

VERUS

ENGINEERING

Billet Dipstick Handle – VB WRX, GR86/BRZ

Install Manual



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Release Date: 2023/04/18

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Document Revisions

Rev	Date	Author	Description
01	2023/04/18	T. Lang	Initial release of install manual

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1. Introduction

1.1. Overview: Detailed instructions on installing the Verus Engineering Billet Dipstick Handle for the Subaru VB WRX and Toyota GR86/Subaru BRZ.

1.2. Difficulty: Easy

1.3. Time Required: .5 hours

1.4. Tools Needed:

1.4.1. Hammer

1.4.2. 1.5mm Allen Key

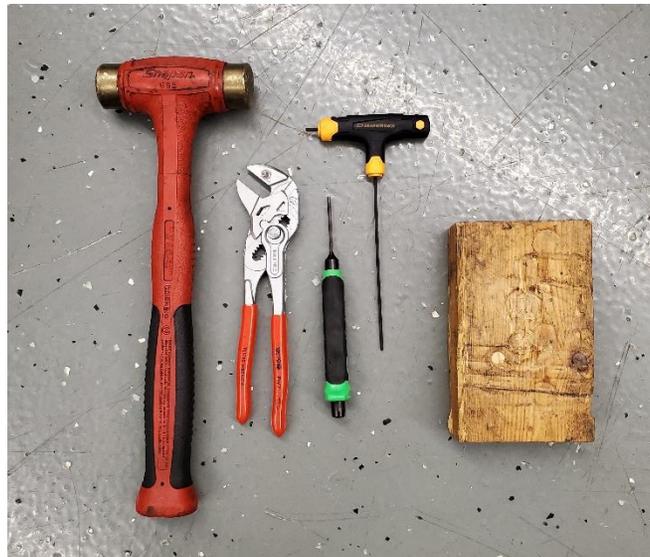
1.4.3. 2mm Allen Key

1.4.4. 3/32 Punch

1.4.5. Pliers

1.4.6. Cut-off Wheel / Heat Gun / Hacksaw

1.4.7. Block of Wood

**1.5. Dipstick Handle Kit Components**

1.5.1. (1) Dipstick Handle

1.5.2. (1) Dipstick handle Adapter

1.5.3. Hardware Bag

1.5.3.1. (1) M2 x 10mm Long Spring Pin

1.5.3.2. (1) M4 x .7 x 16mm Long Full Thread Stud

1.5.3.3. (1) M3 x .5 x 4mm Long Set Screw

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2. Billet Dipstick Handle 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. Remove the dipstick from the engine.

****NOTE: This manual will cover one way of removing the OEM dipstick handle. Some other methods are covered in the installation video. ****

2.3. Using a cut off wheel or grinder, slowly and carefully remove the handle material until the metal dipstick portion is visible as show below.



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- 2.4. The OEM dipstick will not fit into the supplied dipstick adapter as it is. We will need to cut off a portion from the top so the that hole in the adapter lines up with the hole in the dip stick.



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- 2.5. Once the dipstick is trimmed sufficiently, insert it into the dipstick adapter, line up the holes for the spring pin (**NOT the threaded hole**), and drive the pin into the adapter through the dipstick.

****If needed, you can squeeze one end of the spring pin to help start it into the hole. A pair of pliers can do this easily****



- 2.6. Next, to prevent the dipstick from wobbling around apply some Loctite to the supplied M3 set screw, and tighten it using a 1.5mm allen key. Just snugging up after bottoming the screw is sufficient. A dab of threadlocker is recommended.

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- 2.7. Transfer the o-ring from the OEM dipstick handle to the new dipstick adapter.
- 2.8. Fully thread the M4 x .7 stud into the dipstick adapter using a 2mm allen wrench. Using threadlocker is recommended.



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- 2.9.** Thread the Billet Dipstick Handle onto the adapter, and tighten by hand. Again, threadlocker is recommended.



- 2.10.** Reinstall the dipstick.
- 2.11.** Congratulations on installing the Verus Engineering Billet Dipstick Handle for various Subaru models! For any questions or comments, please send us and e-mail at sales@verus-engineering.com.