

RUGGED OFF ROAD

9-100

2007-17 Chevy/GM
1500 6 Lug 2/4WD

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 and support front of vehicle frame on jack stands



Remove front wheels/tires



Disconnect ABS/brake bracket from upper control arm.



Disconnect dr/pass sway bar end links



Remove lower strut mounting bolts



Loosen upper strut mount bolts



Loosen upper ball joint nut and leave attached.



Carefully strike spindle as shown to separate ball joint.

Lower suspension slightly to make room for the new leveling spacer. **Remove the factory clips on cross bar at the bottom of the strut and insert bolt from the top down, opposite of the factory bolt direction.** You will use new nuts and washers provided to secure the bolt from beneath the control arm.



Image: Spacer installed



Lift suspension slightly while prying down to attach ball joint.



Tighten upper ball joint to spec.



Reinstall wheels/tires and torque to spec. Recheck all work performed, test drive and have vehicle aligned.

Reattach ABS/brake line bracket and sway bar end links

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 or the torque chart included.