



INSTALLATION INSTRUCTIONS

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6652

REAR SHOCK EXTENSIONS

1988-1998 GM C1500

1990-2000 GM C2500

1988-2000 GM C3500

1995-1999 GM Tahoe / Yukon

1992-1994 GM Suburban

CONGRATULATIONS!

You were selective enough to choose a BELLTECH PRODUCT. We have spent many hours developing our line of products so that you will receive maximum performance with minimum difficulty during installation

Note: Confirm that all of the hardware listed in the parts list is in the kit. **DO NOT** begin this installation if any part is missing. Read the instructions thoroughly before beginning this installation.

Warning: **DO NOT** work under a vehicle supported by only a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

Warning: **DO NOT** drive the vehicle until all work has been completed and checked. Torque all hardware to values specified.

Reminder: Proper use of safety equipment and eye/face/hand protection is absolutely necessary when using these tools to perform procedures!

Note: It is very helpful to have an assistant available during the installation process.

Note: We **DO NOT RECOMMEND** using wheel ramps while performing this installation.

RECOMMENDED TOOLS:

- Blocks and Wheel chocks
- Ratcheting Socket Wrench
- Safety Glasses
- Properly rated floor jacks and support stands
- Combination Wrench

KIT INSTALLATION

1. JACKING, SUPPORTING, AND PREPARING THE VEHICLE

- Block the front wheels of the vehicle with appropriate wheel chocks. Make sure the vehicle's transmission is in "Park" (automatic) or 1st gear (manual). Activate the parking brake.
- Using a properly rated floor jack lift the rear of the vehicle off the ground. Lift the vehicle so that the rear tires are approximately 6-8 inches off the ground surface.
- Support the vehicle using two (2) support stands, rated for the vehicle's weight. The stands should be positioned, one on each of the frame rails. Prior to lowering the vehicle onto the stands. Make sure the supports will securely contact the straight flat portions of the frame rails.
- It is very important that the vehicle is properly supported during this installation to prevent framed damage and personal injury! Make sure that the support stands are properly placed prior to performing the following procedures.

- E. Slowly lower the vehicle onto the stands and, before placing the vehicle's weight on them, again check that they properly and securely contact the frame rails as described on the previous page. Check for possible interference with any lines, wires, or cables.

IMPORTANT NOTE:

The following Steps 2A-2I are for the Chevrolet C-1500 Shock Extension installation.

The following Steps

2. SHOCK EXTENSION INSTALL (LEFT-HAND) (DRIVER'S SIDE) (C-1500)

- A. Working from the driver's side of the rear axle, unbolt the bottom of the rear shock absorber. Remove the hardware completely. Keep the factory hardware for use during re-assembly (Photo 1)
- B. Place the shock extension bracket over the driver's side shock mount (Photo 2), with the legs facing towards the back of the vehicle. Insert the new side hardware into the existing holes (Photo 3). Finger-tight the hardware only. DO NOT tighten.
- C. To keep the bracket from pivoting during normal vehicle operation, additional holes on the bracket have been located. On this particular bracket for the C-1500, the two side holes are to be used.
- D. Pushing the legs of the bracket downward, manually keep it in this position and tighten the mounting hardware. Once tighten (locked down), transfer the two side holes from the bracket to the side shock mounts. You can either do this two ways. Using a transfer punch and hammer, transfer a mark through the bracket mounting hole to the side shock mount, or using an 1/8" pilot drill, drill through the center of the bracket hole through the side shock mount.
- E. Un-bolt the bracket and remove. Drill out the two side holes using a 11/32 drill bit for clearance (Photo 4).
- F. Re-mount the bracket and install the two main mounting hardware. Finger-tight only at this point. Install the two main mounting hardware (9/16"). Install the two side hardware (5/16") and finger-tight.
- G. Using a 3/4 wrench or a ratchet with a 3/4 socket head, tighten the main mounting hardware (Photo 5).
- H. Using a 1/2 wrench or a ratchet with a 1/2 socket head, tighten the side mounting hardware (Photo 6).
- I. Re-mount the bottom of the shock into the new shock extension. Re-mount the mounting and tighten (Photo 1).

3. SHOCK EXTENSION INSTALL (RIGHT-HAND) (PASSENGER'S SIDE)

- A. Repeat STEPS 2A through 2I

4. SHOCK EXTENSION INSTALL (LEFT-HAND) (DRIVER'S SIDE) (C-10)

- A.** Working from the driver's side of the rear axle, un-bolt the bottom of the rear shock absorber. Remove the hardware completely. Keep the factory hardware for use during re-assembly (Photo 7)
- B.** Place the shock extension bracket over the driver's side shock mount (Photo 8), with the legs facing towards the front of the vehicle. Insert the new side hardware into the existing holes. Finger-tight the hardware only. DO NOT tighten.
- C.** To keep the bracket from pivoting during normal vehicle operation, a slotted hole on the bracket has been located. On this particular bracket for the C-10, the single slotted hole is to be used. It matches up to an existing hole on the side shock mount.
- D.** Pushing the legs of the bracket upward, manually keep it in this position and mount the hardware at the slotted hole. Using a 1/2 wrench or a ratchet with a 1/2 socket head, tighten the mounting hardware (Photo 9).
- G.** Using a 3/4 wrench or a ratchet with a 3/4 socket head, tighten the main mounting hardware (Photo 10).
- H.** Insert the existing mounting hardware to mount the bottom of the shock (Photo 11).
- I.** Re-tighten the mounting hardware and torque to the manufacturer's specs (Photo 12).

3. SHOCK EXTENSION INSTALL (RIGHT-HAND) (PASSENGER'S SIDE)

- A.** Repeat STEPS 4A through 4I

NOTATION:

We recommend installing the appropriate Belltech Nitro-Drop® or Nitro-Active® rear shock absorbers using the original hardware. See the current Belltech Application Guide or contact your nearest Belltech Dealer for the appropriate part numbers for your application.

4. FINALIZING THE INSTALLATION

- A. Check that all components and fasteners have been properly installed, tight end and torqued.
- B. Lift the vehicle and remove the support stands. Carefully lower the vehicle to the ground.
- C. Check the brake hoses, cables and other components for any possible interference.
- D. Immediately test drive the vehicle in a remote location so that you can become accustomed to the revised driving characteristics and handling. Be aware that the vehicle will handle substantially different now that it has been lowered.
- E. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

PARTS LIST FOR C-1500 REAR SHOCK EXTENSION KIT

110660	WASHER	8
112202	1/2-13 x 1-1/4 BOLT	4
112322	1/2-13 NUT	4
110201	5/16-18 x 1	2
110204	5/16 WASHER	4
110203	5/16-18 NUT	2
6550-050	SHOCK EXTENSION	2

PHOTOS FOR THE CHEVROLET C-1500



PHOTO 1



DRILLING SIDE HOLE CLEARANCE

PHOTO 4

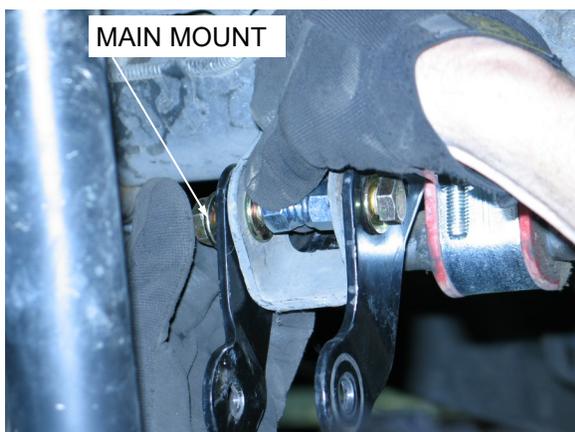


MAIN MOUNT

PHOTO 2



PHOTO 5



MAIN MOUNT

PHOTO 3



PHOTO 6

PHOTOS FOR THE CHEVROLET C-10



PHOTO 7



PHOTO 10

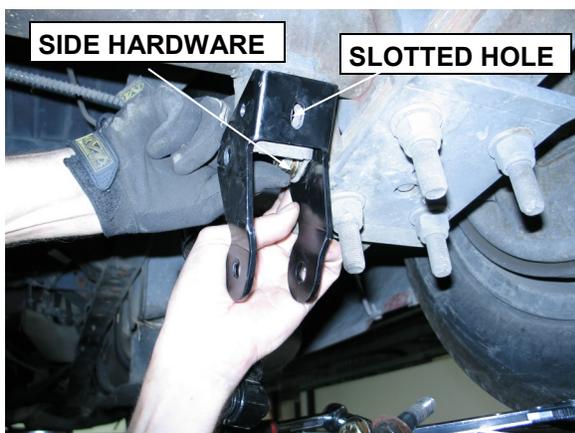


PHOTO 8



PHOTO 11



PHOTO 9

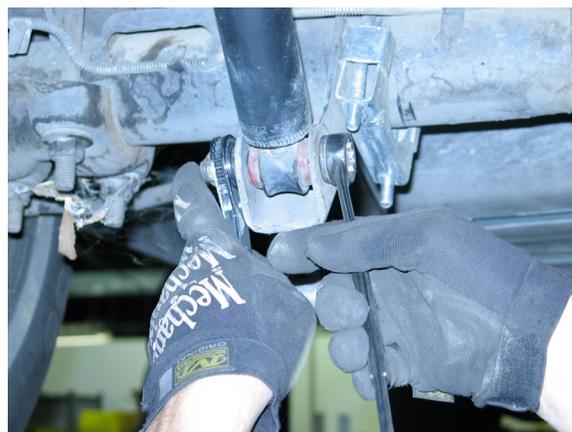


PHOTO 12