



491 W. Garfield Ave., Coldwater, MI 49036

Phone: 517-279-2135

Web/live chat: www.bds-suspension.com

E-mail: tech@bds-suspension.com

Part#: **013309**

Product: **Rear Box Kit**

Application: **1980-1996 Ford F250**

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.

PARTS LIST

Description	Qty
"Z" Brake Line Drop Brkt	1
3/8" x 1" Bolt	1
3/8" Lockwasher	1
3/8" Nut	1
5/8 x 3-12 x 14-1/2" U-Bolt	4
5/8" Fine High Nut	8
5/8" Flatwasher	8
3" Lift Block	2

INSTALLATION INSTRUCTIONS

1. Safely raise the vehicle and support with jack stands for safety.
2. Remove the tires and wheels.
3. Place support floor jack under the rear axle.
4. Remove OEM shock absorbers.
5. Remove brake line junction block and vent line from axle housing.
6. With floor jack under the axle, remove the OEM u-bolts at the spring to axle connection.
7. Use the floor jack to lower the axle. Do not over extend the brake and axle vent hoses. The vent hose may need to be rerouted.
8. Inspect existing spring perches. If they are not in good condition, replace them at this time.
9. Install BDS supplied blocks between the spring pack and the spring perch. Make sure the tapered or shorter end is toward the front of the vehicle. **Note: Be sure that all contact points are clean from debris before installing.**
10. Raise the axle/blocks up to the spring pack and ensure that the center pin and block pin align with the appropriate holes.
11. Install supplied u-bolts with the fasteners supplied using the OEM u-bolt plate. Torque to 130-150 ft-lbs.
12. Install new "Z" brake line drop bracket. Remove the clip holding the brake line to the frame bracket. Dislodge the brake line from the bracket and cut the bracket in order to remove the line. Bend the frame bracket in order to remove the line and then bend it back into place. Attach the keyslot "Z" brake line drop bracket to the factory bracket using hardware supplied and attach the brake line to the keyslot. Reattach the junction block on the axle housing.
13. Install correct BDS shocks, tires and wheels.
14. Lower the vehicle to the floor.
15. Check all hardware for torque.