

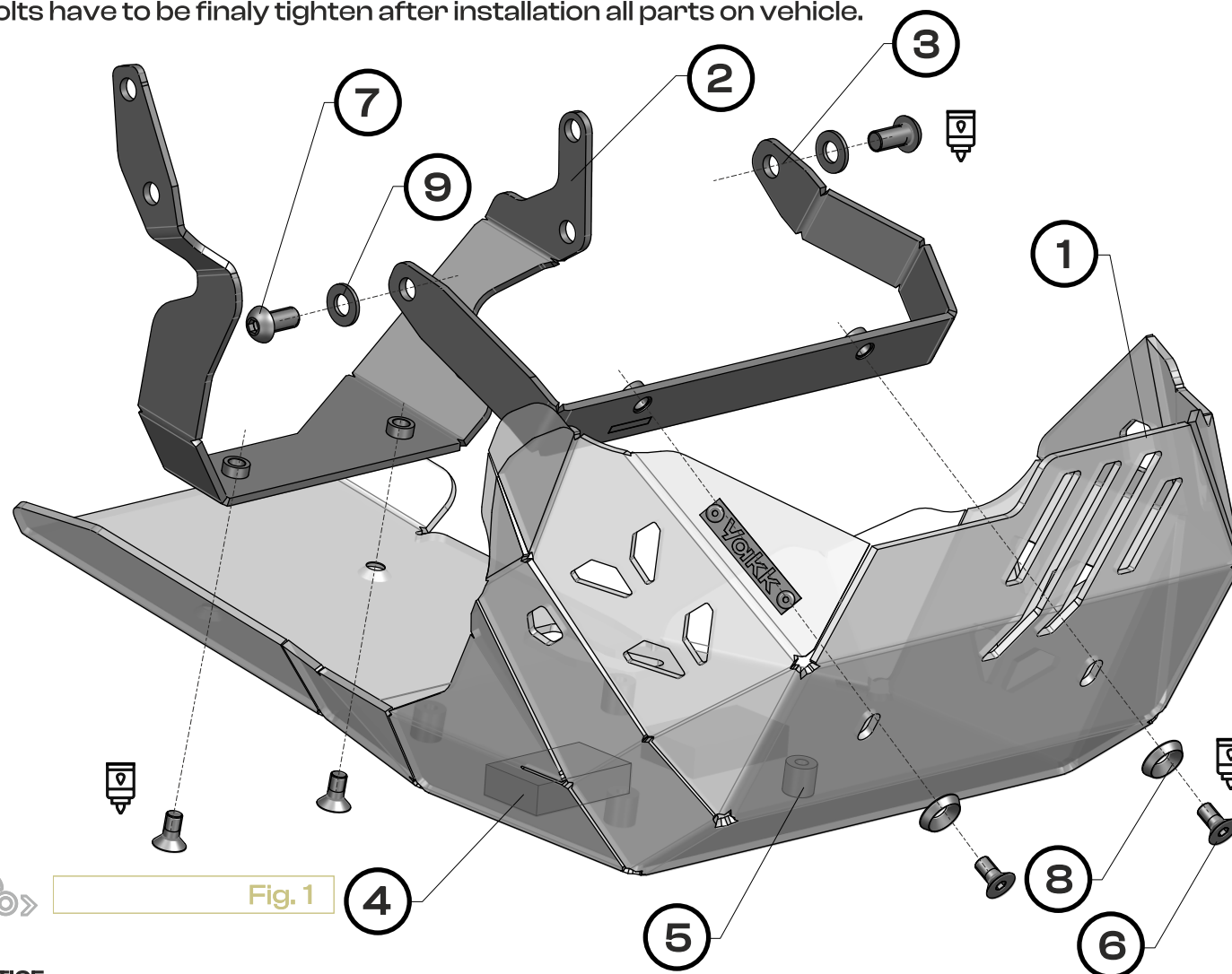
Read before installation.

Before installing the Yakk exp Skid plate remove the original engine cover.
All bolts have to be finally tighten after installation all parts on vehicle.

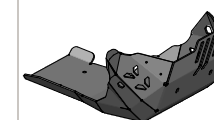
Full crash Skid plate

BMW F 450 GS

ID:3140722

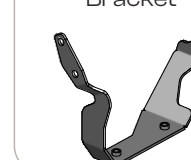


1 Engine guard



1x

2 Rear Bracket



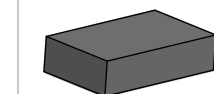
1x

3 Front Bracket



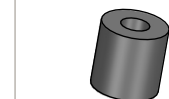
1x

4 Rubber Buffers



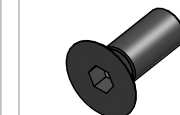
2x

5 Rubber Bumper



4x

6 Bolt



M8x16-DIN 7991 4x

7 Bolt



M10x20-DIN 7380 2x

8 Washer



M8-DIN 9081 2x

9 Washer



M10-DIN 125 2x

Fig. 1

NOTICE

The skid plate is designed for demanding off-road use and provides increased protection compared to the original equipment. Riding in challenging terrain, particularly when overcoming extreme obstacles, requires appropriate skills, experience, and proper assessment of the capabilities of the motorcycle and its protective components. Please note that no protective component can guarantee complete protection of the motorcycle against damage. Improper use, unforeseen events, exceptionally severe impacts, or contact with obstacles capable of causing permanent damage may exceed the product's protective capabilities and result in damage to the skid plate, engine, or other motorcycle components.

The manufacturer cannot be held responsible for damage resulting from loads exceeding the product's structural and protective capabilities.



one person



use a medium-strength



tighten with torque

OEM

Original Equipment Manufacturer



lubricate

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Read before installation.
All bolts have to be finally tighten after install

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1. Adhere the rubber buffers [4] to the Engine Guard [1] using the pre-applied adhesive tape, according to the dimensions shown in the drawing. [Fig. 1], [Fig. 2],

!!! Degrease the surface before attaching rubber buffers.

2. Remove the OEM engine guard by unscrewing the nuts located underneath. [Fig. 3], [Fig. 4]

3. Slide the Rubber Bumper [5] onto the protruding stud to protect the exposed thread. [Fig. 6]

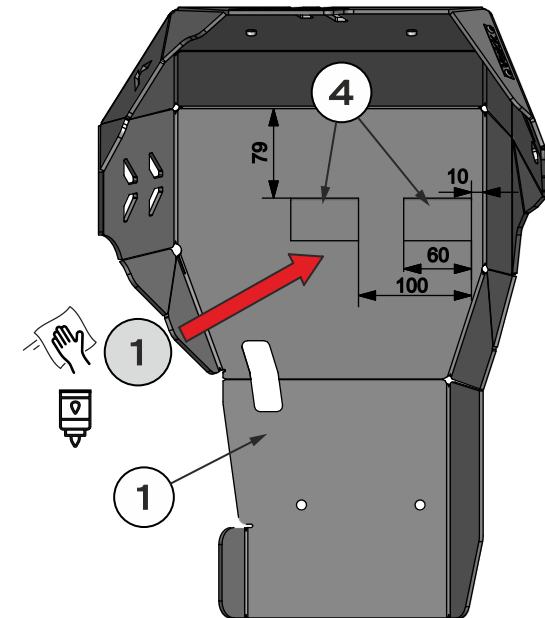


Fig. 2

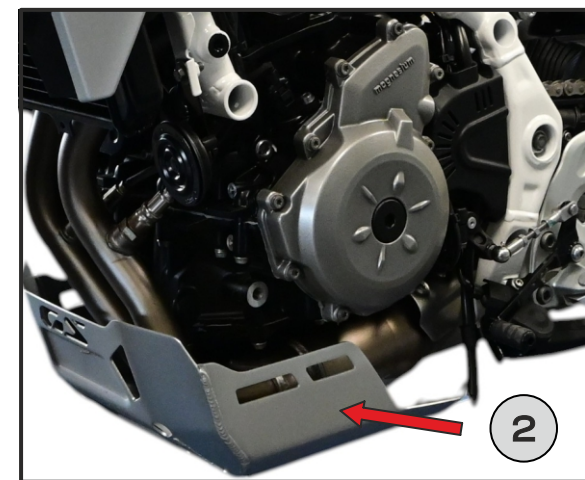
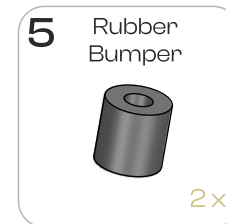
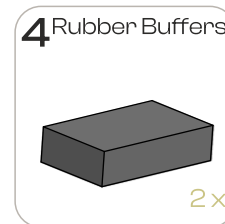
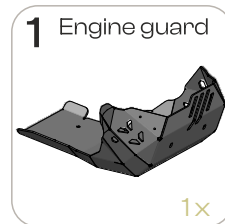


Fig. 3

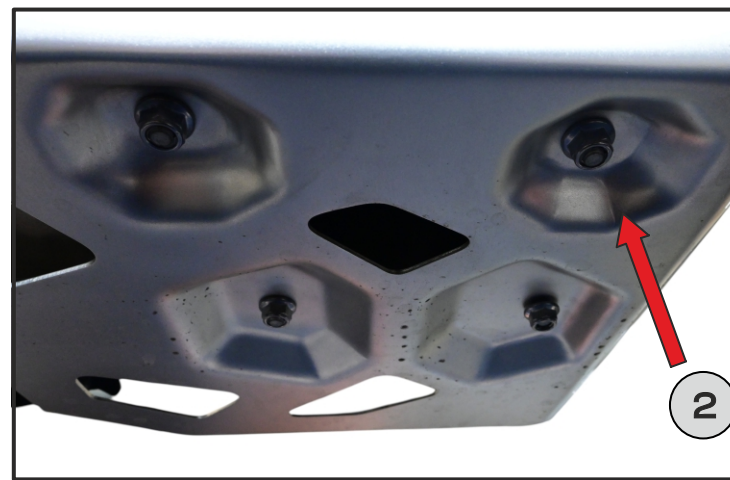


Fig. 4

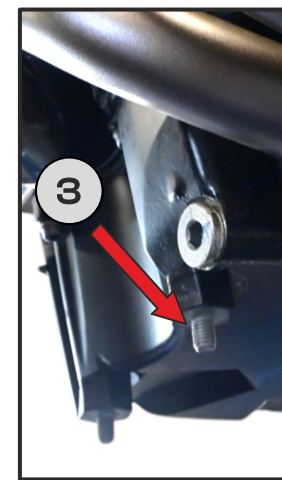


Fig. 5

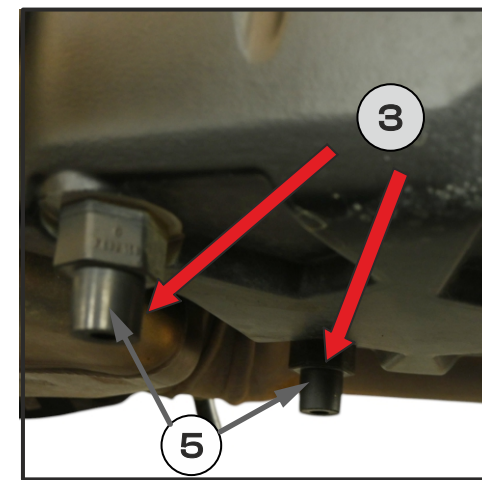


Fig. 6

 one person  use a medium-strength  tighten with torque

OEM Original Equipment Manufacturer

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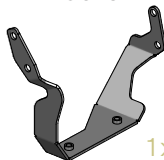


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2 Rear Bracket



4. Unscrew the bolts and remove the front footrest bracket.
Repeat this procedure on the opposite side of the motorcycle. **[Fig. 7], [Fig. 8]**
5. Install the Rear Bracket [2] and refasten it using the original bolts on both sides of the motorcycle **[Fig. 7], [Fig. 9]** Use a medium-strength threadlocker.

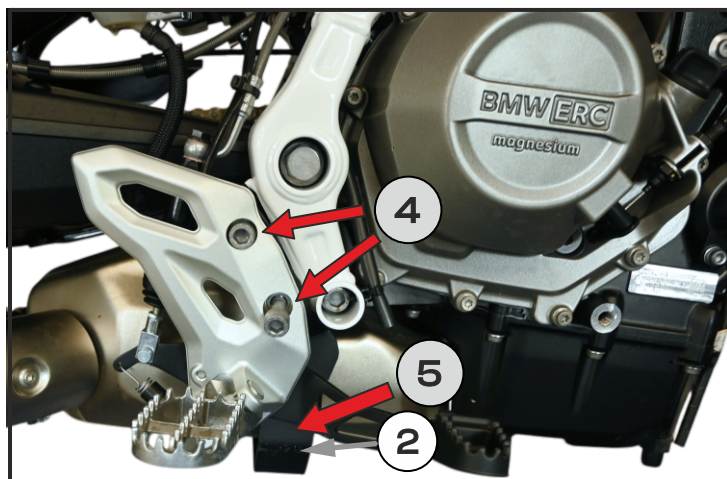


Fig. 7

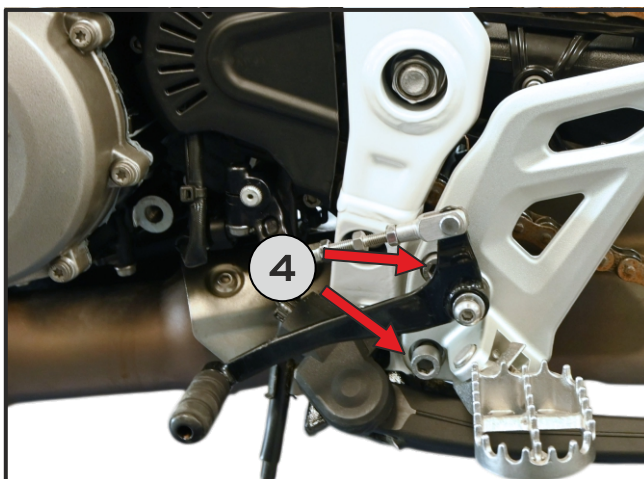


Fig. 8

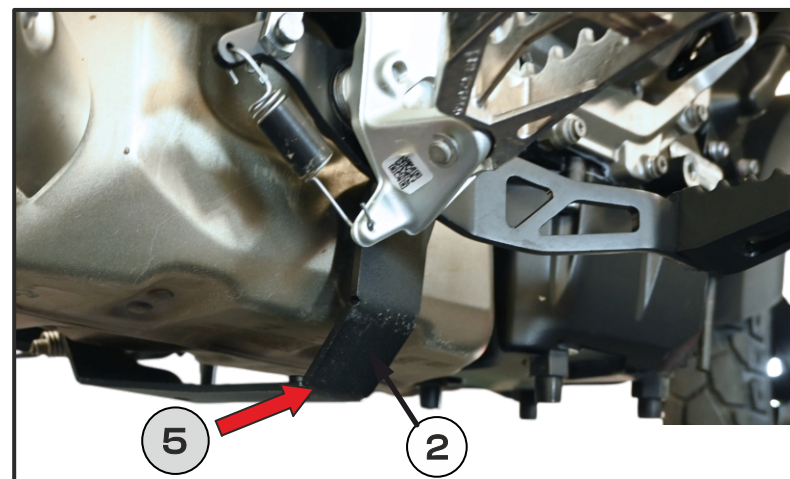


Fig. 9

6. Install and loosely fasten the Front Bracket [3] using bolts [7] and washers [9] on both sides of the motorcycle. **[Fig. 10], [Fig. 11]**

Use a medium-strength threadlocker.

3 Front Bracket



7 Bolt



9 Washer

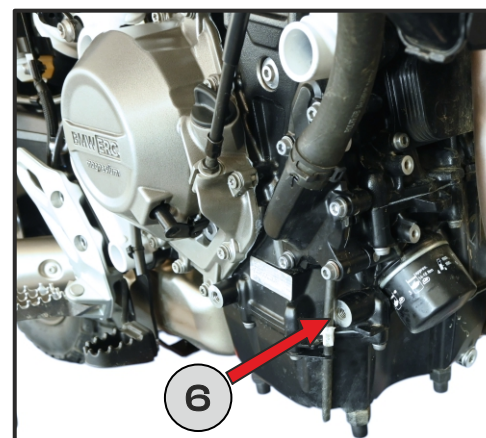


Fig. 10

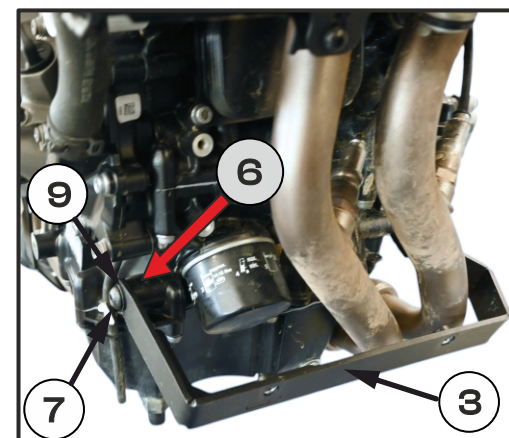


Fig. 11



one person



use a medium-strength



tighten with torque

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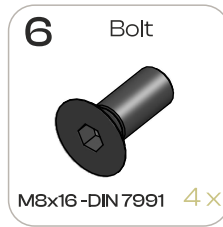
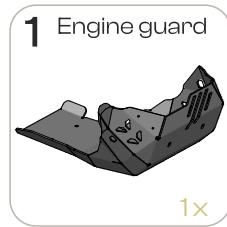
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7. Install and fasten the Engine Guard [1] at the front to the Front Bracket [3] using bolts [6] with washers [8]. **[Fig. 1], [Fig. 12]**
Use a medium-strength threadlocker.

8. Fasten the Engine Guard [1] at the rear to the Rear Bracket [2] using bolts [6]. **[Fig. 1], [Fig. 12]** Use a medium-strength threadlocker.

Tighten all bolts to the specified torque through the access holes.

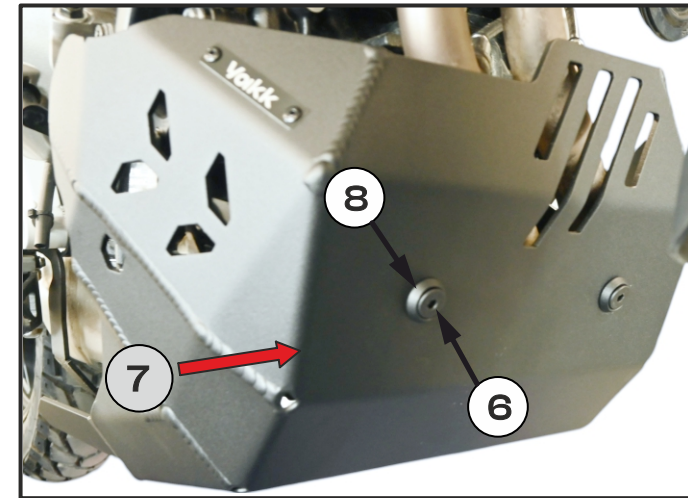


Fig.12

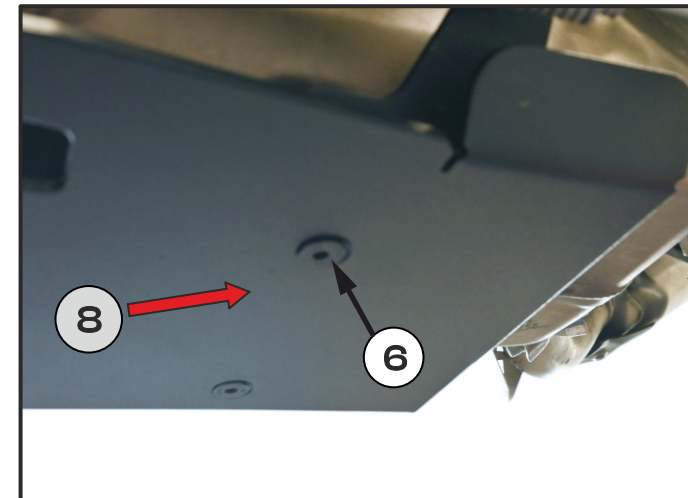


Fig.13

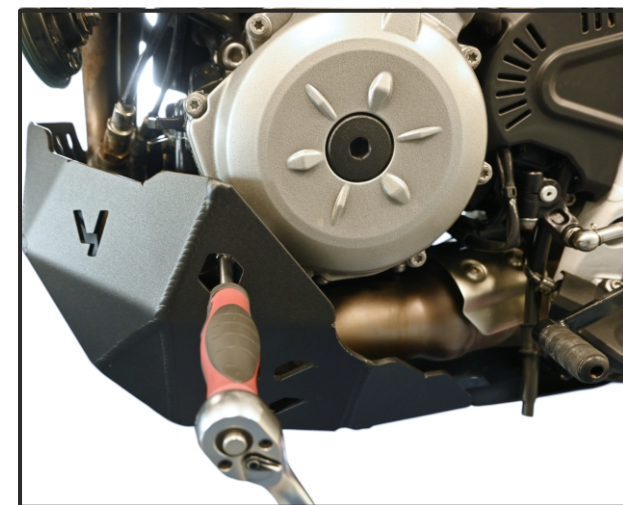


Fig.14

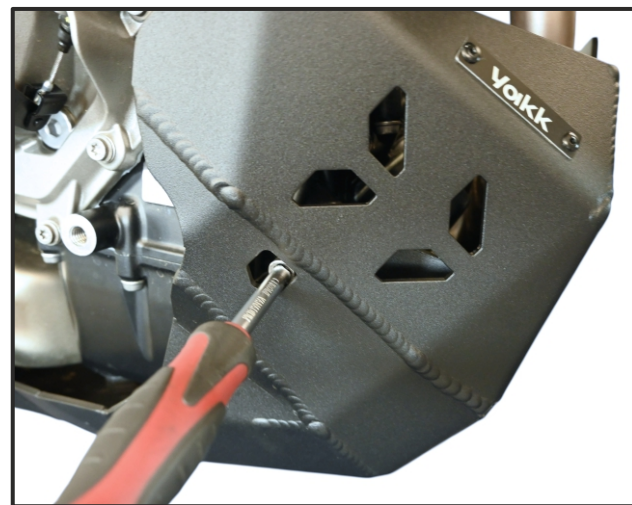


Fig.15

 one person  use a medium-strength  tighten with torque

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