

Rear Block Kit

Installation Instructions

Ford

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.

PRODUCT SAFETY WARNING

Certain BDS Suspension products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. BDS Suspension Co. does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.

4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of BDS Suspension components. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, BDS Suspension Co. recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

POST-INSTALLATION WARNINGS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

INSTALLATION INSTRUCTIONS

NOTE: Complete the following instructions one side at a time. Do not attempt to drop the entire axle at one time.

1. Raise rear of vehicle and support with jack stands under frame. Remove wheels.
2. With axle firmly supported by jack stands remove the OEM shock. Place a hydraulic jack under the rear differential.
3. Loosen the OEM u-bolts that retain the spring to the axle. **Caution: To avoid axle shift, only remove/replace the u-bolts from one side at a time.**
4. With the hydraulic jack supporting the axle, slowly allow the axle to drop away from the leaf spring. Replace the jack stands for additional support. **Caution: It may be necessary to adjust the brake line in order to gain additional length.** Do not kink the brake line in any way.
5. Place the new block, tapered end toward the front, between the stock block and the leaf pack. Make sure the bump stop portion of the stock block is pointed the same direction as it was originally. **Note: It may be necessary to drill out the BDS block center pin hole to accept the OEM block pin.**
6. Slowly raise the axle with the hydraulic jack in order to assemble the blocks and leaf springs. **Caution: Do not bring this assembly under pressure until the u-bolts have been installed.** Make sure that all of the locating pins are inside their female counterparts.
7. Install BDS u-bolts with the supplied fasteners. **Caution: Be sure to install the u-bolts under the brake line.** Be sure the u-bolts are perpendicular to the axle before tightening.
8. Tighten the u-bolts to OEM specification. Replace wheels. Install correct BDS shocks recommended for this amount of lift. Replace the wheel.
9. Complete the above instructions for the other side of the vehicle.

BE SURE TO CHECK THE FASTENERS REGULARLY DURING THE FIRST 500 MILES OF USE.

