and remote sense terminals so it is available for use when alternator is installed into the vehicle.
  - ❖ Recommended battery terminal torque is **6.2-7.9 Nm (55-70 lb in)**.
  - ❖ Recommended sense terminal torque is **1.7-2.8 Nm (15-25 lb in)**.



SEE INSTRUCTION SHEET ON [www.delcoremy.com](http://www.delcoremy.com) WEBSITE FOR MORE DETAILS ON REMOTE SENSE JUMPER LEAD INSTALLATION.

Technical support: USA 800 854 0076, Mexico 01 800 000 7378, Brazil 0800 703 3526, South America 55 11 2106 6510 or visit [delcoremy.com](http://delcoremy.com)

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