

VERUS ENGINEERING

Paddle Shifters – Mk5 Toyota Supra Install Manual



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Paddle Shifters, Mk5 Toyota Supra – Install Manual

CONTENTS

| | |
|--------------------------------------|-------|
| 1. Introduction | <3> |
| 1.1. Overview | <3> |
| 1.2. Difficulty | <3> |
| 1.3. Time Required | <3> |
| 1.4. Tools Needed | <3> |
| 1.5. Paddle Shifter Components | <3> |
| 2. Paddle Shifter Install..... | <4-7> |

Paddle Shifters, Mk5 Toyota Supra – Install Manual

1. Introduction

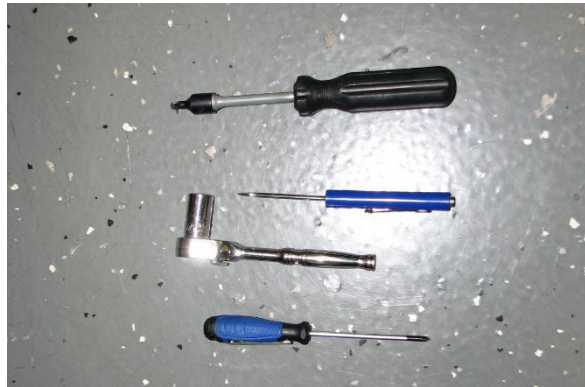
1.1. Overview: Detailed instructions on installing the Verus Engineering Paddle Shifter for the Mk5 Toyota Supra.

1.2. Difficulty: Easy

1.3. Time Required: 1.5-2.5 hours

1.4. Tools Needed:

- 1.4.1. 10mm Socket
- 1.4.2. Ratchet
- 1.4.3. Small Phillips Screwdriver or Small Allen Wrench
- 1.4.4. Small Flathead Screwdriver
- 1.4.5. T25 Torx Bit and Driver



1.5. Pitch Stop Brace Components

- 1.5.1. (1) Anodized and Assembled Left Paddle Shifter
- 1.5.2. (1) Anodized and Assembled Right Paddle Shifter



Paddle Shifters, Mk5 Toyota Supra – Install Manual

2. Mk5 Toyota Paddle Shifter 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 rear hatch where the battery is located. Remove the negative terminal as we will be removing the steering wheel's airbag.



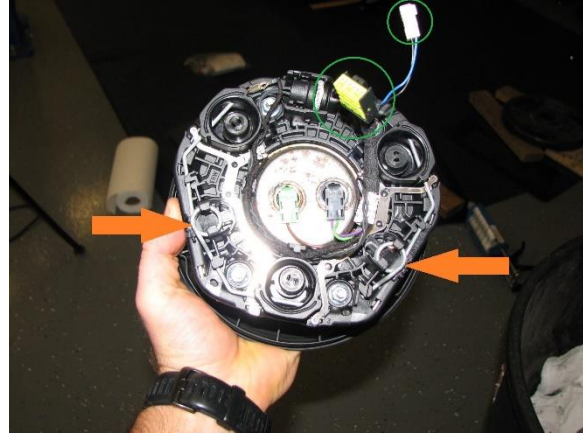
- 2.3. Once the negative terminal is removed from the battery, the electronic hatch release will no longer be useable for the time being. We advise putting a towel or something similar over the hatch locking mechanism, as shown below, in case the trunk is closed for whatever reason.
Note: There is a safety release available, but it will require climbing inside the car to release.



- 2.4. Next, we need to remove the air bag from the steering wheel. To do this, take your small flathead screwdriver and press in the pins inside the steering wheel. These locations will be found on the sides of the steering wheel right in front of the paddle shifter. The first photo below shows the left side location of where to press with your small flathead screwdriver.

Paddle Shifters, Mk5 Toyota Supra – Install Manual

The second photo shows the air bag removed and the locations that need to be pressed in to remove the air bag.



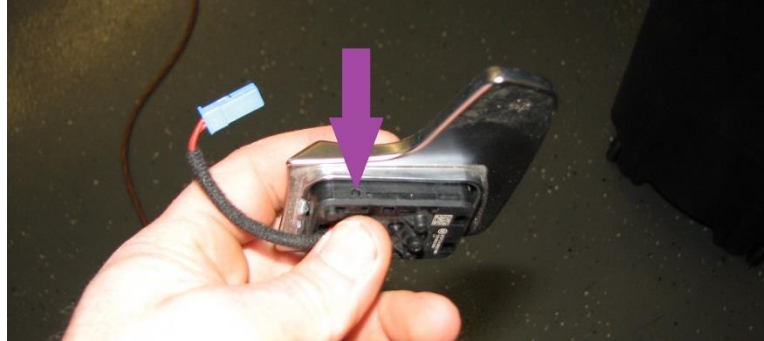
- 2.5. Once the pins have been pressed in and the airbag pulled towards the driver's seat, unclip the two connectors shown above circled in green.
- 2.6. After the air bag is removed completely, unclip the blue connector for the paddle shifter (yellow circle) and remove the T25 Torx bolt (blue circle). Once these are removed, the paddle shifter can be removed. Repeat this process for the other side. **Note: Be patient while snaking the connector out of the steering wheel to avoid any damage to the wires or connector.**



- 2.7. Using a small Phillips screwdriver or a small Allen wrench, push the pin out that is shown below. Fully remove this pin from the assembly and set aside for use with the new paddle shifters.

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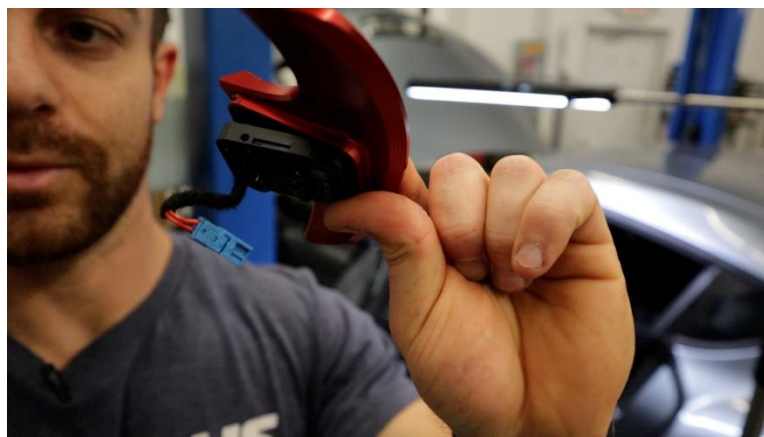
Paddle Shifters, Mk5 Toyota Supra – Install Manual



- 2.8. Next, we need to remove the black electronic assembly from the factory paddle shifter. Do so by flipping the paddle shifter upside down so that the black electronic assembly is facing downward. We do this so that the spring and small mechanical pieces do not fall out when removing. Slowly pull down on the blue connector side to about 45 degrees and then press the whole assembly outward to remove.



- 2.9. Now grab the correct side Verus Engineering paddle shifter and reinstall the electronic assembly in reverse order. Fitment will be slightly tighter than OEM, so take your time and be patient during reinstall. **Note: Do not forget to reinstall the small black pin that was removed earlier.**



Paddle Shifters, Mk5 Toyota Supra – Install Manual

- 2.10.** After the Verus Engineering paddle shifters are assembled, reinstall everything in reverse order from before, reconnect your battery, and enjoy the feel of your new Verus Engineering Paddle Shifter.
- 2.11.** Congratulations on installing the Verus Engineering Paddle Shifter for the Mk5 Toyota Supra.
- 2.12.** Please send any questions, comments, concerns, or photos to Verus Engineering via e-mail; sales@verus-engineering.com.

