



**CAUTION**

This symbol used in these instructions indicates presence of hazard(s) that will or can cause minor personal injury or property damage if ignored.

**NOTICE**

This symbol used in these instructions indicates special instructions on installation, operation, or maintenance that are important, but not related to personal injury hazards.

**This kit contains a heavy duty connector assembly. The connector assembly it replaces may be smaller in size. Be sure to replace both sides of connector if this is the case.**

1. Identify and label pin #1 and pin #2 locations on all field coil leads from **existing** male and female connectors. See Figure 1 for pin #1 and pin #2 locations on existing male and female connectors.

**NOTICE**

When replacing connector in C706 alternator housing, field coil leads can be labeled and matched by wire colors instead of numbers.

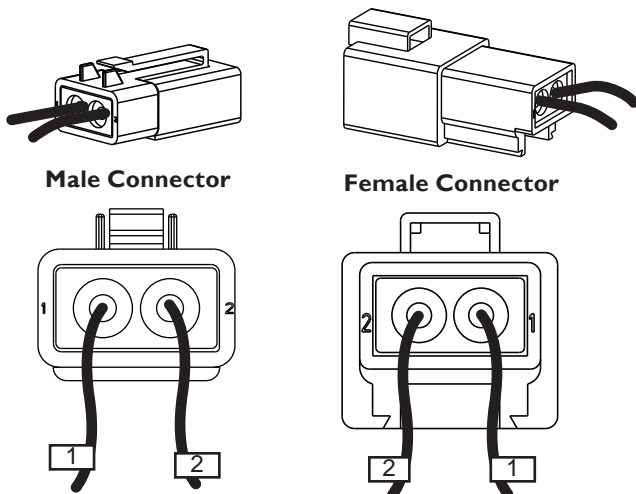


Figure 1 — Marking Field Coil Leads

2. Cut the newly labeled field coil leads at both connectors. Strip 1/4 inch of insulation from labeled ends to make the new connections. See Figure 2.

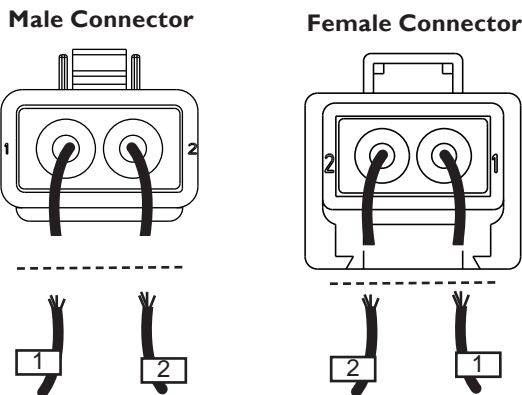


Figure 2 — Clipping Off Old Connector

3. Connect existing field coil leads to new field coil connector assembly (Figure 3) using splices by matching pin numbers on male and female connectors.

**NOTICE**

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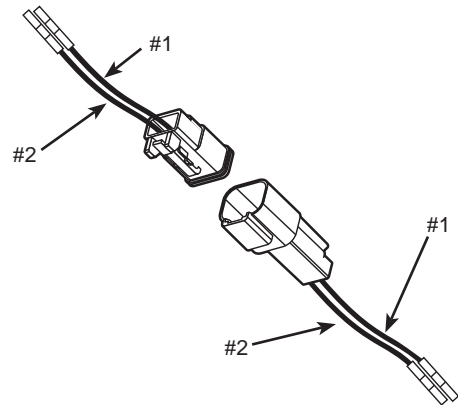


Figure 3 — A9-098 Field Coil Connector Assembly

4. Crimp them securely (Figure 4) and use heat gun to seal the four splices.
5. Make sure male connector is securely connected to the female connector inside the control unit. See Figure 4.



Figure 4 — Splicing to Field Coil Wires

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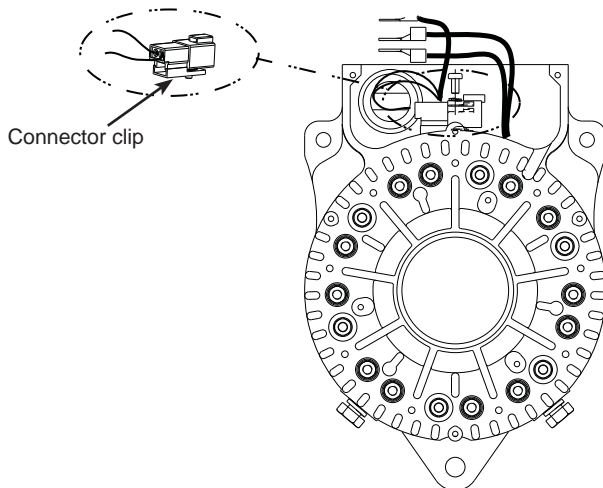
- Secure the completed connector assembly to the housing using tie wraps.

**CAUTION**

The kit contains a replacement connector clip to be used on C706 alternators only. IF the C706 housing has a clip holding the gray connector to the housing, and IF it needs to be replaced for any reason, see Figure 6. Torque screw to 3.4 Nm/45 lb. in.

If the C706 housing does not have the clip installed, DO NOT attempt to install the new clip. DO NOT drill any hole in the C706 housing. Instead, securely affix tie wraps to help protect the connector assembly from vibration.

- Clean off any old sealant covering the field coil leads and recoat with Dow Corning® SE 9186L RTV coating or equivalent on the leads and on the splices to hold them to the housing.



**Figure 6 — New Style A5-546 Housing (C706 only)**

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

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