

Suzuki DA16T Lift Kit

Instructions

1. Secure vehicle with jack stands on frame or vehicle lift.
2. Remove wheels and tires (4)
3. Place jack under rear end and remove rear shackles.
4. Remove rear shocks from lower mount
5. Lower rear end and install new shackles



6. Remove U-bolts
7. Lower rear end
8. Install wedge blocks between springs and rear end



9. Install new U-bolts
10. Reattach shock to new wedge block
11. Move jack to engine crossmember
12. Remove (4) engine crossmember bolts that attach crossmember to frame
13. Lower engine down and install 2"x2" block w/ 7/16" hole and new bolts (4) between crossmember and frame



14. Bolt crossmember back to the block using original bolts and new nuts (4)
15. Remove transmission mount from frame
16. Install 2" round spacers between transmission and mount using new bolts (3)

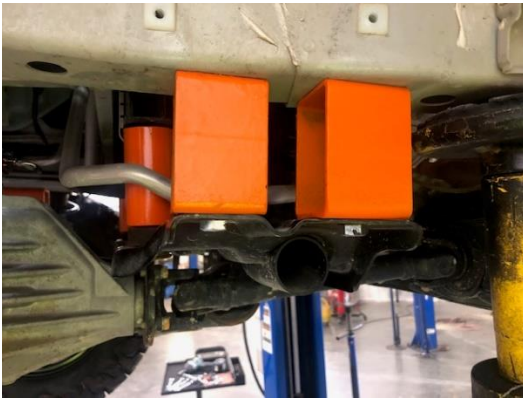


17. Reattach transmission mount to frame using original bolt
18. Move jack to front suspension crossmember ****DO NOT REMOVE SWAY BAR IF YOUR TRUCK HAS IT.**
19. Remove steering link from between the steering gear box and rack & pinion. ****STEERING WHEEL CANNOT MOVER DURING THIS. IF IT DOES YOU WILL DESTROY THE CLOCK SPRING**
20. Remove the bolts (8) holding the suspension crossmember to frame. Make sure all wires and lines are unhooked from crossmember and lower front suspension using jack.

21. Install radiator spacers (2) on bottom of radiator



22. Starting from back to front the 2" x 3" blocks (4) will go on the steering crossmember assembly near the front. [closest to bumper]



23. The 2" x 4" blocks (4) will go on steering cross member assembly near the back [closest to engine]



24. Unhook strut from body on driver side and install 3 bolt strut-cap on top of factory strut, using original nut from inside the truck

25. Take 3 bolt 4" strut-cap extension and center over factory strut hole and mark the 3 bolts to drill holes. Then drill 3 holes with 3/8 drill bit.

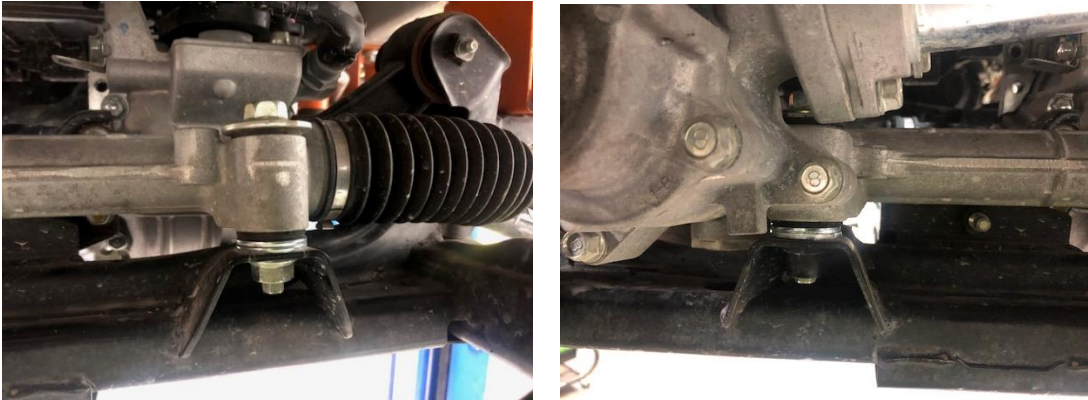


26. Once drilled install the 3 bolt 4" strut-cap extension and bolt under truck on top of the new 3 bolt strut cap



27. Move to passenger side and repeat steps 24-26

28. Remove steering rack and install 7/16" washers (2) under the rack.



29. Take steering link out and measure total length of the steering link. Cut the steering link anywhere between the splines and joint.



30. Add steering link extension. New overall length needs to be 3" longer...tac in place

31. Reinstall to confirm steering link lines up and works properly. If so, weld extension in place (previous tac location)

32. Take 2" x 2" block w/ 5/16 hole attach to steering crossmember for a/c line



33. Double check all bolts are tight.

34. Lower the truck off jack stands

35. Reverse truck and pull forward 3-4 times to allow truck to settle on struts

36. Align truck

Packing list

- 1=Steering extension
- 4=2x2" w/ 7/16" hole block (Engine Crossmember block)
- 4= 2x4" w/ 9/16" hole block (Steering crossmember rear spacer)
- 4=2x3" w/ 1/2" hole block (Steering crossmember front spacer)
- 2=3x5" wedge w/ 7/16" bolt welded block (Rear end wedge block)
- 3=1/2" x 2" transmission spacer
- 2=Strut cap extension
- 2=3-bolt strut cap
- 4=leaf spring shackles
- 2=radiator spacers
- 4=U-bolts
- 3=M10 x 75mm bolts
- 4=M10 x 25mm bolts
- 4=M10 nuts
- 6=M8 nuts
- 2=1/2 x 4" bolts
- 2= 1/2 x 4 1/2" bolts
- 8=1/2 x 1" bolts
- 12= 1/2" lock nuts
- 7= 3/8 x 1" bolts
- 7= 3/8 lock nuts
- 4= 7/16" flat washers
- 6= 3/8" flat washers