

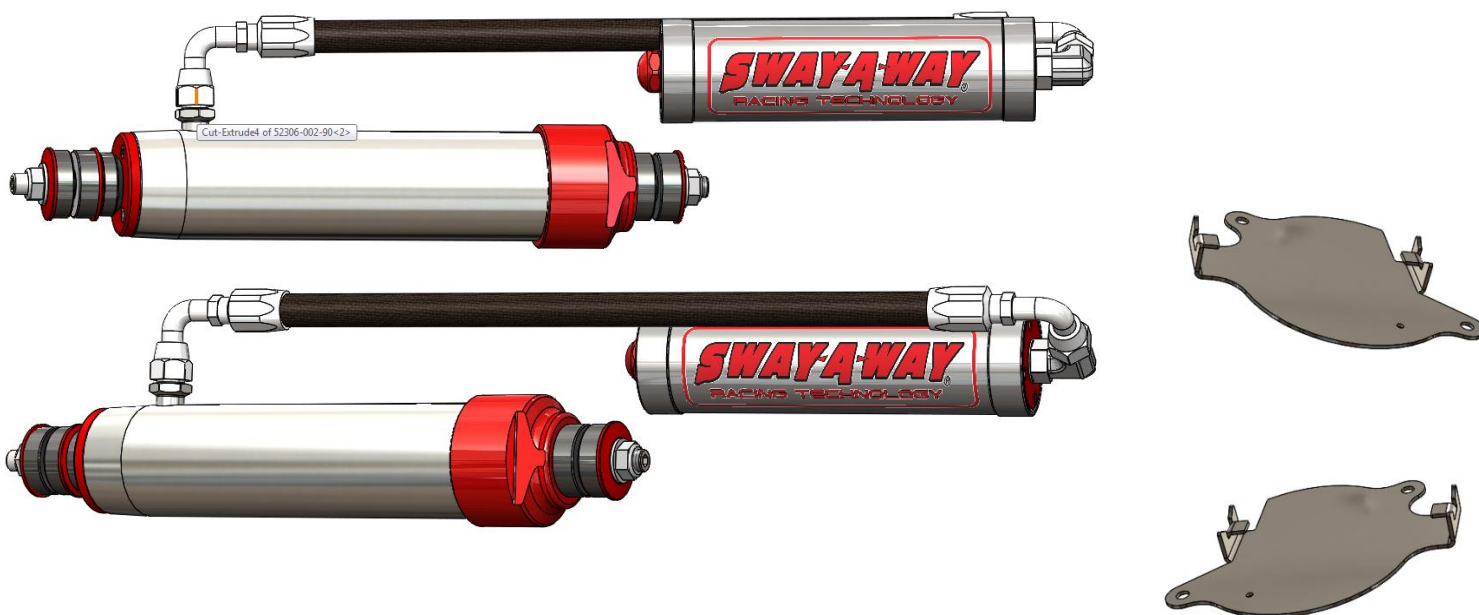


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1997-2020 Nissan Patrol Y61 Front Shock Installation

Parts List:

- 2 Sway-A-Way Shocks - Remote Reservoir
- 2 Reservoir Brackets



Tool List

- 12mm socket
- 14mm socket
- 17mm wrench and socket
- 19mm socket
- Jack and jack stands
- Impact wrench (optional)
- Safety glasses

Removal and Installation Procedure for Y61 Front **(Shocks are already charged with Nitrogen)**

1. Park the vehicle on a level concrete surface where it is safe to work on your vehicle.
2. Lock and center the steering wheel.
3. Place blocks in front and behind the rear tires so as to keep the vehicle from moving forwards or backwards.



4. Jack the vehicle up under the front differential and place safely on jack stands under the front frame horns. Slightly raise the front end, only enough to take the weight off the shocks, and place another pair of jack stands under the front end on either side of the differential.
5. Use 19mm socket to remove lug nuts and wheels
6. Use 14mm socket to remove the nut connecting the swaybar to the endlink on both sides of the vehicle.



7. Use 12mm socket to remove the bold holding the brake line to the axle on both sides of the vehicle.



8. Use 17mm socket to remove lower shock bolt.
9. Use 17mm socket to remove upper shock bolt and remove the old shock.
10. Use 14mm socket to remove 2 bolts holding the spring top hat.
11. Reuse the original 14mm bolts to install the reservoir bracket to the spring perch.



12. Install Sway-A-Way shock into original mounting holes using the supplied 19mm nuts. Pay close attention to mounting orientation of the hose from the shock. Make sure the hose outlet is facing as far into the vehicle as possible.



13. Install 2 hose clamps onto the reservoir and bracket to secure it.
14. Install cushion clamp onto hose and use supplied bolt to bolt it down to the bracket.
15. Reinstall brake line bolts and sway bar endlinks bolts with their respective hardware.
16. Double check that every bolt that was removed has been retightened. Reinstall wheels and tighten lug nuts to factory spec.
17. Once the vehicle is lowered safely to the ground. Turn the front wheels fully left and fully right and visually check that there is clearance between the brake line and tire.

After you have finished installing your suspension kit, you must have the front end aligned.