

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Power and Signal Distribution**

2. **Wire and Connector Repair**

3. **Repair Instructions**

- 4.

Tyco/AMP Connectors (43-Way)

Special Tools

- *EL-38125-550*™,™ Terminal Release Tool Kit
- *EL-38125-580*™,™ Terminal Release Tool Kit
- *J-38125-12A*™,™ Terminal Release Tool
- *J-38125-13A*™,™ Terminal Release Tool

For equivalent regional tools, refer to Special Tools.

Terminal Removal Procedure

Follow the steps below in order to remove terminals from the connector.

1. Locate the lever lock on the wire dress cover. Slide the lever lock away from the connector body.
2. Disconnect the connector from the component.
3. Locate the dress cover locking tabs on the dress cover of the connector. Using a small flat-bladed tool release all of the locking tabs.
4. Once the locks are unlocked, lift the dress cover off.

5.
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6. Note:

Always use care when removing a terminal position assurance (TPA) in order to avoid damaging it.

7. Release the TPA by inserting a small flat-bladed tool into the blue locking tabs on both ends of the connector. Gently slide the TPA up to the released position on both ends.

8.
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9. For the larger terminals insert the *J-38125-13A*™,™ tool to release the terminals by inserting the tool into the terminal release cavity. For the smaller terminals insert the *J-38125-12A*™,™ tool to release the terminals by inserting the tool into the terminal release cavity.

10.
Click here for full size

11. View of the release tool being used for the larger terminals.

12.
Click here for full size

13. View of the release tool being used for the larger terminals.

14.
Click here for full size

15. View of the release tool being used for the smaller terminals.

16. While holding the removal tool in place, gently pull the wire out of the back of the connector. Always remember never use force when pulling a terminal out of a connector.

17. Repair the terminal by following the Repairing Connector Terminals procedure.
18. Insert the repaired terminal back into the cavity. Repeat the diagnostic procedure to verify the repair and reconnect the connector bodies.

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