



SPORT COILOVER KIT

(2016-2024 CAMARO)

INSTALLATION INSTRUCTIONS

CONTENTS

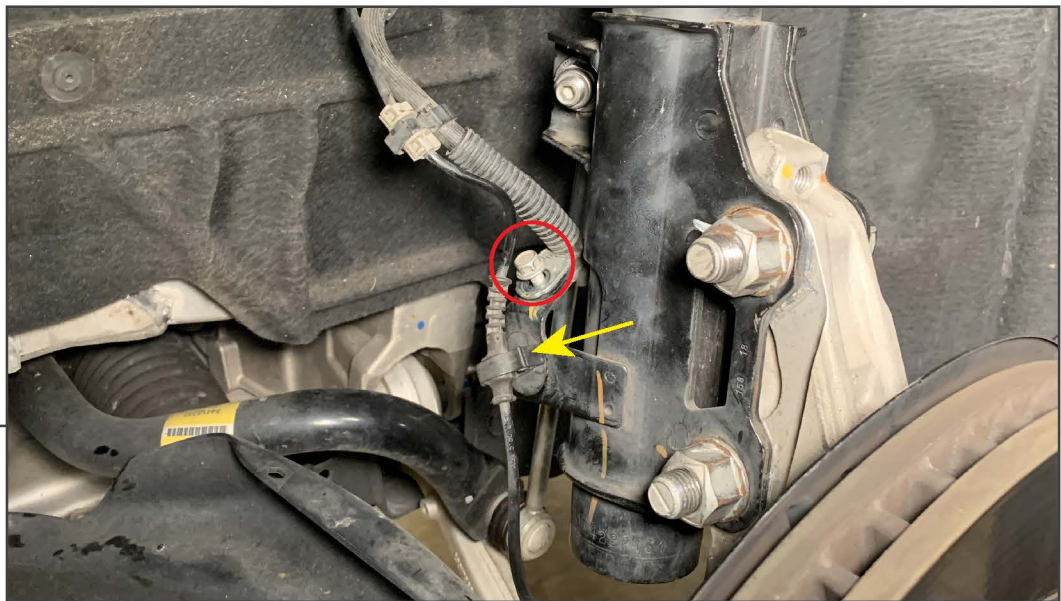
- (1) LH Front Coilover Assembly
- (1) RH Front Coilover Assembly
- (2) Rear Coil Springs
- (2) Rear Adjustable Spring Mounts
- (2) Rear Adjustable Shock Absorbers
- (2) Spanner Wrenches
- (2) Dampening Knobs

TOOLS REQUIRED

10mm, 13mm, 15mm, 17mm,
18mm, 19mm, 21mm, 22mm
Sockets/Wrenches
5mm Allen Key/Socket
Ratchet
Pry Bar
Hammer
Floor Jack and Jack Stands
Panel Removal Tool

**STEP 1
(FRONT)**

Safely lift and support the vehicle in the air using a floor jack and jack stands. Remove the front wheels to reveal the suspension components.

STEP 2

Locate the vehicle ABS wire and brake line retainer brackets attached to the vehicle strut assembly. Dislodge the wire from the plastic retainer using a flathead screwdriver, and unbolt the brake line using a 10mm socket.

Note: The 10mm bolt will be reused.



STEP 3

Remove the (1) 18mm nut from the top of the sway bar link attaching the sway bar to the vehicle strut.

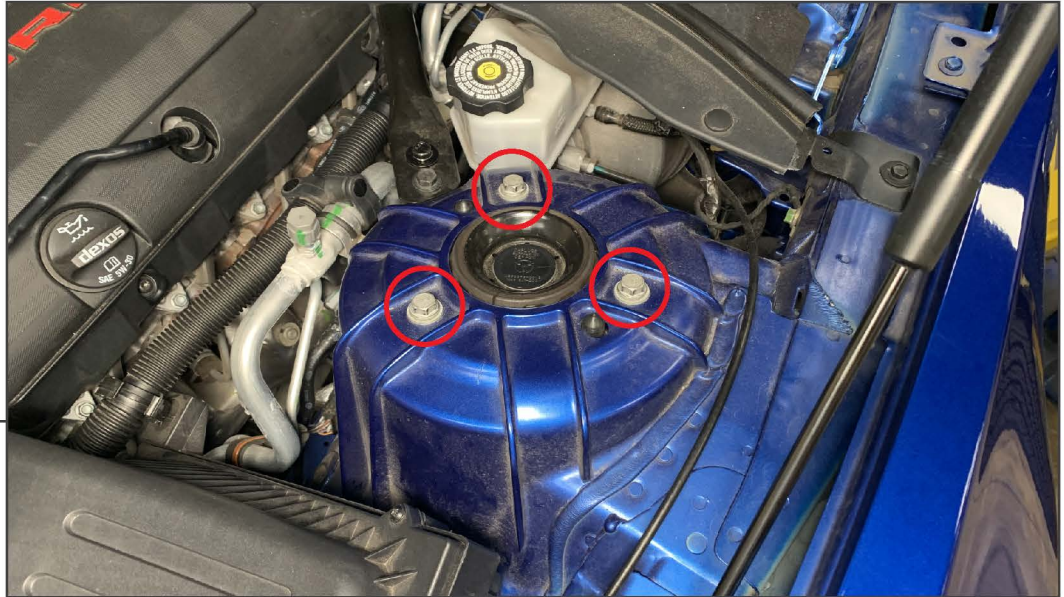
Note: Repeat this step for the opposite side of the vehicle to allow the sway bar to hang freely away from the other suspension components. The nuts will be reused.



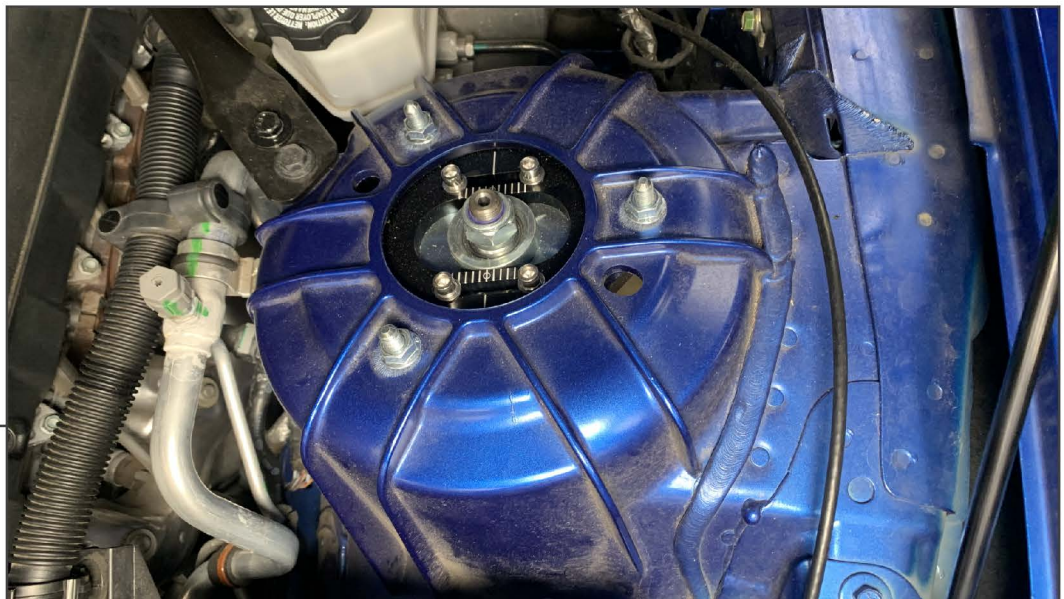
STEP 4

Remove the (2) 22mm nuts from the strut lower mounting bolts. Then, remove the bolts from the steering knuckle.

Note: The bolts are splined under the bolt heads and will require hammering out of place. Keep the nuts loosely threaded on the bolts while hammering to prevent bolt damage. The bolts and nuts will be reused.

STEP 5

Open the vehicle hood, and locate the (3) 13mm bolts securing the top of the strut to the vehicle. Remove the bolts and remove the strut assembly from the vehicle.

STEP 6

Determine the correct front coilover assembly by comparing the original strut mounting points to the new coilover. Once determined, fit the top of the coilover assembly into the vehicle strut tower. Secure the coilover to the strut tower using (3) 13mm nuts. Take note to the direction of the caster/-camber plates to allow for adjustability.

Note: Do not fully tighten the nuts until the vehicle is on the ground.

STEP 7

Lower the coilover lower mount moderately, then lift and align the vehicle steering knuckle to the coilover assembly. Secure the steering knuckle and brake line using the original hardware. Secure the ABS line into the mounting bracket on the coilover.

STEP 8

Repeat steps 1-7 for the remaining coilover on the opposite side of the vehicle. With both front coilovers installed, install the sway bar links onto the coilover on each side of the vehicle using the original 18mm nuts.

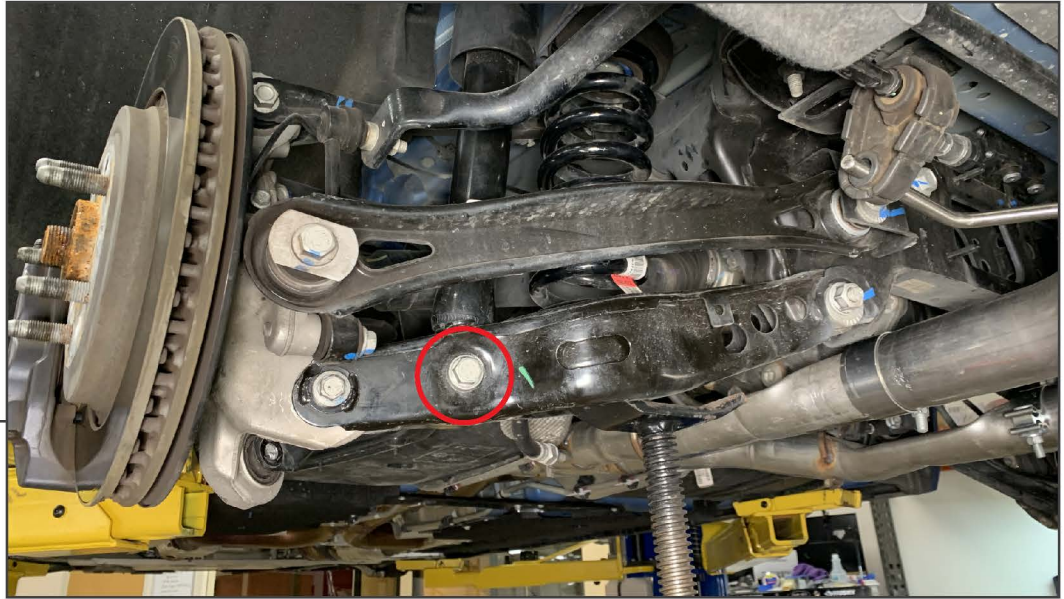
**STEP 9
(REAR)**

Safely lift and support the vehicle in the air using a floor jack and jack stands. Remove the rear wheels to reveal the suspension components.

STEP 10

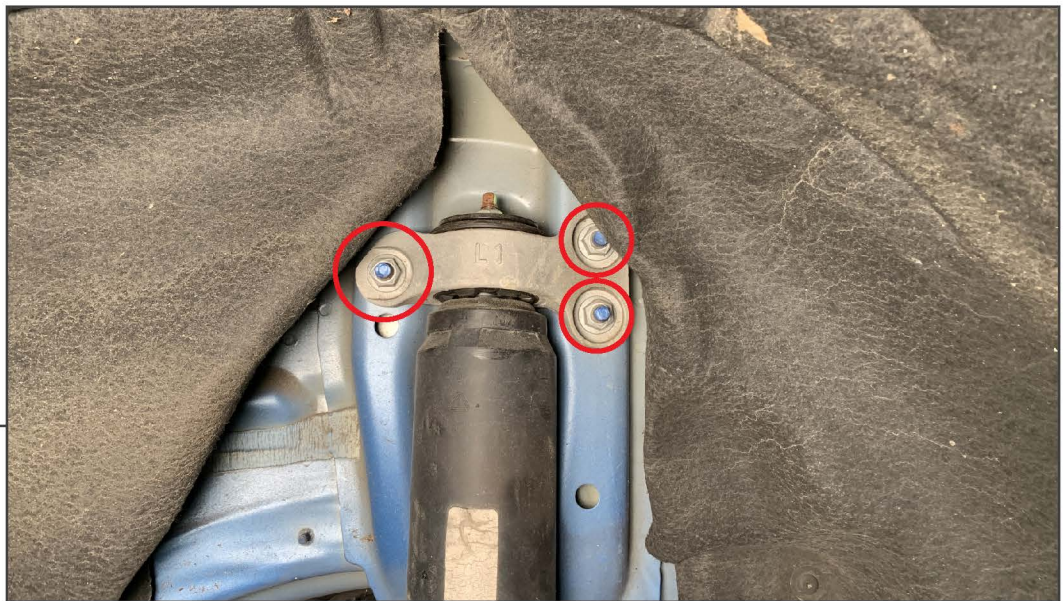
Remove the (4) plastic push clips from the lower control arm cover, and then remove the cover from the vehicle.

Note: Control arm cover and plastic push clips will be reused.

STEP 11

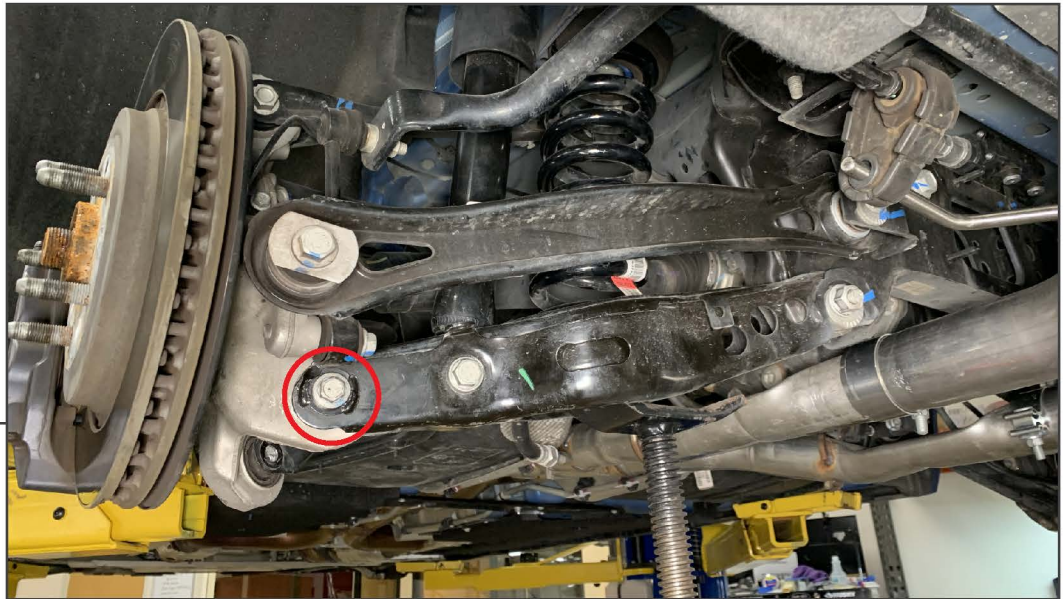
Place a floor jack under the lower control arm, and apply pressure to the suspension. Remove (1) 18mm lower shock absorber bolt.

Note: The shock absorber bolt will be reused.

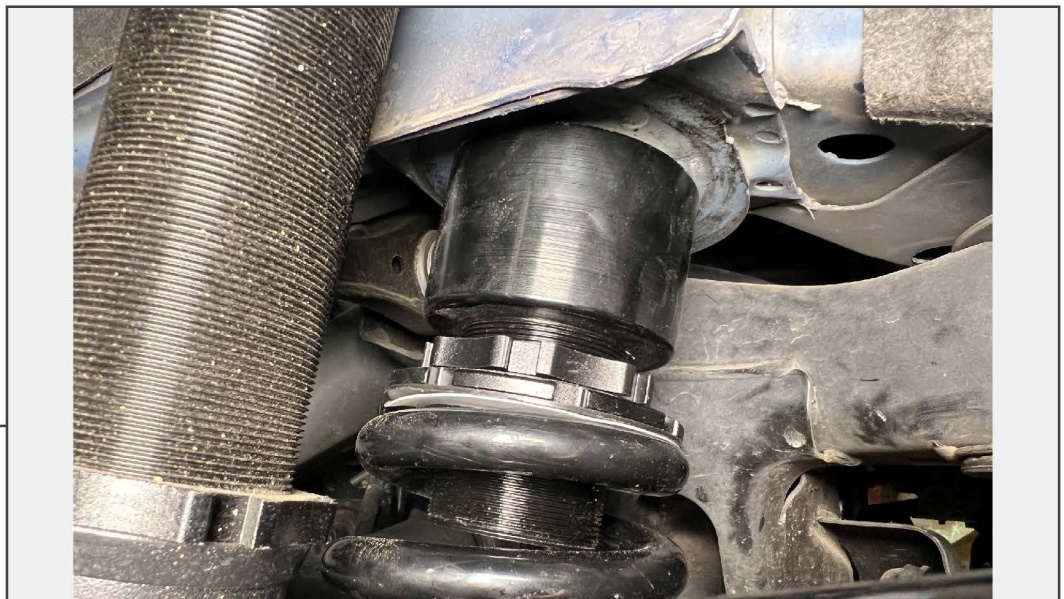
STEP 12

Remove the (3) 15mm nuts from the top of the shock absorber. Remove the shock absorber from the vehicle and place on a workable surface.

Note: The shock absorber upper nuts will be reused.

STEP 13

Remove the 15mm bolt retaining the lower control arm to the rear knuckle. Slowly lower the floor jack to lower the control arm while relieving spring tension. Once the spring is relieved of pressure, remove the upper coil spring and isolator from the vehicle. Allow the lower isolator to remain in the control arm.

STEP 14

Fit the included coil spring into the OEM lower spring isolator. Then, stack the white spring isolator onto the top of the spring, followed by the height adjustment assembly.

Raise the control arm to compress the spring, and then secure the control arm to the vehicle rear wheel hub using the original control arm bolt.

STEP 15

Transfer the shock absorber upper mount from the original shock to the new adjustable shock.

Secure the bottom of the shock to the control arm using the original shock hardware. Then, with the suspension at full droop, adjust the shock absorber to allow the top mount to secure to the vehicle chassis. Secure the top mount to the chassis using the original shock mounting nuts.

STEP 16

Ensure all coilover adjustment collars are tight and secure. Use a hammer and a punch to lock the collars into place, if necessary. Re-install the rear control arm covers using the original plastic clips. Adjust ride height and shock values as desired. Adjust the shock dampening as desired. There are 32 levels of dampening. Fully clockwise is full stiff. Fully counter-clock-wise is full soft. Set the shocks at 16 clicks from full hard and adjust as desired.

Installation is now complete.