Pedders recommends professional installation on suspension components. These installation instructions are intended to be used in conjunction with the factory service manual. Please refer to the factory service manual for torque specifications. Please read through the instructions thoroughly before installation.

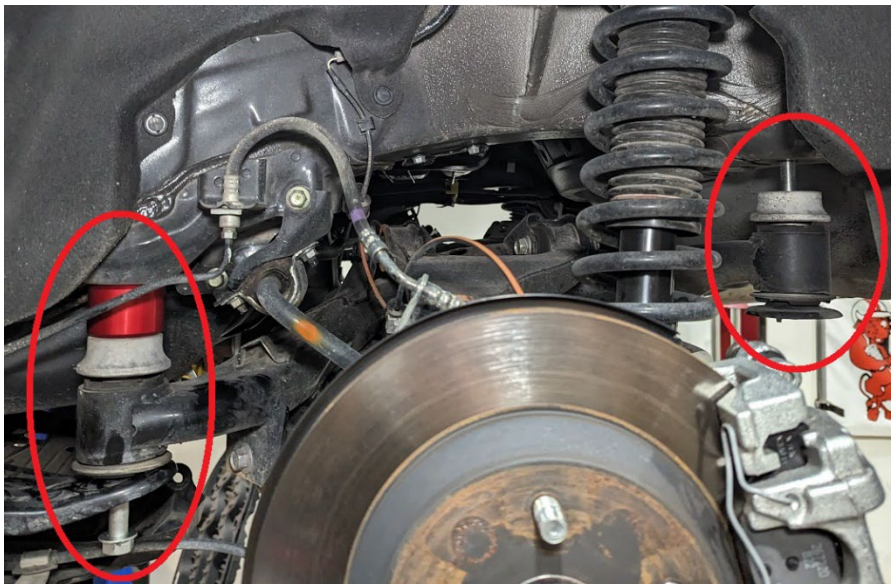
Please double check all parts on hand before starting your installation.

Kit Contents:

- 1x **909102L** – Front Left EziFit Strut Assembly (50mm Lift)
- 1x **909102R** – Front Right EziFit Strut Assembly (50mm Lift)
- 2x **902100** – Rear Strut Assembly (50mm Lift)
- 1x **75300** – Rear Subframe Alignment Kit:
    - 4x **71-0019** – Subframe Bolt Spacers
    - 4x **71-0020** – Rear Subframe Brace Spacers
    - 2x **71-0021** – Subframe to Chassis Bracket Spacer
    - 4x **75-0001** – Rear Brake Line Extension Bracket
    - 4x **73-0020** – M14 x 1.5 x 210mm G10.9 Bolts
    - 8x **73-0021** – M10 x 1.25 x 55mm G8.8 Bolts
    - 8x **71-0005** – M10 Flat Washers
    - 2x **73-0022** – M8x 1.25 x 55 G10.9 Bolts
    - 4x **70-0008** – M8 Flat Washers
    - 2x **71-0010** – M8 Spring Washers
    - 2x **70-0018** – M8 x 1.25 Nyloc Nuts
    - 2x **73-0023** – M8 x 1.25 x 25mm G10.9 Bolts
    - 4x **71-0007** – M14 Flat Washers
- 1x **5085** – Rear Sway Bar Relocation Kit:
    - 2x **71-0022** – Rear Sway Bar Bracket Spacer
    - 4x **73-0024** – M8 x 1.25 x 40mm Countersunk Bolt
    - 4x **70-0009** – M8 x 1.25 Flanged Nut

1. Lift and support the vehicle on a lift or jack stands. Remove the wheels.
2. Carefully remove rear plastic under trays to gain full access to the rear subframe bracket/bolts.

3. Unbolt the barking brake line bracket form the subframe bracket and remove the 2 forward M10 bolts from each plate.
4. Carefully support the rear-subframe / differential using a transmission jack.
5. Loosen, but do not remove each of the 4 Main Subframe bolts. Back out the bolts out approximately 55mm and then lower the subframe with the transmission jack until it sits on the bolt heads. You man need to unhook/disconnect a portion of the rear exhaust system for clearance.
6. Individually, remove each of the M14 bolts, insert a 71-0019 spacer between the subframe and chassis and replace the bolt with a M14 x 1.5 x 210mm bolt (73-0020) with a M14 Flat Washer (71-0007). It is best to do this one corner at a time to prevent the subframe from misaligning. Do not tighten yet.



7. Insert a Subframe to Chassis Bracket Spacer (71-0021) between the subframe and the bracket and install with the plate using 2x M10 x 1.25 x 55mm G8.8 Bolts (73-0021) with M10 Flat washers (71-0005).

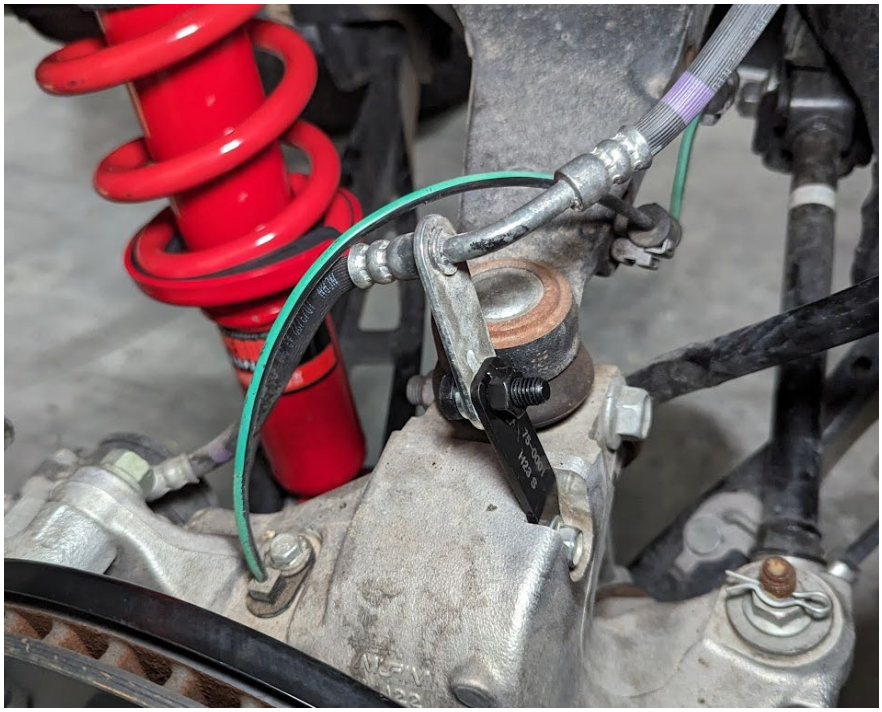
8. Open the Rear Sway Bar relocation Kit (5085) and install the M8 x 1.25mm x 40mm Counter Sunk Bolts (73-0024) into the Spacers (71-0022):

9. Remove the factory sway bar saddle by removing the nuts. Install the spacer with the factory studs where the sway bar saddle was previously. Torque the factory sway bar bracket spec. Take note of the orientation (there is an arrow pointing down on both). Fasten the spacer to the vehicle using the nuts from the sway bar saddle. Use provided M8 x 1.25 Flanged Nuts (70-0009) to secure the factory sway bar saddle onto the spacer and torque to factory specs.

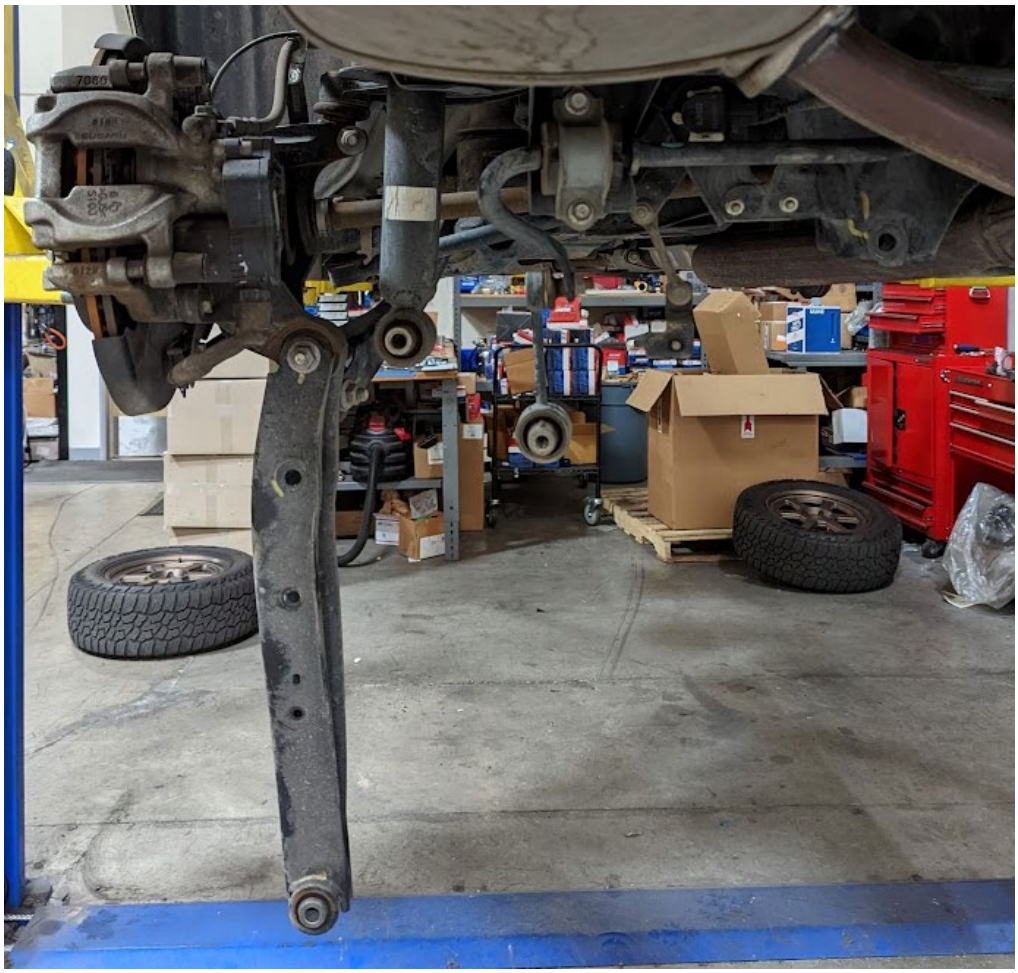
10. Tighten down and toque the 4 M14 Subframe bolts and the 2x M10 bolts on the Subframe brackets to factory spec.

11. Reinstall the factory plastic under trays using the factory hardware.
12. Unbolt the factory brake line bracket from the upper control arm:

13. Reuse the factory bracket bolt to install a Rear Brake Line Extension Bracket (75-0001) onto the control arm. Use a M8 x 1.25 x 25mm G10.9 Bolt (75-2003) and a M8 Spring Washer (71-0010) to attach the factory brake line bracket to the Extension bracket.



14. Note: Double check the clearance between the ABS sensor wire and between the wheel and brake line before tightening.
15. Unbolt the lower control arm at the inner mount, strut, sway bar end-link, and ride height level sensor (if equipped). Rotate the lower control arm downwards and out of the way:



16. Remove the interior trim as necessary from the trunk/rear hatch area until the rear strut mount bolts are exposed. Trim may vary by vehicle. Be careful not to break any of the plastic fasteners or scratch the interior.

17. Carefully remove the 2x 14mm strut mount nuts and remove the strut assemblies from below.
18. Reinstall new strut assembly in reverse order, but do not torque down the lower control arm bolts. These bolts are not to be torqued to spec until the vehicle is on the ground.

19. Unbolt the front brake line and disconnect the ABS sensor line clip from the front strut. Unbolt the front sway bar endlink from the front strut. Rotate the top of the front sway bar out of the way.
20. Using 19mm socket / wrench, remove the 2 large nuts and the bolts from the hub.
21. While supporting the strut, unbolt the 3x 14mm strut mount bolts at the strut tower and remove the front strut from the vehicle taking care not to damage the CV boot.
22. If equipped, remove the strut mount dust seal from the original strut and install it onto the new front strut assembly.
23. Install new strut in reverse order of steps 22-20.

24. Reinstall wheels and tires. Roll the vehicle forward and backwards a few times to allow the suspension to settle.
25. Torque down all the lower control arm bolts with the suspension loaded.
26. Perform full 4-wheel alignment.
27. Recheck all fastener torque after initial 100 miles of driving.

Note: Lifting the vehicle increases its center of gravity and changes its handling characteristics. Please take care in getting used to the way your vehicle handles after modification.