SET # 2.6116

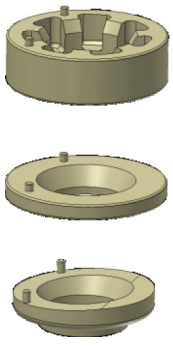
2018+ JEEP WRANGLER JL
Adjustable Coil Spacer Set

This instruction is intended as a guideline for the safe installation of Energy Suspension polyurethane bushings after original equipment has been removed from the vehicle. It is recommended that you utilize a qualified service center for the replacement of these components if you are unfamiliar with vehicle chassis and suspension repair work. Reference vehicle manufacturer's service manual for component removal and replacement procedures and torque specifications. Before beginning work, read these instructions thoroughly and verify that parts received match P/Ns and quantities in parts list. In the case of discrepancy, contact Energy Suspension Customer Service (949-361-3935). Because wheel alignment is altered when suspension components are removed and replaced, it is highly recommended that your vehicle be checked and adjusted by a qualified alignment shop prior to use. Energy Suspension parts are designed to work with vehicles in good state of repair. We cannot be held responsible for suspension or steering related problems occurring due to poor vehicle maintenance.

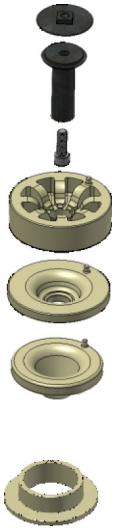
This coil spacer set should only be used in conjunction with jounce bumper and sway bar relocation sets. Failure to do so may result in poor vehicle performance and suspension component damage.

PARTS LIST

QTY:	P/N:	DESCRIPTION:
2	06P06386	SPACER, FRONT SPRING, 1.5 IN.
2	06P06385	SPACER, FRONT SPRING, .5 IN.
2	06P06384	INSULATOR, FRONT SPRING
2	15P0704740	NUT PLATE, REAR SPRING PILOT
2	15P0607642	TUBE ASSEMBLY, REAR SPRING PILOT
2	15P0512640	SCREW, SOCKET HEAD CAP, M12-1.75 X 35
2	06P06389	SPACER, UPPER, REAR SPRING, 1.5 IN.
2	06P06388	SPACER, UPPER, REAR SPRING, .5 IN.
2	06P06387	INSULATOR, UPPER, REAR SPRING
2	6286	INSULATOR, LOWER, REAR SPRING
1	17P17709	INSTRUCTIONS



FRONT



REAR

FRONT

1. Prepare Vehicle for Work:
   a. If using jack stands: Ensure vehicle is on level ground and chock rear tires. Jack front of vehicle until front wheels are off ground and support at frame with jack stands. Support front axle with hydraulic jack.
   b. If using vehicle lift: Lift vehicle by frame and ensure lift does not inhibit suspension motion.
2. Remove front lug nuts and wheels.
3. Lift front axle with jack until shocks are unloaded (not fully extended).
4. Remove bolts attaching front brake line to frame.
5. Release ABS wires from frame (Image 1).

Image 1. ABS wire at frame

6. Ensure axle is horizontal (to unload sway bar) and detach sway bar end-links from axle (Image 2).

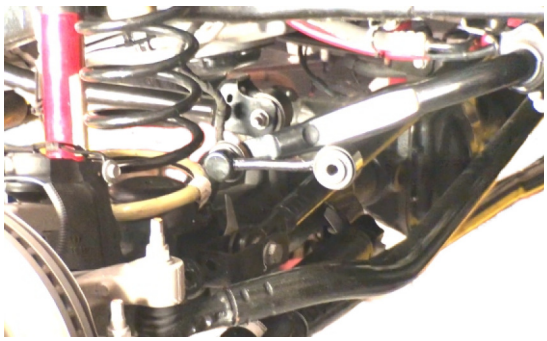


Image 2. Swaybar Link Detached

7. With axle supported, loosen and remove front shock lower mounting bolts (Image 3).

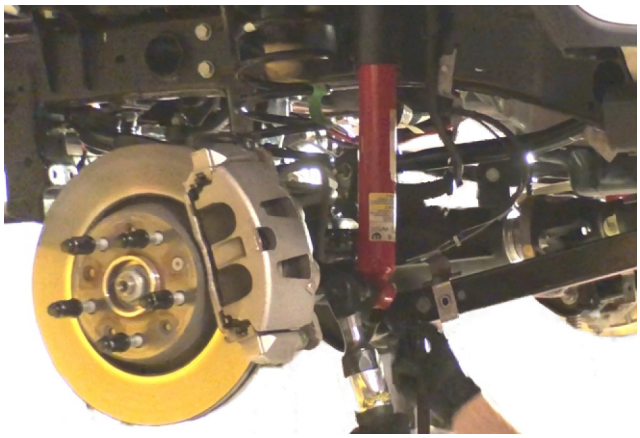


Image 3. Shock Absorber

8. Slowly lower axle until springs are unloaded, DO NOT let front drive shaft contact cross member.
9. Remove a front spring and upper O.E. rubber isolator. Lower O.E. isolator must be reused (Image 4).

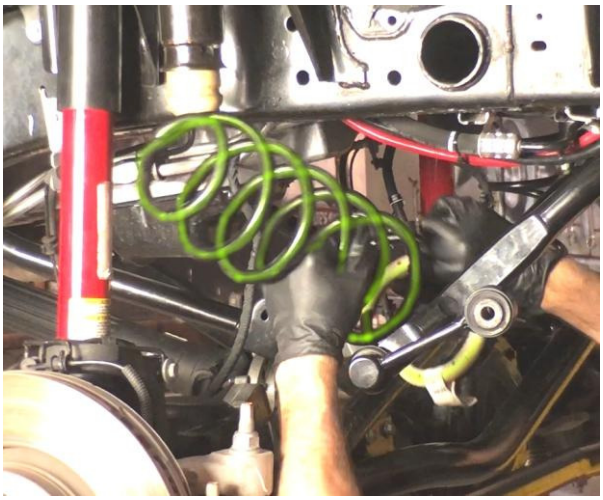


Image 4. Coil Spring Removal

10. Install 1.5” spring spacer by aligning index pins into holes in spring seat (Image 5).
11. Install .5” spring spacer (optional) by aligning index pins into holes in spring spacer (Image 5).
12. Install upper spring isolator by aligning index pins into holes in spring spacer (Image 5). Install front jounce bumper and spacer at this time per instruction 17P17704.

Image 5. Front Coil Spacers and Isolator

13. Install coil spring ensuring it is correctly indexed at isolator stop (Image 6).

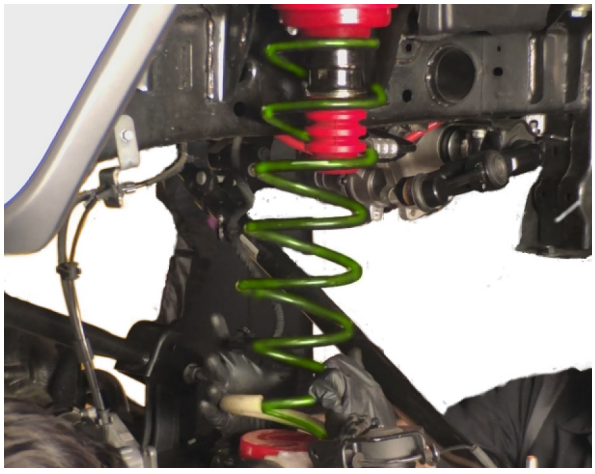


Image 6. Coil Spring Installation

14. Replace spacers, coil isolator, and spring on opposite side in like manner.
15. Evenly raise axle and re-attach sway bar end-links and shocks.
16. Secure ABS sensor wires and bolt brake line brackets to frame.
17. Torque fasteners to vehicle manufacturer's specified values.
18. Install wheels and lug nuts.
19. If using jack stands, raise vehicle and remove jack stands.
20. Lower vehicle to ground.
21. Torque wheel nuts to specified value and remove tire chocks.

REAR

1. Prepare Vehicle for Work:
   a. If using jack stands: Chock front tires. Jack rear of vehicle until rear wheels are off ground and support at frame with jack stands. Support rear axle with hydraulic jack.
   b. If using vehicle lift: Lift vehicle by frame and ensure lift does not inhibit suspension motion.
2. Remove rear lug nuts and wheels.
3. Lift rear axle with jack until shocks are unloaded (not fully extended).
4. Remove bolts attaching rear brake line to frame.
5. Release ABS wires from frame.
6. Ensure axle is horizontal (to unload sway bar) and detach sway bar end-link from axle.
7. Remove track bar bolt from rear axle and let other end hang from frame.
8. Remove parking brake cable bracket from body where cables split off to each side.
9. With axle supported, loosen and remove rear shock lower mounting bolts.
10. Slowly lower axle until springs are unloaded.
11. Remove a rear spring and corresponding upper and lower O.E. rubber coil isolators.
12. Install rear spring pilot and nut plate with supplied socket head cap screw and torque to 40 ft.lbs. (Image 7)

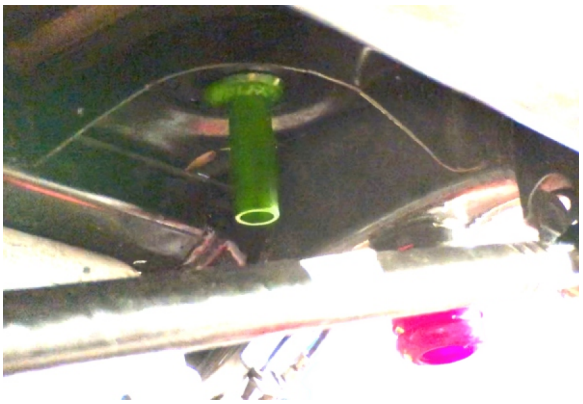


Image 7. Rear Spring Pilot

13. Install lower insulator onto rear axle.
14. Install 1.5” spring spacers by aligning index pin into hole in upper spring seat (Image 8).
15. Install .5” spring spacer (optional) by aligning index pin into hole in spring spacer (Image 8).
16. Install upper spring isolator and by aligning index pin into hole in spring spacer (Image 8).

Image 8. Rear Coil Spacers and Isolators

17. Install coil spring ensuring spring is properly indexed at isolator stop (Image 9).

Image 9. Rear Spring Installation

18. Replace spacers, coil isolator, and spring on opposite side in like manner.
19. Evenly raise axle and re-attach sway bar end-links and shocks.
20. Secure ABS sensor wires and bolt brake line brackets to frame.
21. Torque fasteners to vehicle manufacturer's specified values.
22. Install wheels and lug nuts.
23. If using jack stands, raise vehicle and remove jack stands.
24. Lower vehicle to ground.
25. Torque wheel nuts to specified value and remove tire chocks.
26. After 500 miles, re-torque fasteners.

NOTE: Energy Suspension recommends using 2” shock extensions or 2” longer shocks with this product set.

Safety Warning and Liability Waiver

Installation of suspension lift kits (or devices) raises the center of gravity of a vehicle. This may create or increase the risk of vehicle instability and can result in vehicle rollover or other mishaps. Such incidents could lead to vehicle damage as well as injury or death to the vehicle driver, occupants and bystanders. Caution should be used when operating the vehicle by reducing speed and avoiding sharp turns and abrupt maneuvers. Driver and vehicle occupants should wear seat belts at all times. Do not add any parts or alter the Energy Suspension components to increase vehicle height over the intended height of the Energy Suspension lift set. Mixing component brands is not recommended. Consumer agrees to indemnify and hold Energy Suspension harmless for any and all injuries, damages or claims resulting directly or indirectly from the purchase, ownership, installation or use of Energy Suspension products.