

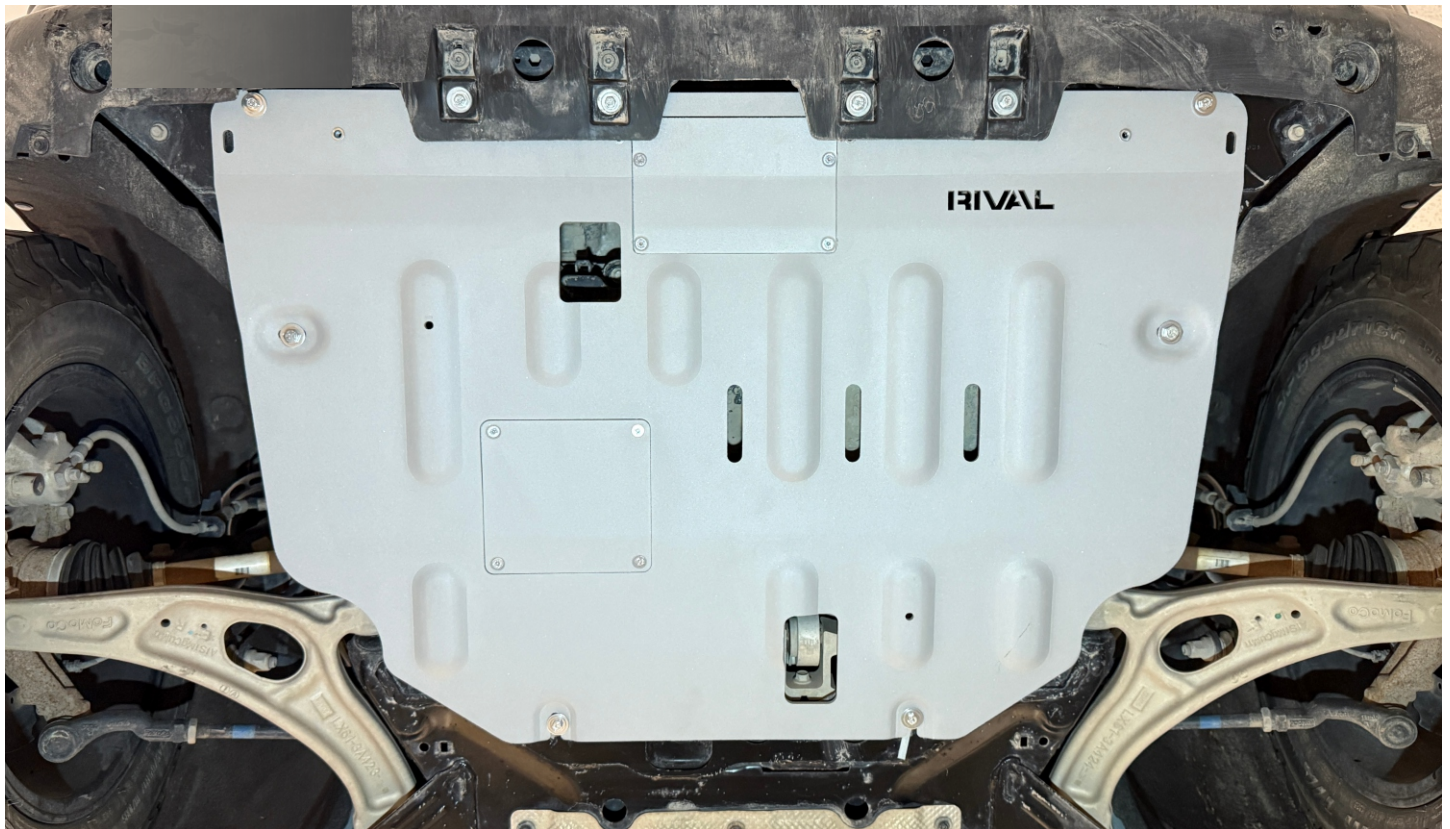
INSTALLATION MANUAL

RIVALUP-TO-DATE
MANUAL

PRODUCT: ENGINE SKID PLATE

APPLICATION: FORD BRONCO SPORT (2021-PRESENT)
FORD BRONCO SPORT BADLANDS (2021-PRESENT)
FORD MAVERICK TREMOR (2023-PRESENT)

PART NO: 2333.1897.1.6



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 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.

ENGINE SKID PLATE



Part number: 2333.1897.1.6

Suited to vehicle: Ford Bronco Sport 1.5 AT 4WD (2021-Present)
Ford Bronco Sport Badlands 2.0 AT 4WD (2021-Present)
Ford Maverick Tremor 2.0 AT 4WD (2023-Present)

Material: 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.

INSTALLATION NOTICE

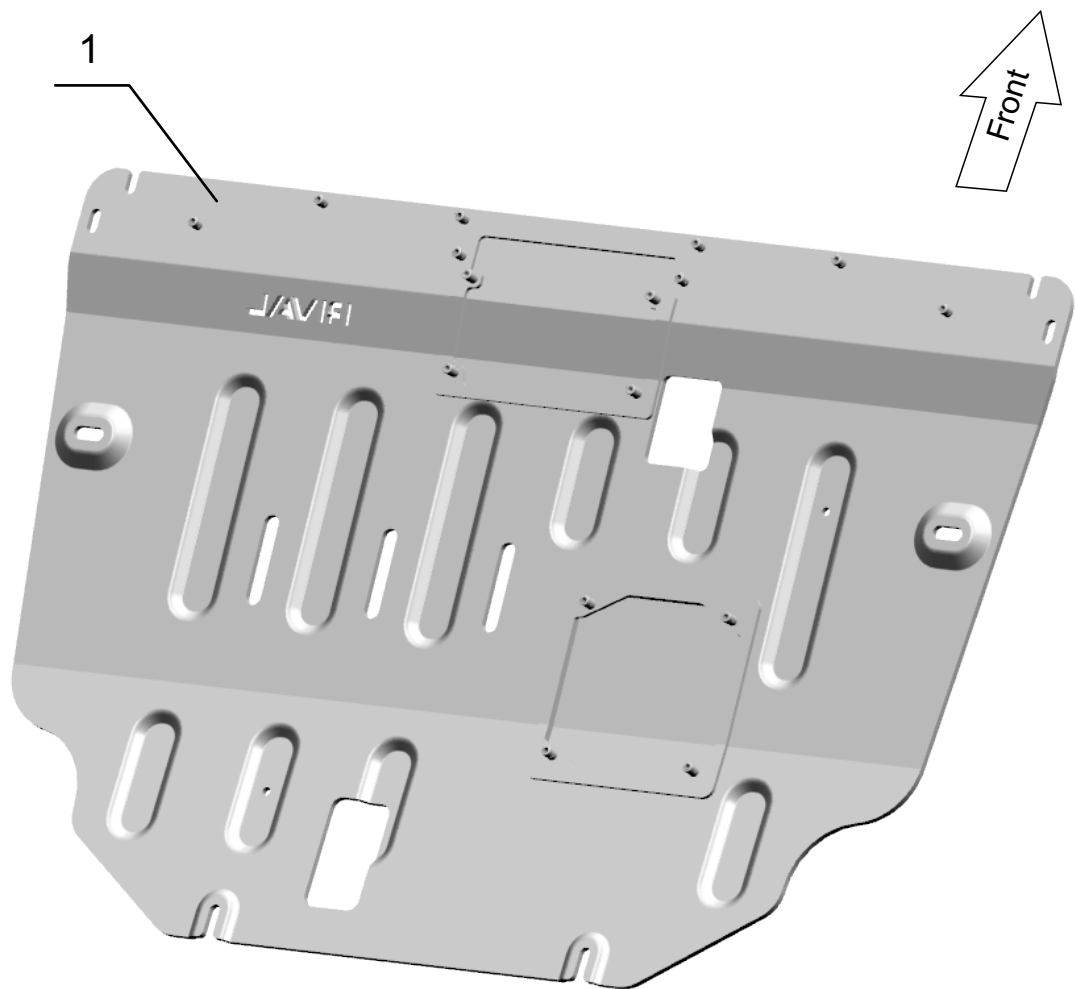
- * The RIVAL skid plate must be mounted to the vehicle according to this installation manual.
- * Personal safety during the installation process must be adhered to at all times.
- * Do not install this skid plate on vehicle models other than those listed in this manual.
- * Estimated time for installation: 1 hour.

REQUIRED TOOLS

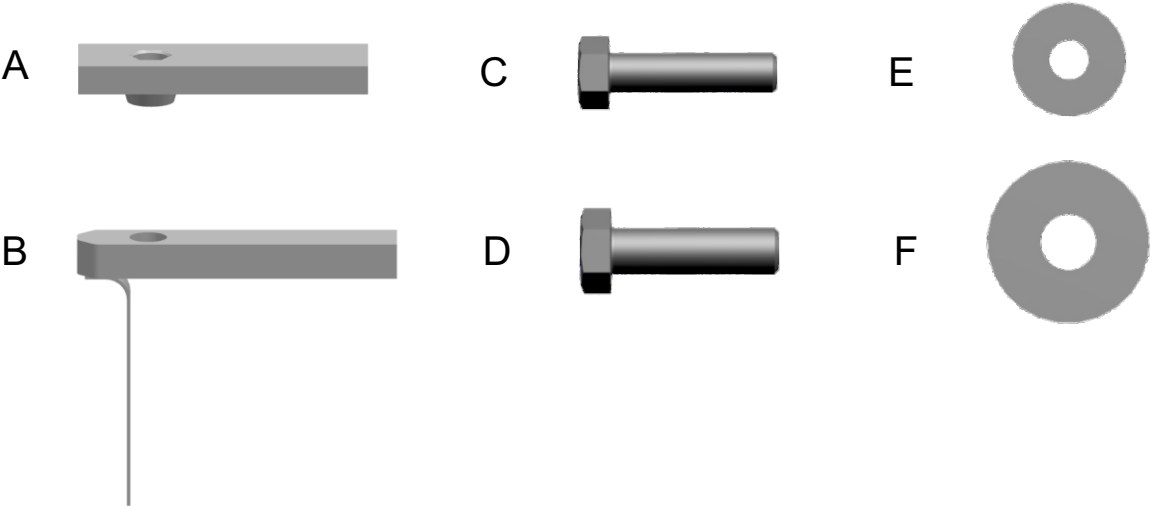
- * Basic tool kit
- * Torque wrench

TORQUE SETTING

- * M6 - 9 N·m (6.6 lb/ft)
- * M8 - 24 N·m (17.7 lb/ft)



1. Skid plate..... Qty 1



A. Insert nut M6x40x12.....	Qty 2
B. Insert nut with wire M6x45x8.....	Qty 2
C. Bolt M6x1x30.....	Qty 8
D. Bolt M8x1.25x30.....	Qty 2
E. Washer M6.....	Qty 8
F. Washer M8.....	Qty 10

SPARE PARTS



B. Insert nut with wire M6.....	Qty 2
G. Countersunk bolt M6x1x20.....	Qty 8

INSTALLATION PROCEDURE

RIVAL

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

Please, refer to page 7 for installation on 2.0L Bronco Sport and Maverick Tremor.

Installation on Ford Bronco Sport 1.5L.

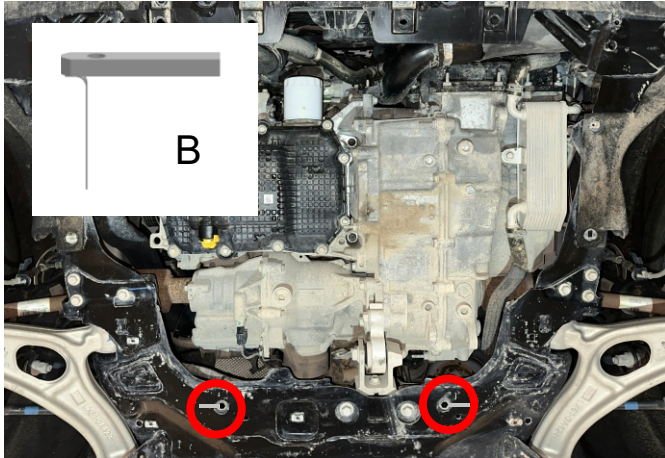


Fig. 1

1. Install M6 insert nuts with wire (item B) into pre-existing holes in subframe as shown in fig.1.



Fig. 2

2. Install M6 insert nuts (item A) into holes as shown in fig. 2.

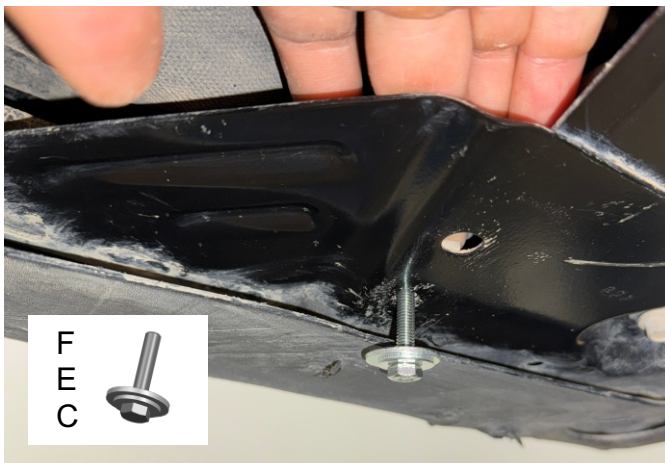


Fig. 3

3. Lightly insert supplied M6x30 bolts with M6 and M8 washers (items C, E, F) into M6 insert nuts from step 2 as shown in fig 3.

***Do not tighten yet.**

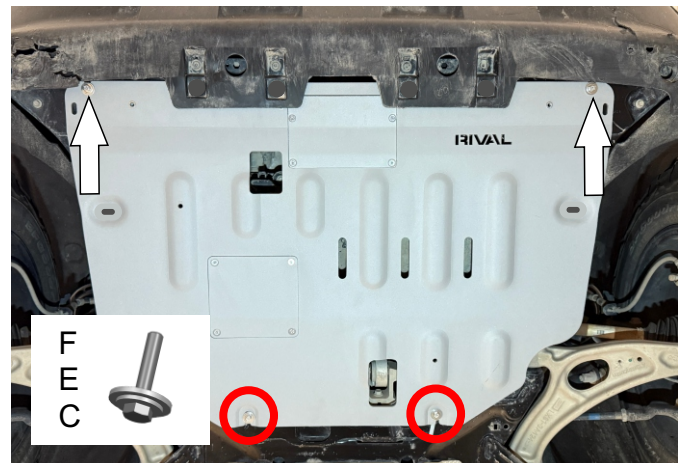


Fig. 4

4. Slide the front part of skid plate (item 1) under factory bumper on pre-installed M6x30 bolts from step 3. Secure the rear part of the skid plate using M6x30 bolts with M6 and M8 washers (items C, E, F) as shown in fig 4.

***Do not tighten yet.**

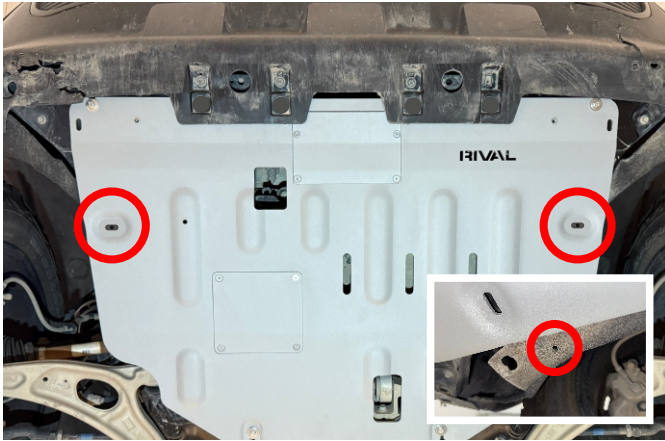


Fig. 5

5. Cut factory felt liners to allow for installation of supplied bolts on both sides of the vehicle as shown in fig. 5.

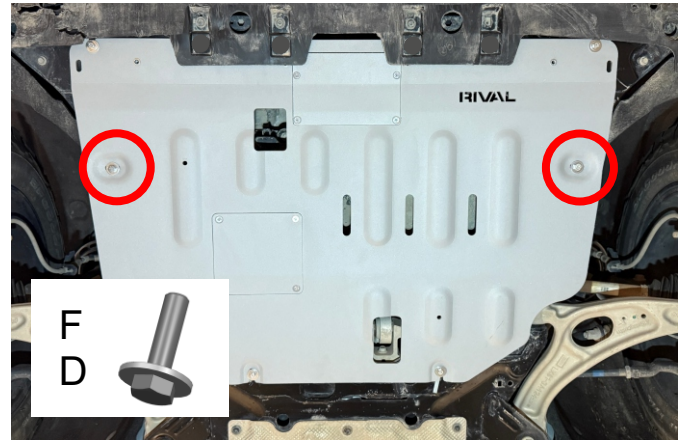


Fig. 6

6. Secure the middle part of skid plate using M8x30 bolts and M8 washers (items D, F) as shown in fig.6.

***Do not tighten yet.**

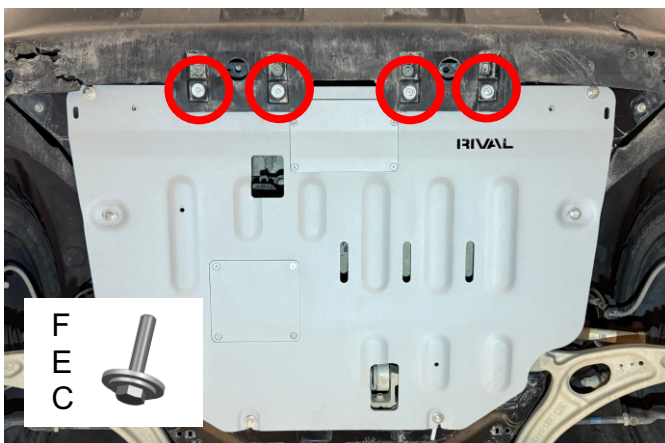


Fig. 7

7. Secure the skid plate to factory bumper using M6x30 bolts with M6 and M8 washers (items C, E, F).

***Once all bolts are loosely installed, check skid plate alignment and fully tighten all previously installed hardware.**

INSTALLATION PROCEDURE

RIVAL

Installation on Bronco Sport 2.0L and Maverick Tremor 2.0L.

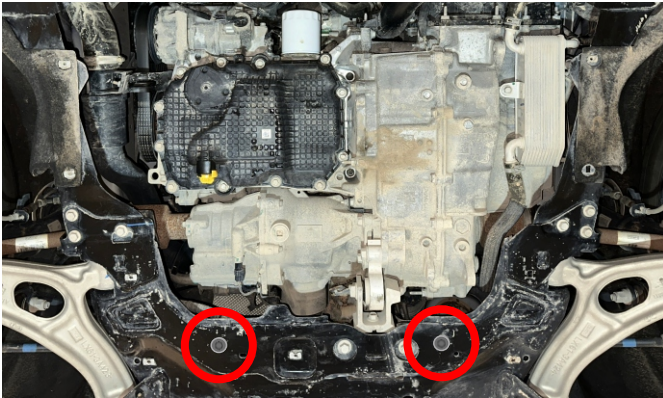


Fig. 1

1. Loosely insert factory bolts into factory threaded holes. (Fig. 1)

*** Do not tighten yet.**

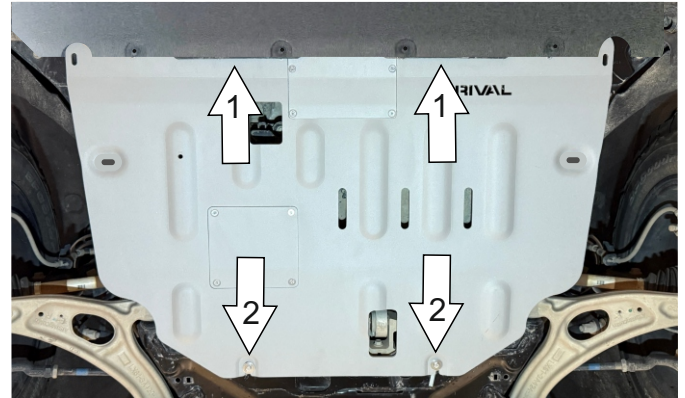


Fig. 2

2. Slide front part of skid plate under the bumper, then slide rear part of the skid plate back under previously installed factory bolts (Fig.2).

***Do not tighten yet.**



Fig. 3

3. Secure front part of the skid plate using factory bolts (Fig. 3).

*** Do not tighten yet.**

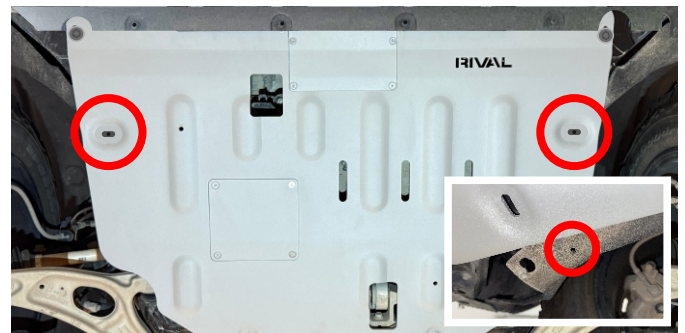


Fig. 4

4. Cut factory felt liners to install factory bolts on both sides of the vehicle as shown in fig. 4.



Fig. 5

5. Secure the middle part of skid plate using factory bolts as shown in fig.5.

*** Do not tighten yet.**

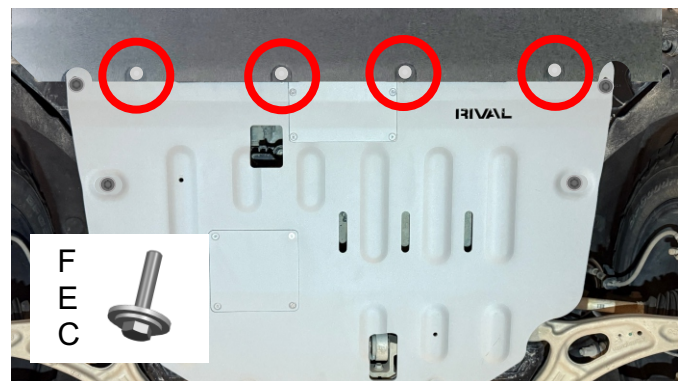


Fig. 6

6. Secure the skid plate to factory bumper using M6x30 bolts with M6 and M8 washers (items C, E, F).

***Once all bolts are loosely installed, check skid plate alignment and fully tighten all previously installed 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.

