

# SuspensionMAXX 2007 ½ full-size GM 4X4 Front Leveling kit

Part # SMX-GM07 K1500 ½ Ton Thank You for choosing SuspensionMAXX for your vehicle.

This kit is designed to add suspension travel and increase front ground clearance.

Specially designed tools and experience are required to complete the installation properly. These parts should only be installed by a Qualified Mechanic otherwise an unsafe vehicle and/ or personal injury may result. Consult manufactures service manual for proper torque specifications and procedures.

Instructions are supplied for the leveling kit installation only.

Safety is most important. Use safe working habits.

SuspensionMaxx kits are designed to be easily installed and completely reversible to the factory supplied settings.

These instructions are supplied for ease of installation correct procedures and safety is most important. Automotive Experience Recommended.

Tools required for installation:

SAFETY EQUIPMENT! Eye Protection, Gloves

1. Load rated floor jack 2 safety stands and wheel chocks
2. Metric tool set, torque wrench, Loctite threadlocker for all suspension fasteners
3. Medium size pry bar, Brass hammer and or brass punch
4. Strut spring compressor **REQUIRED FOR 2" INCH INCREASE** (this can be Subletted to a qualified part store or automotive repair facility )

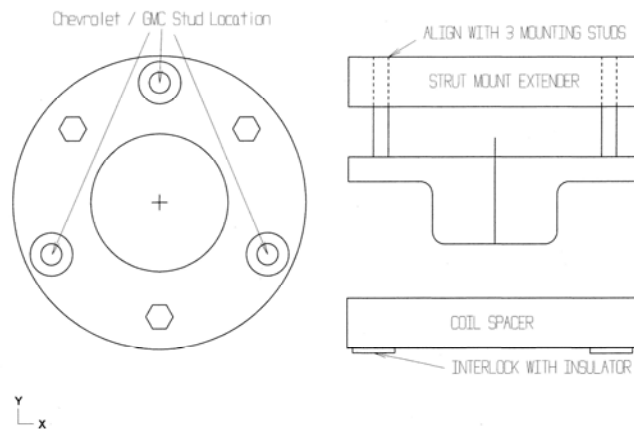
## DISASSEMBLY PROCEDURE

1. Place vehicle on solid level surface set parking brake block rear wheels
2. Disconnect battery
3. Jack vehicle under frame and secure with load rated truck jack stands
4. Mark wheel lug location, Remove front wheels
5. Remove 2 lower strut mounting bolts
6. Pry strut inward at bottom off lower control arm ( use caution not to DAMAGE CV drive boot)
7. Lift wire retainer from strut stud
8. Loosen 3 upper strut mounting nuts
9. Use CAUTION when removing upper strut mounting nuts. **STRUT MAY FALL AND DAMAGE Steering and CV axle boots if not supported!** Gently lower strut assembly and guide it up and out between upper A arm.

Continue Disassembly for 2.0 in or Reassemble see step 13

10. **MARK ALIGNMENT OF STRUT TOP AND LOWER MOUNT FOR FUTURE REFERENCE** ( strut top has offset stud placement )
11. Compress strut coil spring with suitable strut compressor tools CAUTION DANGER SPRING UNDER EXTREEM PRESSURE REMOVAL OF TOP NUT PRIOR TO COMPRESSING SPRING CAN CAUSE SEVERE INJURY. **ONLY AFTER SAFELY COMPRESSING SPRING SHOULD THE CENTER STRUT NUT BE REMOVED !**
12. Disassemble top strut insert COIL SPACER between nylon insulator & strut mount. (NOTICE! ALIGN 3 INTERLOCKING POINTS WITH COIL INSULATOR)

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NOTICE! THIS IS A DUAL RANGE LEVELING KIT. STRUT MOUNT EXTENDER WILL INCREASE RIDE HEIGHT 1.50 INCHES ( NO SPRING COMPRESSOR NEEDED)  
COIL SPACER WILL ADD .75 INCHES (STRUT SPRING COMPRESSOR REQUIRED ! )  
INSTALLING COMPLETE KIT WILL ADD 2.25 INCHES OF RIDE HEIGHT

