

Installation Instructions

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PRO-TRUCK COILOVER 2.0: E86-27-011-01-20

5th GEN RAM 1500 (DT)

Notes

Kit Contents

Description	Part Number	Quantity
Coilover Assembly 2.0	28128.9003	2
Height Adjustment Tool	ETCO2.0	1

Installation Notes

Read all instructions before beginning installation

- Only qualified mechanics experienced in the installation and removal of suspension components should perform this installation.
- Use of a hoist and screw jack is highly recommended and will substantially reduce installation time.
- Never work on or under a vehicle unless it is properly supported by safety stands and wheels are blocked.
- Never use impact wrenches or impact guns to install or remove shock absorber piston components, shafts and Piston rod nuts.
- All Eibach springs should be installed with the Eibach logo right-side-up.
- After Installation, inspect and adjust the following: Wheel Alignment; tire/wheel fender clearance when using aftermarket wheels or tires; brake line clearance and attachments; anti-lock-brake system sensors.



Step1. Detach the speed sensor wire from the brake line clip.



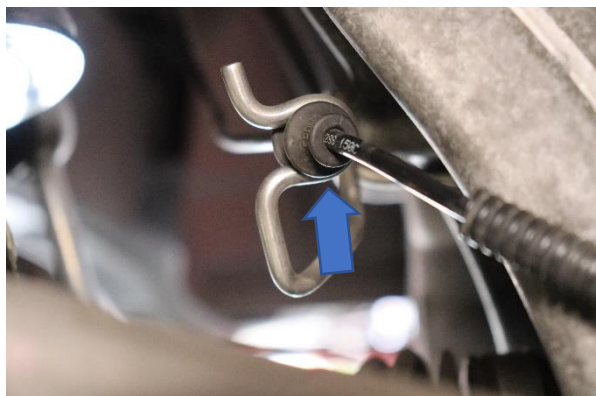
Step 1b.



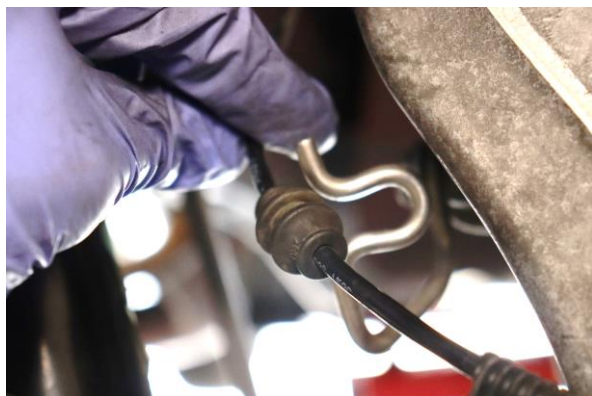
Step 2. Detach the speed sensor wire from the upper control arm bracket.



Step 2b.



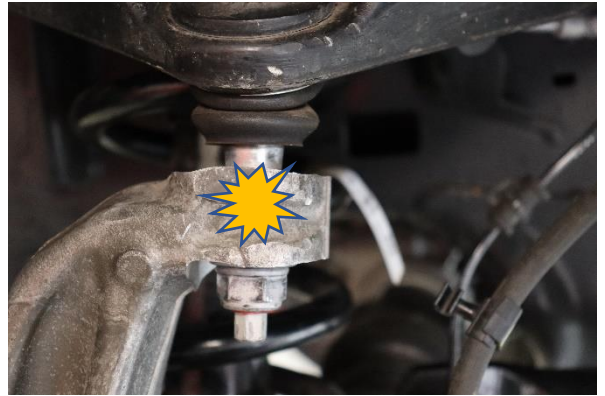
Step 3. Detach the speed sensor wire from the spindle bracket.



Step 3b.



Step 4. Loosen the upper ball joint nut.



Step 5. Shock with hammer until it separates. Use a pry bar to gently ease the upper control arm upwards and remove the nut



Step 6. Loosen the tie rod end nut.



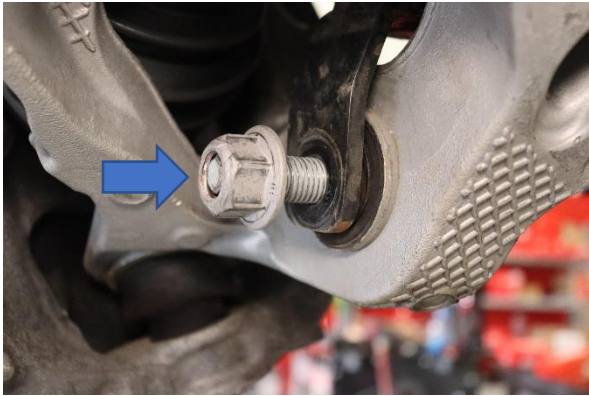
Step 7. Shock with hammer until it separates. Remove the tie-rod nut and set the tie-rod aside.



Step 8. On both sides, remove the front stabilizer link lower nut from the lower control arms.



Step 9. Rotate the sway bar and lift the stabilizer link out of the lower control arm.



Step 10. Loosen the shock assembly lower nut.



Step 11. Remove the shock assembly lower bolt.



Step 12. Separate the wire harness from the strut assembly studs.



Step 13. Remove the shock absorber and spring assembly upper nuts.



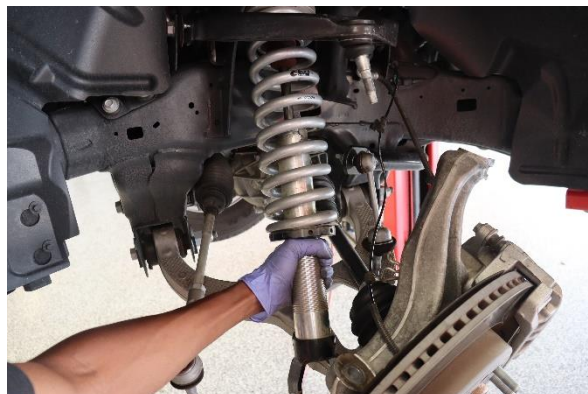
Step 14. Press downward on the lower control arm and remove the strut assembly.



Step 14b. Note: Ensure knuckle does not pull on brake line, or that it is not pulling on the axle. Tie strap the knuckle to frame if necessary.



Step 15. Verify the collar height.



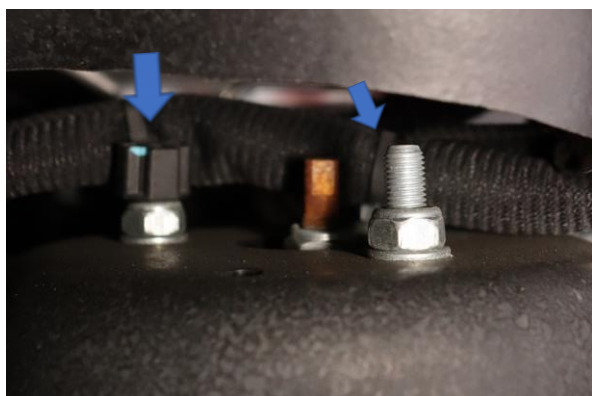
Step 16. Install new Eibach Coil Over shock



Step 16b.



Step 17. Install the 3 17mm bolts provided with the kit along with washers on top of the shock tower.
Torque nuts to 52 Ft. Lbs.



Step 18. Reattach the wire harness to the strut assembly studs.



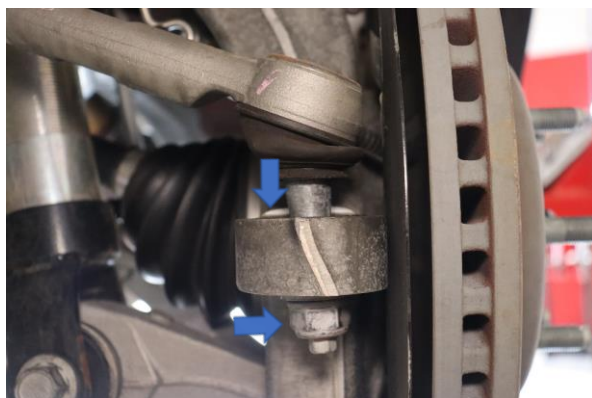
Step 19. Reinsert the lower shock bolt and secure the nut.
Torque nut to 124 Ft. Lbs.



Step 19b. (Torque nut to 124 Ft. Lbs.)



Step 20. Re-insert the stabilizer bar end link and secure the nut at the bottom.
Torque nut to 88 Ft. Lbs.



Step 21. Reinsert the tie rod end into the spindle and secure the nut.
Torque nut to 38 Ft. Lbs. + 195°



Step 21b. (Torque nut to 38 Ft. Lbs. + 195°)



Step 22. Use a pry bar to ease the upper control arm down into the spindle and fasten the nut on the bottom.
Torque nut to 26 Ft. Lbs. + 180°



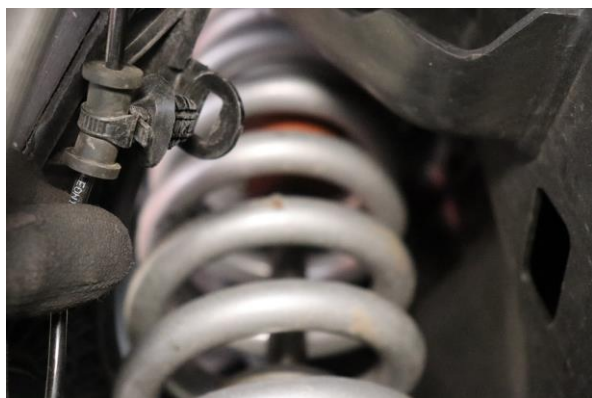
Step 22b. (Torque nut to 26 Ft. Lbs. + 180°)



Step 23. Reattach the speed sensor wire to the brake line clip.



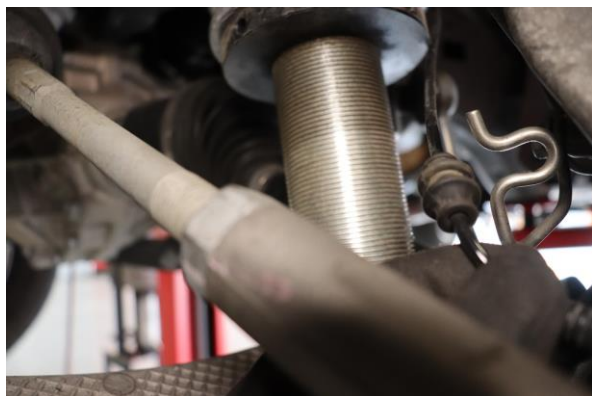
Step 23b.



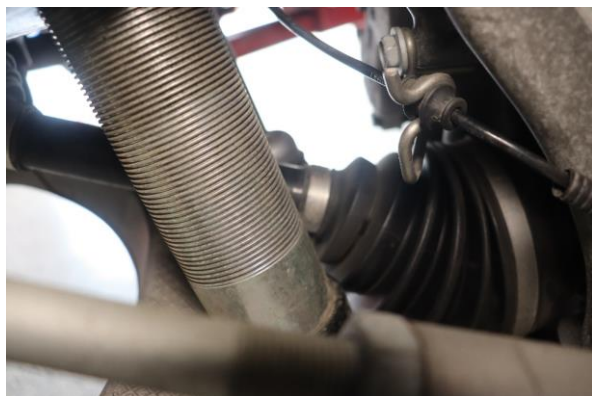
Step 24. Reattach the speed sensor wire to the upper control arm bracket.



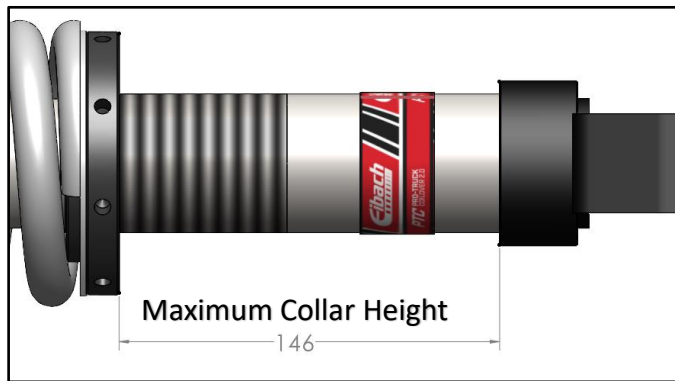
Step 24b.



Step 25. Reattach the speed sensor wire to the spindle bracket.



Step 25b.



Note: Do **NOT** go above a spring collar height of 146mm from bottom of collar to base, as shown or else damage to the shock and suspension will occur.

Each full turn of the collar will result in approximately 1/8" in change of your ride height
