



KAOKO™ THROTTLE STABILIZER KITS: KTMRC • KTM100

For Models **KTM**
1190 RC8/R • 690 Duke / R • 990 Super Duke / R / SMC Supermoto • 690 SM / SMR
990 R / T Supermoto • 950 SM / SMR • 990 SM / SMT
1290 Super Duke (2014-) • 790 Duke (2018-)



RSA Registered Designs
No. A2007/00202 No. A2007/00205
No. A2007/00203 No. A2007/00206
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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"

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

1



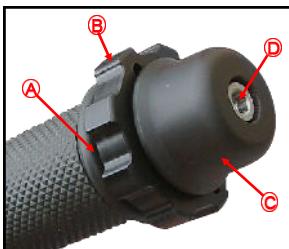
A — Handlebar Tube
B — Plastic Throttle Sleeve

2



A — Plastic Thrust Washer

3



A — Plastic Thrust Washer
B — Friction Nut & Grub Screw
C — Kaoko bar-end weight
D — Central Retaining Bolt

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 right hand side bar weight as shown in picture 1. Use the M6 central retaining screw and the KTM bar-weight stem/rod and loosely assemble these onto the KAOKO™ kit. Adjust the Friction Nut so that it has a 2mm gap between the bar-end weight and the shoulder of the friction nut.

Step 2

Place the plastic thrust washer onto the end of throttle as shown in Picture 2. The spigot on the one face of the thrust washer must thrust against the end of the throttle sleeve.

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

Slide the KAOKO™ Kit fully into end of handle bar, up against the thrust washer, as shown in picture 3 and firmly tighten the central retaining screw.

Step 4

Back off the friction nut against the shoulder of the bar weight to disengage the Throttle Control.

Very Important— The Throttle should open and snap closed freely when correctly disengaged.

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)



DESIGN
EXCELLENCE
AWARDS
2009

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