

Ford Maverick 4WD - Flatout Suspension Level Lift Installation:

Things you'll need:

8mm Socket
10mm Socket
13mm Socket
15mm Socket
18mm Socket
21mm Socket
T40 Torx

Removal: (Front)

- Step 1. Raise the hood and remove the clips at the leading edge of the wiper cowl.
- Step 2. Lift the wiper cowl to allow access to the (2) 10mm bolts securing the strut tower covers and remove the covers.
- Step 3. Raise the vehicle and remove all of the wheels.
- Step 4. Remove the 15mm tie rod end nut.
- Step 5. Remove the 18mm nut securing the sway bar endlink from the strut.
- Step 6. Remove the ABS sensor wire by unclipping it from the strut body.
- Step 7. Remove the 8mm bolt securing the brake line to the strut.
- Step 8. Remove the (2) 19mm nuts at the knuckle holding the strut.
- Step 9. Use a hammer to tap the bolts out of the knuckle.
- Step 10. Remove the 18mm endlink nut at the sway bar.
- Step 11. Remove the (3) 13mm bolts securing the strut up top and remove strut assembly.

Installation: (Front)

Install supplied spacer to the strut top using supplied hardware

YOU WILL NEED TO TRIM THE LIP ON THE BOTTOM OF THE FRONT STRUT FOR AXLE CLEARANCE.

- Step 1. Feed the top of the assembly through the strut tower and loosely install the (3) 13mm bolts to hold it in place.
- Step 2. Use a prybar to insert the knuckle into the tabs of the assembly.
- Step 3. Tap the (2) mounting bolts (1 OEM/ 1 Eccentric) into the knuckle and install the (2) nuts.
- Step 4. Install the brake line and (2) ABS lines into the corresponding brackets.
- Step 5. Reinstall the wheel and repeat on the other side..
- Step 6. Adjust endlinks so they are 9.5-10" stud to stud

Let's move onto the rear suspension...

Removal: (Rear)

1. Remove the 18mm nut securing the endlink to the lower arm.
2. Push the endlink away from the arm.
3. Remove the 15mm bolt/ nut securing the bottom of the shock.
4. Remove (2) 10mm nuts and (1) clip securing the sound deadening pad.
5. *Loosen* the 15mm bolt securing the upper control arm bolt.
6. *Loosen* the 15mm bolt securing the trailing arm to the knuckle.
7. Remove the 15mm bolt securing the control arm to the knuckle.
8. Gently pull down on the lower control arm to free the rear spring.
9. Remove the upper and lower rubber pads for the spring, discard the lower.
10. Remove the nub on the upper rubber pad (square nub)
11. Remove the trailing arm bolts from the frame and install spacers between the arm and unibody and secure them with the new bolts.
12. Install new rubber pad onto the lower arm.
13. Install spring height adjuster (blue rings should be all the way down at the bottom)
14. Reinstall the trimmed rubber pad at the top on the body.
15. Pull down on control arm and install the new spring. Up top, ensure the spring “clips” into the rubber pad up top. You will see three “fingers” inside the spring.
16. Install the (2) 18mm bolts to secure the shock.
17. Reinstall the knuckle and shock into the arm using the (2) 15mm nuts/ bolts.
18. Retighten the bolts on the arms loosened for removal.
19. Reinstall the sway bar endlink.
20. Move onto the other side and repeat the procedure.
21. Reinstall the wheels.

If you have the camber adjustable arms, you will install them now. Be sure and set the length to match the OEM arms. You can do this by spinning the end and laying the arm overtop of the other and sliding the mounting bolt through the arms. When you can pull the bolt in/out with ease, they are ready for installation. Be sure and lock the jam nut in place, and tighten the small allen bolt to lock in the adjustment. *This will be readjusted when you get your alignment.*

To set height in the rear, again, reference your baseline. If you want a 1.5” lift, you *should* already be there by adjusting nothing. Should you want to adjust the height, simply spin the blue perch upwards the same amount you want to increase. If you want another half inch, move the perch half an inch. Once height is selected, lock the smaller ring against the perch, lower the vehicle and move the car back and forth again. Re-measure and repeat the procedure if needed.

You're done!