

Installation Instructions

Eibach Inc. 264 Mariah Circle Corona, CA 92879 USA Tech Support 800-507-2338 ext. 114



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

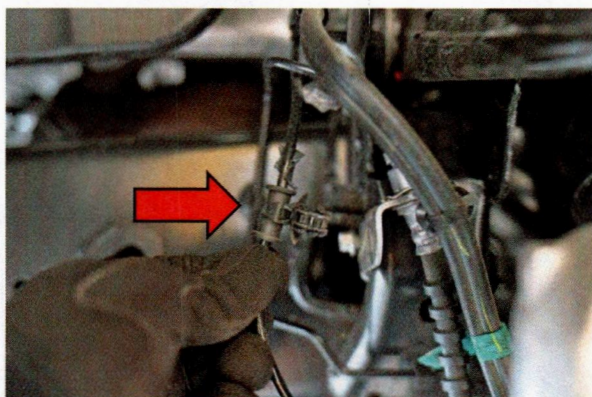
Read all instructions before beginning installation

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

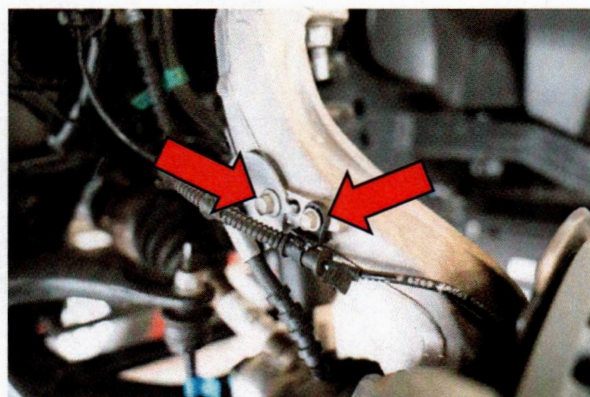
Use of a hoist and screw jack is highly recommended and will substantially reduce installation time.

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

Installation



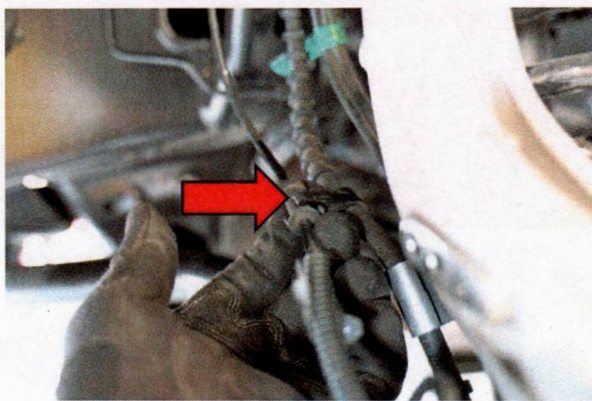
Step 1



Step 2

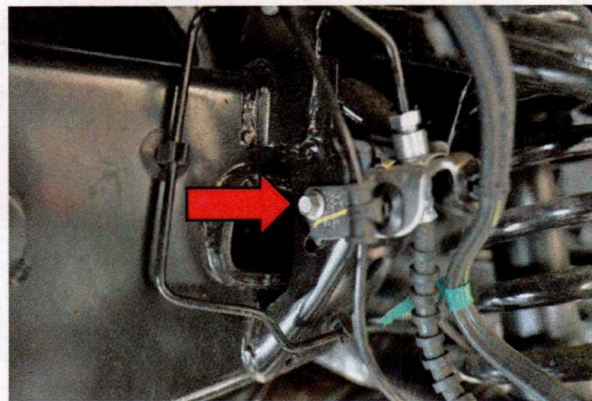
Step 1. Detach the wheel speed sensor from the brake line bracket

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.



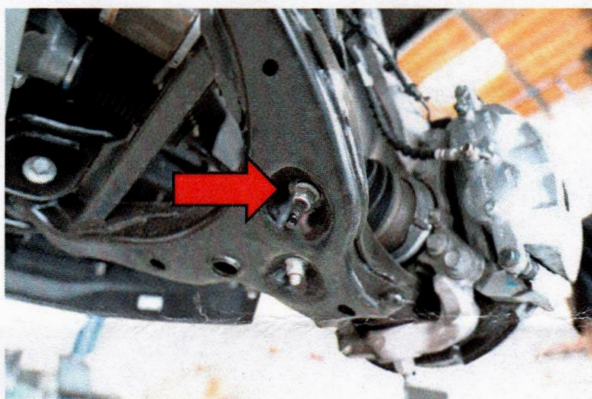
Step 3

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



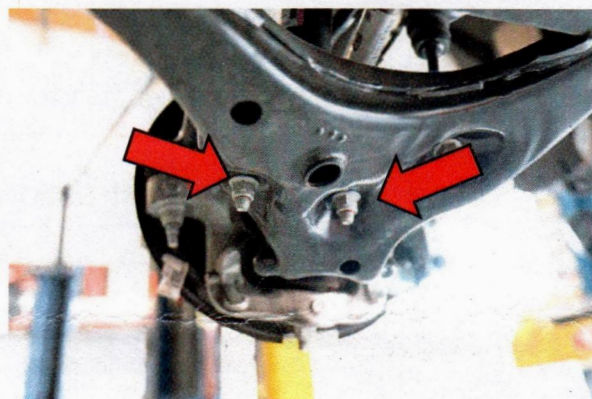
Step 4

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



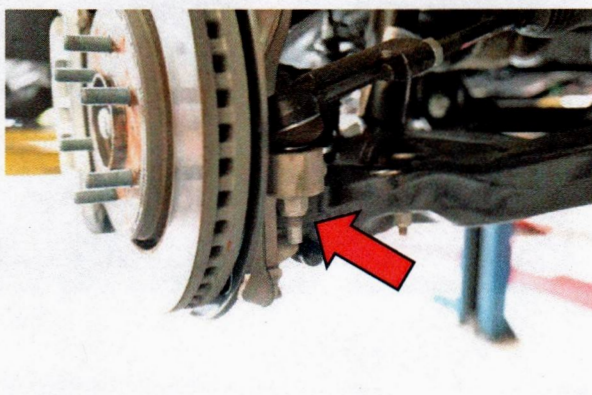
Step 5

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



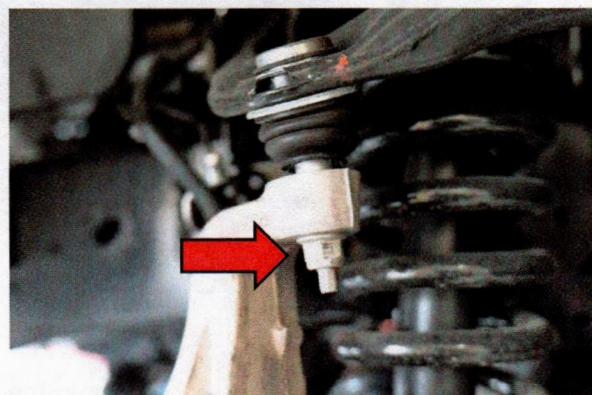
Step 6

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



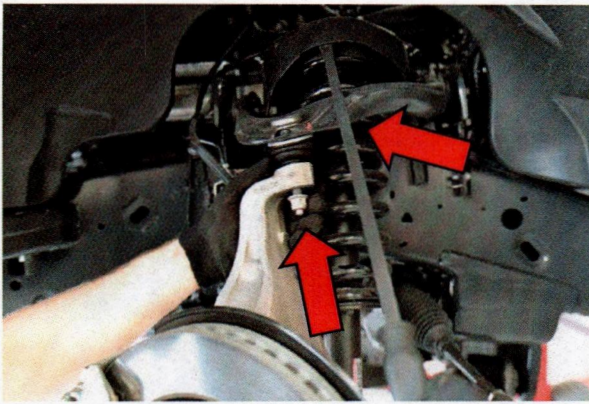
Step 7

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



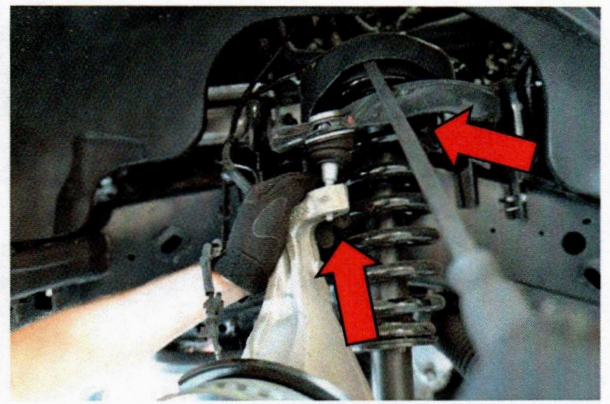
Step 8

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



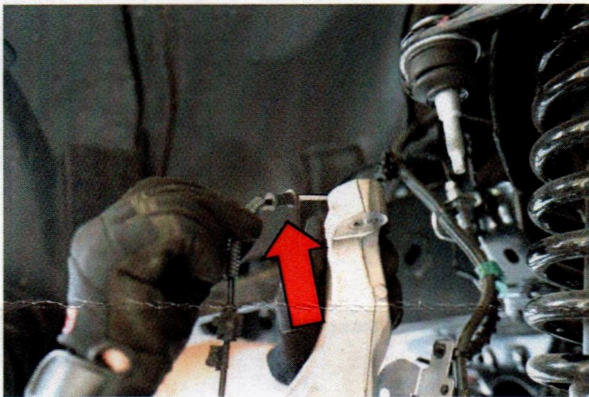
Step 8b

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



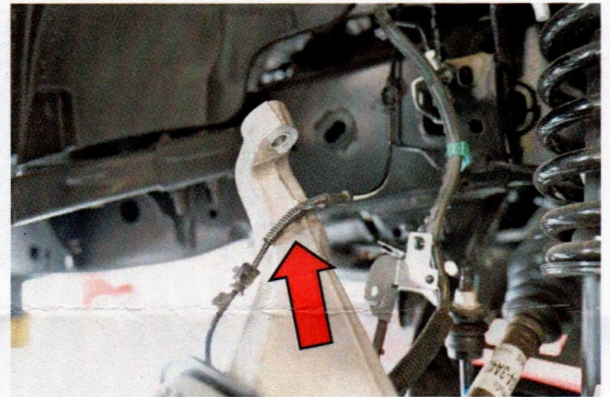
Step 8c

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



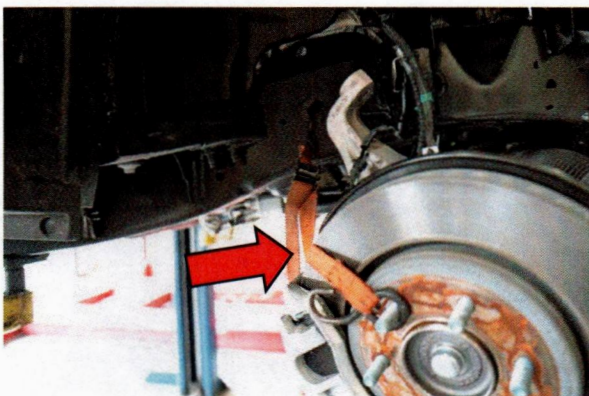
Step 8d

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



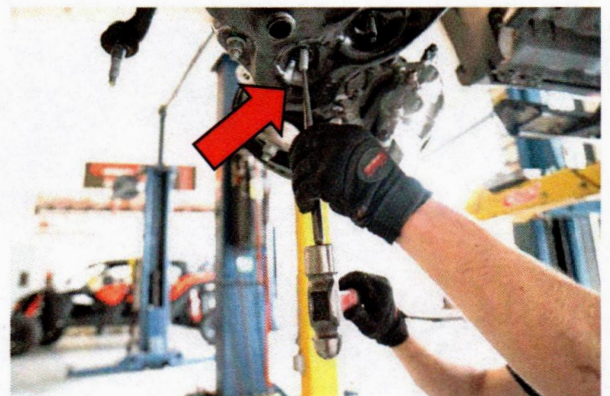
Step 8e

Step 8e. Example



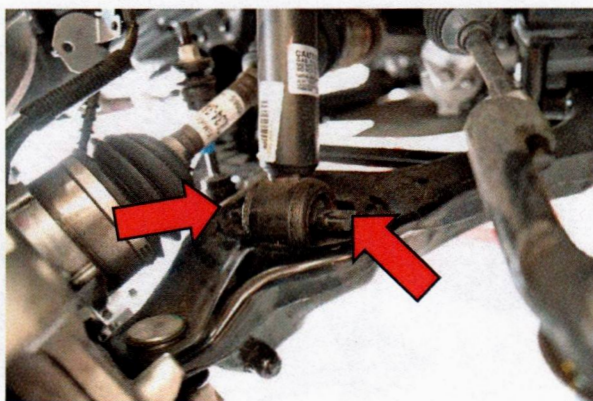
Step 9

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



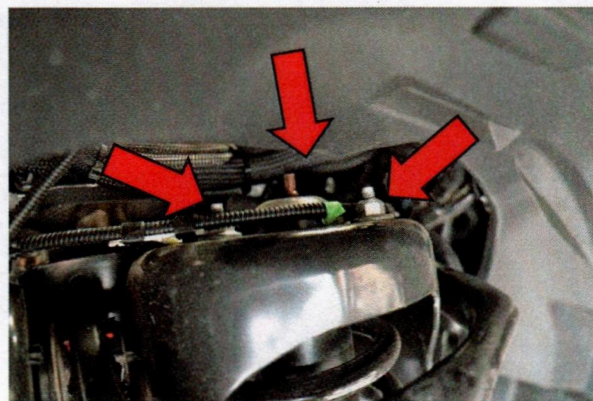
Step 10

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.



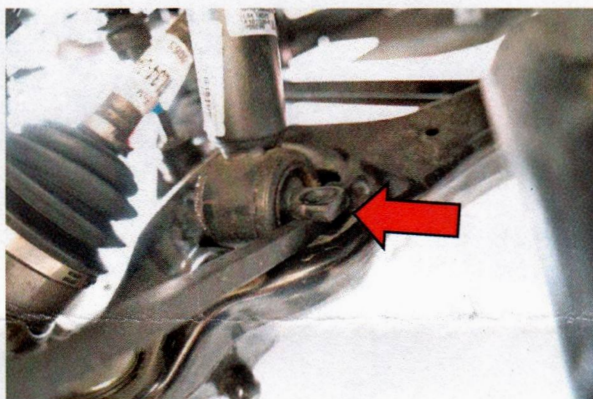
Step 11

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



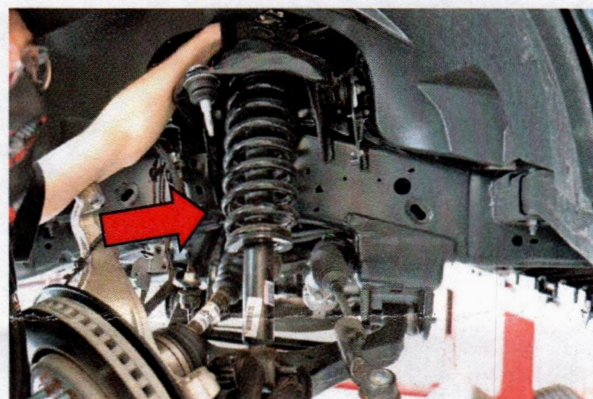
Step 12

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



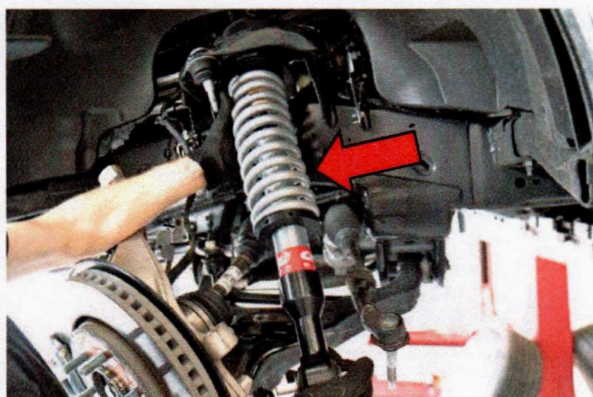
Step 13

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.



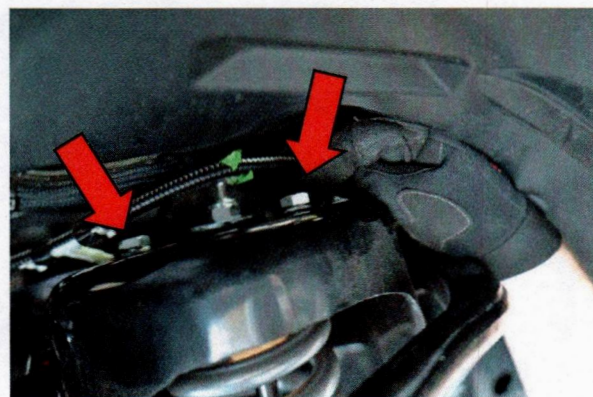
Step 14

Step 14. Remove the shock



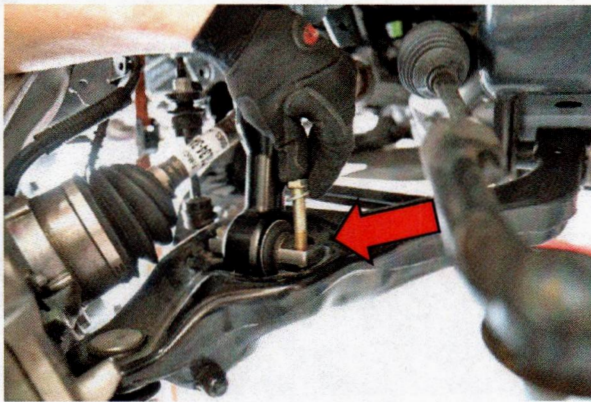
Step 15

Step 15. Install the new coil over shock



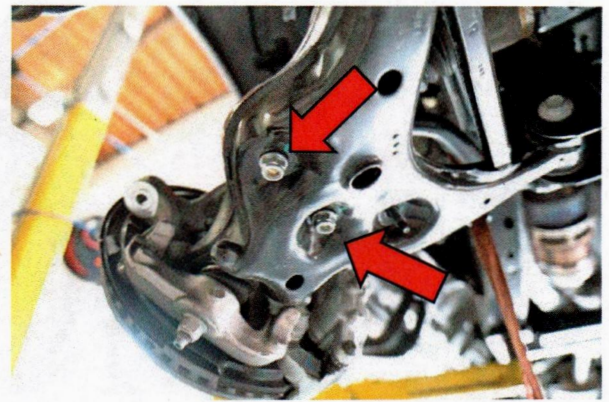
Step 16

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



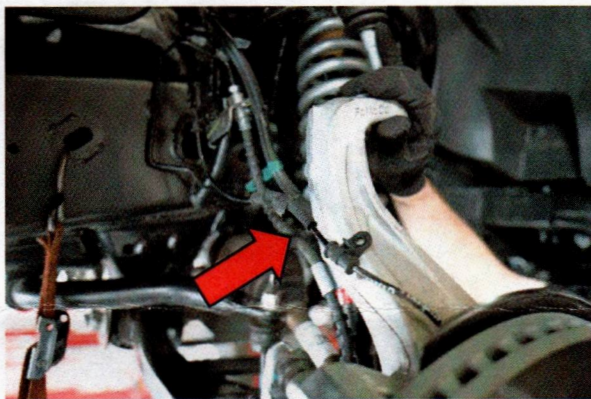
Step 17

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



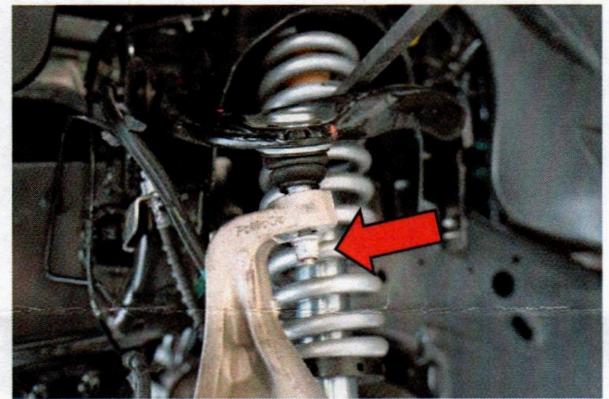
Step 18

Step 18. Torque to (66 ft-lb)



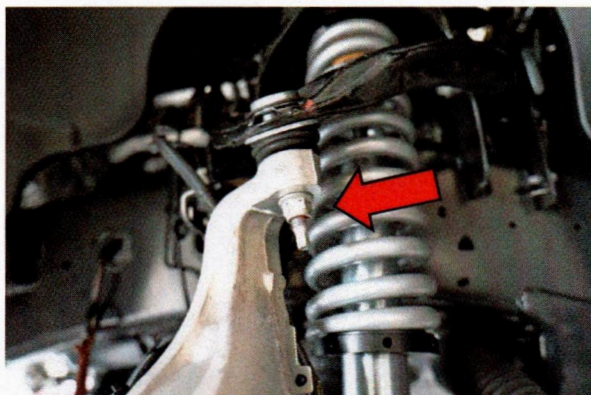
Step 19

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



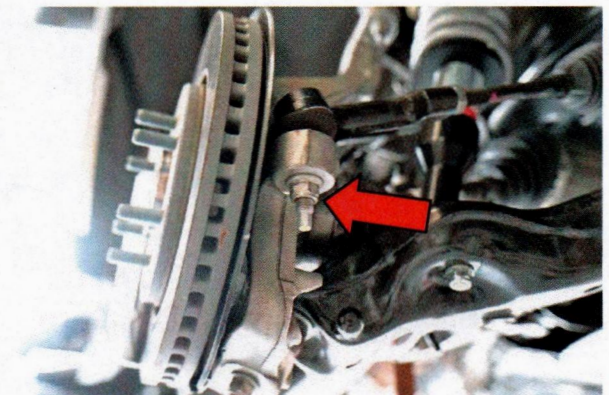
Step 19b

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



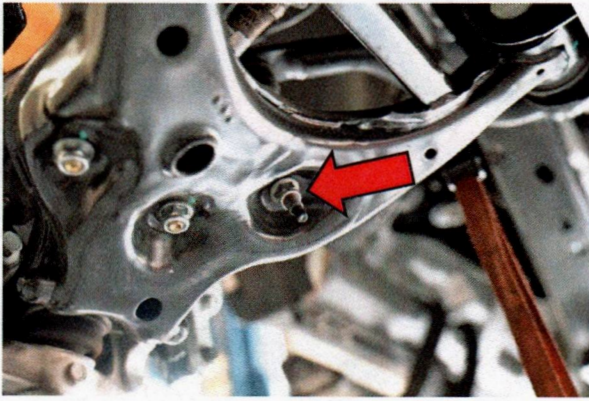
Step 19c

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



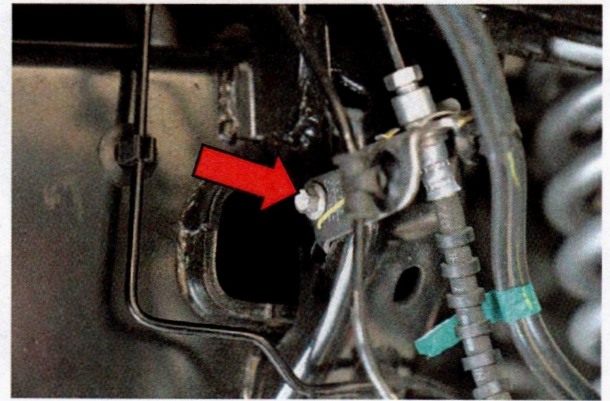
Step 20

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



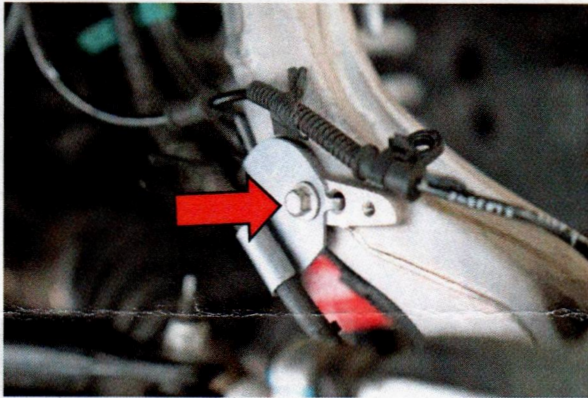
Step 21

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



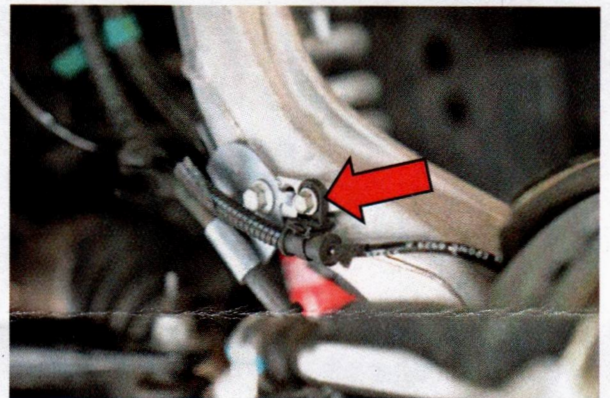
Step 22

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



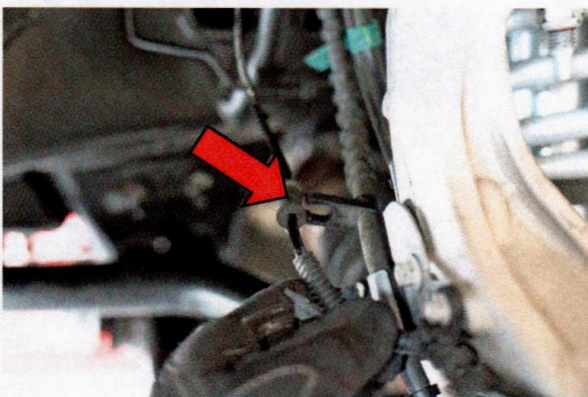
Step 23

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

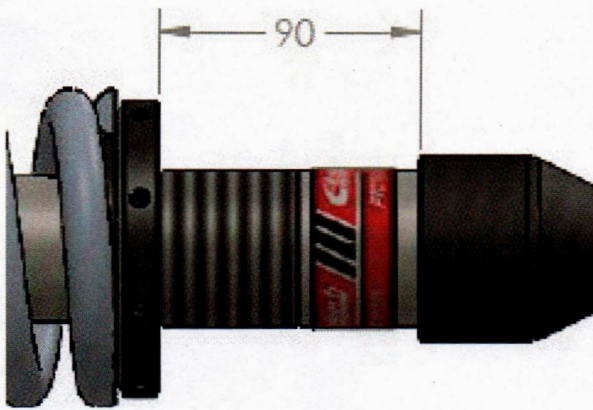


Step 25

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

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Part Number **E60-35-035-05-01**

Vehicle 2015+ Ford F-150 4WD

Kit Contents	Description	Part Number	Quantity
	Pro-Truck Reservoir Shock	35148.8004RR	1
	Dust Boot	84-2024	1
	Zip Tie	H70065500	1



Shock Instructions and Safety Tips

Read all instructions before beginning installation

- Park vehicle on level surface and set emergency brake. Raise and support the vehicle with safety stands.
- Power washing your chassis will make the installation cleaner.
- Loosen and remove the OE shock per the factory recommended removal procedure.
- Installation of the Eibach PRO-TRUCK Sport Shock should be done in the reverse order of removal.

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Reservoir should be mounted towards the top and pointing towards the axle on both side of the vehicle.

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Shock Instructions and Safety Tips

IMPORTANT NOTES:

- Any time you are working under a vehicle, be sure to use the proper jack stands and tire chocks to prevent any shifting or slipping of the car. Never use a jack only to support the vehicle while changing shocks.
- Inspect shock brackets or mounting points before installation to make sure they are not broken or bent.
- Do not attempt to disassemble these shocks. Return damaged shocks to Eibach for any necessary service or repairs.

USE THE RIGHT SHOCK FOR YOUR VEHICLE

- Use EIBACH shocks only for the applications for which they are listed. Each shock is specifically tuned for that vehicle's weight, suspension geometry, and other characteristics.
- Compare original shock mounting style and hardware with your new shocks before starting installation. If original hardware is not reusable, it should be replaced with OEM quality and style hardware.
- Shocks are tuned to vehicle manufacturer's recommendation for tire pressure, not necessarily the max inflation pressure listed on sidewall of tire.
- The OEM spring perch will have to be removed from the OEM strut assembly and installed onto the Eibach Pro Truck Sport Damper.

ADDITIONAL NOTES

- If you are uncertain of proper shock installation procedure, please consult appropriate service manual. Torque all fasteners to vehicle manufacturer's specs. Note: On Post Mount shocks, finger tighten nut to achieve zero clearance between the retaining washers and the bushings, then continue to tighten approximately 5-6 turns to achieve proper pre-load. Bushings should be slightly bulged. Secure with Jam Nut. On some vehicles, nut may bottom out on stud before 5-6 turns, which is proper for those applications.
- OEM mounting hardware may be either standard or metric. Make sure you have the proper tools before starting. Do not interchange hardware. Use new mounting hardware provided with your shocks, and re-use original mounting hardware in all other locations.
- Eibach shocks have a high-pressure nitrogen gas charge and may come with a restraining strap, which holds the shock in a compressed position. To ease most installations, leave the strap on until you have secured one end of the shock, then cut the strap and quickly guide the other end of the shock into position as it expands. Strap must be cut before some installations, such as when strap goes around post.
- Wire ties are provided to secure the shock boot to the shock body. On some installations (especially where the shock must pass through a hole in the lower control arm), it is necessary to put the wire tie on after the shock is installed.
- After installing shocks and before driving vehicle, check for clearance of exhaust, brake or gas lines, electrical wiring, etc.
- After installation, drive the vehicle cautiously for the first few miles to develop a feel for the improved handling and ride quality. After 10 miles, inspect installation, re-check torque on all fasteners, and verify adequate component clearance.

Limited Warranties

1.1 Eibach Limited Million-Mile Warranty

PRO-KIT, SPORTLINE, ANTI-ROLL-KIT, PRO-SPACER, PRO-TRUCK-SHOCK (including Sport and Sport Leveling)

All Eibach Springs, Inc. ("Eibach") Suspension Springs, Anti-Roll-Kits (excluding "hardware") Pro-Spacers, and Pro-Truck Shocks (including Sport and Sport Leveling) (collectively, "Products") are covered by a Million-Mile warranty (the Warranty). The Warranty covers the Products against factory defects in material and workmanship, other than coatings, when used on passenger cars and light duty (class 1-3) trucks under normal use and operating conditions. These Warranties only apply to the original purchaser who retains ownership of the vehicle on which the Products were originally installed (the "Purchaser"). Eibach Springs, Inc. will repair, replace or refund the purchase price of the defective product at Eibach Springs, Inc.'s sole discretion, which shall fully satisfy and discharge any and all warranty claims.

1.2 Eibach Limited 12-Month Warranty

PRO-STREET-S, MULTI-PRO-R1, MULTI-PRO-R2, MULTI-PRO-DRAG, PRO-ALIGNMENT, DRAG-LAUNCH Air Bags and ANTI-ROLL-KIT Hardware

All Eibach Springs, Inc. ("Eibach") suspension Coilover Systems (Pro-Street-S / Multi-Pro-R1 / Multi-Pro-R2, Multi-Pro-Drag), Drag-Launch (Air bags only), Pro-Alignment Kits and Anti-Roll-Kit hardware (collectively, "Products"), are covered by a 12-month warranty (the "Warranty") from date of purchase. The Warranty covers the Products against factory defects in material and workmanship, other than coatings, when used on passenger cars and light trucks under normal use and operating conditions. These Warranties only apply to the original purchaser who retains ownership of the vehicle on which the Products were originally installed (the "Purchaser"). Eibach Springs, Inc. will repair, replace or refund the purchase price of the defective product at Eibach Springs, Inc.'s sole discretion, which shall fully satisfy and discharge any and all warranty claims.

1.3 Eibach Limited 24-Month Warranty

PRO-DAMPER

All Eibach Springs, Inc. ("Eibach") suspension Pro-Damper Systems (collectively, "Products"), are covered by a 24-month warranty (the "Warranty") from date of purchase. The Warranty covers the Products against factory defects in material and workmanship, other than coatings, when used on passenger cars and light trucks under normal use and operating conditions. These Warranties only apply to the original purchaser who retains ownership of the vehicle on which the Products were originally installed (the "Purchaser"). Eibach Springs, Inc. will repair, replace or refund the purchase price of the defective product at Eibach Springs, Inc.'s sole discretion, which shall fully satisfy and discharge any and all warranty claims.

2. Exclusions from Warranty

THIS WARRANTY DOES NOT APPLY TO ANY PRODUCTS: (1) THAT HAVE BEEN IMPROPERLY INSTALLED OR HAVE NOT BEEN PROPERLY INSTALLED BY A QUALIFIED, LICENSED AUTO MECHANIC EXPERIENCED IN THE INSTALLATION AND REMOVAL OF SUSPENSION PRODUCTS;

(2) THAT HAVE BEEN IMPROPERLY SERVICED, THAT HAVE BEEN MISUSED, OR THAT HAVE BEEN MODIFIED, ALTERED OR SUBJECTED TO ABUSE, NEGLIGENCE, ACCIDENT OR COLLISION;

(3) INSTALLED IN ANY VEHICLE THAT HAS BEEN MODIFIED;

(4) INSTALLED ON ANY VEHICLE THAT HAS CARRIED LOADS IN EXCESS OF AUTOMOBILE MANUFACTURER SUGGESTED WEIGHT LIMITS;

(5) INSTALLED ON ANY VEHICLE THAT HAS BEEN USED FOR RALLYING, RACING OR RACING-TYPE ACTIVITIES OR OFF-ROAD USE;

(6) PRESENTED FOR WARRANTY COVERAGE BY A PERSON OTHER THAN THE PURCHASER; OR

(7) PRESENTED FOR WARRANTY COVERAGE AFTER BEING USED ON A VEHICLE OTHER THAN THE ONE ON WHICH IT WAS ORIGINALLY INSTALLED.

3. Reservation of Rights

Eibach reserves the right to make changes in design, materials and specifications, and to make changes to Products without prior notice. Eibach does not assume any obligation to modify any previously manufactured Products.

4. Exclusion of Other Warranties

These Warranties are the entire and only Warranties for the Products and may not be modified or supplemented by any other person or company in any form. Any description of the Products, by anyone, is for the sole purpose of identifying them, is not part of the basis of the bargain, and does not constitute a warranty that the Products will conform to that description.

The use of any sample or model in connection with these Warranties or the sale of any Products is for illustrative purposes only and is not a warranty that the goods will conform to the sample or model. The statements of any salesperson do not constitute part of these Warranties or any warranty at all and cannot be relied upon as a warranty.

THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ANY IMPLIED WARRANTIES ARE DISCLAIMED TO THE FULLEST EXTENT PERMITTED BY LAW AND SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCT. THESE WARRANTIES DO NOT COVER CONSEQUENTIAL DAMAGES, LOSS OF TIME OR REVENUES, INCONVENIENCE, LOSS OF USE OF THE VEHICLE, DAMAGE TO THE VEHICLE OR COMPONENTS OF THE VEHICLE, ANY OTHER TYPE OF CONSEQUENTIAL DAMAGES, OR OTHER INCIDENTAL OR INDIRECT DAMAGES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages; in such states the above limitations or exclusions may not apply. These Warranties give the Purchaser specific legal rights and the Purchaser may have other rights that may vary from state to state.

5. Warranty Claim Procedure

To make a claim, the Purchaser should contact the Eibach dealer/distributor from which the Products were originally purchased. The dealer/distributor should then contact Eibach to obtain a Return Goods Authorization (RGA) number to return the Products to Eibach. Any and all returns must be accompanied by (1) an RGA number, (2) a sales receipt verifying the purchase of the Products, and (3) a statement containing the Purchaser's name, address, make and model of the vehicle, and a brief description of the claimed defect, including the circumstances under which the defect occurred. Warranty related inquiries should be sent to the following address:

Eibach Springs, Inc.
C/O Customer Service Department
264 Mariah Circle
Corona, CA 92879-1751

Eibach will not accept Product returns without the RGA number, receipt and statement described above. C.O.D. or collect shipments will be refused. Once the returns are received at Eibach, Eibach will evaluate the Products, verify the sales receipt, and investigate the statement.

The Purchaser is responsible for returning the Products to the Eibach dealer/distributor, including shipping costs as well as costs incurred for removing and installing the Products on the vehicle. Eibach does not warranty labor costs.

CALIFORNIA PROPOSITION 65 WARNING

WARNING: This product can expose you to chemicals such as Nickel and Methanol that is known to the State of California to cause cancer, birth defects and reproductive harm. For more information go to www.P65Warnings.ca.gov



Applies to: PRO-TRUCK SHOCK, PRO-TRUCK SPORT SHOCK

WARNING: This product can expose you to a chemical such as Carbon Black that is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov



Applies to: PRO-KIT, Eibach Motorcycle Springs, Eibach Race Springs and ANTI-ROLL-KIT

WARNING: This product can expose you to a chemical such as Titanium Dioxide that is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov



Applies to: SPORTLINE, Eibach Motorcycle Springs, Eibach Race Springs and ANTI-ROLL-KIT

W E L C O M E T O T E A M E I B A C H

You are now part of an elite team of enthusiasts who truly appreciate the legendary performance of Eibach suspension.

We want to see what you're working on and share your story, so be sure to tag #teameibach and #lifted, #lowered or #race on your posts!



 @eibach_world

 /Eibach

 @eibach_racing

 EibachUSA

The Eibach logo, featuring the word "Eibach" in a stylized, italicized font with horizontal lines above the letters, set against a red background.