

Bill Of Material		
Part No.	Description	Qty.
TPS3617	.NISSAN TITAN, POLY SPACER	.2
TPS3571	.NISSAN TIT,POLY SPACER, TOP	.2
EPS3458	.POLY SPACER,03 EXPEDIT,REAR	.2
HOURGLASS 3/4	.HOURGLASS 3/4 SHOCK BUSH	.4
NA1872	.SLEEVE,NA25 .584X.750X1.872	.4
10MMX50MMB	.10 X 50 METRIC BOLT/10.9	.6
38LW	.3/8 LOCK WASHER	.6
10MMSHN	.10MM HEX NUT,STANDARD CLS 8	.6

FRONT INSTALLATION

1. Read complete instructions before beginning installation, the following special tools are recommended: Coil spring compressor, floor jack, ball joint separator, jack stands, and metric hand tools.
2. Jack the vehicle in the center of the front cross member.
3. Support the vehicle by placing jack stands on the frame cross member so that the front tire/wheels are off the ground.
4. Remove the front tires/wheels.
5. Disconnect the sway bar end links and remove the upper ball joint cotter pin and nut.
6. Separate the upper ball joint from the spindle. (Using ball joint separator or a suitable tool)
7. Remove upper strut nuts on the strut tower (3) on each side of vehicle that holds strut assembly to the frame mount.
8. Remove the lower strut bolt from the lower control arm and remove the strut assembly from the vehicle. (Note the direction of the bolt for reinstallation)
9. Compress the coil spring on the strut assembly with a suitable coil spring compressor and remove the upper strut isolator mount nut.
10. Remove the compressed coil spring assembly from the strut and install the strut boot.
11. Remove the coil spring isolator from the strut mounting plate.
12. Remove the 3 pressed in studs on the upper strut isolator mount and install the supplied 10mm bolts without nuts.
13. Install the supplied coil spring isolator to the upper strut mounting plate.
14. Reinstall the compressed coil spring onto the strut assembly and re-attach the upper strut mount plate using the new strut stem cushions and the stock hardware.
15. Decompress the coil spring in the strut assembly. Make sure that the spring is seated correctly into the strut assembly alignment indentation.
16. Slide the coil spring spacer onto the strut assembly over the 10mm bolts.
17. Install the strut assembly into the strut tower and start the upper three 10mm nuts with spring washers. (Make sure that the bottom of the strut is aligned as well)
18. Install the lower strut bolt in the original position that it was removed. (Step 8)
19. Using the floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle. Make sure that you replace the cotter pin. (Not supplied)
20. Install the sway bar bushings that fit your sway bar and replace the sway bar end link bushings. Note: Included in your kit are 2 different sway bar bushing sizes, find the set that fits your sway bar best.
21. Install the front tires/wheels.
22. Lower the vehicle onto the ground and tighten the upper strut tower nuts. (3 on each side)
23. Torque all bolts to factory specifications. Re-torque all bolts after 500 miles.



SKYJACKER®

THE BEAR OF SUSPENSIONS

REAR INSTALLATION

1. Verify hardware received against the Bill of Material list above and completely read this instruction sheet before proceeding.
2. Safely raise vehicle on lift, remove wheels.
3. Un-bolt the upper and lower shock bolts and remove the OEM shocks from the vehicle (Fig. 1).
4. Remove upper ball joint retaining bolt (Fig 2).
5. Remove emergency brake cable retaining bolt.
6. Remove sway bar nut (Fig. 3).
7. Remove brake line upper retaining clip.
8. Remove spring while pressing firmly down on axle.
9. Remove OEM coil spring isolator and replace with new Coil Spring Spacer (Fig. 4).
10. It will be necessary to compress the spring to re-install it (Fig. 5)
11. Re-attach the upper ball joint, the emergency brake cable retaining bolt, sway bar nut, and brake line retaining clip.
14. Install Skyjacker Rear Shocks, Part # H7023 or N8023.
15. Install the rear tires and wheels.
16. Retighten all hardware nuts after 500 miles.



Fig 1.



Fig 2.



Fig 3.



Fig 4.



Fig 5.

Final Notes:

- After installation is complete, double check that all nuts and bolts are tight. Check to ensure there is adequate clearance between all rotating, mobile, and fixed members.
- Ensure there is adequate clearance between exhaust and brakelines, fuel lines, fuel tank, floor board, and wiring harnesses. Check steering gear for interference and proper working order. Inspect brakelines for damages and adequate clearance.
- With the vehicle on the floor, cycle steering lock to lock and inspect steering, suspension, driveline and brakeline systems for proper operation, tightness and adequate clearance.
- Have headlights readjusted to proper settings.
- Have a qualified alignment center check and realign to factory specifications.

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