

INSTALLATION MANUAL

PRODUCT: **ALUMINUM GAS TANK SKID PLATE**
APPLICATION: **2th GEN TOYOTA TACOMA ('11-'15)**
3th GEN TOYOTA TACOMA ('15-)
PART NO: **2333.9545.1.6**



CAUTION!

To reduce the risk of serious injury or damage to property: Before you start installing and using this product, read the full instructions, pay special attention to the conditions of safe use and recommendations for installation! When installing or maintaining this product, it is necessary to use protective goggles. Check the integrity of the structure and the moment the fastening is tightened every 400 kms/250 miles of mileage. Do not use this product if there is damage to the structure or fasteners!

Attention!

Gas tank skid plate is an additional protection, but it cannot be guaranteed to protect against all possible damage in collisions. When driving, be careful of objects and terrain that may damage sensitive parts of the vehicle.

GAS TANK SKID PLATE

Part number:	2333.9546.1.6
Suited for vehicle:	2th GEN TOYOTA TACOMA DOUBLE CAB ('11-'15), 2.7L 3th GEN TOYOTA TACOMA DOUBLE CAB ('15-), 3.5L
Material:	Aluminum/Steel
Compatibility:	2333.9540.1.6 Engine skid Plate 2333.9541.1.6 Gearbox and transfer case Skid Plate 2333.9546.1.6 A-Arms Skid Plate



SAFETY NOTICE

- * The RIVAL Gas Tank skid plate is designed to complement the use and design of the specified vehicle under conditions specified by the vehicle manufacturer.
- * While driving the vehicle at any speed, collision with any other vehicle, animal or object must always be avoided.
- * Following any collision with any other vehicle, animal or object, the RIVAL Gas Tank skid plate and the vehicle must be inspected by a specialized or suitably qualified vehicle repairer for possible damage to the components and assemblies in order to confirm suitability for further use of the vehicle.
- * It is strongly recommended that you do not operate a vehicle with a damaged Gas Tank skid plate or its components. In the case of damage, please contact the nearest RIVAL dealer. Vehicle, or where the skid plate has been damaged, is extremely dangerous and must be avoided at all cost.

INSTALLATION NOTICE

- * The RIVAL Gas Tank skid plate must be mounted and affixed to the vehicle according to this installation manual.
- * Personal safety during the installation process must be adhered to at all times.
- * Do not install this skid plate on vehicle models other than those allowed in this manual.
- * Estimated time for installation: 1 hour.

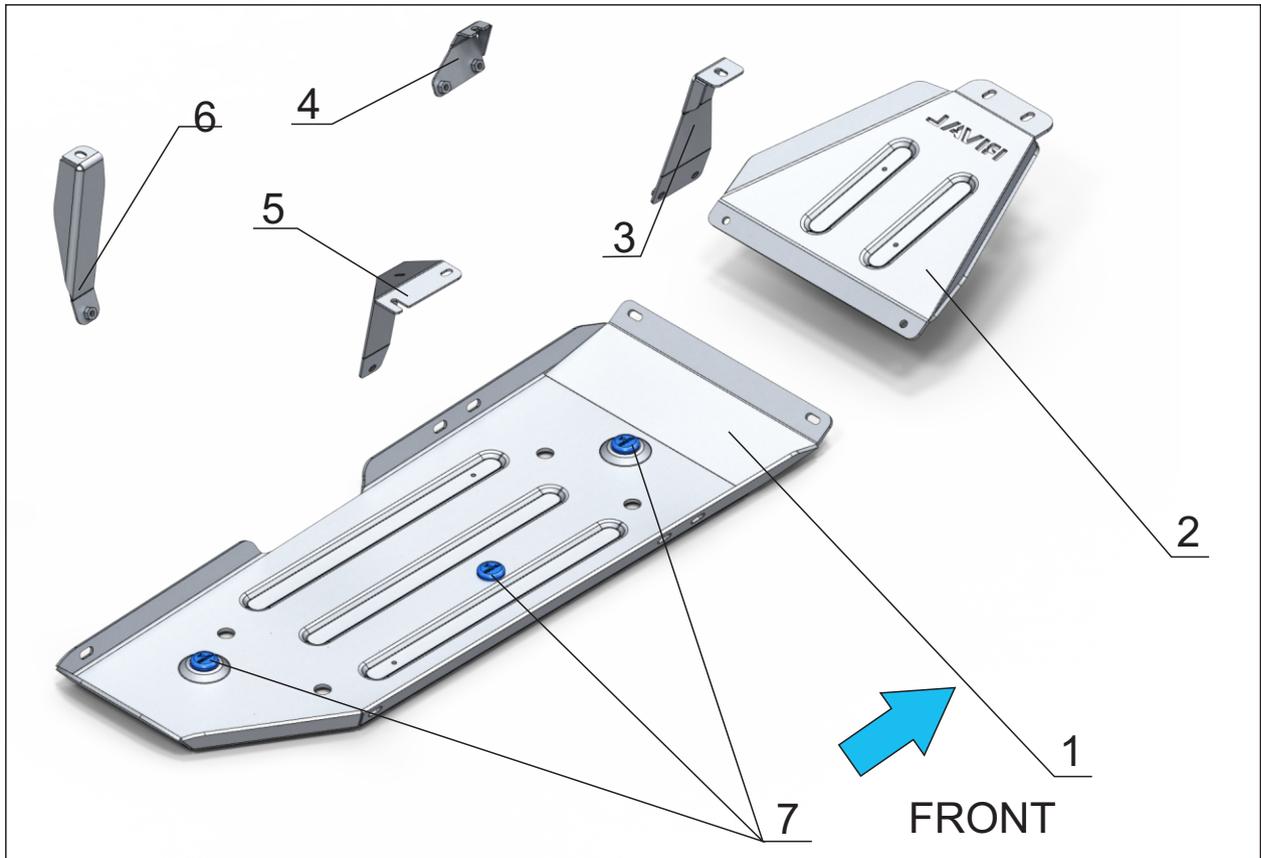
REQUIRED TOOLS

- * Ratchet;
- * Torque Wrench;
- * 13 mm socket;
- * 17 mm socket.

TORQUE SETTING

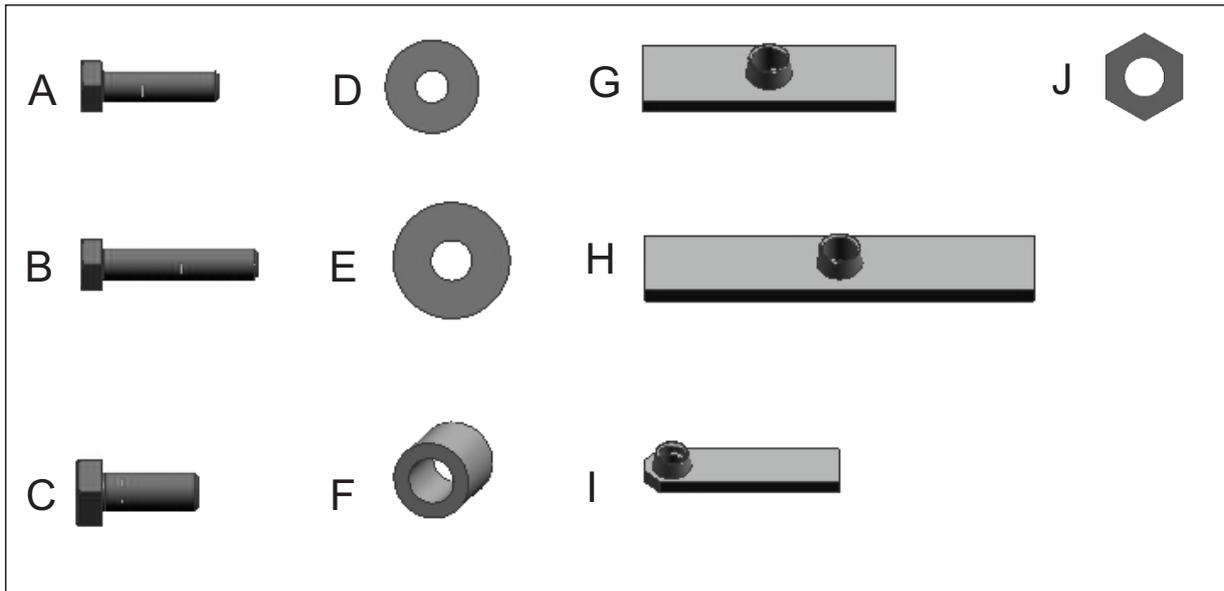
M8 - 24 H·m (17.7 lb/ft);
M10 - 47 H·m (34.7 lb/ft).

PART LISTING



1. Gas tank skid plate p.1.....	1 Qty.
2. Gas tank skid plate p.2.....	1 Qty.
3. Front right bracket.....	1 Qty.
4. Front left bracket.....	1 Qty.
5. Rear right bracket.....	1 Qty.
6. Rear left bracket.....	1 Qty.
7. Buffers (pre-mounted to skid plate)....	3 Qty.

HARDWARE LISTING



A. Bolt M8x30.....	1 Qty.
B. Bolt M8x40.....	1 Qty.
C. Bolt M10x25.....	11 Qty.
D. Flat washer 8 mm.....	2 Qty.
E. Flat washer 10 mm.....	13 Qty.
F. Spacer.....	1 Qty.
G. Insert nut M10x65.....	1 Qty.
H. Insert nut M10x100.....	2 Qty.
I. Insert nut M8.....	2 Qty.
G. Nut M10.....	2 Qty.

INSTALLATION PROCEDURE



***If equipped, remove the factory skid plate or any other aftermarket skid plate.
*If necessary, you can use the factory hardware. If you do not have factory skid plate and hardware, the RIVAL kit includes everything for fitment.**



1. Place Insert Nut M10x65 (pos.G) in frame rail (Fig.1).



2. Install the front right mounting bracket (pos.3), using Bolt M10x25 (C), Flat washer 10 mm (pos.E) (Fig. 2).
***Do not tighten yet.**



3. Install the front left mounting bracket (pos.4) using factory bolts (Fig.3).



4. Install the rear left mounting bracket (pos.6) using factory bolts (Fig.4).
***Do not tighten yet.**

INSTALLATION PROCEDURE

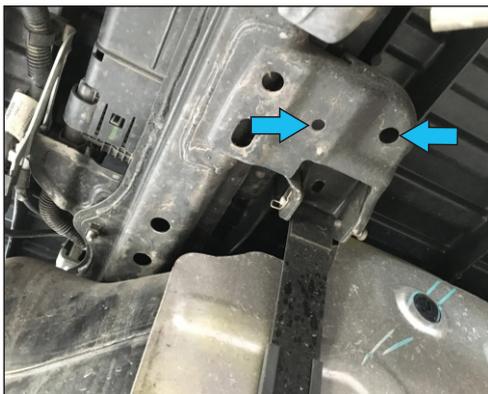


Fig. 5

5. Place Insert Nuts M8 (pos.I) in frame rail (Fig.5).

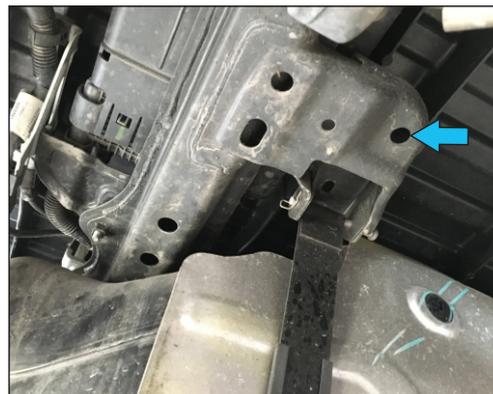


Fig. 6

6. Install the rear right mounting bracket (pos.5), using Bolt M8x40 (B), Flat washer 8mm (pos.D) and Spacer (pos.F) (Fig. 6).
***Do not tighten yet.**



Fig. 7

7. Install the rear right mounting bracket (pos.5), using Bolt M8x30 (A), Flat washer 8mm (pos.D) and Spacer (pos.F) (Fig. 7).
***Do not tighten yet.**



Fig. 8

8. Install the rear right mounting bracket (pos.5), using Bolt M8x30 (A), Flat washer 8mm (pos.D) and Insert nut M8 (pos.I) (Fig. 8).
***Do not tighten yet.**
***For 2th Gen**

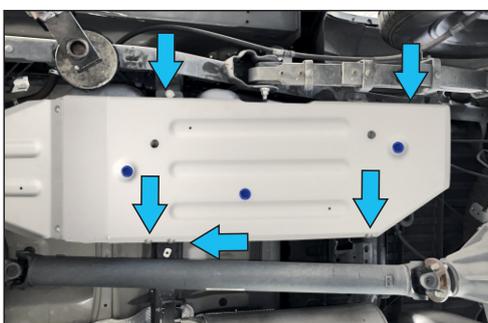


Fig. 9

9. Attach the Gas Tank skid plate p.1 (pos.1) to mounting brackets using Bolts M10x25 (C) and Flat washers 10 mm (E). (Fig. 9)
***Do not tighten yet.**

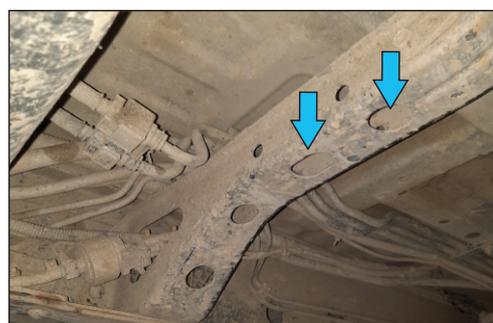


Fig. 10

10. Place Insert Nuts M10x100 (pos.H) in frame rail (Fig.10).

INSTALLATION PROCEDURE

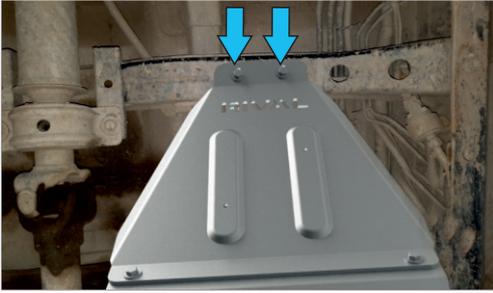


Fig. 12

12. Attach front part of Gas Tank skid plate p.2 using Bolts M10x25 (pos.C) and Flat washers 10mm (pos.E) (Fig.12).

***Do not tighten yet.**

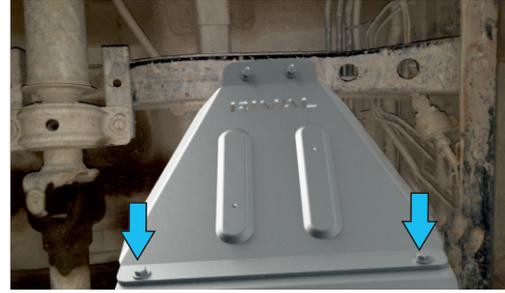


Fig. 13

13. Attach rear part of Gas Tank skid plate p.2 using Bolts M10x25 (pos.C), Flat washers 10mm (pos.E) and nuts M10 (pos.G) (Fig.13).

***Do not tighten yet.**

14. Tighten all the hardware that attaches skid plate to brackets and to vehicle.

INSTALLATION PROCEDURE

Before operating a vehicle fitted with RIVAL Skid Plate:

- make sure all fittings are tightened;***
- ensure the integrity of the structure and its components.***

