

TRANSMISSION SKID PLATE



Material: aluminum

Part number: 2333.1898.1.6



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 Nm (34.7 lb/ft)
M12 - 77 Nm (56.8 lb/ft)

VEHICLE COMPATIBILITY

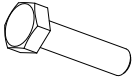
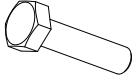
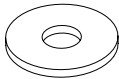
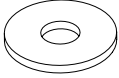


Ford Bronco 2.3I, 2.7I, 3.0I; AT; 4WD; 2-door, 4-door (2020-present)

PARTS LISTING



1	Skid plate
2	Crossmember

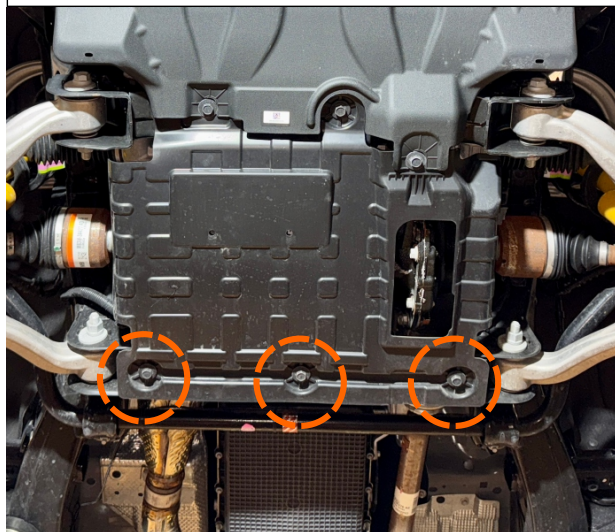
A		Bolt M10x1.5x30	8
B		Bolt M12x1.75x30	1
C		Washer M10	8
D		Washer M12	1
E		Spacer 6 mm	1

INSTALLATION PROCEDURE



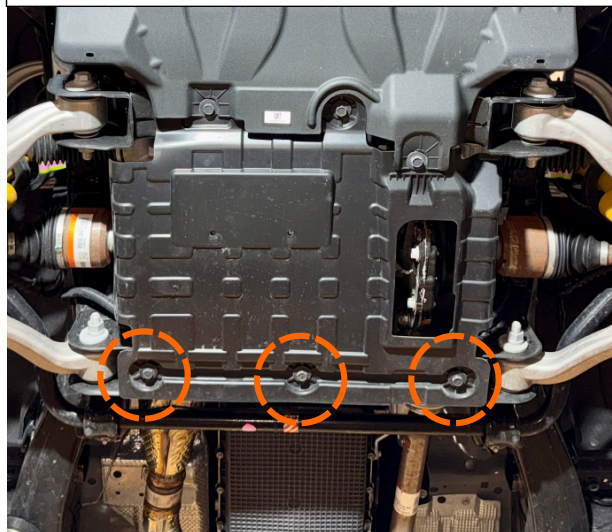
***If equipped, remove factory or any aftermarket skid plates that might interfere with installation.**
***Before installation: Separate skid plate (item 1) from crossmember (item 2) by removing the M10x30 bolts (item A) and M10 washers (item C). Set aside for reuse in later steps.**

Fig. 1



1. Remove factory bolts on the rear of the factory engine plate as shown in Fig. 1.

Fig. 2

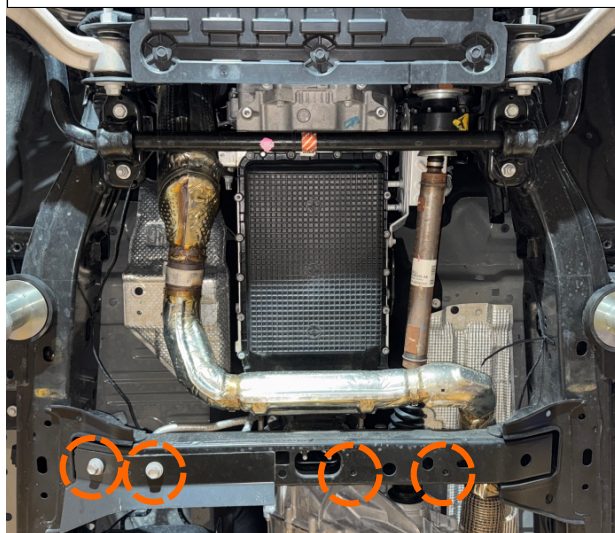


2. Loosely install M10x30 bolts with M10 washers (item A, C) into factory threaded holes.

***If the rear of the factory engine skid plate is secured by three mounting points as pictured, add the supplied 6mm spacer (item E) to the middle mounting point between the skid plate and the frame.**

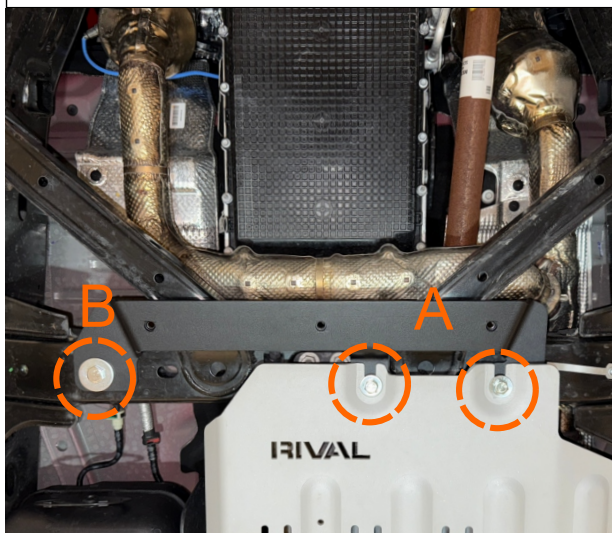
****Do not tighten yet.**

Fig. 3



3. If equipped, remove factory bolts and deflector, as shown in Fig. 3.

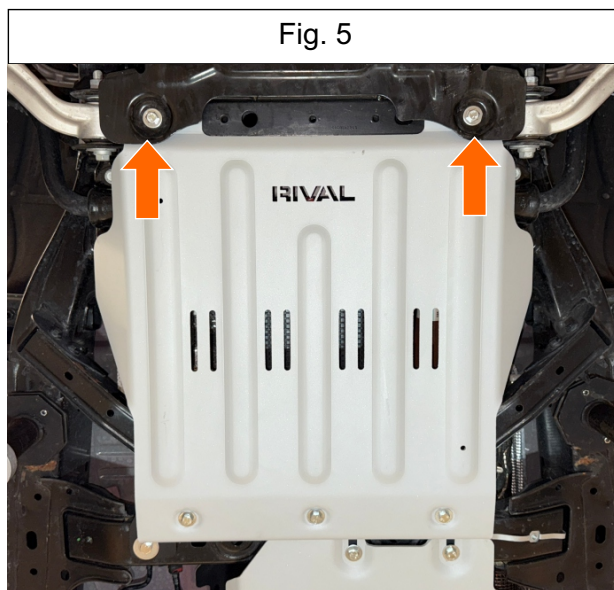
Fig. 4



4. Secure crossmember (item 2) using:
A - factory bolts or supplied M10x30 bolts and M10 washers (items A, C);
B - factory bolt or supplied M12x30 bolt and M12 washer (items B, D).

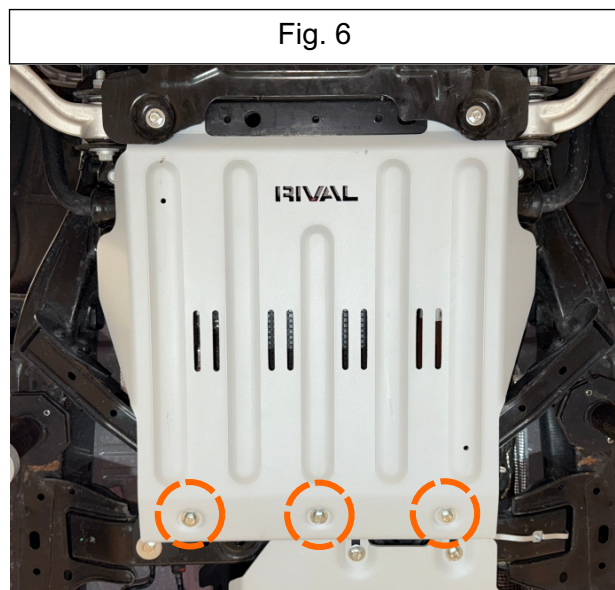
***Do not tighten yet.**

INSTALLATION PROCEDURE



5. Slide the front of the skid plate (item 1) over previously installed bolts with washers as shown in Fig.5.

***Do not tighten yet.**



6. Secure the rear of the skid plate using M10x30 bolts with M10 washers (items A, C) as shown in Fig. 6.

***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.**