

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Power and Signal Distribution**

2. **Wire and Connector Repair**

3. **Repair Instructions**

- 4.

1.2 OCS, 2.8, 4.8 CTS Series, Sealed Connectors (Female)

Special Tools

- J-38125-215A
- J-38125-556
- J-38125-557

For equivalent regional tools, refer to Special Tools.

Connector Removal Procedure

1. Click here for full size
2. Slide the CPA to the released position
3. Click here for full size
4. Push locking tab down (1). Rotate the cam lever (2) to the released position by rotating it until a click is heard or felt.
5. Click here for full size
6. Once the cam lever is fully released gently pull the connector assembly away from the component to remove it.

Terminal Removal Procedure

1.2 Terminals

1. Remove any tape or wire ties from the wire cover.
2. Click here for full size
3. Remove the wire cover by inserting a small screwdriver into the slot at the front of the connector and push the lock in while pulling up on the cover.
4. Click here for full size
5. Slide the cover in an upward motion to fully remove it from the connector.
6. Click here for full size
7. Insert a small screwdriver into the slot at the front of the connector and push on the TPA until a click is heard or felt to move it to the released position.
8. Click here for full size
9. Insert the terminal removal tool J-38125-215A straight into the terminal cavity to deflect the terminal locking arm. With the locking arm deflected, gently pull on the wire to remove it from the connector.

2.8 Terminals

1. Remove any tape or wire ties from the wire cover.
2. Click here for full size
3. Remove the wire cover by inserting a small screwdriver into the slot at the front of the connector and push the lock in while pulling up on the cover.

4. [Click here for full size](#)
5. Slide the cover in an upward motion to fully remove it from the connector.
6. [Click here for full size](#)
7. Insert a small screwdriver into the slot at the front of the connector and push on the TPA until a click is heard or felt to move it to the released position.
8. [Click here for full size](#)
9. Insert the terminal removal tool J-38125-557 straight into the terminal cavity to deflect terminal locking arms. With the locking arms deflected, gently pull on the wire to remove it from the connector.

4.8 Terminals

1. Remove any tape or wire ties from the wire cover.
2. [Click here for full size](#)
3. Remove the wire cover by inserting a small screwdriver into the slot at the front of the connector and push the lock in while pulling up on the cover.
4. [Click here for full size](#)
5. Slide the cover in an upward motion to fully remove it from the connector.
6. [Click here for full size](#)
7. Insert a small screwdriver into the slot at the front of the connector and push on the TPA until a click is heard or felt to move it to the released position.
8. [Click here for full size](#)
9. Insert the terminal removal tool J-38125-556 straight into the terminal cavity to deflect terminal locking arms. With the locking arms deflected, gently pull on the wire to remove it from the connector.

Terminal Installation Procedure

1. The assembly procedure for the 1.2, 2.8, and 4.8mm terminals are the same.
2.
 - [Click here for full size](#)
 - 1.2 Terminals
 - [Click here for full size](#)
 - 2.8 Terminals
 - [Click here for full size](#)
 - 4.8 Terminals
3. Align the terminal to the connector properly using the figures above,
4. [Click here for full size](#)
5. 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.
6. [Click here for full size](#)
7. Insert a small screwdriver into the slot on the other side of the connector to lock the TPA.
8. [Click here for full size](#)
9. Install wire cover by inserting the backside of the cover into the appropriate holes on the connector. Verify all wires are hidden under cover.
10. [Click here for full size](#)
11. Push down on front side of cover until it locks into place.

11. Push down on front side of cover until it locks into place.

12. Use electrical tape or a plastic wire tie to secure wires to the wire cover (replace it with what was removed in prior steps).

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