

2022 CHEVROLET CORVETTE SERVICE MANUAL

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1. **Power and Signal Distribution**

2. **Wire and Connector Repair**

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Mini 50 Series Connectors

Special Tools

- EL-38125-58

For equivalent regional tools, refer to Special Tools.

Connector Removal Procedure

1. Click here for full size
2. To un-mate the connectors, push connector together to unload the release latch. Then press the latch down with your thumb.
3. Click here for full size
4. While continuing to hold the release latch gently pull the connector away from the mating component.

Terminal Removal Procedure

1. Click here for full size
2. Note:

The wire tie MUST be cut above wire dress tab to prevent damage to wires.

3. Open the TPA by using a small screwdriver to pry open the latch features on both sides of the connector.
4. Click here for full size
5. Once each latch is released the TPA will fully open.
6. Click here for full size
7. Use removal tool EL-38125-58 to gently pry up on the terminal locking finger.
8. Once the locking finger is fully released, gently pull on the wire to remove the terminal from the housing.

Terminal Installation Procedure

1. The terminal needs to be oriented correctly to the connector. The locking feature on the terminal must be lined up so that the locking finger on the connector can hold it in place.
2. Insert the terminal all the way until an audible click is heard or felt.
3. Gently pull on the wire to verify it is fully seated and locked in place,
4. Note:

If the TPA does not close with ease, verify all terminals are correctly seated. Using excessive force will damage the terminal and connector.

5. Push the TPA down until it snaps into place and verify both latches have latched.