

# RUGGED OFF ROAD

## 5-5006

2004-17 Ford F150  
4WD 3" 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.



Raise vehicle securely by frame and support axle with jack..



Work on one side at a time to prevent driveline damage. Remove lower shock Bolt



View of 4WD rear axle and leaf spring, note factory block



Loosen and remove factory u-bolt hardware.



Remove u-bolt nuts and lower plate.



Lower axle enough to remove factory block.



Install lift block with centering pin toward axle.



Raise axle and ensure locating pins are properly aligned.



Slide new u-bolts over leaf pack and bumpstop bracket.



Attach lower mounting plate with provided hardware.



Snug hardware down, lower vehicle on ground and torque.

### **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.

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