

TOYOTA PRADO 150 / 4RUNNER / LEXUS GX460

No.: 5783.1/6 Engine plate 1
5784.1/6 Engine plate 2
5785.1/6 Gearbox / Transfer case plate

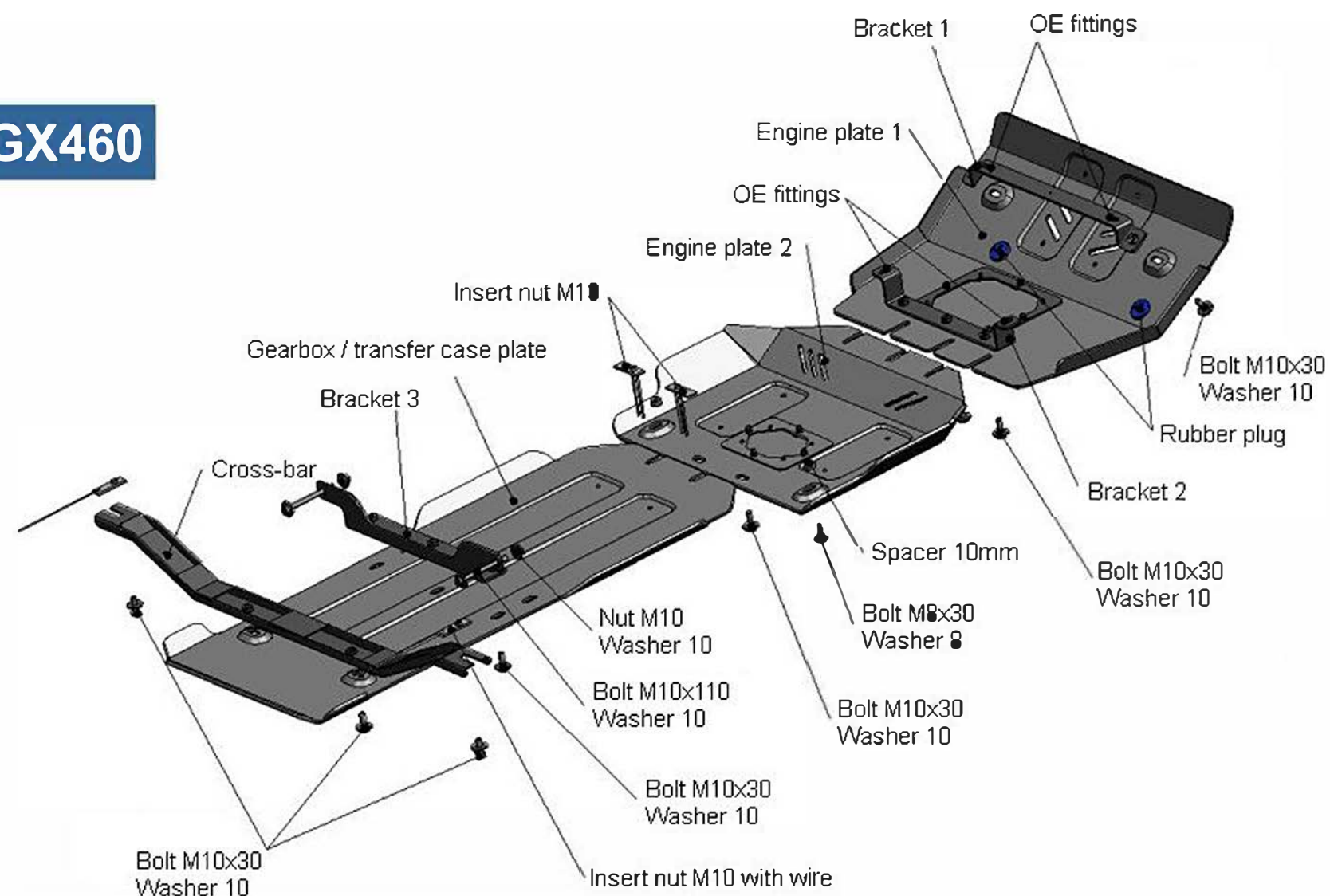
Year: 2009-

Engine: 2.7; 2.8D; 4.0; 3.0D / 4.6

Transmission: All

FITTING KIT

1. Bolt M8x30.....	2 pc
2. Bolt M10x30.....	14 pc
3. Bolt M10x110.....	2 pc
4. Nut M10.....	2 pc
5. Washer 8.....	2 pc
6. Washer 10.....	18 pc
7. Spacer 10mm.....	2 pc
8. Insert nut M10.....	2 pc
9. Insert nut M10 with wire.....	2 pc
10. Bracket 1.....	1 pc
11. Bracket 2.....	1 pc
12. Bracket 3.....	1 pc
13. Cross-bar.....	1 pc



INSTALLATION INSTRUCTIONS

1. Remove OE factory protection.
2. Mount bracket 1 and bracket 2 to OE threaded apertures using OE fittings.
3. Screw bolts M10x30 into bracket 2, then place rear end of engine plate 1 on bolts M10x30. Fix front end of engine plate 1 to bracket 1 using bolts M10x30.
4. Place insert nuts M10 above apertures in center part of underframe.
5. Place front end of engine plate 2 under rear end of engine plate 1, then fix its rear end to mounted insert nuts M10 using bolts M10x30, and to OE threaded apertures using bolts M8x30 and spacers 10mm.
6. Mount bracket 3 to cross-bar of the vehicle using bolts M10x110 and nuts M10. Place insert nuts M10 with wire to apertures of underframe and fix supplied cross-bar to them using bolts M10x30.
7. Place front end of gearbox / transfer case plate under engine plate 2, then fix its rear end to mounted cross-bar and to bracket 3 using bolts M10x30.
8. Tighten all screws (50 Nm for M10, 30 Nm for M8, 10 Nm for M6). Do not use pneumatic or power tools to tighten.

IMPORTANT: Skid Plate installations should only be done by a qualified person and it is the responsibility of this person to ensure correct fitment.

INSTALLATION MANUAL

PRODUCT: ALUMINUM FUEL TANK SKID PLATE

APPLICATION: TOYOTA 4RUNNER (2013-2024)
TOYOTA LAND CRUISER 150 PRADO (2013-2023)
LEXUS GX 460 (2019-2023)

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 250 miles (400 kms) of mileage. Do not use this product if there is damage to the structure or fasteners!

NOTICE

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

FUEL TANK SKID PLATE

Part number: 2333.9544.1.6

Suited to vehicle: TOYOTA 4RUNNER 4.0L AT 4WD (2013-2024)
TOYOTA LAND CRUISER 150 PRADO 2.8d, 4.0L AT 4WD (2013-2023)
LEXUS GX 460 4.6L AT 4WD (2019-2023)

Material: Aluminum / Steel



SAFETY NOTICE

- * The RIVAL fuel 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 fuel 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 fuel 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 fuel 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.

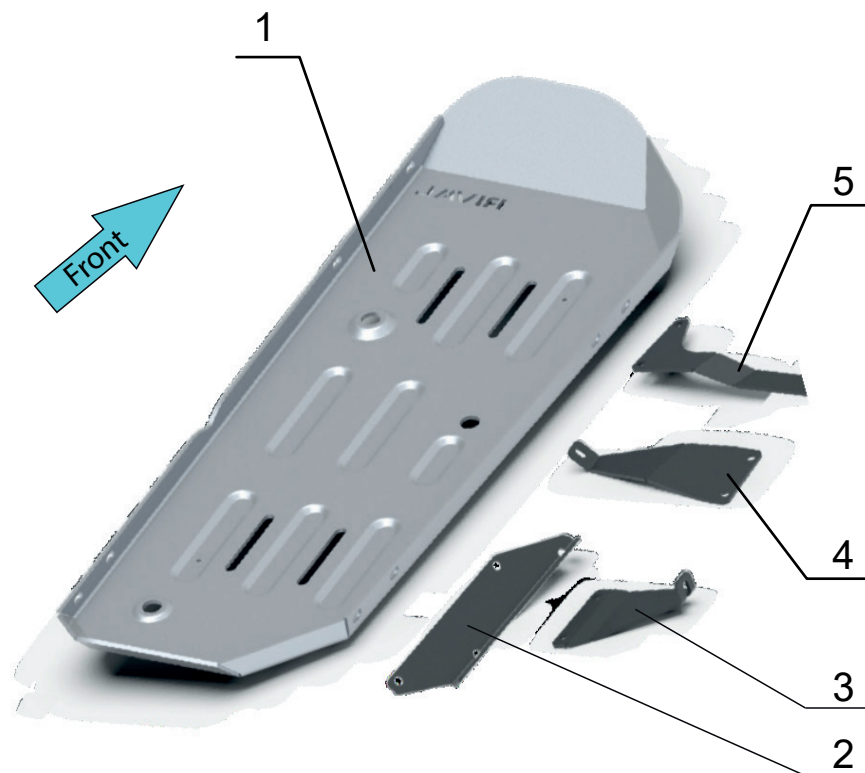
REQUIRED TOOLS

- * 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.....Qty 1
- 2. Front left bracket.....Qty 1
- 3. Rear left bracket.....Qty 1
- 4. Front right bracket.....Qty 1
- 5. Rear right bracket.....Qty 1

PARTS LISTING



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

INSTALLATION PROCEDURE



***If equipped, remove the factory skid plate or any other aftermarket skid plate.**



Fig.1

1. Install the front left mounting bracket (pos.2), using Bolts M8x25 (pos.A), Flat washers 8 (pos.C) (Fig.1).

***Do not tighten yet.**



Fig.2

2. Install the front right mounting bracket (pos.4), using Bolt M8x25 (pos.A), Flat washer 8 (pos.C) (Fig. 2).

***Do not tighten yet.**

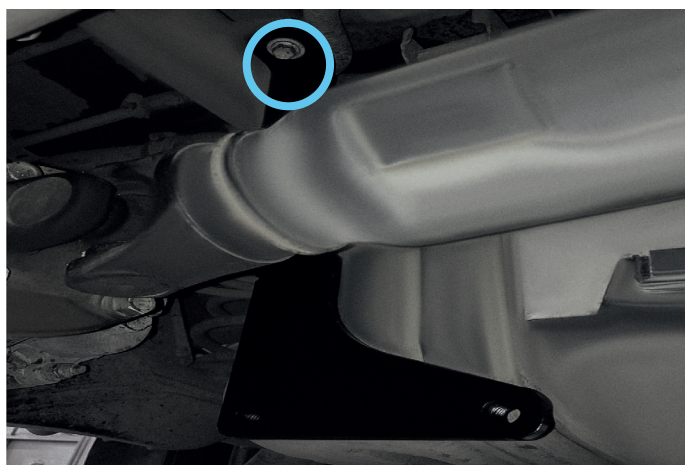


Fig.3

3. Install the rear left bracket (pos.3), using Bolt M8x25 (pos.A), Flat washer 8 (pos.C). (Fig. 3)

***Do not tighten yet.**



Fig.4

4. Install the rear right bracket (pos.5), using Bolt M8x25 (pos.A), Flat washer 8 (pos.C) (Fig. 4).

***Do not tighten yet.**

INSTALLATION PROCEDURE

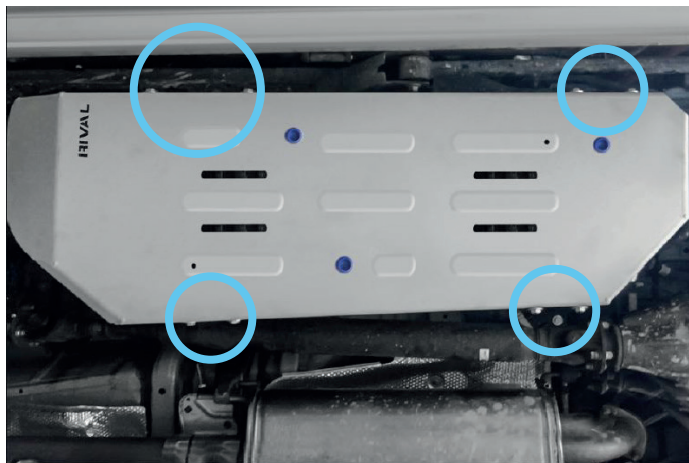


Fig.5

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

***Do not tighten yet.**



Fig.6

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

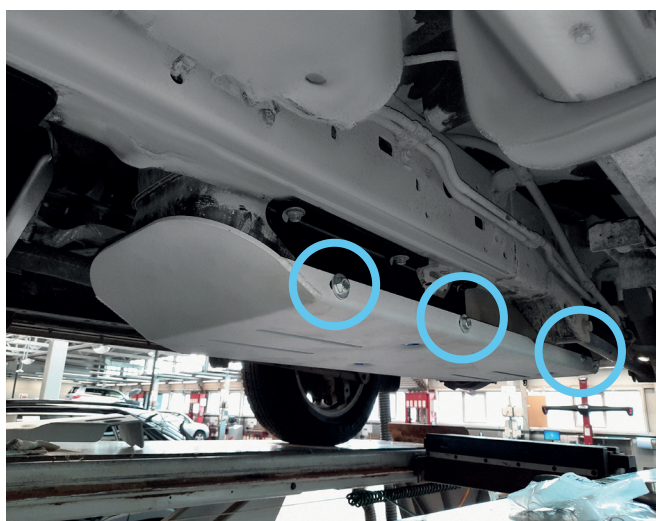


Fig.7

7. Tighten all the hardware that attaches 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.

