



2002-2010 2-inch lift kit installation guide

Professional installation recommended

IMPORTANT!

Lifting and modifying the suspension on your vehicle may result in drive line vibrations, damaged bushings, erratic handling characteristics, and shortened suspension component life. HRG Offroad recommends the following:

- Checking and/or replacing worn drive axles with new parts, not remanufactured.
- Checking and/or replacing all worn factory rubber bushings with urethane bushings, such as Prothane.
- Checking and/or replacing worn shock absorbers and bump stops.
- Performing a 4 wheel alignment after working on suspension components.

Lift kits may not be legal for use on public highways in your area. Please check local laws before installing!!

WARNING!

Lifted vehicles are more prone to rolling over.

Some HRG Offroad products are designed to improve off-road capabilities. Modifying the suspension of your vehicle may result in handling characteristics that are different from a factory equipped vehicle. Extreme care must be used to prevent a rollover or loss of control. Always operate your modified vehicle at a reduced speed to ensure your ability to maintain control under all driving conditions. Driving your vehicle in an unsafe manner may result in serious injury or death. HRG Offroad lift kits are designed and tested to work together. HRG Offroad does not recommend combining this lift kit with any other type of suspension or body lift. Always wear your seat belt.

Recommended tire/wheel sizes:

255/65/17 (30.0")

265/65/17 (30.5")

265/70/17 (31.5")

255/60/18 (30.0")

265/60/18 (30.5")

265/65/18 (31.5")

265/55/19 (30.5")

265/60/19 (31.5")

Be sure to check fitment prior to installation! These sizes are only suggestions. HRG is not responsible for improperly fitted wheels/tires.

Included in the kit:

2 1.5" front lift spacers 5610

8 M8x100 bolts (front lift spacers)

8 M8 nuts (front lift spacers)

2 1.5" rear lift spacers
8 M8 nuts (rear lift spacers)

Tools required:

Floor Jack or lift, lug wrench, metric socket set to 24mm, swivel socket set to 18mm, socket extensions, metric wrench set to 24mm, panel removal tool, pry bar, torque wrench and heavy hammer.

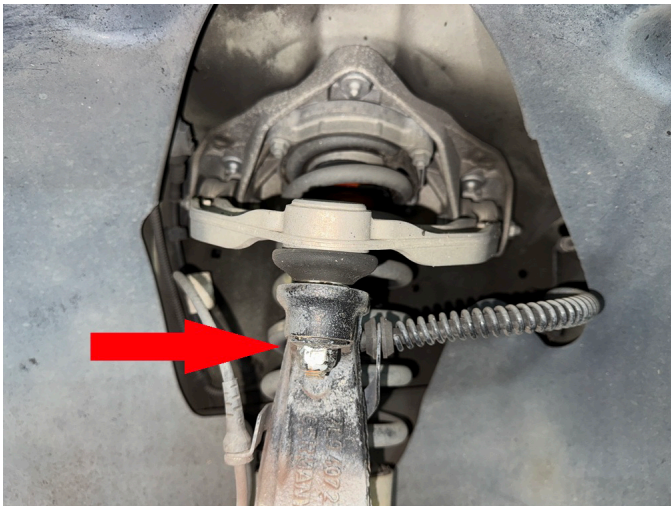
Approximate installation time 6-7 hours

Skill level: Moderate

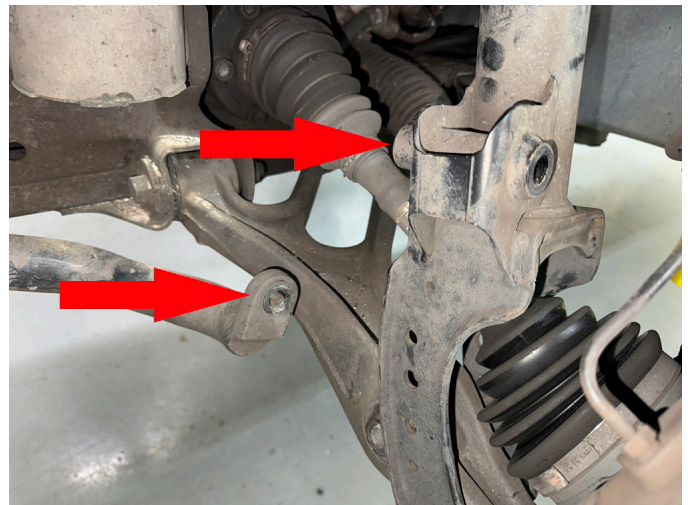
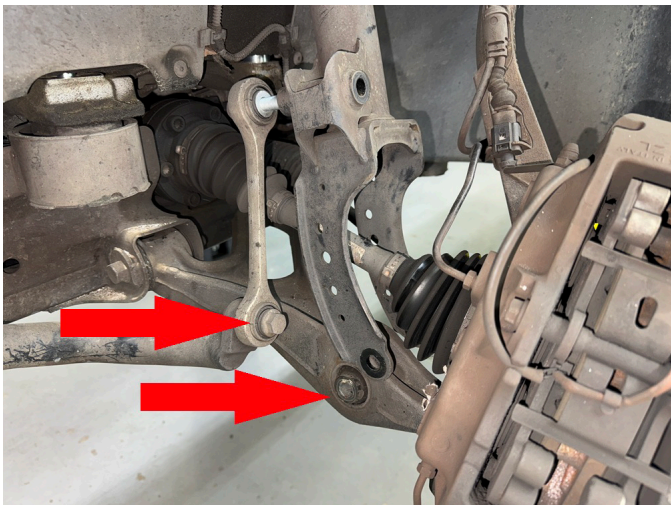
Front installation

Step 1. Lift vehicle and support with jack stands.

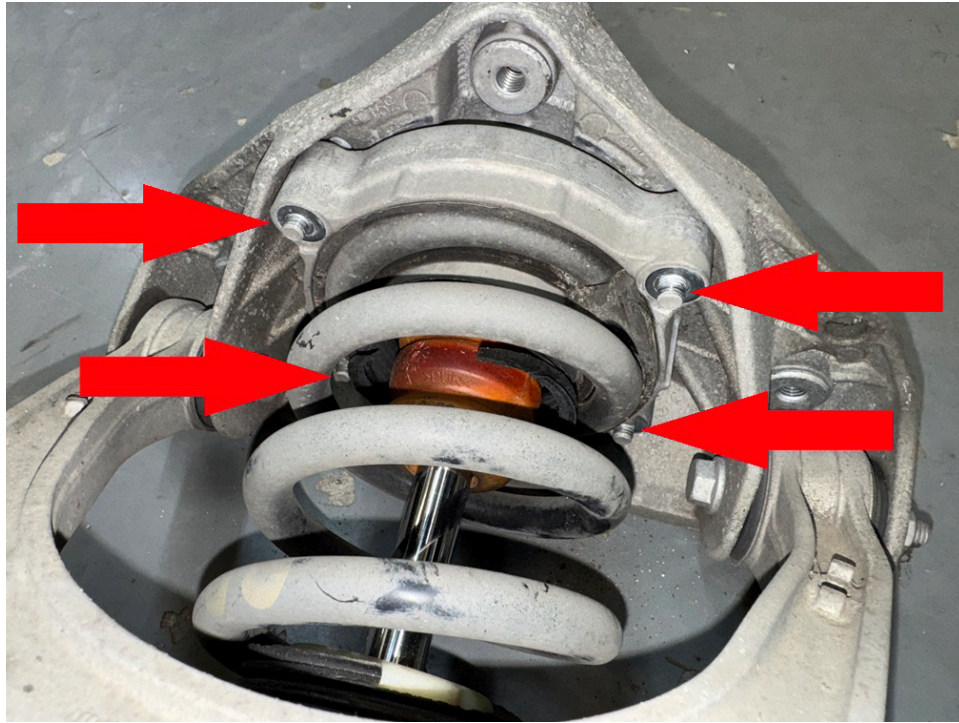
Step 2. Loosen driver side front upper ball joint nut and strike steering knuckle with a heavy hammer to dislodge ball joint.



Step 3. Remove bolts holding sway bar end link and strut fork to lower control arm. (see photo)



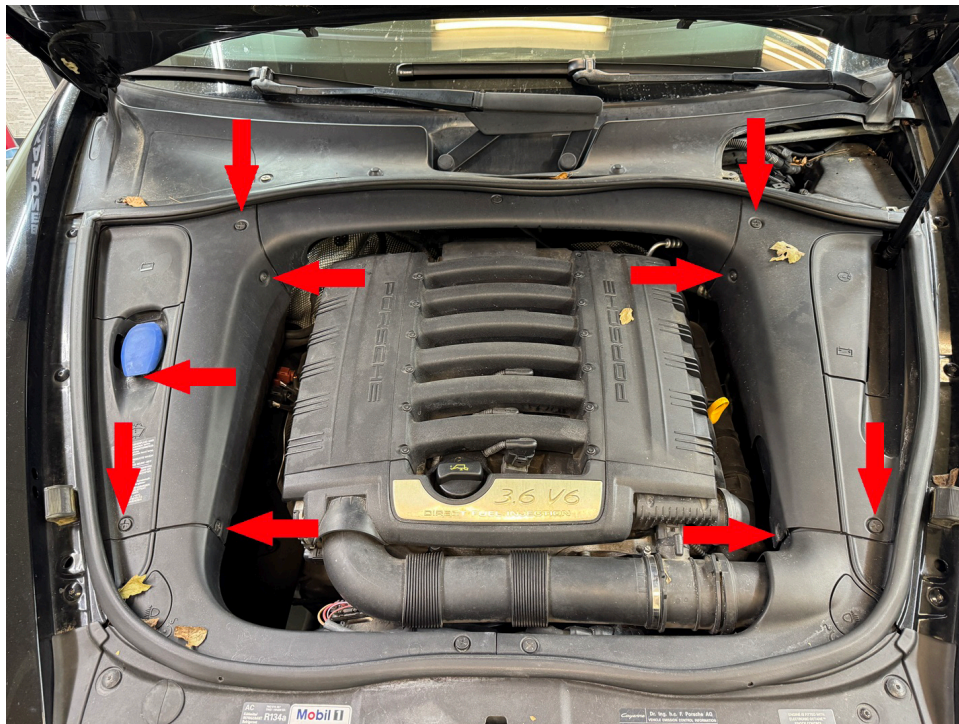
Step 4. Remove 4 nuts holding front strut to strut mount.



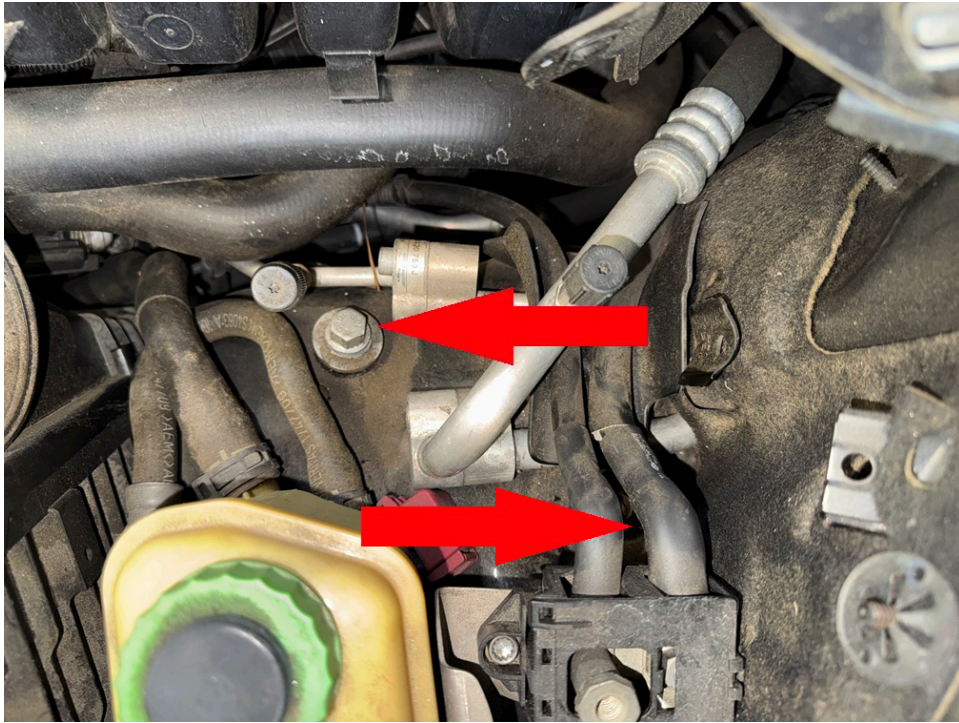
Step 5. Remove strut. Take care not to damage ABS wiring!

Step 6. Repeat process on passenger side.

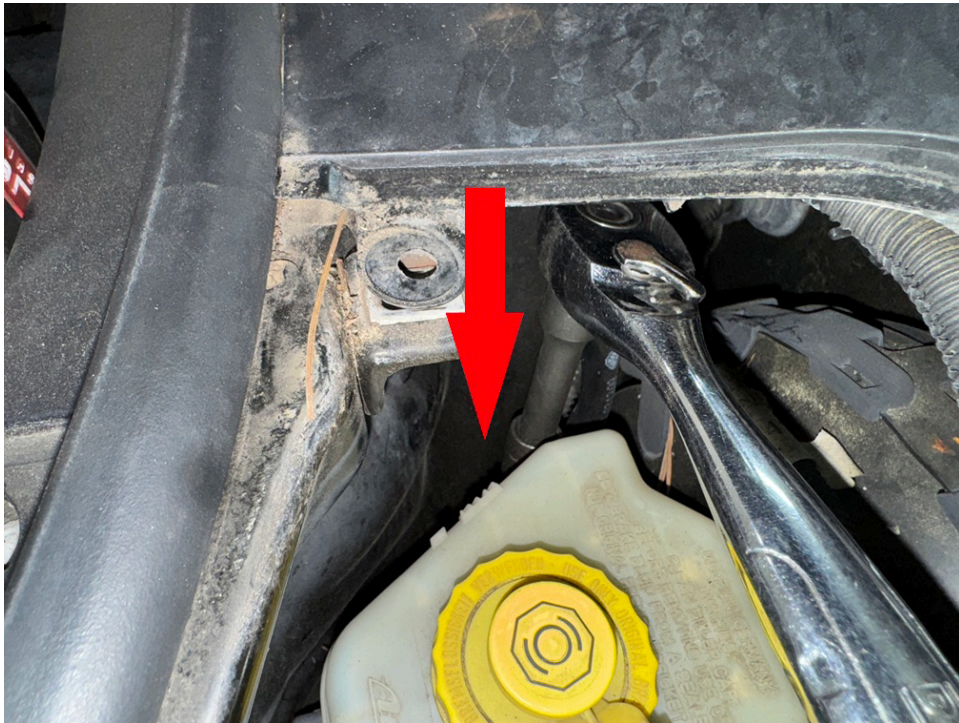
Step 7. Remove engine bay trim panels as shown.



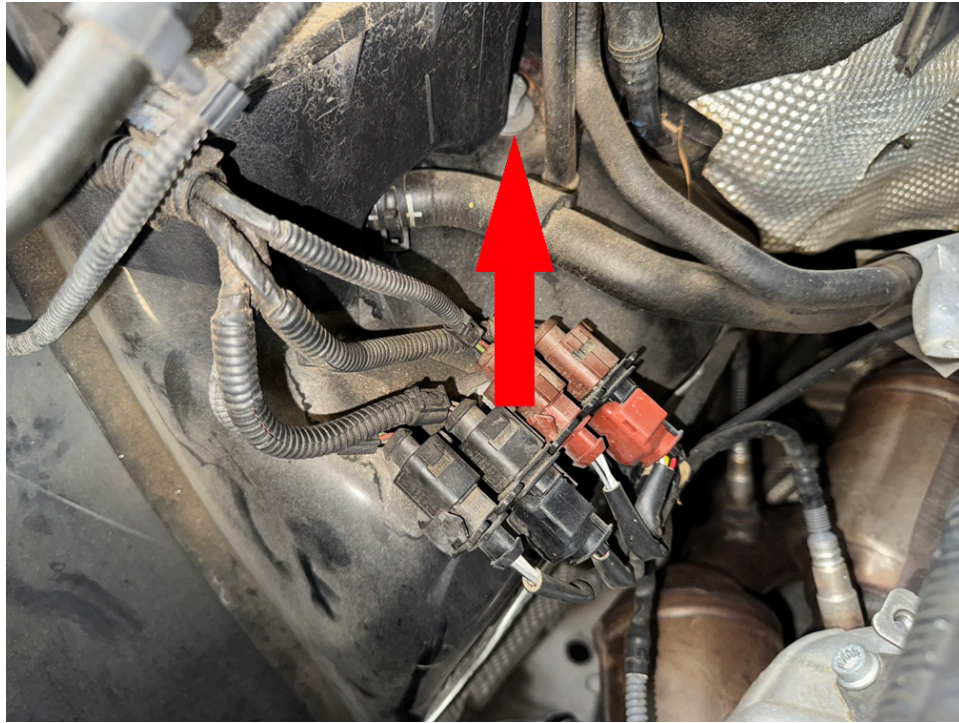
Step 8. Remove 2 bolts on fender well holding driver side front strut mount (see photos)



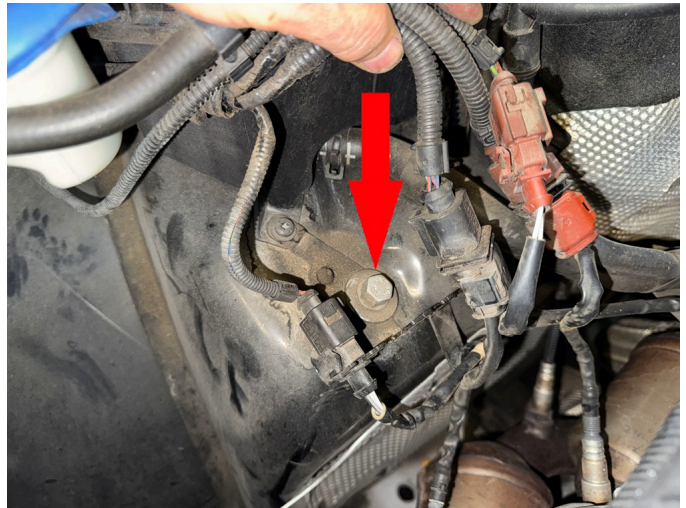
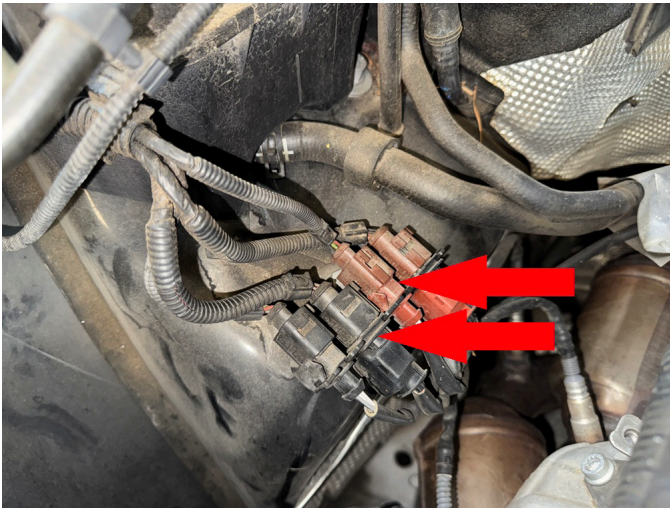
Step 9. Locate and remove strut mount bolt under cowl cover, remove driver side strut mount. (see photo)



Step 10. Remove bolt on fender well holding passenger side front strut mount. (see photo)



Step 11. Remove passenger side wiring harness connectors from mounting bracket to access bolt (see photo)



Step 12. Lift up cowl cover on passenger side. Locate and remove hidden front strut mounting bolt, remove passenger side strut mount (see photo)

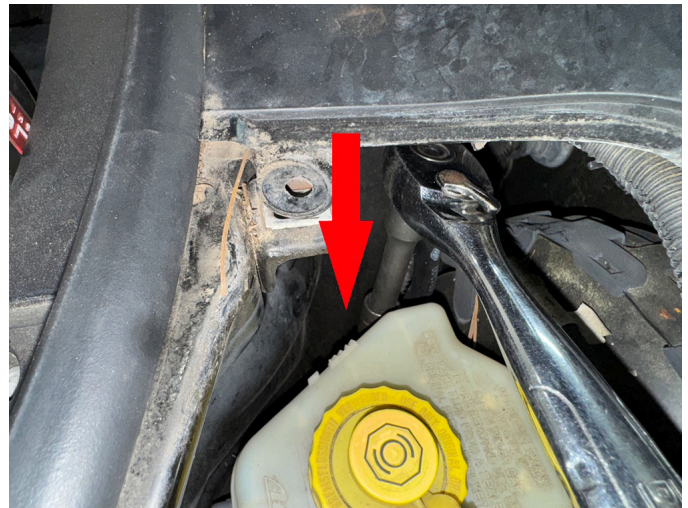
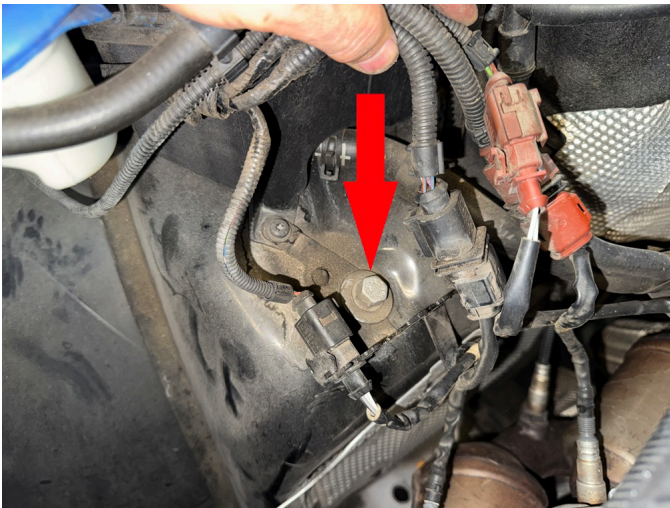


TIP: Leave these bolts in place.

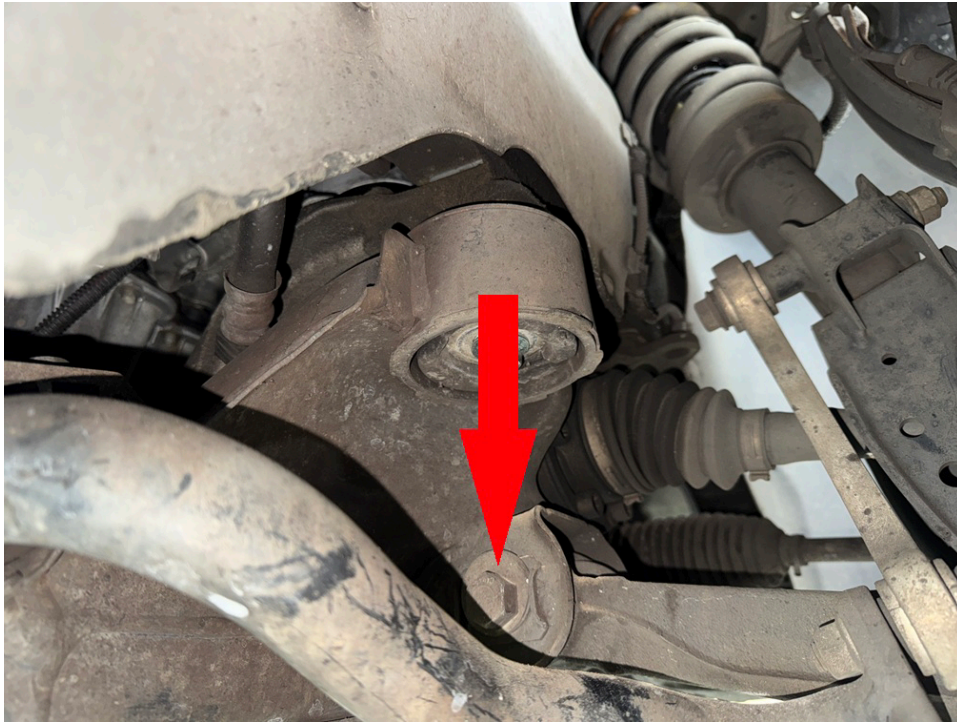
Step 13. Using a heavy hammer, carefully tap strut mounting studs out of strut mount.

Step 14. Install lift spacer between strut and strut mount using hardware included in the kit. Torque bolts to 35 ft-lb

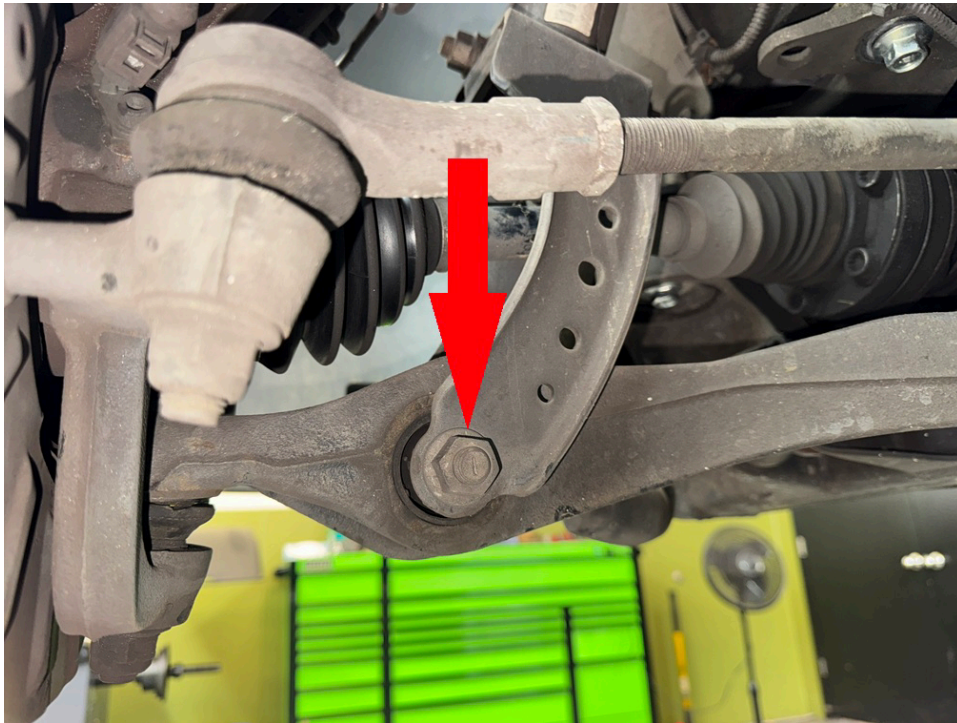
Step 15. Reinstall front strut mounts. Torque bolts to 50 ft-lb



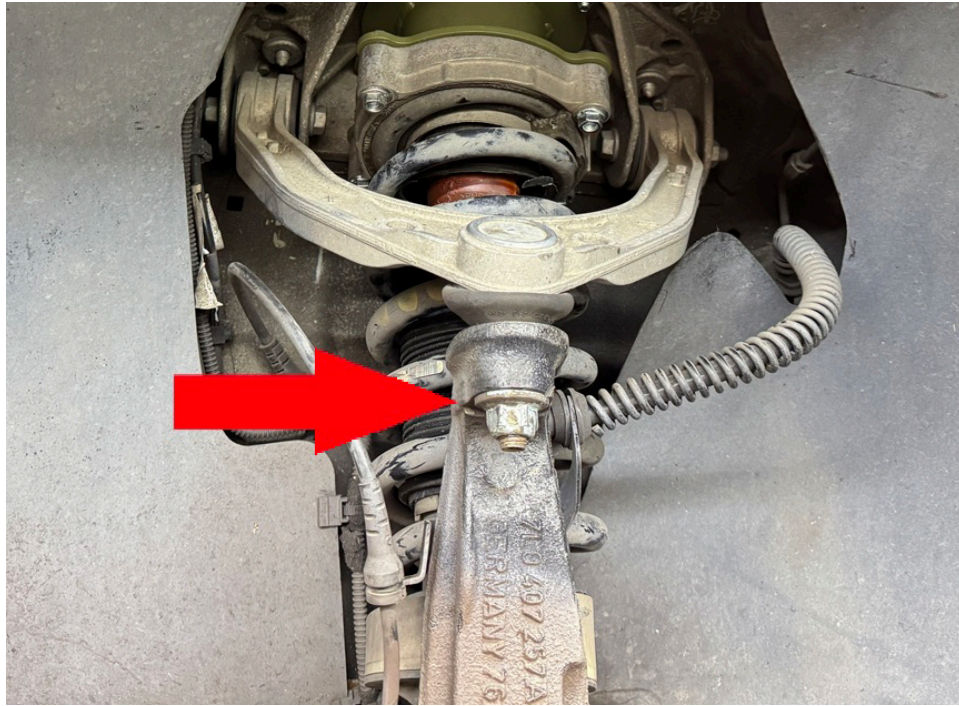
Step 16. Loosen lower control arm bolts to allow lower control arm to drop down.



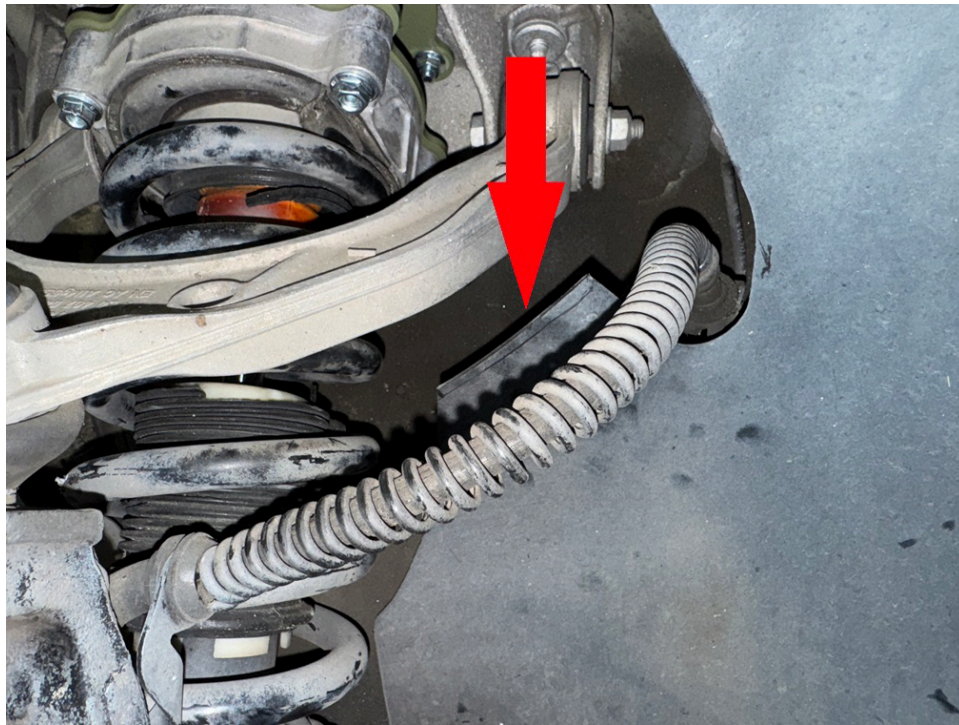
Step 17. Pull lower control arm downward to line up strut fork bolt. Reinstall bolt, torque to 110 ft-lb



Step 18. Using a floor jack or screw jack, compress suspension to allow upper ball joint to line up with steering knuckle. Torque ball joint nut to 70 ft-lb.

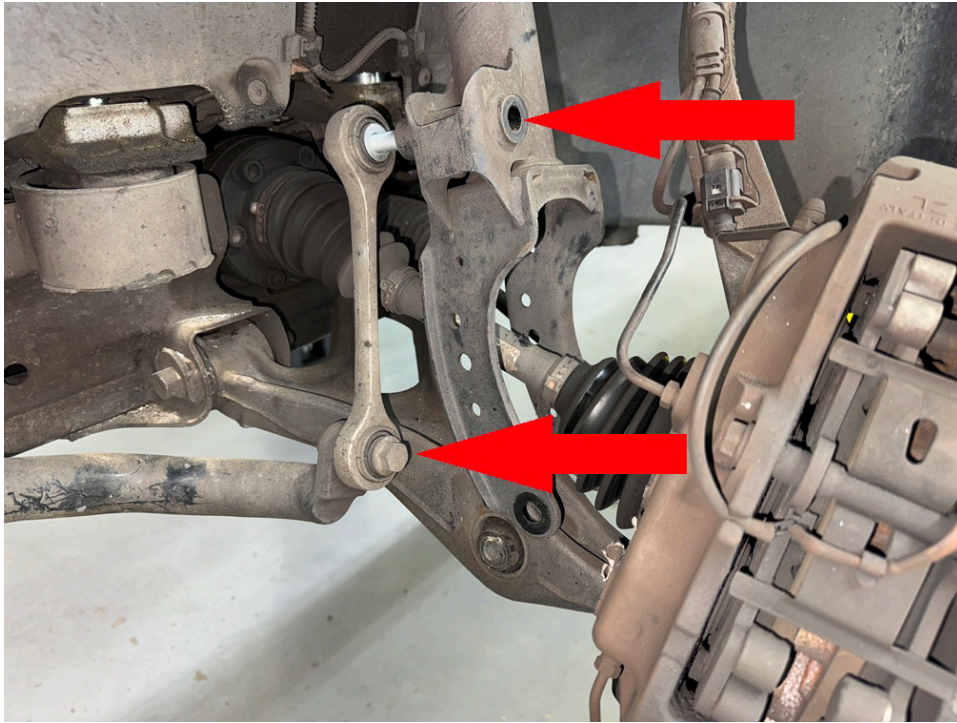


Step 19. Trim plastic liner to prevent contact with control arm.



Step 20. Repeat installation process for passenger side.

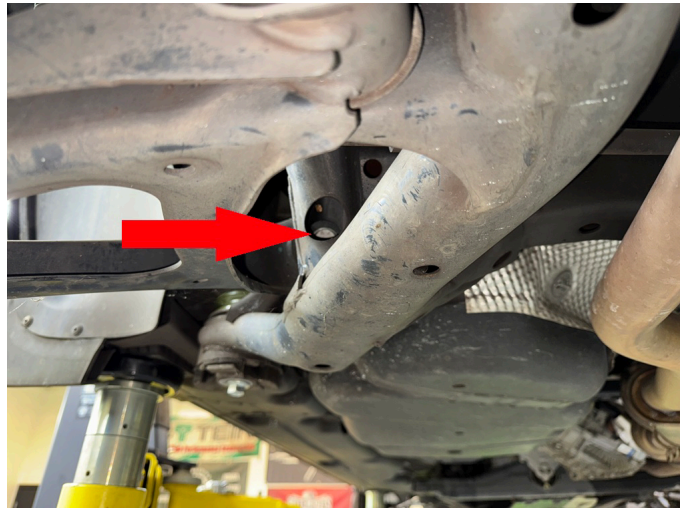
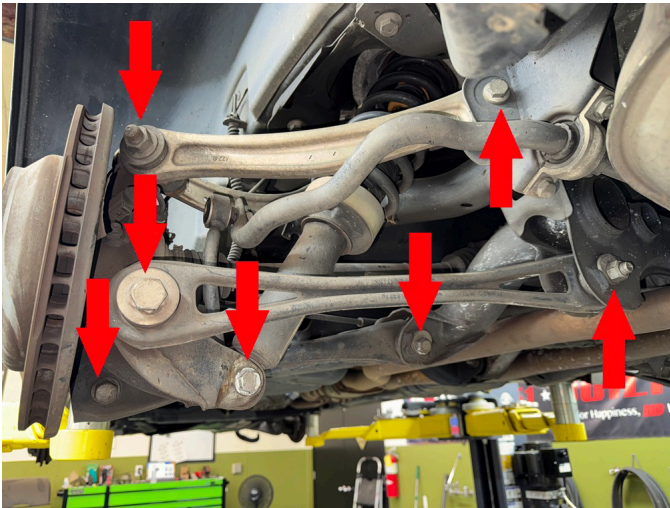
Step 21. Reconnect sway bar end links. Torque bolts to 70 ft-lb



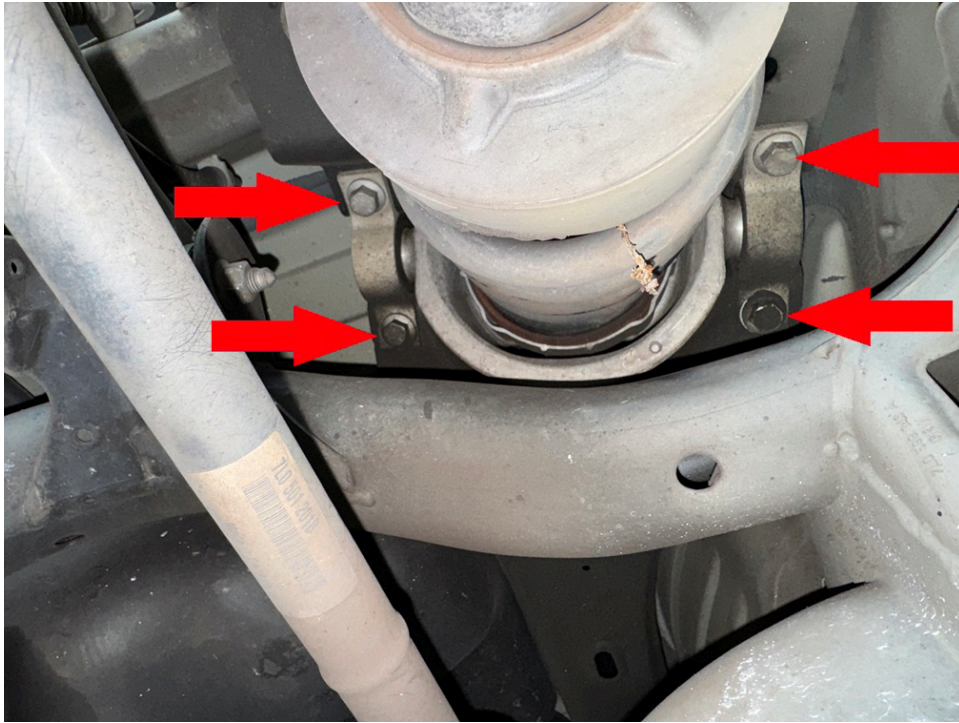
Rear Installation

Step 1. Support rear subframe with screw jack or floor jack.

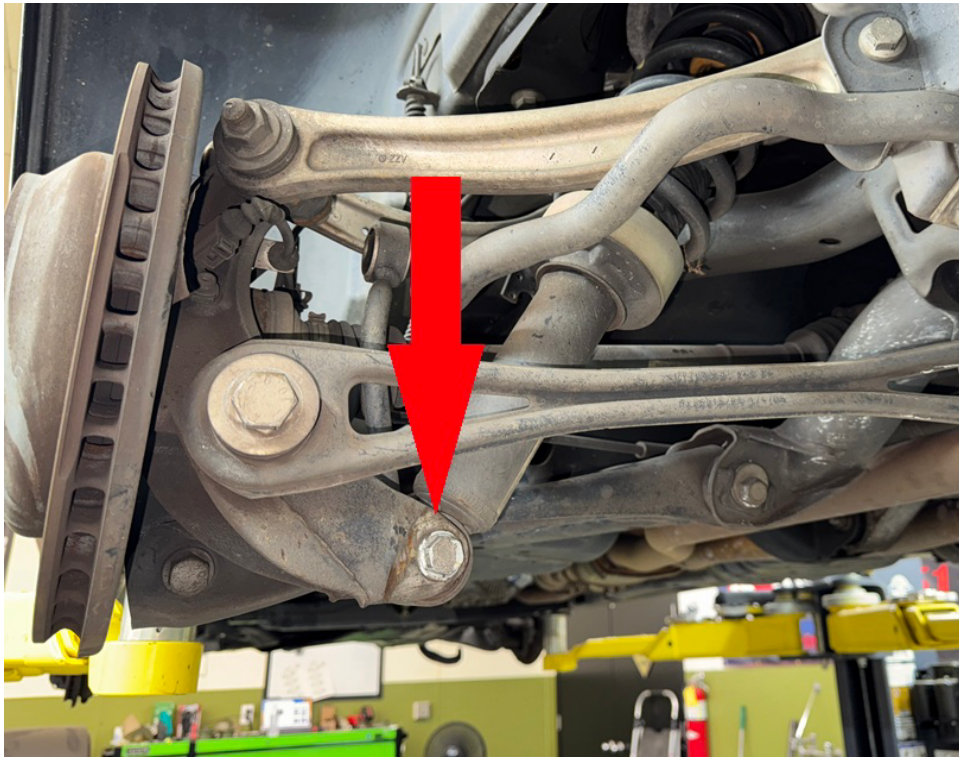
Step 2. Loosen ALL bolts in driver side rear suspension.



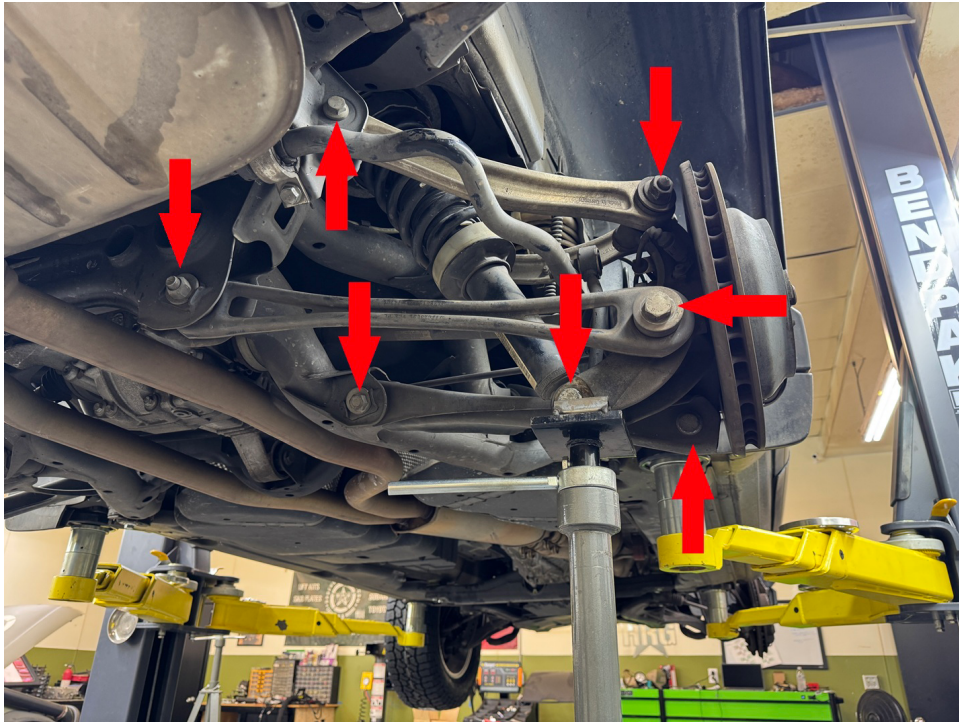
Step 3. Remove 4 bolts holding driver side strut to body.



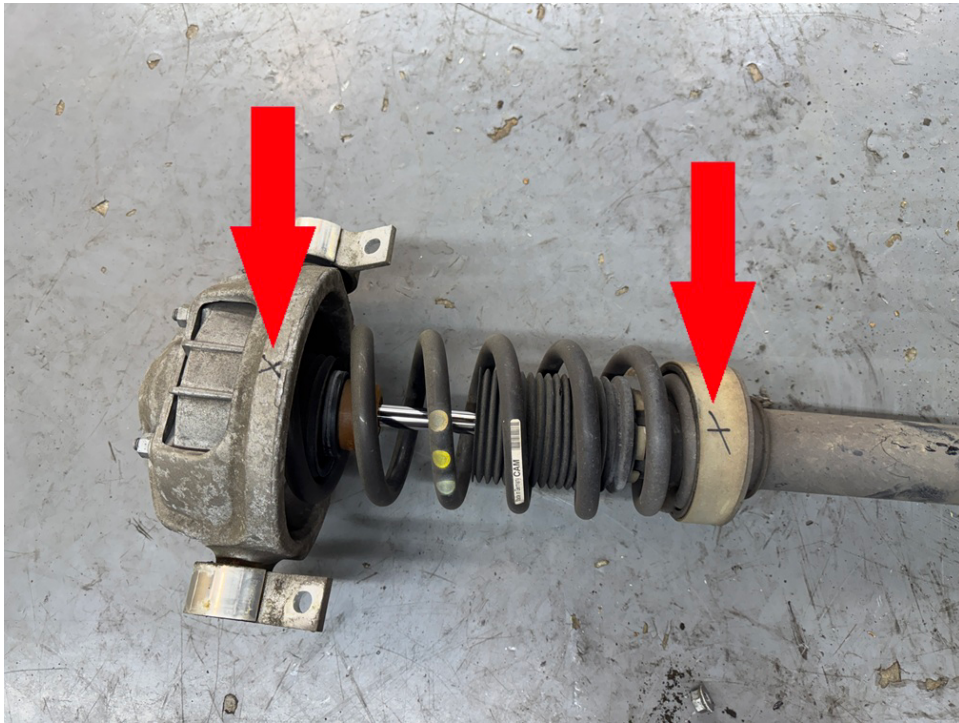
Step 4. Remove lower strut bolt, remove strut.



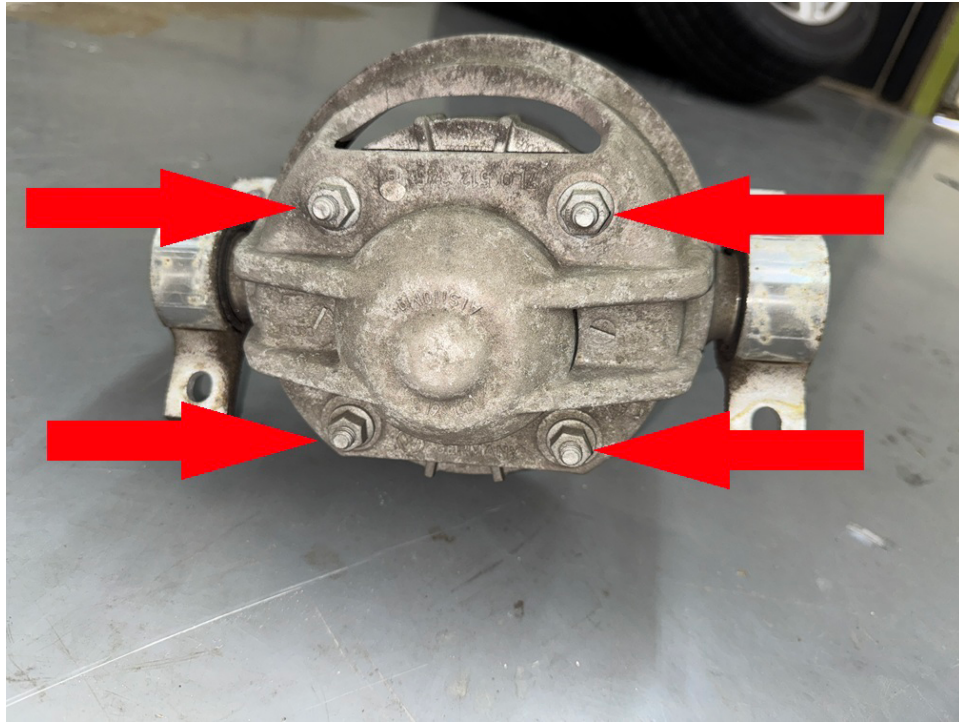
Step 5. Repeat strut removal process on passenger side.



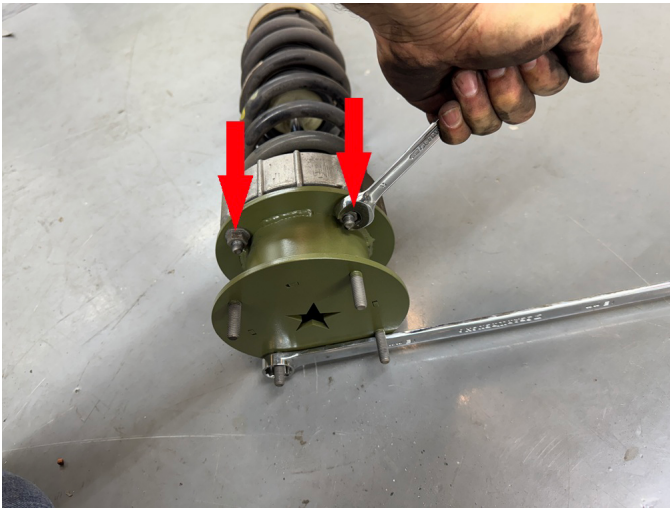
Step 6. Mark orientation of strut and strut mount to ensure they go back together in the same direction.



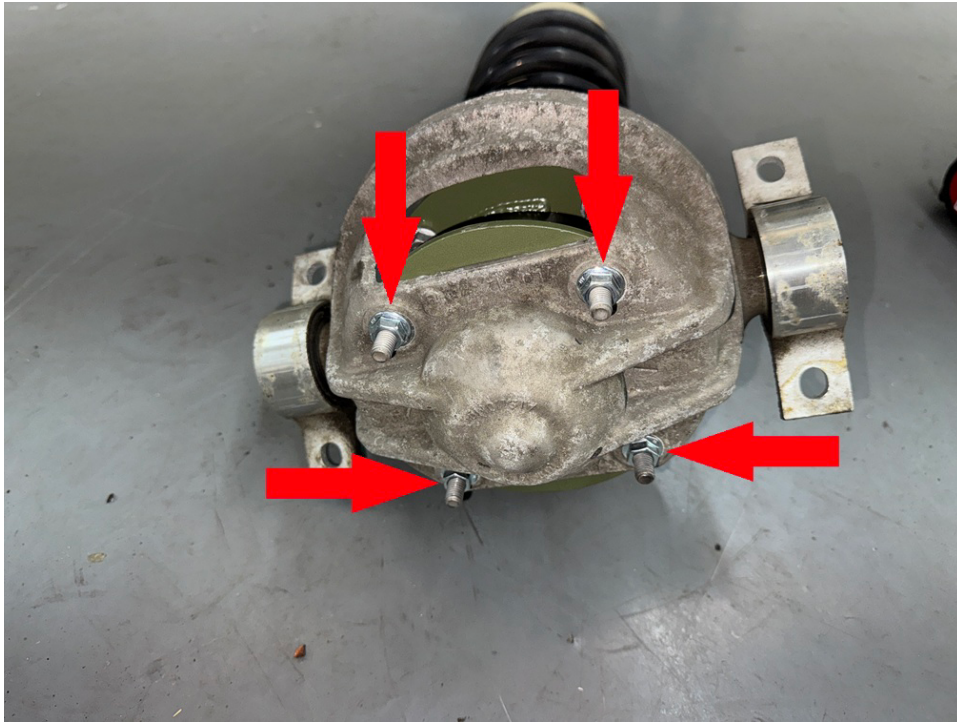
Step 7. Remove strut from strut mount.



Step 8. Attach lift spacer to strut using OEM hardware.



Step 9. Attach strut/spacer to strut mount using hardware provided in the kit.

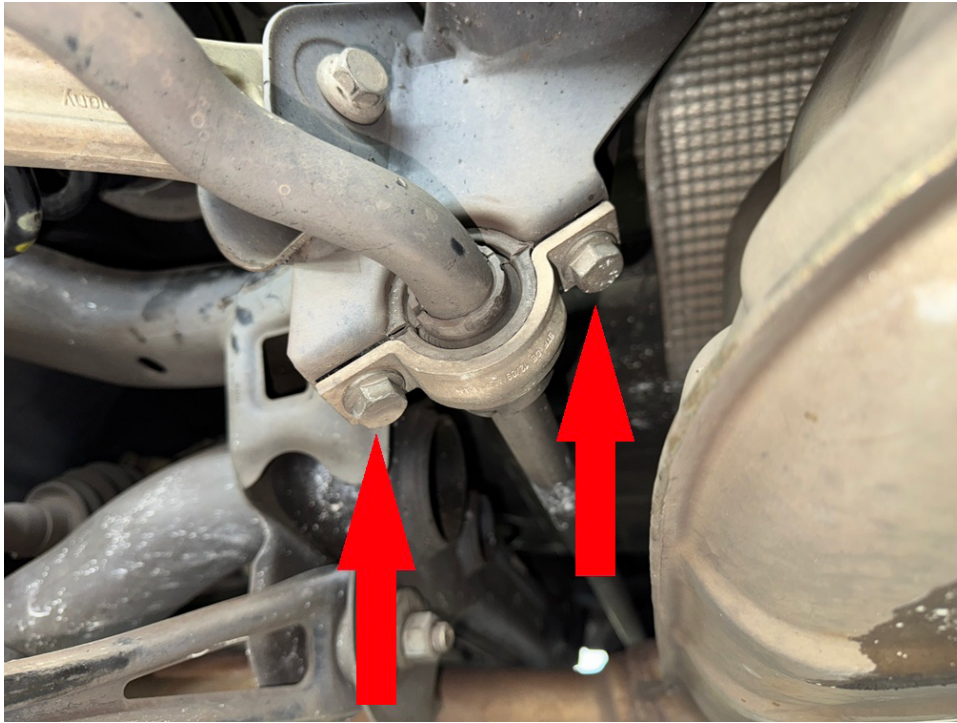


Step 10. Reinstall strut/spacer into vehicle using OEM hardware.

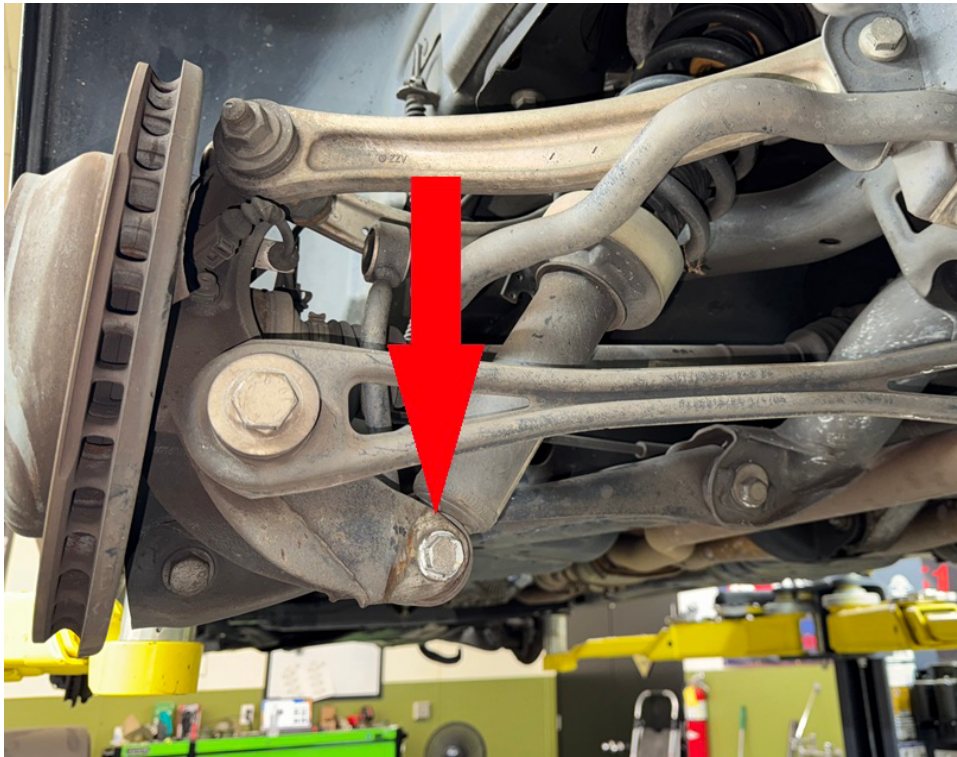


Step 11. Repeat installation process on passenger side.

Step 12. Loosen bolts holding sway bar to allow it to move freely.

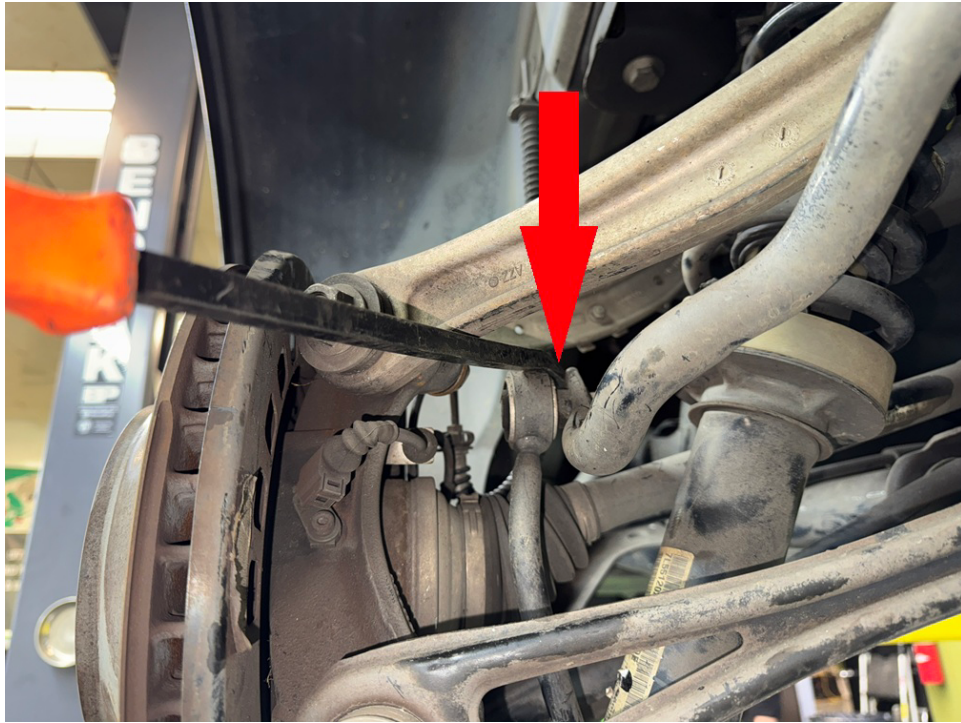


Step 13. Using a large pry bar, force rear suspension downward to allow lower strut bolt to line up.



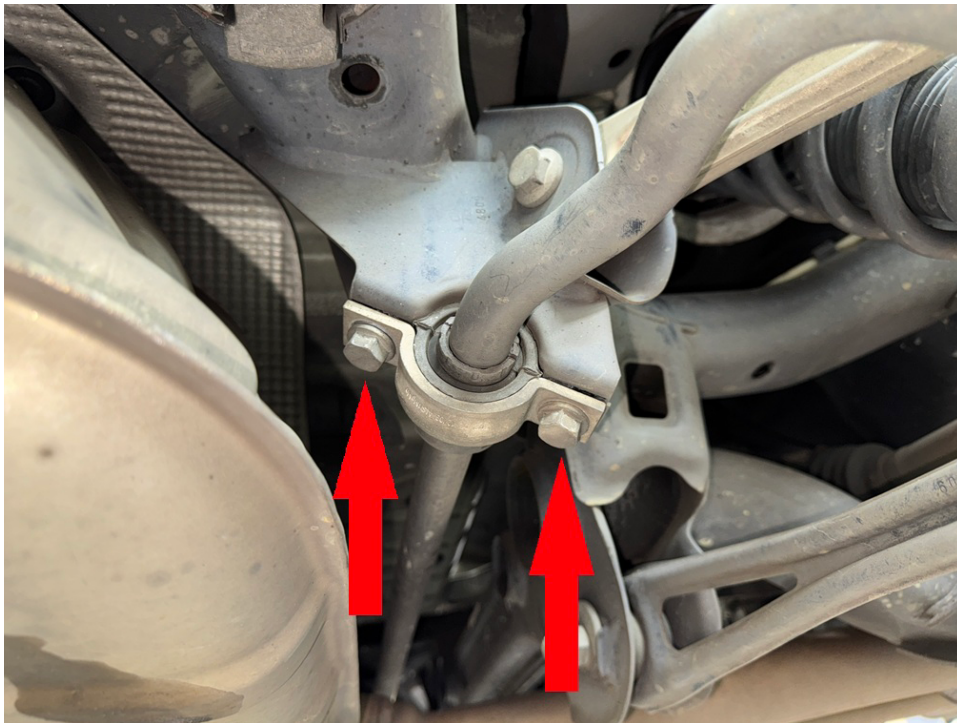
NOTE: if rear suspension does not want to move, double check that ALL bolts have been loosened!

Step 14. Using a large pry bar, force sway bar downward to align bolt.



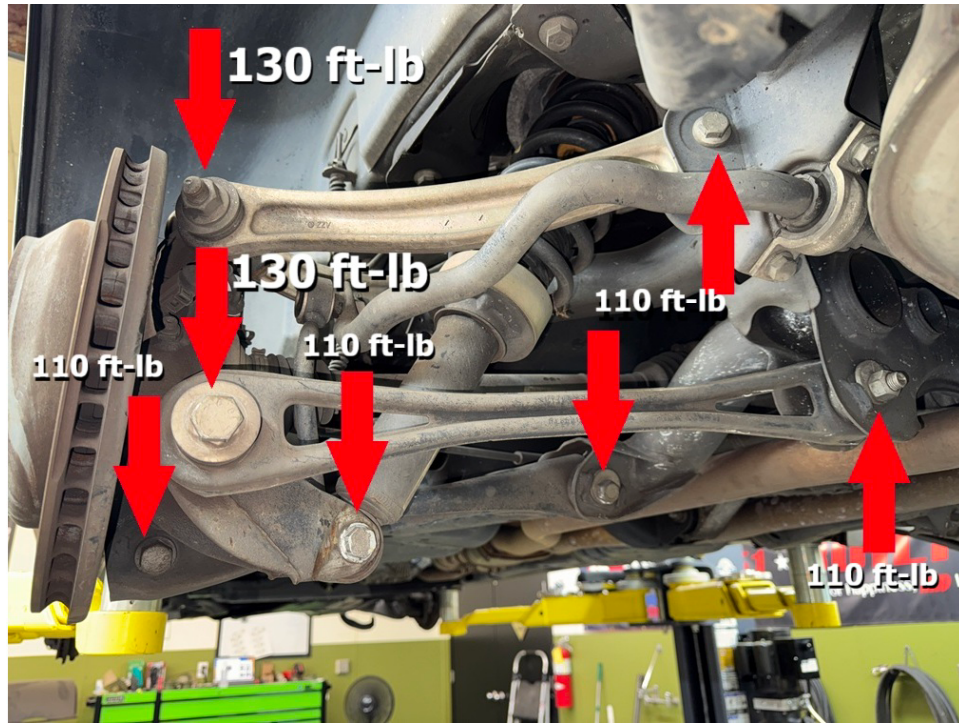
Step 15. Repeat process on passenger side.

Step 16. Tighten sway bar mounting bolts.



Step 17. **IMPORTANT:** Load driver side rear suspension using floor jack or screw jack, to simulate its position with vehicle on the ground.

Step 18. Tighten ALL driver side rear suspension bolts.

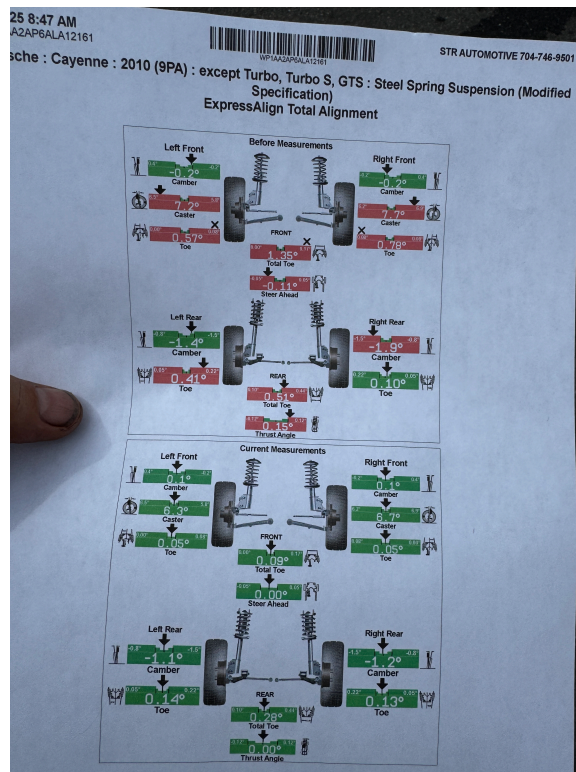


Step 19. Repeat process on passenger side.

Step 20. Double check all bolts in rear suspension. Mark double checked bolts with a paint pen.

Step 21. Reinstall wheels.

Step 22. Get a professional 4 wheel alignment.



Step 23. Find some trails!



Note: Installing a lift kit will change the suspension geometry and will require a 4 wheel alignment.

Warning: Failure to follow the procedures in these installation instructions may result in unsafe handling characteristics, damage to vehicle, or loss of control.

For tech support, please call 1-844-HRG LIFT (474-5438) from 8-4:30 PM EST Mon-Thu 8-3:30 PM Fri or email us 24/7 at support@hrgoffroad.com.

This product is intended for off-road use only!!

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