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Part#: **128109**
Product: **1" Liff Shackle**
Application: **2007 Toyota Tundra 4WD**

READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.

SAFETY WARNING BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the front wheels for safety.
2. Raise the rear of the vehicle and support with jack stands under the frame rails, just ahead of the front leaf spring hangers.
3. Lower the spare tire from under the vehicle enough to allow the rear shackles to be removed.
4. Support the rear axle under the differential with a hydraulic jack. Remove the driver's and passenger's rear shackles.
5. Install the provided shackle plates on each frame rail using a 14mm x 140mm bolt, nut and washers. The short end of the shackle plate goes to the frame and the plates will offset in toward each other. Run the bolt from the inside of the frame outward. Leave hardware loose.
6. With both shackles in place, attach the spring eyes to the bottom holes of the shackle plates with a 14mm x 120mm bolt, nut and washers. Run the bolt from the inside out. Adjust the position of the spring eyes relative to the shackles by raising or lowering the axle with the jack. Leave hardware loose.
7. Position the provided spacer sleeve between the shackle plates at the center hole and fasten with a 14mm x 120mm bolt, nut and washers. Run the bolt from the inside out. Leave hardware loose.
8. With the shackles loosely assembled, remove the jack stands and lower the vehicle to the ground. Bounce the rear of the vehicle to settle the suspension and torque all 6 shackle bolts to 95 ft-lbs.
9. Raise the spare tire back to it stowed position.
10. Check hardware for proper torque.
11. Check hardware after 500 miles.

PARTS LIST

Part #	Qty	Description
01426	4	Offset Shackle Plate
01427	2	Spacer Sleeve
909	1	Bolt Pack
	2	14mm-2.00 x 140mm bolt
	4	14mm-2.00 x 120mm bolt
	6	14mm-2.00 prevailing torque nut
	12	9/16" SAE flat washer