



DODGE DAKOTA 2" COIL SPRING LEVELING KIT INSTALLATION INSTRUCTIONS 2005 KIT# 61062

⚠WARNING

Read and understand all instructions, warnings, cautions, and notes in this sheet and in your owners manual before you begin the installation of this coil lift kit.

⚠WARNING

Proper installation of a Performance Automotive Group coil spring lift kit requires knowledge of the factory recommended procedures for disassembly and assembly of original equipment components. We recommend that the factory shop manual and any special tools necessary to your vehicle be on hand during the installation. Installation of this coil lift kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of your vehicle. We strongly recommend that a certified mechanic familiar with the installation of similar components install this coil lift kit.

⚠WARNING

Ensure that your vehicle tires are properly blocked and secured before you begin installation of this coil spring lift kit.

⚠CAUTION

It is the customer's responsibility to ensure that all mounting hardware is correctly tightened before, during and after use of coil spring lift kit. DO NOT EXCEED manufacturer's load specifications for your vehicle. Always operate your vehicle in a safe manner. If your vehicle is equipped with any type of extra duty suspension or special towing package, this coil lift kit may not fit properly. If your vehicle is equipped with any type of aftermarket springs, lift kits, or bushings, this coil lift kit may not fit properly.

⚠WARNING

Many states now have laws restricting bumper heights and vehicle lifts. Local laws should be consulted to determine if the changes you intend to make to your vehicle comply with state laws. Before combining a body lift with a suspension lift, consult an installation professional to see how this will affect your specific application.

⚠WARNING

This coil spring lift kit should only be installed on vehicles in good working condition. Before installation, the vehicle should be thoroughly inspected for evidence of corrosion or deformation. This coil lift kit should not be installed on any vehicle that is suspected to have been in a collision or misused. Failure to observe this warning may result in serious personal injury and/or severe damage to your vehicle.

⚠WARNING

To ensure the Supplemental Restraint System (SRS, or air bag) is not accidentally deployed during coil / shackle lift kit installation, always ground yourself and the vehicle. Do not use power or pneumatic tools. Exercise extreme caution while working near SRS sensors and wiring. Do not allow anyone near air bags during kit installation. Accidental deployment can result in serious personal injury or death.

⚠WARNING

Always wear eye protection when operating power tools.

⚠NOTE

Performance Automotive Group recommends using the Loctite® supplied in the kit on all hardware unless noted in the instructions.

Before Starting Installation

⚠ NOTE

Kit parts are prefaced by the word **kit** and appear in **bold** print.

1. Carefully read all warnings and instructions completely before beginning.
2. Verify all parts have been received in this kit by checking the parts list at the end of this document.

⚠ NOTE

If parts are missing from kit, please be prepared to provide the following information:

1. **Name** of purchase location
2. **Bar Code** on side of box
3. **Date** above bar code
4. **Date** inside box cover
5. **Inspector #** from inside box cover

3. **Only install this kit on the vehicle for which it is specified.** If anytime during the installation you encounter something different from what is outlined in the instructions, call technical support at (928) 636-7080.

4. Special tools needed:

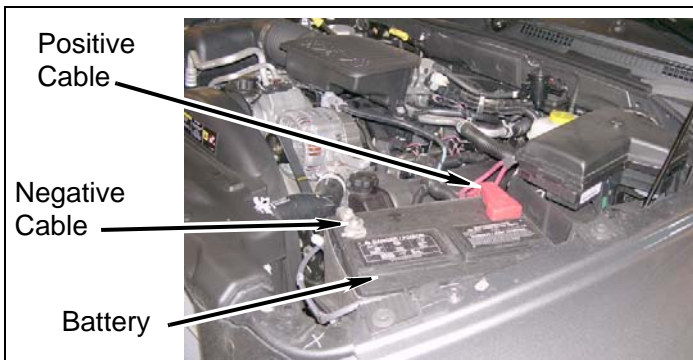
- a. Coil spring compressors.

5. Park the vehicle on a clean, dry, flat, level surface and block the rear tires so the vehicle cannot roll in either direction.

A. Engine Compartment

1. Battery Cables.

- a. Disconnect the negative cable first, then the positive cable from the battery.



B. Get ready to install coil spring lifts.

1. Lift front axle.

- a. Loosen five lug nuts each from two front wheels.



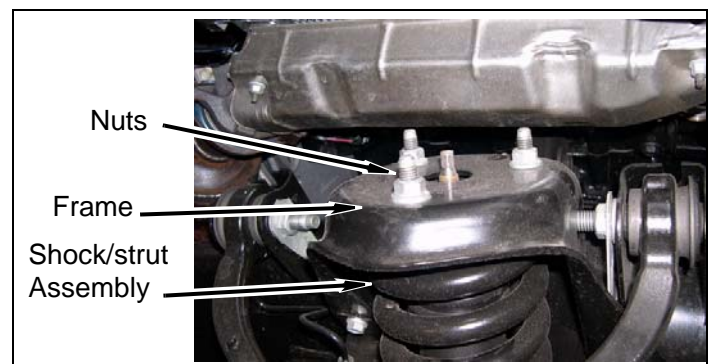
- b. Position hydraulic jack under frame, slowly lift front of vehicle. Position jack stands under frame just in front of transmission support cross member. Lower vehicle onto jack stands.

- c. Remove five lug nuts each and two front wheels from vehicle.

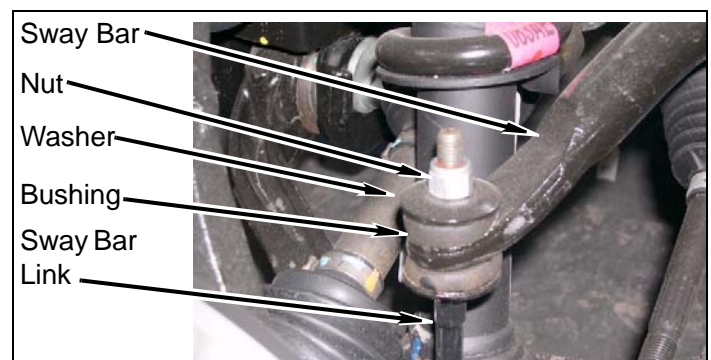
2. Remove passenger side shock/strut assembly.

- a. Support lower a-arm with hydraulic jack.

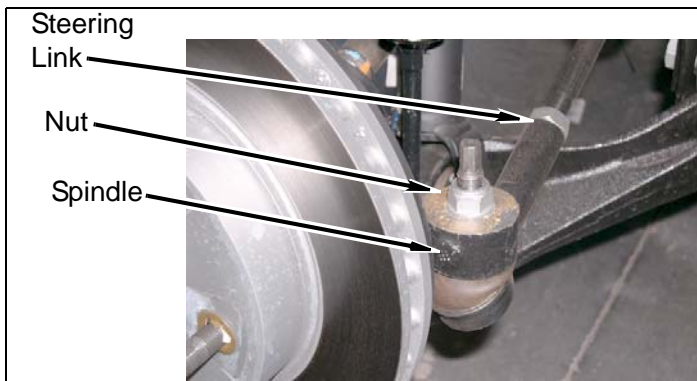
- b. Remove three nuts from shock/strut assembly and frame.



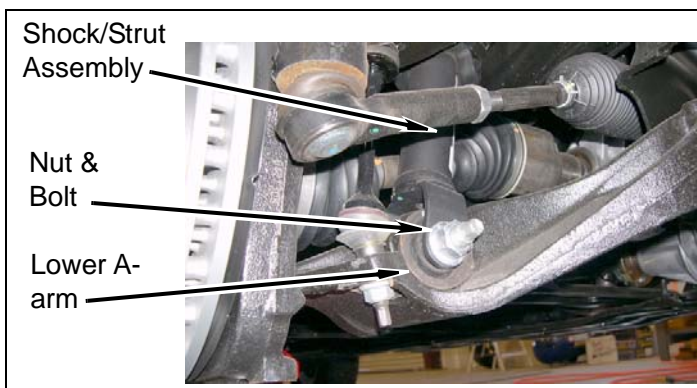
- c. Remove nut, washer, bushing, and sway bar from sway bar link.



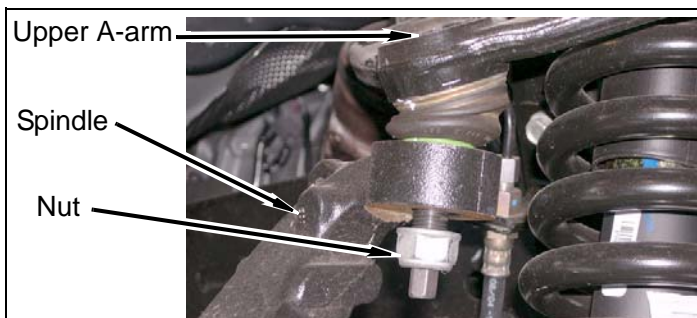
d. Remove nut and steering link from spindle.



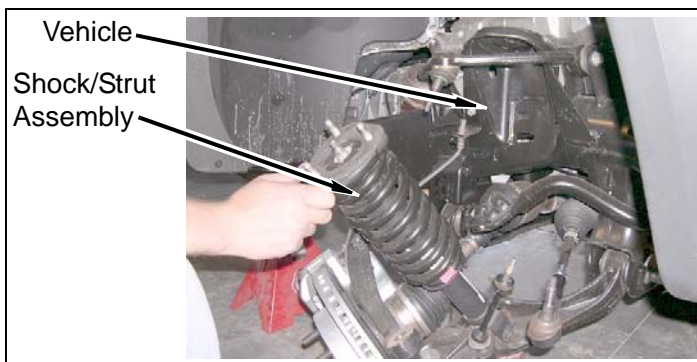
e. Remove nut and bolt from lower a-arm and shock/strut assembly.



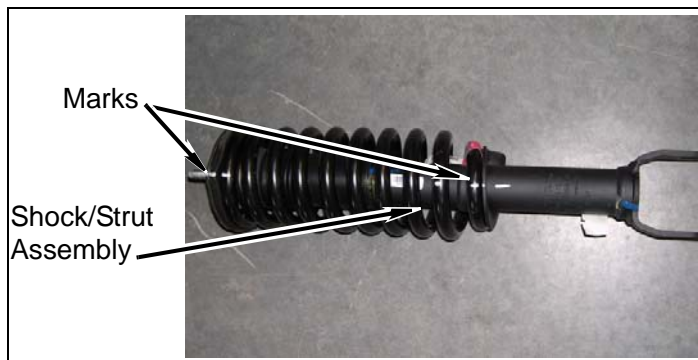
f. Remove nut and upper a-arm from spindle assembly.



g. Remove shock/strut assembly from vehicle.



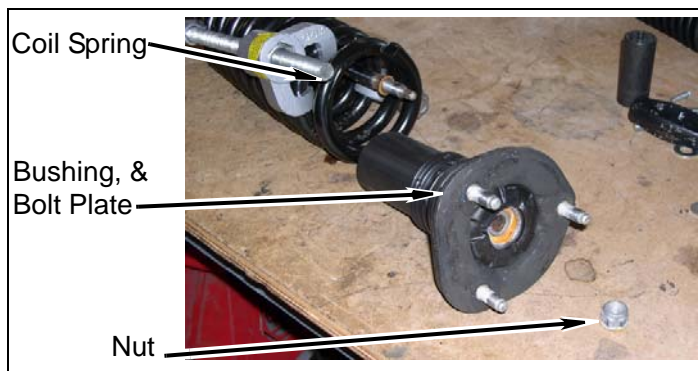
h. Mark shock/strut assembly from top to bottom as shown.



3. Remove passenger side coil spring.

⚠WARNING
The steps below, require the use of coil spring compressors. Coil spring compressors can be unreliable and in some cases dangerous. Ensure the coil spring compressors used are in good working order to avoid a sever mishap.

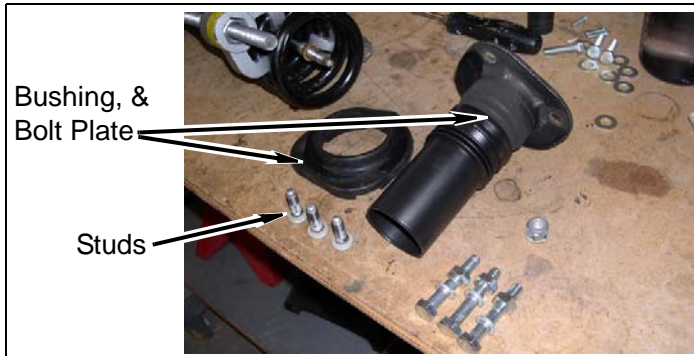
a. Compress coil spring, remove nut, bushing, and bolt plate from compressed coil spring and shock/strut.



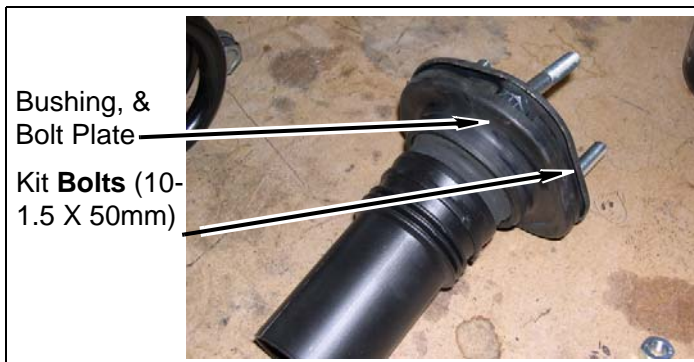
C. Install the kit.

1. Install passenger side kit **spacer**, coil lift.

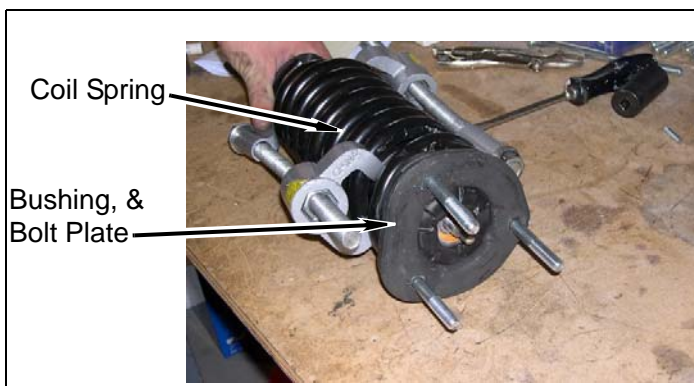
- a. Remove three studs from bolt plate.



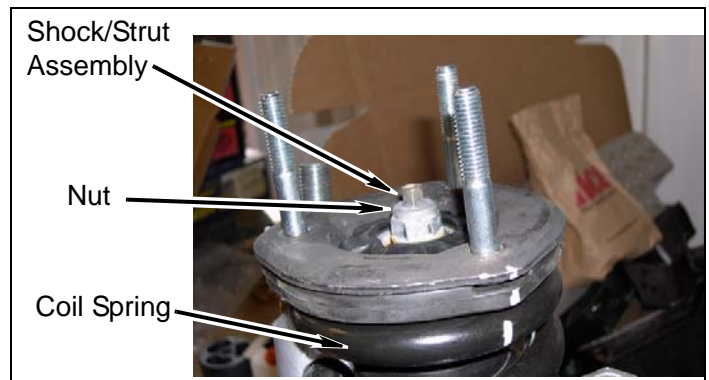
- b. Position three kit **bolts** (10-1.5 x 50mm) and bushing on bolt plate.



- c. Position bushing and bolt plate on compressed coil spring and shock/strut.



- d. Install nut on compressed coil spring and shock/strut.



- e. Remove coil spring compressors from coil spring.

⚠NOTE

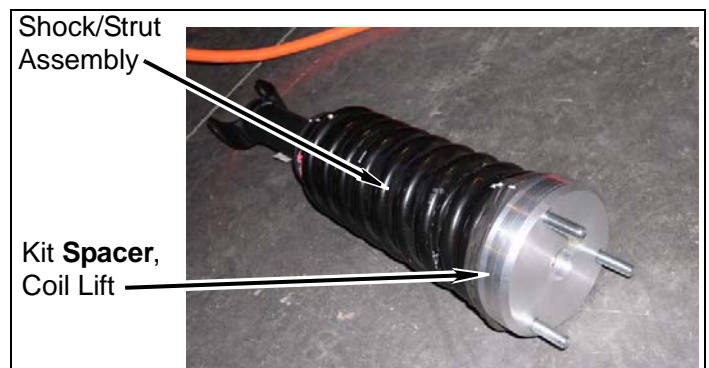
Performance Automotive Group recommends using Loctite® supplied in the kit for all mounting hardware.

⚠WARNING

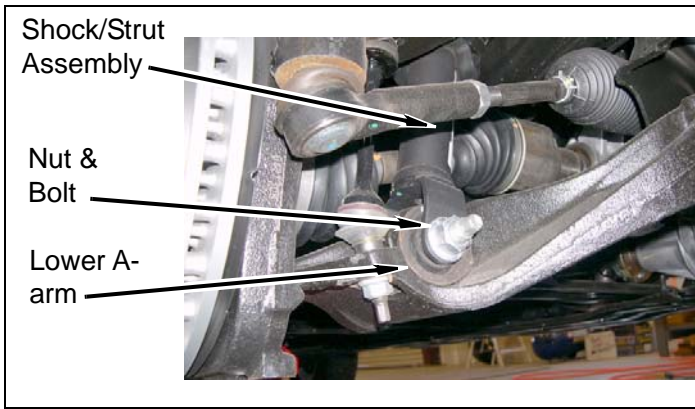
Ensure that all OEM or aftermarket bump stops are installed. Suspension over travel can result in serious damage or failure of OEM components and aftermarket equipment.

2. Install shock/strut assembly passenger side hardware.

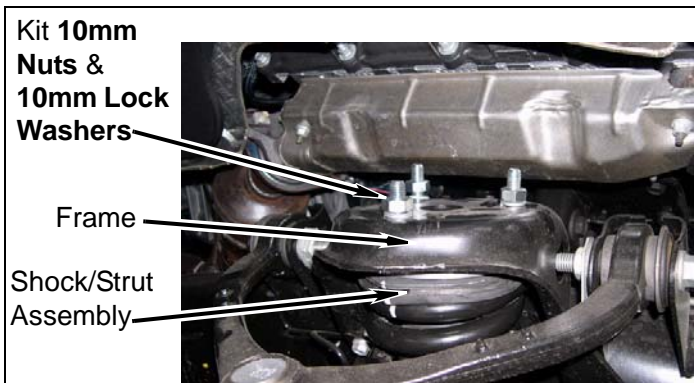
- a. Position kit **spacer**, coil lift on top of shock/strut assembly.



- b. Install shock/strut assembly on lower a-arm with bolt and nut.

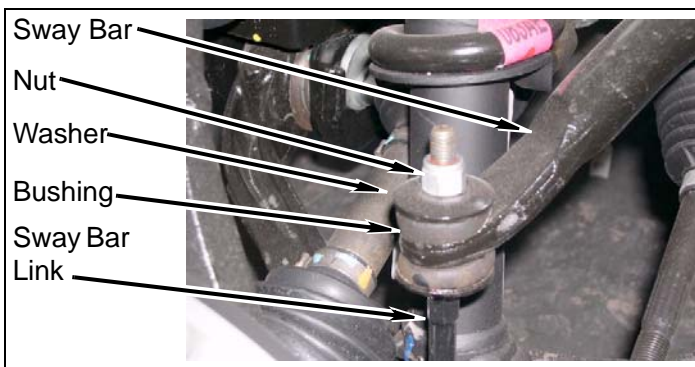


- c. Install shock/strut assembly on frame with three kit **nuts** (10mm) and three kit **washers** (10mm lock). Do not tighten.

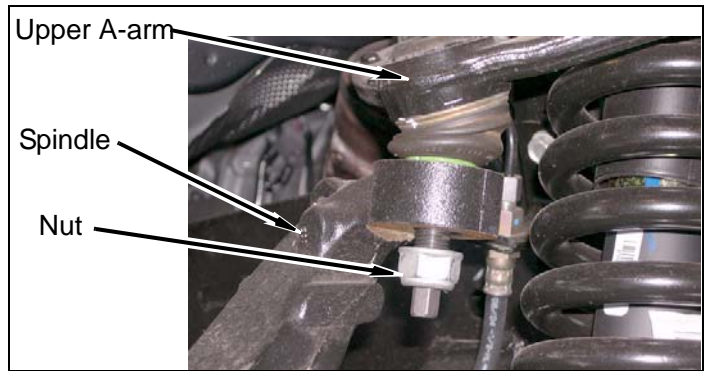


- d. Tighten nut to 100 ft.-lb. and kit **nuts** (10mm) to 47 ft.-lb.

- e. Install sway bar on sway bar link with bushing washer, and nut.



- f. Install upper a-arm on spindle assembly with nut. Tighten nut to 59 ft.-lb.



- g. Install steering link on spindle assembly with nut.



- h. Repeat previous steps for driver side shock/strut assembly.

3. Finish front axle.

- a. Install two front wheels on front axles with five lug nuts each.
- b. Using a hydraulic jack, slowly lift vehicle. Remove jack stands from under frame. Lower vehicle to ground and tighten ten lug nuts to 95 ft.-lb.

4. Connect both battery cables.

- a. Connect the positive cable first, then the negative cable to the battery.

D. Finish the kit.

1. Double check the vehicle.

⚠CAUTION

Retorque all fasteners after 500 miles and after off road use. All coil spring lift components should be visually inspected and fasteners retorqued during routine vehicle servicing.

- a. Check all mounting hardware to ensure it is properly tightened.
- b. Start vehicle and check the steering in both directions to ensure that there is no bind. Check all steering connections. Ensure that the steering gear box has no interference and is in proper working condition.
- c. Check the operation of the brakes. Check brake lines for adequate travel. Ensure brake lines do not touch any surfaces, moving or otherwise. If necessary, adjust brake lines and or brake line bracketery to eliminate all contact.
- d. Ensure that all OEM or aftermarket bump stops are installed. Suspension over travel can result in serious damage or failure of OEM components and aftermarket equipment.
- e. Test drive vehicle in all gears and 4 wheel drive ranges. Pay close attention to all vehicle systems. Check all hardware again in 500 miles and as part of your regular maintenance schedule.
- f. As a result of installing this leveling kit, Performance Automotive Group recommends that an alignment check be performed on front suspension.

⚠CAUTION

Performance Automotive Group does not recommend any particular wheel and tire combinations for use with its body lifts and cannot assume responsibility for the customer's choice of wheels and tires. Reference your owner's manual for recommended tire sizes and warnings related to the use of oversized tires. Larger wheel and tire combinations increase stress and wear on steering and suspension components, which leads to increased maintenance and higher risk for component failure. Larger wheel and tire combinations also alter speedometer calibration, braking effectiveness, center of gravity, and handling characteristics. Consult with an experienced local off road shop to find what wheel and tire combinations work best with your vehicle.

⚠NOTE

All warranty information, instruction sheets, and other documents regarding the installation of this product must be retained by the vehicle owner. Information contained in the instructions and on the warranty card will be required for any warranty claims. The vehicle owner needs to understand the modifications made to his vehicle and how they affect vehicle handling and performance. Failure to provide the customer with this information can result in damage to the vehicle and severe personal injury.

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E. 2" Coil Spring Parts List.

<u>Qty</u>	<u>Description</u>
2	Spacer , coil lift
1	Loctite , 6ml bottle
1	Lable , warning sticker
1	Lable , logo sticker
6	Nut , 10mm
6	Bolt , 10mm - 1.5 x 50mm
6	Washer , 10mm lock

Accessories

The following accessories are also available:

Kit # 60163: 3" Body Lift