



**KAOKO™ THROTTLE STABILIZER KITS:**  
**KBB310REV1**

RSA Registered Designs  
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Patents  
 "U.S. Pat. No. US D593,462 S"  
 "U.S. Pat. No. US D593,463 S"  
 "U.S. Pat. No. US D593,464 S"

**For Models HONDA / YAMAHA**  
 HONDA AfricaTwin CRF1000L (2016-2019) (for BARKBUSTERS BHG-062)  
 YAMAHA Tenere 700 (2019-2020) - With Barkbusters  
 YAMAHA Super Tenere 1200 (2018-2020) - with Barkbusters

**Items Included in your kit**  
 Kaoko bar-end weight • Friction Nut • TH-TW238 Thrust Washer • TH-TWF6B Thrust Washer  
 3x M8 Steel Washers • 2mm Allen Key • Fitting Instructions

**1**

A — Original Barkbusters Insert  
 B — M8 Steel washers  
 C — Plastic Thrust washer

**1A**

**1B**

**2**

A — Plastic Thrust Washer  
 B — Friction Nut & Grub Screw  
 C — Kaoko Bar-end weight  
 D — Barkbusters Hand guard bracket

**DISCLAIMER: NO RESPONSIBILITY ACCEPTED FOR NON-ADHERENCE TO THESE INSTRUCTIONS**

**KAOKO™ Safety Warning:**  
 The KAOKO™ Throttle Stabilizer is an aftermarket accessory. Any misunderstood, abused or incorrectly installed motorcycle accessory is a safety hazard that could cause injury or death. It's the rider's responsibility to understand the operation and purpose for which the KAOKO™ Throttle Stabilizer is designed, namely, for cruising, only when safe to do so. At all other times the control should be disengaged. The KAOKO™ Throttle Stabilizers are to be used only by experienced and responsible riders. See reverse of page for full indemnity.  
**Note:** An adjustment to throttle assembly position may be necessary to suit KAOKO™ Throttle Stabilizers. The throttle assembly position on aftermarket bars, and some OEM bars, is adjustable. The assembly can marginally be re-positioned along the handle bars slightly loosening the throttle assembly clamp screws, and then sliding the throttle assembly along the handle bars (left or right). Once done, firmly tighten the clamp screws to OEM torque specifications. This adjustment is generally not necessary.

**Fitting Instructions**

- Step 1**  
 Remove your original OEM bar-end weight (or the Barkbuster end-weight if fitted)  
**Note A:** There is a metal tube inside the handlebar, we recommend that this tube be kept inside the handlebar and does **not** need to be coupled. It should stay firmly inside the handlebar without being coupled. **(This is not applicable when installing on the Yamaha Tenere and Super Tenere)**  
**Note B:** The instructions should be read with Barkbuster assembly instructions.
- Step 2**  
 Screw in the Barkbuster insert (see picture 1) that is supplied with your original Barkbuster kit.
- Step 3**  
 Place the Kaoko thrust washer into end of the rubber grip and onto the handlebar end as shown in picture 2. (The spigot of the washer should be facing the throttle side and should be pushing up against the end face of the plastic throttle sleeve. The lip of the grip needs to be slightly lifted over the spigot of the washer to be correct)  
**Washers to be used:**  
 • Honda Africa Twin **without** heated grips—Washer **238**  
 • Honda Africa Twin **with** heated grips—Washer **F6B** (1x M8 Steel spacers to be used in conjunction with F6B if installing on 2018 models, see picture **1A** and **1B**)  
 • Yamaha Tenere 700 and Super Tenere 1200—Washer **F6B** with 2x M8 steel spacers (See Picture **1A** and **1B**) **Note:** If binding occurs, place the extra M8 steel washer with the current 2x M8 steel washers, this will create a bigger gap and remove any binding.  
**Note:** To enable improved functionality, it is recommended (not essential) to apply very light smear of Automotive grease or Petroleum jelly to the friction face of the thrust washer( See Figure 3 at the back of the page)
- Step 4**  
 Adjust the friction nut up against the shoulder of the Kaoko end weight. The nut must seat up to the rubber O-ring on the end weight. Place the Barkbuster hand guard bracket against the Kaoko bar-end weight and firmly secure the entire assembly with the countersunk bolt provided in your original Barkbuster kit.  
**Note :** It is advised to apply some low strength Loctite as a thread adhesive on the Barkbuster insert / thread of the bolt.
- Step 5**  
 Carefully set rotational resistance of the friction nut by tightening/loosening the grub screw by small adjustments using the 2mm allen key provided in the Kaoko Kit. Take care not to over tighten risking damage to threads. The nut should have fairly firm rotational resistance. See under **Maintenance below**.

**Operating Instructions**

The Friction Nut has a **left hand thread**. In readiness for engagement, the Friction Nut must be adjusted so that it makes light contact against the thrust washer.  
**To Engage:** While rolling on the throttle, the Friction Nut can be gripped between the small finger and palm of hand. This action tightens the nut and provides sufficient friction to set the throttle to the desired opening.  
*(The friction is such that the rider may still open and close the throttle. The throttle simply has a slight rotational stiffness.)*  
**To Disengage:** While rolling off the throttle, grip the Friction Nut between small finger and palm of hand.  
**VERY IMPORTANT!!** The throttle should open and snap closed freely when correctly disengaged.  
**Note:** The Grub Screw needs to be set to provide the necessary resistance on the thread of the friction nut (only small adjustments need to be made as to not damage the friction nut threads). This may be adjusted periodically to take up wear.  
**Maintenance:** Remove kit annually. Unscrew Friction Nut and brush clean threads with a mild soap. Apply petroleum jelly to threads and assemble. Adjust grub screw to desired operating resistance. (O-Ring cushion: 19.6mm I.D. x 2.4mm section — if replacement is required)