

Installation Instructions

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E86-35-035-01-20

Kit Contents

Description	Part Number	Quantity
Coilover Assembly 2.0	35155.9003	2
Coilover Spanner Wrench	ETCO2.0	1
Hardware Kit	35148.8000HK	2

Tool List

10mm socket or wrench	19mm socket or wrench
8mm socket or wrench	Pry Bar
18mm socket or wrench	Dikes
21mm socket or wrench	Pull Strap
17mm socket or wrench	Hammer/Drift or air hammer

Notes

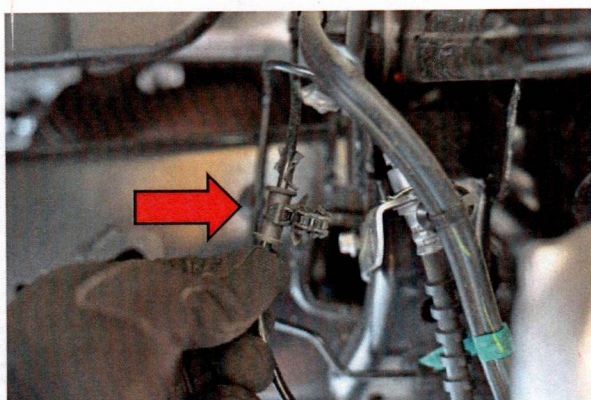
Read all instructions before beginning installation

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

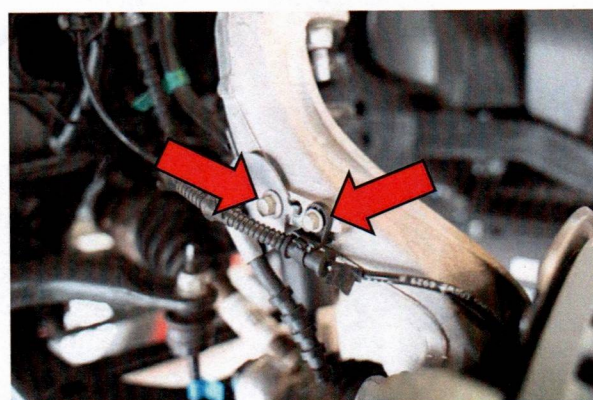
Use of a hoist and screw jack is highly recommended and will substantially reduce installation time.

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

Installation



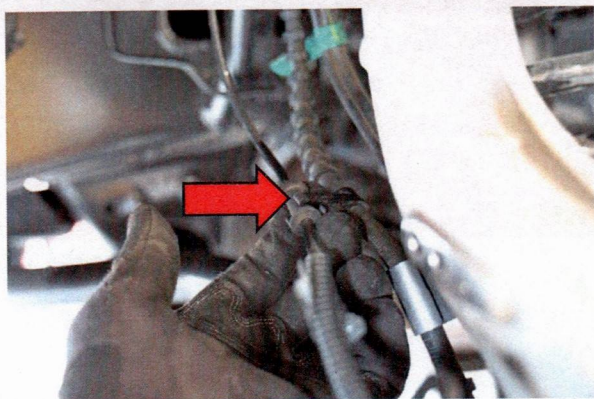
Step 1



Step 2

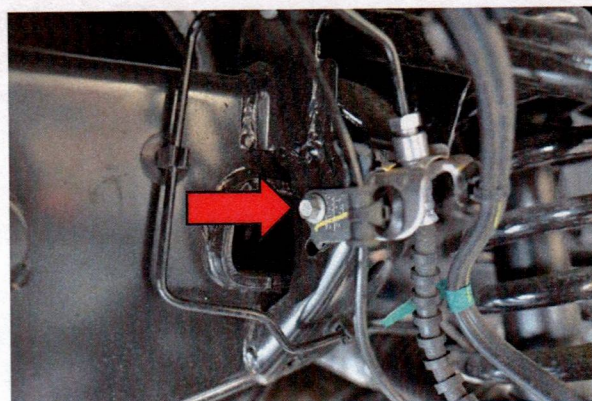
Step 1. Detach the wheel speed sensor from the brake line bracket

Step 2. Remove the screw that secures the ABS wire to the brake line bracket with an 8mm wrench, then, remove the screw that secures the brake line bracket to the knuckle with a 10mm wrench.



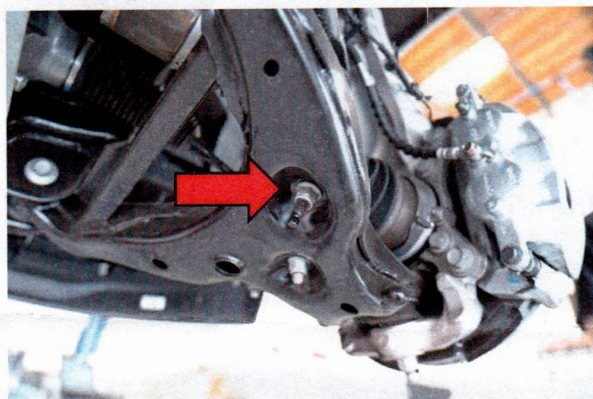
Step 3

Step 3. Detach the wheel speed sensor line from the brake line grommet to reduce chances of stretching the wire.



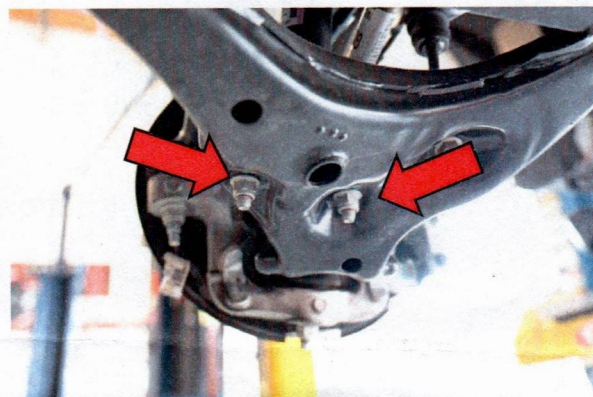
Step 4

Step 4. Remove the screw that secures the brake line bracket to the frame with a 10mm wrench.



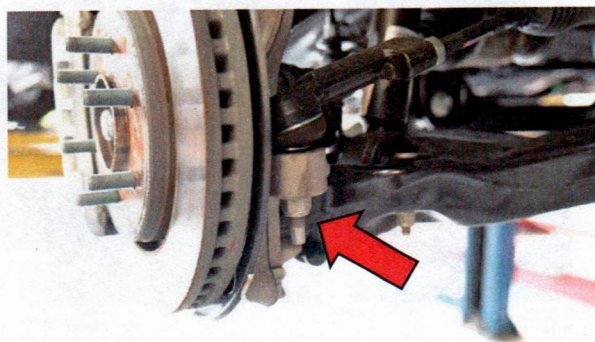
Step 5

Step 5. Remove the nut that secures the end link to the lower control arm with an 18mm wrench.



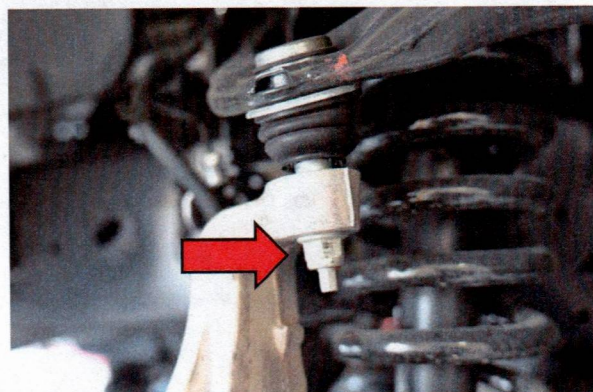
Step 6

Step 6. Remove the two lower shock mount nuts with an 18mm wrench.



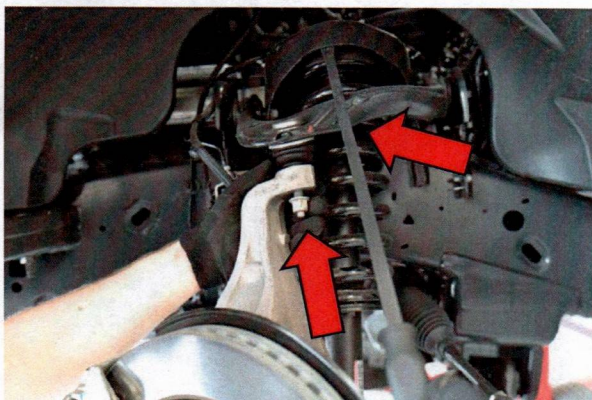
Step 7

Step 7. Remove the nut that secures the tire ride to the knuckle with a 21mm wrench



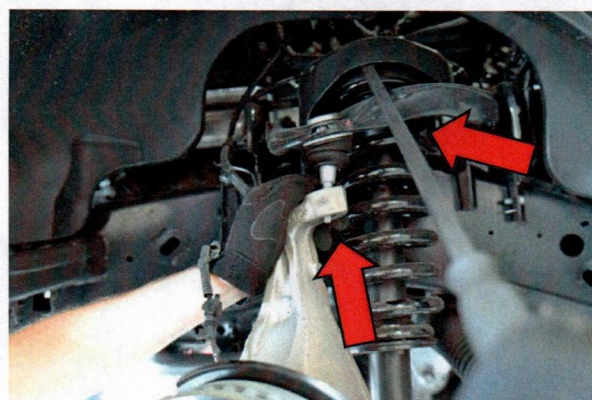
Step 8

Step 8. Loosen but DO NOT remove the nut for the upper top ball joint with an 18mm wrench.



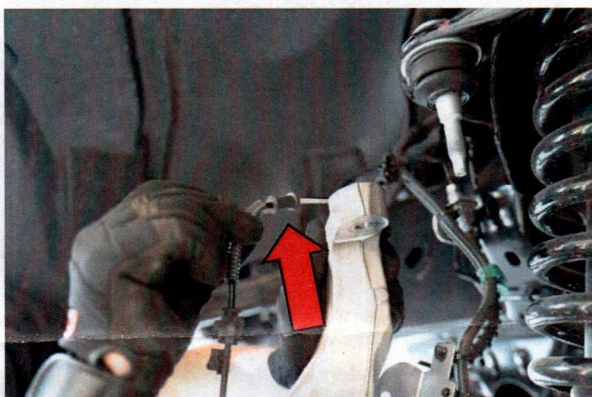
Step 8b

Step 8b. Pry down on the upper control arm to remove the ball joint nut.



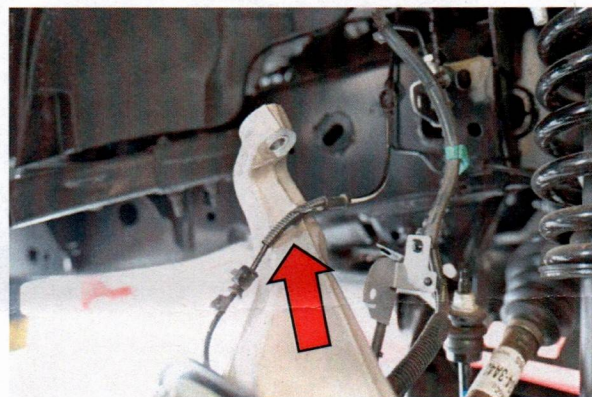
Step 8c

Step 8c. Slowly let the control arm upwards to release the ball joint from the knuckle.



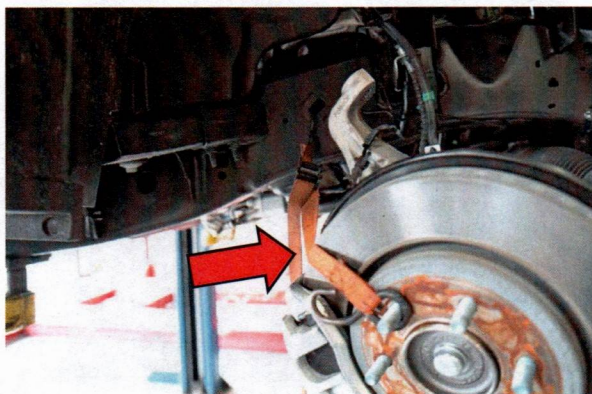
Step 8d

Step 8d. Place the wheel speed sensor line in front of the control and as to not stretch or break it!



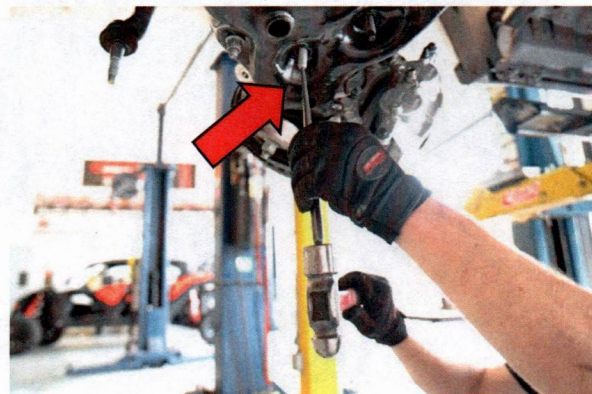
Step 8e

Step 8e. Example



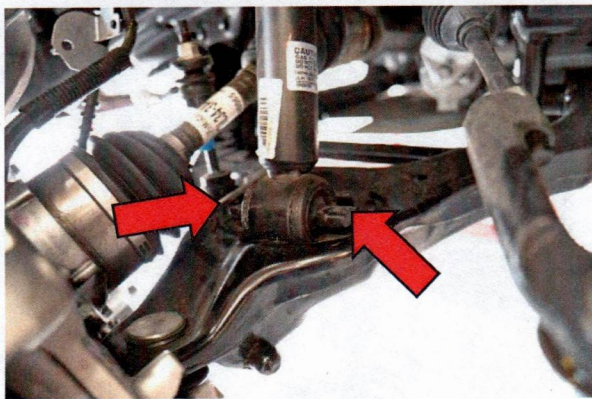
Step 9

Step 9. Use a tie strap to keep the knuckle from drooping down.



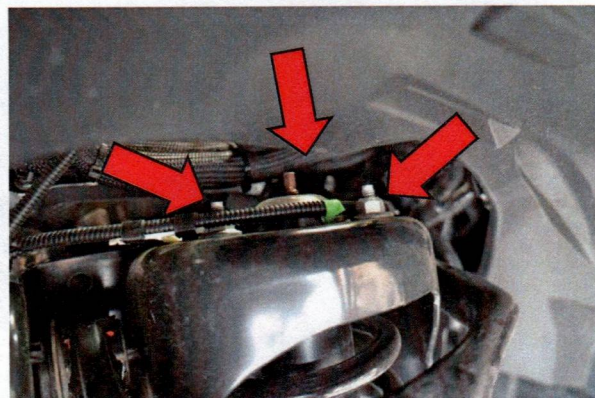
Step 10

Step 10. The lower shock mount bolts are pressed into the lower shock mount, so you will need to use a drift and a hammer to remove the lower shock mount bolts.



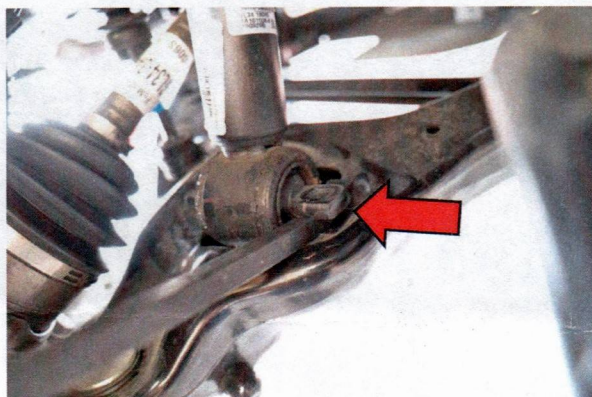
Step 11

Step 11. OE lower shock mount bolts removed from the lower shock mount.



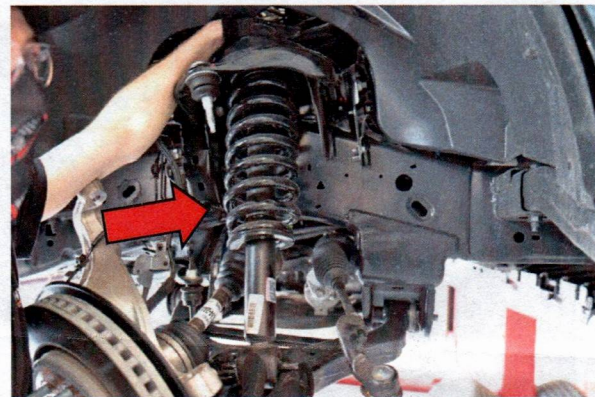
Step 12

Step 12. Remove the three nuts that secure the upper shock mount with an 18mm wrench.



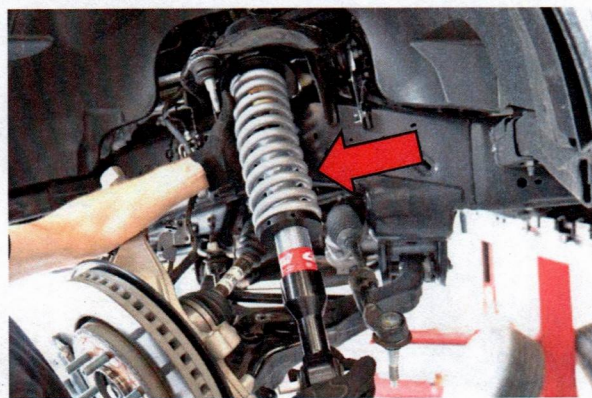
Step 13

Step 13. Pry under the right side of the bar pin and be careful not to pry the shock into the CV boot as this WILL rip the cv boot.



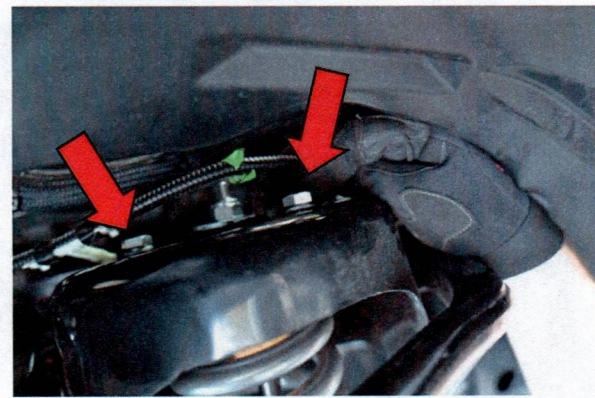
Step 14

Step 14. Remove the shock



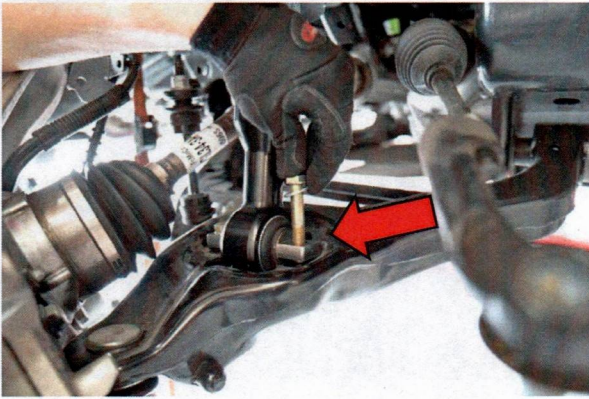
Step 15

Step 15. Install the new coil over shock



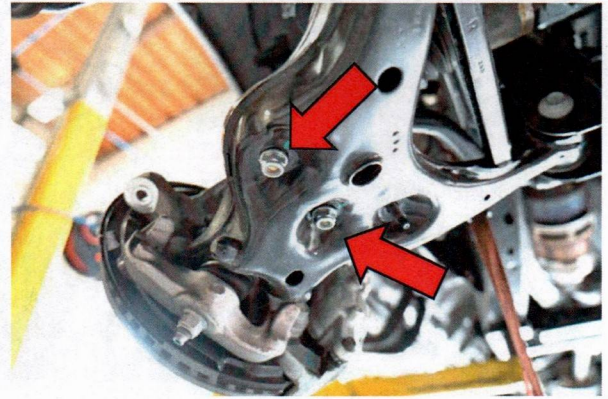
Step 16

Step 16. Install the provided flange nuts and torque to (35 ft-lb)



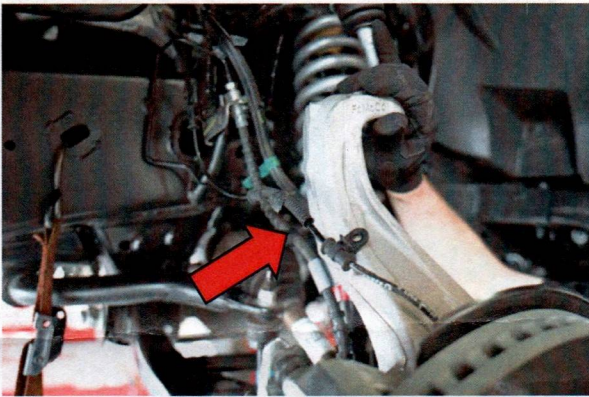
Step 17

Step 17. Install the 2x 19mm provided bolt and nut with one washer on top and one on bottom.



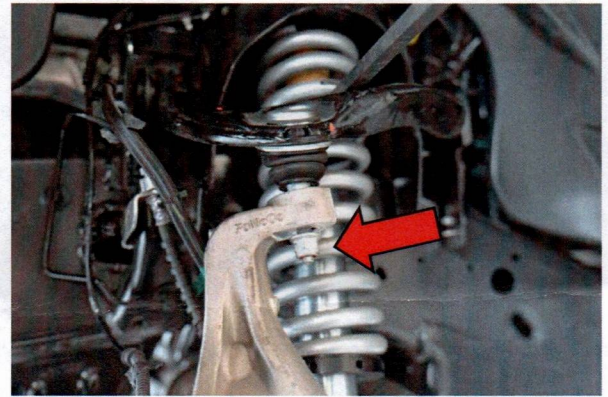
Step 18

Step 18. Torque to (66 ft-lb)



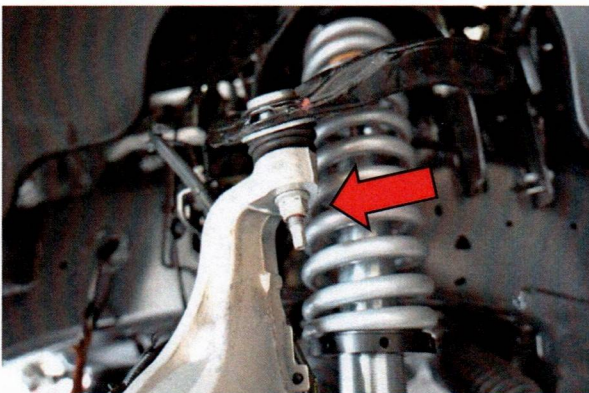
Step 19

Step 19. Move the speed sensor line back over to the back side of the knuckle.



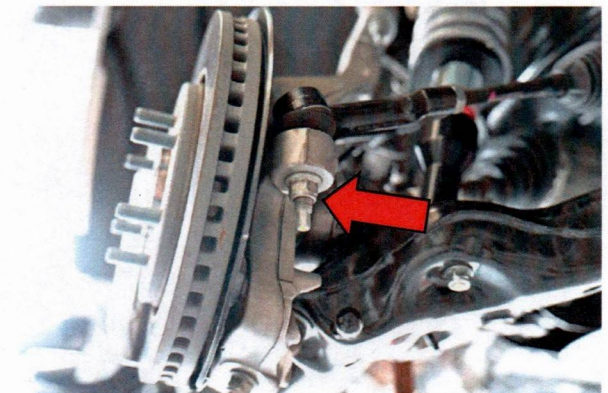
Step 19b

Step 19b. insert the upper ball joint back into the knuckle and thread back on the 18mm nut.



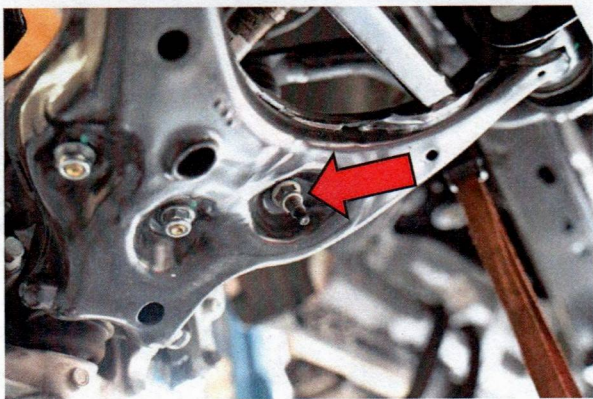
Step 19c

Step 19c. Torque the ball joint nut to (46 ft-lb)



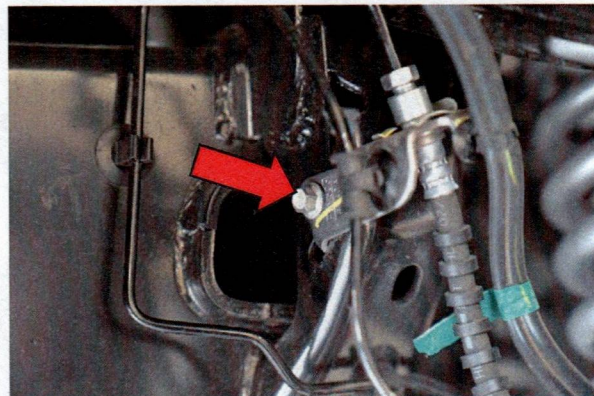
Step 20

Step 20. Install the tie rod back into the knuckle and torque to (76 ft-lb)



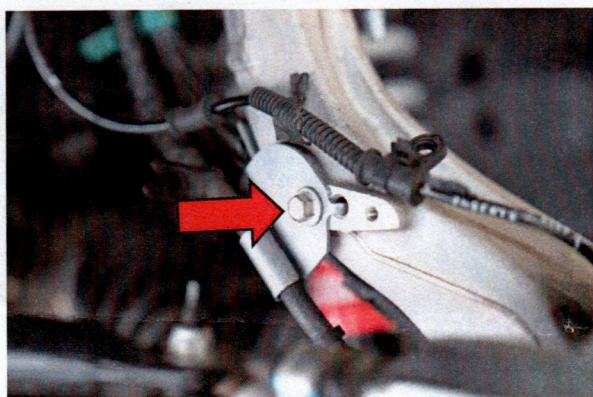
Step 21

Step 21. Re install the 18mm nut for the sway bar end link and torque to (59 ft-lb)



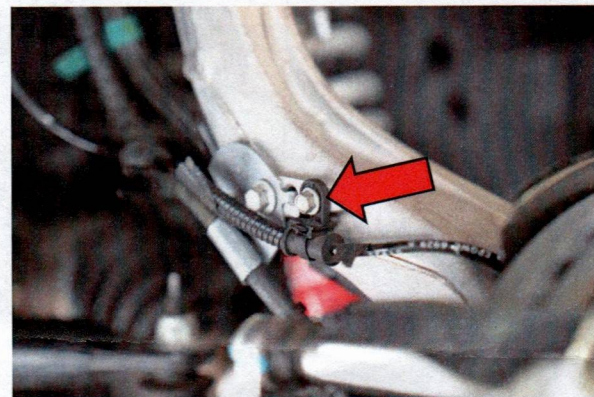
Step 22

Step 22. Re install the 10mm bolt for the upper brake line bracket.



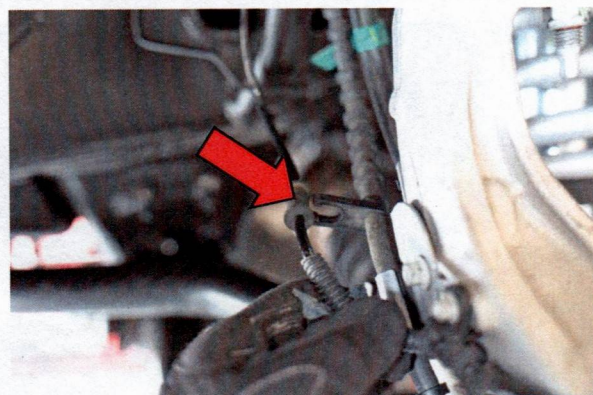
Step 23

Step 23. Re-install the 10mm bolt for the lower brake line to the knuckle.



Step 24

Step 24. Install the 8mm bolt for the wheel speed sensor to the knuckle

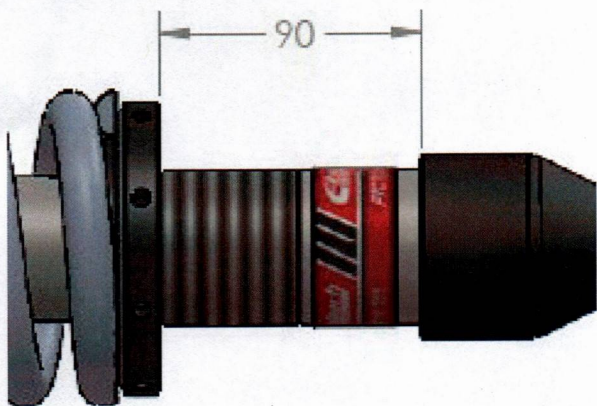


Step 25

Step 25. Re-attach the wheel speed sensor line to the brake line grommet.

Step 26

Step 26. Repeat this process on the other side, then, double-check to make sure everything is properly positioned and tightened, then, road test the vehicle and retighten if necessary.



Note: Do **NOT** go above a spring collar height of 90mm from the bottom of the 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.
