

INSTALLATION MANUAL

PRODUCT: **ALUMINUM GAS TANK SKID PLATE**
APPLICATION: **5th GEN TOYOTA 4RUNNER ('10-)**
TOYOTA LAND CRUISER 150 PRADO ('09-)
PART NO: **2333.9544.1.6**



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: 2333.9544.1.6
Suited for vehicle: 5th GEN TOYOTA 4RUNNER ('10-), 4L
TOYOTA LAND CRUISER 150 PRADO '09-), 2.8L Diesel; 4L
Material: Aluminum/Steel
Compatibility: 2333.9542.1.6 Engine Skid Plate
2333.9543.1.6 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.

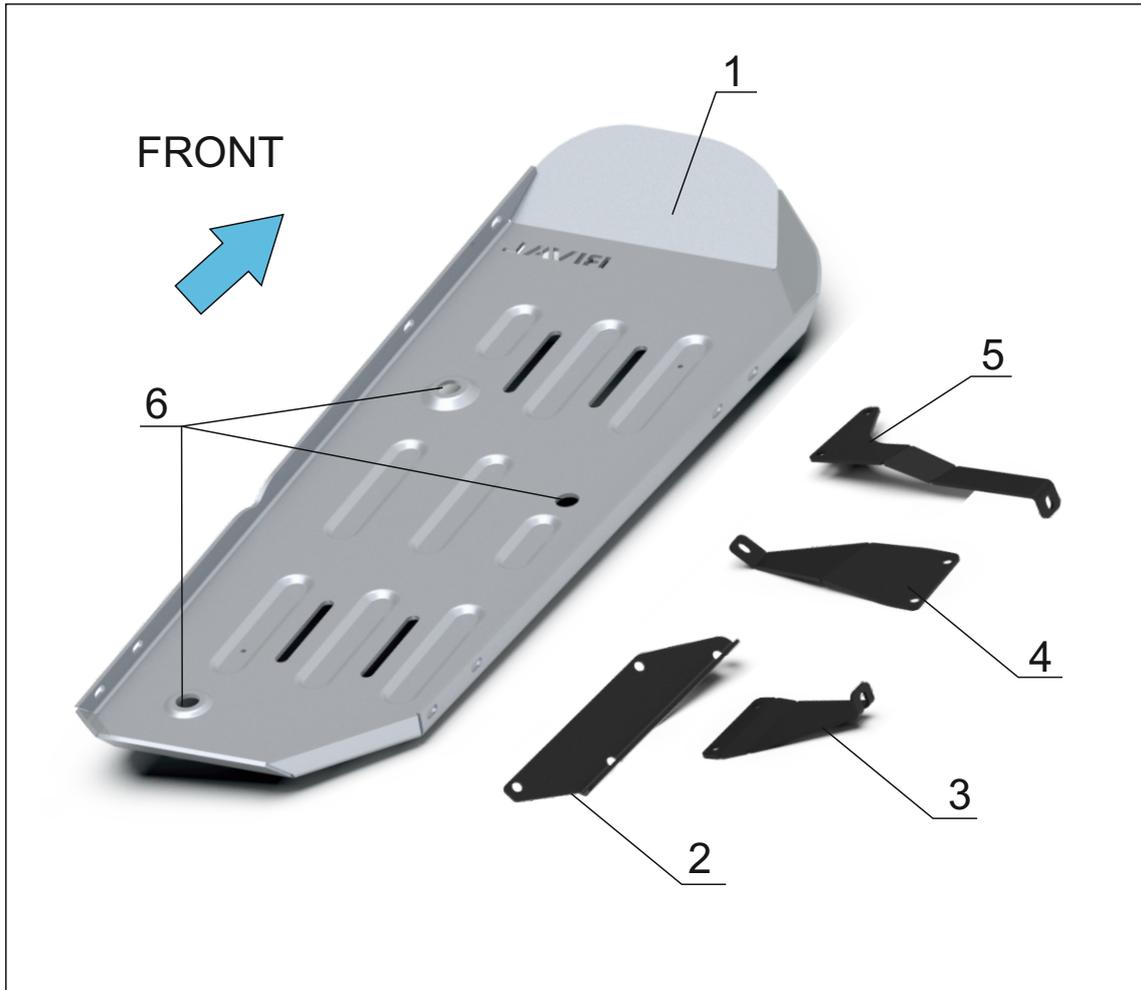
REQUIRED TOOLS

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

TORQUE SETTING

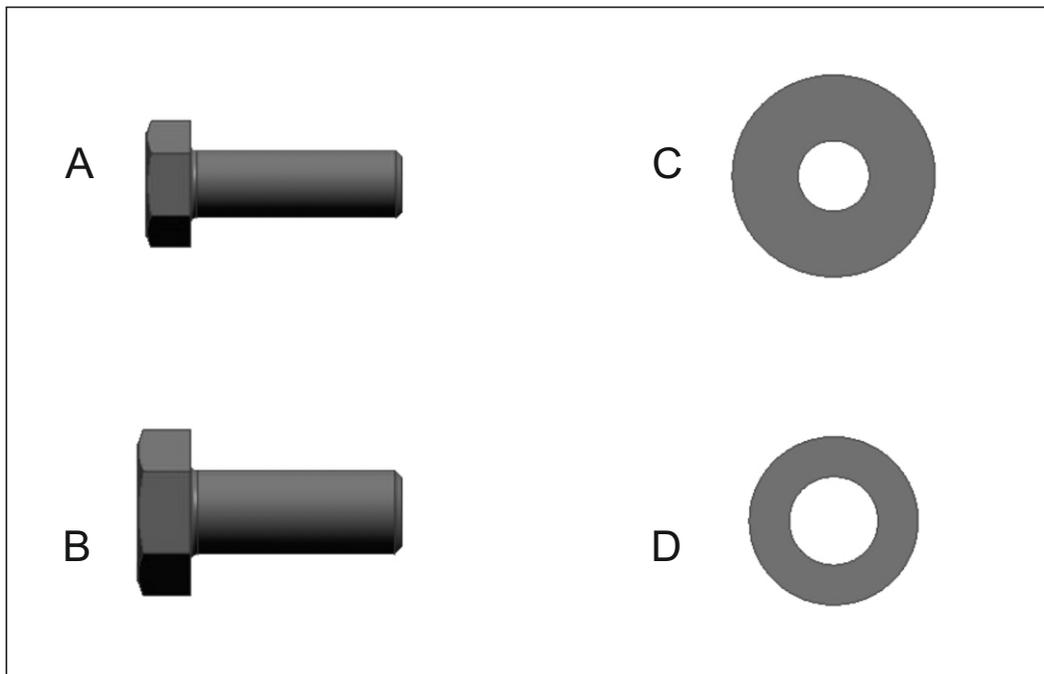
M8 - 24 H·m (17.7 lb/ft);
M10 - 47 H·m (34.7 lb/ft).

PARTS LISTING



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

HARDWARE LISTING



- A. Bolt M8x25..... 5 Qty.
- B. Bolt M10x25 8 Qty.
- C. Flat washer 8 mm.. 5 Qty.
- D. Washer 10 mm..... 8 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.**



Fig. 1

1. Install the front left mounting bracket (pos.2), using Bolts M8x25 (A), Flat washers 8 mm (C). (Fig 1)
***Do not tighten yet.**



Fig. 2

2. Install the front right mounting bracket (pos.4), using Bolt M8x25 (A), Flat washer 8 mm (C). (Fig. 2)
***Do not tighten yet.**



Fig. 3

3. Install the rear left bracket (pos.3), using Bolt M8x25 (A), Flat washer 8 mm (C). (Fig. 3)
***Do not tighten yet.**



Fig. 4

4. Install the rear right bracket (pos.5), using Bolt M8x25 (A), Flat washer 8 mm (C). (Fig. 4)
***Do not tighten yet.**

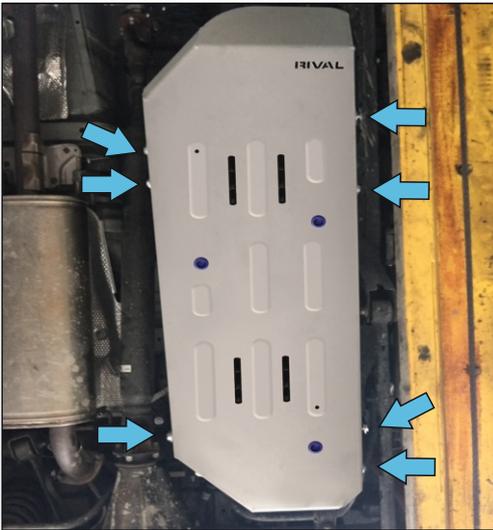


Fig. 5

5. Attach the Gas Tank skid plate (pos.1) to mounting brackets using Bolts M10x25 (B), Washers 10 mm (D). (Fig. 5)

***Do not tighten yet.**



Fig. 6

6. Make sure all buffers are in contact with the Gas tank (Fig. 6).



Fig. 7

7. Tighten all the hardware that attaches brackets to vehicle, and then tighten skid plate to brackets. (Fig. 7)

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.***

