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INSTALLATION INSTRUCTION

Part # RAV-ROCKSLIDERS

Notice to Dealer / Consumer

Important! Read all instructions before attempting any work on the vehicle.

Disclaimer Notice: Installing this suspension system on any vehicle implies that you are in agreement with the following term and conditions with respect to that vehicle, the vehicle owner, and any or all occupants of said vehicle at any time:

- Torq Engineering is not responsible, and cannot be held responsible for any conditions of said vehicle including, but not limited to the following: 1) Any and all adverse behavior, premature failure, or breakage caused by oversized tires and wheels, improper installation, failure to follow instructions, or any general negligence caused by installer or owner of said vehicle. 2) Any breakage or premature failure caused by racing or driver negligence. 3) Any incident determined to be caused by an increase height in said vehicle's center of gravity. 4) Any incident determined to be caused by improper installation. 5) Any incident determined to be caused by a failure of materials.
- Torq Engineering is to be held harmless by the installer of this suspension component, owner of said vehicle, and any parties related directly or indirectly to said vehicle or owner of said vehicle. Torq Engineering is to be held harmless by all parties mentioned during the course of any and all circumstances or incidence resulting from the installation of this suspension component.
- It is not the intention of Torq Engineering that said vehicle be modified for use on public highways sanctioned by the Department of Transportation, or any state or local governing body. Vehicle owner accepts sole responsibility for ensuring that said vehicle is not in violation of local, state, or federal laws or vehicle code. Please check local vehicle laws and regulations before modifying your vehicle.

By installing this kit or having this kit installed on your vehicle, you are implying that you agree to the above terms and conditions. Please do not install this system if you do not agree.

WARNING:

Vehicle modified for Off-road use may handle differently and vehicle may roll-over.

Vehicles modified for off-road are generally not designed to improve cornering or maneuverability on the highway, therefore it is imperative to familiarize yourself and all operators of the vehicle of the special driving characteristics of the vehicle. Failure to operate vehicle in a safe and conservative manner may cause you, your passengers and third parties to suffer serious injury or even death if control is lost and vehicle overturns.

Always wear your seatbelt and shoulder harness. Seatbelts not only help to protect occupants from injury but also keep the driver behind the wheel and in control when operating in rough terrain. Always remain on trails and observe conservation techniques while operating your vehicle.

2019+ TOYOTA RAV4 ROCK SLIDERS

Bill of Materials

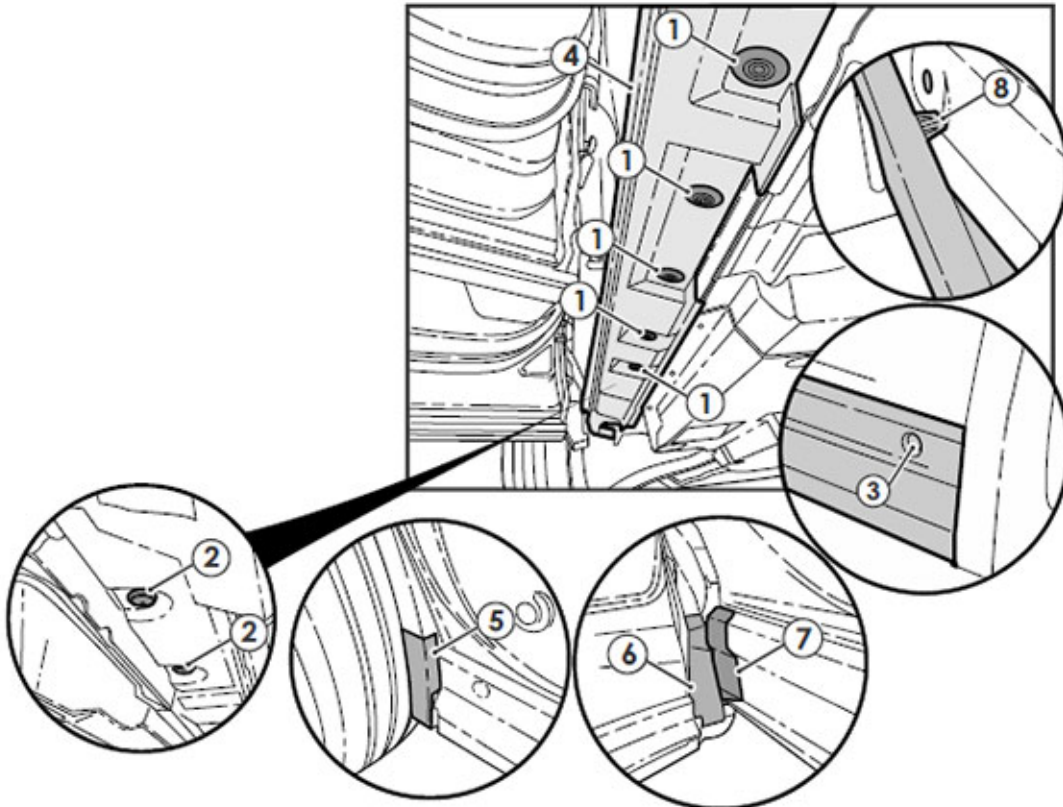
2	ROCK SLIDERS
16	M10 ANCHOR BOLTS
16	M10 WASHERS
16	M10 FLANGE NUTS
8	BOLT RETAINER CLIP

INSTALLATION NOTES:

- Inspect the contents of the kit and read the entire instructions before proceeding.
- We recommend this installation be performed by a qualified technician
- Torque all hardware to factory specifications
- We recommend using red Loctite on all bolts

Front Still Panel Removal

1. Remove and retain 2 x screw from the side of the plastic still on the front and back.

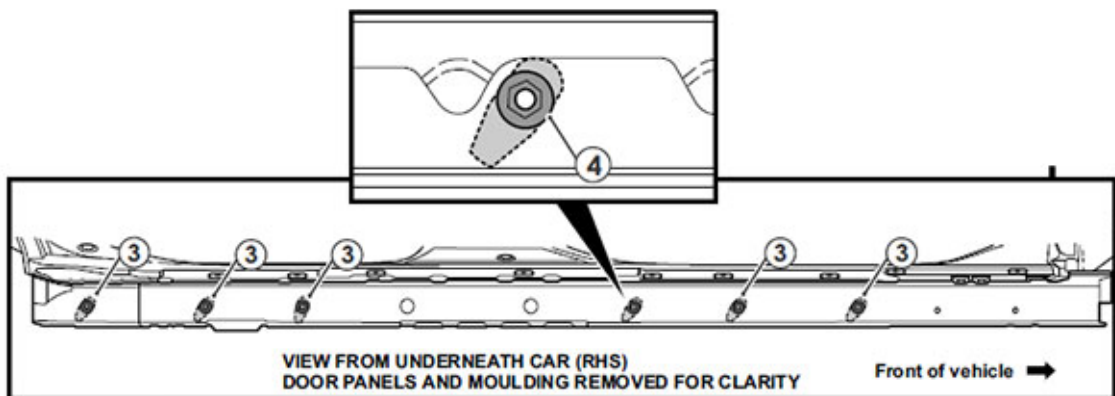


2. Remove the 8 x plugs (1) on the bottom of the still molding, 2 x clips (2) and 2 x screws (4) from the still moulding.

3. Push Still Moulding towards the front of the vehicle to release from the rear wheel arch moulding, then pull the still moulding rearward and clear of the vehicle.
4. Once the Sill Moulding is removed, align the rock slider with the plastic panel and mark the placement of the rock slider gussets on the plastic panel. The gussets have a weld in rectangle on the top edge. See picture. We will trim this later in the installation.



5. Install the anchor bolts into still section of the vehicle. Insert the long side through the hole first followed by short side. Rotate bolt to orientation shown below (3) . Orientation of 3rd bolt from front is critical for correct side step fitment. (4)



6. Pull down so mating surfaces of anchor plate and sill are flush



7. Install Bolt retainer clip on the threads of the anchor bolt near the top of the bolt with the end facing outwards of the vehicle. (This clip helps prevent the anchor bolt from being pushed in all the way.)



8. Use a floor jack and place the rock slider in the middle of jack.



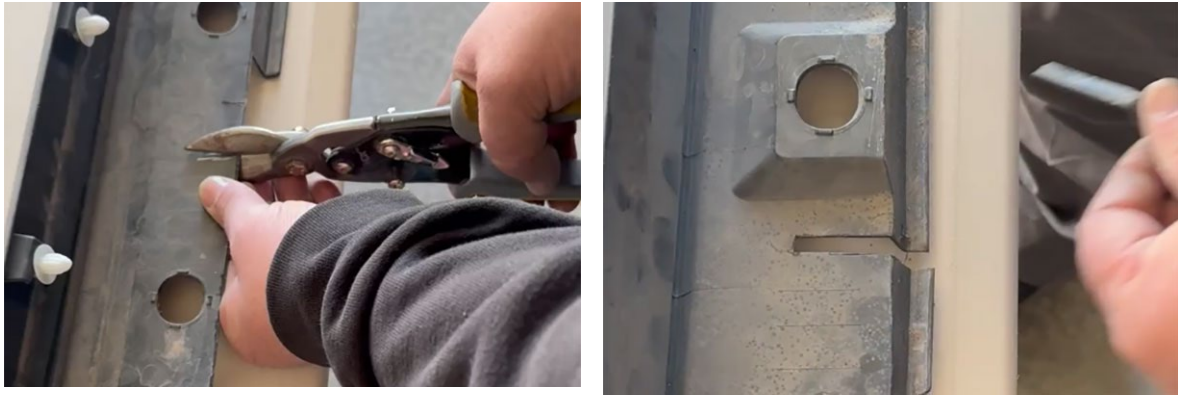
9. Slowly raise the floor jack and align the bolts with the opening holes. Use the retainer clips to help move the bolts around. (use caution when installing to not push the anchor bolts in. – otherwise you will need to use a magnet and lots of patience to remove the anchor bolt lost in the sill.)



10. Once all the bolts are lined up, loosely install the M10 Flange nuts & washers.



11. Once all the nuts are installed you can start tightening the M10 bolts. Remove the retainer clip before you completely tighten. You will reuse the retainer clips for the other side.
12. Align the rock sliders against the inside pinch weld and start to tighten. Check for any interference with the plastic door panels. Tighten to 45 ft/lbs.
13. Trim the plastic sill panels using the marks you made in the previous step. Slits should be about 3/8" of an inch wide to clear the rock slider gussets.



14. Reinstall the plastic sill using the plastic clips and 2x screws.