

Installation Instructions

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PRO-TRUCK COILOVER 2.5": E83-35-059-01-20

2015+ FORD F150 4WD with 2.7L - 3.5L – 5.0L

Notes

- Exact lift heights may vary due to vehicle weight distribution/ model
- Out of box coil over preload set to 50mm (1 9/16 "), 2" of lift.
- Exceeding the maximum specified lift will result in damage to the shock.

Kit Contents

Description	Part Number	Quantity
PRO-TRUCK COILOVER	35167.9103	2
HARDWARE KIT	35148.8000HK	2
SPANNER WRENCH	ETCO2.0	1

Installation Notes

Read all instructions before beginning installation

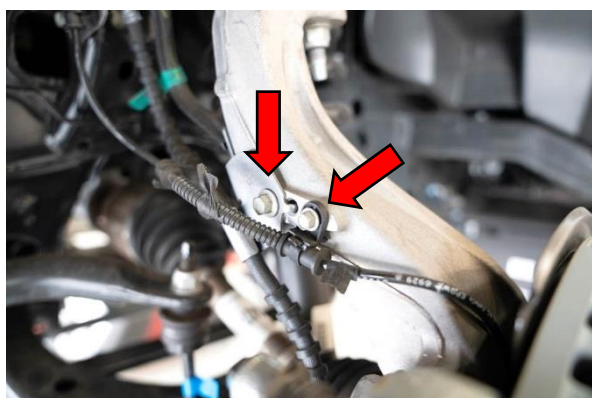
- Only qualified mechanics experienced in the installation and removal of suspension components should perform this installation.
- Use of a hoist and screw jack is highly recommended and will substantially reduce installation time.
- Never work on or under a vehicle unless it is properly supported by 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.



1. Lift the vehicle and remove the front wheels.



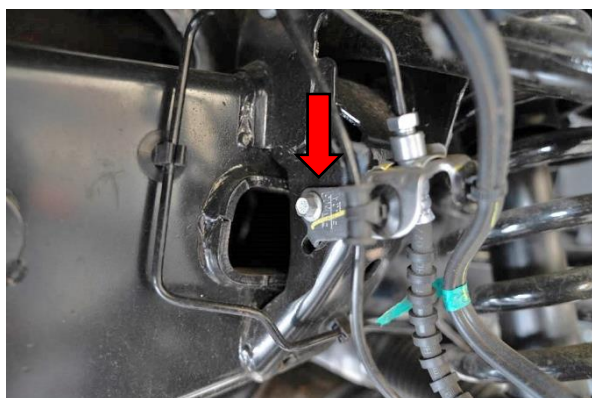
2. Remove the wheel speed sensor from the brake line bracket.



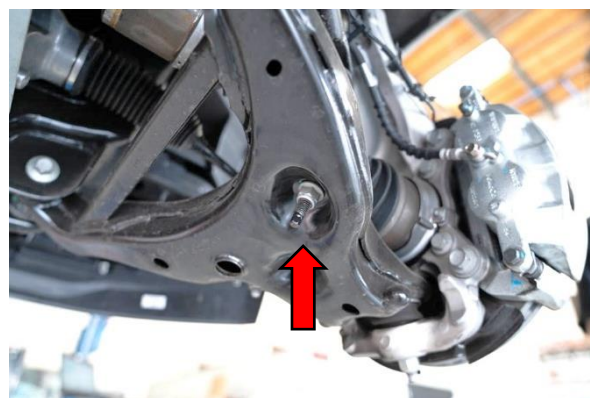
3. Remove the bolt that secures the ABS wire to the brake line bracket with an 8mm socket, remove the bolt that secures the brake line bracket to the knuckle with a 10mm socket.



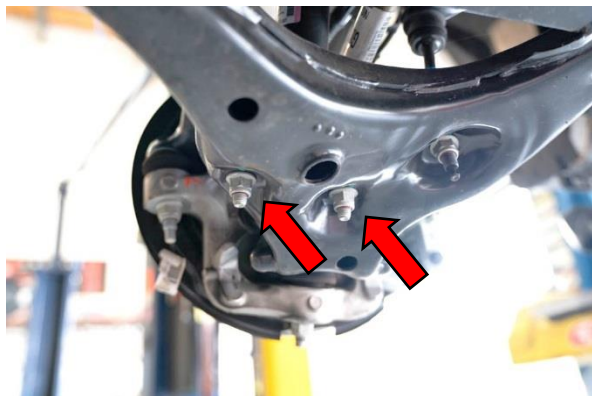
4. Detach the wheel speed sensor line from the brake line grommet to reduce chances of stretching the wire.



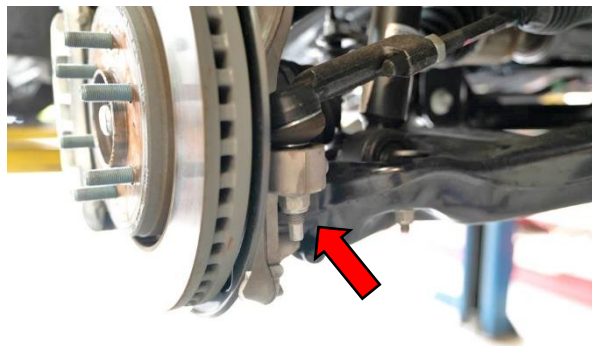
5. Remove the bolt that secures the brake line bracket to the frame with a 10mm socket.



6. Remove the nut that secures the end link to the lower control arm with an 18mm socket.



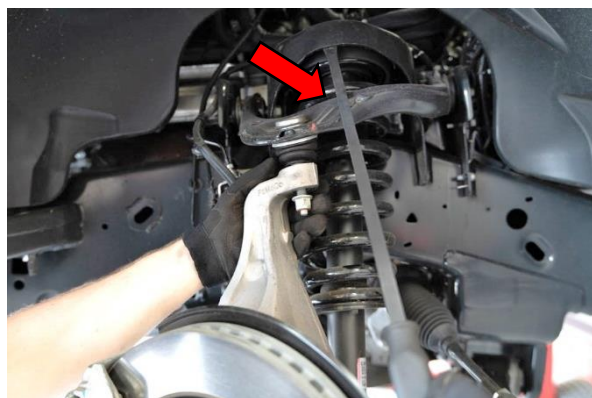
7. Remove the two lower shock mount nuts with an 18mm socket.



8. Remove the nut that secures the tire rod to the knuckle with a 21mm socket.



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



10. Pry down on the upper control arm to remove the ball joint nut.



11. Slowly let the control arm upwards to release the ball joint from the knuckle.



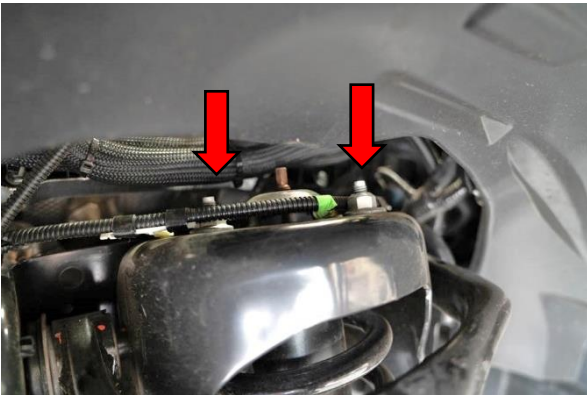
12. Use a tie strap to keep the knuckle from drooping down.



13. 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.



14. OE lower shock mount bolts removed from the lower shock mount.



15. Remove the three nuts that secure the upper shock mount with an 18mm socket



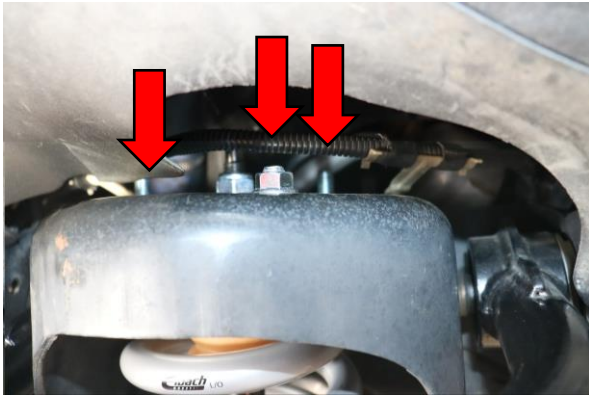
16. Pry under the right side of the bar pin and be careful not to pry the shock into the CV boot as this WILL rip the cv boot.



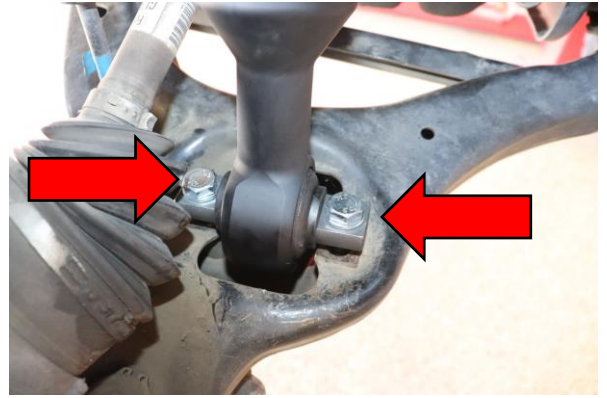
17 Remove the OE shock



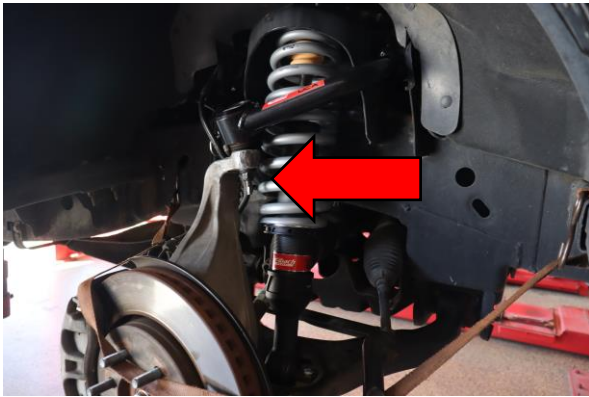
18. Install EIBACH PRO-TRUCK COILOVER 2.5.



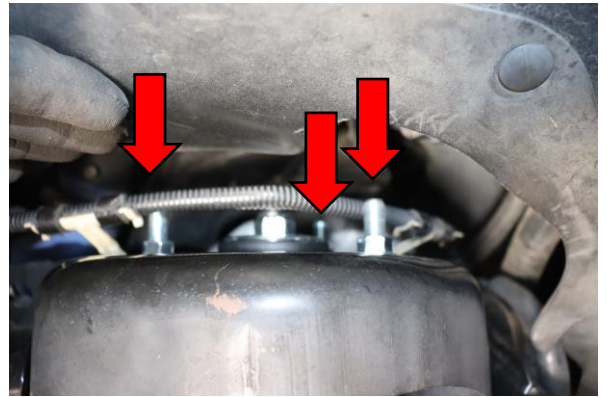
19. Install but don't tighten top hat hardware.



20. Install lower shock mount onto lower control arm. Install hardware kit provide in kit to lower arm. Torque both bolts to 66 ft-lbs.



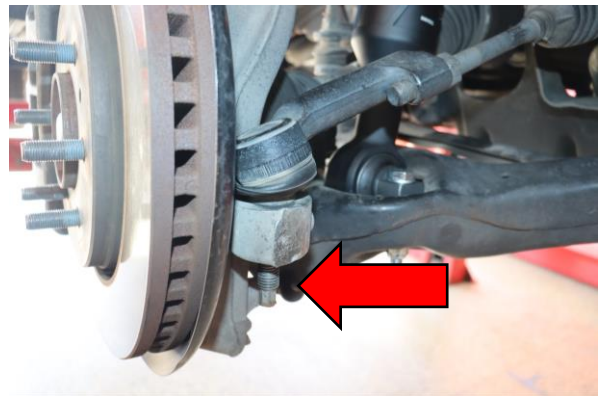
21. Lower upper control arm to steering knuckle and install ball joint to knuckle and torque to 85ft-lbs.



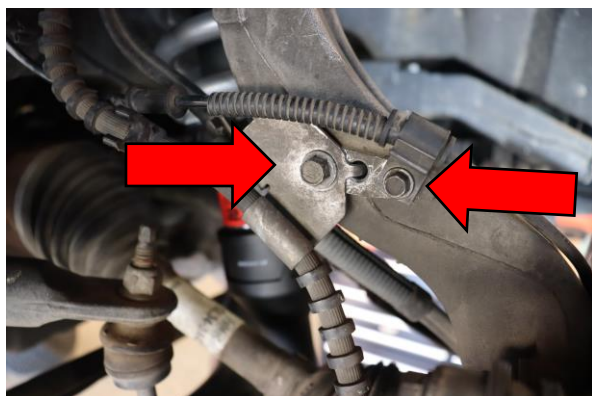
22. At this time torque the upper shock mounting hardware 3x 15mm to 44 ft-lbs.



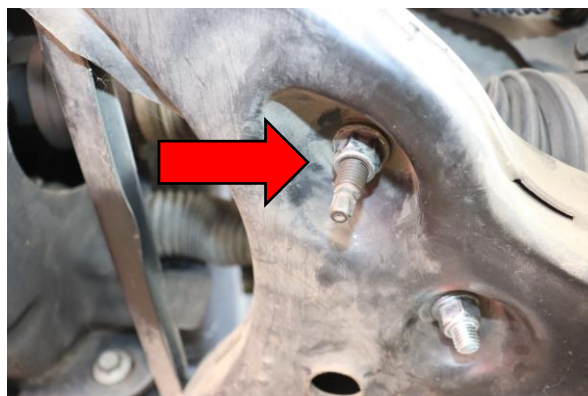
23. Remove strap or jack supporting hub.



24. Install outer tie rod to steering knuckle and torque to 85 ft-lbs.



25. Reinstall abs line back to bracket and install 10mm bolt from bracket to spindle.



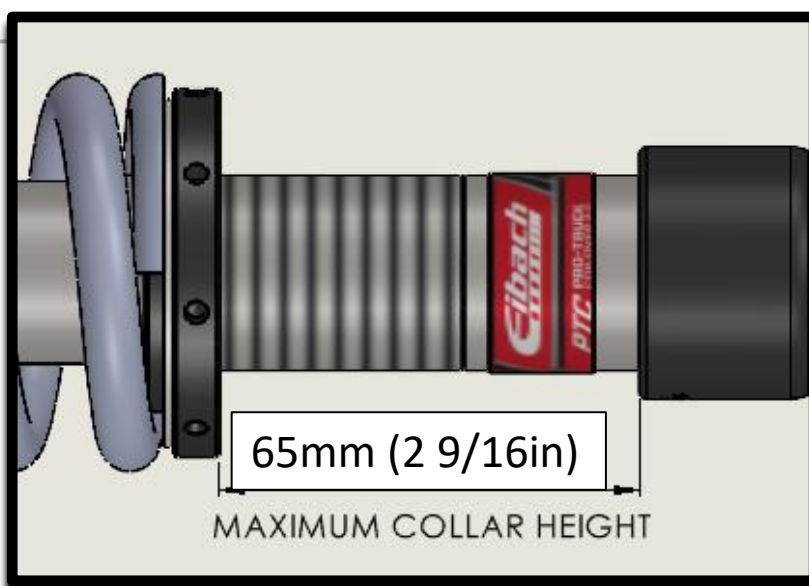
26. Install and torque to 60 ft-lbs lower sway bar link to lower control arm.



27. Install wheel and repeat instructions to other side. Vehicle will require alignment after installation of kit. shocks



28. NOTE: Some models require ride height adjustment adding extra preload to shocks to level front. DO NOT ADD PRELOAD ABOVE 65MM (2 9/16) INCHES WILL DAMAGE SHOCK AND CAUSE ROUGH DRIVABILITY.



NOTE: DO NOT GO ABOVE A SPRING COLLAR HEIGHT OF 65mm (2 9/16) inches FROM BOTTOM OF COLLAR TO BASE, ASE SHOWN OR ELSE DAMAGE TO THE SHOCK AND SUSPENSION WILL OCCUR.