

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:

2016-2022 Camaro Steering Wheel Installation	
CA950-13	Carbon Fiber Steering Wheel
CA950-14	Alcantara Steering Wheel
CA950-15	Carbon Fiber Heated Steering Wheel
CA950-16	Alcantara Heated Steering Wheel

ITEMS INCLUDED:

- 1 Steering Wheel Core

TOOLS NEEDED:

- 4mm Allen Key, Small Bladed Screwdriver, or Small Pin Punch
- 3/8" Ratchet
- T50, T20, T9 Torx Bits
- Plastic Pry Tool
- Blue Loctite® or Similar Thread Locker
- Breaker Bar

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. Insert an Allen key or small flat screwdriver into the small hole on either side of the steering wheel referenced in **Figure 1**. Feel around with the tool until you find the spring clip shown in **Figure 2**. Press inward on the clip until the corresponding side of the airbag module is released. Repeat this process for the other side to fully release the module.
2. With the airbag module released, it should pull free of the steering wheel core just enough to give visibility of a small red connector on the upper left side of the steering wheel core (**Figure 3**). Release this connector to gain more slack to pull the module almost entirely out to gain access to the next connectors. The red connector will need to be released first, as this pigtail is fairly short.
3. Then, release the (x2) yellow connectors on the back of the airbag module (**Figure 3**). This can be done by using a small screwdriver or pick tool to pull up the orange safety tabs. Once they are released, the airbag module can be pulled free of the core and set aside for later reinstallation. The connectors are color coded, but knowing the orientation and position of clips will aid in reassembly.
4. Next, there is a smaller black connector pushed into a molded rubber detent on the lower right side of the core (**Figure 3**). Pull this free and disconnect it, followed by the larger rectangular black clip towards the upper edge of the steering wheel core (**Figure 4**).
5. Using a Torx T50 bit, remove the large center bolt in the steering wheel core holding the wheel to the steering column (**Figure 4**). If the steering wheel is turning while releasing the bolt, the steering wheel may need to be braced to aid in this process. This bolt will take considerable force to release.

Once released, pull the steering wheel free and feed the loose steering wheel wiring out of the wheel as well.

NOTE: The wheel is keyed to be installed/removed one way, but keeping the clockspring in the same orientation is pivotal. Putting a piece of tape to temporarily secure the clockspring is suggested.



Figure 1

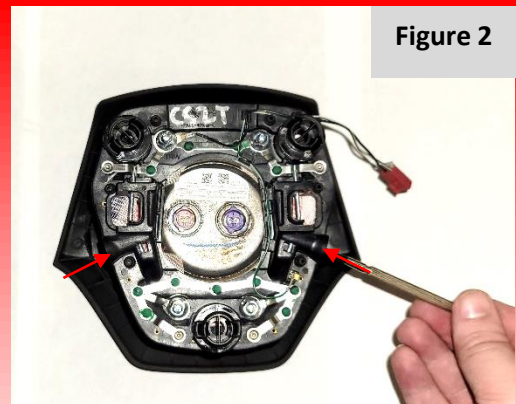


Figure 2

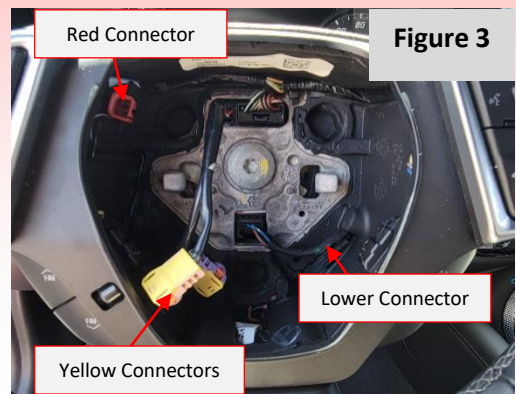


Figure 3

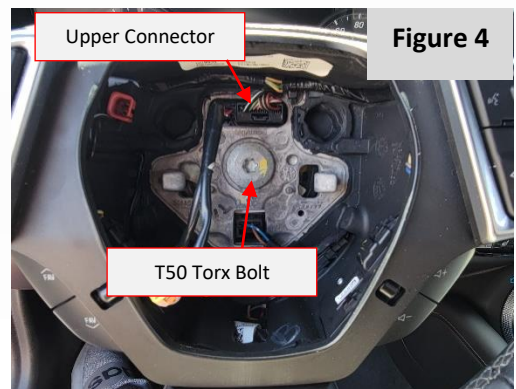
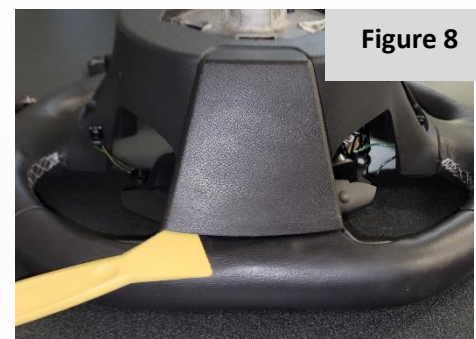
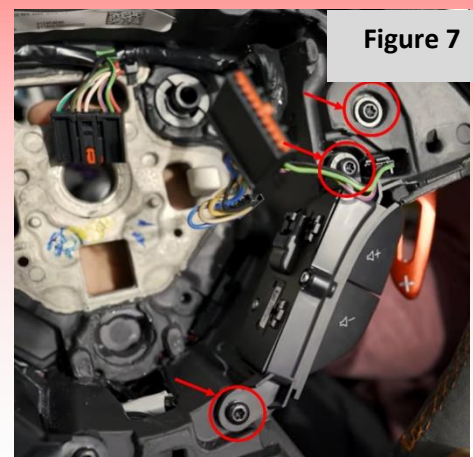
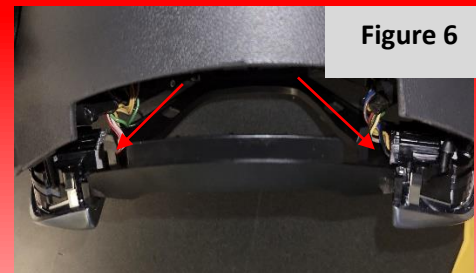


Figure 4

DISASSEMBLING THE OEM STEERING WHEEL

6. Set the steering wheel core face up on a soft or protected surface to prevent any damage to the OEM steering wheel core during disassembly. Using a plastic pry bar, lift the bottom of the steering wheel lower spoke cover free from its detents (**Figure 5**). Pull the cover free and set aside. You will not reuse this piece during reinstallation.
 7. Gripping the inner edge of the large inner bezel, release the front bezel that houses the upper steering wheel controls free from the steering wheel core (**Figure 5**). Then, release the connectors on both the left and right-hand side of the bezel to release the controls from the steering wheel core (**Figure 6**). The bezel can be pulled completely free of the core at this point.
 8. Use a T20 Torx bit to remove (x6) screws (x3 per side) to release the paddle shifters and lower multi-function controls from the steering wheel core (**Figure 7**). There will be connectors to be released for both sets of these controls. Set these to the side and note their orientation for reassembly.
 9. Flip the steering wheel core face down, and using a plastic pry bar, remove the lower back plastic cover (**Figure 8**). The connections in the back cover can remain attached, as it will be reinstalled directly into the new steering wheel core.
- NOTE:** This is also where the factory heated connection will be. If you are installing a heated wheel, this is where the connection will be made.
10. Feed the internal wiring harness through the newly accessible hole revealed by removing the back cover. Note that the harness is pressed into molded rubber detents in the core, but easily pulls free. Make note of how the harness lays within the core for future reassembly.



REASSEMBLING THE AFTERMARKET STEERING WHEEL

11. Set the aftermarket steering wheel core face up on a soft surface to protect from any scratching and marring that may occur during reassembly.

Feed the wiring harness back into place in the aftermarket steering wheel core as it was from the OEM core (**Figure 9**) also reseating the harness into the molded detents as it was in the OEM wheel. Reseat the lower back cover into the steering wheel core as done in *Step 9* and **Figure 8**.

12. Using a T20 Torx bit, reinstall the lower controls and the paddle shifters on both the left and right-hand sides of the aftermarket steering wheel core with (x3) screws per side as seen in *Step 8* and **Figure 7**. Torque screws to 8ft-lb (11Nm).
13. Take the bezel that houses the upper controls and flip it face down. To swap the controls to the new aftermarket bezel, use a Torx T9 bit to remove the (x4) screws on the left hand side cover (**Figure 10**). This cover must be removed as the connector socket for the upper controls retains the piece to the bezel.

Keeping light pressure on the control board beneath, pull the larger inner portion of the bezel upwards and away from the chrome trimmed controls. Be cautious, as the chrome tabs on the controls are fragile. Reinstall the back cover and secure the (x4) T9 Torx bit screws, torque to 2ft-lbs(2.8Nm).

14. Repeat this process on the other side and replace the controls on the aftermarket interior bezel. Reinstall the upper controls to the harness and clip the upper bezel back into the steering wheel core as seen in *Step 7* and **Figures 5/6**.

Make sure the bezel is pushed securely into the detents in the core for a tight fit with no excessive gaps from the bezel to the wheel.

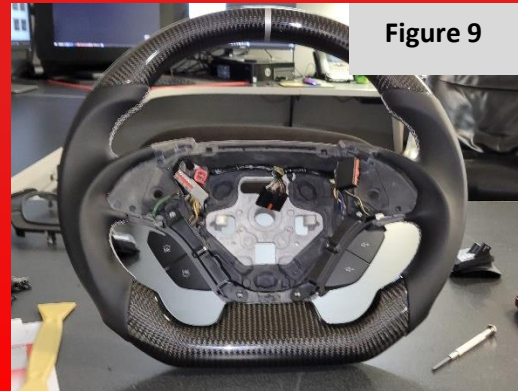


Figure 9

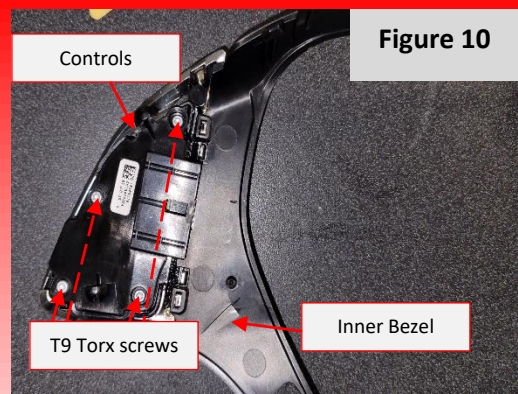


Figure 10

INSTALLING THE AFTERMARKET STEERING WHEEL

15. Prior to reinstallation, confirm the steering wheel and clock spring on the steering column are in the 12 o'clock position. Carefully feed the harness through the appropriate holes in the core as seen in *Step 5* and ***Figure 4***.
16. Reinstall the Torx T50 Bolt in the center of the steering wheel core (***Figure 4***). Torque down to 33lb-ft (45Nm). Blue Loctite® or similar thread locking compound is suggested when reinstalling this particular bolt.
17. Refer to *Step 4* and ***Figures 3/4*** and install the (x2) black connectors referenced on the upper and lower portion of the core.
18. Bring the airbag module near the steering wheel, now attached to the column, and reinstall the (x2) yellow connectors in their appropriate connections in *Step 3*, joining the steering wheel core to the airbag module. Then, connect the small red connector at the upper left-hand side of the core to the appropriate attachment point on the airbag module. (*Step 2* and ***Figure 3***). Note that it may be easier to pull the red connector in the core free and make the connection then reseal it into its molded detent.
19. Firmly press the airbag module back onto the steering wheel core. A click should be heard as the airbag module is seated. Reconnect the battery and test function of the steering wheel and associated buttons.

**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

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