



## KAOKO™ CRUISE CONTROL KIT :

SUZM109, SUZM109TC & SUZM109SNUB

For Suzuki M109R Cruiser

SABS

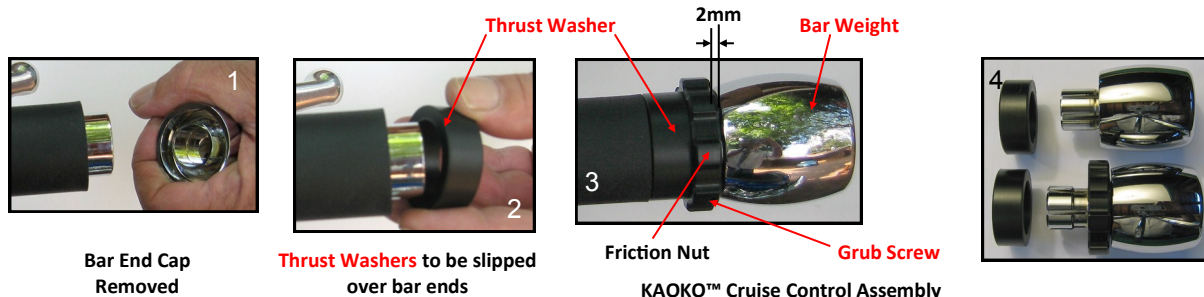
DESIGN  
EXCELLENCE  
AWARDS  
2009

### 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"

### RSA Registered Designs

No. A2007/00202 No. A2007/00205  
No. A2007/00203 No. A2007/00206  
No. A2007/00204 No. A2007/00207



### KAOKO Kit Comprises of :

End Weight,  
Friction Nut,  
Thrust Washer,  
2mm Allen key,  
Fitting  
Instructions

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

### KAOKO™ Safety Warning:

See: [www.kaoko.com](http://www.kaoko.com) for further information [info@kaoko.com](mailto:info@kaoko.com)

The KAOKO™ Cruise Control 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™ Cruise Control is designed, namely, for cruising, only when safe to do so. At all other times the control should be disengaged. The KAOKO™ Cruise Controls are to be used only by experienced and responsible riders.

**Note:** An adjustment to throttle assembly position may be necessary to suit KAOKO™ Cruise Controls. 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 & Operating Instructions:

- Step 1:** Completely remove right hand side (RHS) and left hand side (LHS) bar end caps as shown in picture 1. The caps are plastic "knock in" and can be prized out of the handle bar using a pair of flat opposing screw drivers as levers.
- Step 2:** For **Right Hand Side Kit Assembly**, place the plastic thrust washer onto the end of bar as shown in Picture 2. SUZM109SNUB; only the right hand side assembly is required.
- Step 3:** Turn the friction nut so that there is a 2mm gap between the nut and the shoulder of the bar weight (see picture 3) and fully slide the RHS Kit in to the end of the handle bar then tighten the central retaining screw to 28lbf.ft or 35Nm.
- Step 4:** Back off the friction nut against the body of the bar weight to disengage the Throttle Control.
- Step 5:** Set friction nut to the desired resistance by gently tightening the grub screw with 2mm Allen key. The friction nut should be stiff turning. See Picture 3.
- Step 6:** For **Left Hand Side Kit Assembly**, fully slide the kit into the handle bar after slipping the washer/spacer onto end of bar and Firmly tighten central retaining screw as per step 3.

**Operation:** The friction nut has a **left hand thread**. In readiness for engagement, it must be adjusted so that it makes light contact with 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 throttle to the desired opening.  
(The friction is such that the rider may still open and close the throttle. It simply has a slight rotational stiffness.)

**To Disengage:** While rolling off the throttle, grip 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 is set to provide the necessary resistance on the thread of friction nut. This may be adjusted periodically to take up wear.(2mm Allen key)

**Maintenance:** Wash with soapy water regularly (no acid based cleaning materials) and apply silicone based car polish to chromed surfaces. Check tightness of central retaining screws. Adjust grub screw to desired operating resistance.  
(O-Ring cushion: 19.6mm I.D. x 2.4mm section — if replacement is required)

### Indemnity:

It is advised that the use of the cruise control is at the sole risk of the rider and by his/her decision to use it he/she does indemnify the manufacturers or organizers, their agents, employees and officers against any claim or action by themselves, their dependants or any other third party arising out of any loss, damage, injury or death suffered.