



KAOKO™ THROTTLE STABILIZER KITS: YAM650 • YAM650HG

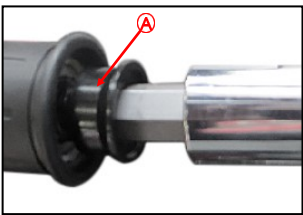
RSA Registered Designs
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Patents
"U.S. Pat. No. US D593,462 S"
"U.S. Pat. No. US D593,463 S"
"U.S. Pat. No. US D593,464 S"

For Models YAMAHA
Tracer MT09 • FJ-09 (2014-2017)
with OEM hand guards. (Also for use with Barkbuster Hand guards)


Items Included in your kit
End Weight • Friction Nut • Thrust Washer/s • 2mm Allen Key
Fitting Instructions

1



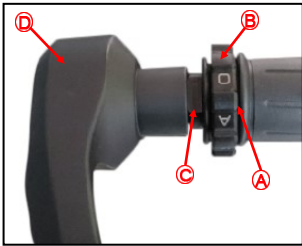
A — Remove factory insert with 12mm Hex Key

2



A — Plastic Thrust Washer
B — Friction Nut & Grub Screw
C — Kaoko bar-end weight
D — Hand Guard

3



A — Plastic Thrust Washer
B — Friction Nut & Grub Screw
C — Kaoko bar-end weight
D — Hand Guard

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

Completely remove the factory fitted right hand side insert with a 12mm hex key as shown in **picture 1**.

Step 2

Back off the friction nut up against the shoulder of the Kaoko body. Fit the Kaoko thrust washer with the spigot facing towards the throttle sleeve.

Note: An M16 copper washer has been provided in the kit should binding occur and there isn't enough clearance for proper fitment—this washer may not always be needed in the assembly (YAM650HG kit does not have this copper washer included)

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

Screw in and firmly fasten the Kaoko body with a 17mm set spanner as seen in **picture 2 & 3**.

Step 4

Fit the hand guard and firmly fasten the M8 central retaining screw as seen in **picture 3**.

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)