



## INSTALLATION INSTRUCTIONS

**PART#: SMX-171910/171915/171920**

**FITS: RAM 2019 1500 w/ Rear Coils**  
(Excludes models equipped with airbags)

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.



## INSTRUCTIONS

*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

### REMOVAL PROCEDURE

1. Raise and support the vehicle on both sides allowing wheels to hang free off ground with load-rated jack stand.
2. Lightly support rear axle with floor jack.
3. Remove the shock absorber lower mounting bolts  
NOTE: DO NOT lower the rear axle so that the ABS and brake hoses are over-extended.
4. Lower the rear axle (Sway bar links may need to be removed).  
NOTE: Use care when handling the coil springs in order to avoid chipping or scratching the coating. Damage to the coating will result in premature failure of the coil springs.
5. Lift and remove the rear coil springs off axle pad.

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

**Questions? E-mail us at [tech@suspensionmaxx.com](mailto:tech@suspensionmaxx.com) or call 1.888.629.9226**

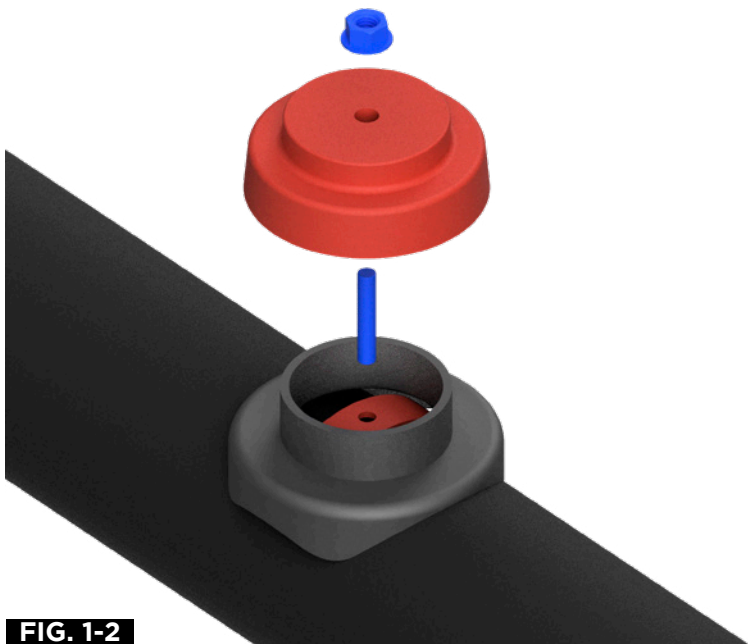
## INSTALLATION

1. Slide Curved brace through opening between axle tube and coil pad. SEE **FIG. 1-1**

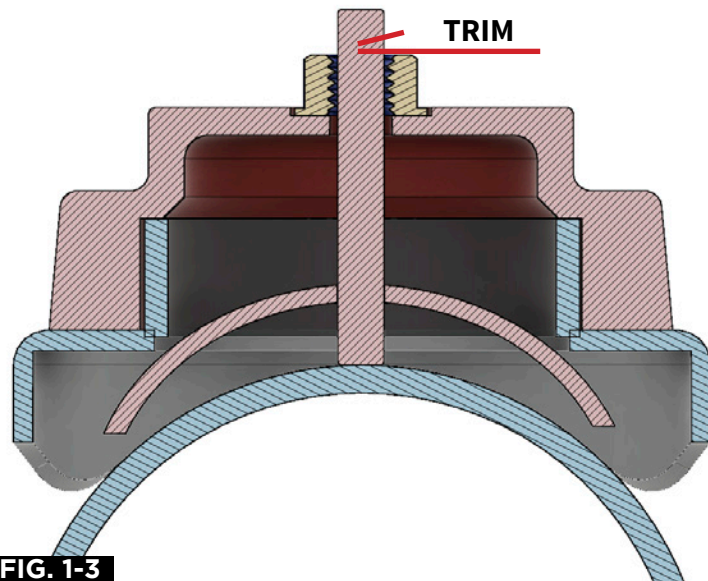


**FIG. 1-1**

2. Once in place, centered in the opening of the coil pad, thread the included stud through the tapped hole on the curved brace  
**NOTE: Fully thread through the curved brace to prevent it from disconnecting during installation.**
3. Install MAXXStak rear spacer over the axle's coil pad. Threaded stud should stick out through center opening of the spacer. SEE **FIG. 1-2**
4. Install nut and tighten to 10lbs/ft (MAX 15lbs/ft)
5. Trim excess stud above nut to allow easier installation of the coil spring. SEE **FIG. 1-3**



**FIG. 1-2**



**FIG. 1-3**

6. Reinstall all axle components in reverse order to the removal process.

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