



## 06-19 Ram 1500 4WD/05-13 Dakota 2WD/4WD Front lift kit instructions



Tools needed: Floor jack  
Jack stands  
Assorted metric tools  
Pry bar  
Hammer

- Step 1: Raise the vehicle and support the frame with jack stands.
- Step 2: Remove the front wheel.
- Step 3: Disconnect the sway bar and move it out of the way.
- Step 4: Disconnect the ABS line from the upper control arm and knuckle.
- Step 5: Support the lower control arm with a floor jack.
- Step 6: Separate the upper ball joint by removing the nut and striking the side of the knuckle with a hammer.
- Step 7: Unbolt the tie rod from the knuckle and remove it by striking it with a hammer.
- Step 8: Remove the three upper strut nuts.
- Step 9: Remove the lower strut bolt.
- Step 10: Slowly drop the lower control arm with the jack and remove the strut.
- Step 11: Install the supplied new bolts into your new billet MotoFab spacer.
- Step 12: Install the spacer on top of the OEM strut using the included nuts.
- Step 13: Reinstall the strut assembly. (it will only go in 180 degrees from the way it came out)  
Special off road edition RAM/Dakotas may come with shocks with the upper coil hat at a slight angle. This will prevent the strut from being bolted back in. Use a spring compressor and compress the springs enough to rotate the upper spacer assembly 180 degrees without moving the lower shock mounting bracket.
- Step 14: Reinstall the lower shock mount bolt.
- Step 15: Using the floor jack raise the lower control arm so the new studs go through the holes in the coil housing and continue until the upper ball joint can be re attached. Torque the nuts to 40ft-lbs. Depending on which lift you purchased you may need to use a pry bar to pry down on the upper control arm in order to bolt the upper arm to the spindle.
- Step 16: Torque the upper ball joint to 70ft-lbs.
- Step 17: Reattach the ABS line to the upper control arm. Then reattach the sway bar and tie rod.
- Step 18: Reinstall the front wheels and lower to the ground.
- Step 19: It is always recommended when installing a lift kit to have a front end alignment.

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