



M-3600-F15C
2021-CMY F-150
Raptor Steering Wheel Kit

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS

PRIOR TO INSTALLATION READ THESE INSTRUCTION COMPLETELY
For questions, Call the FORD PERFORMANCE Techline 1-800-367-3788

Please visit <https://www.performanceparts.ford.com> for warranty information

NOTE: Upon installation of steering wheel, variance in the product may require a front tire alignment to ensure steering wheel is aligned.

Steering Wheel Removal

NOTE: Removal steps in this procedure may contain installation details.

NOTE: Heated steering wheel shown, others similar.

NOTE: Make sure the steering wheel and the road wheels are in the straight ahead position.

1. Remove the driver airbag.

Driver Airbag Removal

⚠ WARNING: Service and handling of Pyrotechnic Components is restricted to qualified personnel. The required qualifications vary by region. Always observe local laws and legislative directives regarding Pyrotechnic Components service and handling. Failure to follow this instruction may result in serious personal injury or death.

⚠ WARNING: Always carry a live airbag with the deployment door, trim cover or tear seam pointed away from the body. Do not place a live airbag down with the deployment door, trim cover or tear seam facing down. Failure to follow these instructions may result in serious personal injury in the event of an accidental deployment.

⚠ WARNING: Never probe the electrical connectors on airbag, Safety Canopy or side air curtain assemblies. Failure to follow this instruction may result in the accidental deployment of these assemblies, which increases the risk of serious personal injury or death

1. Depower the Supplemental Restraint System (SRS).

Supplemental Restraint System (SRS) Depower

1. **⚠ WARNING:** Incorrect repair techniques or actions can cause an accidental Supplemental Restraint System (SRS) deployment. Never compromise or depart from these instructions. Failure to precisely follow all instructions could result in serious personal injury from an accidental deployment.
2. Determine if a SRS fault is present. Turn the ignition OFF and wait 10 seconds, then turn the ignition ON and monitor the airbag warning indicator. The airbag warning indicator illuminates continuously for approximately 6 seconds and then turns off. Continue to monitor the airbag warning indicator for approximately 30 seconds as this is the time required for the RCM to complete testing of the SRS.

Ford Factory Shop Manual purchase options www.motorcraftservice.com



M-3600-F15C
2021-CMY F-150
Raptor Steering Wheel Kit

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS

- 3.
- If a SRS fault is present the airbag warning indicator either fails to light, remains lit continuously or flashes. The flashing may not occur until approximately 30 seconds after the ignition has been turned from OFF to ON. If this occurs, diagnose and repair any SRS faults before proceeding with other repairs.
 - If after the ignition has been turned ON for 30 seconds the airbag warning indicator remains unlit with no chime or SRS message displayed in the message center, no SRS fault is present.
 - If the airbag warning indicator is inoperative and a SRS fault exists, a chime sounds in a pattern of 5 sets of 5 beeps or a message displays in the message center. If this occurs, diagnose and repair the airbag warning indicator and any SRS faults before proceeding with other repairs.

No SRS Fault Present (with ignition ON, airbag warning indicator stays off after prove out)

4. **⚠ WARNING: Turn the ignition OFF and wait one minute to deplete the backup power supply. Ignition must remain OFF until repair is complete. Failure to follow this instruction may result in serious personal injury or death in the event of an accidental deployment.**

Turn the ignition OFF and wait one minute before continuing vehicle service.

SRS Fault Present

5. Turn the ignition OFF.
6. Remove the BCM fuses from the BJB . Refer to the owners manual for fuse and relay information.
7. Disconnect the battery.
8. Wait at least one minute before continuing vehicle service.

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

Driver Airbag Removal (Continued)

For Vehicles With Adaptive Steering

2. At the side of the steering wheel, locate the hole and insert a 3 mm (0.125 inch) Allen key. See Figure 1.

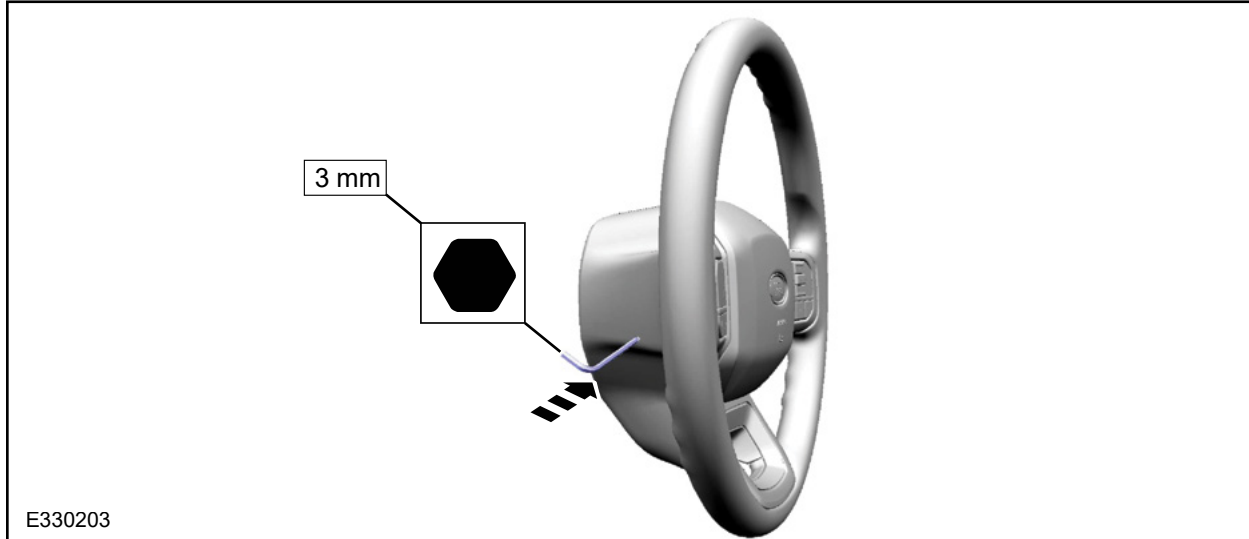


FIGURE 1

NOTE: The driver airbag has been removed for clarity.

3. Contact the Allen key to the spring clip. See Figure 2.

- The guide will self-align the Allen key to the spring clip.

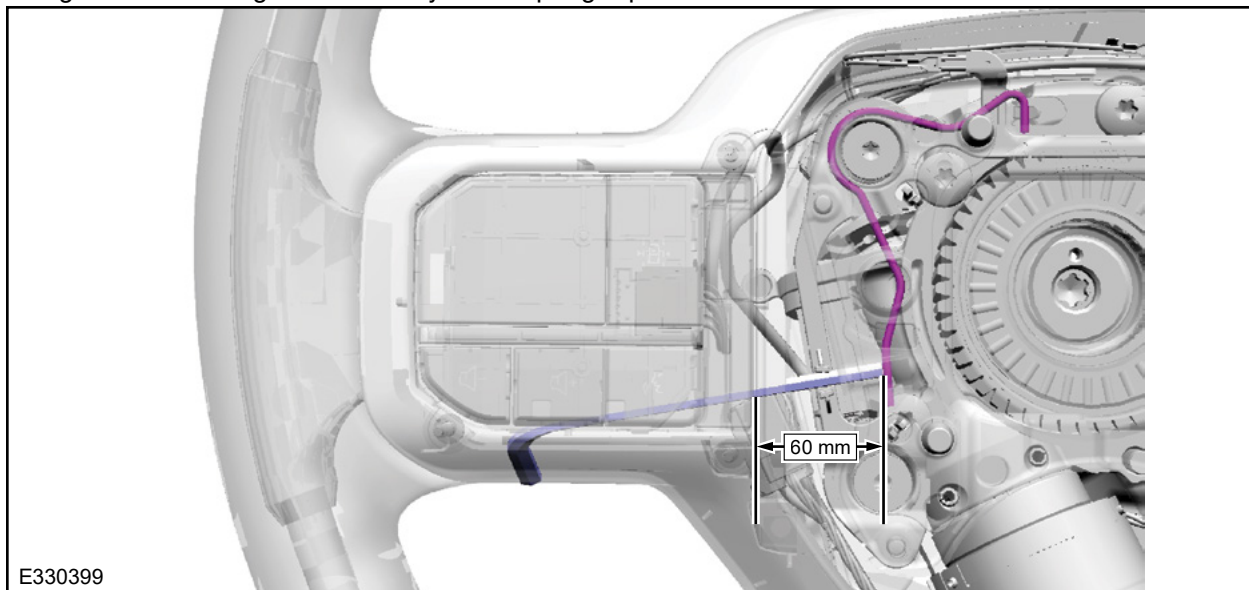


FIGURE 2

Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

- 4.
1. Push in on the steering wheel spring clip to release the driver airbag retainer. See Figure 3.
 2. Pull the driver airbag out and partially separate it from the steering wheel.

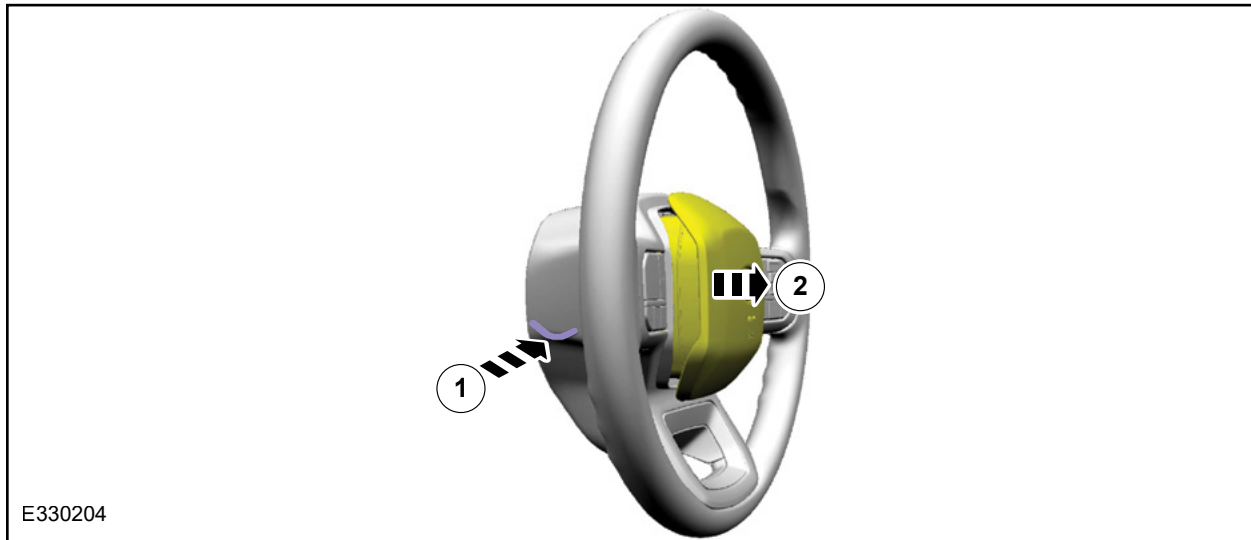


FIGURE 3

5. At the side of the steering wheel, locate the hole and insert a 3 mm (0.125 inch) Allen key. See Figure 4.

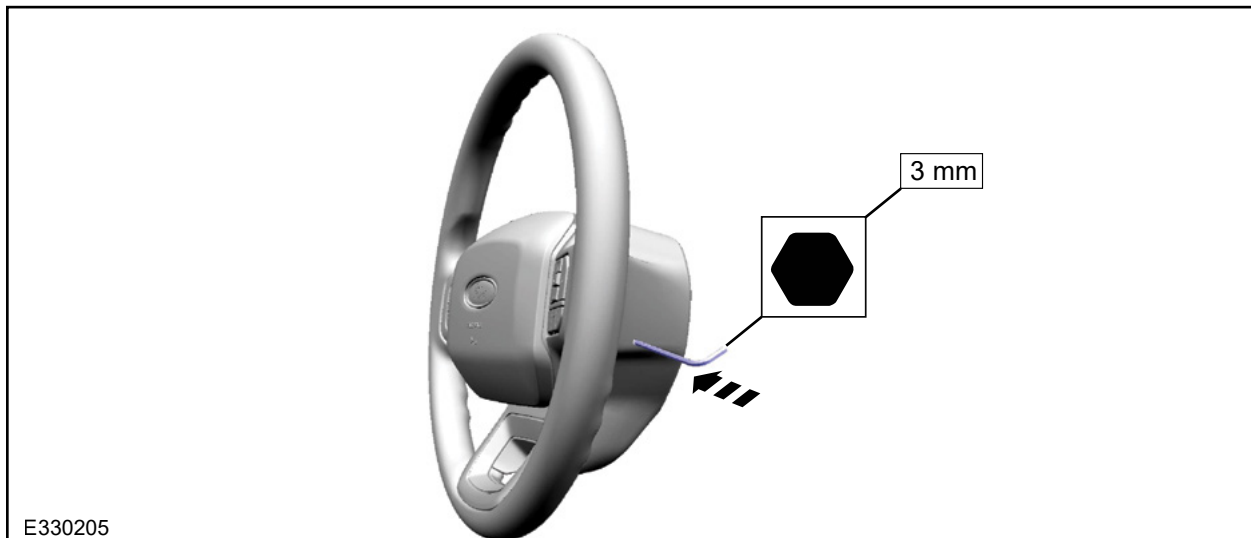


FIGURE 4

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

NOTE: The driver airbag has been removed for clarity.

6. Contact the Allen key to the spring clip. See Figure 5.

- The guide will self-align the Allen key to the spring clip.

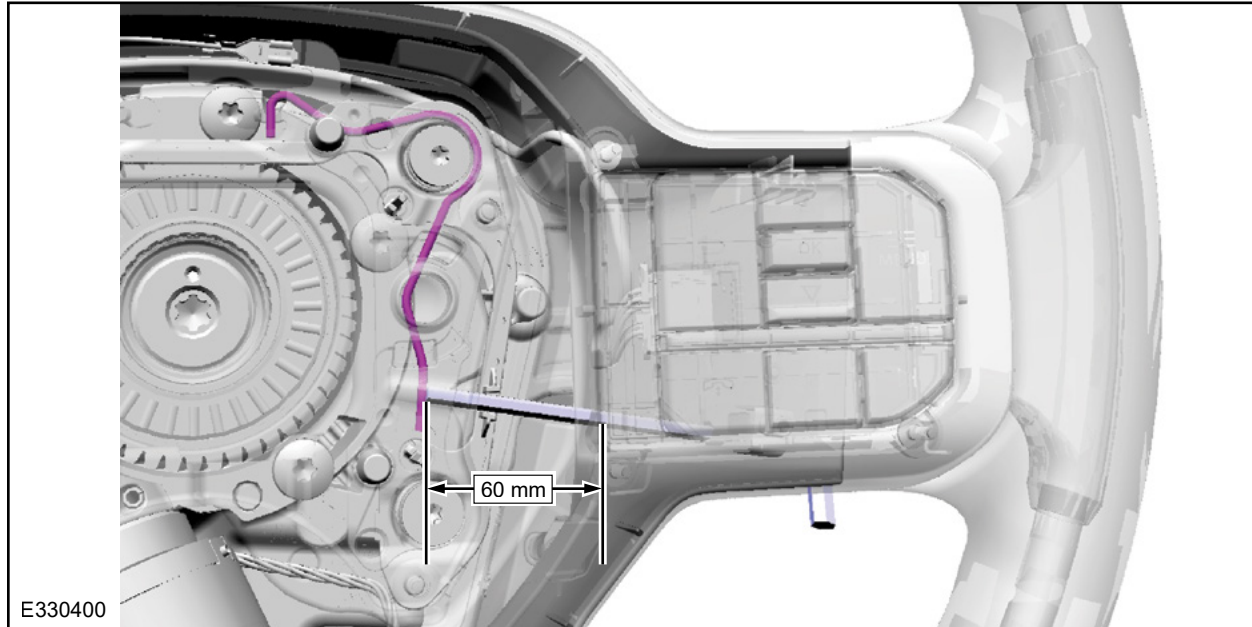


FIGURE 5

- 7.
1. Push in on the steering wheel spring clip to release the driver airbag retainer. See Figure 6.
 2. Pull the driver airbag out and separate it from the steering wheel.

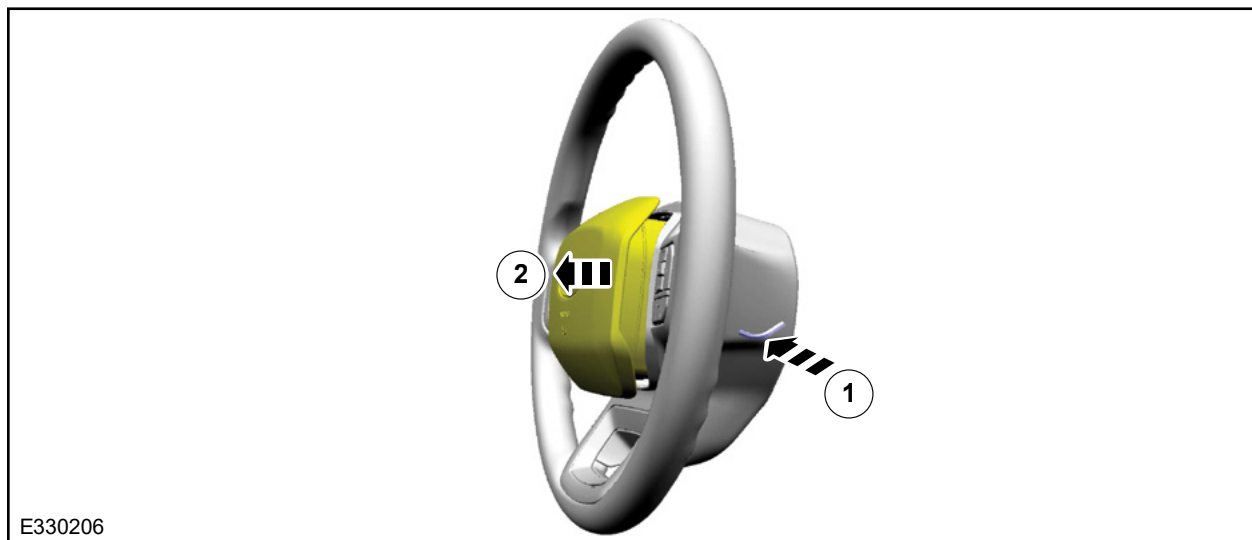


FIGURE 6

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

8. Disconnect the electrical connectors and remove the driver airbag. See Figure 7.

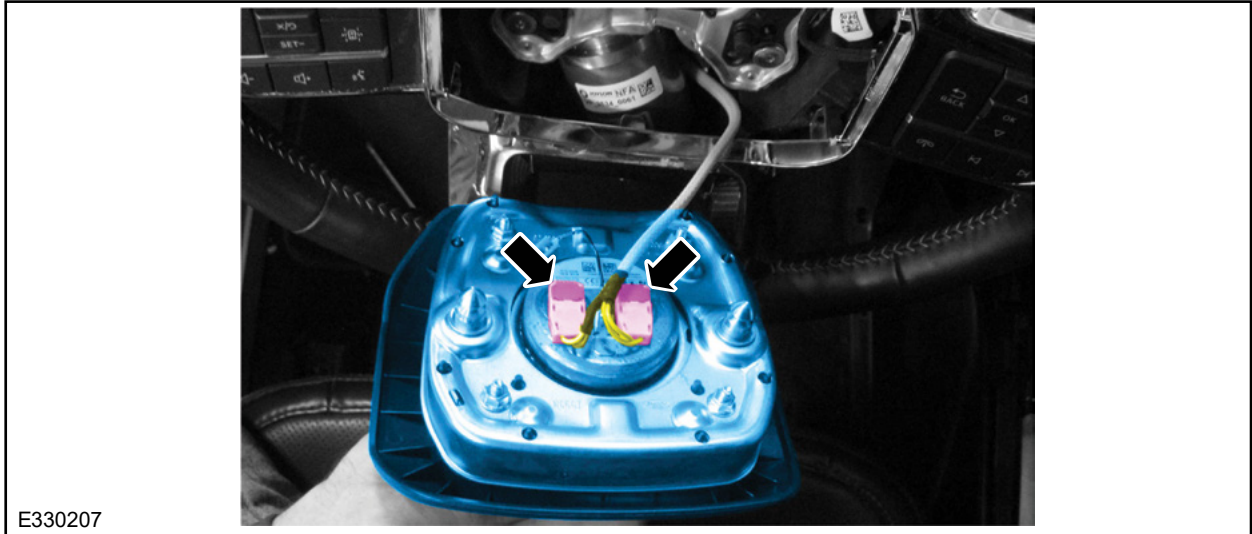


FIGURE 7

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

For Vehicles Without Adaptive Steering

- 9.
1. Turn the steering wheel clockwise through 90 degrees. See Figure 8.
 2. Pivot the spring clip disengaging it from the steering wheel. Use the General Equipment: Flat-Bladed Screwdriver.
 3. Detach the driver airbag.

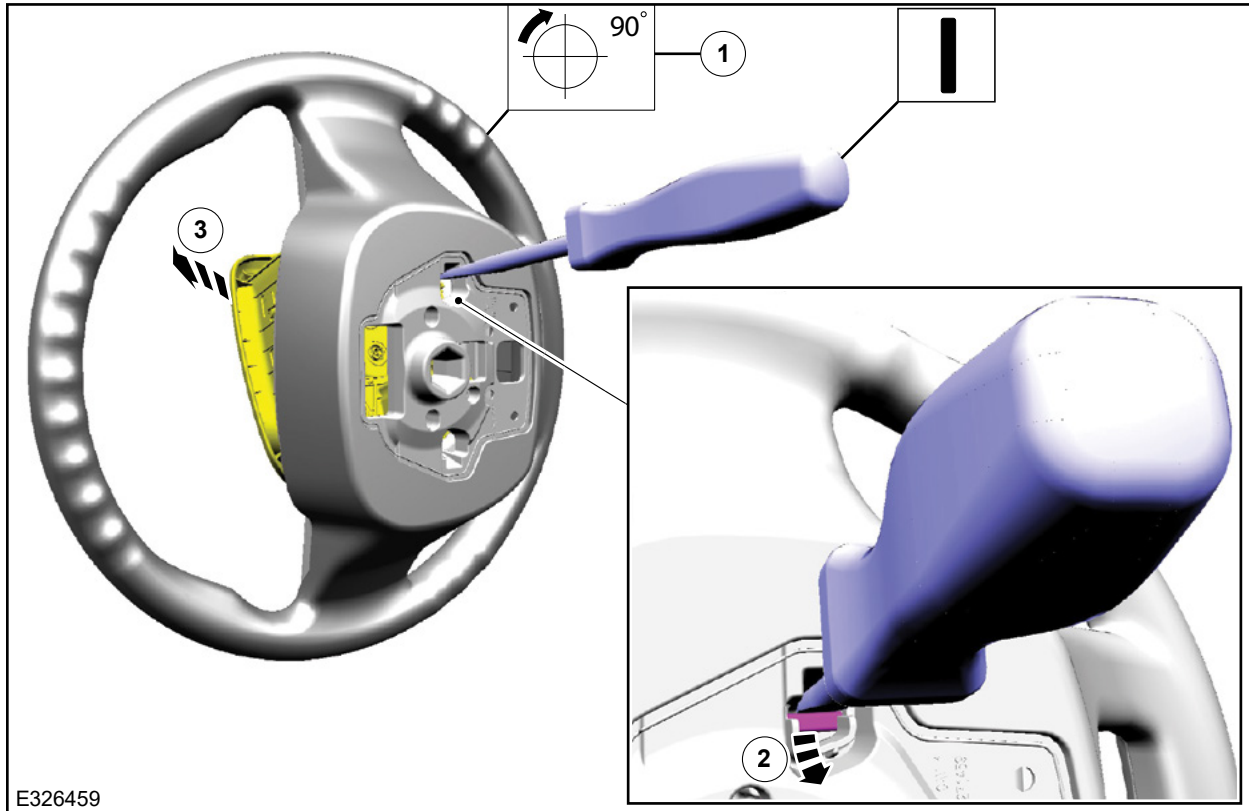


FIGURE 8

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

10.

1. Turn the steering wheel counterclockwise through 180 degrees.
2. Pivot the spring clip disengaging it from the steering wheel. Use the General Equipment: Flat-Bladed Screwdriver.
3. Detach the driver airbag

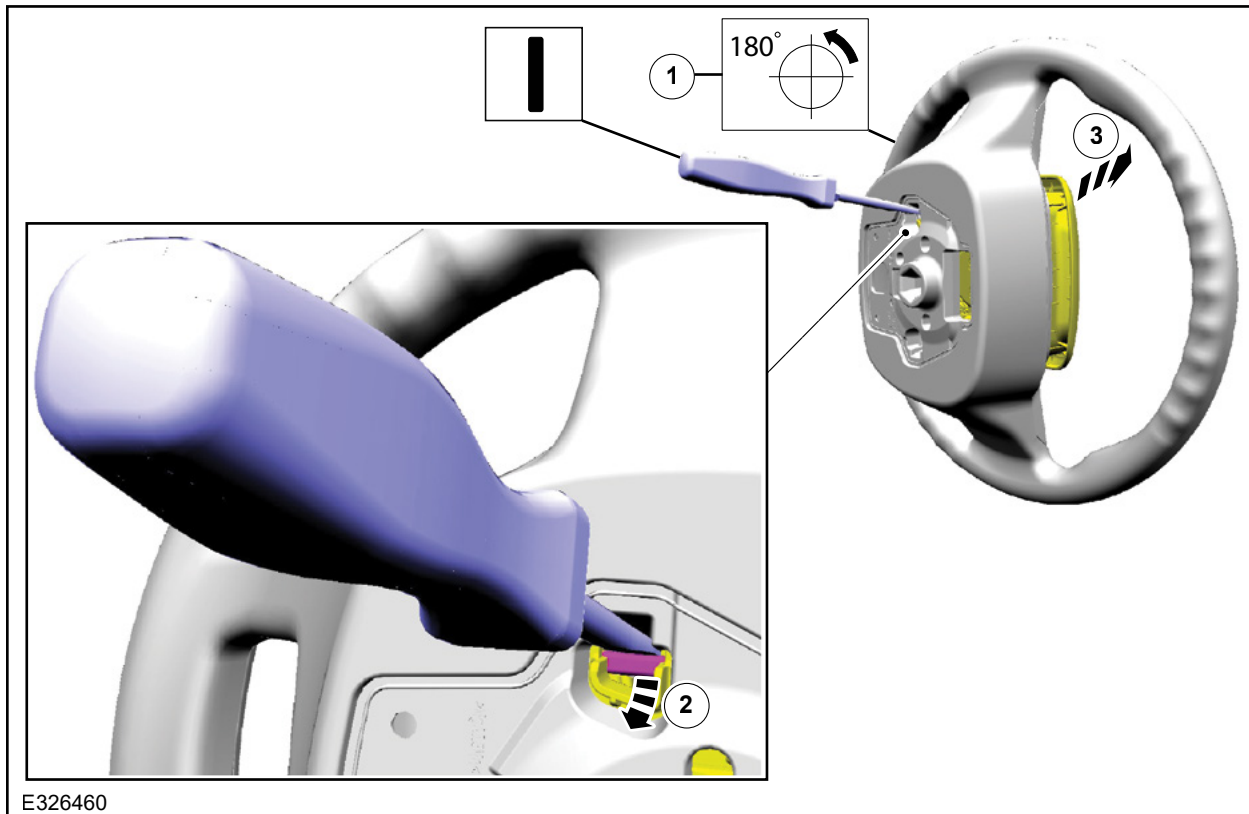


FIGURE 9

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

11. Disconnect the driver airbag electrical connectors and remove the driver airbag. See Figure 10.

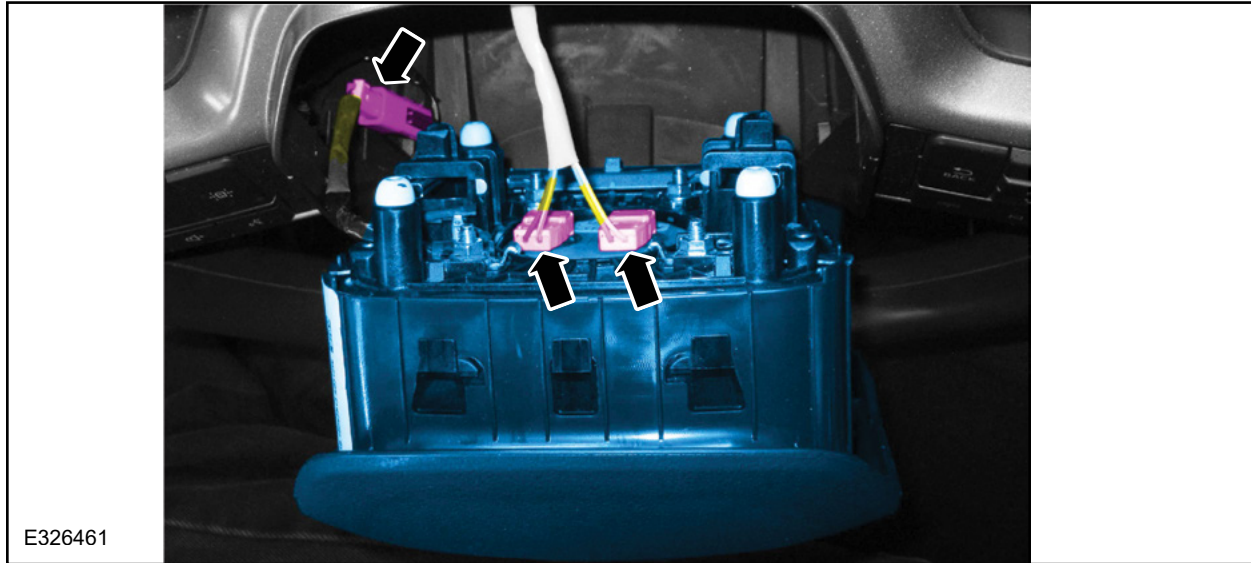


FIGURE 10

Steering Wheel Removal (Continued)

2. Disconnect the steering wheel electrical connector(s). See Figure 11.

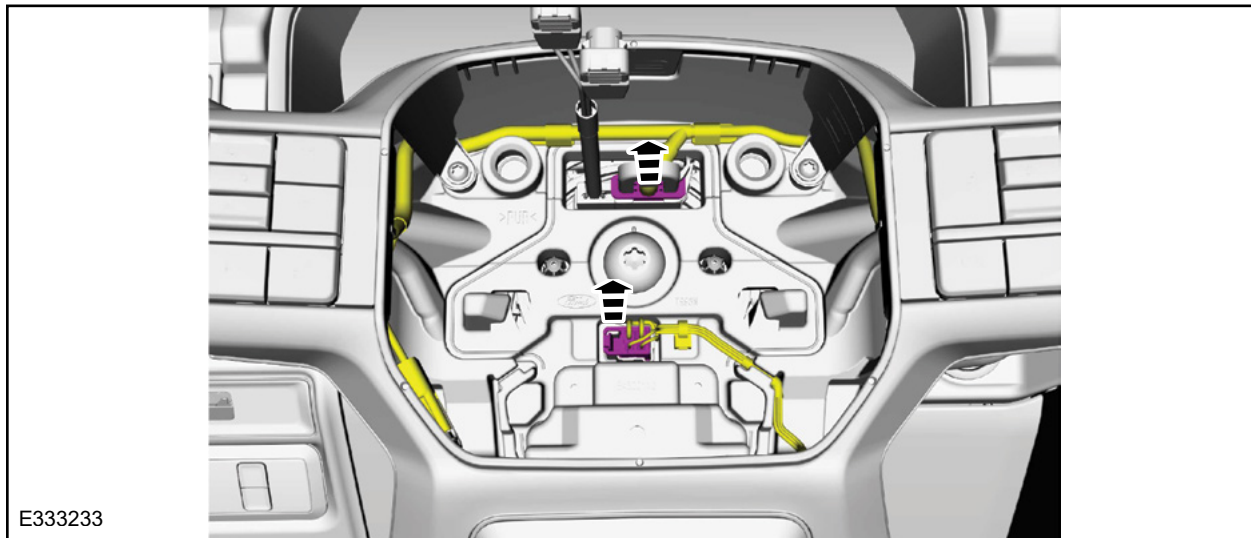


FIGURE 11



FORD PERFORMANCE

M-3600-F15C
2021-CMY F-150
Raptor Steering Wheel Kit

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

NOTICE: Make sure the tick-mark on the end of the steering column shaft is on the top position.

3. Remove and discard the steering wheel bolt and remove the steering wheel. See Figure 12.

- Torque: 46 lb.ft (62.5 Nm)

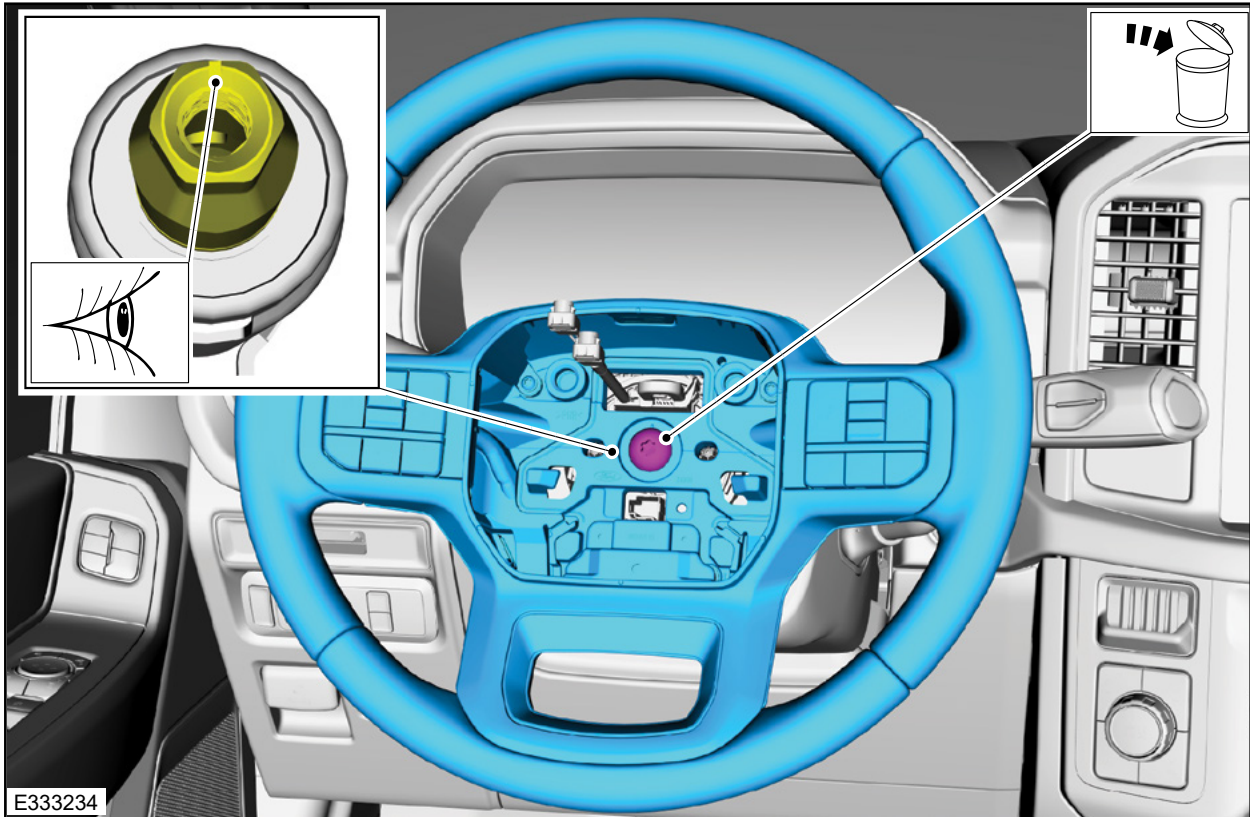


FIGURE 12

4. Tape the clockspring rotor to the outer housing to keep it from rotating. See Figure 13.

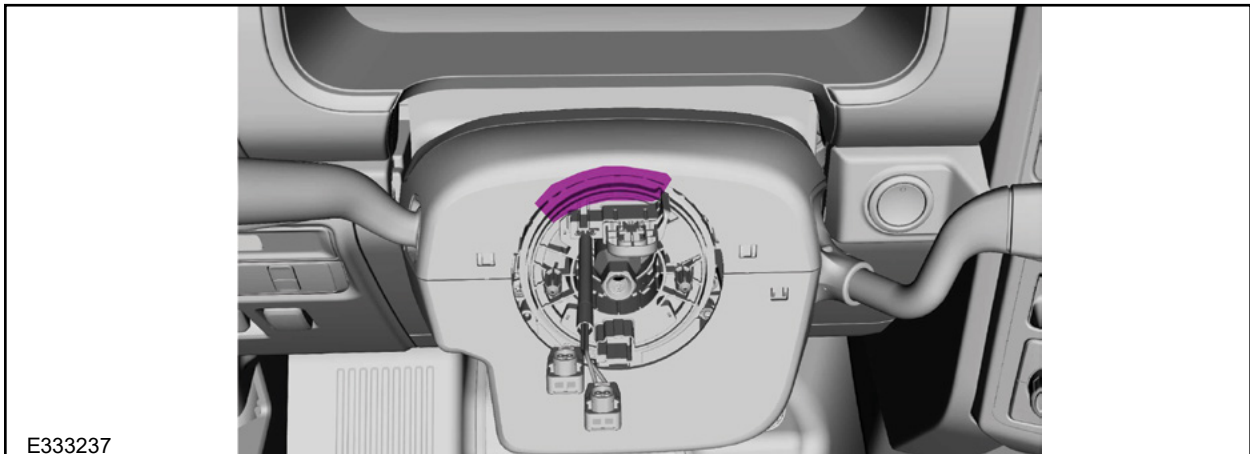


FIGURE 13

Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

Steering Wheel Multifunction Switch Removal

NOTE: Steering wheel removed from the vehicle.

1. On both sides, disconnect the electrical connector. See Figure 14.
2. Detach the wire harness from the bezel.

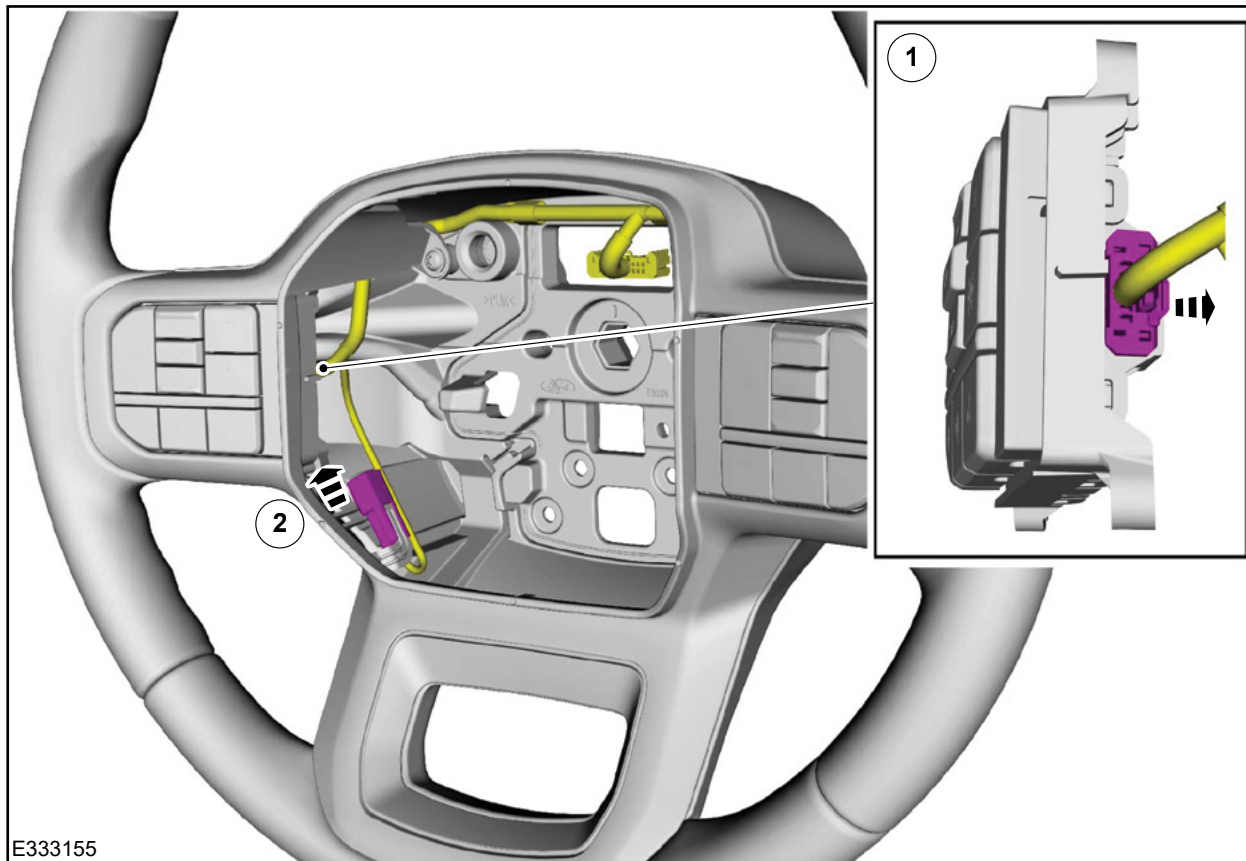


FIGURE 14

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

2. Remove the steering wheel switch bezel retainers. See Figure 15.

- Torque: 31 lb. in (3.5 Nm)

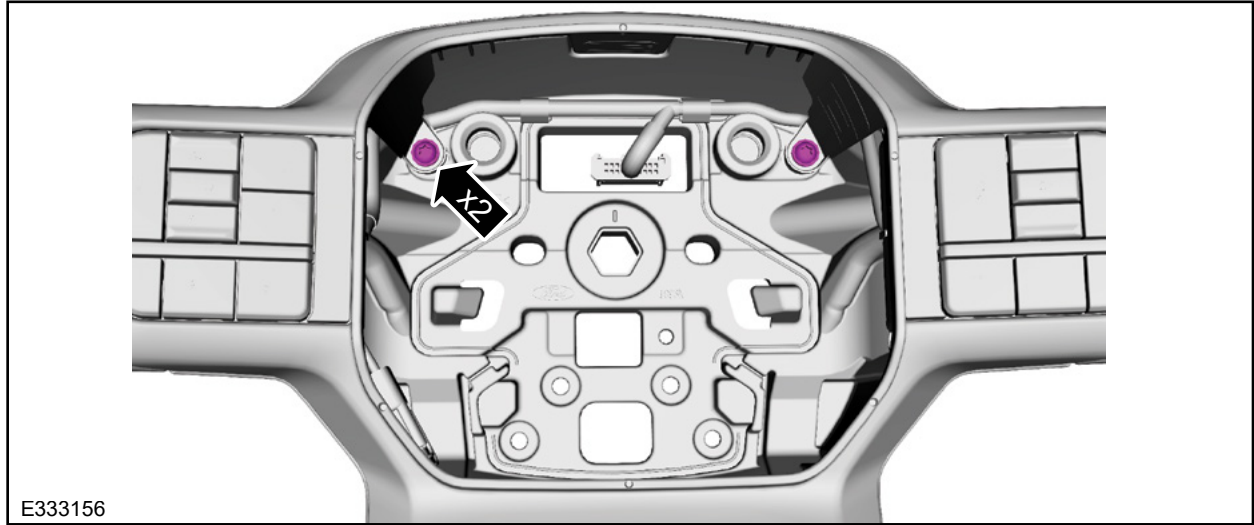


FIGURE 15

3. Using a suitable flat-bladed tool, remove the steering wheel switch bezel. See Figure 16.



FIGURE 16

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

4. Remove the retainers and the steering wheel multifunction switches. See Figures 17 and 18.

- Torque: 5 lb. in (0.6 Nm)

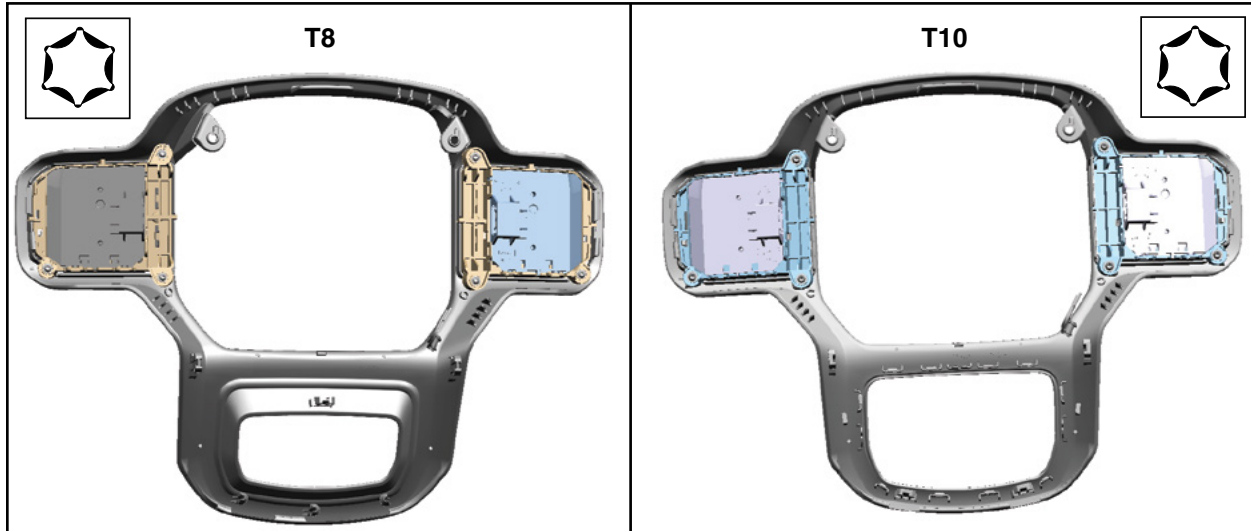


FIGURE 17

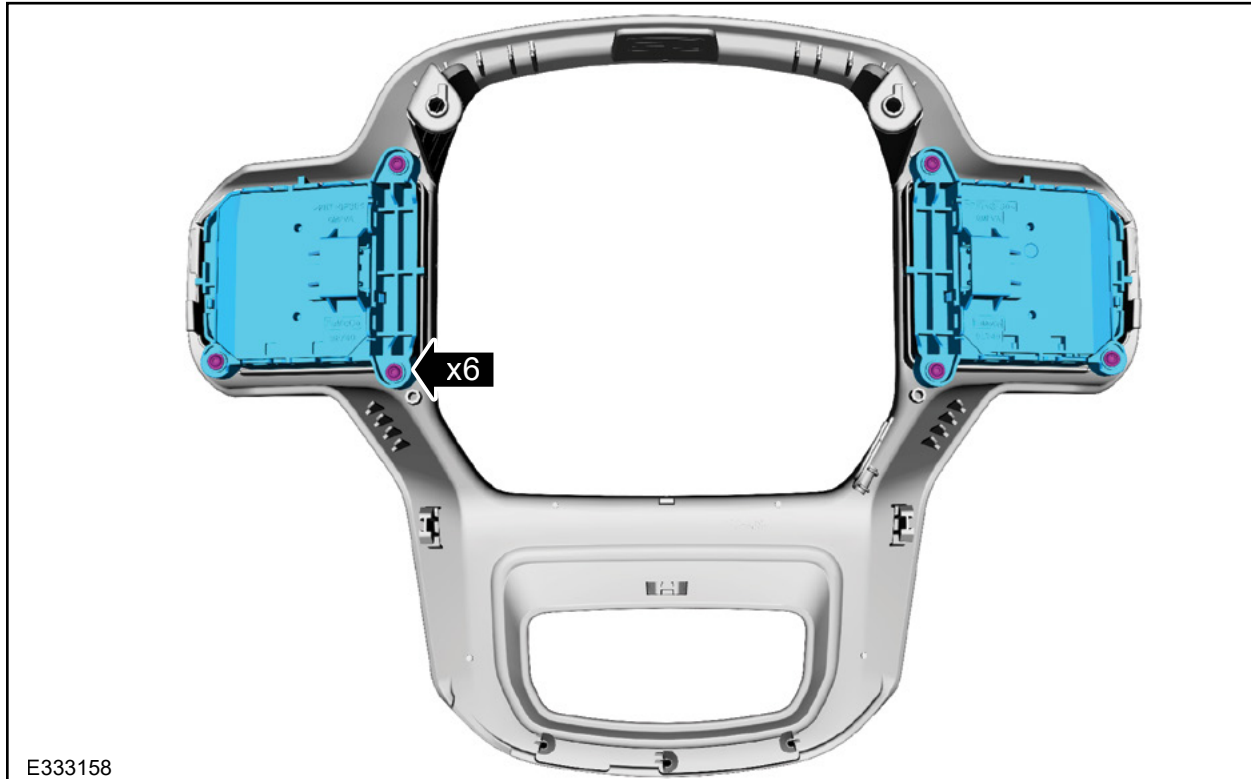


FIGURE 18

E333158



M-3600-F15C
2021-CMY F-150
Raptor Steering Wheel Kit

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

Raptor Steering Wheel Prep

1. Remove the bezel retainers on the Raptor steering wheel. See Figure 19.



FIGURE 19

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

2.
 1. On both sides, disconnect the electrical connector See Figure 20.
 2. Detach the wire harness from the bezel.

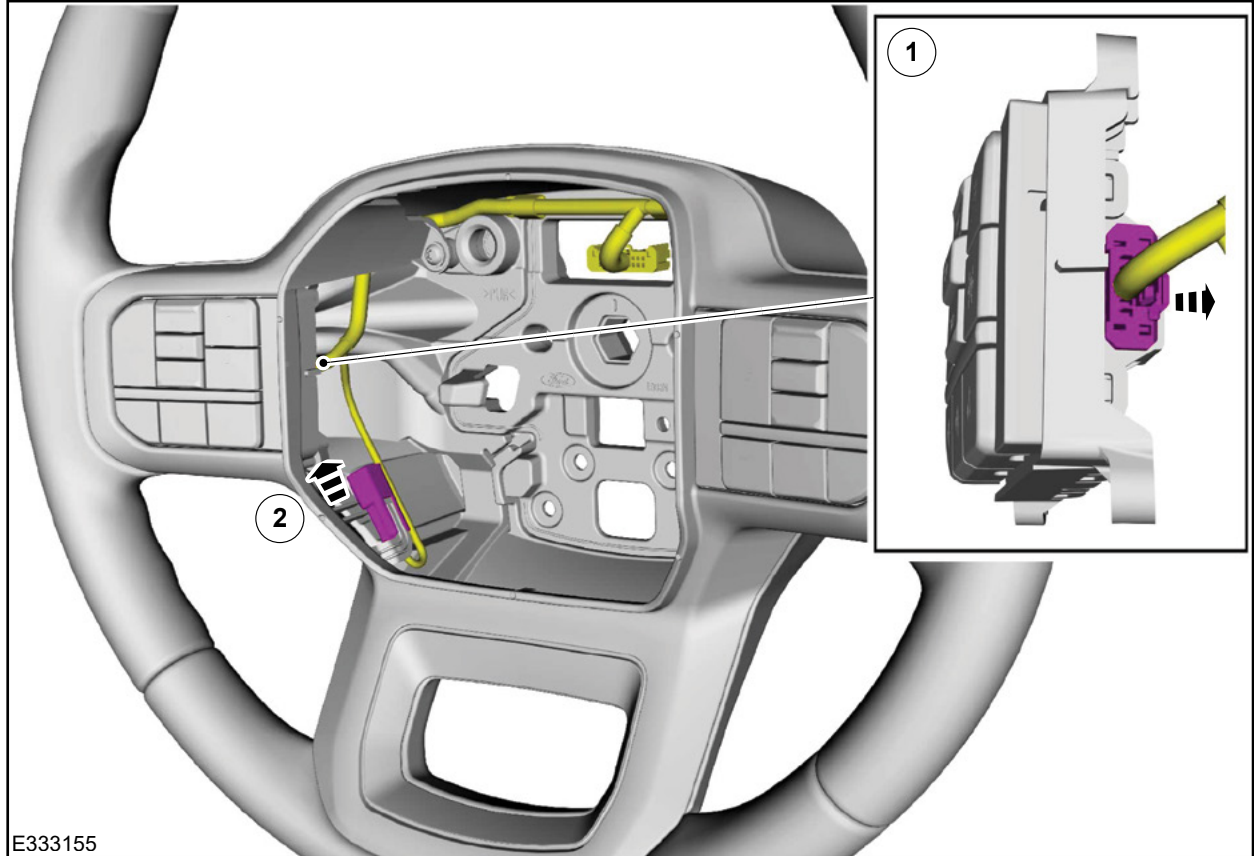


FIGURE 20

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

3. Remove the bezel on the Raptor steering wheel. See Figure 21.



FIGURE 21

4. Remove the retainers and the steering wheel multifunction switches. See Figure 22.

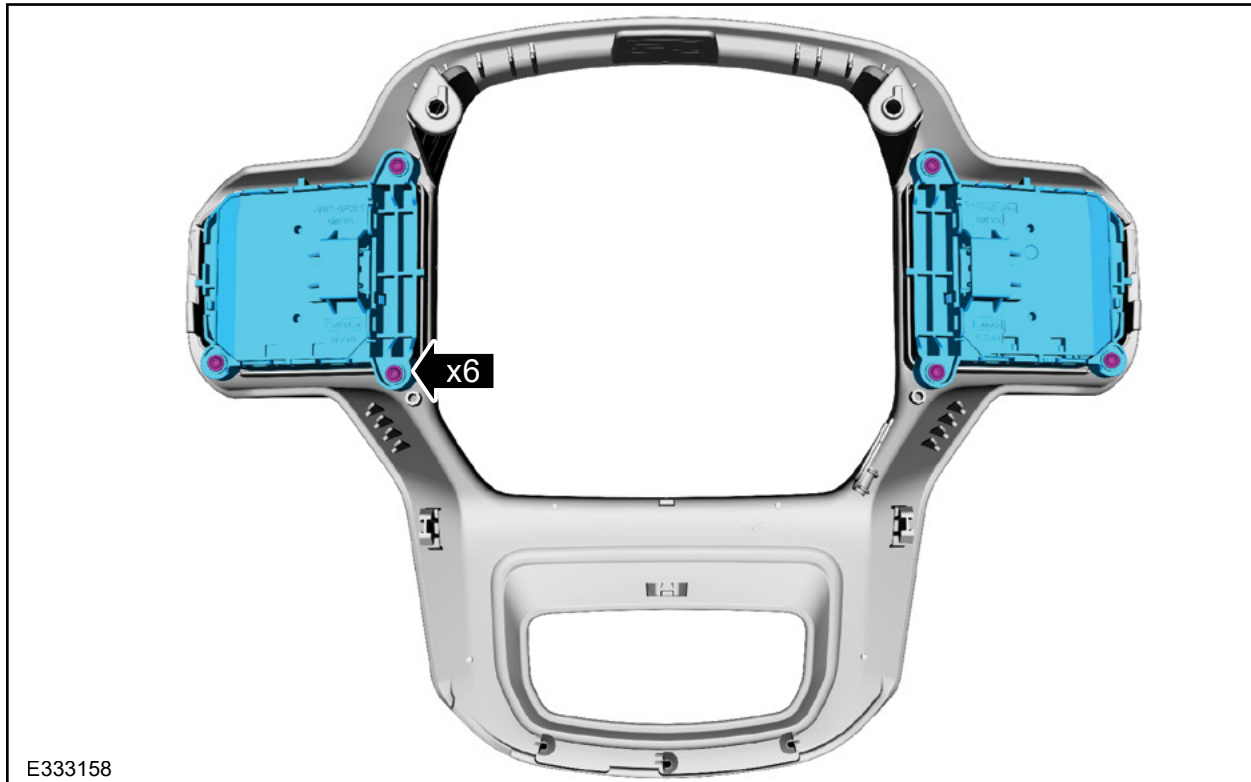


FIGURE 22



M-3600-F15C
2021-CMY F-150
Raptor Steering Wheel Kit

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

Steering Wheel Multifunction Switch Installation

1. Install the original steering wheel multifunction switches and the *new* Raptor bezel to the *new* Raptor steering wheel by reversing the removal procedure.

Steering Wheel Installation

1. Install the new Raptor steering wheel by reversing the removal procedure.

Airbag Installation

For Vehicles Without Adaptive Steering

1. Connect the airbag electrical connectors. See Figure 23.

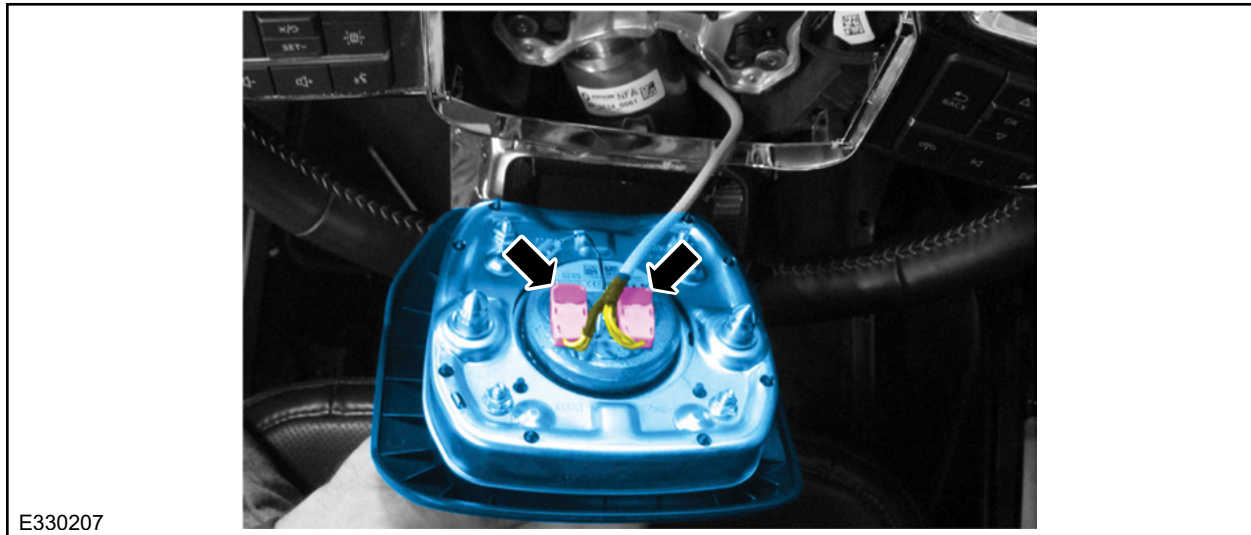


FIGURE 23

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD PERFORMANCE PARTS

For Vehicles With Adaptive Steering

2. Connect the driver airbag electrical connectors. See Figure 10.

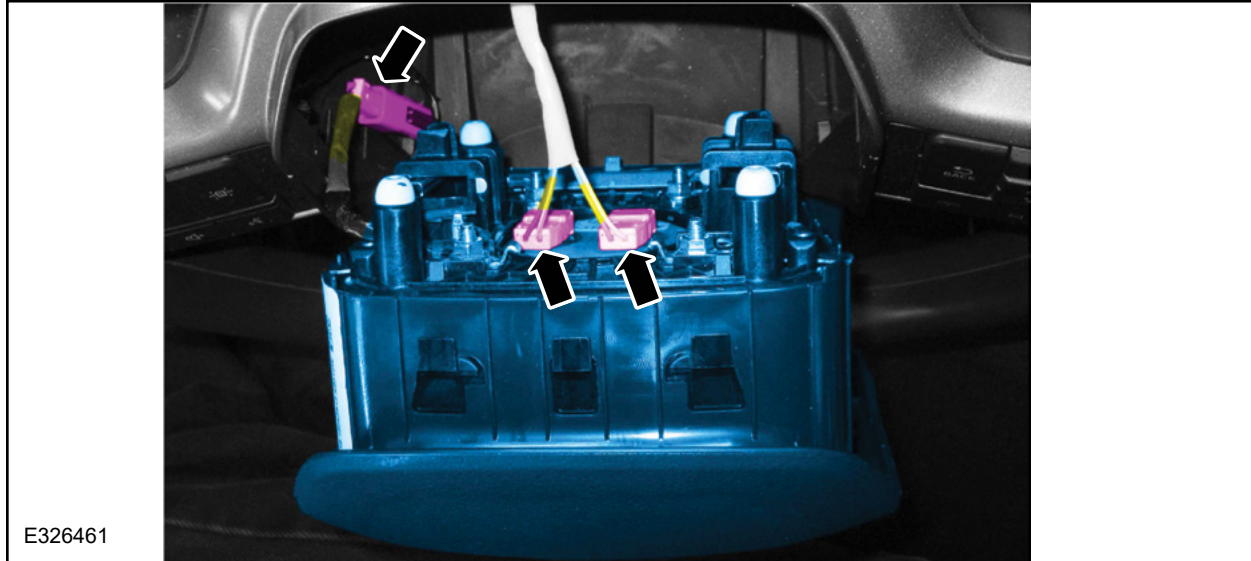


FIGURE 24
For All Vehicles

3. Connect the airbag electrical connectors. See Figure 25.

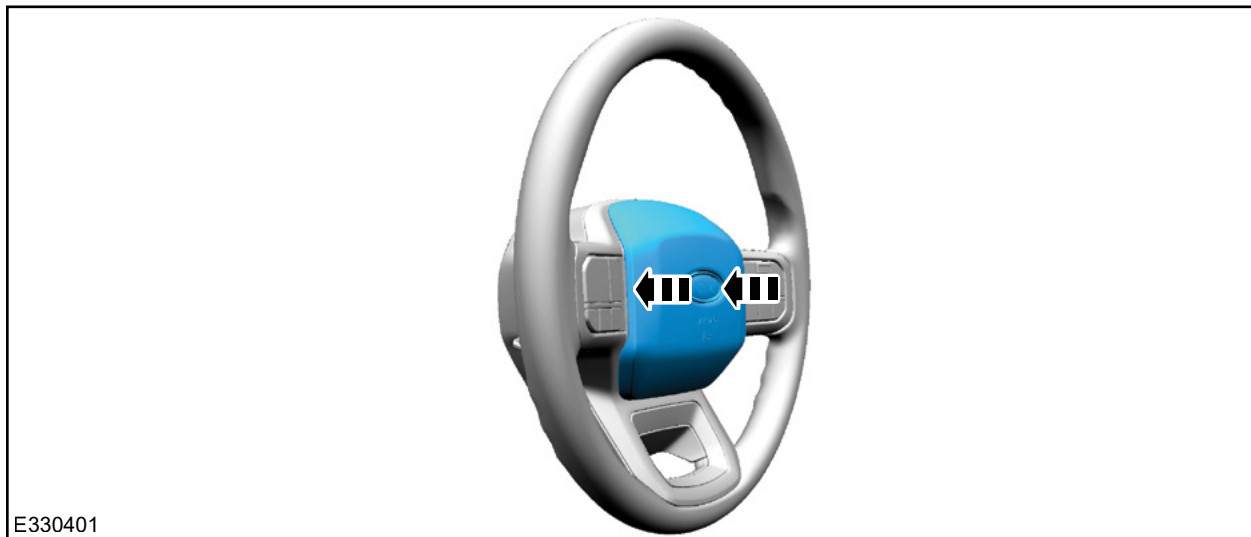


FIGURE 25



M-3600-F15C
2021-CMY F-150
Raptor Steering Wheel Kit

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS

4. Repower the SRS.

Supplemental Restraint System (SRS) Repowering

1. **⚠ WARNING: Incorrect repair techniques or actions can cause an accidental Supplemental Restraint System (SRS) deployment. Never compromise or depart from these instructions. Failure to precisely follow all instructions could result in serious personal injury from an accidental deployment.**

NOTE: The SRS must be fully operational and free of faults before releasing the vehicle to the customer.

No SRS Fault Present At Beginning of Repair

2. Prove out the SRS : Verify all airbags are installed and connected and the ignition is OFF. Wait 10 seconds then turn the ignition ON and monitor the airbag warning indicator. The airbag warning indicator illuminates continuously for approximately 6 seconds and turns off. Continue to monitor the airbag warning indicator for approximately 30 seconds as this is the time required for the RCM to complete testing of the SRS.
3.
 - If the airbag warning indicator either fails to light, remains lit continuously or flashes, an SRS fault is present. The flashing may not occur until approximately 30 seconds after the ignition has been turned from OFF to ON. If this occurs, diagnose and repair any SRS faults before proceeding.
 - If the airbag warning indicator is inoperative and a SRS fault exists, a chime sounds in a pattern of 5 sets of 5 beeps or a message displays in the message center. If this occurs, diagnose and repair the airbag warning indicator and any SRS faults before proceeding.
 - If after the ignition has been turned ON for 30 seconds the airbag warning indicator remains unlit with no chime or SRS message displayed in the message center, no SRS fault is present.

SRS Fault Present At Beginning of Repair

4. Verify the ignition is OFF.
5. Install the BCM fuses into the BJB . Refer to the owners manual for fuse and relay information.
6. Connect the battery.
7. Sit in the driver seat in an upright position. Make sure no objects are between you and any pyrotechnic device. Move the driver seat to the rearmost position to maintain the maximum possible distance from the driver airbag.
8. Prove out the SRS : Verify all airbags are installed and connected and the ignition is OFF. Wait 10 seconds, then turn the ignition ON and monitor the airbag warning indicator. The airbag warning indicator illuminates continuously for approximately 6 seconds and then turns off. Continue to monitor the airbag warning indicator for approximately 30 seconds, as this is the time required for the RCM to complete testing of the SRS.

Ford Factory Shop Manual purchase options www.motorcraftservice.com



M-3600-F15C
2021-CMY F-150
Raptor Steering Wheel Kit

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS

- 9.
- If the airbag warning indicator either fails to light, remains lit continuously or flashes, an SRS fault is present. The flashing may not occur until approximately 30 seconds after the ignition has been turned from OFF to ON. If this occurs, diagnose and repair any SRS faults before proceeding.
 - If the airbag warning indicator is inoperative and a SRS fault exists, a chime sounds in a pattern of 5 sets of 5 beeps or a message displays in the message center. If this occurs, diagnose and repair the airbag warning indicator and any SRS faults before proceeding.
 - If after the ignition has been turned ON for 30 seconds the airbag warning indicator remains unlit with no chime or SRS message displayed in the message center, no SRS fault is present.
10. Using a scan tool, clear all Continuous Memory Diagnostic Trouble Codes (CMDTCs) from all modules.