



CRUSHER MUFFLERS/BLACK SLIP STREAM TIP

545

PARTS INCLUDED

- 1 Left Crusher Muffler with Black Slip Stream Tip
- 1 Right Crusher Muffler with Black Slip Stream Tip
- 1 Installation Instructions

Please read and understand entire instructions before starting installation.

THANK YOU FOR CHOOSING KÜRYAKYN!

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 NOTICES 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.

NOTICE

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

NOTICE

IF INSTALLING THIS PRODUCT FOR ANOTHER PARTY, PLEASE MAKE SURE THEY RECEIVE THIS COPY OF THE INSTALLATION INSTRUCTIONS SO THEY ARE AWARE OF THE IMPORTANT INFORMATION CONTAINED IN THEM.

TOOLS SUGGESTED

Socket Set with Ratchet or Set of Combination Wrenches.

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

STEP 1

Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface and turn off the ignition. Let cool.

WARNING

YOU WILL BE WORKING AROUND THE ENGINE AND EXHAUST SYSTEM DURING INSTALLATION. ENSURE THAT THE ENGINE AND EXHAUST SYSTEM HAVE FULLY COOLED TO PREVENT INJURY.

NOTICE

The installation of any high performance exhaust system can cause a "lean" fuel/air mixture. A "lean" fuel/air mixture can cause engine overheating resulting in severe engine damage. Kuryakyn recommends having carbureted bikes rejetted and fuel injected bikes tuned with a TTS MasterTune tuning system (calibrations available at www.kuryakyn.com), or by an experienced tuner, on a dyno, with an exhaust gas analyzer.

NOTICE

KURYAKYN DOES NOT WARRANTY ANY CHROME EXHAUST PRODUCTS AGAINST DISCOLORATION! Discoloration is not a defect in chrome. All chrome exhaust systems will turn color. Chrome discoloration is a result of heat. The more heat the chrome is exposed to, the quicker and more severe the discoloration will be.

NOTE: Heat Shields are available separately and will mask potential discoloration.

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. L.E.D.'S contained in components of Kuryakyn products will be warranted for defects in materials and workmanship for 3 years from the date of purchase where as all other components shall be warranted for one(1) year. This includes, but is not limited to; control modules, wiring, chrome & other components.

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

For purchasing Kuryakyn® products, you can receive a complete catalog free of charge. Send the Proof-of-Purchase below with your address to: Kuryakyn, P.O. Box 339, Somerset, WI 54025. Please indicate either Accessories Catalog for Harley-Davidson® or GL & Metric Cruisers.

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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- STEP 2** Remove the saddlebags and set them aside.
- STEP 3** Loosen the large clamp shown in PIC.1 enough to slide it forward and off the stock muffler.
- STEP 4** Remove the two stock fasteners shown in PIC.2 set them aside, they will be re-used.
- STEP 5** Remove the stock muffler; twist and pull the muffler until it slides off the head pipe.

NOTE: A few drops of a penetrating oil applied near head pipe/muffler union will aid in removal.

NOTICE Care must be taken not to scratch the Black Ceramic Tips on the mufflers when installing. The Black Ceramic Tips will scratch easily until they have been through approximately three heat cycles on the bike to finish curing. DO NOT use abrasive cleaning compounds to clean the Black Ceramic Tips.

- STEP 6** Install the large clamp removed in Step 3 to the front of the Crusher Muffler. Slide the new Crusher Mufflers onto the head pipe. Make sure the muffler goes onto the head pipe past the ends of the expansion slots, the threaded weldment is be facing up and the dent at the top of the muffler is to the inside of the muffler to clear the axle. PIC 3
- STEP 7** Reinstall the two stock fasteners removed in STEP 4; you may need to adjust the position of the Crusher Muffler to get the threaded holes to align. Leave the fasteners finger tight for now.
- STEP 8** Realign the large clamp loosened in STEP 3 and fully tighten.
- STEP 9** Tighten the two fasteners from STEP 7.
- STEP 10** Repeat STEP 3 through STEP 9 for the other side of the motorcycle.
- STEP 11** Reinstall the saddlebags.

NOTICE 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 provide warranty coverage on products or components lost due to improper installation or lack of maintenance. Periodic inspection and maintenance are required on all fasteners.

EXHAUST CARE

1. **Proper tuning is important. We recommend carbureted bikes should be rejetted and fuel injected bikes should be tuned with a TTS MasterTune tuning system (calibrations available at www.kuryakyn.com), or by an experienced tuner, on a dyno, with an exhaust gas analyzer. 2007 and up Harley Twin Cams run especially lean combined with retarded ignition timing. Lean conditions and/or retarded ignition timing will cause high exhaust temperatures and discolor chrome exhaust.**
2. **Avoid long periods of idling as this can cause discoloration**
3. **Make sure there are no exhaust leaks at the junction of the exhaust pipes and cylinder heads. We recommend replacing the gaskets with Küryakyn Wild Things™ - Cometic exhaust gaskets, P/N 482.**
4. **Make sure there are no intake leaks. Intake leaks will cause a lean condition and engine overheating. This could lead to discoloration.**
5. **When installing new chrome exhaust, make sure your hands are clean and free of grease and oil. After installation, thoroughly clean pipes with a soft clean cloth and cleaning solvent that will leave no residue (glass cleaner, alcohol, ammonia, etc...) before starting the motorcycle.**

