MAVERICK

2022+ Ford Maverick 2WD/4WD/Hybrid front leveling kit installation guide

Professional installation is recommended

IMPORTANT!

Lifting and modifying the suspension on your vehicle may result in drive line vibrations, damaged bushings, erratic handling characteristics, and shortened suspension component life. HRG Offroad recommends the following:
-Checking and/or replacing worn drive axles with new parts, not remanufactured.
-Checking and/or replacing all worn factory rubber bushings with urethane bushings, such as Prothane.
-Checking and/or replacing worn shock absorbers and bump stops.
-Performing a 4 wheel alignment after working on suspension components.
Lift kits may not be legal for use on public highways in your area. Please check local laws before installing!!

WARNING!

Lifted vehicles are more prone to rolling over.
Some HRG Offroad products are designed to improve off-road capabilities. Modifying the suspension of your vehicle may result in handling characteristics that are different from a factory equipped vehicle. Extreme care must be used to prevent a rollover or loss of control. Always operate your modified vehicle at a reduced speed to ensure your ability to maintain control under all driving conditions. Driving your vehicle in an unsafe manner may result in serious injury or death. HRG Offroad lift kits are designed and tested to work together. HRG Offroad does not recommend combining this lift kit with any other type of suspension or body lift. Always wear your seat belt.

Recommended tire/wheel sizes:

245/60/18
245/65/17
245/70/16

Be sure to check fitment prior to installation! These sizes are only suggestions. HRG is not responsible for improperly fitted wheels/tires.

Included in the kit:

2 1.25" front lift spacers 5072
6 M8x16 bolts (spacer mounting bolts)
2 0.75x0.5 M8 spacers (brake line spacers)
2 M6x25 bolts (brake line spacers)
2 M14 Front Camber adjustment bolts
2 replacement sway bar end links

Tools required:

Floor Jack or lift, lug wrench, 12mm, 13mm, 15mm, 18mm, 19mm, 21mm sockets and wrenches, T40 Torx bit, panel removal tool, bench grinder or flap wheel, torque wrench and heavy hammer.

Approximate installation time 2-3 hours

Front installation:

Step 1. Lift vehicle and support with jack stands.

Step 2. Remove wheels.

Step 3. Remove brake/ABS lines from driver side strut.

Step 4. Using 18mm wrench and Torx T40 bit, remove sway bar link.

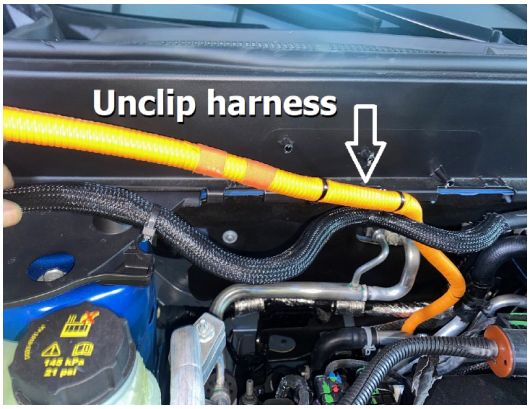
Step 5. Remove nuts connecting strut to knuckle. Strike bolts carefully with hammer to slide bolts out. Do not use an impact to back bolts out of knuckle.

NOTE: Do not allow the hub to fall loose, as the axle may come out of the inner CV joint.

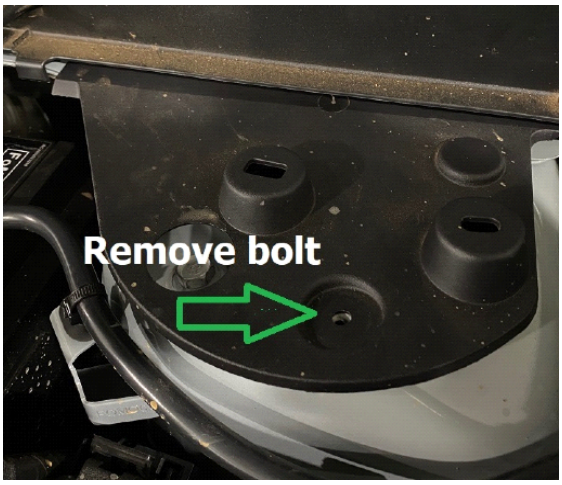
Step 6. Support knuckle with floor jack or screw jack.

Step 7. Using a panel removal tool, pry up plastic cowl cover.

Step 7a **(HYBRID MODELS ONLY)** unclip wiring harness from cowl cover.



Step 8. Using a 10mm socket, remove plastic panel covering strut bolts.



Step 9. Using a 13mm socket, remove the bolts at the top of the strut connecting strut to strut tower.

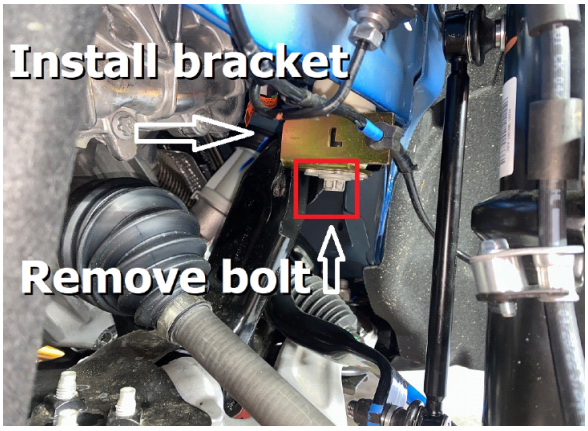
Step 10. Remove strut. Save hardware for reinstallation.

Step 11. Remove ABS wiring from inner fender

Step 12. Disconnect ABS wire from wheel sensor.

Step 13. Remove mounting bolt (see photo below)

Step 14. Install ABS wire relocation bracket as shown, reinstall mounting bolt.



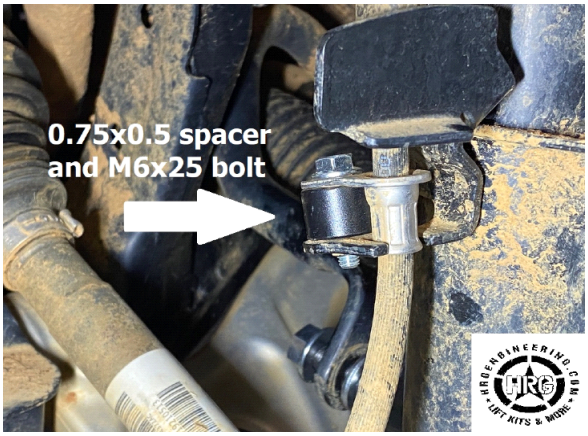
Step 15. Reroute ABS wire as shown brake line bracket and plug back into wheel sensor. (see photo)

Step 16. Install lift spacers onto strut using supplied M8x16 bolts as shown.

Step 17. Reinstall strut with spacer attached, using original hardware through the shock tower and into the spacer.

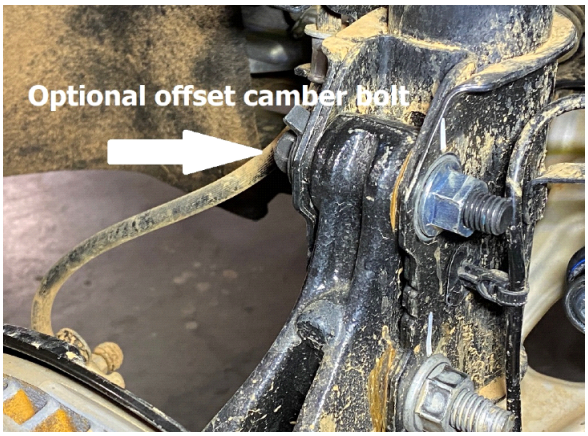
Step 18. Replace plastic shock tower cover.

Step 19. Place 0.5x0.75 spacer between brake line and brake line mounting bracket on the strut. Secure with supplied M6x25 bolt.



Step 20. Install lower bolt connecting strut to knuckle.

Step 21. Install offset camber adjustment bolt in place of upper strut bolt. (See separate instructions included with bolts.)



Step 22. Repeat steps 3-22 for passenger side.

Step 23. Install left and right side sway bar links.

Step 24. Tighten all bolts.

Step 25. Reinstall wheels.

Step 26. Get a professional 4 wheel alignment.

Note: Installing a lift kit will change the suspension geometry and will require a 4 wheel alignment.

Warning: Failure to follow the procedures in these installation instructions may result in unsafe handling characteristics, damage to vehicle, or loss of control.

For tech support, please call 1-844- HRG LIFT (474-5438) from 8-4:30 PM EST Mon-Thu 8-3:30 PM Fri or email us 24/7 at support@hrgoffroad.com.

This product is intended for off-road use only!!

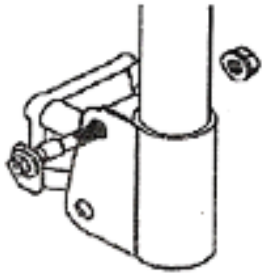
CAMBER BOLT INSTRUCTIONS

WARNING: THE NUTS ON THESE BOLTS HAVE A SELF-LOCKING FEATURE. THE NUT WILL STOP TURNING ONCE YOU REACH THIS POINT AND YOU CAN NO LONGER TURN IT BY HAND. YOU MUST USE A TORQUE WRENCH TO TIGHTEN THEM TO THE SPECIFICATIONS LISTED BELOW. ONCE TORQUED, THE NUT WILL LOCK ONTO THE BOLT.

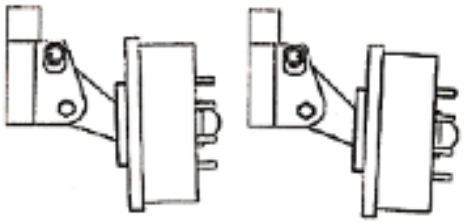
For camber changes greater than 1 degree, it will be necessary to install camber bolts in upper and lower bolt locations in the strut flange.

1. Check and document initial alignment readings
2. Raise vehicle and remove tire/wheel assembly
3. Remove upper strut bolt (do not loosen lower strut bolt)
4. Install slotted washer on bolt.
5. Insert camber bolt with washer through the strut/spindle assembly in the same direction the OEM bolt came out. Snug lock nut but do not tighten
6. Loosen lower strut bolt. On models with splined spindle bolt, drive bolt out until splines are free from flange.
7. Reinstall tire/wheel assembly and alignment equipment or simply use Camber Kwik gauge. Rotate camber bolt until desired camber is acheived.
8. Tighten all bolts and torque but DO NOT EXCEED TORQUE SPECIFICATIONS.
9. Proceed with rest of alignment and road test vehicle.

Insert Mega Cam, with the washer already on bolt into the strut housing in the same direction the OE bolt came out.



Point the marking located on the head of the Mega Cam towards the inside of the vehicle for full negative camber.



Point the marking located on the head of the Mega Cam towards the outside of the vehicle for full positive camber.

Part #	Max. Torque Specifications	
1001	90 ft. lbs.	12mm Ultra Cam
1002	100 ft. lbs.	14mm Ultra Cam
1003	100 ft. lbs.	15mm Ultra Cam
1004	150 ft. lbs.	16mm Ultra Cam
1005	150 ft. lbs.	17mm Ultra Cam