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M O T O R C Y C L E S
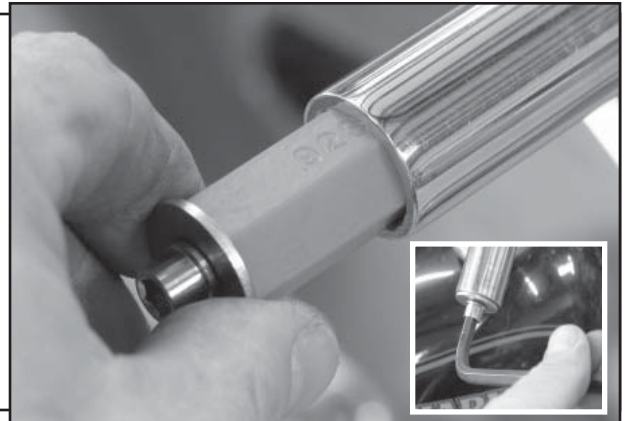
07-099 BALL BEARING THROTTLE KIT

Thank you for purchasing this Arlen Ness product. We believe that our products are the very best available and are engineered to provide a lifetime of use. Our roller bearing throttle kit allows almost any grip set to be converted to our famous ball bearing throttle design. Basic hand tools and a service manual applicable to your model of motorcycle are all that is necessary to complete the installation.

BILL OF MATERIALS

Part #	Quantity	Description
H-15	1	Bearing, 10mm ID x 26mm OD x 8mm wide
H-17	1	Polymer 1 (.675" x .335" x 1.5")
H-18	1	Polymer 2 (.715" x .335" x 1.5")
H-19	1	Bolt, special head
H-329Z	1	$^5/_{16}$-18 hex nut, zinc
H-363S	1	Washer, .925" OD X .322" ID X .078", stainless steel

MAINTENANCE TIP: *To keep your new ball bearing throttle kit working its best, we recommend checking your throttle cables at regular service itervals..*

STEP 1: Follow the procedure listed in the appropriate service manual for your year and model of motorcycle to disconnect the throttle cables and remove the grip. Clean the outside and inside of the handlebar, ensuring that the inside of the bar is dry and free of oil or grease. Cut $^1/_2$" from the end of the handlebar to accommodate the added length of the insert. Two hex-shaped polymer inserts are included with this kit, choose the one that fits snug inside your handlebars. The large stainless steel washer will stop against the bar end when the insert is fully installed *(INSET)*. As shown, tighten the bearing mount bolt. Avoid over-tightening this bolt so as not to damage the polymer insert.

STEP 2: The ball bearing included in this kit fits inside your existing throttle grip. Slip the bearing into the grip until it bottoms out and then place the grip back on the handlebar.until the bearing registers onto the bearing mount bolt as shown. Re-install the throttle cables as per the procedure outlined in the appropriate service manual for your year and model of motorcycle.Check for proper throttle operation before riding your motorcycle.