



The A9-4081 Metri-Pack adapter harness allows alternators with a flat Metri-Pack regulator harness using an A2-128 regulator to be retrofitted with a A2-350 smart regulator.

Follow these instructions to properly install an A9-4081 Metri-Pack adapter harness:

1. Remove A2-128 regulator.

- a. Disconnect alternator-to-regulator regulator harness connector from regulator.
- b. Remove mounting screws on regulator and 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 the A2-350 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. Connect A9-4081 Metri-Pack Harness Adapter.

- c. Plug 5-pin connector on A9-4081 adapter harness into 5-pin receptical on A2-350 regulator.
- a. Connect A9-4081 adapter harness to Metri-Pack connector on alternator-to-regulator harness.
- b. If installing a J1939/temperature-voltage sense harness, plug it into 10-pin receptical on A2-350 regulator. Follow separate installation instructions for installing J1939/temperature-voltage sense harness on vehicle. Harness supplied separately.

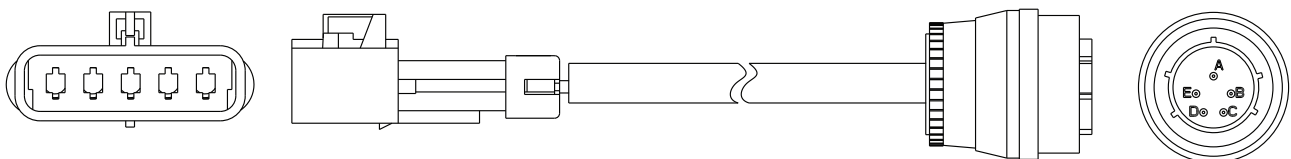
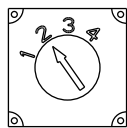


Figure 1: A9-4081 Metri-Pack Adapter Harness



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: A2-350 Voltage Switch Settings

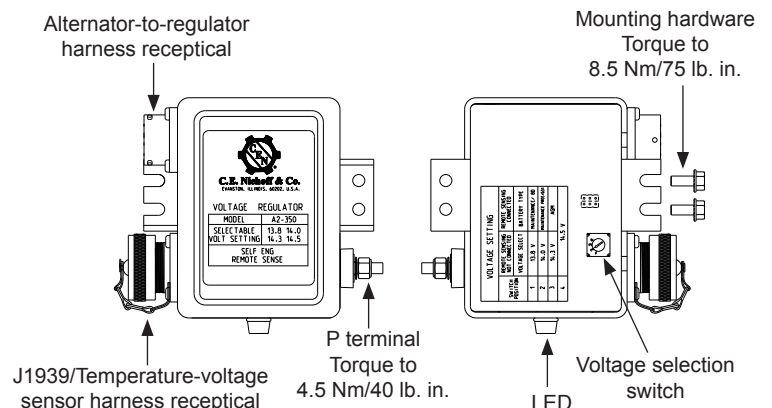


Figure 3: A2-350 Regulator