

PRODUCT: ENGINE SKID PLATE

APPLICATION: SUBARU FORESTER (2018-2021; 2021-Present)
SUBARU FORESTER WILDERNESS (2021-Present)
SUBARU CROSSTREK/XV (2017-2020; 2022-Present)

PART NO: 2333.5446.1.6



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

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.

ENGINE SKID PLATE



Part number: 2333.5446.1.6

Suited to vehicle: Subaru Forester 2.5; AT; 4WD (2018-2021; 2021-Present)
Subaru Forester Wilderness 2.5; AT; 4WD (2021-Present)
Subaru Crosstrek/XV 2.0; AT; 4WD (2017-2020; 2022-Present)



Material: Aluminum

SAFETY NOTICE

- * The RIVAL 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 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 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.
- * We recommend using a funnel when changing the oil to prevent spills and ensure a clean process.

INSTALLATION NOTICE

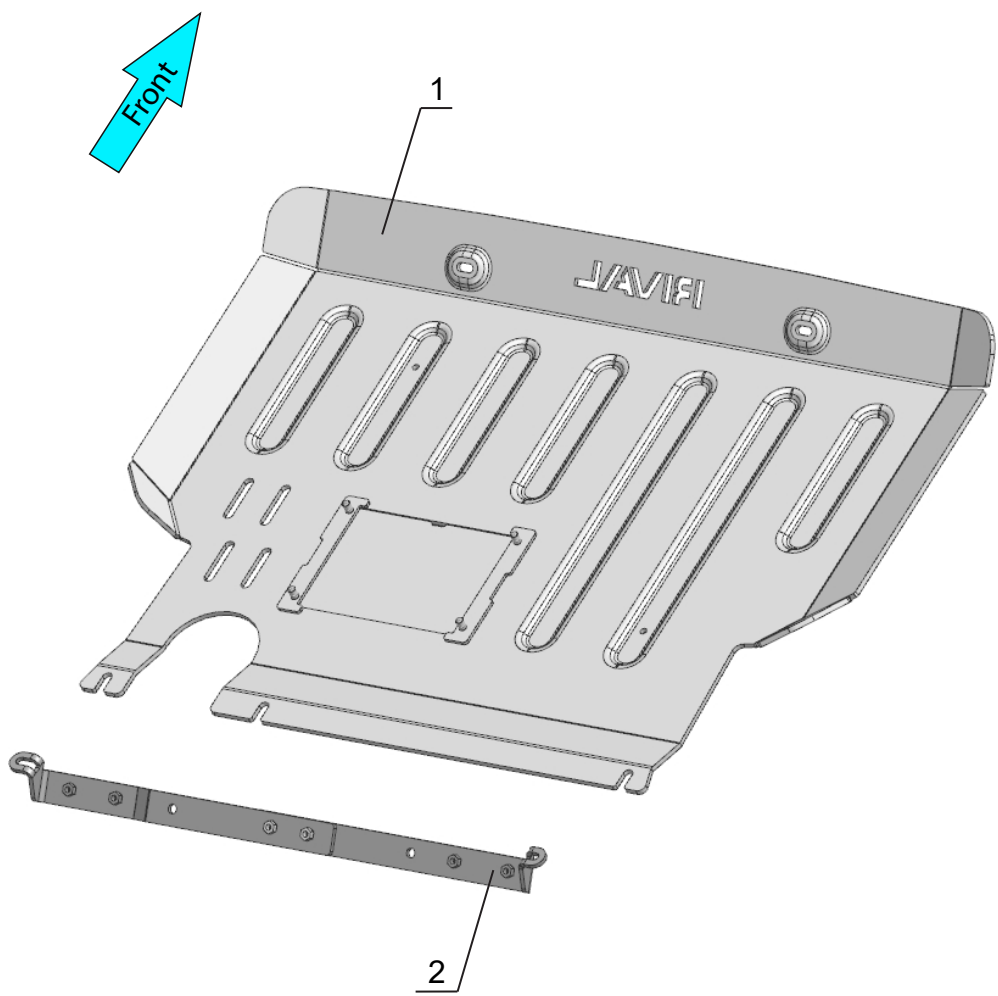
- * The RIVAL skid plate must be mounted and affixed to the vehicle according to this installation manual.
- * Personal safety during the installation process must be adhered to at all times.
- * Do not install this skid plate on vehicle models other than those allowed in this manual.
- * Estimated time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

REQUIRED TOOLS

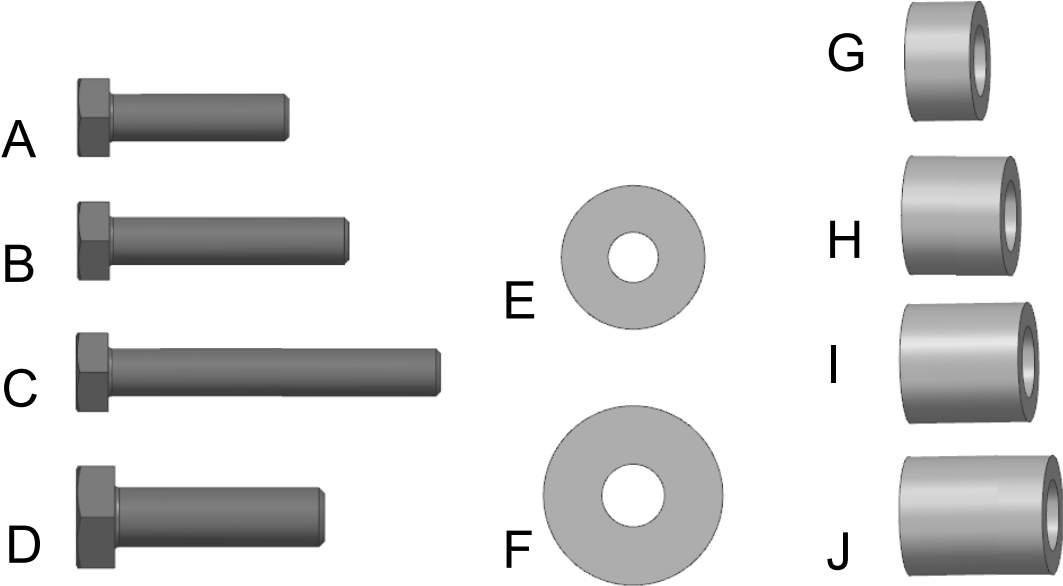
- * Basic tool kit
- * Torque wrench

TORQUE SETTING

- * M8 - 24 H·m (17.7 lb/ft)
- * M10 - 30 H·m (22.1 lb/ft)

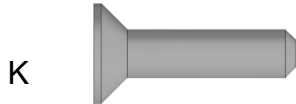


- 1. Skid plate.....Qty 1
- 2. Bracket.....Qty 1



A. Bolt M8x30.....	Qty 2
B. Bolt M8x40.....	Qty 2
C. Bolt M8x60.....	Qty 2
D. Bolt M10x1.25x35.....	Qty 3
E. Washer 8.....	Qty 2
F. Washer 10.....	Qty 3
G.Spacer 10.....	Qty 3
H.Spacer 14.....	Qty 2
I. Spacer 15.....	Qty 2
J. Spacer 17.....	Qty 2

SPARE PARTS



K. Countersunk screw M6x20.....	Qty 4
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INSTALLATION PROCEDURE



*RIVAL skid plate installs over the factory guard.

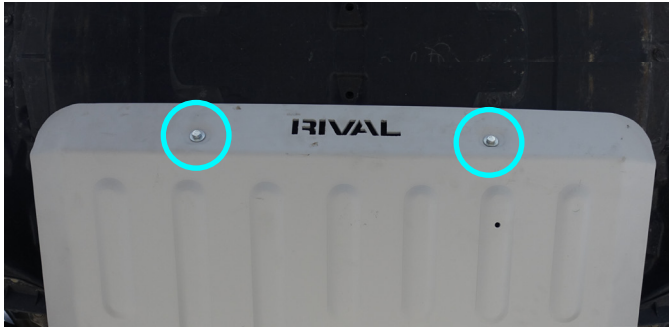


Fig. 1

1. Unscrew bolts on the RIVAL skid plate (item 1).

*Save the hardware for further use (step 9).



Fig. 2

2. Remove the bracket (item 2).

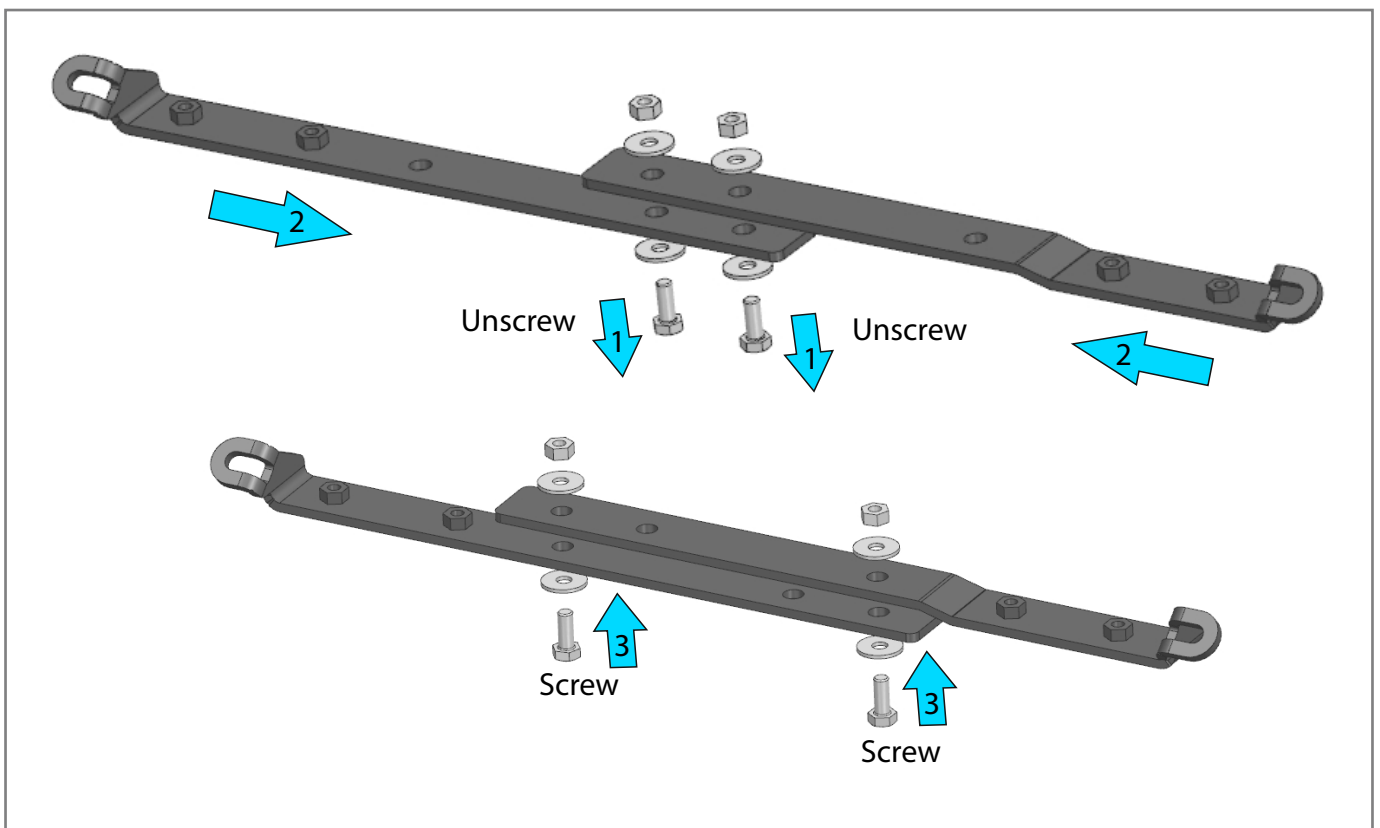


Fig. 3

3. Shorten the bracket (item 2) for **Subaru Crosstrek/XV** as shown in fig.3

*Tighten hardware after that.



Fig. 4

4. Unscrew factory bolts as shown in fig.4.
***Don't remove the factory skid plate.**



Fig. 5

5. Install the bracket (item 2) using the fittings that shown in table 1.
***Tighten hardware after that.**

Model	a. Spacer	b. Washer	c. Bolt	See items on Page 4
Forester (2021-Present)	—	8	M8x30	E,A
Forester (2018-2021) / Wilderness	14 mm	8	M8x40	H,E,B
Crosstrek/XV (2017-2020)	15 mm	8	M8x60	I,E,C
Crosstrek (2022-Present)	17 mm	8	M8x60	J,E,C

Table. 1

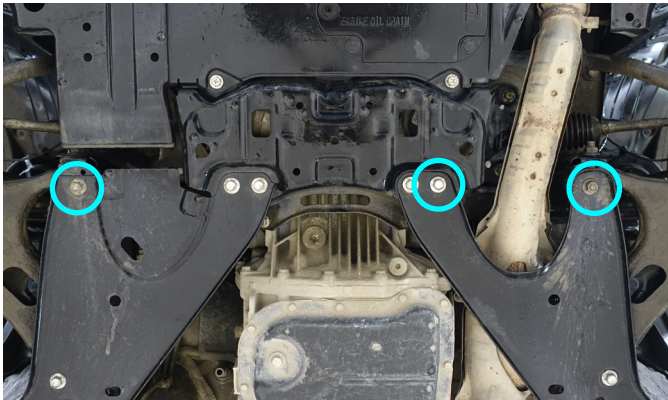


Fig. 6

6. Unscrew the factory bolts as shown in fig.6.

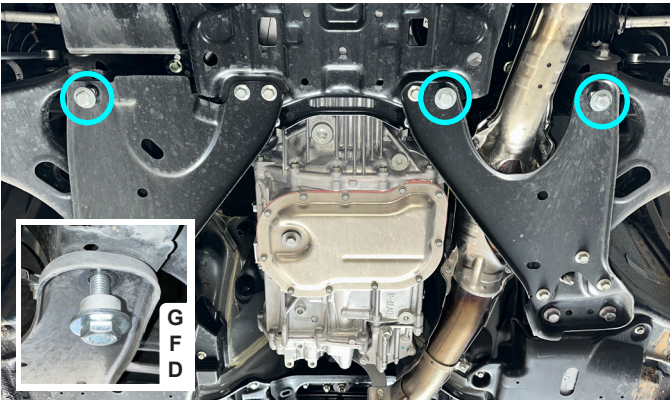


Fig. 7

7. Screw bolts M10x35, washers 10 and spacers 10 (item D,F,G) on 2-3 turns as shown in fig.7.
***Do not tighten yet.**



Fig. 8

8. Slide the engine skid plate (item 1) on the bolts M10x35 with washers 10 and spacers 10 (item D,F,G) as shown in fig. 8.

***Do not tighten yet.**

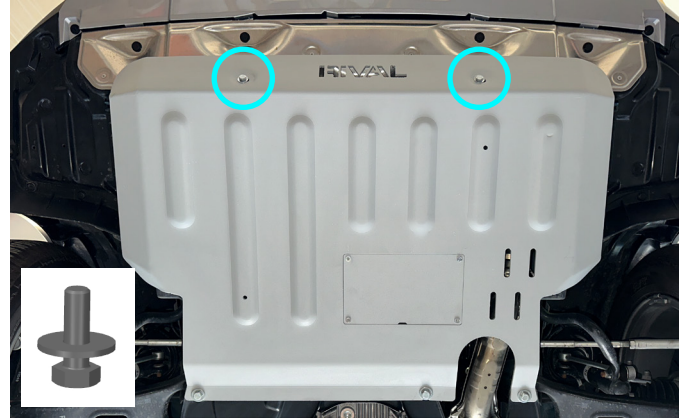


Fig. 9

9. Fix the front part of the engine skid plate using the bolts M8x20 and washers 8 from step 1.

***Tighten hardware after that.**

Before operating a vehicle fitted with RIVAL Skid Plate:

- make sure all fittings are tightened;
- ensure the integrity of the structure and its components.

