

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Power and Signal Distribution**

2. **Wire and Connector Repair**

3. **Repair Instructions**

- 4.

1.5, 2.8, 4.8 MCP Series, Sealed Connectors

Special Tools

- EL-38125-560-A
- J-38125-211
- J-38125-36

For equivalent regional tools, refer to Special Tools.

Connector Removal Procedure

1. Click here for full size
2. Note:

When properly disengaging the connector it will lift away from the mating component.

3. Insert a small screwdriver under locking lever (1). Rotate the cam lever all the way forward (2) to fully release it.
4. Click here for full size
5. Gently pull the connector off the component.

Terminal Removal Procedure

1. Click here for full size
2. Note:

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

3. Remove the wire cover by carefully cutting the wire tie with side cutters.
4. Click here for full size
5. Move the cam lever to the middle position.
6. Click here for full size
7. Unlock the back side of the wire cover. Using a small screwdriver, carefully pry the sides of the cover out (1) and upward (2) to move it past the cover locks.
8. Click here for full size
9. Lift the cover and pull it away from the locking lever to remove it completely.
10. Click here for full size
11. Once the cover is removed, push the TPA to the released position by inserting the terminal removal tool J-38125-211 into the slot on the connector.
12. Click here for full size
13. Verify TPA (1) is in correct positions using these call outs in the picture above.

1.5Terminals

Click here for full size

Locate the terminal removal access holes at the front of the connector. Insert removal tool EL-38125-560-A straight into the access holes to

deflect the terminal locking tabs. With the terminal unseated, gently pull on the wire to remove it from the connector.

2.8 Terminals

[Click here for full size](#)

Locate the terminal removal access holes at the front of the connector. Insert removal tool J-38125-36 straight into the access holes to deflect the terminal locking tabs. With the terminal unseated, gently pull on the wire to remove it from the connector.

4.8 Terminals

[Click here for full size](#)

Locate the terminal removal access holes at the front of the connector. Insert removal tool J-38125-36 straight into the access holes to deflect the terminal locking tabs. With the terminal unseated, gently pull on the wire to remove it from the connector.

Terminal Installation Procedure

1.5 Terminal

[Click here for full size](#)

2.8 Terminal

[Click here for full size](#)

4.8 Terminal

[Click here for full size](#)

1. Use the figures above to verify the correct position of the terminals, respective to their cavities.
2. Once properly positioned Insert each terminal straight into the cavity until it is fully seated, an audible click should be heard or felt when both locking tangs are fully locked into place. Gently pull on the wire to ensure it is fully seated.
3. [Click here for full size](#)
4. Push the TPA into its locked position by inserting a suitable tool into the slot on the side of the connector
5.
 - [Click here for full size](#)
 - (1) TPA Lock (Lever is on the opposite side)
 - (2) The Slots are released by the final-positioned TPA Lock
 - (3) Lever
6. Verify TPA is in the locked position using the points on the front of the connector
7. [Click here for full size](#)
8. Install the wire cover by positioning and latching it to the front of the connector (1),
9. [Click here for full size](#)
10. Lock the other side of the cover by rotating it on the latched point until the four locking arms are correctly closed (1).
11. Position the wires under the cover as shown above and secure them to the wire cover using a plastic wire tie.