



The A9-4084 Metri-Pack adapter harness allows alternators with a flat Metri-Pack connector harness that use an A2-121 regulator to be retrofitted with an A2-350 smart regulator.

Follow these instructions to properly install an A9-4084 adapter harness:

1. Remove A2-121 regulator.

- a. Disconnect alternator-to-regulator regulator harness connector from A2-121 regulator.
- b. Remove mounting screws on regulator, then remove regulator.

2. Install A2-350 regulator.

NOTICE A2-350 regulator can be used with or without a separately supplied J1939/temperature-voltage sense harness.

- a. Before installing regulator, turn it over and make sure setpoint of voltage switch on bottom of regulator is appropriate for type of battery used. If necessary, change switch setting. Factory setting is position 2. See Figure 2.
- b. Install A2-350 regulator on alternator and torque mounting hardware to 8.5 Nm/75 lb. in.

3. Install A9-4084 harness adapter.

- a. Connect Metri-Pack connector on A9-4084 adapter harness to Metri-Pack connector on regulator harness.
- b. Connect phase wire from A9-4084 adapter to phase terminals P1, P2, or P3 on alternator.
- c. Connect 5-pin connector on A9-4084 adapter harness to receptical on regulator. See Figure 3.
- d. If installing a J1939/temperature-voltage sense harness, plug harness into receptical on regulator. Follow separate installation instructions for installing harness on vehicle. Harness supplied separately.

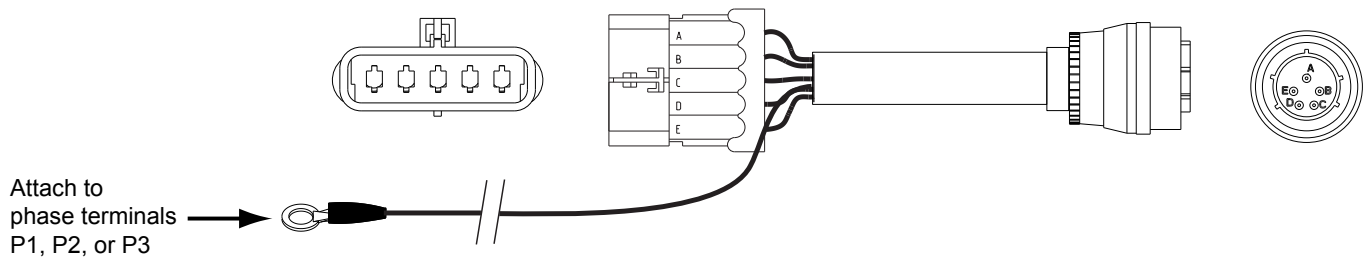


Figure 1: A9-4084 Metri-Pack Adapter Harness

Switch Setting	Voltage (Harness Not Connected)	Battery Type (Harness Connected)
Position 1	13.8V	Maintenance (D Category)
Position 2	14.0V	Maintenance-Free (Group 31)
Position 3	14.3V	AGM
Position 4	14.5V	14.5V Flat

Figure 2: Voltage Switch Settings

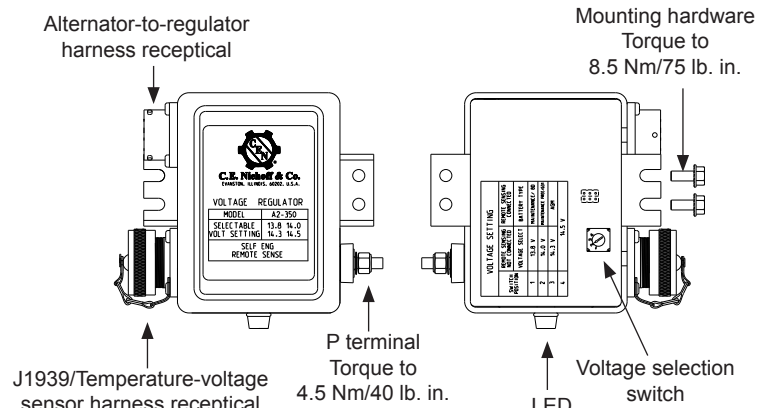


Figure 3: A2-350 Regulator