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**PRODUCT: 301370**  
**07-16 GM 1500 TRUCK 7" REAR FLIP KIT**

**PARTS LIST QTY**

U-BOLT PLATE	2
AXLE RELOCATOR	2
U-BOLT RETAINER	2
10mm x 1.5 x 35mm Bolt	2
8mm x 1.25 x 20mm Bolt	2
8mm x 1.25 Serrated Locknut	2
8mm Washer	2
5/16" Washer	2
LOW PROFILE BUMP STOP	2
1/2" Trans Spacer (Gold)	1
1/4" Trans Spacer (Silver)	1

PLEASE DOUBLE CHECK THE PARTS LIST BEFORE BEGINNING INSTALLATION TO ENSURE ALL PARTS ARE PRESENT. IF THERE IS SOMETHING MISSING, PLEASE CALL US RIGHT AWAY. 714-630-0363

READ THE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING

**PRIOR TO INSTALLATION:**

1. Factory service manual is recommended to have on hand.
2. Secure and properly block vehicle prior to beginning installation.
3. Always wear safety glasses when using power tools or working under the vehicle.
4. Modifications to any part will void the warranty associated with that product.

After removing parts from vehicle, save hardware for reinstallation

**IT IS RECOMMENDED THAT YOU HAVE YOUR VEHICLE'S ALIGNMENT CHECKED WHENEVER INSTALLING NEW TIRES. IT IS ALSO RECOMMENDED THAT YOU ADJUST YOUR HEADLIGHTS WHENEVER YOUR VEHICLE'S RIDE HEIGHT IS ALTERED.**

## INSTALLATION INSTRUCTIONS - 301370

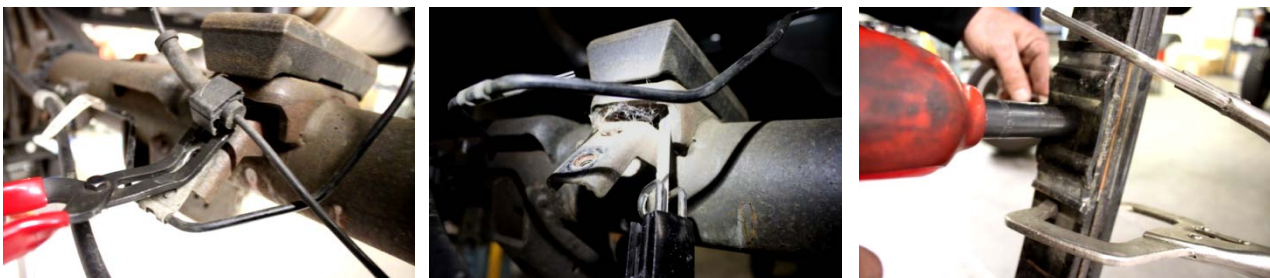
- 1) The gas tank will need to be removed in order to access the front leaf spring bolt on the driver's side. **(THIS STEP IS EASIEST IF THE TANK IS NEAR EMPTY)** Start by removing the 3 bolts under the frame which mount the plastic skid plate for the gas tank. Then swing the skid plate down and unhook it from the other side of the gas tank. Next, support the tank with either an adjustable stand or ratchet straps secured across the belly of the tank. Then remove the 2 mounting bolts which hold the gas tank mounting straps to the frame, swing the straps down, and unhook them from the other side of the tank. Next, remove the 3 bolts at the filler neck in the gas door. Then lower the tank 6- 12 inches, guiding the filler neck as you lower it.



- 2) Unbolt the shock at both ends and remove the shock.
- 3) Remove nut from mounting bolt at front of the leaf spring. Do not remove bolt.
- 4) Remove nut at shackle hanger pivot bolt. Do not remove bolt.



- 5) Support axle and remove u-bolts and u-bolt plate. Lower axle slightly, remove both leaf spring mounting bolts, and remove leaf spring.
- 6) Unbolt the brake line guide and remove the ABS wire guide from the mount on the axle. Once out of the way, cut bracket off the axle. **(NEW AXLE RELOCATOR HAS A NEW BRACKET)**
- 7) The leaf spring centering pin will need to be removed and re-installed the opposite way it came out. While the pin is out, the small u-bolt plate will need to be removed and discarded. **(THE LEAF SPRING PACK IS HELD TOGETHER BY THIS CENTERING PIN SO CLAMPS WILL NEED TO BE INSTALLED ON THE LEAF PACK TO HOLD IT TOGETHER WHILE THE CENTERING PIN IS REMOVED)**

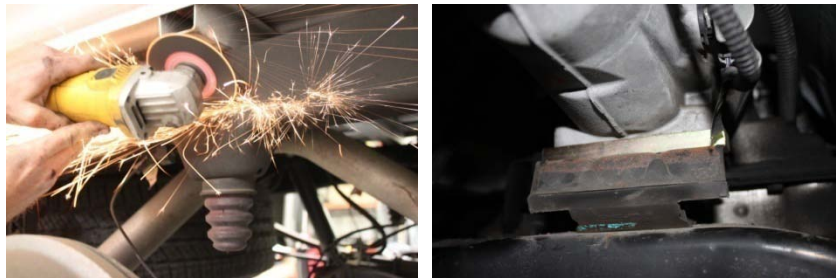


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- 8) Install the leaf spring into the front mount, install bolt and nut, but don't tighten. Slightly jack up the rear axle, and with the axle relocater held on the center pin of the leaf spring, swing the leaf spring up under the axle, making sure the axle relocater aligns up under the original spring perch, and install the rear mounting bolt through the shackle. (MAKE SURE THE 2 HOLED BRACKET ON THE AXLE RELOCATOR IS FACING THE REAR OF THE TRUCK WHEN COMPLETING THIS STEP) Do not tighten front leaf spring or shackle hardware until the vehicle is on the ground.
- 9) Place the small spring plate on top of the original spring perch with the ears facing up. Now install the original u-bolts facing down and going through the new big spring plate which will be under the leaf pack. Tighten u-bolts and torque to factory specs.
- 10) Re-attach the brake line mount and ABS wire mount to the axle relocater using the provided 8mm bolts.



- 11) Also included is two transmission mount spacers to correct drive line angles. The gold, 1/2" tall spacer is for the 2007-2013 trucks with a 1 piece drive shaft; The silver, 3/4" tall spacer is for the 2014-UP trucks with a 1 piece drive shaft. Remove the two mounting bolts that hold the mount to the transmission, jack up the transmission, insert the appropriate spacer, then re-install using the provided 10MM Bolts. **(NOTE IF YOU HAVE A TWO PIECE DRIVESHAFT ON A 2014-UP TRUCK, PART NUMBER 611500 WILL NEED TO BE PURCHASED)**



- 12) Once factory bump stop mount is cut off, sharp edges are removed, and the frame is painted, mark the axle where it will come into contact with the frame. Drill a 5/16" hole centered on the frame where you made the mark.
- 13) Using a 3/8-16 reamer, tap the hole in the frame and install the provided bump stop.

