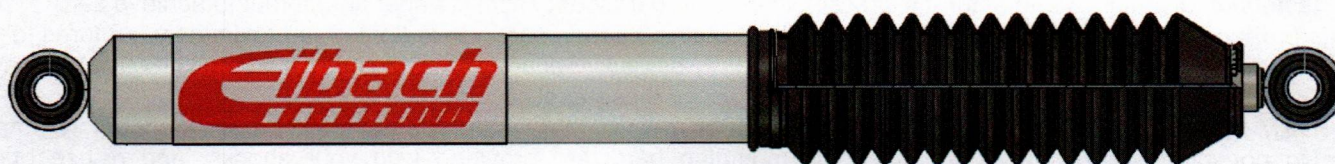


Installation Instructions

Eibach Springs, Inc. • 264 Mariah Circle • Corona, California 92879-1751 • USA • Tech Support 800-222-8811 Ext 114

Pro-Damper - # E60-23-007-02-01

Contents	Description	Part Number	Qty
	Damper Assy.	38169.8004.1	1
	Dust Boot	84-2015	1
	Hourglass Bushing	84-1368	2
	Sleeve	84-1200CZ	2
	Rod End Assy.	28-1685	1
	Zip Tie	H70065500	1
	Information Kit	EPAK	1
	Installation Instructions	38169.8004INST	1



NOTES: Read All Instructions Before Beginning Installation

1. Park vehicle on level surface and set emergency brake. Raise and support the vehicle with safety stands. Refer to factory manual for proper location of safety stands.
2. Power washing your chassis will make the installation cleaner.
 - **NOTE:** Never work on or under a vehicle unless it is properly supported by safety stands.
3. Loosen and remove the OE shock per the factory recommended removal procedure.
4. Installation of the Eibach Pro Damper shock should be done in the reverse order of removal.

Shock Instructions and Safety Tips

Installation

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 SPRINGS for any necessary service or repairs.

PLEASE READ THESE INSTRUCTIONS ENTIRELY BEFORE BEGINNING

- Proper installation is a must to realize the maximum performance improvements. Follow these steps carefully.

USE THE RIGHT SHOCK FOR YOUR VEHICLE

- Use EIBACH SPRINGS 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.

IMPORTANT INSTALLATION 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 SPRINGS 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.



Installation Instructions

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



PRO TRUCK COILOVER E86-23-007-01-20

Kit Contents

Description	Part Number	Quantity
Coilover Assembly 2.0	38169.9003	2
Height Adjustment Tool	ETCO 2.0	1

Tools List

15mm wrench and socket	18mm socket and wrench	Pry bar
13mm socket	17mm wrench or socket	Pull strap
10mm socket and wrench	5mm Allen key	
T25 torques bit	3/8 torque wrench	
21mm socket	1/2 torque wrench	

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.

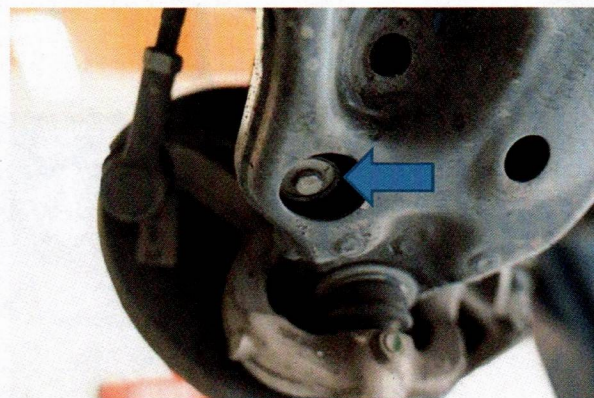
Never work on or under a vehicle unless it is properly supported.

Installation



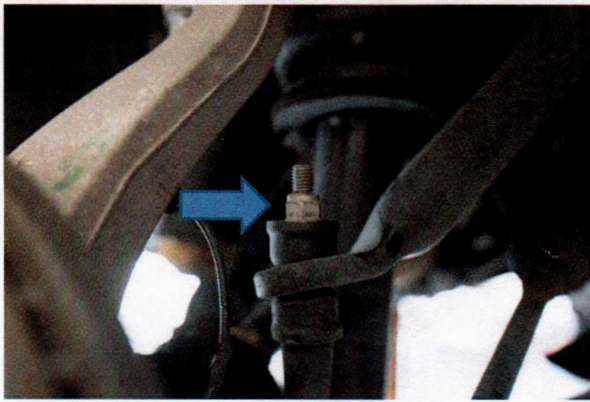
Step 1

Step 1. Loosen and remove 4 15mm Bolts for under tray.



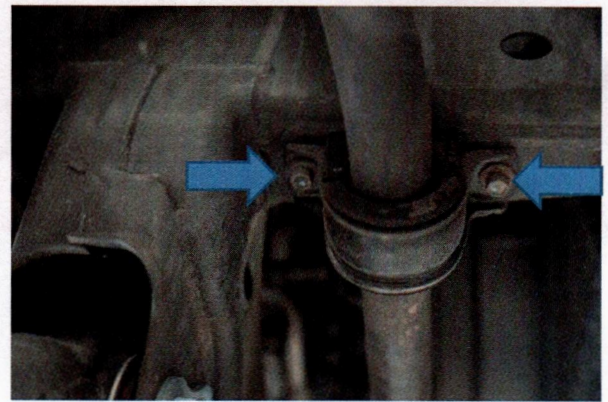
Step 2

Step2. Use a 13mm socket to hold the end link at the bottom of the control arm



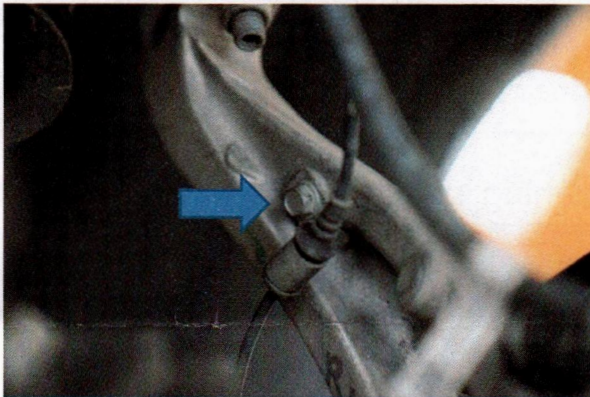
Step 2B

Step 2B. Loosen and remove the 15mm nut on top of the end link while holding the bottom with the 13mm socket from step 2.



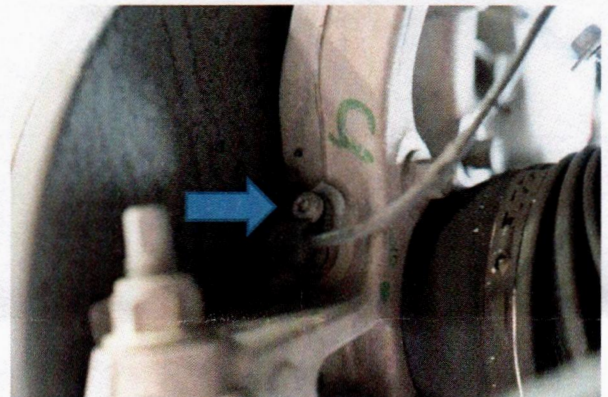
Step 3

Step 3. Remove the 10mm bolts from the sway bar D-Brackets on both sides. Sway bar will fall so take caution when removing these bolts.



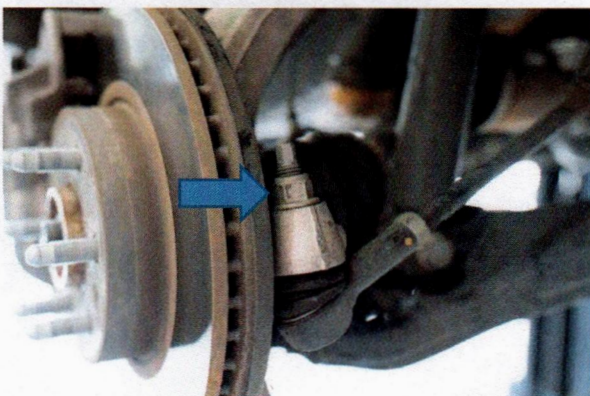
Step 4

Step 4. Remove 10mm for wheel speed sensor.



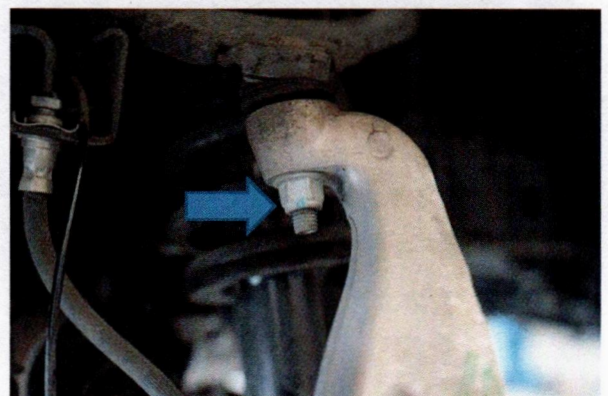
Step 5

Step 5. Remove T25 torx screw for the abs line to knuckle



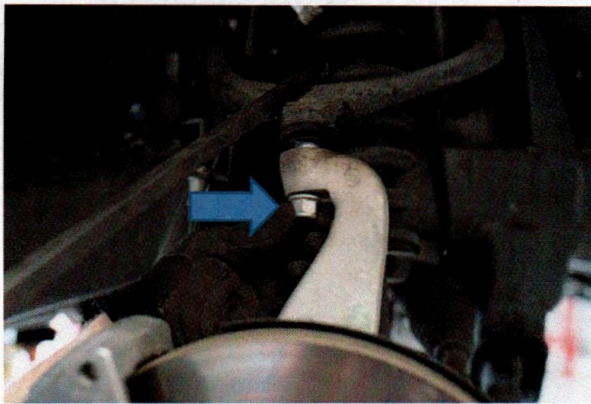
Step 6

Step 6. Loosen and remove 21mm nut for tie rod end. (This may or may not need to be shocked to get the arm to drop because knuckle is aluminum)



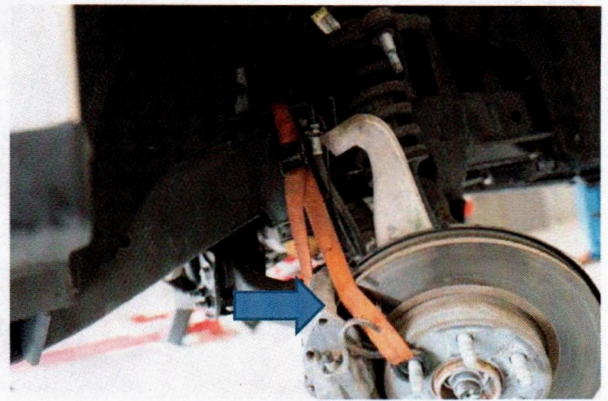
Step 7

Step 7. Loosen 18mm nut for the upper ball joint, but do not remove at this time.



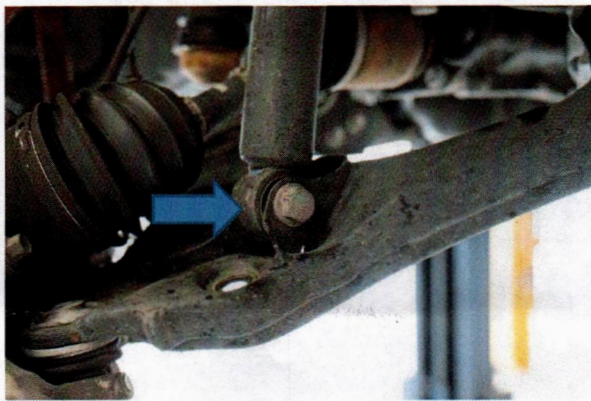
Step 7b

Step 7b. Pry down on the upper control arm and remove the 18mm nut.



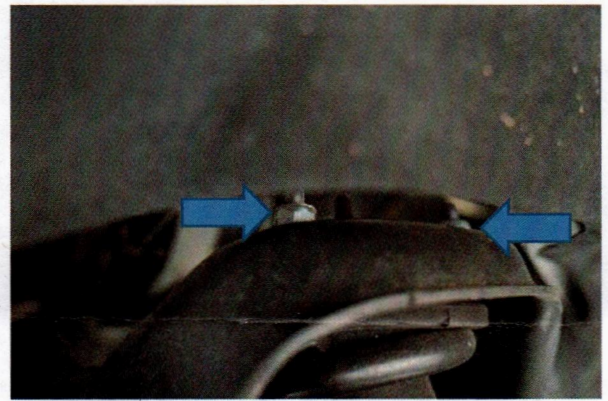
Step 7c

Step 7c. Tie up the knuckle so it doesn't fall or stretch the brake line.



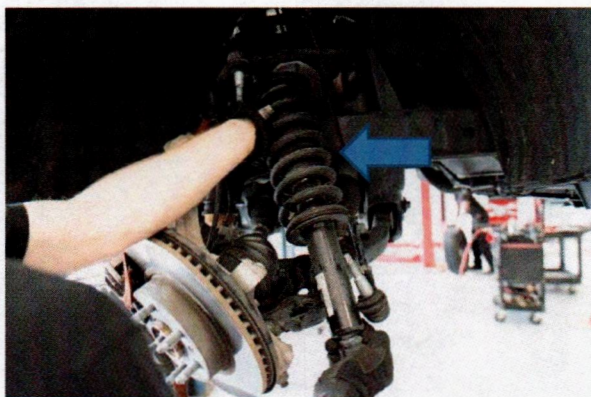
Step 8

Step 8. Loosen and remove the lower 21mm shock bolt. (Do not try and remove the nut on the back side as it is welded to the control arm)



Step 9

Step 9. Loosen and remove the 3x 18mm Nuts from the top hat.



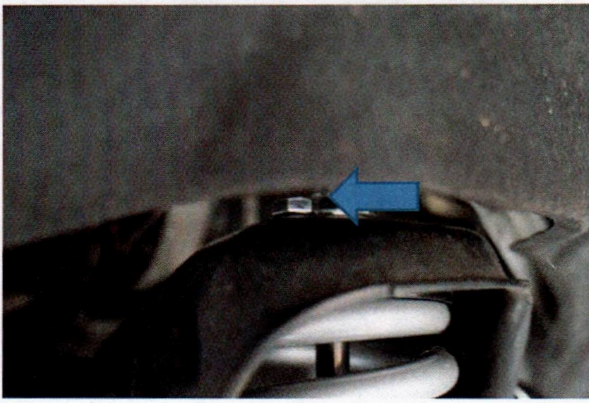
Step 10

Step 10. Remove strut from vehicle being cautious that it may fall when you remove the last nut.



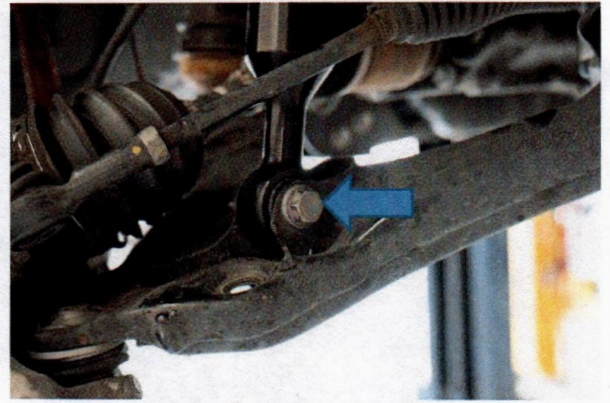
Step 11

Step 11. Install the new Eibach coil over



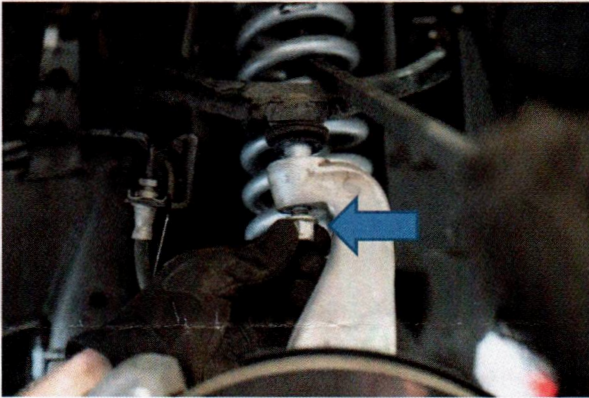
Step 12

Step 12. Install the 3x 17mm bolts and washers included with the kit to (35 ft-lb)



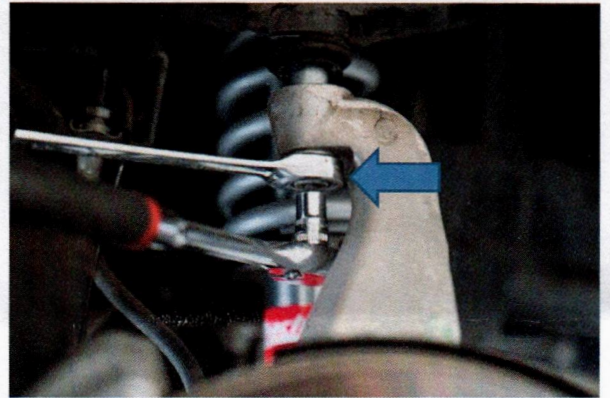
Step 13

Step 13. Re install the 21mm bolt and torque to (74 ft-lb + 25-35 degrees)



Step 14

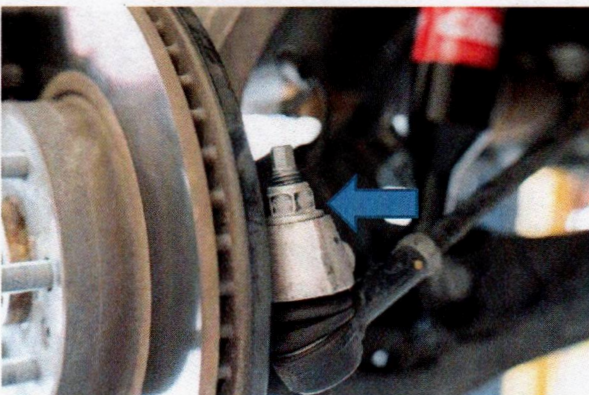
Step 14. Pry down on the upper control arm and re install (hand tight) 18mm nut for the ball joint



Step 14b

Step 14b. Use a 5mm Allen key to hold the ball joint while tightening the 18mm nut. Torque to (37 ft-lb 90-110 degrees)

+



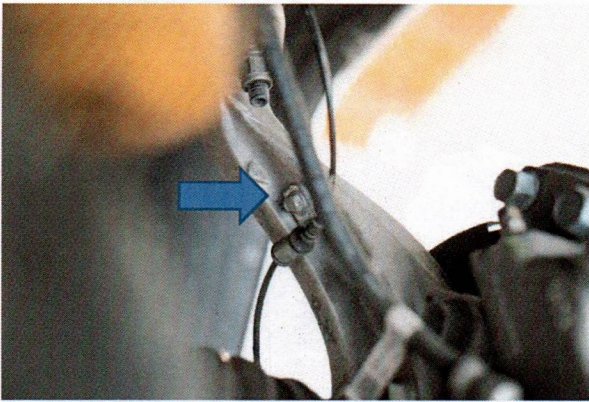
Step 15

Step 15. Re install the 21mm nut for the tie rod end and torque to (55 ft-lbs + 90-105 degrees)



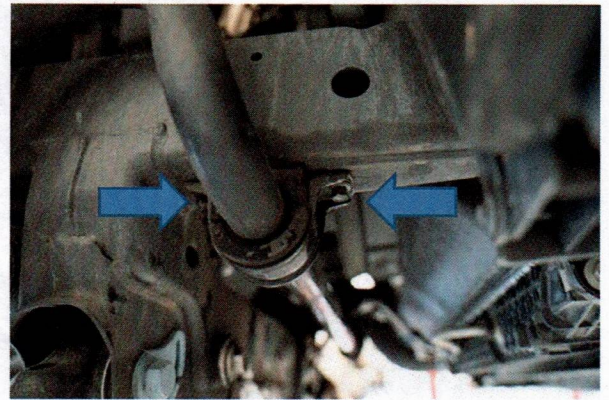
Step 16

Step 16. Re install the T25 torx screw and torque to (53 lb-in NOT LB-FT)



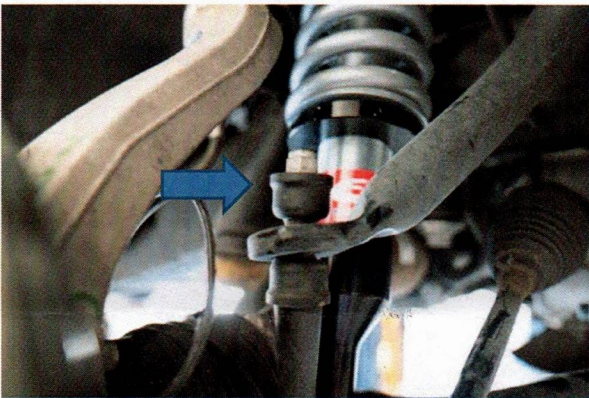
Step 17

Step 17. Re install the 10mm bolt on the back of the knuckle.



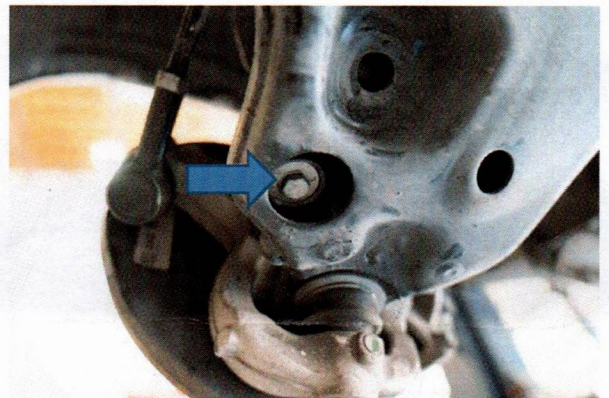
Step 18

Step 18. Re install the sway bar and the 4x 10mm bolts to (37 ft-lb) and note: short bolts are for the front and long is for the rear of the D-Bracket



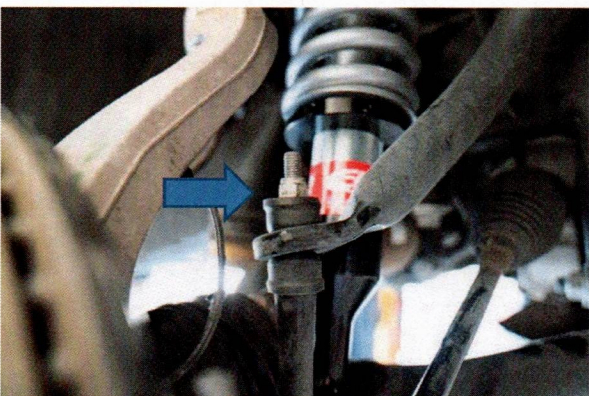
Step 19

Step 19. Re install the end link and tighten 15mm nut to (22 ft-lb)



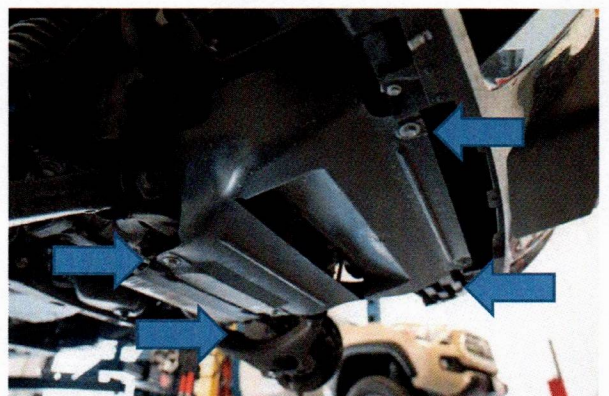
Step 19b

Step 19b. Be sure to hold the end link with a 13mm socket so it doesn't spin when you tighten the 15mm nut.



Step 19c

Step 19c. example



Step 20

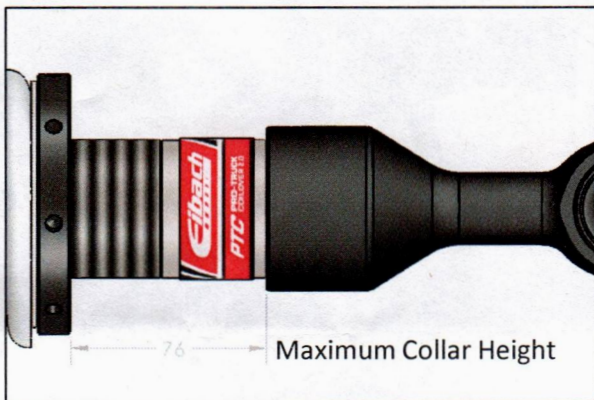
Step 20. Re install under tray and the 4x 15mm bolts torque to (18 ft-lbs)



Step 21

Step 21. Torque wheel to 140 ft-lb

Step 22. Double check and make sure everything is tightened and properly positioned, then, road test the vehicle and retighten if necessary.



Note: Do NOT go above a spring collar height of 76mm 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

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.