



**Installation Instructions**

Table 1 – Voltage Select Switch Position	
4 Voltage Setpoints (Fig. 1)	Customer Requirements
Position 1	NATO SLAB with isolator
Position 2	NATO SLAB without isolator
Position 3	6TL-MF with isolator
Position 4	6TL-MF without isolator

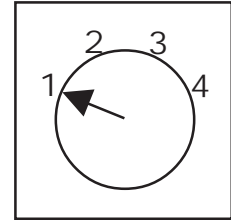


Figure 1 – 4 Voltage Setpoints

**Note:**

Customers with isolators: Use switch position 2 or 4 only, otherwise battery overcharging may occur.

Customers without isolators: Use switch position 1 and 3 only if vehicle is equipped with a diode battery isolator module for multiple battery packs.

If in doubt, please contact the vehicle manufacturer for battery information.

1. Before installing, turn regulator over and select appropriate voltage setpoint for battery type and charging system configuration (See Table 1 and Fig. 1).
2. Install regulator as described by the vehicle-level installation instructions.
3. Plug the regulator-to-alternator harness into the alternator.
4. If battery sense connection is used with the application, connect as shown in Figure 2. Battery sensor connector monitors the actual battery terminal voltage and temperature. Temperature sensor is 10KΩ at 25°C and 1.256KΩ at 80°C. If battery sense connection is not used, the regulator reverts to an internal voltage and temperature reference.
5. LED will flash RED when voltage is high, AMBER when voltage is low, GREEN when voltage is normal. LED will remain steady RED when OVCO circuit has activated. Alternating AMBER/RED will flash when the battery sense harness becomes disconnected. On applications without the battery sense connection, the LED will always flash AMBER/RED regardless of the state of alternator voltage because the battery sense connection is not used.

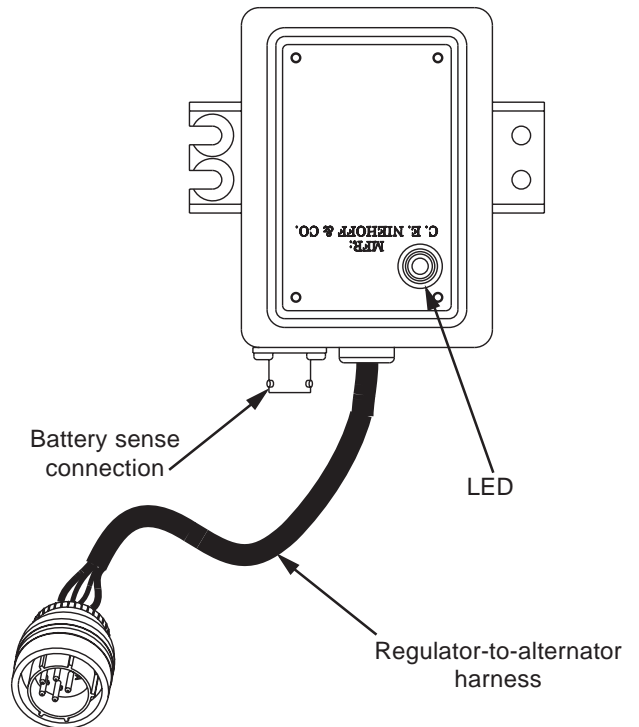


Figure 2 – N3202 Regulator