



## FX3D DESIGN FL5 2022-2024 Mud Guards and Mesh Combo Installation Guide

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### FX3D DESIGN FL5 2022-2024 Mud Guards and Mesh Combo



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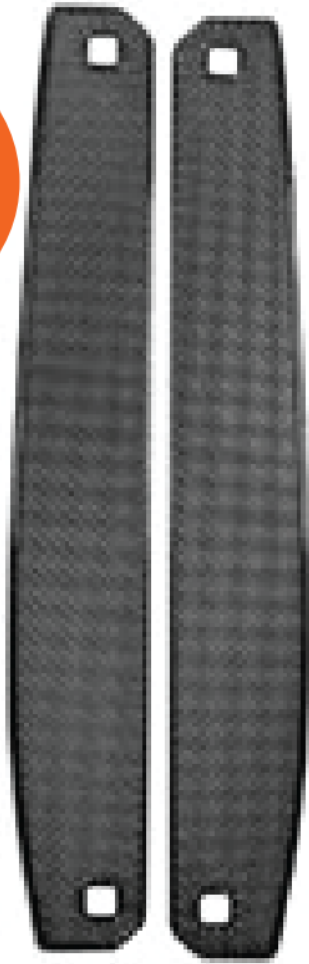
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## What's in the package?

- **A.** Front mud guard (x2)
- **B.** Rear mud guard (x2)



- **C.** Fender vent mesh (x2)



- **D.** 8mm plastic push type fastener (x4)



- **E.** 1/16" (1.75mm) thick plastic washer (x8)



- **F.** #8 x 1" (25mm) Phillips flat head screw (x2)



- **G.** 3/16" (5mm) thick plastic spacer (x2)



- **H.** Strip of 3M VHB double sided tape (x4)



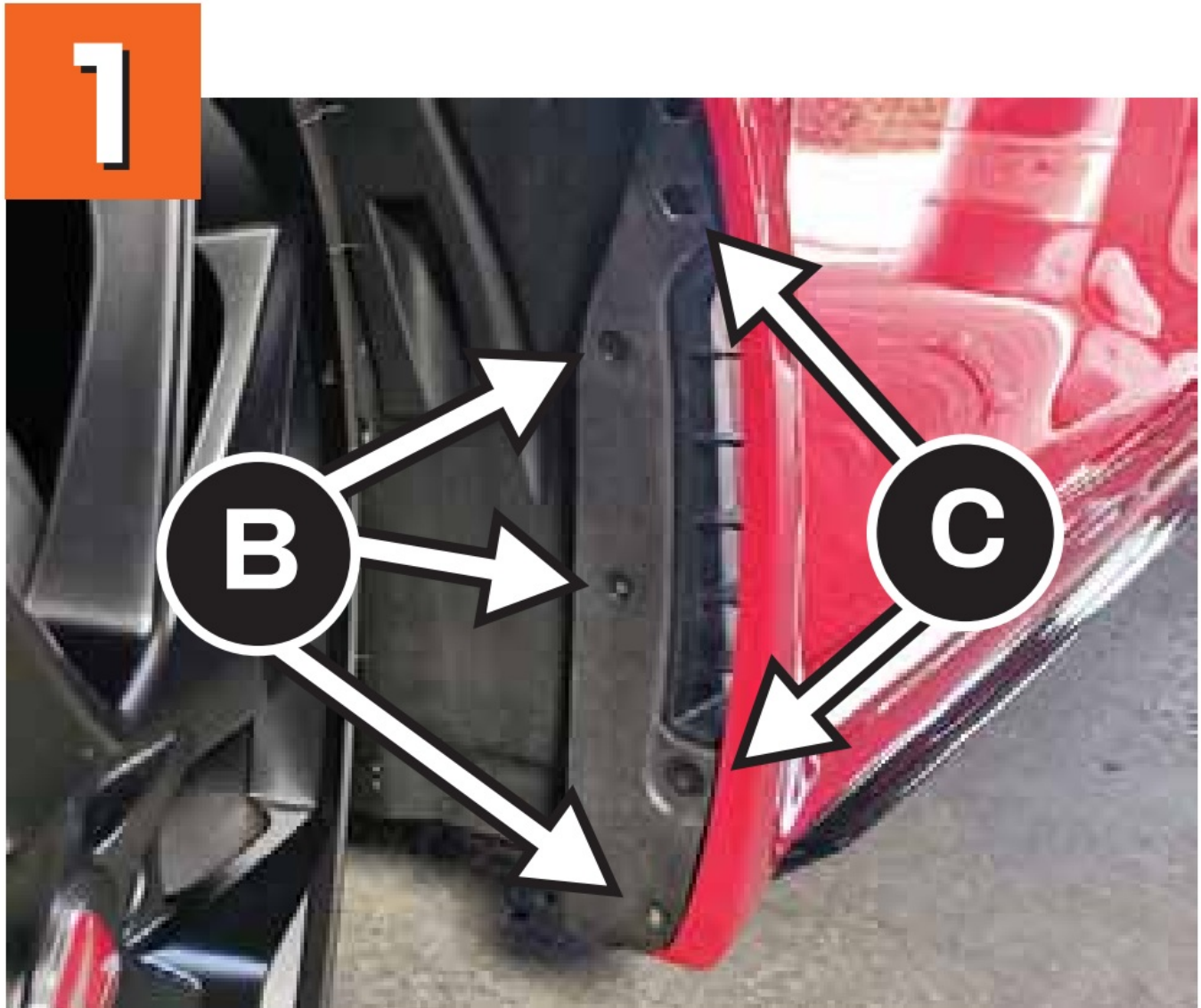
## Required tools

- Phillips screwdriver or electric drill
- Push type fasteners removal tool or flat head screwdriver
- Heat gun or air-dryer
- Degreaser agent (rubbing or isopropyl alcohol)

- Car Jack
- Wheel nuts removing socket and wrench

### Tips before the installation

- Our mud guards should be installed with the logo facing the rear of the car.
- The factory push type fasteners can be difficult to remove without breaking them. Don't worry too much as we provide replacements.

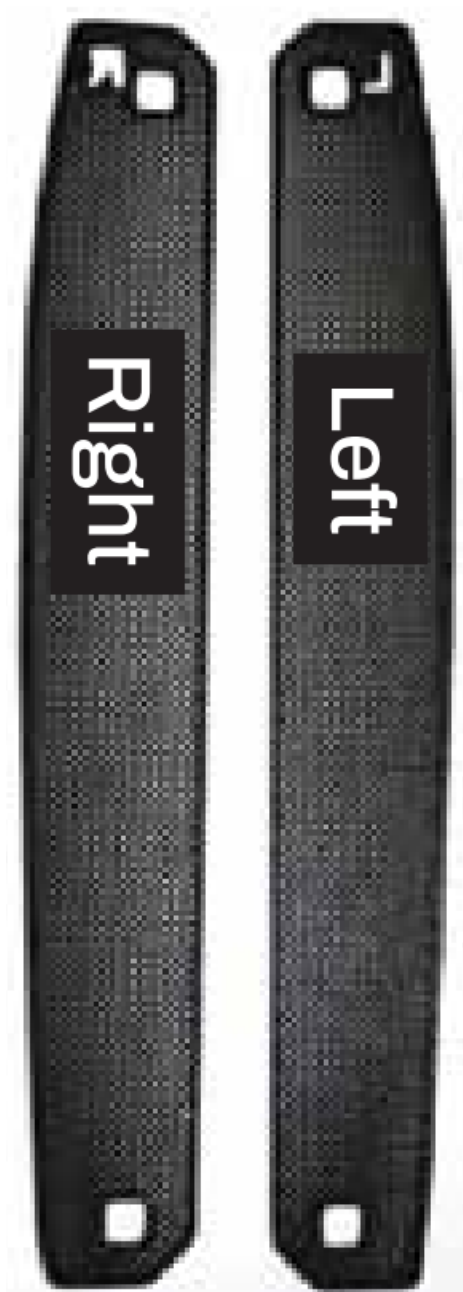


- A.** Turn your vehicle's front wheels as much as possible to allow access to the factory fender liner screws and push clips shown on the image above.
- B.** Unscrew the 3 screws with a Phillips screwdriver.
- C.** Using a push type fastener removal tool or a flat head screwdriver, remove both plastic clips.
- D.** Grab one of the fender vent meshes. They are identified with a letter corresponding to the side they must be installed. "L" is for left(driver side) and "R" is for right(passenger side).
- E.** Gently pull on the fender liner to allow room to install the fender vent mesh.

# 2



**A.** Align both holes with the fender tab holes and squeeze the taller edge of the mesh into the fender inner lip. The mesh has a taller curved edge on one side. This edge must be facing the rear of the car and oriented towards the fender side. See image for orientation.



**C.** Install the 2 provided 8mm push type plastic fasteners(D).

**D.** Fully tighten the upper screw that was removed earlier (shown on image above).



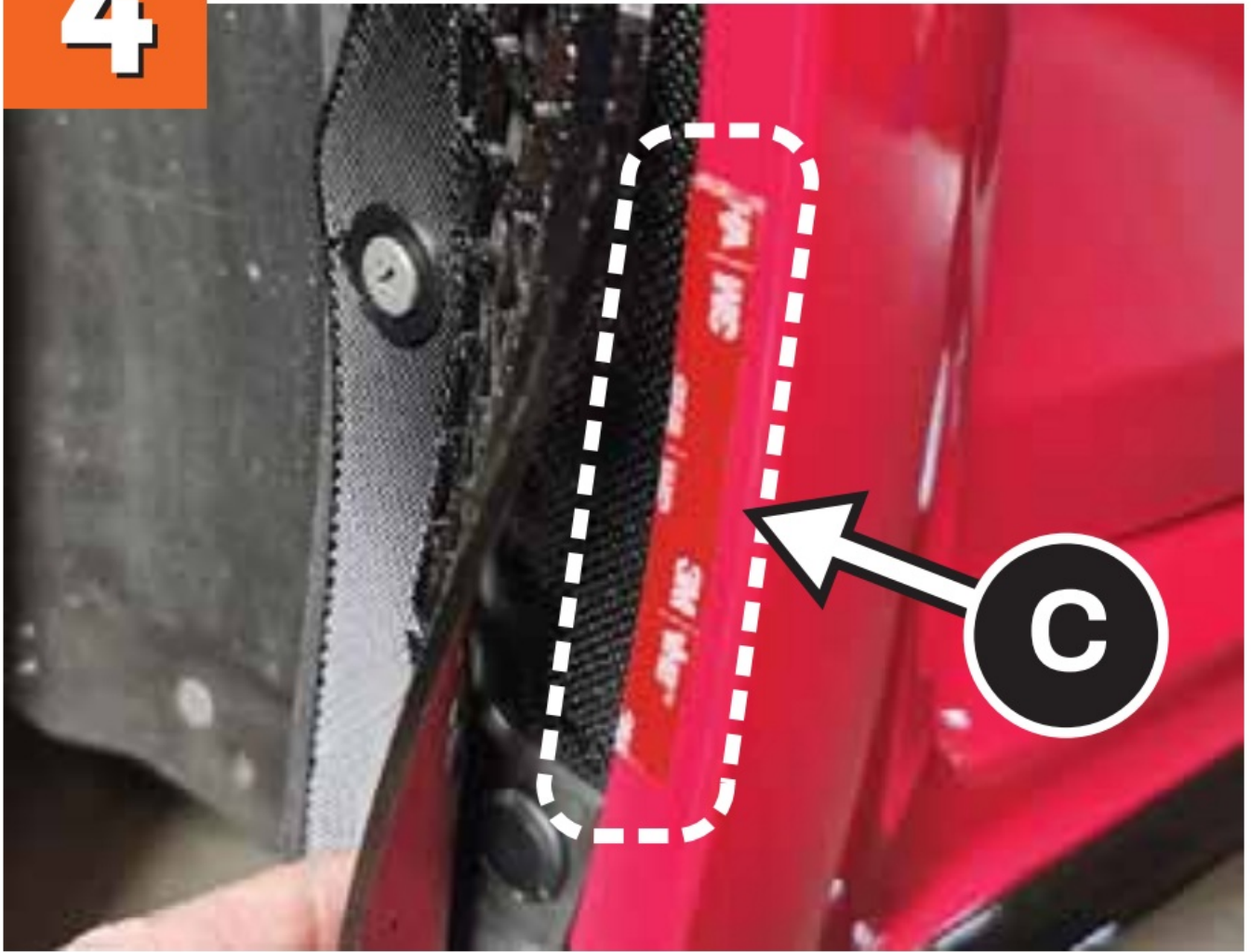
# 3



- A.** Grab the front mud flap (FX3D logo should be facing the rear of the car).
- B.** Place one of the provided washers(E) through both factory screws and insert the screws through the mud guard slotted holes. The head of the screws should be resting on the opposite side of the FX3D logo.
- C.** Screw both screws into the fender liner to secure the mud guard in place. Don't fully tighten to allow for later adjustment.
- D.** Move the mud guard from side to side to the desired position.
- E.** Once you're satisfied, tighten the 2 screws to secure the mud guard in place. Don't over tighten.



4



**IMPORTANT**

- A.** Clean the fender inner lip AND the mud guard with a degreaser agent (ex: rubbing alcohol) using a clean microfiber.
  - B.** Using a heat gun or air-dryer, warm the fender up to ensure proper adhesion of the tape.
  - C.** Place one of the provided strip of 3M VHB double sided tape on the fender inner lip; vertically aligned to the upper section of the mud guard.
  - D.** Remove the tape's backing. Heat up both surfaces.
  - E.** Apply a good amount of pressure on the mud flap.
- 3M VHB DOUBLE SIDED TAPE needs to sit at least 24h in order to achieve perfect adhesion.
- F.** Repeat steps 1 to 4 on the other side of the vehicle.

1



- A. Jack your car up so you can remove the rear wheel and gain access to the bumper inner lip. If you have a small enough screwdriver, this step is not required.
- B. Remove the 2 screws shown on the image above.
- C. Grab the rear mud flap (FX3D logo should be facing the rear of the car).
- D. Place one of the provided washers(E) through one of the factory screws and into the upper slotted hole of the mud guard.
- E. Screw it into the upper hole on the bumper inner lip. Don't tighten completely.

#### Tips before the installation

- A. Rotate the mud guard to expose the bumper inner lip.
- IMPORTANT**
- B. Clean the bumper inner lip with a degreaser agent (ex: rubbing alcohol) using a clean microfiber.
  - C. Using a heat gun or air-dryer, warm the bumper up to ensure proper adhesion of the tape.
  - D. Place one of the provided strip of 3M VHB double sided tape at the lower extremity of the bumper inner lip. Apply a good amount of pressure on the tape. Don't remove the backing yet.
  - D. Place one of the provided washers(E) through the second factory screw and into the lower slotted hole of the mud guard.
  - E. Screw it into the lower hole on the bumper inner lip. Don't tighten completely.

#### Tips before the installation

- A. Move the mud guard from side to side to the desired position.
- B. Once you are satisfied with the positioning, you can fully tighten the 2 factory screws. Don't over tighten.
- C. Once again, clean the surface of the mud guard that will be in contact with the tape using a degreaser agent.
- D. Remove the tape's backing and apply some more heat on both the tape and the mud flap.

E. Apply some pressure on the inside of the mud flap so it adheres properly.  
3M VHB DOUBLE SIDED TAPE needs to sit at least 24h in order to achieve perfect adhesion.

4



- A. Grab one of the provided 1" (25mm) Phillips flat head screw (F) and one of the 3/16" (5mm) spacer(G).
- B. Using an electric drill or a screwdriver, screw it through the bottom slotted hole of the flap and into the fender liner. Place the spacer between the mud guard and the liner. Don't over tighten.
- C. Repeat steps 1 to 4 on the other side of the vehicle.

## Customer Support


<https://shop.fx3ddesign.com>

Questions?

[info@fx3ddesign.com](mailto:info@fx3ddesign.com)

Logo

## Documents / Resources

	<p><a href="#">FX3D DESIGN FL5 2022-2024 Mud Guards and Mesh Combo</a> [pdf] Installation Guide FL5 2022-2024 Mud Guards and Mesh Combo, FL5 2022-2024, Mud Guards and Mesh Combo, Guards and Mesh Combo, Mesh Combo, Combo</p>
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## References

-  [FX3D Design | 3D Printed Mud Guards Carbon Fiber](#)
- [User Manual](#)

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