

# VERUS ENGINEERING

## Throttle Pedal Spacer – 2023+ Toyota GR Corolla (GZEA14H) Install Manual



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### Document Revisions

Rev	Date	Author	Description
01	2024/5/9	C. Warner	Initial release of install manual

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Throttle Pedal Spacer, 2023+ Toyota GR Corolla – Install Manual

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## Throttle Pedal Spacer, 2023+ Toyota GR Corolla – Install Manual

### 1. Introduction

**1.1. Overview:** Detailed instructions on installing the Verus Engineering Throttle Pedal Spacer for the GR Corolla.

**1.2. Difficulty:** Easy

**1.3. Time Required:** 30 minutes

**1.4. Tools Needed:**

**1.4.1.** 10mm Socket

**1.4.2.** Ratchet

**1.4.3.** Ratchet Extension



### 1.5. Pitch Stop Brace Components

**1.5.1.** (1) Anodized Throttle Pedal Spacer

**1.5.2.** (1) Hardware Bag

**1.5.2.1.** (1) M6x1.0, 25mm Long Hex Head Cap Screw (HHCS), Stainless

**1.5.2.2.** (2) M6x1.0, 40mm Long HHCS, Stainless

**1.5.2.3.** (3) M6x1.0, Flanged Nyloc Nut, Stainless



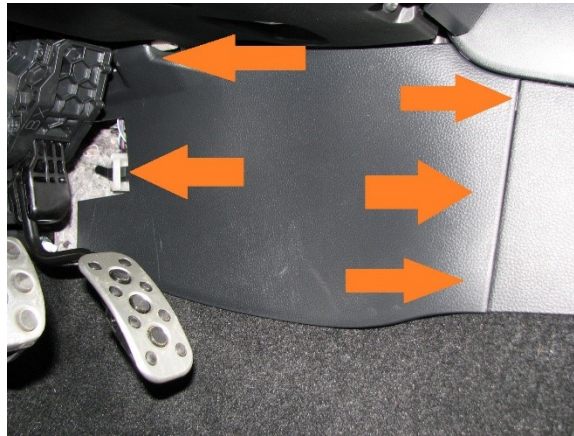
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## Throttle Pedal Spacer, 2023+ Toyota GR Corolla – Install Manual

**2. GR Corolla Throttle Pedal Spacer Install**

- 2.1. Verus Engineering is not responsible for damage to you or your vehicle by following this manual and/or installing Verus Engineering products.
- 2.2. We begin by gaining access the driver side footwell.
- 2.3. First, we need to remove center console cover on the right side of the footwell. Do so by gently and firmly pulling the right side of panel towards you to release the three clips, then move it towards the driver seat to remove the left side tang, and finally move it slightly towards the front of the car to release the final mounting point. These locations are marked below with orange arrows.

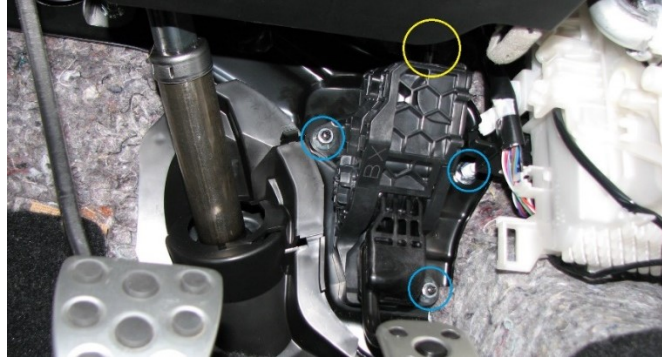


- 2.4. After the cover is removed, we need to remove the throttle pedal assembly from the car. To do this, you will need to remove the three 10mm nuts (blue circles) holding the pedal assembly to the firewall and the connector (yellow circle) on the top side. **Note: We found that removing the nuts first and pulling the pedal assembly down a small amount makes it easier to remove the connector.**

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- 2.5. Before installing the pedal spacer on car, install the hex head caps screws as shown below. The two orange circles indicate where the 40mm screws go and the purple circle is where the 25mm screw goes. **Note: The screws will be a tight fit, so you might have to wiggle them around or install at a slight angle to get it in. The backside of the pedal spacer is slotted to hold these bolts in place for installation and these slots are also used for height adjustment later on in the install.**



- 2.6. Using the supplied nyloc nuts, install the pedal spacer on the firewall using the factory studs as shown below. Torque to 6 ft-lbs.



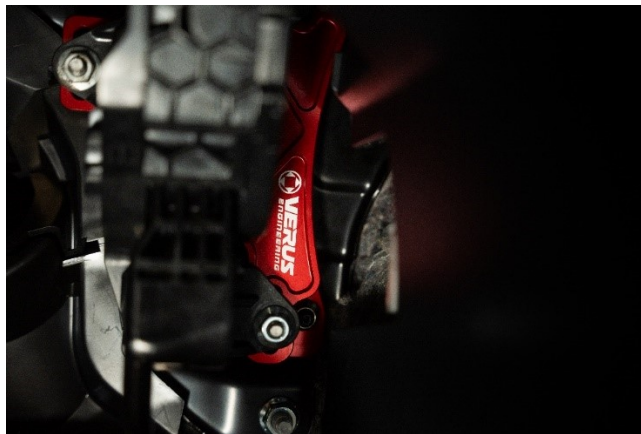
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- 2.7. After the pedal spacer is torqued down, we can now reinstall the factory pedal assembly. Do so by reinstalling the electrical connector first, then place the pedal assembly on the bolts in the pedal spacer. Select your desired height, and using the factory nuts, that were removed earlier, torque the pedal assembly to 6 ft-lbs as shown below. Hint: To improve movement up and down, tighten the nuts and then back off ¼ turn and the pedal assembly should move easier.



- 2.8. Please note that the throttle pedal spacer changes the location of the throttle pedal, not the throw. Due to muscle memory, the acceleration pedal will feel odd at first. Please give the modification a few days to allow your muscles to begin a new habit for where the throttle pedal is located.
- 2.9. Congratulations on installing the Verus Engineering Throttle Pedal Spacer for the Toyota GR Corolla.
- 2.10. Please send any questions, comments, concerns, or photos to Verus Engineering via e-mail; [sales@verus-engineering.com](mailto:sales@verus-engineering.com).



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