

Rev. # 7-07

PART #FK2392-4

2002-2010 Dodge Ram 1500 Rear Flip Kit INSTALLATION INSTRUCTIONS

Please take the time to read these **INSTALLATION INSTRUCTIONS** and check the **Hardware Parts List** to be sure you have all the listed parts.

These installation instructions are prepared for the professional installer with the proper equipment, tools and experience in suspension systems and safety. This vehicle and its components are extremely heavy and can be dangerous without the proper equipment and experience.

Please read the warranty information (blue page enclosed). Complete your **Product Warranty Card** and mail it to DJM Suspension.

Please take a few minutes to fill out your installation helper (back side of warranty). Accurate measurements **BEFORE BEGINNING INSTALLATION** will show any irregularities in your vehicle.

**NEVER WORK UNDER TRUCK SUPPORTED BY A JACK ONLY !!!
USE QUALITY JACK STANDS WHICH HAVE A RATING ADEQUATE FOR YOUR TRUCKS WEIGHT!!!**

New shocks are required. Use DJM #2200 Driver side & 2400 Passenger side.

Hardware Parts List:

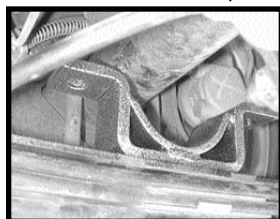
- 2 - Axle Locators (1010A).
- 2 - Upper Axle Plates(1010P).
- 2 - Spring Plates. (1026)
- 4 - U-bolts (1091)
- 8 - 5/8" x 18" Nylock Nuts
- 8 - 5/8" Flat Washers
- 1- Locktite.
- 2 - Lifting Shackles (1008).

- 2 - Bump Stop Brackets (2392).
- 2 - Rear Bump Stops (2392).
- 2 - 5/8" x 11x 3-1/2" Tap Bolts.
- 2 - 5/8" x 11x4 Tap Bolts
- 8 - 5/8" Flat Washers.
- 4 - 5/8" Nylock Nuts.
- 2 - 3/8 x 16 x 1 Hex Head Bolts.
- 2 - 3/8 x 16 Nylock Nuts.
- 2 - 3/8 Counter Sunk Bolts.

Remove rear leaf springs (suggest doing one side at a time). Remove stock shackle and loosely bolt the new shackle to the spring.

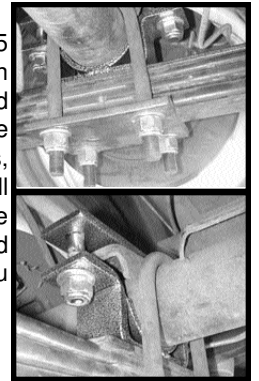


Reinstall the leaf spring under the axle. Place the new axle locator bracket on top of the spring with the off center hole



toward front of vehicle. This will center the rear axle and pull the drive shaft back from the transmission slightly. If brake line is in the way, remove the bolt holding the clip and move it out of the way. Lower the rear axle into the new axle supports.

Install new U-bolts and spring plates (5 hole) on the bottom of the springs. Tighten u-bolts to hold axle in place, you may need to loosen them again to adjust drive line angle. Place the new upper axle plates, with the pin down, on top of the axle. Install and tighten the 5/8" bolts provided with one flat washers on top of the upper plate and one on the bottom of the axle locator. You can use a zip tie to secure the brake line.



Remove stock rear bump stop. Find the 3/8 countersunk bolt. Apply loctite to threads and install the bump stop bracket with this hole facing forward. It will screw right in. Install urethane bump stop with the 3/8 bolt and nut provided. Do not forget to loctite the bolt.



The rear shackles have already been installed. The final height can be adjusted depending on which hole the spring is installed. When satisfied with the height tighten shackle bolts. Install new rear shocks part # 2200 Driver side and #2400 Passenger side. Check all bolt are tightened.



Install rear wheels and torque lug nuts. Remove jack stand and floor jack. Test drive and adjust pinion angle as necessary. Measure and record the height of the rear on the installation helper.

SOME DODGE'S HAVE ENHANCED PERFORMANCE ENGINES. IF THE VEHICLE HAS ONE OF THESE ENGINES WE RECOMMEND WELDING AXLE BRACKET TO FACTORY AXLE TUBE. BEFORE WELDING MAKE SURE PINION ANGLE IS CORRECT AND THERE IS NO VIBRATION IN DRIVE LINE.