



INSTALLATION INSTRUCTIONS

PART#: SMX-2115

FITS: 2021 + GM SUV with Standard & MagRide

Thank you for choosing SuspensionMaxx for your vehicle. This kit is designed to add suspension travel and increase front and 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 injury may result. Consult manufactures service manual for proper torque specifications and procedures. Instructions are supplied for the leveling kit installation only. Safety is important. Use safe working habits.

WARNING!

This suspension system will enhance off road performance and increase ground clearance. Larger tires will increase vehicle roll center height. The vehicle will handle and respond to driver steering and braking differently from a stock factory equipped passenger car or truck. Extreme care must be used to prevent loss of control or vehicle rollover during abrupt maneuvers both on and off-road. Failure to operate this vehicle safely can result in vehicle damage, serious injury or death to the driver and passengers. Always wear your seat belt and reduce your speed, avoid sharp turns, inclines and abrupt maneuvers. Tread lightly, respect nature and enjoy the Off-Road Experience! Help keep it available for future generations.

Thank You!
SuspensionMAXX Inc.



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. Automotive experience recommended.

REQUIRED TOOLS

- Load-rated floor jack
- Safety stands x2
- Wheel Chocks
- Metric tool set
- Torque Wrench
- Loctite threadlocker for all fasteners

Again, Thank you for your purchase! Enjoy your SuspensionMAXX leveling system!

Questions? E-mail us at tech@suspensionmaxx.com or call 1.888.629.9226

SECTION 1: *Removal*

1. Jack and support from load rated jack stand relax fully by supporting the frame)
2. Installation will be performed on both left and right sides together.
3. Disconnect Knuckle bolt
4. Remove 3 upper strut mounting nuts





5. Remove brake line bolt from lower control arm
6. Remove lower strut mounting bolt



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LIFT OPTION HEIGHT CHART

INCLUDED PARTS	LIFT INCHES	PARTS NEEDED
 STRUT MOUNT EXTENDER	1.5"	

1.75" Lift Options

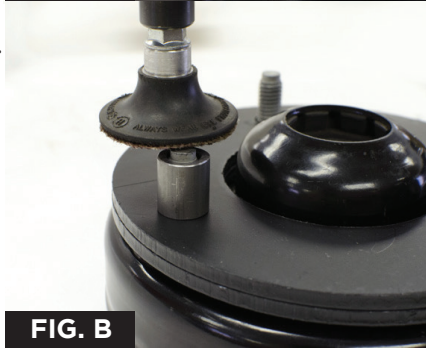
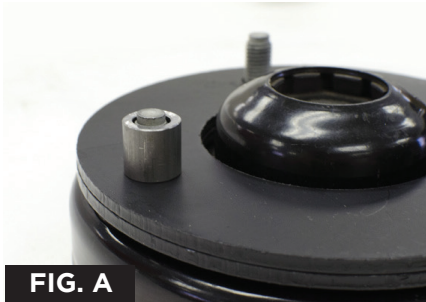
*Spacer Thickness is not directly proportional to lift height. Spacer thickness is less than overall lift amount height.

- FIG. A & FIG. B**

Place trim guide tube over studs to gauge cut height. Trim all three studs flush with top of gauge.

FIG. A & FIG. B
- Install coupling nuts onto existing strut studs that have been trimmed.

FIG. C
- Tighten coupling nuts with 3/4" wrench 10 ft/lbs



- Use thread locker on provided studs and install them into coupling nuts.
- Install strut back into vehicle with 3 supplied spin lock nuts, leave them hand tight until lower strut bolts are installed.



FIG. D



FIG. E

Repeat steps 1-6 and preform vehicle wheel alignment.