

## WARNING!

If any part of this installation seems beyond your level of installation experience, please seek the help of a certified professional.

## PART NUMBERS COVERED IN INSTALLATION:

2019+ Corvette Steering Wheel Installation	
CV950-23	Carbon Fiber Steering Wheel
CV950-24	Alcantara Steering Wheel
CV950-25	Carbon Fiber Heated Steering Wheel
CV950-26	Alcantara Heated Steering Wheel

## ITEMS INCLUDED:

- 1 Steering Wheel Core

## TOOLS NEEDED:

- Small Flat Headed Screwdriver
- 3/8" Ratchet
- 10mm Socket
- T10, T20, T50 Torx Bits
- Plastic Pry Tool
- Blue Loctite® or Similar Thread Locker
- Wire Tie Clippers

## BEFORE INSTALLING

Park the vehicle with the wheels in the straight forward position and the steering wheel in the 12 o'clock position.

**Disconnect the negative terminal on the battery and wait 20 minutes prior to working on vehicle to prevent any safety concerns regarding the airbag during the installation process.**



### REMOVING THE OEM STEERING WHEEL

1. Using a plastic pry tool, pull off small side panels on both sides of the steering column (**Figure 1**) to reveal 10mm bolts (x1 per side). Remove these bolts to release the airbag module from the steering wheel core. Pull the airbag module free from the core.
2. Undo the (x2) yellow connectors on the upper airbag module and a red one on the lower portion (**Figure 2**). For the upper connectors to be released, the orange tabs need to be pulled away from the back of the module.

Using a plastic pry tool or flat headed screwdriver may help to perform this step. For the lower red connector, pull up on the lip to release the connector, fully freeing the module from the steering wheel core. Set the airbag module aside for future installation.

3. Release the rectangular yellow connector at the top of the steering wheel core going into the clockspring/steering column (**Figure 3**). Pull out the red safety tab towards you, followed by pushing upwards on the yellow tab beneath it to free the connector. A screwdriver may need to be used to assist in releasing the connector.
4. Unfasten the T50 Torx head large bolt in the center of the steering wheel core (**Figure 4**).

Prior to actually removing the steering wheel, reinsert the T50 Torx head bolt several turns to prevent the wheel from being damaged upon removal. Firmly pull the steering wheel core away from the steering column, freeing it from the column assembly. Then, remove the T50 Torx head bolt to complete this step.

### DISASSEMBLING THE OEM STEERING WHEEL

**NOTE:** It's highly suggested to lay down a towel or soft surface to perform disassembly/reassembly on as to not scratch or mar existing steering wheel hardware and core.

5. Remove the (x2) T10 Torx head upper screws from the top of the steering wheel core (**Figure 5**). Note the location/size of these screws, as not all fasteners within the wheel are the same. Put the small plastic piece that these screws held down aside for future use.

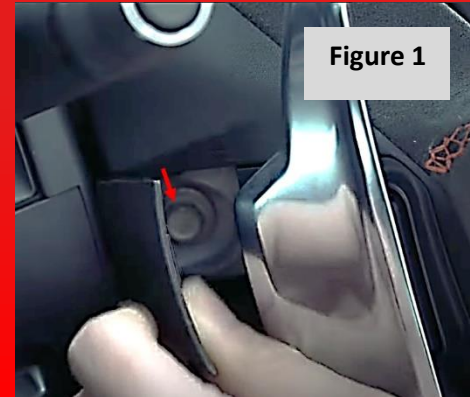


Figure 1

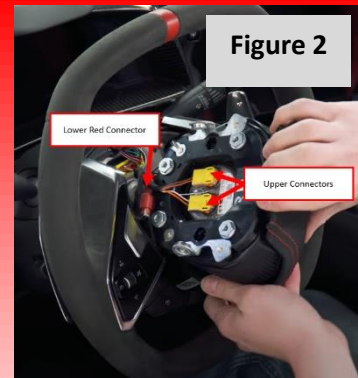


Figure 2

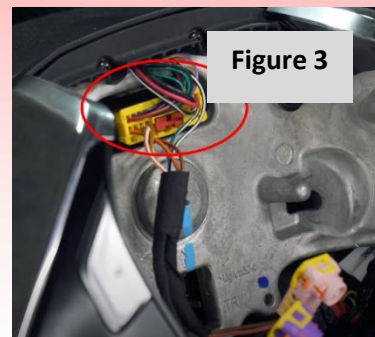


Figure 3

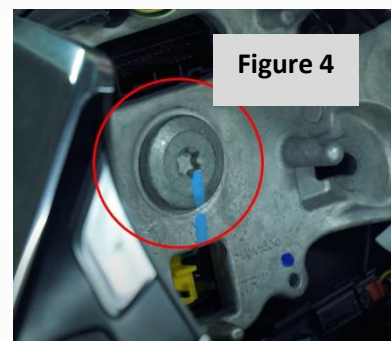


Figure 4

## Steering Wheel Installation Instructions

6. In the small square hole at the bottom of the center section of the wheel, remove (x1) T20 Torx head screw (**Figure 5**).

**NOTE:** A longer T20 key or extension may be needed to remove this fastener.

Flip the steering wheel on its backside to assist in retrieving the screw after freeing it from the core.

7. On the lower center section of the core, start freeing the lower right connector from the core (**Figure 6**). Pull the plastic tab away and pull the connector free.
8. Flip the steering wheel on its backside, remove the (x2) T20 Torx head screws on the right side of the core (facing down), that connect the right-side paddle to the core (**Figure 7**).

Now, before the paddle can be completely removed from the core, you'll need to access the front side of the paddle and release the gray locking tab (**Figure 8**). Pull upwards on the connector tab to finish removing this paddle. Repeat this process for the paddle on the left-hand side of the steering wheel. Set both paddles to the side for reinstallation.

**NOTE:** The connectors on the paddles are color coordinated, with the passenger's side (as installed in vehicle) connector being gray and the driver's side connector being black.

9. Remove the (x4) T20 Torx head screws on the back of the steering wheel core (**Figure 9**).

With these fasteners removed, using a walking motion, the lower backside of the steering wheel bezel can be pulled free to reveal (x2) connectors (x1 on each side) that need to be released as well (**Figure 10**). Free the safety tabs and push the connector tab inwards to release the connection.



Figure 5

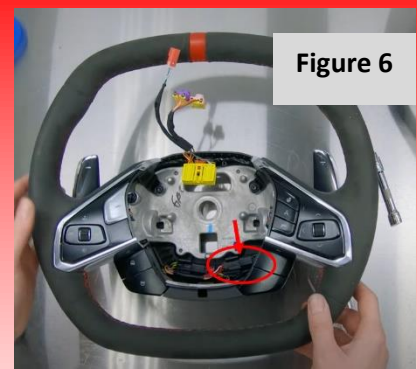


Figure 6

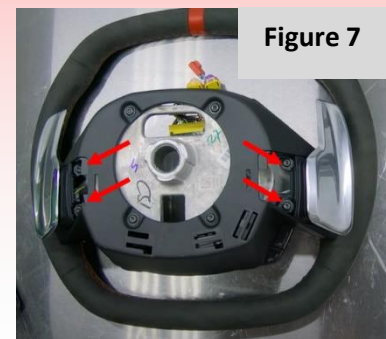


Figure 7



Figure 8

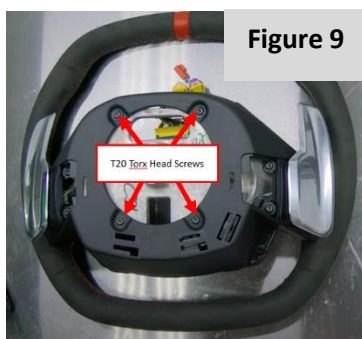


Figure 9

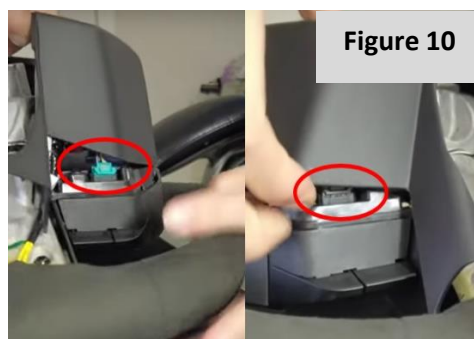


Figure 10

10. The rear bezel should be free from the core with the exception of several wiring connections holding it on. First, undo the heated wheel connection (**Figure 11**), pulling the red bale upwards and freeing the connector.

Using a pair of wire tie clippers, cut the tie strap holding the (x2) pigtails together. **Be careful as to not clip the actual wiring harness.**

11. Remove the (x4) T20 Torx head outer most screws (x2 per side) on the back of the center core of the steering wheel (**Figure 12**). Then, flip the steering wheel over and remove the (x2) T20 Torx head upper screws (**Figure 13**).

12. Now, carefully remove the front switch bank and rear bezel away from the steering wheel core.

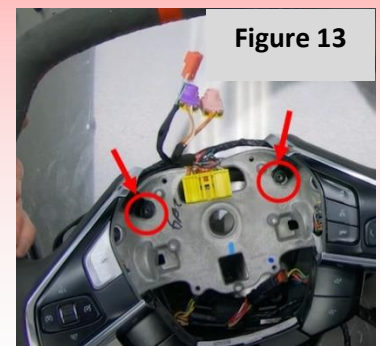
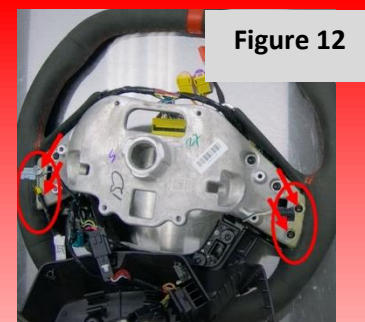
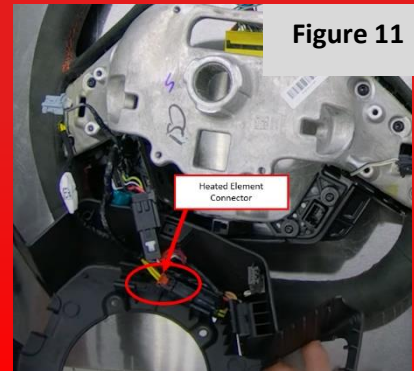
**NOTE:** *The front switch bank and rear bezel will still be connected to each other by several wiring connections. It is advised to not disconnect the two unless the reinstallation proves difficult.*

#### REASSEMBLING THE AFTERMARKET STEERING WHEEL

13. Take the aftermarket steering wheel core, and similar to how the switch bank and bezel were removed from the old core, wrap the bezel/switch bank around the new one (**Step 12**).

Fish the back bezel through the bottom opening and wrap onto the front like a clamshell. Pay attention to not pinch the harness and any connections when reseating the front switch bank onto the new core.

14. Reinstall the (x2) upper T20 Torx screws connecting the switch bank to the core (**Step 11**). Torque screws to 44in-lb (5Nm).
15. Flip the steering wheel onto its backside, and fold the rear bezel out of the way. Reinstall the (x4) outer T20 Torx screws (x2 per side) continuing to secure the switch bank to the steering wheel core (**Step 11**). Torque screws to 44in-lb (5Nm).
16. Attach the rear bezel onto the steering wheel core, loosely. Connect the (x2) lower connectors (x1 per side) from the bezel to the front switch bank (**Step 9, Figure 10**). The connectors should have an audible click when secured properly. Then, secure the safety tabs on both connectors.



## Steering Wheel Installation Instructions

17. Secure the rear bezel into its final position on the back of the steering wheel core, lining it up to match the switch bank, starting at the bottom and working your way towards the top (*Step 9*).
18. Secure the (x4) perimeter T20 Torx head screws on the center portion of the steering wheel core, locking the rear bezel into place to the core (*Step 9, Figure 9*). Torque screws to 44in-lb (5Nm).

Reinstall both paddles onto the steering wheel, securing connectors first (*Step 8, Figure 8*), then sliding the tab into the matching hole in the core. Lastly, secure the (x2) T20 Torx head screws per paddle (*Step 8, Figure 7*). Torque screws to 44in-lb (5Nm).

19. Flip steering wheel back over to face upwards. Reconnect heated steering wheel connector, if applicable (*Step 10, Figure 11*). Snap both connectors in the lower portion of the wheel back into place where they were removed upon disassembly (*Step 9, Figure 10*).
20. Using a long T20 Torx key or extension, secure the screw into the small square hole at the bottom of the switch bank (*Step 6, Figure 5*). Torque screws to 44in-lb (5Nm).  
  
Place plastic trim back in place on upper portion of the core. Secure with (x2) T10 Torx head screws (*Step 5, Figure 5*). Torque Screws to 33in-lb (3.7Nm). With this, the reassembly of the wheel is complete.

### INSTALLING THE AFTERMARKET STEERING WHEEL

21. Make sure the steering wheel is at the 12 o'clock position, with the center stripe facing upwards (if applicable). There is a flat keyway spot on the bottom of the splined hole portion of the core that matches the clock spring on the vehicle to make sure the wheel can only be installed one way. Slide the steering wheel onto the steering column.
22. Reinstall the large T50 Torx head bolt into the corresponding hole with a bit of Blue Loctite® or similar thread locker (*Step 4, Figure 4*). Torque to 33 Ft-lbs.
23. Plug in the large yellow rectangular connector from the steering wheel back into the clockspring, making sure to reinsert the red safety tab as well (*Step 3, Figure 3*).  
  
Take the airbag module and reinstall the remaining connectors. Plug in the lower red connector, and the each of the (x2) main connectors (*Step 2, Figure 2*). Note that these are color coded to prevent improper connections.
24. Slide the airbag module back into place on the steering wheel. Reinstall the (x2) 10mm screws (x1 per side) on both sides of the steering column. Replace the plastic covers (labeled for left- and right-hand side). Reconnect the battery and confirm function of the steering wheel, controls, & horn (*Step 1, Figure 1*).

**Technical Support**  
**Toll-Free Phone: 1-866-464-6553**  
**Phone: 1-270-781-9741**

**For online help, please refer to the Tech Service section of our website: [www.holley.com](http://www.holley.com)**

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