

GM 1500 front leveling kit instructions



Install instructions

- 1: To begin install, block the rear tires of the vehicle so that the vehicle is stable and can't roll backwards. Safely lift the front of the vehicle and support the frame with jack stands. Place jack stands on both sides of the vehicle and remove both front tires.
- 2: Using a 15mm wrench, unbolt the nut for the swaybar end-link. Take out the sway bar end-link.
- 3: Unbolt the brackets for the abs line using a 10mm socket/wrench.
- 4: Unbolt the single 13mm bolt holding the brake line bracket to the coil housing
- 5: Support the lower control arm with a floor jack.
- 6: Using a 21mm socket unbolt the nut holding the tie rod to the knuckle.
- 7: Using an 18mm socket loosen the nut holding the upper ball joint to the knuckle.
- 8: Strike the side of the knuckle where the upper ball joint and tie rod are with a hammer.
The upper ball joint and tie rod will separate from the knuckle.
- 9: Remove the tie rod and upper ball joint from the knuckle.
- 10: Using a 18mm wrench, unbolt the three nuts holding the strut assembly to the frame/housing.
- 11: Using a 15mm socket unbolt the two bolts holding the strut to the lower control arm. The head of the bolts is on the underside of the lower control arm.
- 12: Slowly remove the floor jack for the lower control arm and remove the strut from the vehicle.
- 13: Set the spacer on top of the strut assembly. It will only go on one way.
- 14: Place a floor jack and raise the lower arm slightly so that the lower part of the strut can be bolted to the lower control arm using the 15mm factory bolts.
- 15: Press the upper portion of the strut assembly into the coil bucket. Raise the lower control arm with the floor jack until the 3 studs on top go through the three holes on the coil bucket.
- 16: Using a 18mm wrench bolt the three nuts to the strut assembly.
- 17: Lower the floor jack and place the jack under the knuckle. Hold the bracket for the ABS line so that it is on the right side before the next step
- 18: Raise the floor jack while supporting the knuckle until you are able to partially reinsert the threaded portion of the upper ball joint into the hole on the top of the knuckle.
- 19: Insert a pry bar into the coil spring and pry down on the lower control arm until the upper ball joint can be bolted to the knuckle.
- 20: Using a 18mm wrench and a plier, tighten the nut for the upper ball joint. Use the plier to keep the ball joint from rotating
- 21: Using a 21mm wrench and a 10mm wrench bolt the tie rod to the knuckle.
- 22: Reinstall the ABS brackets and the brake line bracket.
- 23: Bolt back the sway bar end links using a 15mm nut.
- 24: Install the front wheel

Terms and conditions

Please read the following terms and conditions of use before using this product

All users of this product are subject to the following terms and conditions and other applicable law. If you do not agree with these terms do not use this product. All parts of this product should be assembled or installed by a certified mechanic.

Limitation of Liability

MotoFab or its affiliates shall not be liable for any damages or consequential damages that result from the use of or inability to use the materials on this product or the performance of the product. Even if MotoFab or its affiliates have been advised of the possibility of such damages. Applicable law may not allow the limitation of exclusion of liability or incidental or consequential damages. So the above limitation or exclusion may not apply to you.