



PRODUCT: 301360
07-14 GM 1500 TRUCK REAR FLIP KIT

PARTS LIST QTY

U-BOLT PLATE	2
AXLE RELOCATOR	2
U-BOLT RETAINER	2
TRANSMISSION SPACER	1
REAR HANGER - DRIVER	1
REAR HANGER - PASSENGER	1
LOW PROFILE BUMPSTOP	2
3/8" NYLOCK NUT	2
7/16-14 x 1 1/4" Bolt	6
7/16-14 Nylock Nut	6
7/16 SAE Washer	12
10mm x 1.5 x 35mm Bolt	2
3/8" Washers	4
1/4" x 1 1/2" Self Tapping Bolt	2
8mm x 1.25 x 20mm Bolt	2
8mm x 1.25 Serrated Locknut	2
8mm Washer	2
1/4" Flat Washer	2
5/16" Washer	2

PLEASE DOUBLE CHECK THE PARTS LIST BEFORE BEGINNING INSTALLATION, TO ENSURE ALL PARTS ARE PRESENT

READ THE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING THE INSTALLATION.

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 - 301360

- 1) Unbolt the 6 bolts which mount the trailer hitch to the frame and remove the hitch. The lower shackle bolt cannot be removed with hitch still attached.
- 2) 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.



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



- 6) Support axle and remove u-bolts and u-bolt plate, lower axle slightly, remove both leaf spring mounting bolts, and remove leaf spring.
- 7) With leaf spring removed and set aside, you now have easy access to removing the rear spring hanger. Start by using a cutting tool to make one or more cuts in each of the 3 rivets which mount the hanger to the frame. (Make sure the cuts go all the way to the hanger surface) then with a pneumatic hammer and chisel attachment, remove the rivet heads. After the head is removed, use a pneumatic hammer with a punch attachment to push the rivets through the frame.

INSTALLATION INSTRUCTIONS - 301360

- 8) Once the 3 rivets are removed, unbolt the remaining mounting bolt and remove the factory hanger.



- 9) Repeat the process of step 7 to remove the hanger support bracket, which is now exposed and being held on by 1 rivet (07-13 model) or welded on (2014+ model).
- 10) If installing the new hanger in its highest holes for maximum drop, the body seem on the bottom of the bed will need to be bent out of the way.
- 11) Install the new hanger with shackle pre-assembled in the downward position using 3 of the provided 7/16 bolts and re-using the 1 factory bolt. The shackle bolt cannot be installed after the hanger is installed. Located on your new hanger is four sets of holes: using the top hole and the 3rd hole from the top will lower the vehicle 5 inches, using the 2nd and 4th holes will lower the vehicle 6 inches.



- 12) 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 relocater has a new bracket)
- 13) 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)

INSTALLATION INSTRUCTIONS - 301360

- 14) 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 relocater 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.



- 15) 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.
- 16) Re-attach the brake line mount and abs wire mount to the axle relocater using the provided 8mm bolts.



- 17) The stock bump stop mount will need to be cut off even with the bottom of the frame using a cutting tool or reciprocating saw. Once this is done, clean up all sharp edges with a grinding tool or sanding disk. Then spray paint the exposed frame rail to protect the raw material. Now you will need to drill a pilot hole in the frame for the self tapping bolt. (drill size 7/32") the hole will need to be centered on the frame and located so that the bump stop will come into contact with the bump pad on the axle. (the factory bump stop will need to be cut down for a 7" drop)
- 18) Also included is a transmission mount spacer to correct a small drive line vibration. Remove the two bolts attaching the mount to the transmission, raise the transmission, and insert the spacer. Tighten down the spacer and transmission using the provided 10mm bolts.

