

Ex. 105010/11/21/22, 102010

- 1) Disconnect sway bar link from control arm and separate tie rod end. On 4x4 models remove the axle nut at the hub. Support spindle assembly. Use caution with any ABS wiring to prevent damage. Separate upper ball joint. Remove lower strut mounting bolt and upper strut mount nuts and remove strut
- 2) Install TRAXDA spacer on the strut as shown in Figure A. Note the twisted shape of the TRAXDA cap, the strut will be rotated 180 degrees when reinstalled in the truck.

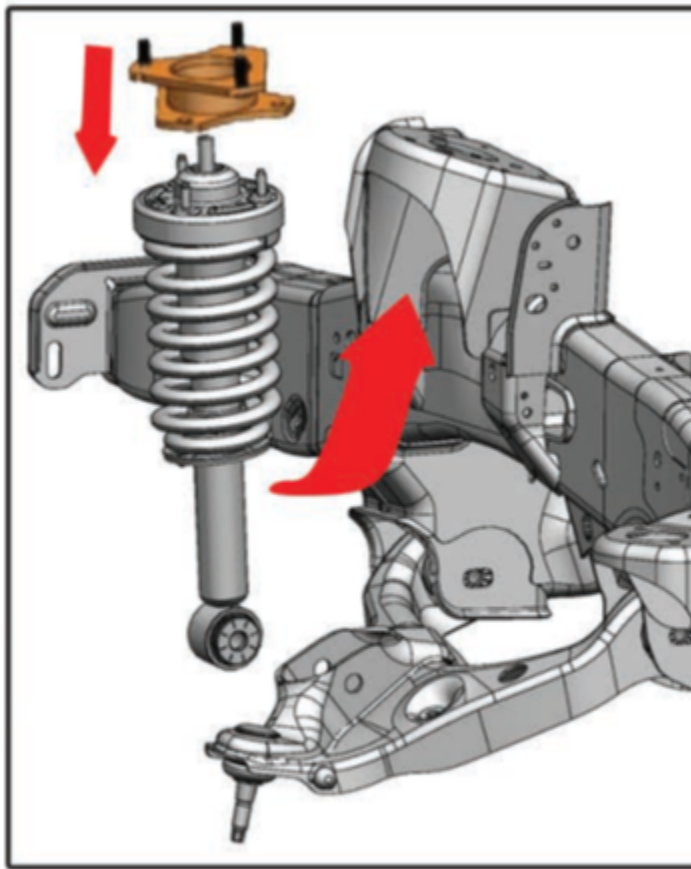
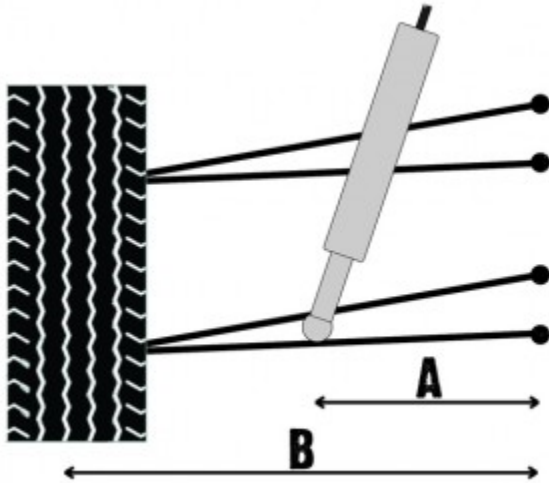


Figure A: Illustration is for reference only. Part dimensions will vary from kit to kit.

- 3) Reinstall the strut assembly in reverse of disassembly. It may be necessary to use a pry bar to aid in the reinstallation of the strut assembly. Use a ptj jack to raise the lower control arm and reconnect the ball joint. NOTE: a tall jack may be needed under the rear bumper to steady the truck on the lift. Verify that all hardware has been tightened to the proper torque specs.

SPACER HEIGHT NOT LIFT HEIGHT

Why is my spacer smaller than I expect?



The strut caps are shorter than the specified lift because the struts are mounted about halfway down the control arm. In the picture above, you can see that distance A is shorter than distance B. To achieve a 3" lift, we have to first calculate the ratio between A/B and then reduce the height of the 3" spacer to compensate.

1. Example: A is 12 inches. B is 24 inches. This creates the ratio of 12:24 or 1:2
2. So if we wanted to make a 3" lift for this example, we would build the spacer 1.5" high. The 1:2 ratio will make the 1.5" spacer lift the vehicle 3" at the wheel.