

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Power and Signal Distribution**

2. **Wire and Connector Repair**

3. **Repair Instructions**

- 4.

1.2 MCON, 2.8 MCP Series Connectors (Male)

Special Tools

- J-38125-12A
- J-38125-36
- J-38125-215A

For equivalent regional tools, refer to Special Tools.

Connector Removal Procedure

1. Click here for full size
2. Click here for full size
3. If equipped with a connector boot, press the release (1), rotate the boot away from the connector housing (2), lift and move boot and bracket away from the mating surface (3).
4. Click here for full size
5. Using a small flat bladed screwdriver unlock (1) and remove cam lever from locked position (2).
6. Click here for full size
7. Rotate the cam lever to the fully released position.
8. Click here for full size
9. Click here for full size
10. gently pull the connector away from the mating component until it is fully released.

Terminal Removal Procedure

1.2 Terminals

1. Click here for full size
2. Insert the J-38125-12A tool (1) behind the TPA (2) and gently pry away from the connector housing to release the TPA (3).
3. Click here for full size
4. Insert the J-38125-215A terminal release tool straight into the channel of the connector cavity (1) until the terminal is released, then gently pull on the wire to remove the terminal (2) from the connector housing.

2.8 Terminals

1. Click here for full size
2. Insert the J-38125-12A tool (1) behind the TPA (2) and gently pry away from the connector housing to release the TPA (3).
3. Click here for full size
4. Insert the J-38125-26 terminal release tool straight into the channel of the connector cavity (1) until the terminal is released, then gently pull on the wire to remove the terminal (2) from the connector housing.

Terminal Installation Procedure

1.2 Terminal

1. [Click here for full size](#)
2. Verify the TPA is in the released position as shown above.
3. [Click here for full size](#)
4. Properly align the terminal to the connector housing.
5. [Click here for full size](#)
6. Once terminal is properly aligned, insert terminal straight into the cavity. A click will be heard or felt when the terminal is fully seated, and the locks are engaged. Gently pull on wire to verify it is fully seated.
7. [Click here for full size](#)
8. Note:

If the TPA does not move easily verify all terminals are fully seated into the connector housing to prevent damage to the terminals and TPA.

9. Using the J-38125-12A tool push the TPA until it is in the locked position.
10. [Click here for full size](#)
11. Insert or reposition the mylar plate into the connector housing over the terminals.
12. [Click here for full size](#)
13. Note:

Failure to properly position the mylar in place can result in bent terminals when seating the mating connector.

14. The mylar needs to be positioned so 1.5 mm (.06 in) of the male terminal is exposed as shown above.

2.8 Terminal

1. [Click here for full size](#)
2. Verify the TPA is in the released position as shown above.
3. [Click here for full size](#)
4. Properly align the terminal to the connector housing.
5. [Click here for full size](#)
6. Once terminal is properly aligned, insert terminal straight into the cavity. A click will be heard or felt when the terminal is fully seated, and the locks are engaged. Gently pull on wire to verify it is fully seated.
7. [Click here for full size](#)
8. Note:

If the TPA does not move easily verify all terminals are fully seated into the connector housing to prevent damage to the terminals and TPA.

9. Using the J-38125-12A tool push the TPA until it is in the locked position.
10. [Click here for full size](#)
11. Insert or reposition the mylar plate into the connector housing over the terminals.
12. [Click here for full size](#)
13. Note:

Failure to properly position the mylar in place can result in bent terminals when seating the mating connector.

14. The mylar needs to be positioned so 1.5 mm (.06 in) of the male terminal is exposed as shown above.