

# RUGGED OFF ROAD

## 3-100

2007-17 Jeep JK (ALL)

**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.



<p>Securely raise vehicle off ground and remove (4)wheels</p>	<p>Support front axle and remove upper trac bar bolt.</p>	<p>Loosen (2) front transfer case skid plate bolts.</p>
<p>Disconnect dr./pass. lower front swaybar end links</p>	<p>Disconnect and remove front lower shock hardware.</p>	<p>Carefully lower front axle enough to remove front spring</p>
		<p>Reinstall upper spring isolator and then reverse disassembly.</p> <ol style="list-style-type: none"> <li>1. Reinstall coil and raise suspension.</li> <li>2. Reattach lower shock mount and tighten.</li> <li>3. Reconnect lower sway bar end links and trac bar bolt.</li> <li>4. Tighten transfer case skid plate bolts, reinstall wheels</li> </ol>
<p>Remove the upper spring isolator to expose mounting hole</p>	<p>Install Spring spacer and bolt through hole in spring mount with hardware provided.</p>	

## **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 brakes 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 vehicles factory service manual.