

# LEVELING LIFT KITS

## 1999+ Polaris Sportsman leveling lift kits installation instructions



The Actual Spacer Thickness is not equal to The Actual Lift Height. This kit is not manufactured to be 1:1 ratio. May be the thickness will less than the lift height.

1. Raise machine off ground, secure on jack stands, and remove Wheels, Front Box, and Rack if applicable. **Do not raise too high, as Axles on some models may pull from Lower CV Joint.**



2. Find the Front Strut.

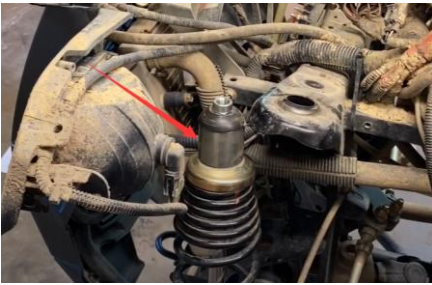
3. Remove Lock Nut, Washer, and Plastic Bearing from top of Strut Assembly.



4. Pull top of Strut from Frame.



5. Remove the black bushing. Screw Front Spacer onto the Strut and tighten. Install the black bushing which removed before on the Front Spacer .



6. Push the Strut back and place Strut Assembly in Frame using new Front Spacer Screw and tighten.



7. Reinstall Top Washer and Lock Nut.



8. Repeat steps for opposite side.

**Note: Reinstall necessary components and tighten all hardware completely.**

9. Next, find the rear Shocks.



10. Remove lower Shocks from A-Arms.

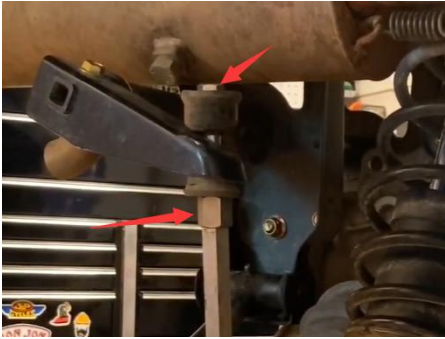


11. Remove top bolts from Torsion Bar.

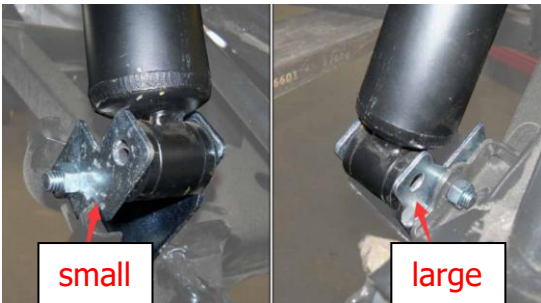


12. Install Hex Spacers on top of existing Hex Bar . Install new longer bolt through assembly. Rubber Bushings must go back to original

positions. It is not necessary to fully tighten the bolts at this time



13. Install Rear Brackets by small bolts to Lower A-Arms with hardware shown.



**NOTE: The Large Brackets install to inside of Shock Bracket. The Small Brackets mounts to outside of Shock Bracket.**

14. Reinstall Shocks to Rear Brackets with stock hardware.

15. Repeat steps for opposite side. Tighten all hardware completely and reinstall Wheels.

## Coil Spring Spacer installation instructions



The installation of the product requires Coil Spring Compressor Tool. Please note that it is recommend that all kits be installed by a professional shop.

1. Remove the front and rear shock from the vehicle.
2. For safety, first fix the shock absorber firmly, and then use the **Coil Spring Compressor Tool** to compress the spring.

3. Compress the spring to a suitable height and take out the limit spacer.
4. Install new spacer on the spring spacer. Don't forget to put the limit spacer back in place.
5. Slowly release the spring until it is fully released.
6. Repeat steps for other shocks. Tighten all hardware completely and reinstall Wheels.



**We suggest that re-tightening all bolts and nuts on the lift kits after 100-200 miles of driving.**

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