

SUSPENSION MAXX

ADVANCED LEVELING SYSTEMS

Part # SMX-3551509 1.5" Shock Extender 2009-2010 w/ Forward Facing Rear Shock
Part # SMX-35520 2.0" Shock Extender 2004-2008

Thank you for choosing SuspensionMAXX for your vehicle. Until now, Canyon or Colorado owners resorted to buying longer shocks when installing lift shackles on their truck. The shoX-Xtender allows you to keep your stock length shocks and prevents overextending the shocks during suspension travel. SuspensionMaxx kits are designed to be easily installed and completely reversible to the factory settings.

Tools and experience are required to complete the installation properly. These parts should only be installed by a qualified technician, otherwise and unsafe vehicle and/or personal injury may result. Consult the proper GM service manual or equivalent for torque specifications and procedures. Instructions are supplied for the installation of this kit only.

Note: Safety is most important. Always exercise safe working habits.

Tools required for installation:

1. Wheel chocks
2. Breaker bar, ratchet, and extensions
3. 13mm socket
4. 21mm socket
5. 21mm wrench
6. 1/2" and 9/16" sockets
7. 1/2" and 9/16" wrenches
8. Drill
9. 5/16" and 3/8" drill bits
10. Hammer
11. Center punch
12. Vise grips
13. Torque wrench
14. Vise
15. Anti-seize

Torque Specs

Lower shock bolt/nut = 63 ft lbs
 3/8" bolts/nuts = 37 ft lbs.
 5/16" bolts/nuts = 22 ft lbs.



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Attitude!**
Retain your factory ride



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Installation Procedure

1. Apply the parking brake and chock the wheels.
2. Starting on one side, remove the lower shock bolt and nut.

CAUTION: The shock could fall, causing personal injury or damage to equipment.

3. Remove the upper mounting bolts while supporting the shock to keep it from falling.
4. Remove the shock and clamp the t-bar in a vise so one side is exposed.
5. Enlarge the hole with a 3/8" drill bit. **See Fig. 1**
6. Loosen the vise, rotate the shock 180 degrees, and enlarge the other t-bar hole.

7. Apply a light film of anti-seize around the inside of each hole.
8. Remove the factory 'U' Clip nuts from the upper shock mount.
9. Enlarge the holes in the upper mount with the 3/8" drill bit. **See Fig. 2**
10. Apply a light film of anti-seize around the inside of each hole.

11. Mount the 'Y' brace and extender block to the upper mount using the bolts and washers supplied in the kit and the plain nuts.

Note: The small diameter washer goes against the head of the bolt; the large thick washer goes on top of the shock mount.

12. Tighten the bolts/nuts, securing the brace/extender.
13. Clamp the single leg of the brace to the lip of the upper mount with a pair of vice grips. **See Fig. 3**

14. Carefully mark the brace with a center punch.

Note: You will drill through the brace and lip.

15. Drill a 5/16" hole through the brace and lip of the mount. **See Fig. 3**
16. Remove the vice grips and apply a light film of anti-seize around the inside of each hole.

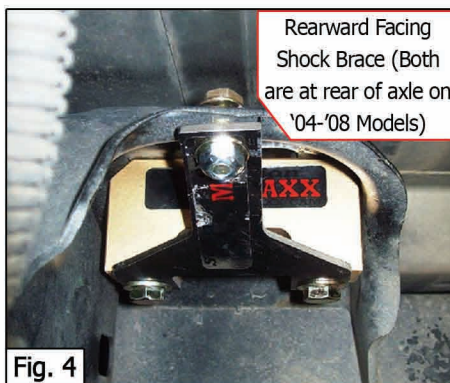
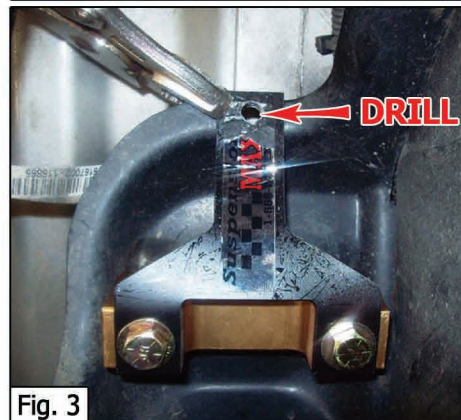
17. Install the supplied 5/16" bolt, washers, and locknut. Lightly snug but do not completely tighten yet. **See Fig. 4 & 5**

18. Remove the hardware holding the brace and extender to the mount.
19. Place the shock against the brace and reinstall the hardware, using the supplied locknuts. Do not tighten.

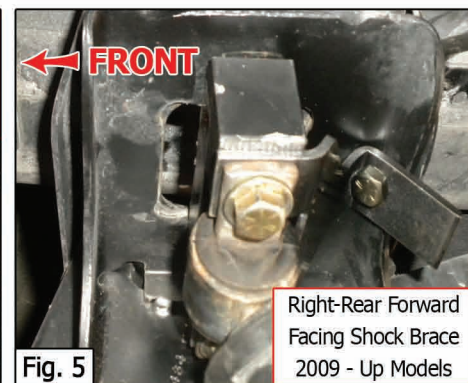
20. Install the lower shock bolt and nut. Torque to the specs listed on Page 1.

21. Tighten the three bolts/nuts on the upper mount. Torque to the specs listed on front of page.

22. Repeat above steps to install the brace and extender on the opposite side.



Rearward Facing Shock Brace (Both are at rear of axle on '04-'08 Models)



Right-Rear Forward Facing Shock Brace 2009 - Up Models

