

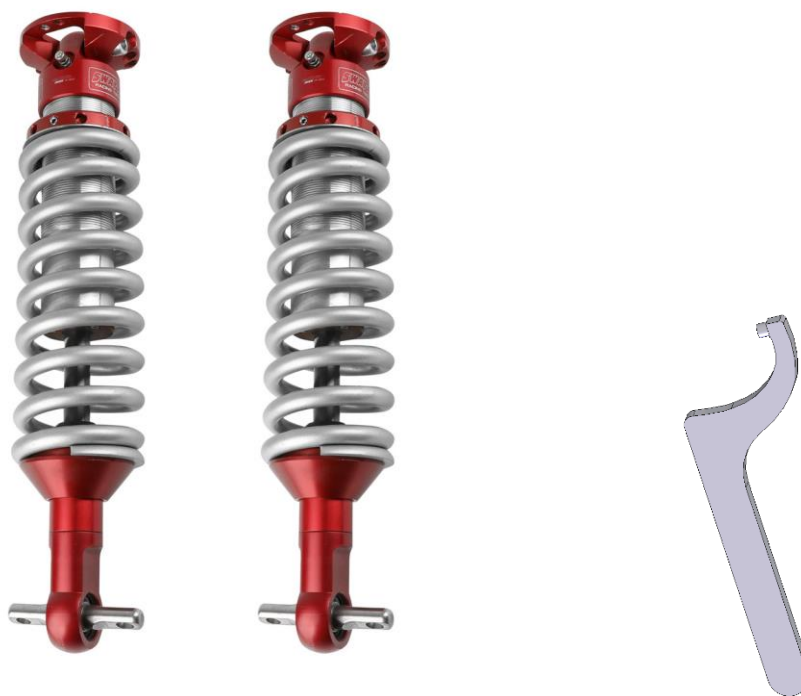


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2019-2021 Ford Ranger 2.5" Front Coilover Kit Installation

Parts List:

- 2 Sway-A-Way Coilovers
- 1 Spanner Wrench

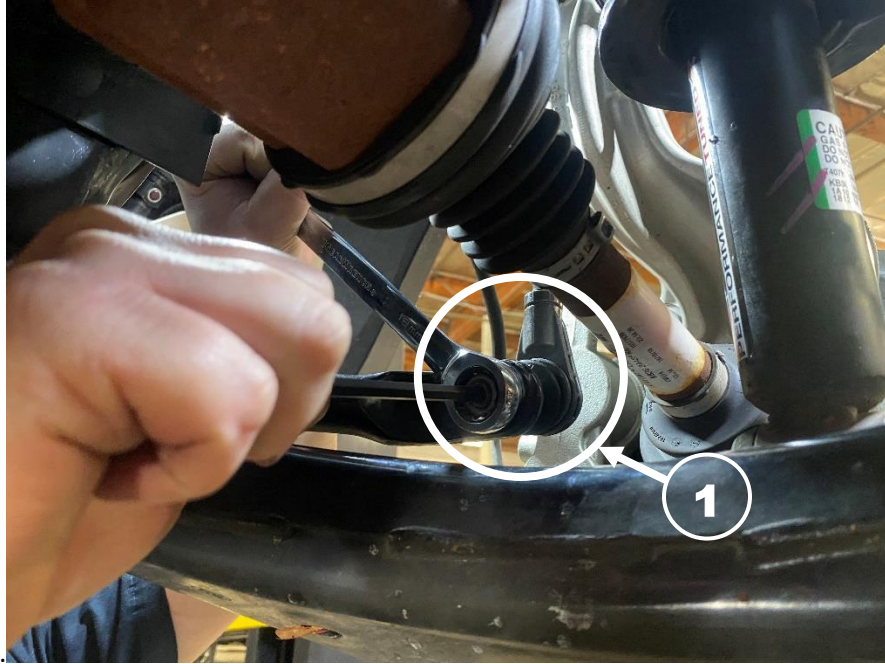


Tool List

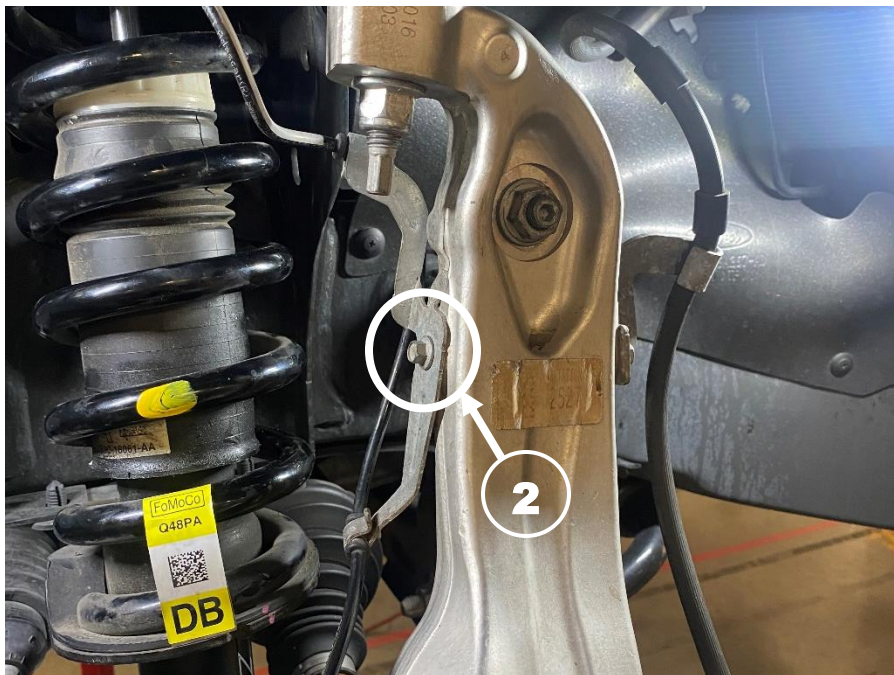
- 8mm, 10mm, 14mm, 15mm, 16mm, and 18mm sockets
- 6mm allen
- 15mm and 18mm open end wrench
- Jack and jack stands
- Impact wrench (optional)
- Safety glasses

Removal and Installation Procedure for Ford Ranger Front (Shocks are already charged with 200 PSI of Nitrogen)

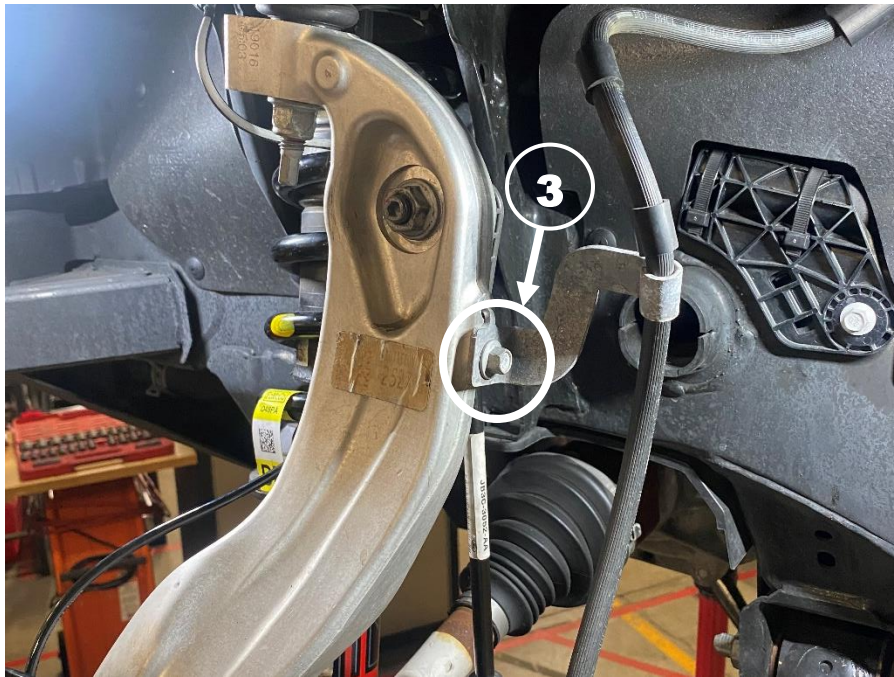
1. Raise the vehicle with a 2-post lift (preferable), or floor jack. If using a floor jack, place jack stands in the factory designated jack points.
2. Using a 19mm socket remove the wheel lug bolts and remove the front wheels from the driver and passenger side.
3. Using a 6mm allen key and 18mm wrench, remove the end link from the sway bar on the driver and passenger side of the vehicle ①.



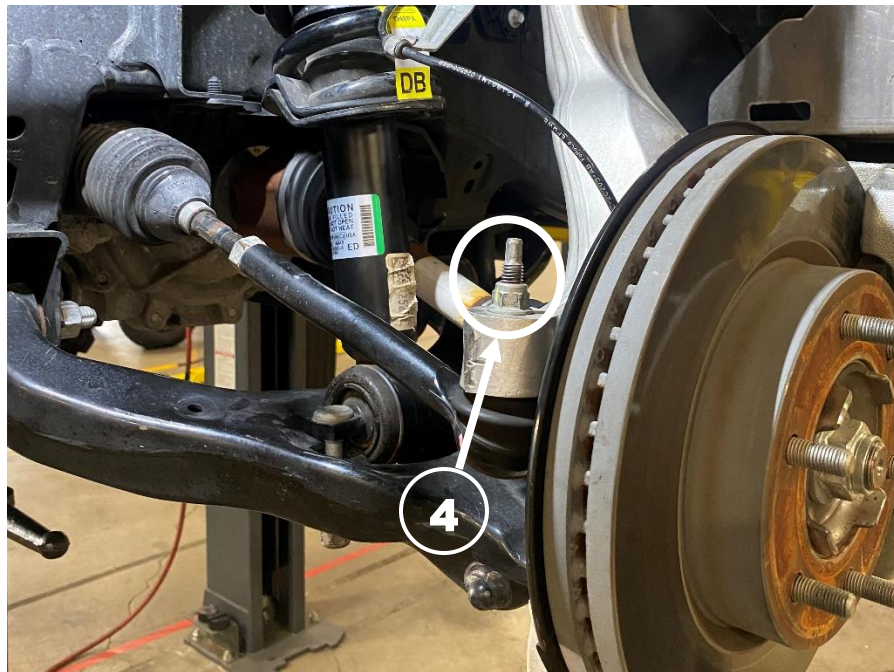
4. Using an 8mm socket, remove the wheel speed sensor bracket from the spindle ②.



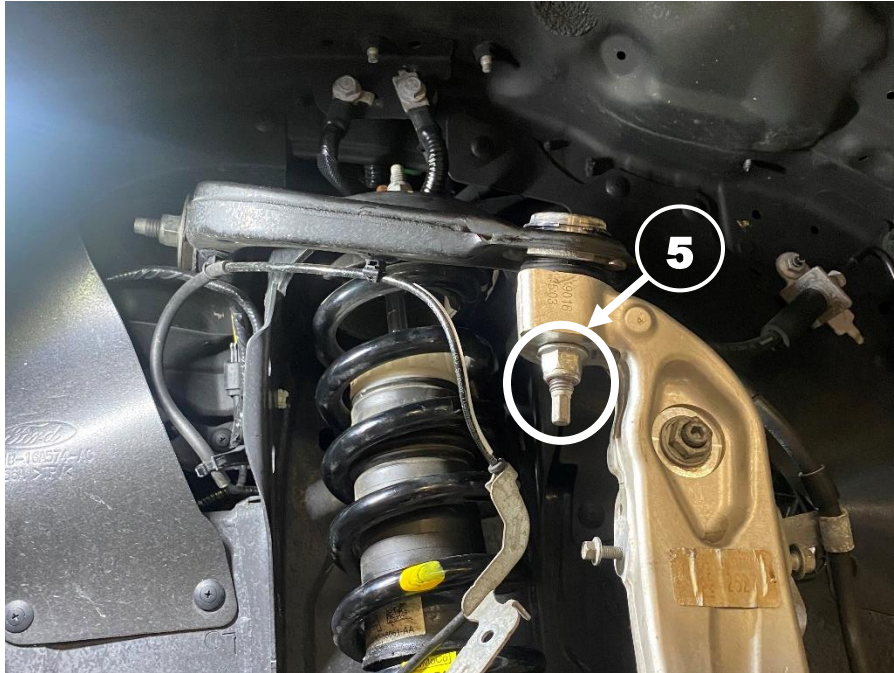
5. Using a 10mm socket, remove the brake line bracket from the spindle ③.



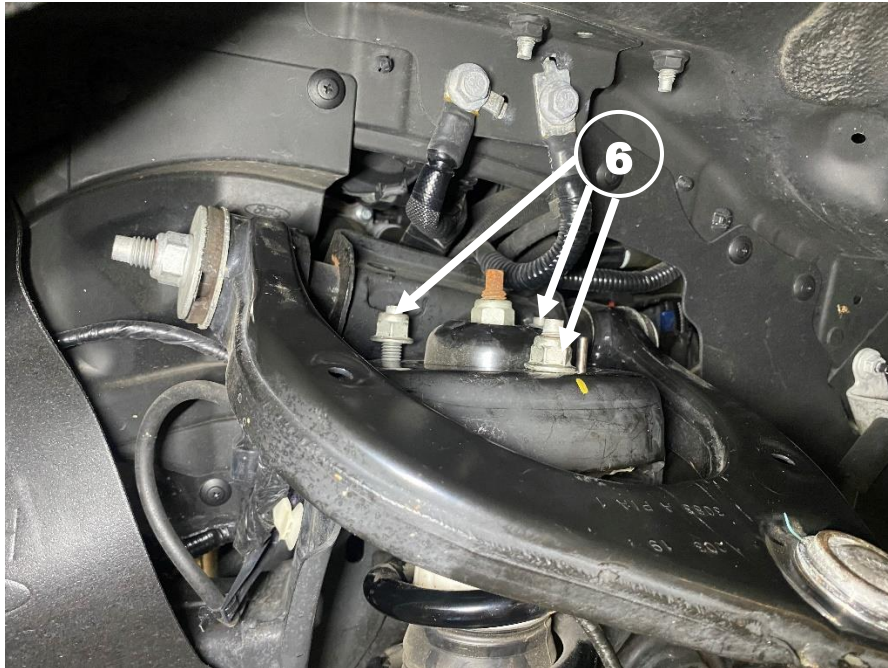
6. Using a 15mm socket, remove the tie rod from the spindle ④.



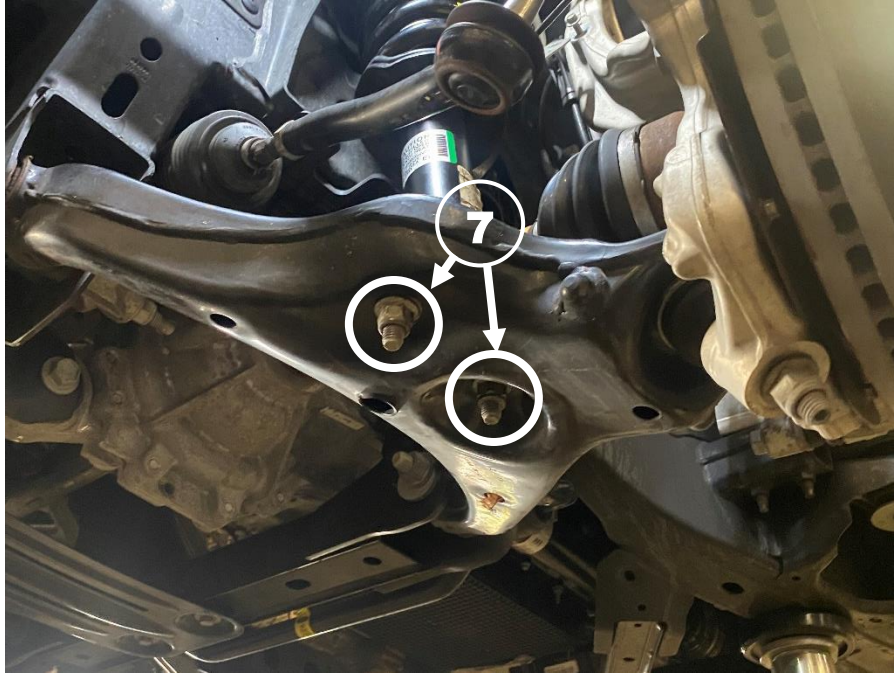
7. Using an 18mm wrench, loosen the ball joint on the upper control arm and separate from the spindle ⑤.



8. Using a 14mm socket, loosen the upper strut mount bolts ⑥ but do not remove.

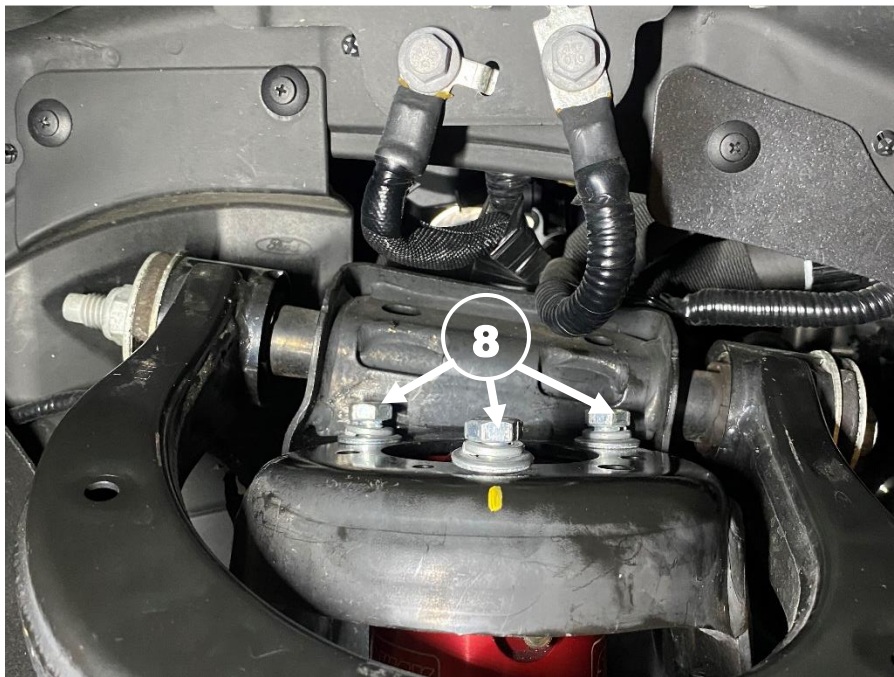


9. Using a 18mm socket, remove the lower strut mount bolts (7).

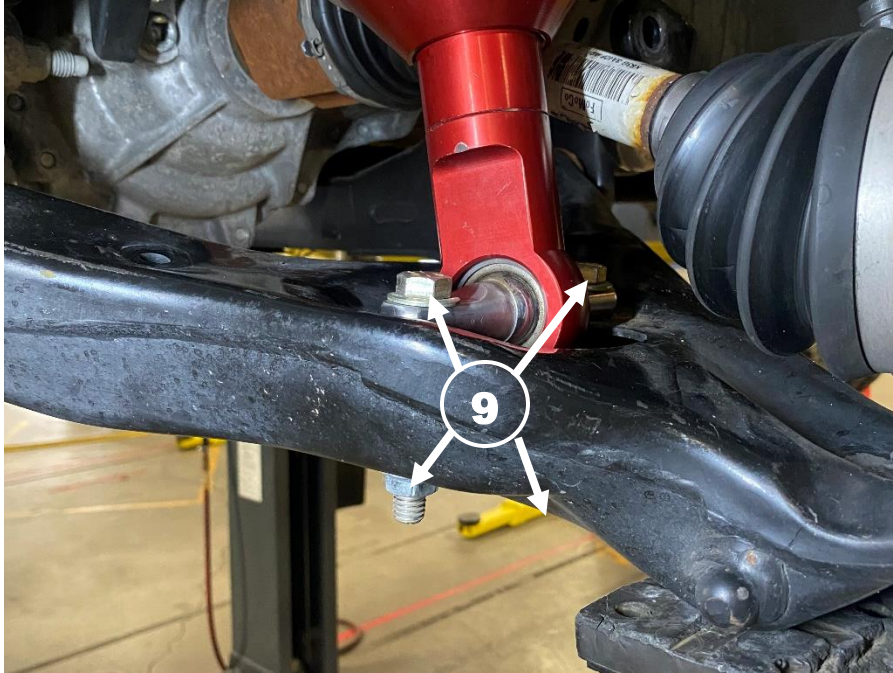


10. Remove the bolts loosened in step 6 and remove the strut assembly from the vehicle.

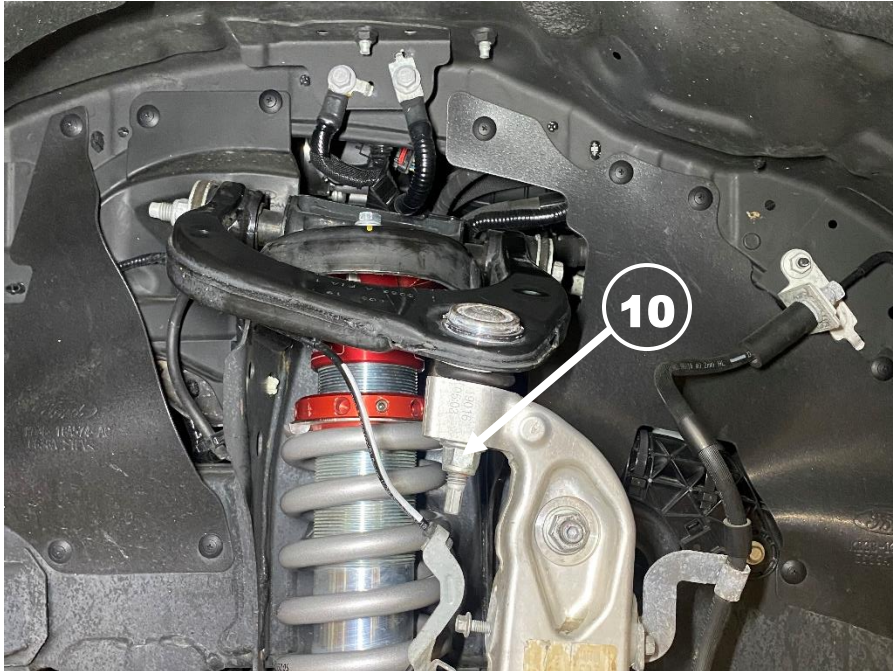
11. Install the Sway-A-Way coilover by installing the upper strut mount bolts (8), using a 14mm socket.



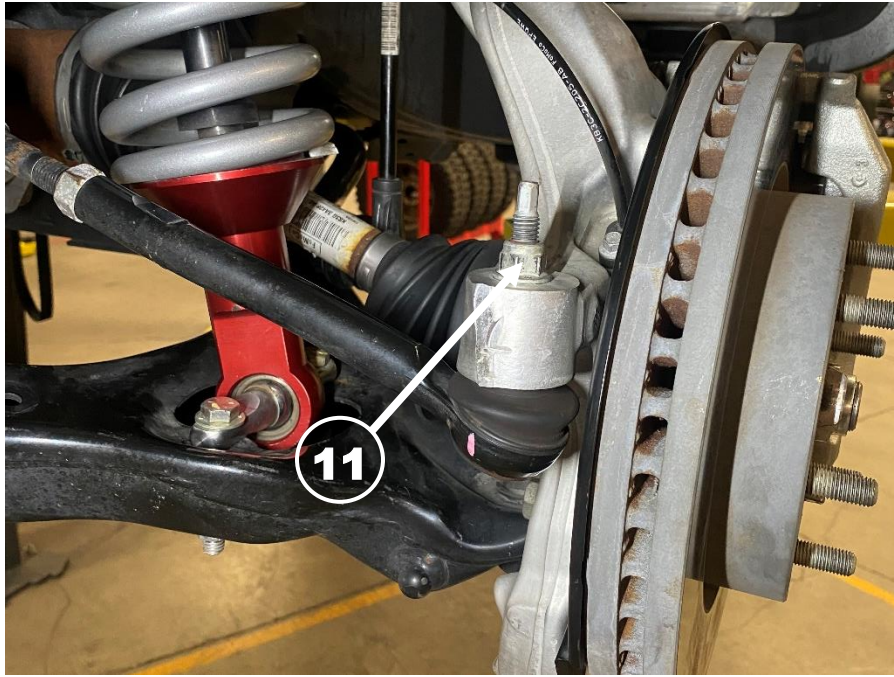
12. Using an 16mm and 18mm socket, install the provided lower strut mount bolts and nuts ⑨.



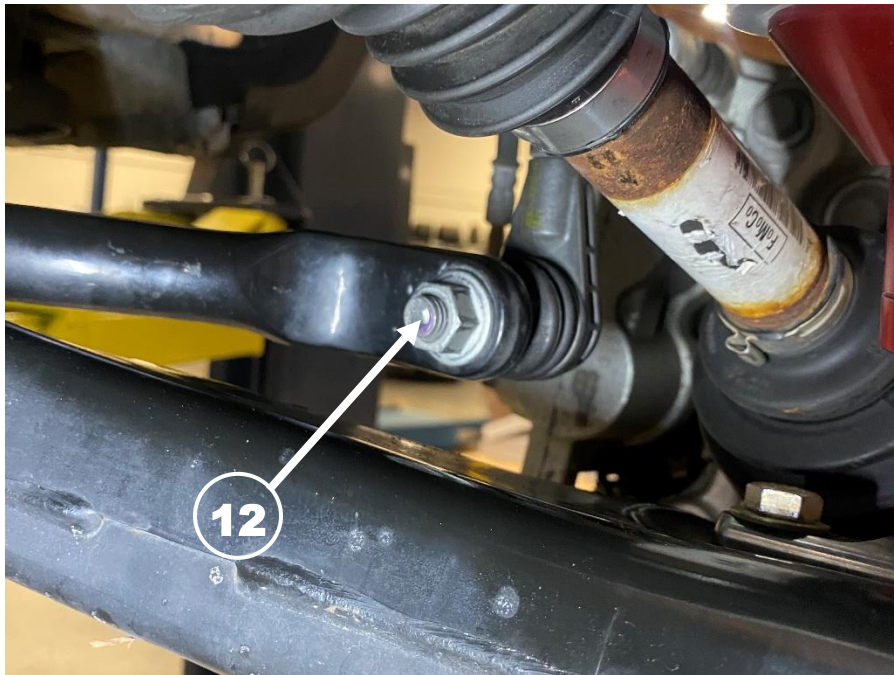
13. Using an 18mm wrench, connect the upper ball joint to the spindle and re-install the nut ⑩ removed in step 7.



14. Using a 15mm socket, reconnect the tie rod to the spindle and re-install the nut ⑪ removed in step 6.

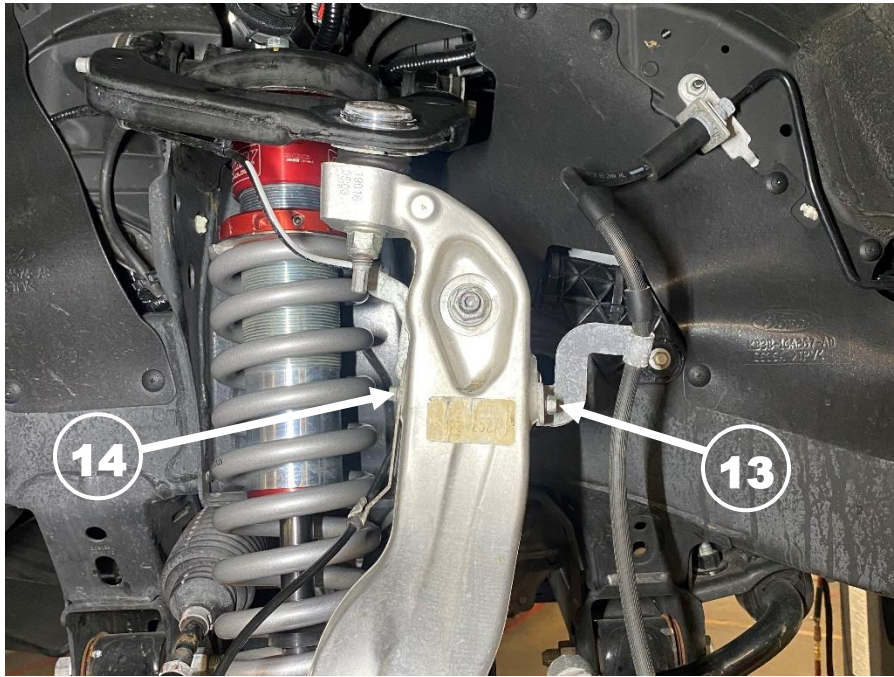


15. Using a 6mm allen wrench and 18mm socket, re-install the sway bar end link ⑫ removed in step 1.



16. Using a 10mm socket, re-install the brake line bracket (13) removed in step 5.

17. Using an 8mm socket, re-install the wheel speed sensor bracket (14) removed in step 4.



***NOTE: After the first 20 hours or 500 miles (whichever comes first), make sure to check all bolts and re-tighten to factory specs.

After you have finished installing your suspension kit, you must have the front end aligned.