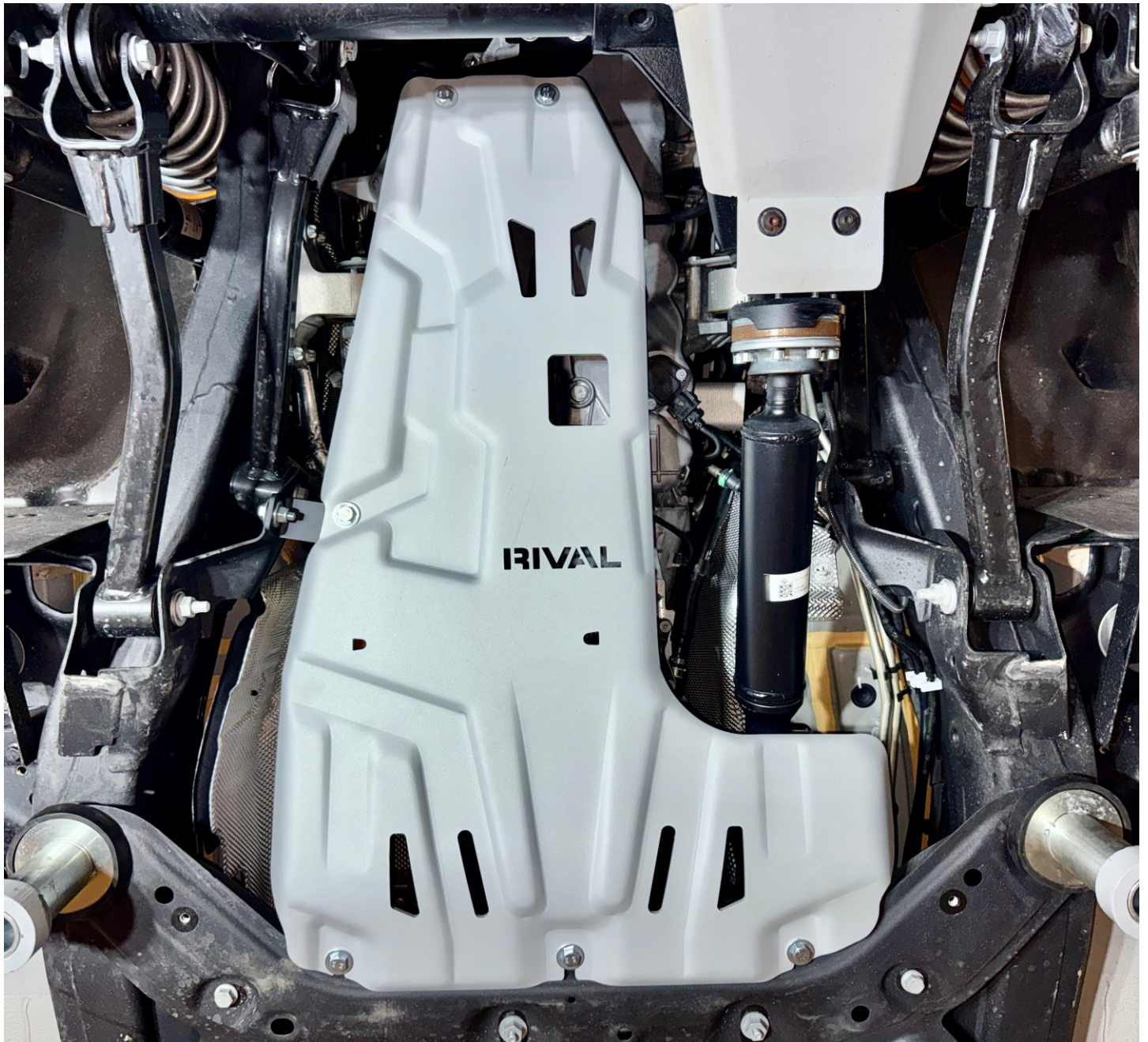
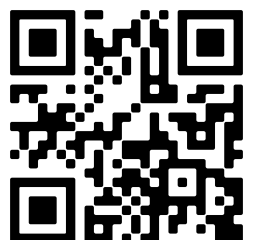


ENGINE SKID PLATE



Material: aluminum / steel

Part number: 2333.4501.2.6; 2333.4501.2; 2111.4501.2.3



UP-TO-DATE MANUAL

READ BEFORE INSTALLATION

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.

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.
- If applicable, 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.
- We recommend using blue threadlocker on all hardware.
- Estimated time for installation: 1 hour.

Required tools

Basic tool kit
Torque wrench

Torque setting

M10 - 47 N·m (34.7 lb/ft)

VEHICLE COMPATIBILITY

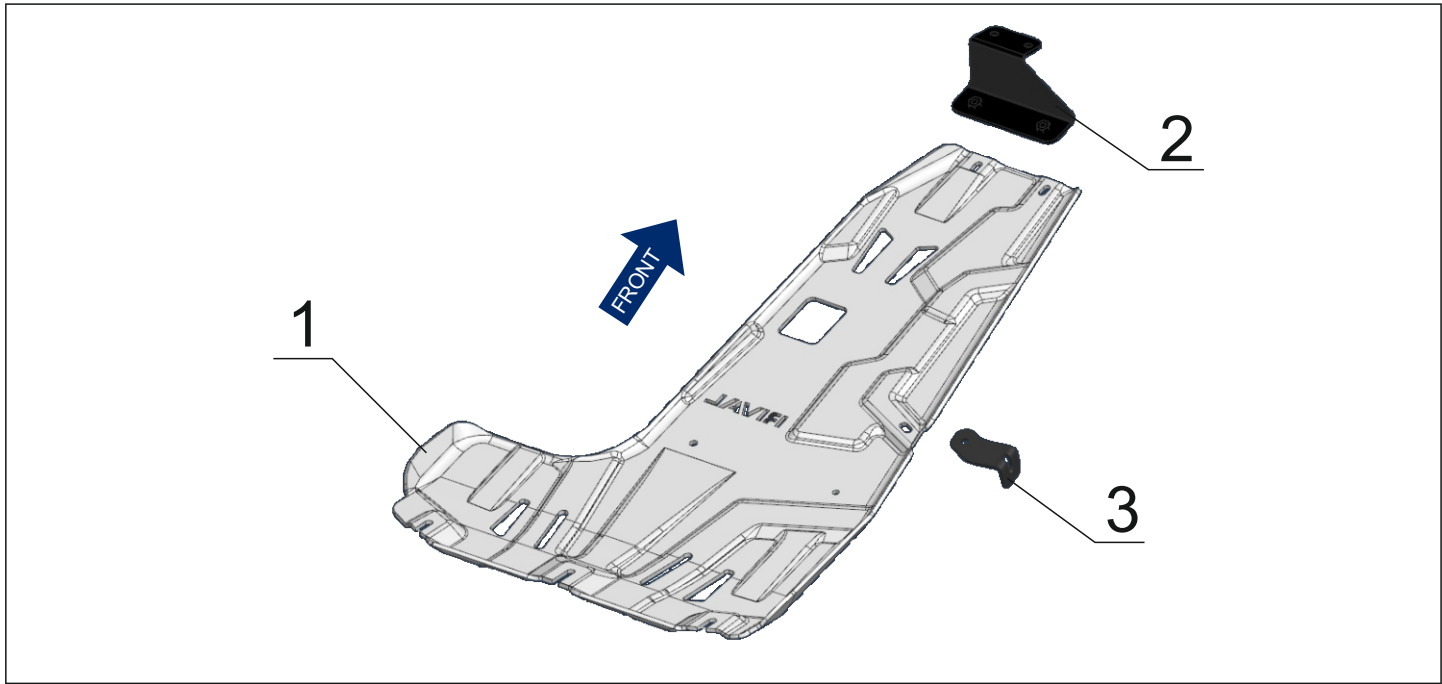


Ineos Grenadier 3.0, 3.0D; AT; 4WD (2023-Present)

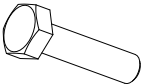
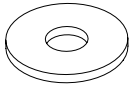
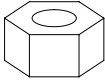
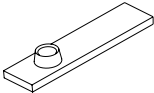


Ineos Grenadier Quartermaster 3.0, 3.0D; AT; 4WD (2023-Present)

PARTS LISTING



1	Skid plate
2	Bracket 1
3	Bracket 2

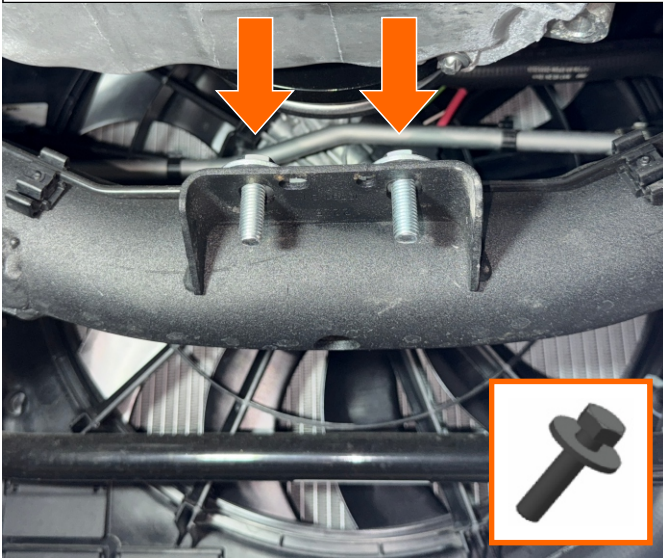
A		Bolt M10x1.5x30	9
B		Washer M10	13
C		Nut M10	4
D		Insert nut M10	3

INSTALLATION PROCEDURE



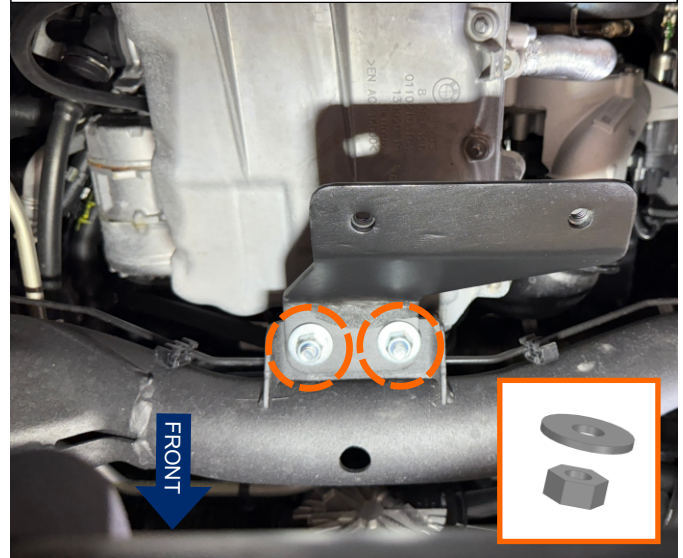
*If equipped, remove factory or any aftermarket skid plates that might interfere with installation

Fig. 1



1. Install M10x1.5x30 bolts with M10 washers (items A, B) through holes as shown in fig.1.

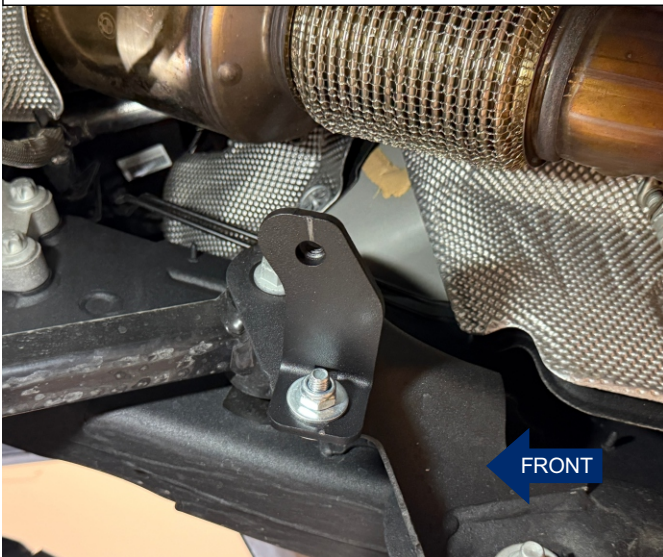
Fig. 2



2. Secure bracket 1 (item 2) to the previously installed bolts using M10 nuts and M10 washers (items D, C) as shown in fig.2.

***Do not tighten yet.**

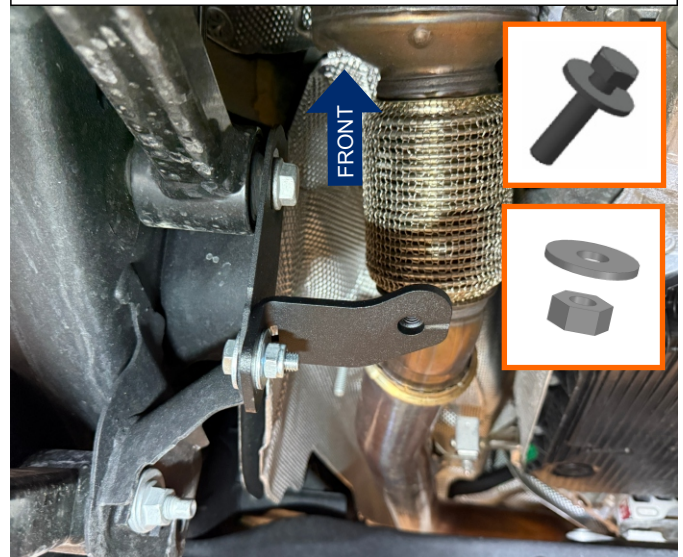
Fig. 3



3. Secure bracket 2 (item 3) to vehicle using M10x1.5x30 bolt, M10 nut and M10 washers (items A,B,C) as shown in fig.3,4.

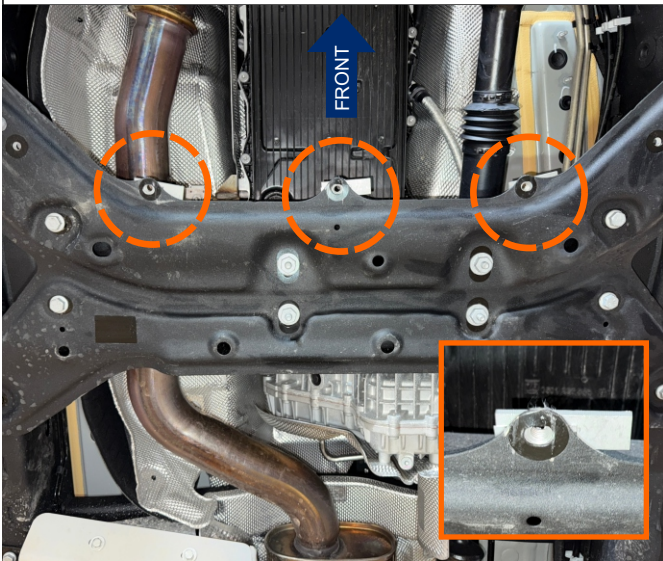
***Do not tighten yet.**

Fig. 4



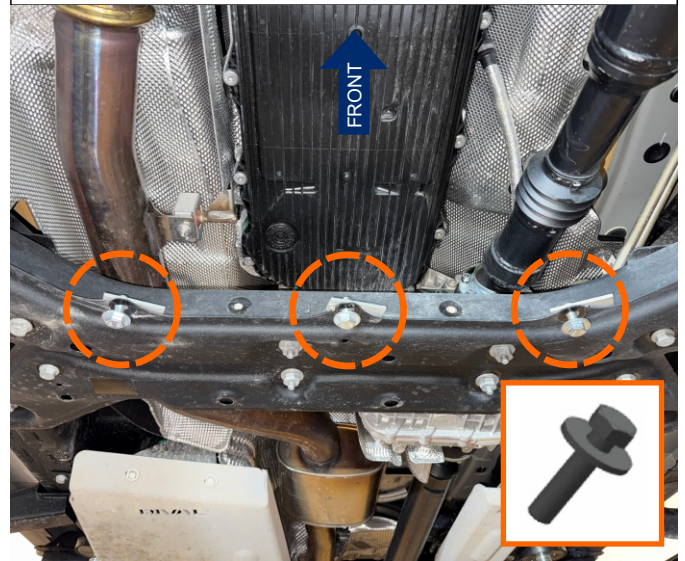
INSTALLATION PROCEDURE

Fig. 5



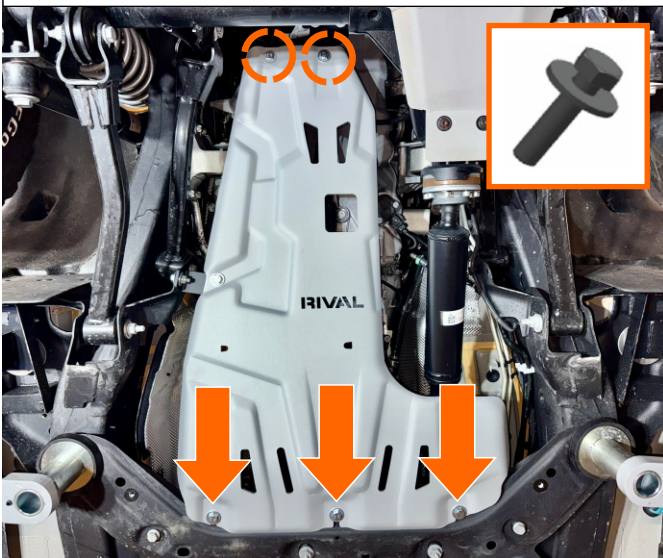
4. Install M10 insert nuts (item D) above factory holes as shown in fig.5.

Fig. 6



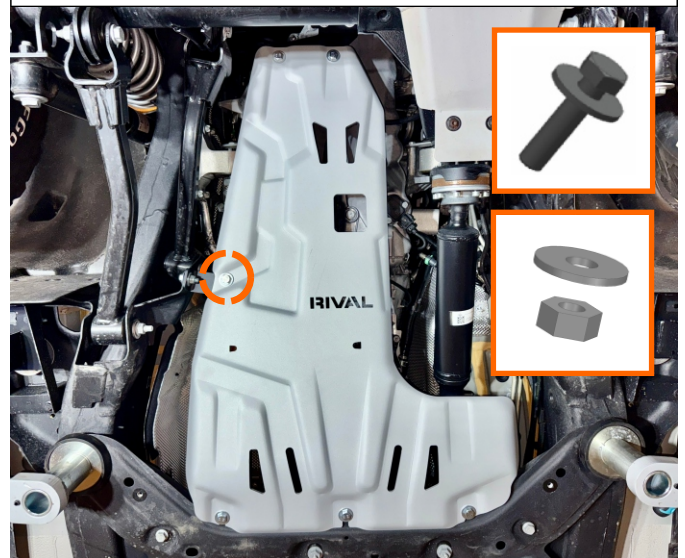
5. Loosely install M10x1.5x30 bolts with M10 washers (items A, B) into insert nuts from step 4 as shown in fig. 6.
***Do not tighten yet.**

Fig. 7



6. Slide the rear of the engine skid plate (item 1) over previously installed M10 bolts & washers from step 5. Secure the skid plate to bracket 1 using M10x1.5x30 bolts and M10 washers (items A,B) as shown in fig. 7.
***Do not tighten yet.**

Fig. 8



7. Secure the skid plate to bracket 2 using remaining M10x1.5x30 bolts, M10 washers and M10 nuts (items A,B,D) as shown in fig. 8.
***Once all bolts are installed, check skid plate alignment and torque all hardware.**



Before operating a vehicle fitted with RIVAL skid plates:

- Make sure all fittings are properly torqued.
- Ensure the integrity of the structure and its components.