



Product:

Lowering Springs

Part Numbers:

410-701001-N

Applications:

2017-2018 Honda Civic Type R

Contents in the box:

Qty	Part #	Description
1	P2500L	Front Driver Side Coil Spring
1	P2500R	Front Passenger Side Coil Spring
2	P2501	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: 2.5 Hours

Recommended Tools:

- 18mm box end
- Metric socket set
- 11/16 socket
- 3/8" drive ratchet
- 1/2 drive ratchet
- Allen Wrench Set
- Ball joint puller
- 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 sway bar end link from the strut using a 12mm socket and unplug the electronic strut wiring harness.



5. Use a 14mm socket to break loose the OEM strut top bolts that hold the strut up.
6. Use a 19mm socket to remove the bolt that hold the ride height sensors onto the lower arm.



7. Remove the 2 bolts using a 18mm socket and box wrench that hold the strut into the spindle.



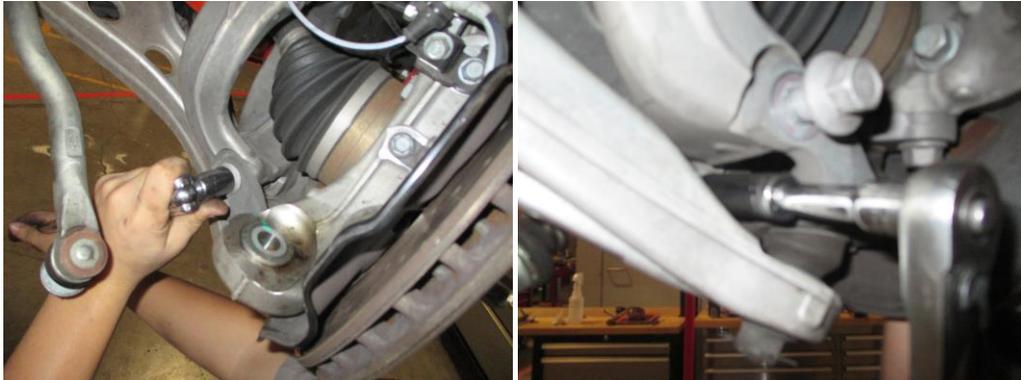
8. Using a 10mm socket remove the plastic shield. This will give you more room to remove the link in the picture. Using a 19mm wrench and a 5mm Allen to remove link.



9. Using a 17mm socket remove the lower arm ball joint nut.
10. After nut is off you will need a ball joint tool to remove ball joint from the lower arm. Spraying with WD-40 will help in removal. There will be a loud POP when the ball joint come free from the lower arm.



11. Once the lower arm is free. Remove the 2 lower bolts using a 17mm socket that run through the spindle.



12. Make sure that you have someone to help you hold the spindle. Once the 2 bolts are out the spindle will separate.

13. Once everything is free it will give you just enough room to pull down the strut to free it from the spindle. "you might have to wedge something in the spindle to help free the strut."

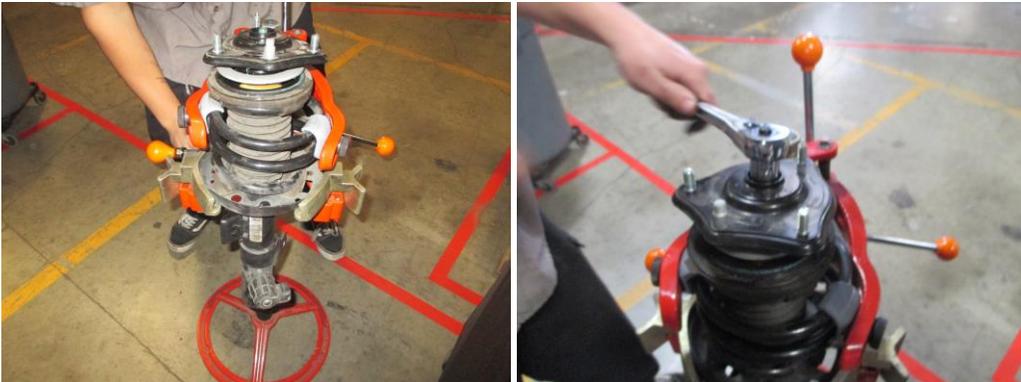


14. Last make sure you remove the top 3 bolts you broke lose earlier so you can remove the strut from the vehicle

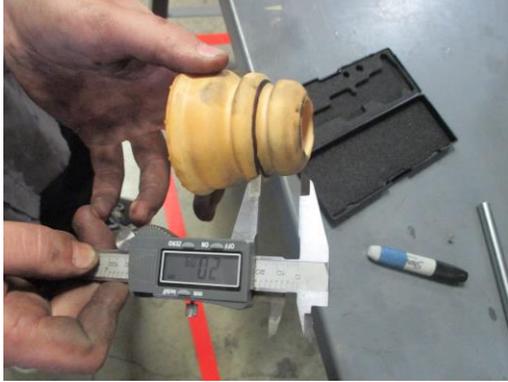


Front aFe Control Coil Spring Installation

1. Using a strut compressor install the stock strut mount, aFe Control spring, and OEM strut. Using a 18 mm socket, loosen the top nut to remove top mount.



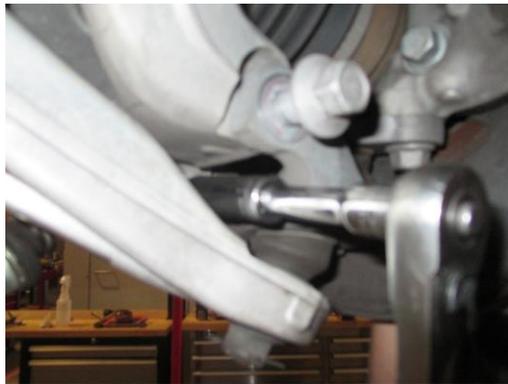
2. Once the spring is off the strut. Remove the stock rubber bump stop and make with a sharpie to remove 22mm off the bump stop.
3. Reinstall the stock spring mounts onto the AFE Control spring “as shown in photo” **Note there are specific left and right springs for this application.**
4. Reinstall the rubber bump and spring to the strut.



5. Slide the spindle upright back onto strut and attach the 3 upper bolts. Using a 14mm socket torque to OEM specs.



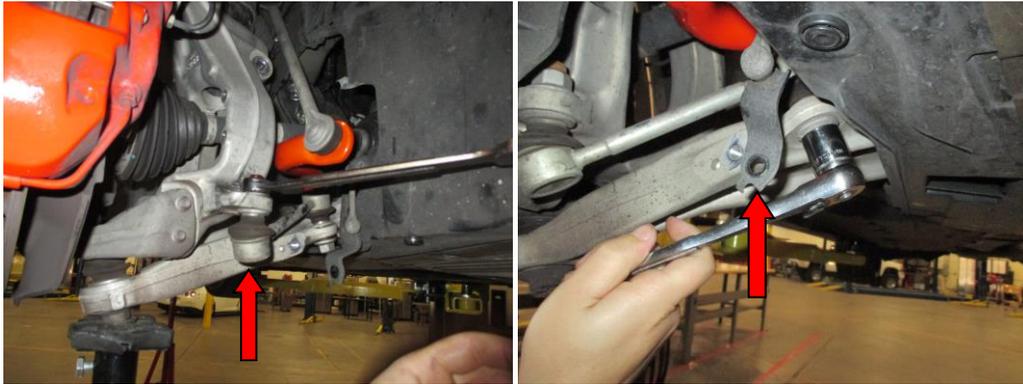
6. Reinstall the strut into the spindle. “WD-40 will help with reinstalling the strut”
7. Re-attach the lower 2 bolts on the bottom of the spindle.



8. Once the lower bolts are tight. Push the spindle up and tighten the 2 strut bolts.



9. Reinstall the sway bar end link, ride height sensor, and reinstall the linkage back on the spindle housing.



11. Reinstall the brake line bracket onto the spindle and reinstall the strut electronics plug.



13. Make sure everything is tight and torqued to OEM specs. Reinstall the wheel and torque to OEM specification.

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 12mm socket
4. Remove the sway bar end link bolt on the lower control arm using a 11/16 socket.



5. 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.



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



- Using a 12mm socket, reattach the trailing arm and torque to factory specs.
- Using a 11/16 socket, reattach the sway bar end link to lower control arm and torque to factory specs



- Reinstall the rear wheels using a 22mm socket and torque to factory specification.

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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