



COILOVER KIT

(2015-2020 4WD F-150, Excluding Raptor)

INSTALLATION INSTRUCTIONS

CONTENTS

- (2) Adjustable Front Coilover Shocks
- (2) Adjustable Rear Shocks
- (4) Lower Coilover Shock Bolts
- (6) Upper Coilover Shock Nuts
- (1) Spanner Wrench

TOOLS REQUIRED

- Jack and Jack Stands
- 8, 10, 15, 18, 21, 22MM Socket & Ratchet
- Phillips Head Screw Driver
- Pry Bar
- Sledge Hammer

SKU # T543348/T543349

**Front Coilover
STEP 1**

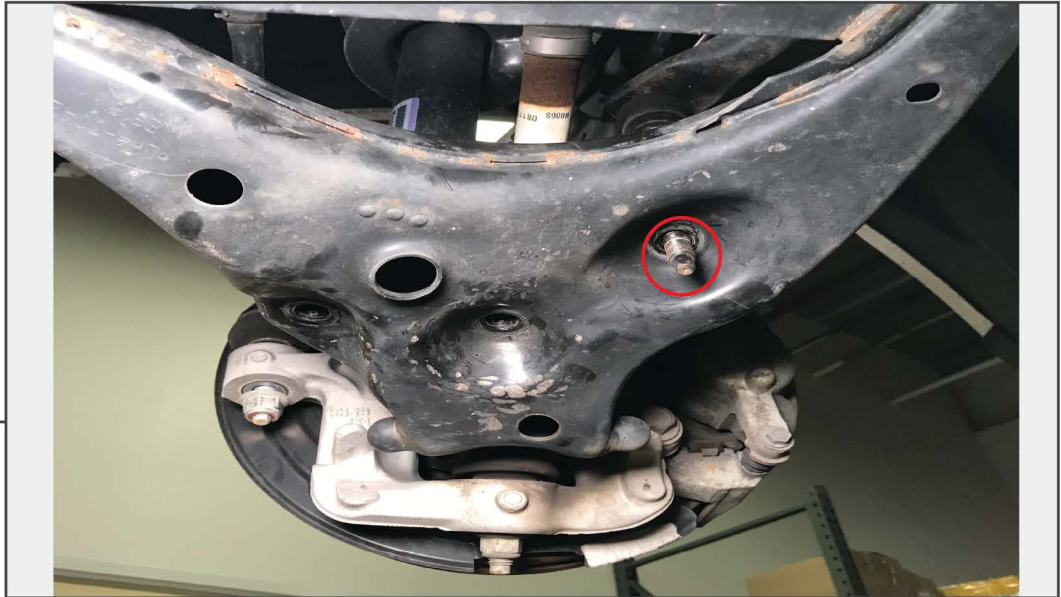


Begin by raising and supporting the front of the vehicle with a jack and jack stands. Using a 22mm socket or lug nut socket, remove the front wheels. Locate and remove the (2) 10mm bolts and (1) 8mm bolt securing the brake lines and abs wiring to the knuckle.

STEP 2

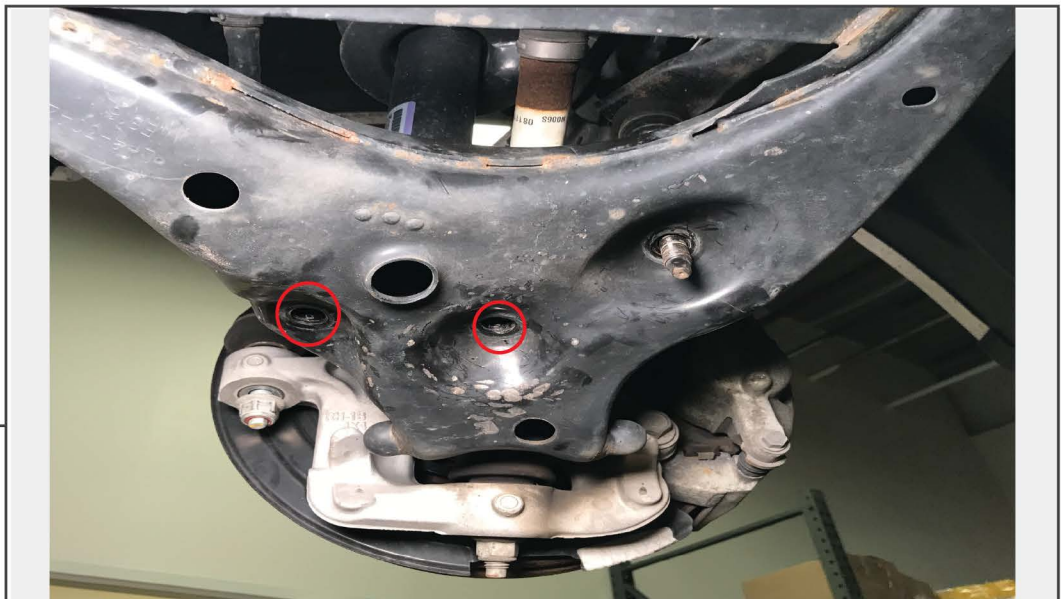


Using a 21mm socket loosen the tie rod nut. Leave the nut on the tie rod to protect the threads. Using a sledge hammer, strike the knuckle to separate the tie rod from the knuckle. Then remove the nut from the tie rod and the tie rod from the knuckle.



STEP 3

Using a 18mm socket, remove the nut from the sway bar end link.



STEP 4

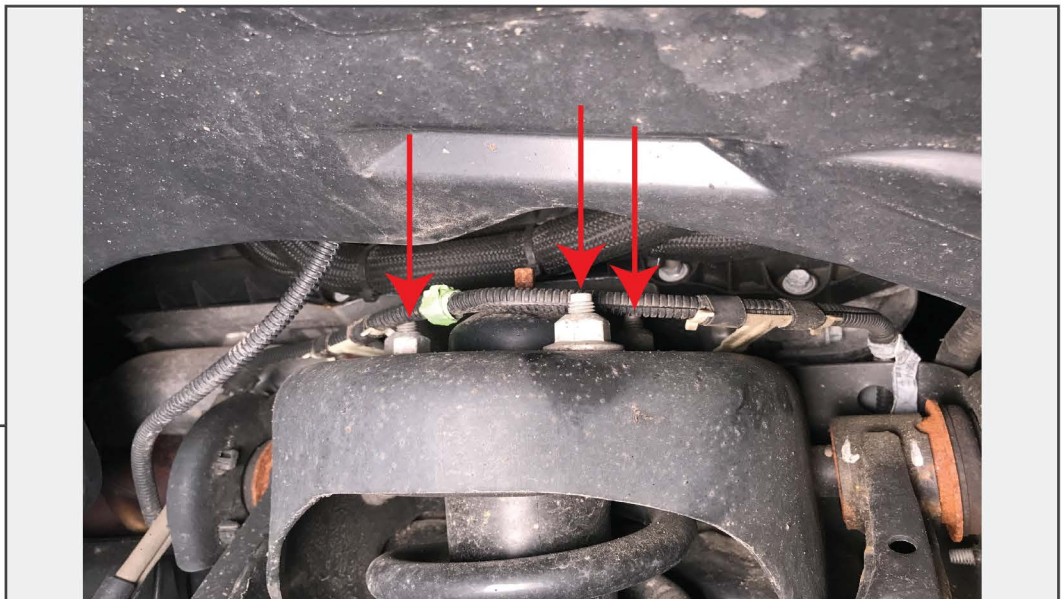
Using a 18mm socket, remove the (2) nuts securing the strut assembly to the lower control arm. Once the nuts are removed the strut studs will remain. These studs are pressed into the strut from the factory and will need to be removed to make removing the strut easier. Using a sledge hammer, hammer the studs up and out of the strut. **This takes patience, they are not easy to hammer out.

STEP 5



Using a 18mm socket, loosen the nut securing the upper ball joint to the knuckle. Using a sledge hammer, strike the knuckle to separate the ball joint from the knuckle. Remove the nut to separate the control arm from the knuckle. This will allow additional space when removing the strut assembly from the vehicle.

STEP 6



Using a 14mm socket, remove the (3) nuts securing the strut to the vehicle. Remove the strut assembly from the vehicle.

STEP 7



Install the coilover assembly. Rotate the upper strut mount as needed to align the mounting holes. Torque upper nuts to 52 lb. ft. and install the lower bolts and torque to 66 lb. ft.

STEP 8



Reinstall the front end components in reverse order. Adjust ride height by raising or lowering the spring perch. Set to desired height and tighten locking collars against each other. Front strut installation is not complete.

Suspension Torque Specifications:

- Upper Ball Joint: 46 lb. ft.
- Sway Bar Endlink Nut: 59 lb. ft.
- Tie Rod End: 76 lb. ft.

**REAR Coilover
STEP 9**



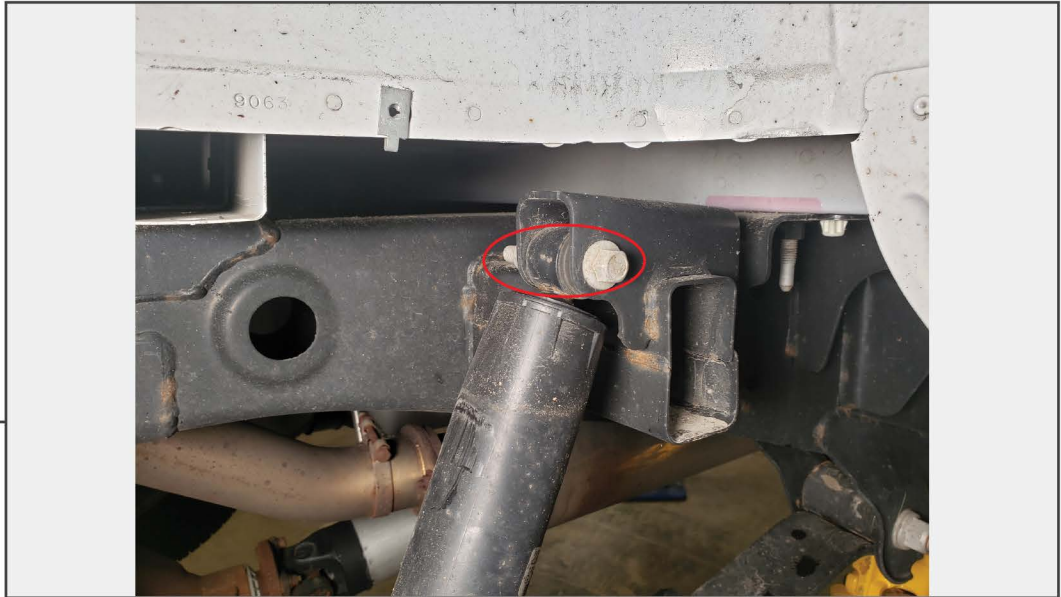
Begin by raising and supporting the rear of the vehicle using a jack and jack stands. Support the rear axle using the jack. Using a lug nut socket remove the rear wheels from the vehicle.

STEP 10



Using a Phillips head screw driver, removed the (4) screws securing the fender liner to the vehicle.

STEP 11

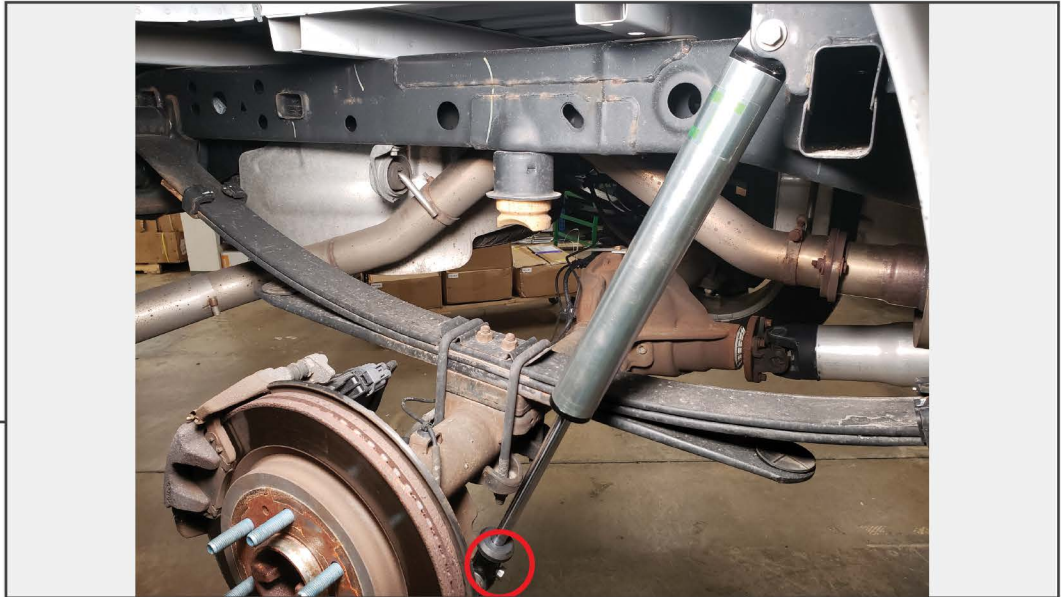


With the fender liner removed, locate the upper shock mount. Remove the upper shock bolt using a 15mm & 18mm socket and ratchet.

STEP 12



Locate the lower shock mount. Remove the lower shock bolt using a 15mm & 18mm socket and ratchet. Remove the shock from the vehicle.



STEP 13

Install the new shock using the original hardware. If equipped, ensure any valving is easily accessible and will not interfere with any other suspension components. Torque shock fasteners to 66 ft. lbs. Reinstall the fender liner and reinstall wheels torque to 150 lb. ft. Installation is now complete.