



KAOKO™ THROTTLE STABILIZER KITS: KBB300 • KBB200REV1 • KBB210 • KBB220

For Models **KAWASAKI / HONDA**
For **BARKBUSTERS** on various model bikes—Note specific thrust washer assembly details below.

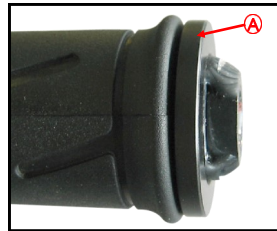
RSA Registered Designs
No. A2007/00202 No. A2007/00205
No. A2007/00203 No. A2007/00206
No. A2007/00204 No. A2007/00207

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"

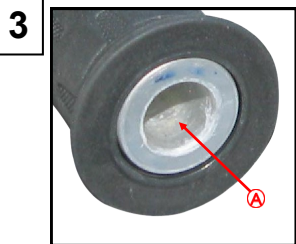
Items Included in your kit
Kaoko Bar-end body • Friction Nut • Thrust Washer/s • 2mm Allen Key
Fitting Instructions



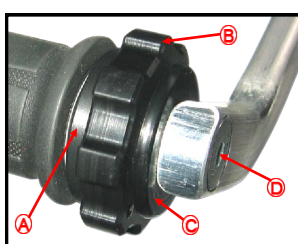
1 **A** Typical tapered stub end with **bar weight** removed. Hand file away excessive material.



2 **A** Plastic Thrust Washer



3 **A** Only applicable to KBB210 & KBB200 kits.



4 **A** Plastic Thrust Washer
B Friction Nut & Grub Screw
C Kaoko Bar-end Body
D Barkbusters bracket & central retaining screw

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

Fitment of KAOKO™ KIT to Barkbusters Hand Guards on various Kawasaki Motorcycles with threaded insert inside end of handle bars : products KBB300 and KBB220

Step 1

Follow Barkbusters instructions to stage shown in **Picture 1**.

Step 2

Insert plastic thrust washer as shown in **picture 2**. The thrust washer must thrust against the internal plastic throttle sleeve; not against the rubber throttle grip. The thrust washer must be fitted in between the KAOKO™ Friction Nut and the plastic throttle sleeve. The flat surface of the thrust washer, where the thrust washer product code is marked, will face against the KAOKO™ Friction Nut. Note that specific Barkbusters SKU's are required to fit with these KAOKO products and thrust washers. KBB300 includes only 1 thrust washer to type 040. KBB220 includes 2 thrust washers, types detailed below:

- Washer 040: For all models except Kawasaki Versys 1000 (2012-)
- Washer 132: For Kawasaki Versys 1000 (2012-)

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 3

Present the KAOKO™ bar weight onto the stub end and check if it will fully nest. On certain models it is necessary to hand file any excessive weld or material from the stub in order that the stub fits fully into the tapered recess of the KAOKO™ bar weight. Slight further tapering of the stub by hand filing is sometimes needed.

Step 4

Fasten the KAOKO™ Throttle Stabilizer Kit (KBB300) as shown in **Picture 4** and firmly tighten. It is recommended to use a mild thread locking adhesive. Follow all related Barkbusters assembly information.

Note: For models where part B56 (Bar End Weight) is included in Barkbusters installation, fit product KBB220 and follow all above KAOKO fitting instructions listed. KBB220 will replace the Barkbusters Bar End Weight on the throttle side.

Fitment of KAOKO™ KIT to Barkbusters Hand Guards on various Motorcycles with OEM and after marker handle bars : products KBB200 and KBB210

Step 1: Follow Barkbusters instructions to stage shown in **picture 3** where the Internal Diameter of the handle bars is exposed.

Step 2: Insert plastic thrust washer as shown in **picture 2**. The thrust washer must thrust against the internal plastic throttle sleeve; not against the rubber throttle grip. The thrust washer must be fitted in between the KAOKO™ Friction Nut and the plastic throttle sleeve. The flat surface of the thrust washer, where the thrust washer product code is marked, will face against the KAOKO™ Friction Nut. Note that specific Barkbusters SKU's are required to fit with these KAOKO products and thrust washers. KBB210 requires a KAOKO confirmed and pre-ordered thrust washer and depending on the bike the product is intended for. If you have received KBB210 without consultation with KAOKO make contact with us before installation. KBB200 includes 5 thrust washers; types detailed below:

- Washer 002C: For Suzuki DL650 and DL1000 models (2012-)
- Washer 050: For Suzuki DL650 and DL1000 models (-2011)
- Washer 103: For Honda models NC700/750 & sub models (2012-, VFR800X Cross Runner (2012-), CB500 & Sub-models—and all HND100 applications.
- Washer 131: For Honda model VFR1200X / XD Cross Tourer (2012-)
- Washer 018W: For Honda models XL1000V Varadero, XL600 Transalp, XL650 Transalp and XL700 Transalp.

Step 3: Present the KAOKO™ bar weight into the ID of the handle bar end and check that it fully nests. Note the difference in ID of handle bars between the models, and as referred to under the specifications of products KBB200 and KBB210.

Step 4: Fasten the KAOKO™ Throttle Stabilizer Kit using the Barkbusters expansion collects and fasteners provided in their product kits. It is recommended to use a mild thread locking adhesive. Follow all related Barkbusters assembly information.

Note: KBB200 and KBB210 replace the Barkbusters Bar End Weight (Code B56) on the throttle side only. Depending on the model of motorcycle that products KBB200 and KBB210 are fitted to will determine a specific thrust washer that should be supplied with the product kit. For further information please contact info@kaoko.com and issue us with your make, model, and year of Motorcycle.

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)