



Follow these instructions to properly install dual alternators with multiple engines in parallel-synchronized configuration:

1. Ensure each alternator is properly installed on vehicle. Consult appropriate installation instructions for each CEN alternator model.
2. Connect alternator as shown in Figure 1. Ensure that B+ and B- cables are properly sized to eliminate voltage drop.
3. Ensure all cables and wires are supported within 305 mm (12 in.) of termination points to prevent rotation and loosening of cable leads, which can result in damage to terminals.

CAUTION

Undersized cables may cause excessive voltage drop, resulting in charge voltage fluctuations and other voltage anomalies.

NOTICE

In the event of excessive voltage drop, voltage reference for the pair defaults to leader alternator voltage. This will result in higher or lower voltage, and may produce other anomalies.

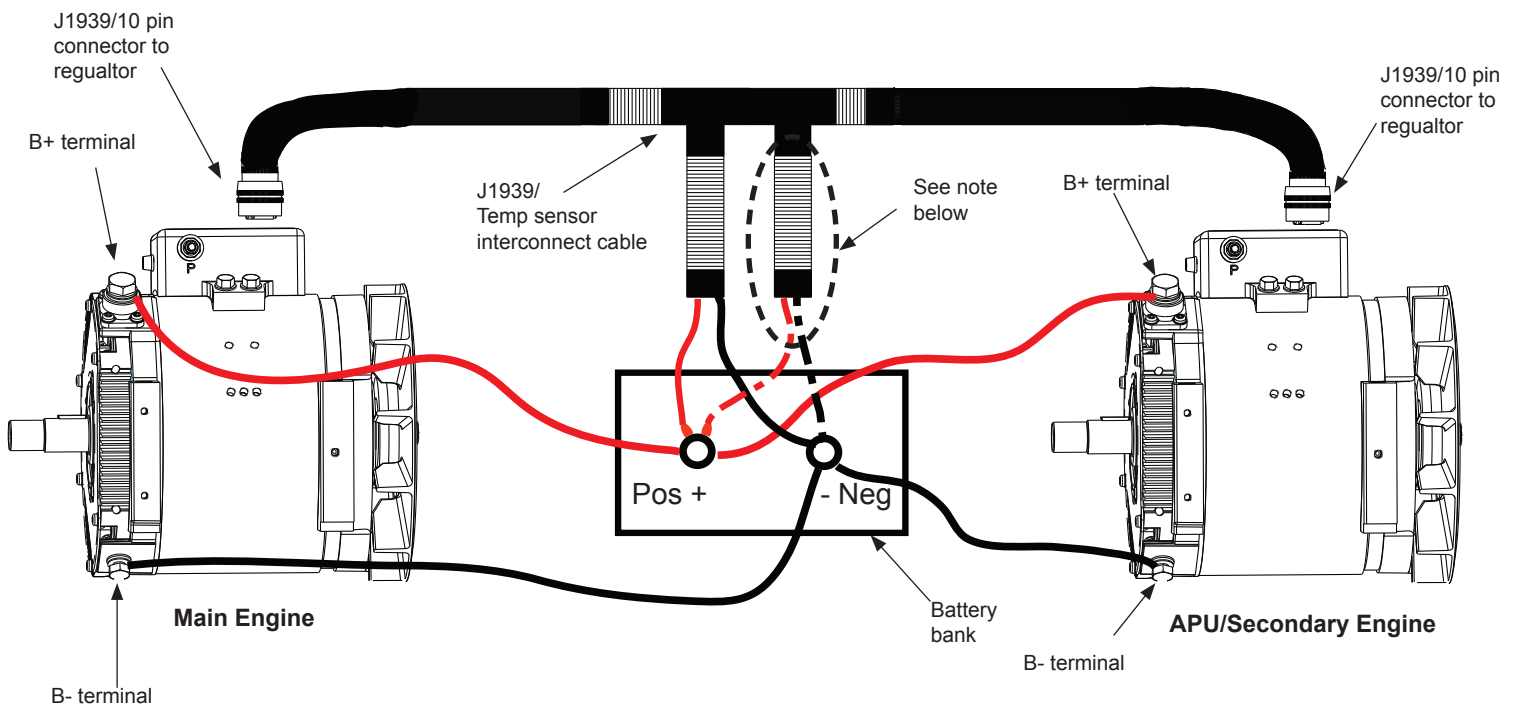


Figure 1: Dual C527 Alternator Installation

Note: Necessary only if APU/Secondary engine runs independently of main engine.

NOTICE

This harness is the key to both alternators working independently and in sync.

If you have questions about your alternator or these instructions, or if you need to locate a Factory Authorized Service Dealer, please contact us at:
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