

Installation Instructions

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PRO TRUCK COILOVER: E86-82-067-01-20

Kit Contents

Description	Part Number	Quantity
Coilover Assembly 2.0	82120.9003	2
Height Adjustment Tool	ETCO 2.0	1

Tool List

10mm socket	22mm socket and wrench or crescent wrench	Pull strap
12mm socket		For OEM wheel nuts use a 21mm socket
14mm wrench	24mm socket	3/8" torque wrench
17mm socket	2 hammers	1/2" torque wrench
19mm socket	Pry bar	

Notes

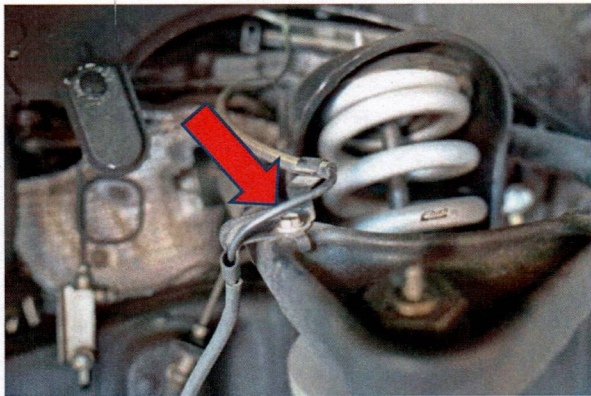
Read all instructions before beginning installation

Only qualified mechanics experienced in the installation and removal of suspension components should perform this installation.

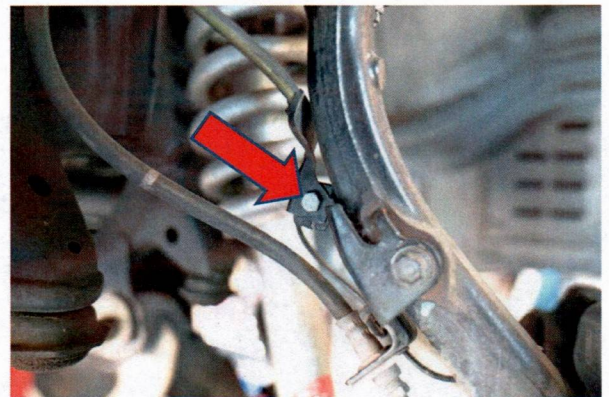
Use of a hoist and screw jack is highly recommended and will substantially reduce installation time.

Never work on or under a vehicle unless it is properly supported.

Installation



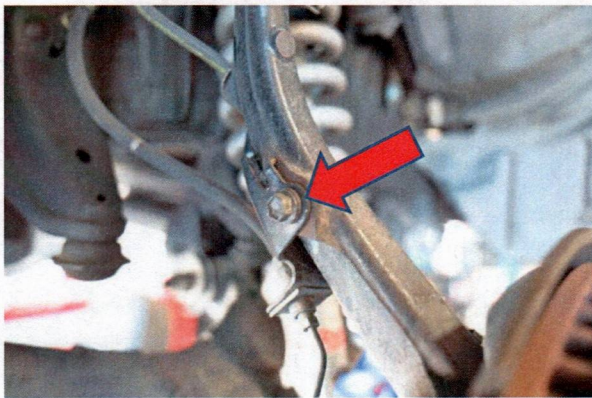
Step 1



Step 2

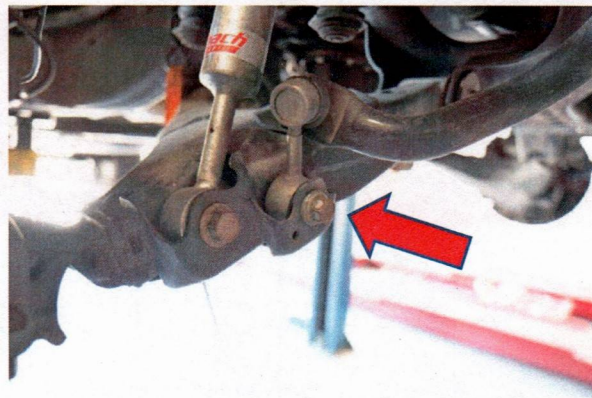
Step 1. Remove the 10mm bolt that secures the wheel speed sensor bracket to the upper control arm.

Step 2. Remove the 10mm bolt that secures the wheel speed sensor bracket to the knuckle.



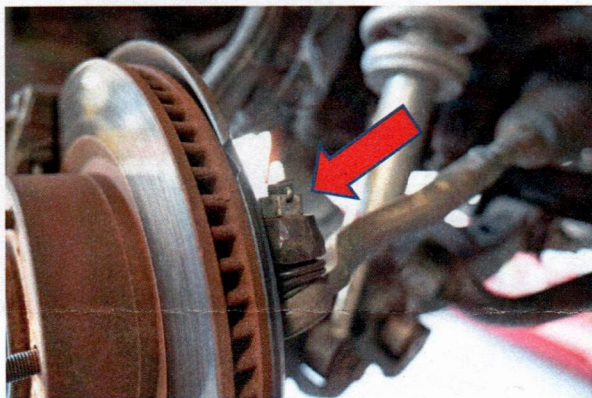
Step 3

Step 3. Remove the 12mm bolt that secures the brake line bracket to the knuckle.



Step 4

Step 4. Remove the 19mm bolt that secures the end link to the control arm.



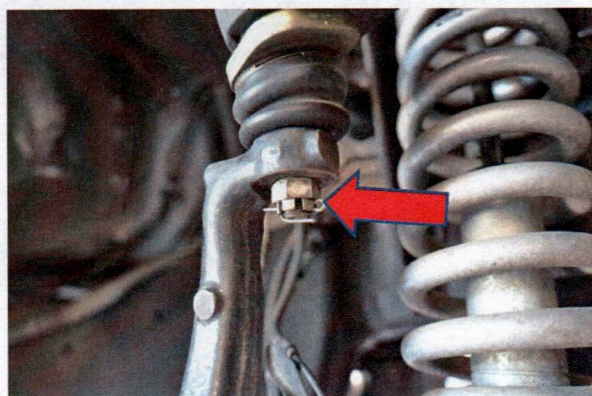
Step 5

Step 5. Remove the cotter pin from the castle nut, then, loosen and remove the 24mm nut from the tie rod end.



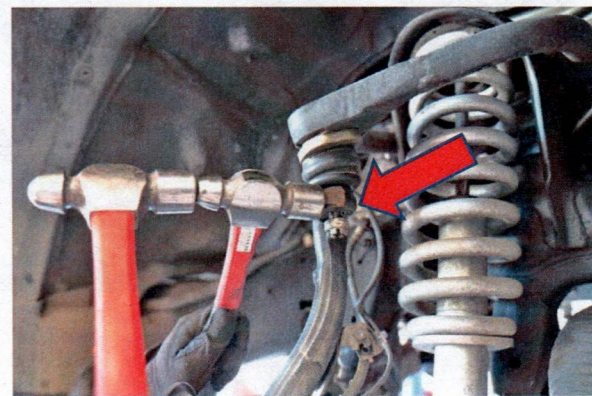
Step 6

Step 6. Strike/Shock the knuckle with two hammers to release the taper on the tie rod from the knuckle.



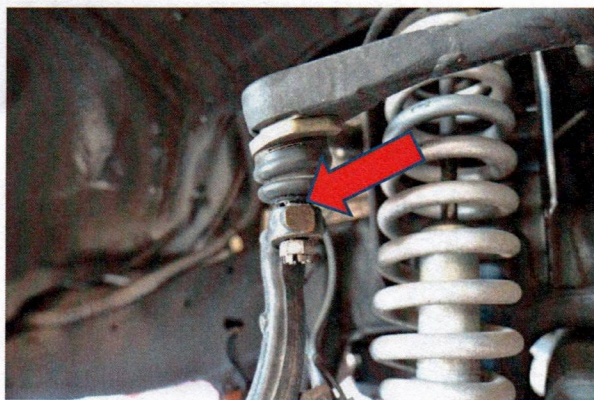
Step 7

Step 7. Remove the cotter pin from the upper ball joint and LOOSEN the 19mm nut until there is small gap between the nut and the knuckle. (DO NOT REMOVE THE NUT)



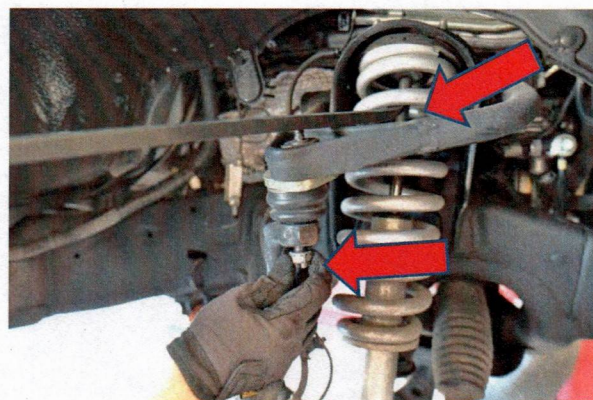
Step 7b

Step 7b. Strike/Shock the knuckle with two hammers to release the taper on the upper ball joint from the knuckle.



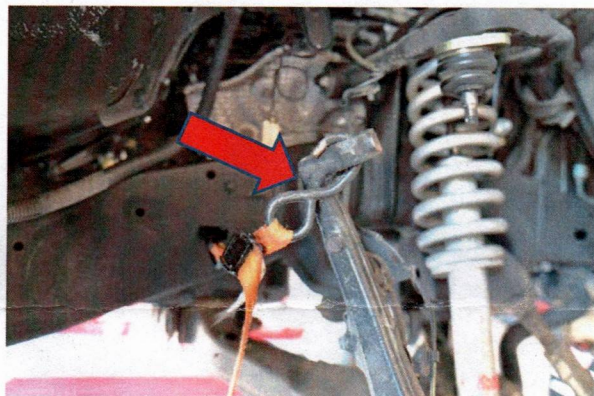
Step 7c

Step 7c. When the ball joint is released from the taper there will be a gap between the boot and the knuckle.



Step 7d

Step 7d. Pry down on the upper control arm as there will be pre load on the bushings, then, remove the castle nut.



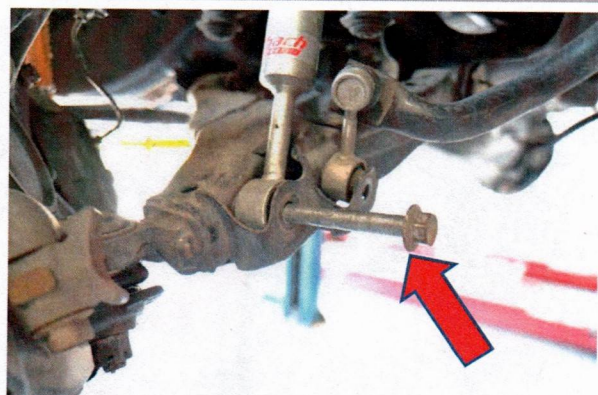
Step 8

Step 8. Use a pull strap to secure the knuckle to the chassis to ensure the lower control arm does not fall.



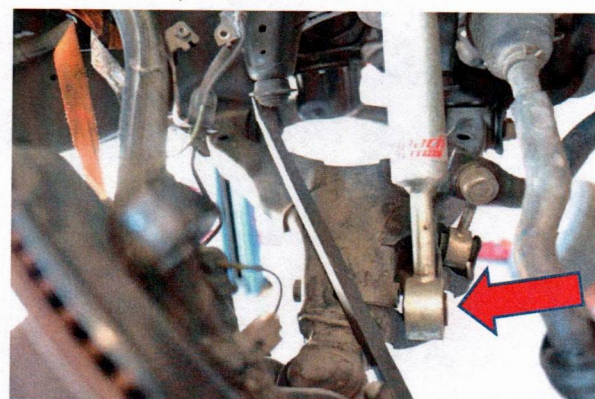
Step 9

Step 9. Remove the 22mm nut for the lower shock bolt.



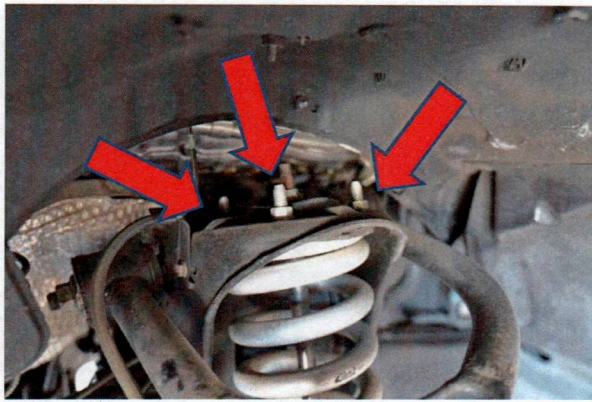
Step 9b

Step 9b. Remove the shock bolt.



Step 9c

Step 9c. Pry down on the lower control arm to get the shock to clear the lower control arm clevis.



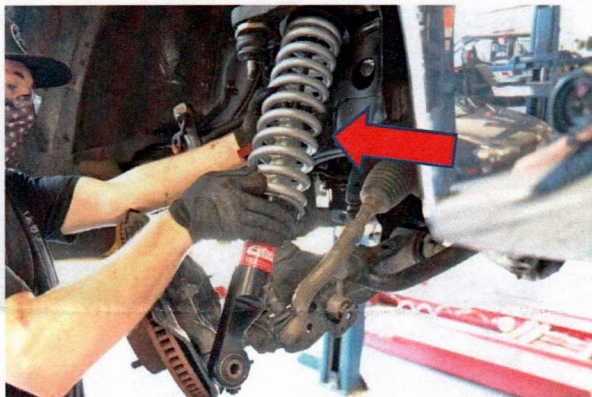
Step 10

Step 10. Remove the nuts x 4 that secure the shock top hat to the chassis, using a 14mm socket/wrench



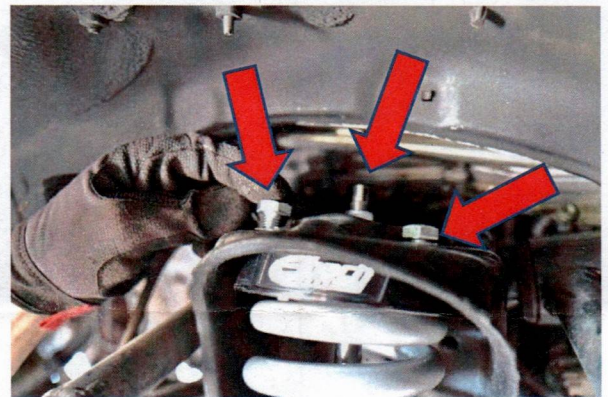
Step 11

Step 11. Remove the old shock.



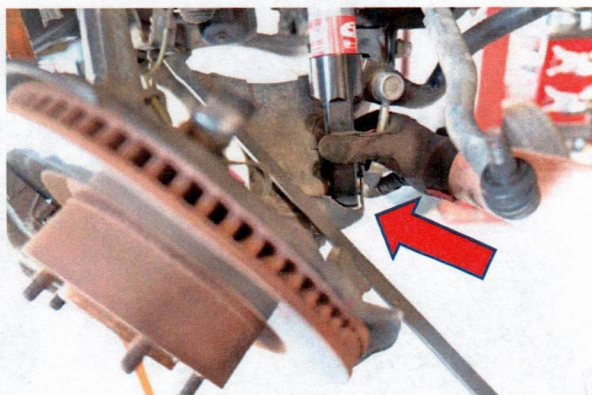
Step 12

Step 12. Install the new Eibach Pro Lift 2.0 coil over.



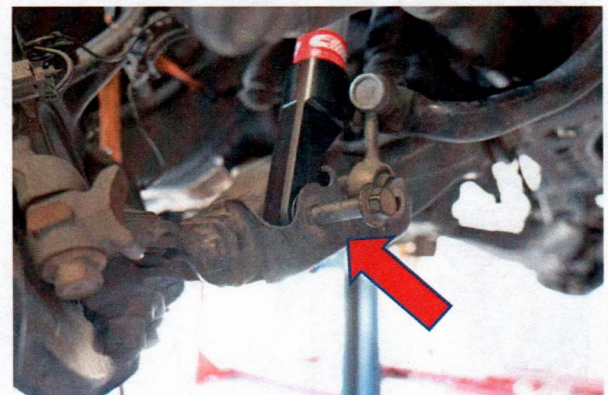
Step 13

Step 13. Using the supplied flange nuts, loosely secure the upper mount to the upper pocket, but do not tighten at this time.



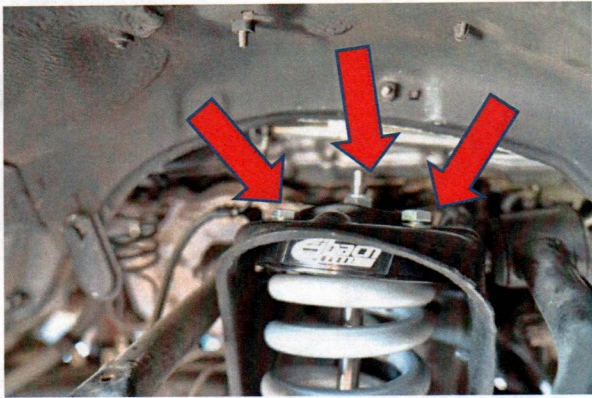
Step 14

Step 14. Pry down on the lower control arm to get the bottom of the shock back into the lower control arm clevis.



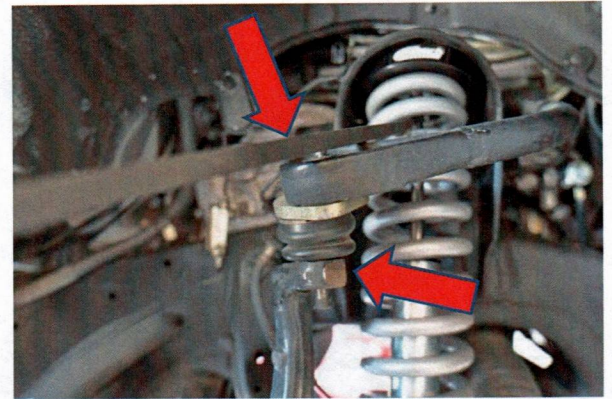
Step 15

Step 15. Loosely install the OE bolt into the control arm/lower shock mount.



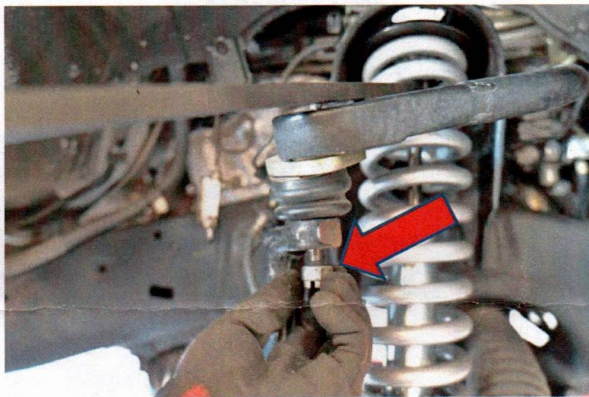
Step 16

Step 16. Torque the flange nuts for the top hat to (35 ft-lb).



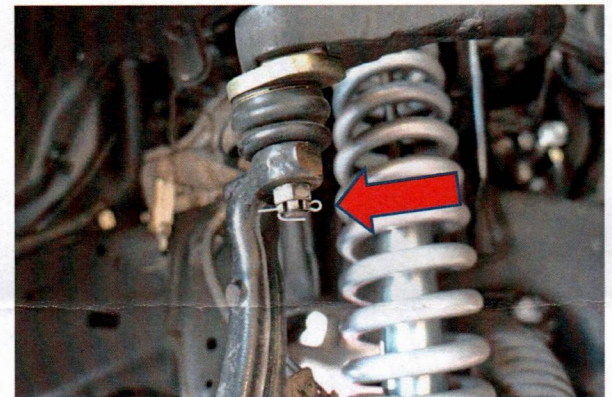
Step 17

Step 17. Pry down on the upper control arm and insert the ball joint into the knuckle.



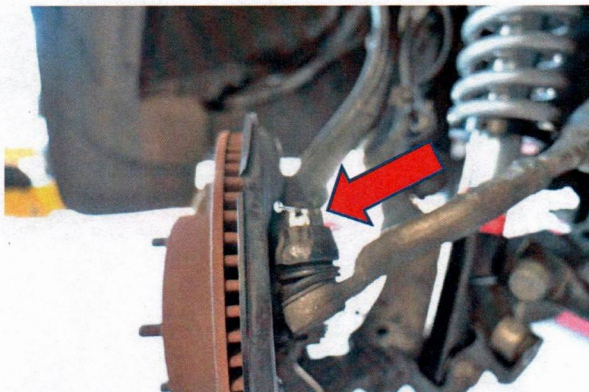
Step 17b

Step 17b. Secure the ball joint to the knuckle with the OE castle nut.



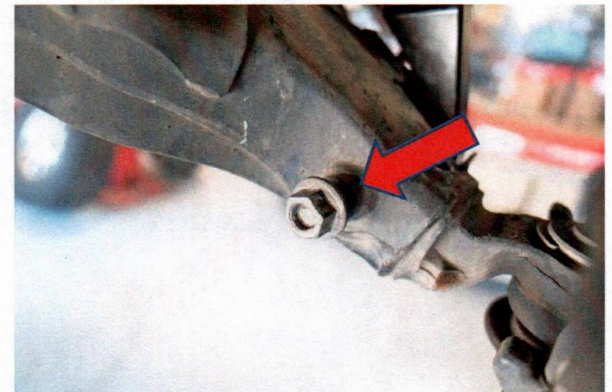
Step 17c

Step 17c. Torque the castle nut to (81 ft-lb) using a 19mm socket, then, then reinstall the OE cotter pin.



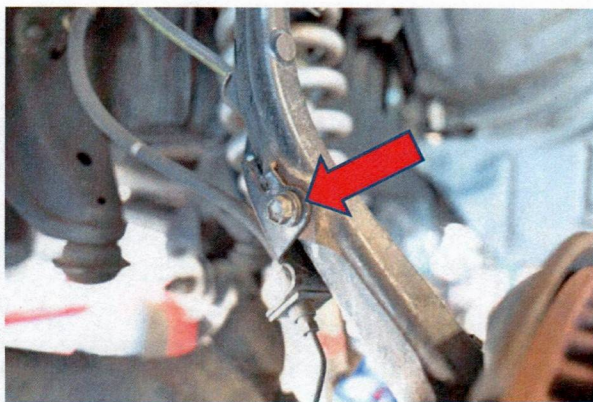
Step 18

Step 18. Reinstall the 24mm castle nut onto the tie rod and torque to (60 ft-lb), then, reinstall the OE cotter pin.



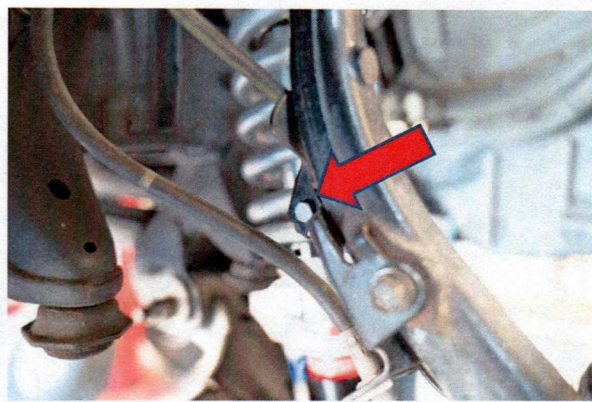
Step 19

Step 19. Install the OE 22mm shock nut and torque to (144 ft-lb)



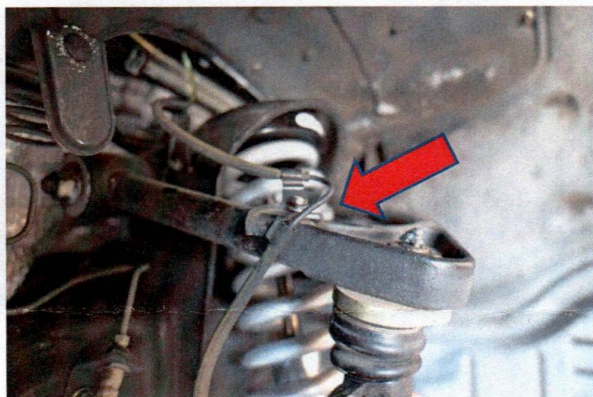
Step 20

Step 20. Secure the brake link bracket to the knuckle with the OE 12mm bolt.



Step 21

Step 21. Secure the wheel speed sensor bracket to the knuckle with the OE 10mm bolt.



Step 22

Step 22. Secure the upper wheel speed sensor bracket to the upper control arm with the OE 10mm bolt.



Step 23

Step 23. Torque the wheels to (aluminum wheel 97 ft-lb) (steel wheel 154 ft-lb)



Step 23b

Step 23b. Slowly lower the vehicle to the ground making sure the end link is aligned with the control arm mount as shown. Note: As you can see the end link is not lined up even with the car on the floor.



Step 23c

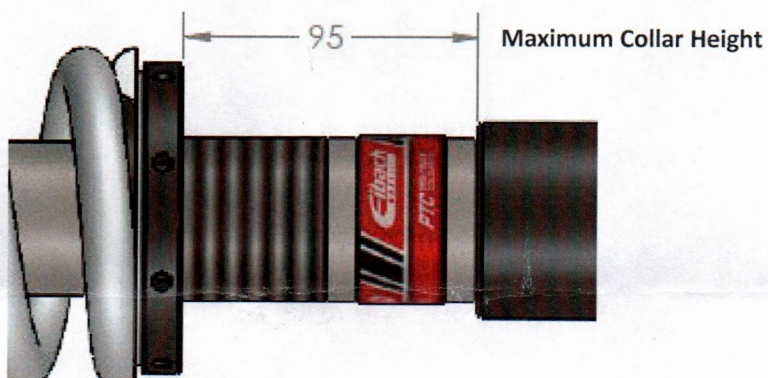
Step 23c. Use an alignment tool to align the end link bolt holes.



Step 23d

Step 23d. Insert the 19mm bolt making sure to hand thread it in first so it doesn't cross thread. (This one may take some patience) and torque to (111 ft-lb).

Step 24. Repeat this procedure on the other side.



Note: Do NOT go above a spring collar height of 95mm 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.
