



CARBON FIBER STEERING WHEEL

(2018-2023 MUSTANG)

INSTALLATION INSTRUCTIONS

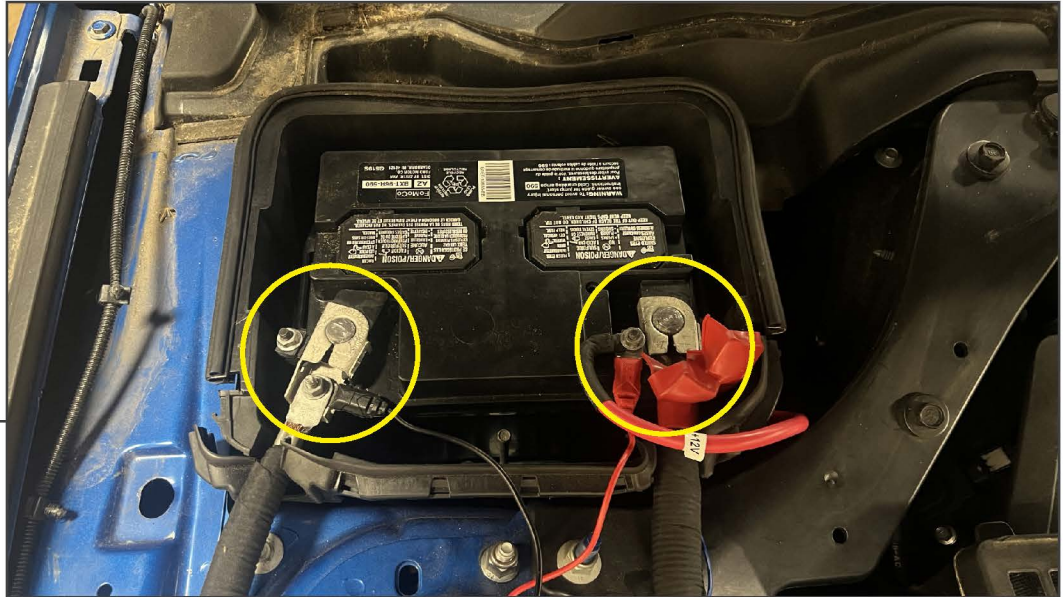
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(1) Steering Wheel

TOOLS REQUIRED

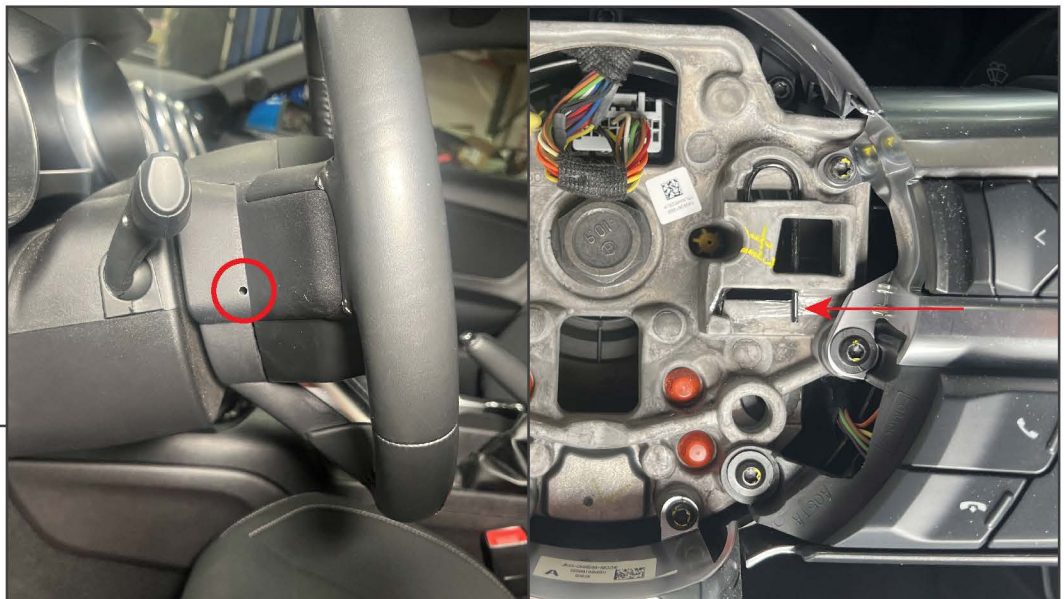
10mm Socket
15/16" Socket
T-20 Torx Socket
Ratchet
Torque Wrench
3mm Allen Key
Small Pry Tool
Masking Tape

SKU # 458640

STEP 1

Ensure the vehicle is parked with the front wheels facing straight ahead (steering wheel straight).

Open the vehicle hood. Loosen the battery cable terminals and disconnect the terminals from the vehicle battery. Allow the vehicle to sit for at least 10 minutes to ensure the system is discharged.

STEP 2

On each side of the steering wheel, locate the small hole in the steering wheel trim. Using a 3mm Allen key, fit the Allen key into the hole to press the air bag retaining spring inwards to disconnect the air bag from the steering wheel. With the spring depressed, gently pull the air bag away from the steering wheel. Only dislodge one side of the air bag at a time.

Note: It is best to aim the inserted end of the Allen key towards the front of the vehicle and upwards to best engage the spring. This can be difficult, take your time. See the reference photos above.

STEP 3



With the air bag removed from the steering wheel, unplug the upper-most connector by pressing the tab and pulling the connector away.

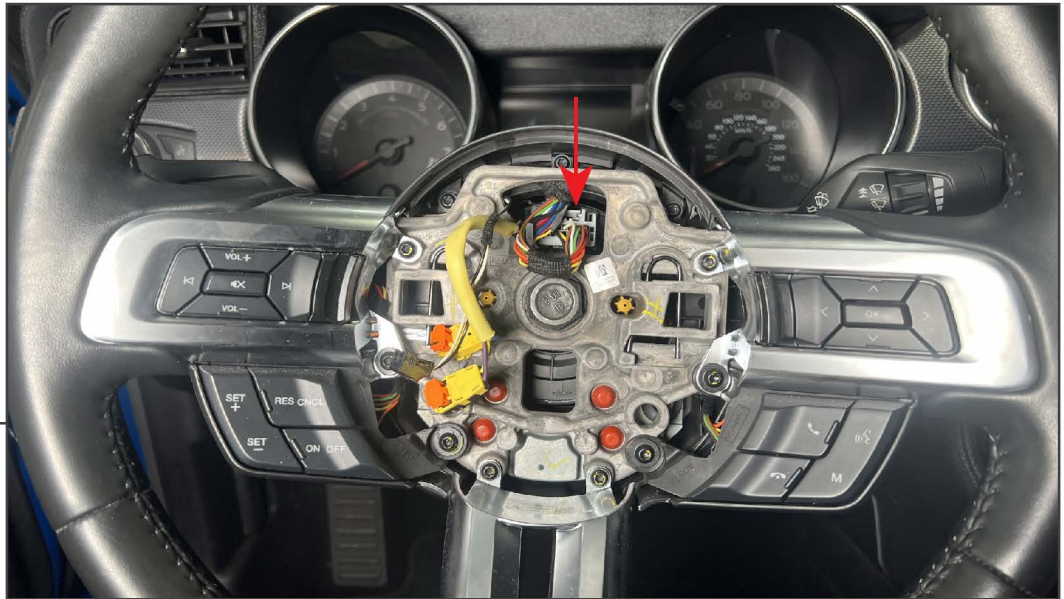
STEP 4



Using a small pry tool, lift the orange connector locks away, and then remove the two yellow connectors from the air bag.

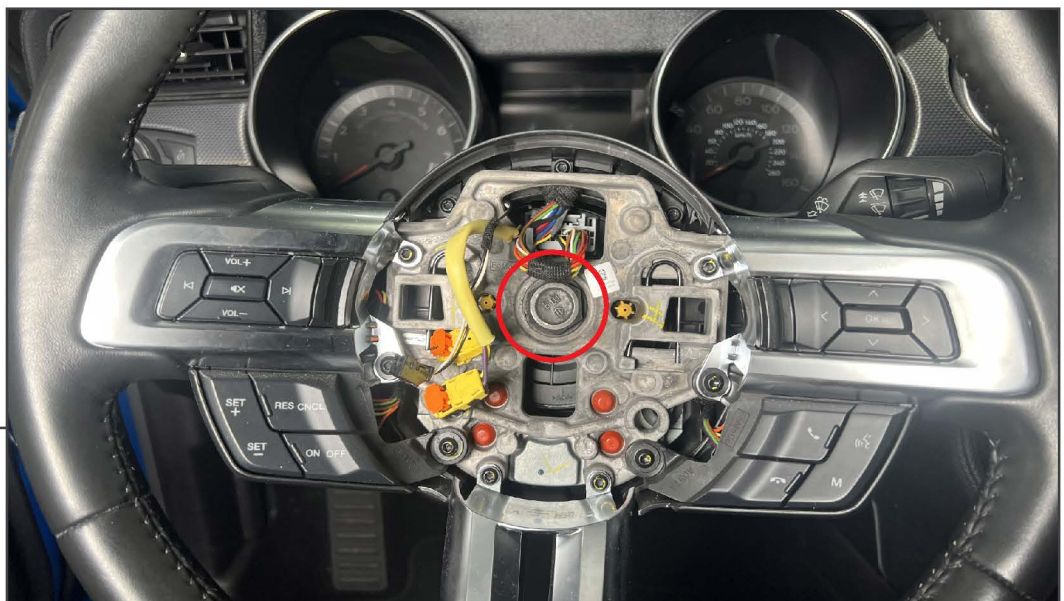
Set the air bag aside.

STEP 5



Unplug the steering wheel controls connector by pressing the tab and pulling the connector away.

STEP 6

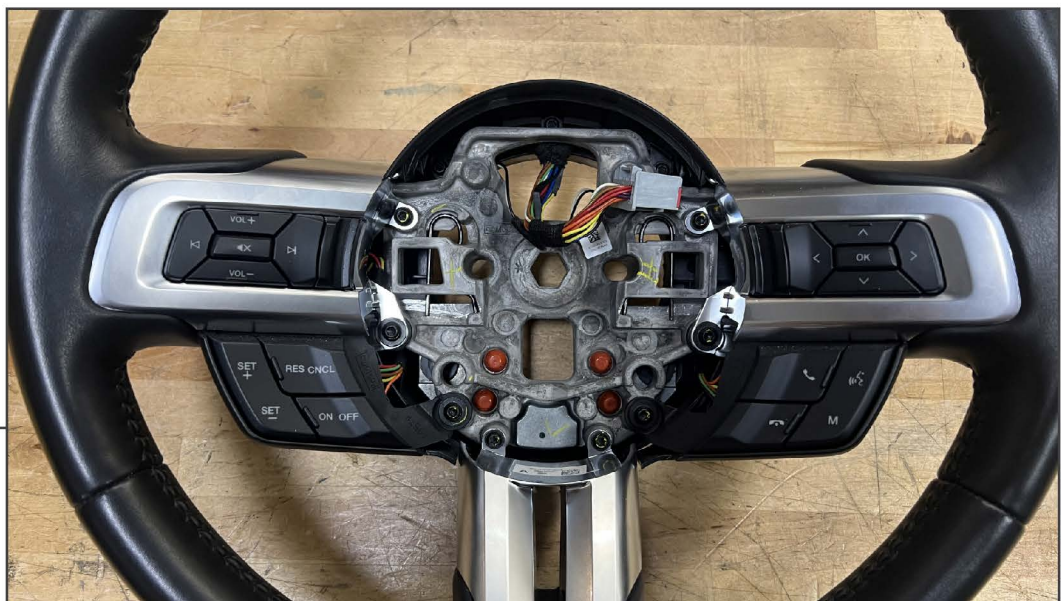


While holding the steering wheel in place, use a 15/16" socket and a ratchet to loosen and remove the steering wheel retaining bolt.

STEP 7

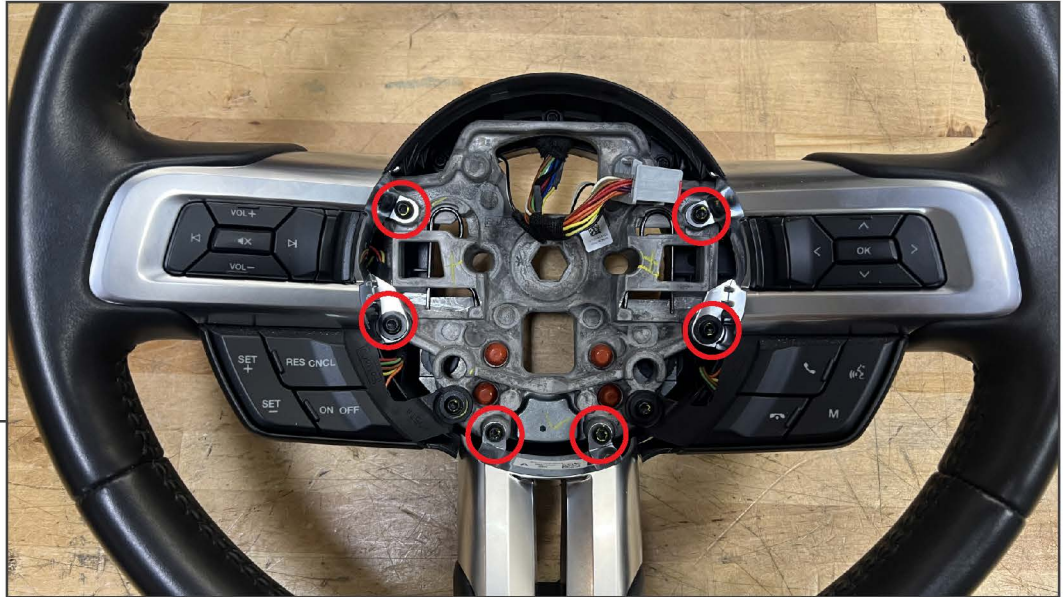
Firmly move the steering wheel to disengage the wheel from the steering column. While removing the steering wheel, carefully route the clockspring wiring harness out of the steering wheel. Ensure the clockspring remains in the original position. If the clockspring moves slightly during steering wheel removal, gently move back to the original starting position.

Note: It is recommended to tape the clockspring in place with masking tape while the steering wheel is removed to prevent accidental movement.

STEP 8

Place the original steering wheel on a workable surface for disassembly.

During disassembly, take note to the locations of each screw, some flange sizes are different. It is recommended to lay each screw out in a pattern similar to removal to ensure the correct installation location.

STEP 9

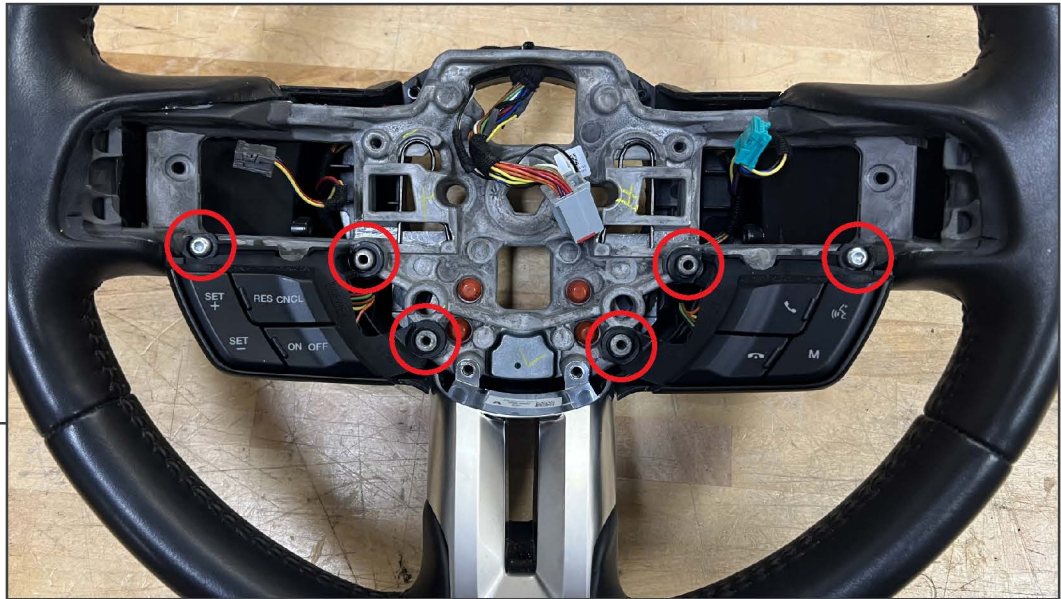
Begin to disassemble the steering wheel by removing (6) T-20 Torx screws from the volume controls, 4-way directional buttons, and the lower trim panel.

STEP 10

To remove each switch/trim assembly, gently pry the outer switch/trim panel edge inwards on the steering wheel. Then, fold the switch assembly towards the top of the steering wheel to dislodge the locking tab from the rear plastic trim. Unplug each wiring harness.

Set aside each switch/trim assembly with the corresponding hardware.

STEP 11



Remove (6) T-20 Torx screws from the cruise control and hands-free switch assemblies.

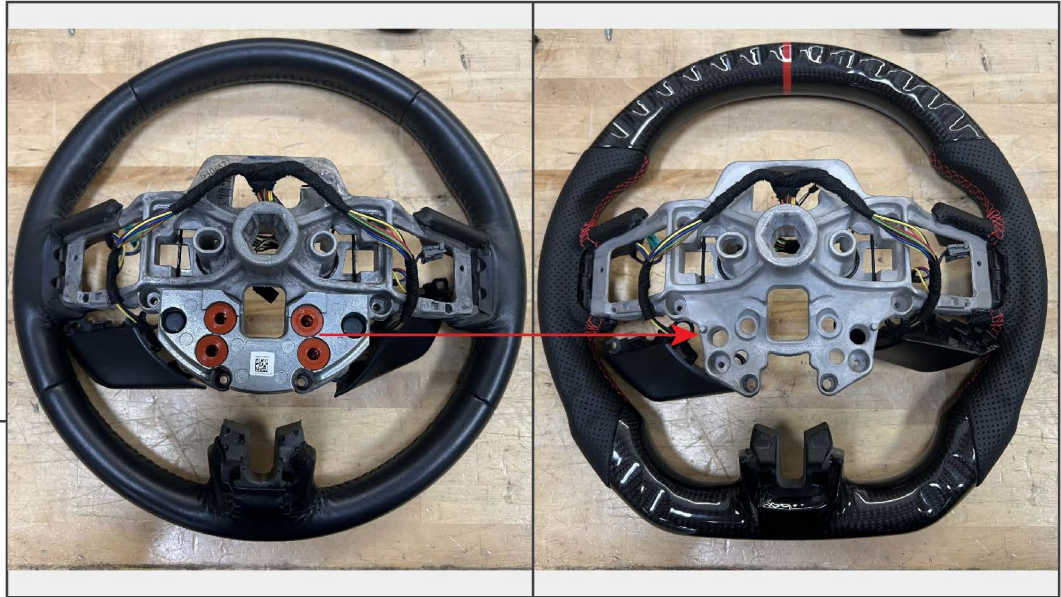
Gently lift each assembly from the steering wheel dowels retaining each switch assembly. Unplugging each switch is not required.

STEP 12



Using a plastic pry tool, pry the outer edges of the plastic trim away from the steering wheel, and set aside.

STEP 13



Identify and familiarize the routing of the steering wheel wiring harness. This is important to ensure the harness is transferred properly.

Carefully lift the wiring harness away from the steering wheel, and transfer to the new steering wheel.

Transfer the steering wheel weight to the new steering wheel.

STEP 14



Follow Steps 8-12 in reverse order to assemble the original steering wheel components to the new steering wheel with the original hardware.

STEP 15



Align the steering wheel to the vehicle, and route the clockspring harness through the steering wheel. Fit the steering wheel to the steering column and secure into place using the original 15/16" bolt.

Torque the steering wheel retaining bolt to 35 ft. lbs.

STEP 16



Plug in the the three air bag connectors, and press the air bag into the steering wheel until fully seated, the air bag will audibly click into place.

Installation is now complete.