



Rev. # 10-02

# PART # FK2699-8

## 2001-2010 CHEVY 1500\3500 HD 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 #1500 Driver side & 1800 Passenger side.

#### Hardware Parts List:

##### Axle Flip Kit

- 2- Universal Axle Locators (1010A)
- 2- Upper Axle Plates (1010P)
- 4- 5/8" U-Bolts (1026)
- 8- 5/8" x 18 Nuts
- 8- 5/8" Flat Washers
- 2- Leaf Spring Plates (1026)
- 2- Urethane Bump Stops (10R)
- 2- 3/8" x 24 x 5" Spring Center Pins
- 2- 3/8" x 24 Nylock Nuts
- 2- 5/8" x 11 x 4" Tap Bolts
- 2- 5/8" x 11 x 4-1/2" Tap Bolts
- 8- 5/8" Flat Washers
- 4- 5/8" x 11 Nylock Nuts

##### Frame Support Kit (2699)

- 1- Frame Support (Left)
- 1- Frame Support (Right)
- 16- 1/2"x 13 x 1.75" Bolts
- 16- 1/2" SAE Flat Washers
- 16- 1/2" x 13 Nylock Nuts

##### Carrier Bearing Bracket:

- 1- Bracket(CB99)
- 2- 3/8" x 16 Nylock Nuts
- 2- 3/8" x 16 x 3" Bolts
- 4- 3/8 Flat Washers.

**NOTICE TO END USER :** This kit is very low and could cause clearance problems depending on road, driveway or other conditions. The frame on this kit with the stock tires measures 5.5" of ground clearance. You also may lose some weight capacity in the rear end due to the removal of the upper overload springs. We recommend that you read through the instructions. contact DJM's tech line and ask your installer about your needs and compatibility with this kit.

**This kit uses Universal Axle Locators!**  
**Read and understand these instructions**  
**before beginning.**



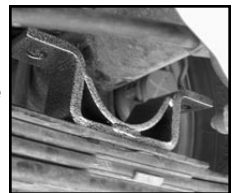
#### RELOCATING (FLIPPING) REAR AXLE

**UPPER OVERLOADS AND STRIKER PADS MUST BE REMOVED.**

Remove front and rear spring eye bolts and remove spring from truck. Keep bolts they will be reused to reassemble springs. Using two C-clamps, clamp leaf springs together on both sides of center bolt. Remove center bolt. Slowly loosen clamps. Remove top overload spring and spacer block. Clamp springs back together while aligning center holes. Install new center pins. Remove overload striker pads from frame rails.

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. Lower the rear axle into the new axle supports. Rotate axle to desired pinion angle.



Install new U-bolts and spring plates (5 hole) on the bottom of the springs. Cross-torque u-bolts.



Place the new upper axle plates with the pin down on top of the axle. From the 5/8" bolts included, choose the appropriate length bolts. 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.





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### INSTALLATION INSTRUCTIONS

#### **Installing Frame Supports**

Frame supports are installed after axle is relocated. Raise the axle, and mark the center on the frame. Use this mark to center the frame support. Make a template or use one of the brackets and mark the frame. Use a sawzall, cutting wheel or plasma cutter to notch frame. **Do not use a torch!!** Move any wires or brake lines out of the way before cutting. Drill and bolt frame support to frame. Install bump stop to frame support.



**Raise the Carrier bearing to correct drive line angle. See instructions below.**

Install new rear shocks. Use 1700 (shorter shock) on the driver side and 1800 (longer shock) on the passenger side.

After raising carrier bearing, test drive and adjust pinion angle as necessary.

Refer to checklist on INSTALLATION HELPER and complete the installation. Measure and record completed height.

AFTER THE INSTALLATION IS COMPLETE AND ALL ADJUSTMENTS TO DRIVE LINE ARE MADE DJM RECOMMENDS WELDING AXLE BRACKET TO FACTORY AXLE TUBE. BEFORE WELDING MAKE SURE PINION ANGLE IS CORRECT AND THERE IS NO VIBRATION IN DRIVE LINE.



## PART # CB99

### Carrier Bearing Bracket

1999-2006 CHEVY 1500  
2001-2010 CHEVY HD

### INSTALLATION INSTRUCTIONS



Rev. # 5-02

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#### **Hardware Parts List:**

- 1- Carrier Bearing Bracket.
- 2- 3/8" x 3-1/2" Bolts w/ nuts and washers.

Vehicles with 2 piece drive shafts may experience drive line vibration at low speeds and will need to raise the carrier bearing.

The bearing is welded to a round cross member and will need to be cut off and moved up.

Cut stock bracket off cross member. Place new bracket on carrier bearing and position on cross member at the new location. Mark the center of the slotted hole and drill through cross member with a 3/8" bit.

Bolt bracket to cross member and to carrier bearing and tighten. You can adjust bracket up or down if needed.



Check out all the DJM products on the web [www.DJMSuspension.com](http://www.DJMSuspension.com)

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