



S1 COILOVER KIT - NON-ADJUSTABLE DAMPENING

(1994-2004 MUSTANG - EXCLUDING COBRA)

INSTALLATION INSTRUCTIONS

CONTENTS

- (1) LH Front Coilover
- (1) RH Front Coilover
- (4) Front Coilover Shims
- (2) Rear Coil Springs
- (2) Rear Shock Absorbers
- (2) Rear Spring Perches
- (2) Spanner Wrench

TOOLS REQUIRED

- 10-22mm Sockets
- Ratchet
- Pry Bar
- Spray Lubricant
- Floor Jack & Jack Stands

SKU # 467061

STEP 1
[FRONT]



Safely lift and support the vehicle off the ground. Remove the vehicle wheels. Identify the suspension components.

Place a floor jack under the lower control arm to light applying pressure to the suspension.

STEP 2



- Remove the (2) 15mm bolts securing the brake caliper to the knuckle. Set the caliper aside, and remove the brake rotor.
- Remove (1) 15mm nut from the top of the sway bar link.
- Remove (1) 22mm nut holding the ABS sensor cable. Then, remove (2) 22mm nuts securing the bottom of the strut to the steering knuckle. Then, remove the (2) bolts to allow the suspension to lower with the floor jack.

STEP 5
[REAR]



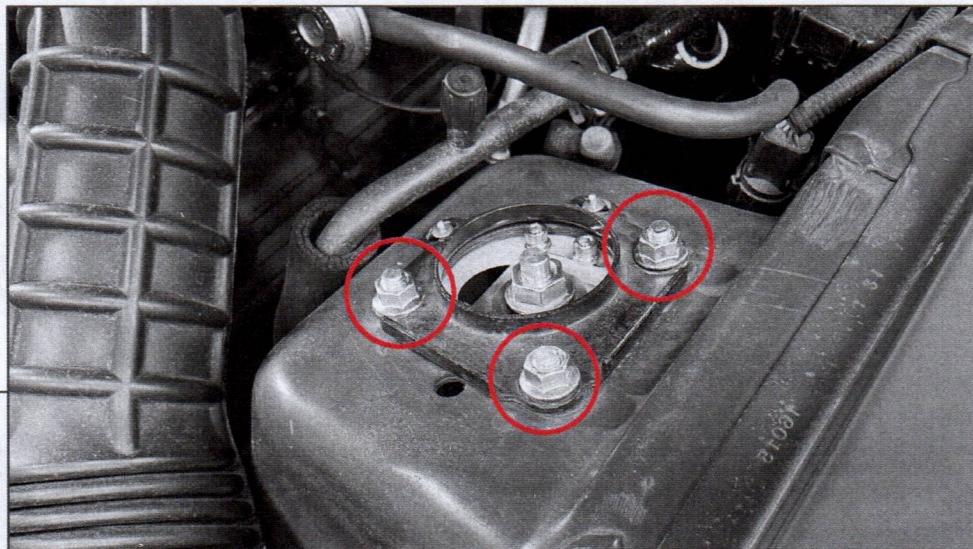
Safely lift and support the vehicle off the ground. Remove the vehicle wheels. Identify the suspension components.

Place a floor jack under the center of the axle to lightly apply pressure to the suspension.

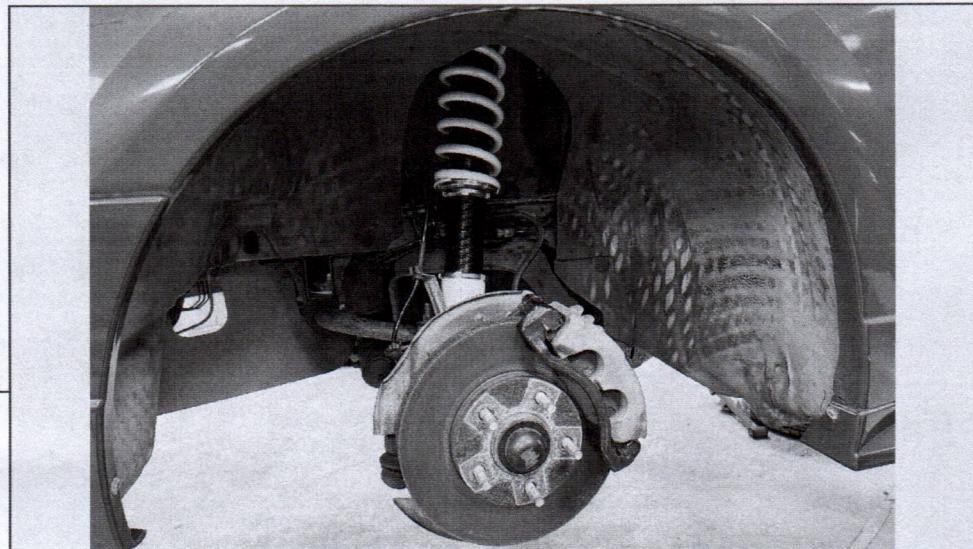
STEP 6



Open the trunk, and remove the trunk liners to reveal the upper shock mount. Remove (1) 15mm nut securing the top of the shock absorber to the shock tower in the vehicle trunk.

STEP 3

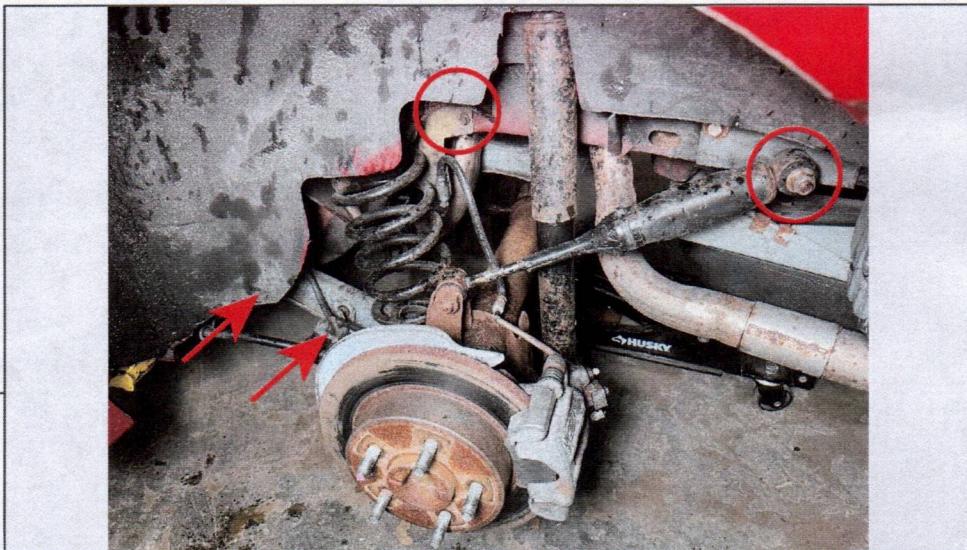
Remove (3) 15mm nuts securing the shock absorber to the vehicle shock tower. Remove the shock absorber from the vehicle.

STEP 4

Lower the floor jack to allow the suspension to de-compress. Then, use a pry bar to remove the coil spring from the spring mount in the lower control arm.

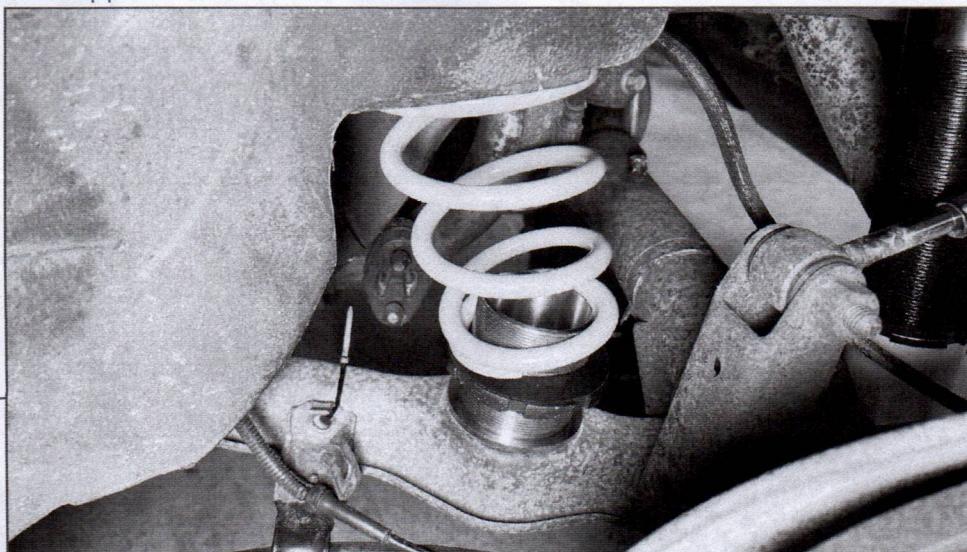
Fit the coilover assembly into the vehicle strut tower, and install using the included (3) 15mm nuts. Then, lift the suspension to meet the coilover to the knuckle. Secure the bottom of the coilover to the knuckle using the OEM (2) 22mm bolts/nuts. Use the included (2) shims per coilover if necessary.

Re-install the sway bar link and brakes using the OEM hardware. See last page for adjustment notes.

STEP 7

- Remove (1) 10mm bolt securing the brake line to the chassis.
- Remove (1) 18mm nut securing the quad shock to the chassis.
- Remove (1) 15mm bolt/18mm nut securing the shock absorber to the axle, remove the shock from the vehicle.
- Locate and remove (2) 15mm bolts from the sway bar attached to the lower control arms, remove the sway bar

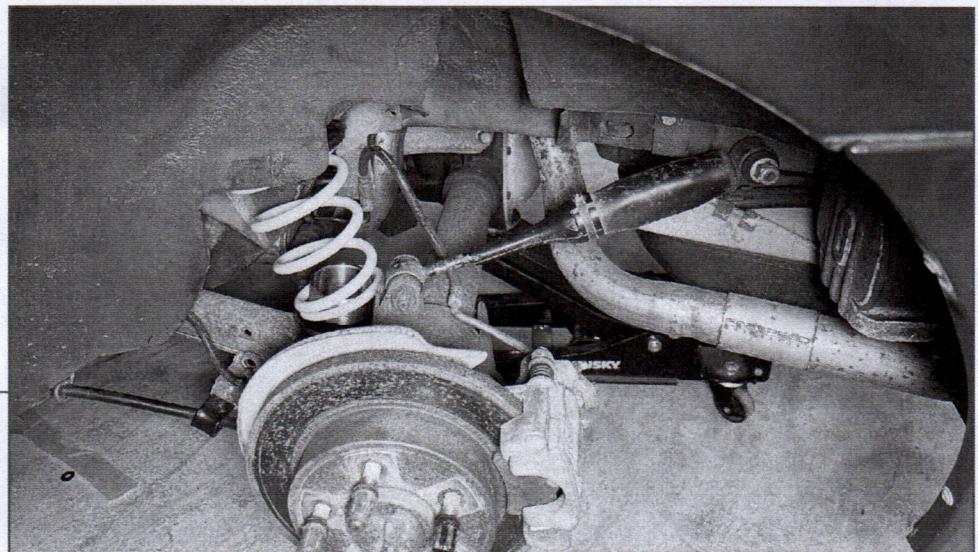
Repeat this step for the opposite side of the vehicle.

STEP 8

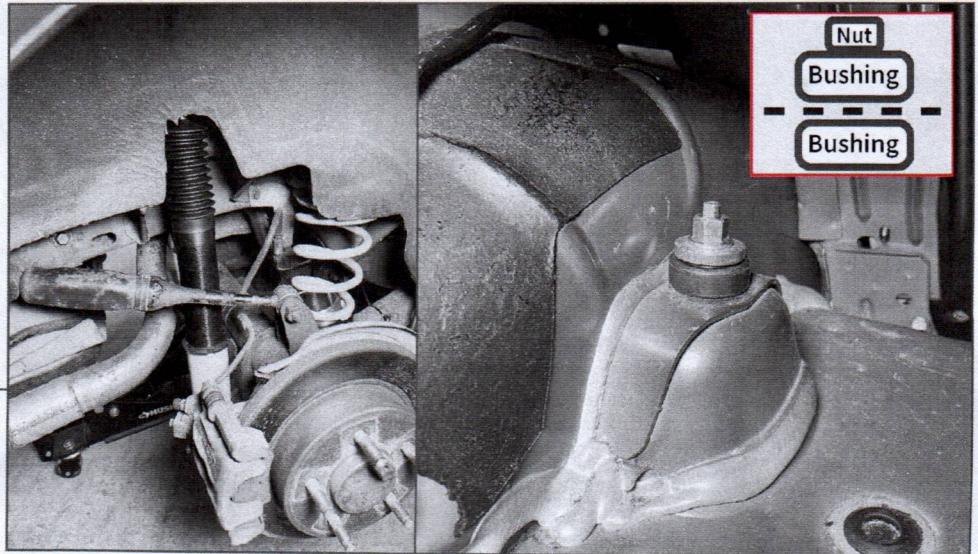
Lower the floor jack to lower the rear coil springs. Use a pry bar to remove the rear springs.

Place the OEM upper spring isolators onto the new coil springs. Then, fit the new springs to the vehicle, and place the new spring perch under the spring.

Note: It is recommended to begin with the spring perch to the highest position to set a baseline height, and lower as necessary.

STEP 9

With both springs installed, re-install the quad shock, brake line, and sway bar using the OEM hardware.

STEP 10

Raise the suspension with the floor jack until the springs are beginning to compress. Then, adjust and install the shock absorber to the axle. This will ensure proper shock absorber travel.

See last page for adjustment notes.



Installation & Adjustment Notes

When adjusting the ride height, to ensure the collars remain tight after tightening with the spanner wrenches, use a punch and a hammer to lock the collar into place.

Adjusting the ride height of the front coilovers is done by turning the shock base, do not turn the top collar (spring preload). Spring preload is pre-set.

When adjusting the rear ride height, the shock absorber must be adjusted similarly to ensure proper travel.

To adjust the front caster/camber plates, removing the front coilover assembly is required, and adjust to the desired specification using the included Allen key.

Professional alignment is required to ensure proper tire and prevent suspension wear.

Installation is now complete.