

## 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:

2012-2020 Tesla Model S Steering Wheel Installation	
D920-0001	Carbon Fiber Steering Wheel
D920-0002	Alcantara Steering Wheel
D920-0003	Carbon Fiber Heated Steering Wheel
D920-0004	Alcantara Heated Steering Wheel

## ITEMS INCLUDED:

- 1 Steering Wheel Core

## TOOLS NEEDED:

- 1/2" or 3/8" Ratchet
- 10mm Hex Bit
- T27 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

**NOTE:** Prior to performing the installation, make sure the power within the vehicle is off.

To do this, in the infotainment screen, select “Safety & Security” and select “power off”. Activating the brake, opening/closing doors, or engaging the infotainment screen will turn the power back on. It is suggested to disconnect the main battery terminal under the rear seat.

1. Using a T27 Torx bit screwdriver remove the (x1) screw on each side of the backside of the steering wheel core (**Figure 1**).
2. With the screws removed, grab the upper lip of the upper bezel behind the silver trim and pull towards you to release the airbag module and front bezel (**Figure 2**). Note that the bezel and module have a wiring harness attached, so don't pull too far.
3. Remove the yellow electrical connector in the center of the steering wheel core by holding down on the top and bottom of the connector tabs and pulling it free (**Figure 3**). Repeat this for the Purple/Maroon connector to remove the airbag module from the steering wheel core completely.  
**NOTE:** For Heated steering wheel variants, there will be an additional black connector inside the bottom portion of the steering wheel core to remove (**Figure 4**).
4. Using a 10mm hex bit (and breaker bar if needed), remove the bolt holding the steering wheel on the steering column (**Figure 3**). A second set of hands may be needed to hold the steering wheel stationary while breaking the bolt free.
5. Confirm the steering wheel is clocked in a neutral 12 o'clock position with the front tires pointing forward. Pull the steering wheel towards you with a slight rocking motion to remove the wheel from the steering column.



Figure 1

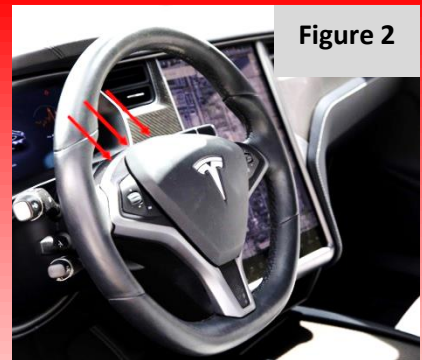


Figure 2

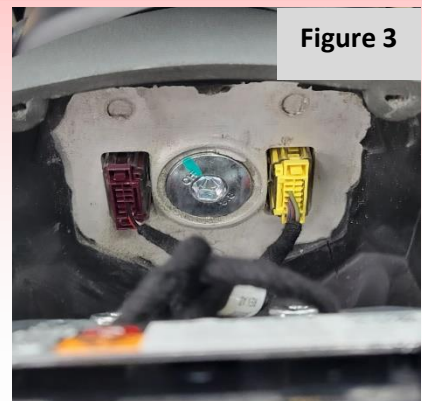


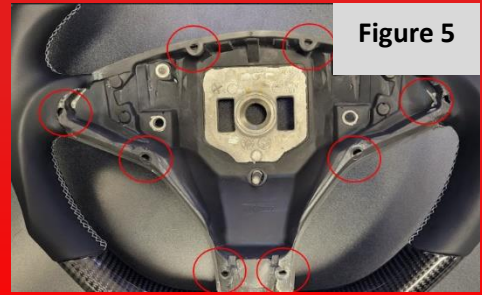
Figure 3



Figure 4

## INSTALLING THE AFTERMARKET STEERING WHEEL

1. Take the aftermarket steering wheel core and insert it onto the steering column, making sure it is inserted in the 12 o'clock position, with the tabs on the clock spring matching the cut outs for connectors on the center of the steering wheel core (*Step 5*).
2. Support the steering wheel and reinstall the 10mm hex bolt (*Step 4, Figure 3*) and torque to 63ft-lbs (85 Nm). It is suggested to secure this fastener with Blue Loctite® or a similar thread locking compound.
3. Take the airbag module/bezel unit and reinstall the maroon and yellow connectors to their respective connections, *and heated wheel connection if applicable (Step 3, Figure 3)*.
4. Line up the airbag/bezel module with the steering wheel core and press until you have a firm connection. There are locator pins and holes on both the core and the module to secure the pieces together (*Figure 5*). Afterwards, feel along the perimeter of the module and press the trim down making sure the module is secure all the way around.
5. Reinstall the (x1 per side) T27 Torx bit screws on the back side of the steering wheel core (*Step 1, Figure 1*) to finish the reassembly. Torque fasteners to 17 ft-lbs (23Nm).
6. Reconnect power. Test steering wheel buttons and horn function.



**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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