

# RUGGED OFF ROAD

## 5-5002

1999-10Ford  
Super Duty 4"  
Block Kit

**Step by step instructions and checklist:** Use the proper tools and safety equipment to perform all work. Torque all fasteners to proper specifications and double check work. Align your vehicle after installation.

**NOTE:** These instructions apply to all Ford Super Duty blocks. Larger blocks will have a taper that must be installed with smaller end towards the front of the vehicle.



Place vehicle on level ground. Lift and support by the frame.



Support the axle by the differential with jack.

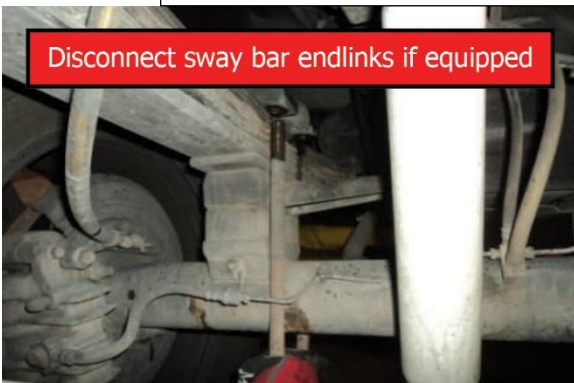


Remove the lower shock mount hardware.



Remove U-bolt nuts on top of spring pack.

Disconnect sway bar endlinks if equipped



Remove U-bolts from axle and carefully lower the axle.



Remove factory block and replace with new, taller block.



Make sure block pins are aligned properly in axle and leaf pack. Align u-bolts and tighten, perform the following steps on the opposite side. Lower vehicle to ground and torque u-bolts to factory specs. Double check all work and test drive vehicle. Have your vehicle aligned and enjoy.

Raise the axle and secure with new, longer U-bolts and hardware.

## **Final Checks & Adjustments**

**Post Installation Warnings:** Once the vehicle is lowered to the ground, check all parts which have rubber or urethane components to insure proper torque. Torque wheels to factory specs. Move vehicle backwards and forwards a short distance to allow suspension components to adjust. Turn the front wheels completely left then right and verify adequate tire, wheel, brake line, and ABS wire clearance. Test and inspect steering, brake and suspension components for tightness and proper operation. Inspect brake hoses and ABS lines for adequate slack at full extension. Failure to perform the post inspection checks may result in vehicle component damage and/or personal injury or death to driver and/or passengers. Test drive vehicle and re-check the torque of all fasteners and re-torque wheels on vehicle.

### **Wheel Alignment / Headlamp Adjustment:**

**It is necessary to have a proper and professional wheel alignment performed by a certified alignment technician. Align the vehicle to factory specifications. It is recommended that your vehicle alignment be checked after any off-road driving. In addition to your vehicle alignment, for your safety and others, it is necessary to check and adjust your vehicle headlamps for proper aim and alignment.**

### **Vehicle Re-Torque and Safety Inspection:**

Upon completion of all services and adjustments performed on your vehicle, and within 50 miles of driving, check to ensure all fasteners and hardware are properly torqued to specification as noted in the vehicle's factory service manual.