



2007-2023 GMC/CHEVROLET SILVERADO 1500/SIERRA 1500/AVALANCHE/SUV 2WD/4WD 2 IN  
PART #50209-GM

**PARTS LIST**

**QTY**

STRUT EXTENSIONS	2
HARDWARE BAG	1

PLEASE DOUBLE CHECK THE PARTS LIST BEFORE BEGINNING INSTALLATION, TO ENSURE ALL PARTS ARE PRESENT, IF THERE IS SOMETHING MISSING, PLEASE CONTACT BODY ARMOR 4X4 IMMEDIATELY (866) 894-3351 USA AND (877)326-0933 CANADA

READ THE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING THE INSTALLATION.

**PRIOR TO INSTALLATION:**

1. Factory service manual is recommended to have on hand.
2. Secure and properly block vehicle prior to beginning installation
3. Always wear safety glasses when using power tools or working under the vehicle
4. Modifications to any part will void the warranty associated with that product.

After removing parts from vehicle, save hardware for reinstallation

**IT IS RECOMMENDED THAT YOU HAVE YOUR VEHICLE'S ALIGNMENT CHECKED WHENEVER INSTALLING NEW SUSPENSION. IT IS ALSO RECOMMENDED THAT YOU ADJUST YOUR HEADLIGHTS WHENEVER YOUR VEHICLE'S RIDE HEIGHT IS ALTERED.**

## STRUT EXTENDER INSTALLATION GUIDE

Step 1: Position your vehicle on a smooth, flat, hard surface & block the rear tires. Set the emergency brake. Measure & record the distance from the center of each wheel to the top of its fender opening.

Step 2: Jack up the vehicle & place jack stands under frame to allow the suspension to hang at FULL droop. Starting on the driver's side, remove the wheel.

Step 3: On models with electric power steering, remove the bolts holding the factory skid plate. Un-plug the three connectors going to the electric power steering. ep 4: Loosen the upper strut bolts. It is not necessary to remove nuts.

Step 5: Loosen upper ball joint nut. Using a hammer hit the knuckle as shown to allow the ball joint to separate from the knuckle. Remove upper ball joint nut. **NOTE:** Do not allow the knuckle to pull out far enough that it pulls the shaft out of the differential.

Step 6: Remove the nut from the steering linkage. Using a hammer hit on the front of the knuckle where the steering linkage is connected and remove from knuckle.

Step 7: Remove the sway bar nut and bushings.

Step 8: Remove the bolts from the bottom strut mount.

Step 9: Remove the bolt clips from the bottom of the strut using a flat screw driver.

Step 10: Place the strut extension under the lower strut mount and align holes.

Step 11: Install the provided bolts, washers and nuts from the kit. **NOTE:** Bolt head now sits on top of the lower strut pin. Torque to 30/35 ft/lbs **Caution:** Do not over-tighten the bolts.

Step 13: Tighten the upper strut nuts, torque to factory specs.

Step 14: Raise the lower control arm to re-connect the upper ball to the spindle. Torque to manufacturer specs. If ball joint turns while tightening, use a allen wrench to hold the ball joint.

Step 15: Reinstall the steering linkage nut. If ball joint turns while tightening, use a wrench to hold the bottom of the tie rod.

REPEAT STEPS 1-15 ON PASSENGER SIDE OF THE VEHICLE

Step 16: Reinstall sway bar bushings and nut using factory hardware. Torque to factory specs.

Step 17: Plug the three connectors back into the electric power steering and re-install the factory skid plate.