



Product:

Lowering Springs

Part Numbers:

410-302001-N

Applications:

2016-2018 Ford Focus RS

Contents in the box:

Qty	Part #	Description
2	00P-0P2504-N	Front Coil Spring
2	00P-0P2505-N	Rear Coil Spring

Difficulty of Installation: Beginner |-----x-----| **Advanced**

Reason: This is a straight forward installation that does require some automotive skill, and adequate tool availability.

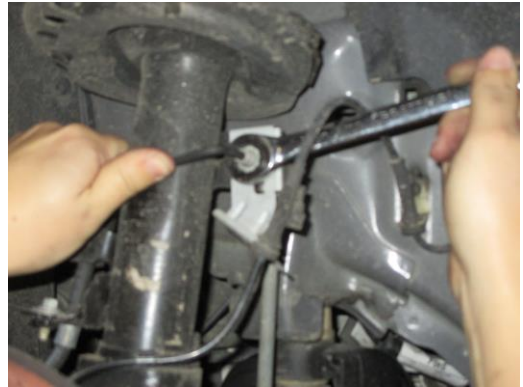
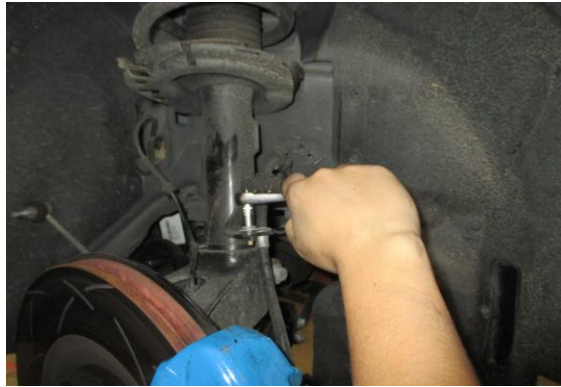
Expected Installation Time: 4 Hours

Recommended Tools:

- 22mm & 13mm box end
- 8, 15, 18 mm sockets
- 3/8" drive ratchet
- 1/2 drive ratchet
- Allen Wrench Set
- 2 Post Lift and Screw Jack (preferred)
- Strut Compressor (can be rented from local auto parts store)

Front OEM Strut Removal

1. Using proper jacking points, lift and support the front of the car on jack stands.
2. Using a 22mm socket remove the front wheels.
3. Position a screw, or floor jack under the front control arm to hold in place.
4. Unbolt the brake line to the strut using a 8mm socket



5. Using a 15mm socket to remove OEM strut into the spindle. Slowly lower the jack and slide strut free from spindle.
6. If the vehicle is equipped with Selective ride you will need to disconnect the connector before removing the OEM strut from the vehicle.



7. Remove the windshield skirt, weather strip to gain access the top (3) strut bolts
8. Using a 13mm wrench, remove the (3) bolts that hold the strut housing into the vehicle. Be careful to use a helper to hold the strut from the bottom of the car.



- Using a strut compressor, remove the factory springs from the strut, by removing the top nut, using a 18mm socket. Remove the upper strut mount, spring seat. It is not necessary to remove the rubber boot, or the bump stop. (Representation photo below)



Front aFe Control Coil Spring Installation

- Using a strut compressor install the stock strut mount, aFe Control spring, and OEM strut. Using a 18 mm socket, tighten the top nut while still in strut compressor by using an impact driver. (Representation photo below)



2. Install the strut assembly into the vehicle by lifting into place, and positioning the upper mount to the body. Having a helper on hand, reinstall the (3) upper bolts using a 13 mm socket.



3. Slide the spindle upright back onto strut and attach the bolt. Using a 15mm socket that holds the OEM strut into the upright and torque to OEM specs.



4. Re-attach sway bar end link and torque OEM specs
5. Re-attach any brake line bolt, and electrical connectors, that were moved during installation.



6. Move to other side of vehicle and repeat process.
7. Reinstall the front wheels using a 22mm socket and torque to 90 lb-ft.

Rear OEM Coil Spring Removal

1. Using proper jacking points, lift and support the rear of the car on jack stands.
2. Using a 22mm socket remove the wheels.
3. Start by unbolting the lower trailing arm bolt using a 15mm socket



4. Slowly lower the control arm to release tension on the OEM springs, and remove spring from vehicle.



Rear aFe Coil Spring Installation

1. Install the factory upper / lower spring seat, onto the new coil spring. Correct orientation would have the part number right side up. Install the OEM rubber isolator on the top of the spring.



2. Using a screw, or floor jack, raise the lower control arm into position, and align control arm to the upright.



3. Using a 15mm socket, reattach the trailing arm and torque to factory specs.



4. Reinstall the rear wheels using a 22mm socket and torque to 90 lb-ft.

When complete take the vehicle to alignment shop for a proper alignment.
Vehicle may take approximately 100 miles to fully settle.

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