

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Power and Signal Distribution**

2. **Wire and Connector Repair**

3. **Repair Instructions**

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1.2 MCON-CB, 2.8 MCP Series, Sealed Connectors

Special Tools

- J-38125-214
- J-38125-557

For equivalent regional tools, refer to Special Tools.

Connector Removal Procedure

1. Click here for full size
2. Slide the CPA away from the cap assembly until it stops. The CPA is now in the released position.
3. Click here for full size
4. Press the latch (1) until the lever is released. Rotate the mating lever (2) away from the cap assembly until it stops. The mating lever is now in the open position.
5. Pull the connector assembly straight away from the mating component. There will be a slight resistance as the mating latches are released.

Terminal Removal Procedure

1. Click here for full size
2. Using the tip of the screwdriver (1) insert the tool into the release tab (2), lift the latch of the wire cover (3). Raise the cover (4) and rotate the wire cover (5) to remove it from the connector housing.
3. Click here for full size
4. Open the TPA by inserting a small screwdriver (1) into the bottom of the cutout of the terminal block (2). Gently pry the outside of the TPA away from the connector housing (3).

1.2 Terminals

Click here for full size

Insert tip of removal tool J-38125-214 (1) into the opening above the circuit cavity (2) to deflect the terminal lock. Once the locking tab has been deflected, gently pull of the wire to remove it from the connector housing.

2.8 Terminals

Click here for full size

Insert the tip of removal tool J-38125-557 (1) into the openings above and below (2) the circuit cavity to deflect the terminal locking tab. Once the locking lance has been deflected, gently pull of the wire to remove it from the connector housing.

Terminal Installation Procedure

1.2 Terminal

Click here for full size

2.8 Terminal

Click here for full size

1. Use the figure above to properly align the terminal to the connector housing.

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. After all terminals have been inserted, use a small screwdriver (1) to push the TPA to the fully closed position (2).
5. [Click here for full size](#)
6. Bundle the wires (1) and bend them in a shape that will fit into the wire exit of the wire cover, align the locking tabs (2) of the wire cover with the windows of the connector housing and place the wire cover onto the connector housing, rotate the wire cover, while maintaining pressure on the locking tabs, until the wire cover locks into place.
7. Using tape or wire ties, attach the wire bundle to the wire cover.

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