

INSTALLATION MANUAL

RIVAL

UP-TO-DATE
MANUAL



PRODUCT: FUEL TANK SKID PLATE

APPLICATION: FORD RANGER RAPTOR (2022-Present)
FORD EVEREST (2022-Present)

PART NO: 2111.1889.1.3
2333.1889.1.6
2333.1889.1



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 installed components and torque all hardware every 250 miles (400 kms). Discontinue use if there is any damage to the structure or fasteners!

NOTICE

Skid plates are supplemental protection. We cannot guarantee protection against all possible damage from impacts. When driving, be careful of objects and terrain that may damage sensitive parts of the vehicle.

FUEL TANK SKID PLATE

RIVAL

Part number 2111.1889.1.3
 2333.1889.1.6
 2333.1889.1

Suited to vehicle: FORD RANGER RAPTOR 3.0L Biturbo V6 AT 4WD (2022-Present)
FORD EVEREST 2.0L AT 4WD (2022-Present)

Material: Steel / Aluminum



SAFETY NOTICE

- * The RIVAL skid plate is designed to complement the use and design of the specified vehicle under conditions underlined by the vehicle manufacturer.
- * While driving the vehicle at any speed, collision with another vehicle, animal or object must always be avoided.
- * Following any collision with another vehicle, animal or object, the RIVAL skid plate and the vehicle must be inspected by a specialized or suitably qualified vehicle technician 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 skid plate or its components. In the case of damage, please contact the nearest RIVAL dealer. A damaged vehicle or skid plate is extremely dangerous and should be avoided at all cost.
- * We recommend using a funnel when changing the oil to prevent spills and ensure a clean process.

INSTALLATION NOTICE

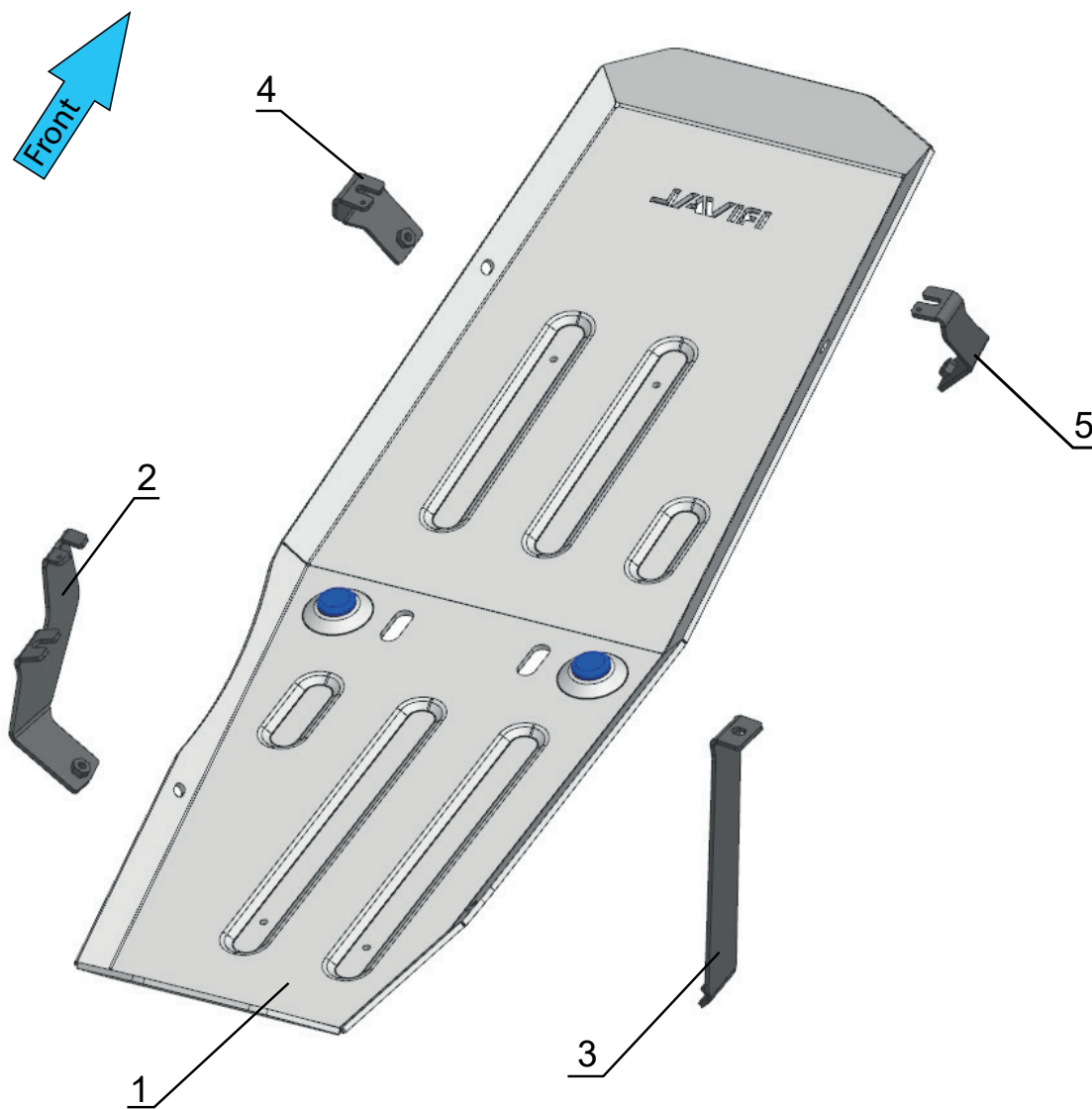
- * The RIVAL skid plate must be mounted to the vehicle according to this installation manual.
- * Personal safety during the installation process must be adhered to at all times.
- * Do not install this skid plate on vehicle models other than those listed in this manual.
- * Estimated time for installation: 1 hour.
- * It's good practice to use a tap on all included hardware and bracketry to ensure ease of final assembly.

REQUIRED TOOLS

- * Basic tool kit
- * Torque wrench

TORQUE SETTING

- * M10 - 47 Nm (34.7 lb/ft)



- 1. Fuel tank skid plate.....Qty 1
- 2. Rear right bracket.....Qty 1
- 3. Rear left bracket.....Qty 1
- 4. Front right bracket.....Qty 1
- 5. Front left bracket.....Qty 1



- A. Bolt M10x1.5x25.....Qty 5
- B. Washer M10.....Qty 5
- C. Insert nut M10x65 with wire.....Qty 1

SPARE PARTS



- C. Insert nut M10x65 with wire.....Qty 1

INSTALLATION PROCEDURE

RIVAL

Right side →



← Left side

***If equipped, remove factory or any aftermarket skid plates that might interfere with installation.**

***Set aside hardware for re-use.**

***RIVAL fuel tank skid plate works in conjunction with the factory plastic cover.**

***When loosening any bolts securing the factory tank be sure to leave enough thread engagement so the bolts do not come all the way out.**

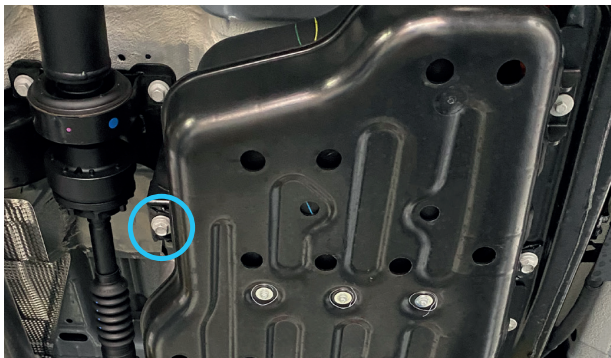


Fig. 1

1. Loosen front right factory bolt as shown in fig.1.



Fig. 2

2. Slide front right bracket (item 4) under previously loosened factory bolt as shown in fig.2. Tighten just enough so the bracket can be aligned when installing the skid plate in a later step.



Fig. 3

3. Loosen front left factory bolt as shown in fig.3.



Fig. 4

4. Slide front left bracket (item 5) under bolt loosened in step 3 as shown in fig.4. Tighten just enough so the bracket can be aligned when installing the skid plate in a later step.



Fig. 5

5. Remove the rear right factory bolt as shown in fig.5.



Fig. 6

6. Install rear right bracket (item 2) and secure it using the factory bolt as shown in fig.6.

***Do not tighten.**



Fig. 7

7. Install M10 insert nut with wire (item C) into the opening as shown in fig. 7.

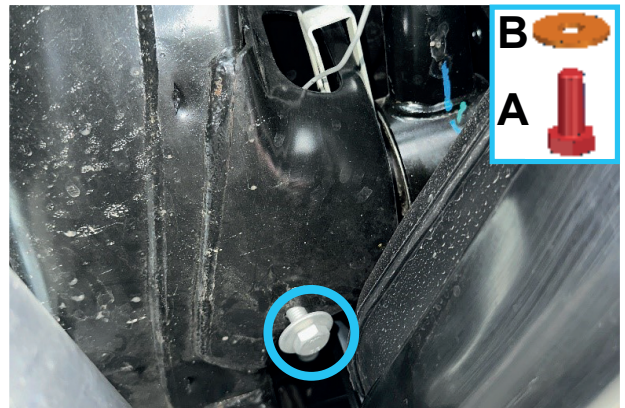


Fig. 8

8. Loosely secure M10x25 bolt (item A) and M10 washer (item B) to previously installed insert nut in step 7(Fig.8).

***Do not tighten.**

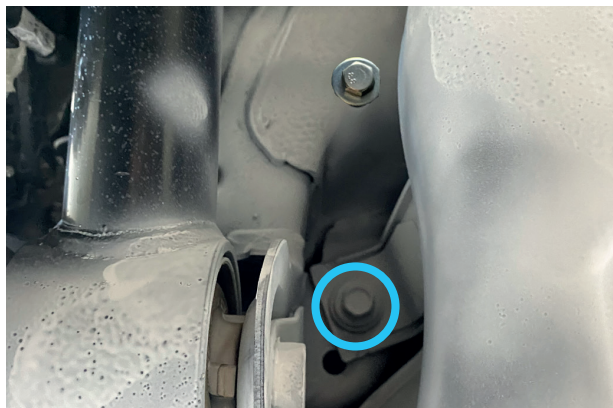


Fig. 9

9. Loosen rear left factory bolt shown in fig.9.

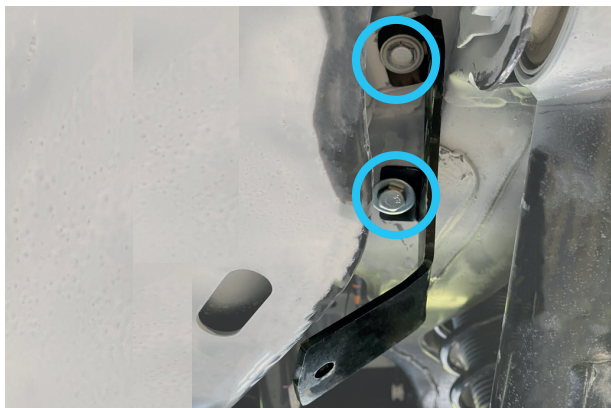


Fig. 10

10. Slide rear left bracket (item 3) into place above factory bolt and previously installed hardware installed in step 8 as shown in fig.6. Tighten just enough so the bracket can be aligned when installing the skid plate in the next step.

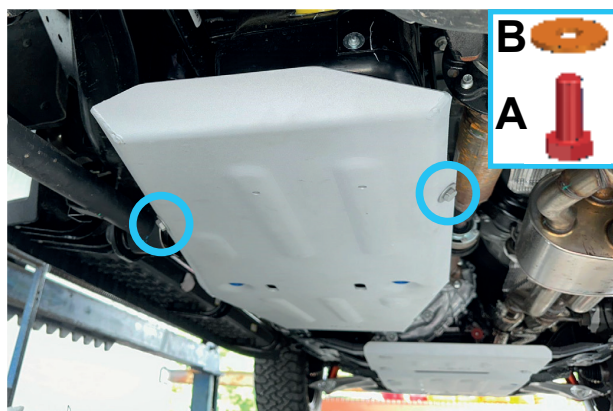


Fig. 11

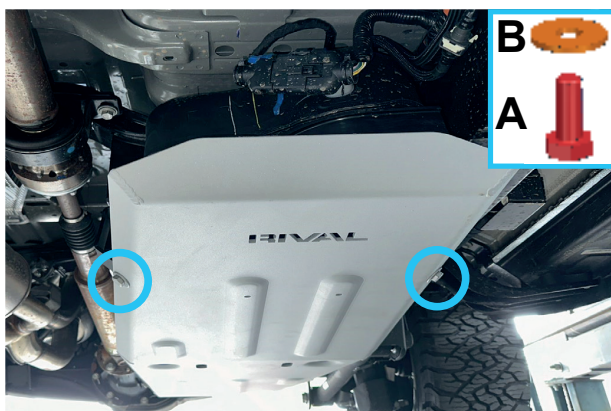


Fig. 12

11. Install the gas tank skid plate (item 1) to brackets using M10x25 bolts (item A) and M10 washers (item B) as shown in fig.11 and fig.12. It may be necessary to move brackets a bit to get all mounting points properly aligned.

***Tighten all hardware.**

Before operating a vehicle fitted with RIVAL Skid Plate:

- Make sure all hardware is torqued.
- Ensure the integrity of the structure and all its components.

