

FX3D DESIGN 2017-2021 Mud Guards Instruction Manual

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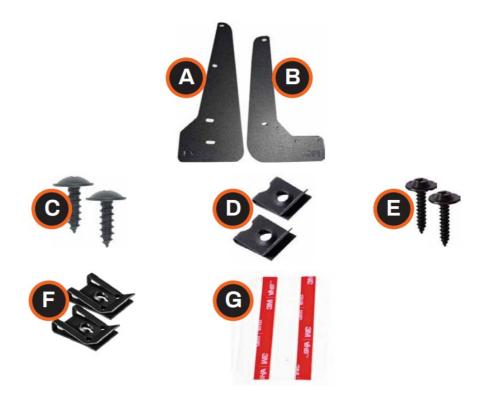


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PREPARING FOR INSTALLATION

What's in the package?



- A. Front mud guard (x2)
- B. Rear mud guard (x2)
- C. #10 x 1/2" (15mm) Truss head screw (x2)
- D. #10 u-nut (x2)
- E. #8 x 3/4" (19mm) self tapping screw (x2)
- F. #8 spring u-nut (x2)
- G. Strip of 3M VHB double sided tape (x2)

Required tools

- Phillips screwdriver or drill with Phillips head
- Push type fasteners removal tool or flat head screwdriver
- Degreaser agent (Ex: isopropylic alcohol, dish soap) and soft cloth
- · Car Jack
- · Wheel nuts removing socket and wrench
- · Heat gun or air dryer

FRONT MUD GUARDS INSTALL

Tips before the installation

- Our mud guards should be installed with the logo facing the rear of the car.
- They can be adjusted to poke out more or less depending on your personal preference.



A. Turn your vehicle's front wheels as much as possible to allow access to the fender liner screws/clips.

B. Remove the 3 Phillips head screws and the plastic clip indicated on the image. To remove the clip, push the middle pin completely and use the appropriate clip removing tool to pry it out of the fender.



- A. Pull on the fender liner to expose the fender tab.
- B. Grab one of the provided u-nut(D) and screw(C) that came in the front mud guards package.
- C. Slightly pry open the u-nut to facilitate the installation and avoid scratching the paint.
- D. Slide the u-nut on the fender tab making sure that the flat face is facing towards you.



- A. Grab the front mud flap (FX3D logo should be facing the rear of the car).
- B. Put one of the provided screw(C) through the upper hole and screw it into the fender liner as shown on the image.

Don't tighten all the way to allow for later adjustment.

- C. Install the 3 factory screws through the mud guard holes and into their original spot.
- D. Adjust the mud flap to the desired position and fully tighten all screws.
- E. Repeat steps 1 to 3 on the other side of the car.

We provide size #8 self tapping screws in order to provide a secure installation while not leaving a noticeable hole in the diffuser inner lip if you ever remove our mud guards. 3M VHB double sided tape can also be used instead.

REAR MUD GUARDS INSTALL

Tips before the installation

We provide size #8 self tapping screws in order to provide a secure installation while not leaving a noticeable hole in the diffuser inner lip if you ever remove our mud guards. 3M VHB double sided tape can also be used instead.



- A. Jack you car up so you can remove the rear wheel and gain access to the bumper inner lip.
- B. Remove the lower factory screw using a Phillips screwdriver.
- C. Grab the rear mud flap (FX3D logo should be facing the rear of the car).
- D. Put the factory screw through the upper hole and screw it back into the bumper as shown on the image. Don't tighten fully to allow the mud guard to rotate freely.



A. Rotate the mud guard to align the lower hole with the middle of the diffuser inner lip. B. Mark the spot with a marker pen.



A. Grab one supplied spring u-nut(F) and slightly pry it open to ease installation.

B. Slide it on the diffuser inner lip making sure that the flat face is facing towards you and that the hole is sitting in the middle of the marked spot.



- A. Align the lower hole of the mud guard with the u-nut.
- B. Using a screwdriver or an electric drill, screw one of the provided self-tapping screws(E) into the bottom hole of the mud guard and through the u-nut and diffuser lip.

Don't tighten all the way to allow for later adjustment.

- C. Adjust the mud flap to the desired position and fully tighten both screws.
- D. Repeat steps 1 to 4 on the other side of the car.

ATTENTION

We recommend installing the rear mud guards using the provided u-nuts and screws for a sturdier installation. Nevertheless, you can use the provided 3M VHB double sided tape if you prefer not to drill into the factory diffuser lip.

In that case, skip steps 3 and 4.

IMPORTANT

Clean the diffuser inner lip AND the mud guard with a degreaser agent (ex: rubbing alchol) using a clean microfiber.

3M VHB DOUBLE SIDED TAPE

needs to sit at least 24h in order to acheive perfect adhesion.



https://shop.fx3ddesign.com info@fx3ddesign.com

Documents / Resources



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References

- ► FX3D Design | 3D Printed Mud Guards Carbon Fiber
- User Manual

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