

# RUGGED OFF ROAD

## 9-9004

1999-17 GM  
15003" Block

**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 GM blocks. Larger blocks will have a taper that must be installed with smaller end towards the front of the vehicle.



Raise and support vehicle by the frame.



Support the rear axle with a jack.



Remove lower shock bolt.



Remove U-bolt mounting hardware.



4WD models will have a factory block.



4WD Models; Remove factory block.



**1" Blocks:** Place new 1" block and take care that the pin is aligned with the hole in the block.



**Tapered Blocks:** Place block and take care that the pin is aligned with the hole in the block.



Tapered block with shorter end towards front of vehicle.



Reinstall lower plate.



Install new, longer, U-bolts and hardware.



Make sure the top of the U-bolt is aligned in channels on upper plate.

## **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.