



**This regulator harness includes a heavy-duty field coil connector assembly with wire pigtails and heat shrink wire splices. Follow the instructions below to install regulator harness.**

1. Remove control unit top cover and side cover plates to gain access to control unit.
2. If existing shell side field coil connector is smaller than harness side field coil connector, replace shell side connector as follows:
  - a. Remove old regulator harness from control unit. Identify wire connections to ensure proper installation of new harness.
  - b. Install new harness and connect wiring as identified in step a.
  - d. Label and cut wires from shell side of existing connector. Strip 1/4 inch of insulation off each wire. See Figure 1.
  - e. Follow wire locations identified in step d and insert each stripped wire end into splice and crimp. See Figure 2.
  - f. Using a heat gun, heat shrink both splices. See Figure 2.
3. Mate shell side of connector to harness side of connector. See Figure 3.
4. Place connector and wires into control unit. If control unit has a mounting clip, slide connector onto the clip. If a mounting clip is not used, use cable ties and support wiring as necessary. See Figure 4.
5. Reinstall control unit top cover and side cover plate. Torque hardware to 2.3 Nm/20 lb in.

Existing Shell Side Connector (male)

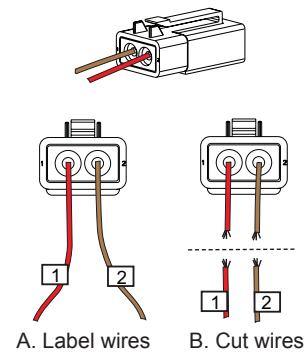


Figure 1: Cut Field Coil Wires from Existing Connector

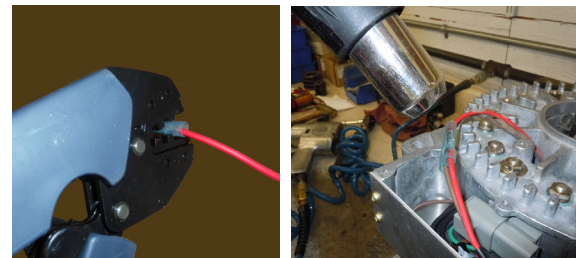


Figure 2: Crimp Splices and Seal with Heat Gun

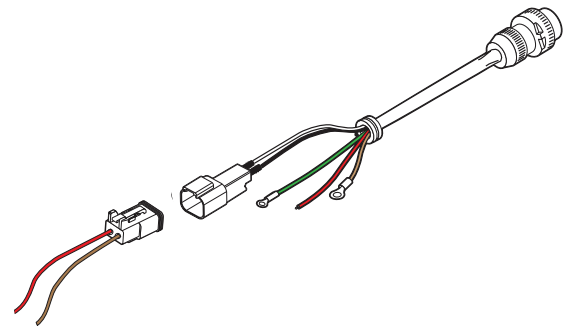


Figure 3: Mate Male and Female Sides of Connector

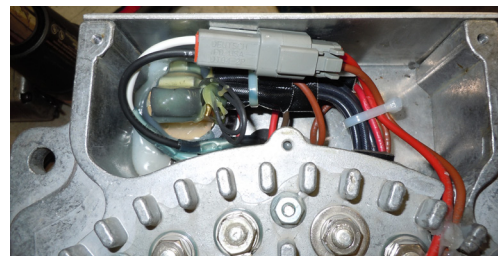


Figure 4: Secure Assembled Connector Inside of Control Unit