

2022 CHEVROLET CORVETTE SERVICE MANUAL

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1. **Power and Signal Distribution**

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AFL/EPC Connectors

Special Tools

- *EL-38125-550*™,™ Terminal Release Tool Kit
- *EL-38125-580*™,™ Terminal Release Tool Kit
- *J-38125-12A*™,™ Terminal Release Tool
- *J-38125-216*™,™ 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.
Click here for full size
2. For connectors with a bolt in the dress cover, turn the bolt counterclockwise to remove the connector from the component.
3.
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4. Locate the connector position assurance (CPA) on the top of the wire dress cover. Slide the CPA forward.
5.
Click here for full size
6. Slide the lever lock forward while pressing down on the lever lock release tab.
7.
Click here for full size
8. View showing depressing of the lever lock release tab.
9.
Click here for full size
10. View of connector in released position.
11. Disconnect the connector from the component.
12. Locate the dress cover locking tabs at the corners of the dress cover. Use a small flat-blade tool to release the locking tabs and remove the dress cover.
13.
Click here for full size
14. Release the rear lower half of the wiredress cover.
15.
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16. Release the tabs that are holding the wiredress cover to the connector body.
17. Remove the nose piece by inserting a small flat-blade tool into the slots on both ends of the connector body. Gently pry the nose piece out

of the connector. J-38125-216 can also be used to remove the nose piece.

18.
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19. Use the J-38125-12A tool to release the terminals by lifting the terminal retaining tabs on the inside of the connector.
20.
Click here for full size
21. 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.
22. Repair the terminal by following the Repairing Connector Terminals procedure.
23. 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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