



MECHANICAL THROTTLE CRUISE ASSIST 6285

INTENDED FOR USE WITH STOCK OEM GRIPS OR KURYAKYN ISO, ISO-FLAME & TRANSFORMER GRIPS. REQUIRES AT LEAST A 7/8" HOLE IN GRIP END (OR DRILLING/CUTTING ONE)

FITS: HONDA: '96-'07 VLX600 SHADOW, '98-UP SHADOW 750 ACE/AERO/SPIRIT, '97-'07 SHADOW 1100 ACE/AERO/SABRE/SPIRIT, '94-'03 750 MAGNA, '03-UP VTX1300 (ALL MODELS), '02-'08 VTX1800 (ALL MODELS), '97-'04 VALKYRIE, '95-UP ST1100/ST-1300

KAWASAKI: '00-'06 VULCAN 800 DRIFTER, '97-'05 VULCAN 800, '06-UP VULCAN 900, '96-'08 VULCAN 1500 CLASSIC/DRIFTER/NOMAD/MEAN STREAK, '03-'08 VULCAN 1600 CLASSIC & MEAN STREAK, '05-'08 VULCAN 1600 NOMAD

SUZUKI: '97-UP BOULEVARD C/M/550 & MARAUDER, '04-'08 INTRUDER 1400/S83, '98-UP INTRUDER 1500/C90

VICTORY: '04-UP KINGPIN (WITH KURYAKYN ISO-GRIPS), '06-UP HAMMER (WITH KURYAKYN ISO-GRIPS), '04-UP VEGAS - ALL MODELS (WITH KURYAKYN ISO-GRIPS)

YAMAHA: '98-UP V-STAR 650 CUSTOM & CLASSIC, '96-'00 ROYAL STAR

HARLEY-DAVIDSON: ALL H-D MODELS WITH 1" OR 7/8" HANDLEBARS WITH HOLLOW BAR ENDS AND OEM OR KURYAKYN ISO, ISO-FLAME & TRANSFORMER STYLE GRIPS (EXCEPT '08-UP TOURING MODELS WITH ELECTRONIC THROTTLE AND/OR BIKES WITH HEATED GRIPS OR AIR RESERVOIRS IN HANDLEBARS.

UNIVERSAL: FOR ALL MODELS WITH 7/8" OR 1" HOLLOW BARS WITH OPEN ENDS ID>5/8"

WARNING! THIS PRODUCT IS INTENDED TO HOLD THE THROTTLE OPEN. IMPROPER USE IF THIS PRODUCT CAN RESULT IN SERIOUS INJURY OR DEATH.

PARTS INCLUDED

- 1 Bar End Throttle Assist
- 1 Threaded Wedge
- 3 Wedges
- 2 Anit-Friction Disks (1 is a spare)
- 1 M6 x 1.0 x 90MM Socket Head Cap Screw (SHCS)
- 1 Installation Instructions

Please read and understand entire instructions before starting installation.

THANK YOU FOR CHOOSING KURYAKYN!

IN ORDER TO PROTECT YOU AND OTHERS FROM POSSIBLE INJURY AND/OR PROPERTY DAMAGE OR LOSS, PLEASE PAY CLOSE ATTENTION TO ALL INSTRUCTIONS, WARNINGS, CAUTIONS AND ATTENTION NOTES REGARDING THE USE AND CARE OF THIS PRODUCT.

WARNING! THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN CAN RESULT IN POTENTIAL DEATH OR SERIOUS INJURY.

CAUTION! This indication alerts you to the fact that ignoring the contents described herein can result in potential injury or material damage.

ATTENTION! This indication alerts you to the fact that ignoring the contents described herein may negatively affect product performance and functionality.

CUSTOMER SERVICE
877.370.3604 (toll free)

INSTALLATION QUESTIONS
techsupport@kuryakyn.com
or call 715.247.2983

LIMITED WARRANTY

Kuryakyn warrants that any Kuryakyn products sold hereunder, shall be free of defects in materials and workmanship for a period of one (1) year from the date of purchase by the consumer excepting the following provisions:

- Kuryakyn shall have no obligation in the event the customer is unable to provide a receipt showing the date the customer purchased the product(s).
- The product must be properly installed, maintained and operated under normal conditions.
- Kuryakyn makes no warranty, expressed or implied, with respect to any gold plated products.
- Kuryakyn shall not be liable for any consequential and incidental damages, including labor and paint, resulting from failure of a Kuryakyn product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breach of contract or duty between Kuryakyn and a customer.
- Kuryakyn products are often intended for use in specific applications. Kuryakyn makes no warranty if a Kuryakyn product is used in applications other than intended.
- Kuryakyn electrical products are warranted for one (1) year from the date of purchase by the consumer. Components of Kuryakyn products containing L.E.D.s will be warranted for defects in materials and workmanship for 3 years from the date of purchase.
- Kuryakyn makes no warranty of any kind in regard to other manufacturer's products distributed by Kuryakyn. Kuryakyn will pass on all warranties made by the manufacturer and where possible, will expedite the claim on behalf of the customer, but ultimately, responsibility for disposition of the warranty claim lies with the manufacturer.

ABOUT OUR CATALOG

You'll find all our innovations for H-D, GL and Metric Cruisers in our annual catalogs. Order online today--select the "CATALOGS" icon. Each Kuryakyn® product comes with a Proof-of-Purchase good for a complimentary catalog. Details in packaging.

Be sure to ask your local dealer about other Kuryakyn® products, the motorcycle parts and accessories designed for riders by riders.

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TOOLS SUGGESTED

Set of Hex Wrenches, Razor Blade, 7/8" (or larger) Drill Bit (for applications with closed grip ends)

STRICTLY OBSERVE THE FOLLOWING GUIDELINES IN ORDER TO USE THE PRODUCT PROPERLY AND AVOID POTENTIALLY DANGEROUS ACCIDENTS.

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PROCEDURE

STEP 1 Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface; turn off the ignition and allow the engine to cool.

WARNING! IMPROPER INSTALLATION OR USE OF THIS PRODUCT COULD RESULT IN SERIOUS INJURY OR DEATH.

WARNING! FAILURE TO ADJUST THE MECHANICAL THROTTLE ASSIST PROPERLY MAY RESULT IN LOSS OF CONTROL CAUSING SEVERE INJURY OR DEATH.

CAUTION! Ensure that the installation of this product does not interfere with the proper operation of the motorcycle before riding.

NOTE It may be necessary to remove the stock throttle side grip to avoid getting debris between the grip and the handlebar.

STEP 2 If using OEM grips or grips without holes in the ends or with bar end-caps, remove the end caps and cut at least a 7/8" (can be larger if necessary) hole in the end of the grip. It is also important to cut the end of the grip as flat and smooth as possible. (PIC 1)

NOTE If cutting the grip, make sure that the cut area is smooth and free of any excess material. The grip should have adequate clearance to fit the Cruise Assist in the hole. The grip rubber should not extend past the plastic throttle sleeve.

STEP 3 If using Kuryakyn Grips, remove the 4 bolts that hold the end cap to the end of the grip.

STEP 4 Make sure that the inner brass bushing is flush with the chrome outer housing. If it is not, twist the outer chrome housing while holding the shaft until the brass bushing is flush. (PIC 2)

STEP 5 Make sure that the anti-friction ring is installed on the Cruise Assist before mounting on handlebars. (PIC 2)

STEP 6 Loosen the bolt at the end of the Cruise Assist enough to get the assembly into the hole. Insert the assembly in the end of the grip. (PIC 3)

NOTE If loosened too far, the end of the Cruise Assist assembly will come off and components may be lost.

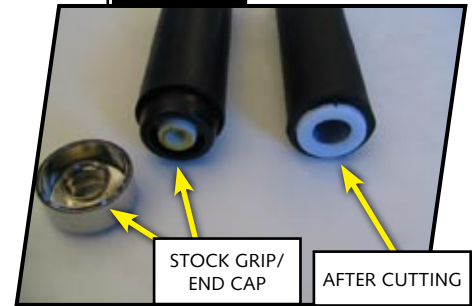
STEP 7 Make sure the grip is in a natural position and not forced against the throttle/control housing. Using the backing card from the packaging as a guide, fit the card between the end of the grip and the Cruise Assist. This clearance will allow the grip to move freely without contacting the Cruise Assist. (PIC 4) Tighten the screw at the end of the Cruise Assist.

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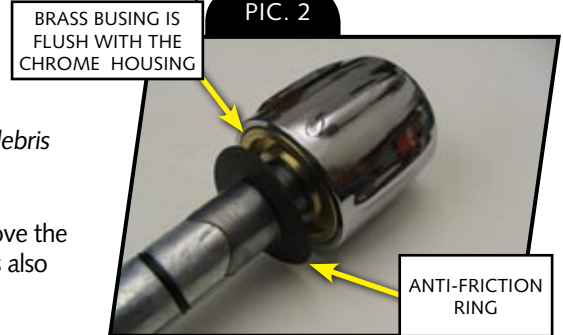
STEP 8 Check the function of the Cruise Assist by twisting the grip to the 1/2 throttle position and spinning the Cruise Assist counter-clockwise until it ratchets. When the Cruise Assist ratchets, it has reached its maximum hold. If the grip will not stay at the 1/2 throttle position, fully loosen the Cruise Assist by spinning it clockwise until it stops. Re-use the backing card as a spacer then tighten the screw at the end of the Cruise Assist. Repeat this procedure until the Cruise Assist is properly adjusted.

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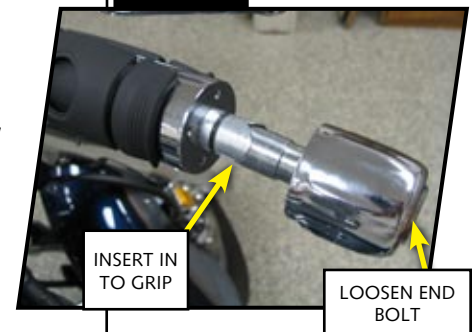
PIC. 1



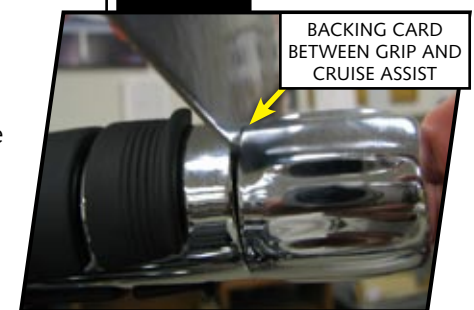
PIC. 2



PIC. 3



PIC. 4



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MECHANICAL THROTTLE CRUISE ASSIST

INSTALLATION

NOTE When in the "locked" position, the throttle should be able to rotate with moderate force. There should be no gap between the backside of the inner brass bushing and the chrome housing. (PIC 6) When the Cruise Assist is disengaged, the throttle should rotate freely with no binding.

WARNING! THIS PRODUCT WILL HOLD THE THROTTLE OPEN IF THE CRUISE ASSIST IS ENGAGED. BE SURE TO DISENGAGE WHEN NOT IN USE OR WHEN STARTING THE MOTORCYCLE.

STEP 9 Check function of the Mechanical Throttle Cruise Assist.

NOTE If any damage or blunt force impact occurs to the Cruise Assist such as the motorcycle tipping over, check the function of the Cruise Assist before continuing use. Make sure there is no resistance on the throttle when the Cruise Assist is fully disengaged. The Cruise Assist should be disengaged when not in use.

WARNING! ALWAYS CHECK TO ASSURE THE CRUISE ASSIST IS DISENGAGED BEFORE STARTING OR RIDING YOUR MOTORCYCLE.

ATTENTION! It is the installer's responsibility to ensure that all of the fasteners (including pre-assembled) are tightened before operation of the motorcycle. Küryakyn will not issue a warranty on components lost due to improper installation. Periodic maintenance may be required.

OPERATION OF THE MECHANICAL THROTTLE CRUISE ASSIST

STEP 1 Before starting the motorcycle, check that the Cruise Assist is disengaged. Twist the throttle and check for free operation of the throttle. If the throttle does not twist freely, roll the Cruise Assist clockwise (away from you) until it stops to fully disengage.

STEP 2 When a desirable speed has been reached, roll the Cruise Assist counterclockwise (toward you) with your pinky and ring finger until it holds the throttle in the desired position or until it ratchets. The throttle should hold its position. The throttle should also be adjustable to fine tune your speed and close the throttle in an emergency.

NOTE The ratcheting of the mechanism is a normal function and does not affect product reliability.

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WARNING! IMPROPER INSTALLATION OR USE OF THIS PRODUCT COULD RESULT IN SERIOUS INJURY OR DEATH.

STEP 3 When coming to a stop, be sure to disengage the Cruise Assist before you continue to ride again.

NOTE It may take the Cruise Assist multiple clockwise rotations to fully disengage the mechanism. Always use caution when coming to a stop, give yourself plenty of time and space to disengage the Cruise Assist.

WARNING! IT IS ALWAYS RECOMMENDED TO HAVE BOTH HANDS ON THE HANDLEBARS WHILE OPERATING A MOTORCYCLE.

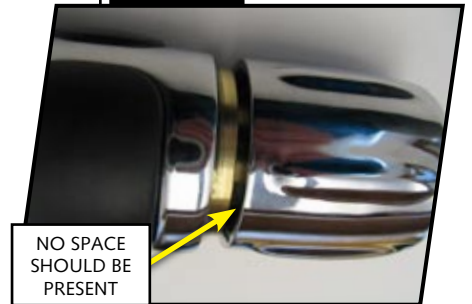
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PIC. 5



PIC. 6



Ride On!