



RT21045

Installation Instructions

Kit Contents:

2 - HD Extended Shackles 2 – Bolts
2 – Nuts 4 - Washers



1. Ensure that all components in kit are accounted for.
2. Loosen both upper and lower original shackle bolts with the vehicle on the ground. Use a penetrating lubricant to help loosen them.
3. Once all 4 shackle bolts are loose, place the wheel chocks in front of and behind the front tires. Then jack vehicle by the rear axle, support the vehicle with jack stands and remove the wheels. Do not let the rear axle droop at this time.
4. Disconnect the rear shocks at the axle and sway bar at the frame and droop the axle a few inches.
5. Remove both shackle bolts on one side and remove the original shackle. Clean and lubricate the upper shackle area to aid installation. Ensure that the bushing in the leaf spring is in good condition (no cracks or deterioration of the rubber or sleeve). If the bushing shows signs or excessive wear, replace it prior to moving on.
6. Slide the new shackle into the upper shackle mount with the grease fitting facing the rear of the vehicle and loosely install it with the OE bolt. Now loosely install the shackle to the leaf spring bushing using the hardware provided. Do not torque at this time.
7. Repeat on the opposite side.
8. Jack up axle and reinstall the shocks, sway bar, and wheels, making sure proper torque is reached.
9. Remove jack stands from the body and lower the vehicle to the ground.
10. Jounce the rear bumper a few times to ensure the vehicle is at ride height. Torque upper shackle bolts to 115 ft. lbs. and lower shackle bolts to 80 ft. lbs. Inject grease into the shackle bushings.
11. An alignment must be performed after installing this kit. Failure to do so will cause dangerous driving characteristics and premature tire wear.
12. Headlights may need to be re-adjusted.
13. Re-torque all hardware after 500 miles and grease shackle bushing regularly.

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