



CARBON FIBER STEERING WHEEL

(2021-2023 F-150)

INSTALLATION INSTRUCTIONS

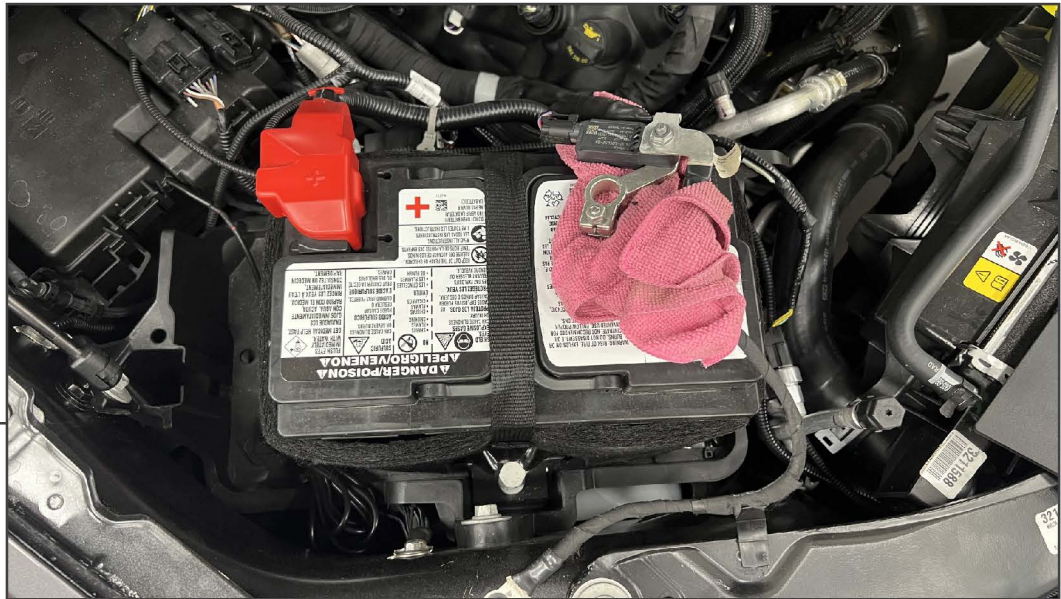
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(1) Steering Wheel

TOOLS REQUIRED

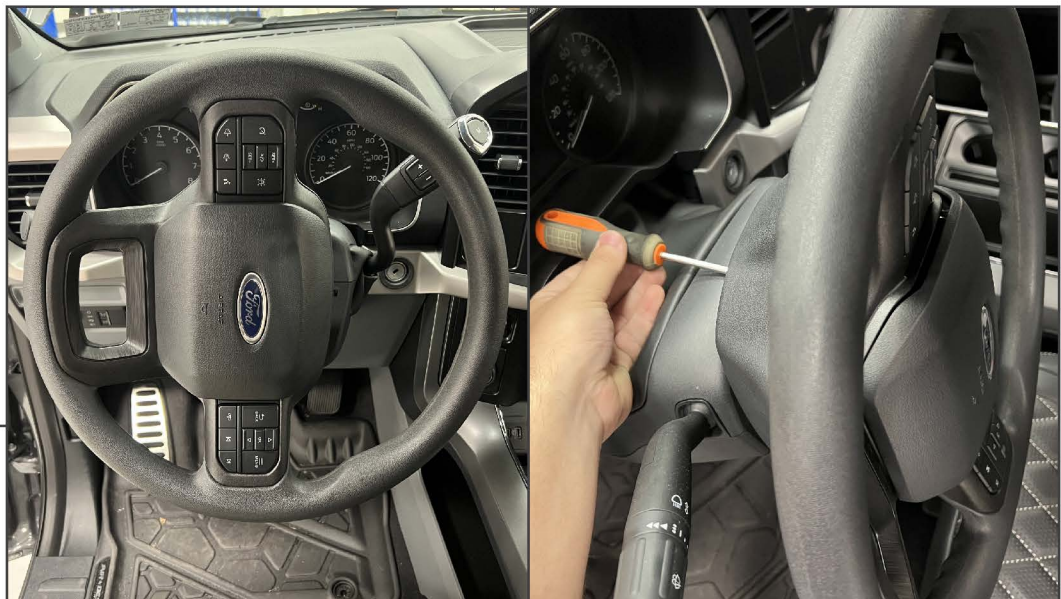
10mm Socket
T-20 Torx Sockets
Ratchet
Impact Wrench
Torque Wrench
Flathead Screwdriver
Small Pry Tool
Masking Tape

SKU # T619841 / T619842 /
T619843

STEP 1

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

Open the vehicle hood. Loosen the negative battery cable terminal and disconnect the negative terminal from the vehicle battery, isolate the terminal from the battery with a shop rag, if necessary. Allow the vehicle to sit for at least 10 minutes to ensure the system is discharged.

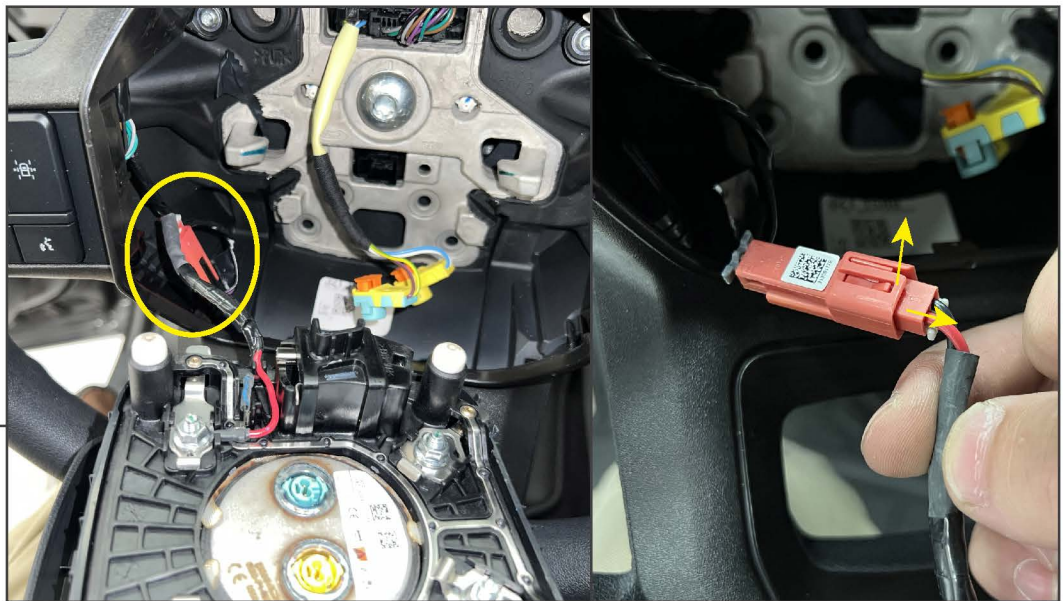
STEP 2

Beginning with the steering wheel straight, turn the steering wheel 90° clockwise. Then, use a flathead screwdriver behind the steering wheel to depress the air bag retaining spring. Once the air bag is free, turn the steering wheel 180° counter-clockwise and depress the air bag spring. With both side of the air bag dislodged, pull the air bag away from the steering wheel. With the air bag disconnected on both sides, straighten the steering wheel.

Note: Take your time and feel for the metal spring with the screwdriver. The air bag will visibly move when pressing on the spring.

STEP 3

Using a small pry tool, lift the orange connector locks away from each yellow connector. With the orange locks lifted, the connector will lift out of place. Gently use the pry tools to lift the connector upwards if necessary.

STEP 4

Locate the red connector along the LH bottom edge of the air bag area. Gently lift the connector from the retaining post. Then, using a small flathead screwdriver, lift the steering wheel side red connector tab while pulling the air bag connector away from the steering wheel connector.

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 T-50 Torx socket to loosen and remove the steering wheel retaining bolt.

STEP 7

Lift the steering wheel from the vehicle. 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.

Note: Depending on OE vehicle equipment, vehicles with heated steering wheels & paddle shifters may require additional disassembly/hardware removal than portrayed in the following steps.

STEP 9



Begin to disassemble the steering wheel by removing the (2) T-20 Torx screws.

STEP 10



Using a plastic pry tool, work around the perimeter of the steering wheel controls and lower trim panel. This assembly is secured in some areas using large plastic dowels in the steering wheel foam. These dowels can be difficult to remove and sometimes require additional pressure/force to dislodge.

Note: It is recommended to begin behind the steering wheel control switches and work inwards.

STEP 11

Lift the steering wheel control and lower trim panel assembly away, and dislodge the harness from the steering wheel. Use a small pry tool to dislodge the (2) retaining push clips.

Note: If the vehicle is equipped with OEM Paddle Shifters, remove the hardware and paddles from the steering wheel. At this time, transfer the paddle shifters to the new steering wheel.

STEP 12

Align the steering wheel control assembly to the new steering wheel, and route the harness into place. Once the harness is properly routed, press the steering wheel control assembly fully into place. Work around the perimeter to ensure an even fit.

Once fitted into place, secure the assembly to the steering wheel using the original (2) T-20 Torx screws.

STEP 13



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 T-50 Torx bolt.

Torque the steering wheel retaining bolt to 46 ft. lbs.

Note: OEM recommends replacing the steering wheel bolt, **OEM Part # W721079-S437**

STEP 14



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

Installation is now complete.