



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 1500 SERIES SHACKLE FLIP QUICK INSTALL NOTES

For all 1994-2001 Dodge Ram 1500 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 1/2" 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 9/16" bolts. The 5/8" bolts do not need a washer but we include washers for the smaller 9/16" 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. On some trucks, you will need to drill the leaf spring perch center hole out with a 3/4" drill bit for the zero rate center pin to sit flush in the spring perch.

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. Email us if you have any questions! sales@dodgeoffroad.com