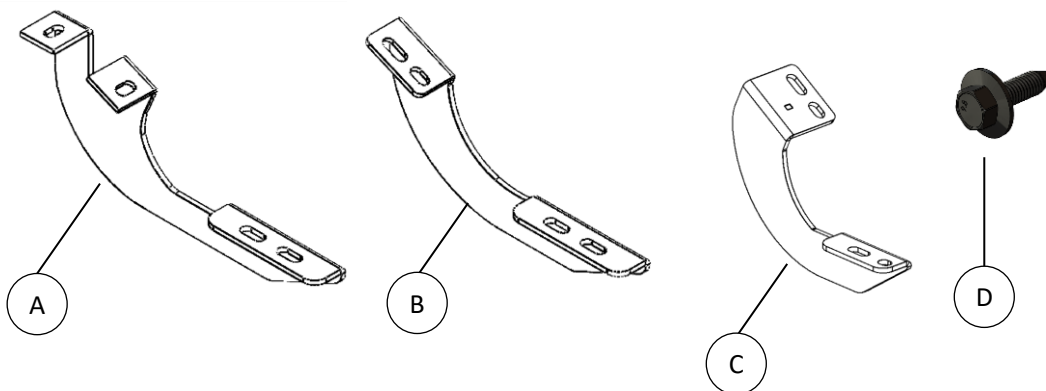


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2025- Current Toyota 4Runner

Component List:

PARTS LIST			
ITEM	QTY	QTY	DESCRIPTION
A	1	PAIR	FRONT BRACKET
B	1	PAIR	CENTER BRACKET
C	1	PC	REAR BRACKET
D	12	PC	M8 SEMS BOLT



TOOLS NEEDED FOR INSTALLATION:

13MM Socket or
13mm wrench
Ratchet & Ratchet Extension

ESTIMATED TIME FOR INSTALLATION:

30 min

Hardware Torque Specifications & Installer Responsibility

The following chart provides general torque specifications and wrench sizes for commonly used SAE and Metric fasteners found in automotive accessory installations. These values serve as guidelines based on standard Grade 5 / Grade 8 (SAE) and Class 8.8 / 10.9 (Metric) hardware.

IMPORTANT:

It is the **installer's responsibility** to ensure all fasteners are tightened to the appropriate torque. **Failure to torque hardware correctly can lead to part failure, vehicle damage, or personal injury.** Always verify torque requirements in the vehicle's factory service manual when available.

Bolt Size	Torque Grade 8 / 10.9	Wrench/Socket Size (in/mm)
1/4"-20	9 ft-lbs (12 Nm)	7/16"
5/16"-18	18 ft-lbs (24 Nm)	1/2"
3/8"-16	33 ft-lbs (45 Nm)	9/16"
7/16"-14	59 ft-lbs (80 Nm)	5/8"
1/2"-13	90 ft-lbs (122 Nm)	3/4"
M6 x 1.0	9 ft-lbs (12 Nm)	10 mm
M8 x 1.25	23 ft-lbs (31 Nm)	13 mm
M10 x 1.5	47 ft-lbs (64 Nm)	17 mm
M12 x 1.75	84 ft-lbs (114 Nm)	19 mm

Inspection & Maintenance Recommendations

- After installation, **inspect all hardware after the first 100 miles** of driving.
- Thereafter, **reinspect every 3 months** or 3,000 miles, whichever comes first.
- Ensure all fasteners remain tight and free of corrosion or damage.
- Re-torque as needed using the specifications in the chart above or per OEM requirements.

Installer assumes all liability for proper installation and continued inspection of hardware. If torque values are not properly applied and maintained, failure of the part and safety risks may result.

Installation Instructions:



STEP 1 – Preparation

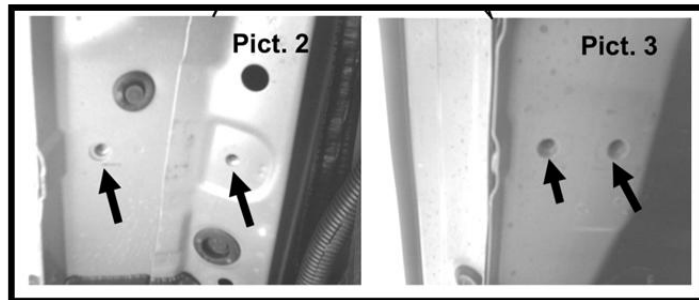
Before starting the installation, carefully read through all instructions. Verify that all parts and hardware are included and accounted for.

STEP 2 – Locate Mounting Points

On the driver side, locate the existing threaded holes along the vehicle's rocker panel. The **front bracket** has wider mounting hole spacing compared to the **center** and **rear** brackets. Refer to **Figures 2 and 3** to identify the correct mounting locations for each bracket.

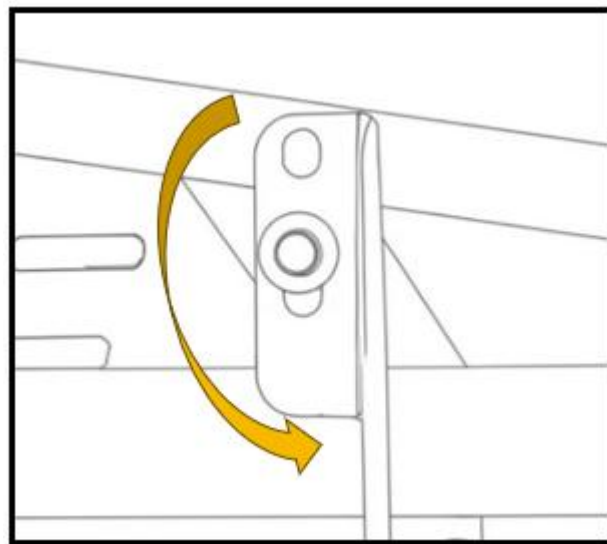
STEP 3 – Front Bracket Installation

Position the **front bracket** over the designated mounting holes and secure it using **M8 SEMS bolts**. Refer to **Figure 5** for proper alignment. Repeat this step on the passenger side. Do **not** fully tighten the bolts at this stage—leave them loose for final adjustment.



STEP 4 – Center and Rear Bracket Installation

Install the **center** and **rear** brackets using **two M8 SEMS bolts per bracket**. Refer to the images below for correct placement and orientation. Repeat this step on the passenger side. Do not fully tighten the bolts at this stage—leave them loose for final adjustment.



Note: When installing the U-channel on the rear bracket, the board's taper may only allow alignment with a single mounting hole. To fit the U-channel inside the board, it may need to be positioned at a slight angle. Refer to the illustration for proper placement.