

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Power and Signal Distribution**

2. **Wire and Connector Repair**

3. **Repair Instructions**

- 4.

Delphi Connectors (12-Way)

Special Tools

- *EL-38125-550* 1/4" Terminal Release Tool Kit
- *EL-38125-580* 3/8" Terminal Release Tool Kit
- *J-38125-12A* 1/4" 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.
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2. Locate the lever lock on the wire dress cover. Remove the connector position assurance (CPA) and slide the lever lock away from the connector body.
3. Disconnect the connector from the component.
4.
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5. Locate the dress cover locking tabs on the dress cover of the connector. Using a small flat-blade tool release all of the locking tabs.
6.
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7. Release the lower wire dress cover locking tab.
8.
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9. Release the upper wire dress cover locking tab.
10. Once the locks are unlocked, lift the dress cover off.
11.
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12. Note:

Always use care when removing a terminal position assurance (TPA) in order to avoid damaging it.
13. Remove the TPA by inserting a small flat-blade tool into the locking tabs on both sides of the TPA . Gently pry the TPA out of the connector.
14.
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15. Remove the nose piece by inserting a small flat-blade tool into the locking tabs on both sides of the nose piece. Gently pry the nose piece out of the connector.
16.
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17. Insert the J-38125-12A tool to release the terminals by inserting the tool into the terminal release cavity.

17. After the correct terminal is located, release the terminal by inserting the tool into the terminal release cavity.

18.
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19. 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.
20. Repair the terminal by following the Repairing Connector Terminals procedure.
21. 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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