



# **Dodge Off Road, LLC**

*Specializing in Dodge Ram Solid-Axle 4x4  
Suspension and Steering for Off Road Applications*  
**dodgeoffroad.com Lakeview, Arkansas**

## **DODGE OFF ROAD SHACKLE FLIP INSTALLATION INSTRUCTIONS**

**For all 1994 - 2002 Ram 2500 and 3500 4x4 trucks.**



Remove your factory shackle plates from the frame. They are riveted in place by 4 rivets each.

Unbolt the leaf pack from the shackle. You can discard the whole shackle plate and factory shackle assembly.

The new DOR shackle flip plate bolts to the frame in the same holes using ½" bolts. The bushing is offset; that offset goes towards the front of the truck. The bracket in the above picture would go on the passenger side.

The new DOR shackle bolts to the bracket using 5/8" bolts, and to the leaf pack using 5/8" bolts.

The zero rate block goes directly under the leaf spring pack, with the offset bolt facing towards the front of the truck and with the nut on top of the leaf pack. Tighten the zero rate to the leaf pack first, then you can set the pre-installed center pin in the spring perch or factory block.

Install the optional U bolt flip kit or new factory style U bolts. If you use factory style U bolts, you will need to drill an offset hole in the top U bolt plate so the new DOR center bolt nut can fit inside the plate.

Remember, never use center bolts to tighten a leaf pack – use C clamps for this purpose.

Check all hardware after 500 miles.