

# INSTALLATION GUIDE

Toyota GR86 / Subaru BRZ (2022+)

## ROCK GUARDS



## Before you start

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Thank you for choosing **FX3D Design Rock Guards**.

This guide will walk you through the installation process step by step.

The installation is straightforward and requires **no drilling or permanent modification** to your vehicle.

**Estimated installation time:** 30–45 minutes

**Difficulty level:** Easy to moderate (basic hand tools required)

Tip: Take a few minutes to read the full guide before starting. It will make the installation smoother and faster.

## What's in the package

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- A.** Front rock guards (x2)
- B.** Rear rock guards (x2)
- C.** #8 x 3/4" (19 mm) Phillips flat head screw (x8)
- D.** 3/16" (4.5 mm) thick plastic spacer (x2)
- E.** Rubber screw grommets (x8)
- F.** Stainless spring U-nuts (x6)
- G.** 9 mm plastic push-type fasteners (x2)
- H.** Rear brackets (x2)



## Required tools

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- Phillips screwdriver
- Push-type fastener removal tool or flat-head screwdriver
- Car Jack



## Step 1 - Access the Fender Liner

- A.** Turn the front wheels as far as possible to gain access to the inner fender liner.
- B.** Remove the four factory push-type clips securing the fender liner using a fastener removal tool or a flat-head screwdriver.



## Step 2 - Install Rubber Grommets

- A.** Take four rubber screw grommets (E).
- B.** Using a Phillips screwdriver, insert one grommet into each of the four exposed holes in the fender liner.

Tip: Push firmly while turning the screwdriver to fully seat the grommets.



## Step 3 - Mount the Front Rock Guard

- A.** Position the front rock guard with the FX3D logo facing the rear of the vehicle.
- B.** Insert the provided screws (C) through the four slotted holes of the rock guard. The screw heads should rest on the opposite side of the FX3D logo.
- C.** Install one plastic spacer (D) on the second screw from the bottom, placing it between the rock guard and the fender liner. The wider face of the spacer must sit against the rock guard.
- D.** Thread the four screws into the previously installed rubber grommets, but do not fully tighten yet.



## Step 4 - Final Adjustment

- A.** Adjust the position of the rock guard until it is aligned to your preference.
- B.** Once satisfied, tighten all screws securely.
- C.** Repeat steps 1 through 4 on the opposite side of the vehicle.



## Step 1 - Prepare the Vehicle

- A.** Using a car jack, raise the rear of the vehicle to gain access to the inner bumper lip.
- B.** Remove the factory push-type fastener located underneath the rear diffuser.



## Step 2 - Install the Rear Bracket

- A.** Take the rear rock guard and ensure the FX3D logo is facing the rear of the vehicle.
- B.** Select the rear bracket (H) that matches the side of the vehicle you are working on. **Each rear bracket is marked with an "L" (Left) or "R" (Right) to indicate the corresponding side of the car.**
- C.** From the back side of the rock guard (side without the logo), slide the corresponding L-shaped rear bracket (H) through the bottom slotted hole.

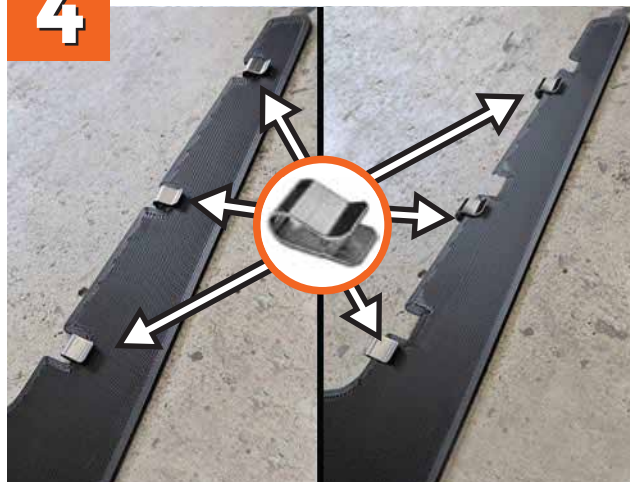
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## Step 3 - Secure the Rear Rock Guard

- A.** Align the rock guard with the bumper and line up the lower bracket with the factory mounting hole.
- B.** Reinstall the provided push-type fastener (G) through the bracket and diffuser to secure the assembly.

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## Step 4 - Install Spring U-Nuts

- A.** Install three stainless spring U-nuts (F) onto the rear rock guard. Make sure the curved side of each U-nut faces toward the inside of the wheel well.

The U-nuts can be positioned in the three indentations of the rock guard. If you prefer the rear rock guards to extend outward slightly more, position the U-nuts just below or above the indentations, closer to the outer edge.

- B.** Carefully slide each U-nut behind the bumper inner lip to hold the rock guard in place.
- C.** Adjust the position of the rock guard as needed.
- D.** Repeat steps 1 through 4 on the opposite side of the vehicle.

Your FX3D Design Rock Guards are now installed and ready to protect your vehicle!

Questions or need assistance?  
Visit [www.fx3ddesign.com](http://www.fx3ddesign.com) or contact [info@fx3ddesign.com](mailto:info@fx3ddesign.com)