



INSTALLATION INSTRUCTIONS

PART#: SMX-TC5

FITS: Toyota

•2005-2015 Tacoma

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
- Medium pry bar
- Draft drift punch set
- Hacksaw
- Metal file
- 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:

1. Place vehicle on solid level surface, set parking brake block rear wheels.
2. Jack vehicles under frame and secure with load rated jack stands.
3. Mark wheel lug location. Remove front wheels.
4. Remove both lower strut mounting thru bolts. See **FIG 1-1**
5. Pry strut inward at bottom, off of the lower control arm.
6. Lift wire retainer from strut stud if equipped.
7. Loosen 3 upper strut mounting nuts. See **FIG 1-2**. **DO NOT REMOVE CENTER UPPER STRUT NUT**



FIG. 1-1

8. Use CAUTION when removing upper strut mounting nuts.

NOTICE: 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.

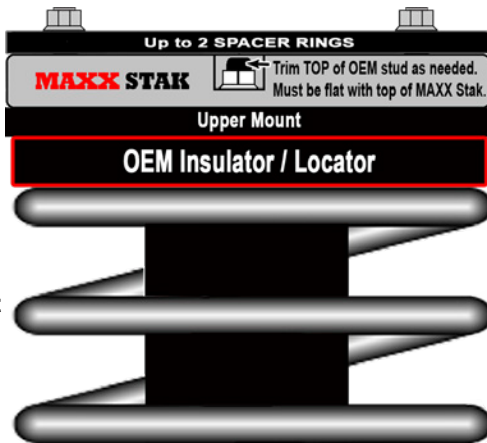


FIG. 1-2

9. Mark alignment of strut top and lower mount for future reference. (Strut top has offset stud placement)
10. Choose lift amount by adding black spacer shims to kit as needed.

2.0" = MAXXStak
2.25" = MAXXStak +1 SHIM
2.25" = MAXXStak +2 SHIMS

11. Place MAXXStak Advanced Leveling Kit spacer on upper strut mount over mounting studs. Tighten nuts to **18ft/lbs.** Mark original stud length and trim as need (**Must be flat with MAXXStak**)



12. Reinstall strut in vehicle aligning studs with top frame mount. Start top nuts supplied with kit. Rotate strut as needed to align with frame mount.
13. Align lower strut on top of the lower A-arm, disconnecting the upper ball joint may aid in reassembly. Support the Lower Arm with a floor jack. Use caution not to over extend the CV boots (Extra force using a pry bar may be needed to get the strut up and positioned on the A-arm due to the extended strut length) align mounting holes and tighten lower bolts. 45ft/lbs
14. Tighten upper strut nuts. 25ft/lbs

SECTION 2:

1. Support the front differential with a floor jack.
2. Remove skid plate.
3. Identify the location of the differential support arm in relation to the the skid plate rail. Mark a vertical line on the skid plate rail directly beneath where the end of the differential support arm is located.

(in most cases the lip of the skid plate rail overlaps the area beneath the differential support arm. When adding the spacer the two parts have the posibility to make contact. Modification of the Skid plate rail is needed to correct this.) Trimming the support cross member edge 3.25" is recommended.

See **FIG 2-1**

4. Reinstall Skid plate with included spacer and extended 8mm bolt, Torque bolt to factory spec. The end result should match **FIG 2-3**



FIG. 2-1

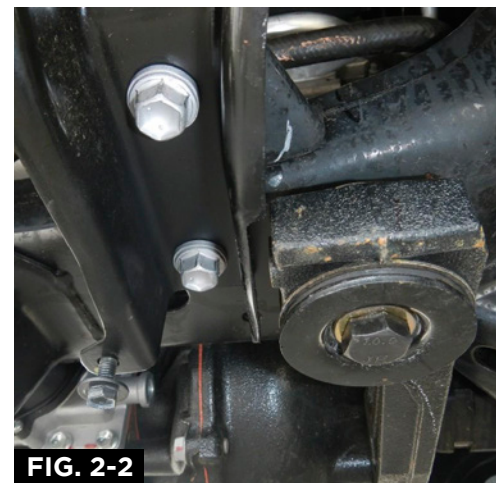


FIG. 2-2



FIG. 2-3

WHEEL ALIGNMENT SPECS W/ LEVELING KIT

CAMBER	0.5Deg. +/- 0.5Deg.
CASTER	2.0Deg. +/- 1.0Deg.
<i>(LEFT TO RIGHT MUST BE EQUAL +/- 0.25Deg.)</i>	
TOTAL TOE	1/8in. +/- 1/8in.

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