



CRUSHER DUALS with POWER CELL

588

PARTS INCLUDED

- 1 Header Assembly (D573 FC)
- 1 Front Heatshield (D625 HC)
- 1 Rear Heatshield(D626 FC)
- 1 90 Degree Heatshield (D572 HC)
- 1 Straight Heatshield (D573 HC)
- 1 Power Cell Heatshield
- 1 Crosspipe Header Assembly (D557 FC)
- 1 Crosspipe Heatshield (D557 HC)
- 2 #24 Hose Clamps
- 12 #20 Hose Clamps
- 1 Torca band
- 1 3/8"-16 x 3" Socket Head Cap Screw (SHCS)
- 2 Exhaust Gasket
- 2 Nut Plates
- 2 1" x 3/16" Washer
- 1 3/8" Lock Washer
- 4 5/16" Flange Head Bolts
- 2 Nylon Cable Tie
- 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 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.

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

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

TOOLS SUGGESTED

Flat Blade Screwdriver, Set of Combination Wrenches, Set of Hex Wrenches, Snapping Pliers, Ft./Lb. Torque Wrench, Set of Sockets and Ratchet

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.

CUSTOMER SERVICE

877.370.3604 (toll free)

INSTALLATION QUESTIONS

techsupport@kuryakyn.com
or call 715.247.2983

LIMITED WARRANTY

Küryakyn warrants that any Küryakyn 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:

- Küryakyn 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.
- Küryakyn makes no warranty, expressed or implied, with respect to any gold plated products.
 - Küryakyn shall not be liable for any consequential and incidental damages, including labor and paint, resulting from failure of a Küryakyn product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breach of contract or duty between Küryakyn and a customer.
- Küryakyn products are often intended for use in specific applications. Küryakyn makes no warranty if a Küryakyn product is used in applications other than intended.
- Küryakyn electrical products are warranted for one (1) year from the date of purchase by the consumer. L.E.D.'S contained in components of Küryakyn 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.

•Küryakyn makes no warranty of any kind in regard to other manufacturer's products distributed by Küryakyn. Küryakyn 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 Küryakyn® products, you can receive a complete catalog free of charge.

Send the Proof-of-Purchase below with your address to: Küryakyn, 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 Küryakyn® products, the motorcycle parts and accessories designed for riders by riders.

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NOTE: Every effort was made for the Crusher True Duals to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation instructions.

STOCK EXHAUST SYSTEM REMOVAL

- STEP 2** Remove both left and right saddlebags and set them aside.
- STEP 3** Loosen the bolt from the pinch clamp on the front end of each muffler.
- STEP 4** Remove the two 5/16" bolts that mount the muffler to the saddlebag supports. Repeat this step on the opposite muffler.
- STEP 5** Remove the stock mufflers and set them aside.

NOTE: It may be necessary to use a penetrating lubricant to loosen the muffler from the head pipe.

- STEP 6** Find and unplug the O2 sensor wires from the wiring harness and remove cable tie holding front wire to frame. Feed the end of the wires through the frame so they are free from the motorcycle.

NOTE: Pay attention to wire routing for re-installation.

- STEP 7** Remove the right hand floor board.
- STEP 8** Remove the right hand passenger floor board.
- STEP 9** Remove the section of head pipe connecting the left side muffler and the mount bracket on the backside of the oil pan.
- STEP 10** Remove the rear head pipe clamp and mount clamp located behind the oil pan, set the 1/4"-20 x 3/4" screws aside for reuse.
- STEP 11** Install the crosspipe support bracket (stamped 515-P)(supplied) at the stock location behind the oil pan with the stock 1/4"-20 x 3/4" screws (PIC. 8). Do not fully tighten at this time.
- STEP 12** Loosen the nut and carriage bolt holding the front head pipe to the bracket on the transmission housing.
- STEP 13** Loosen the heat shield clamps on both front and rear exhaust pipes.
- STEP 14** Remove the two mounting nuts from each head pipe, located at the cylinder head. Carefully remove the head pipes and set them aside.
- STEP 15** Using a 7/8" or 22mm wrench, carefully remove the O2 sensors from the stock head pipes and save for re-use with the new system.
- STEP 16** Carefully remove the exhaust port flanges and circlips from the stock exhaust system using snapping pliers.

NOTE: Replace bent or damaged retaining rings. Check exhaust port gasket condition. Kuryakyn recommends replacing the exhaust gaskets with part number 482 for best performance.

- STEP 17** Replace the bracket on the transmission housing with new bracket (stamped 5205250- P) (supplied) and torque to 13-16 ft. lbs. (PIC. 1).

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STEP 18

Carefully remove the stock exhaust gaskets, and replace them with the supplied exhaust gaskets. For a high performance option use Kuryakyn part # 482 Wild Things/Cometic copper exhaust port gasket.

Kuryakyn

CAUTION! Every effort is made for Kuryakyn Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation instructions.

ATTENTION! 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.

CAUTION! 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.

CAUTION! 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.

CRUSHER TRUE DUALS INSTALLATION

STEP 1 Remove head pipes and heat shields from protective packaging. Place each heat shield on a non-abrasive surface such as blanket or carpet. Using a felt tip pen, mark outside edge of each heat shield to show location of mounting clips that hose clamps will loop through (PIC. 2).

STEP 2 The header assembly (D570FC) will require heat shields stamped D570HC, D571HC, D572HC, D573HC and Power Cell Heat Shield. The remaining heat shield D557HC will be used on the crosspipe header (D557FC)

STEP 3 Lay head pipes into heat shields and loosely install the #20 hose clamps (supplied) into mounting clips (PIC. 3). Screw heads should be accessible when the system is installed on motorcycle for adjustment purposes (PIC. 4). Do not tighten at this time.

NOTE: The D573HC heat shield should be installed with the scalloped end towards the collector.

STEP 4 The Power Cell heat shield uses the #24 hose clamps and can be installed after header is installed.

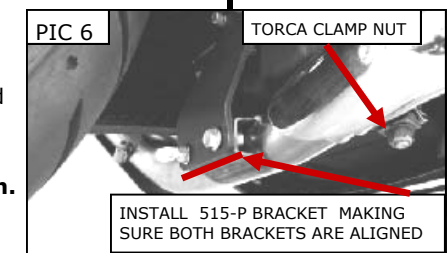
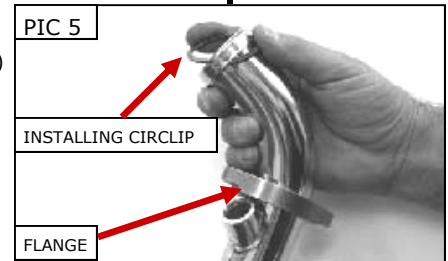
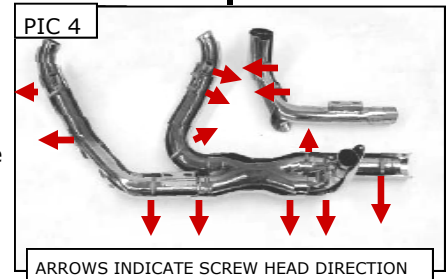
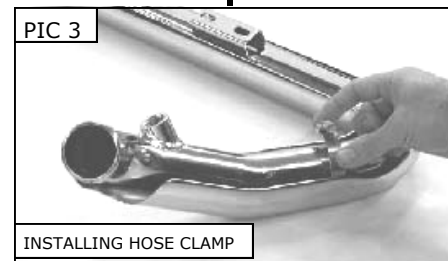
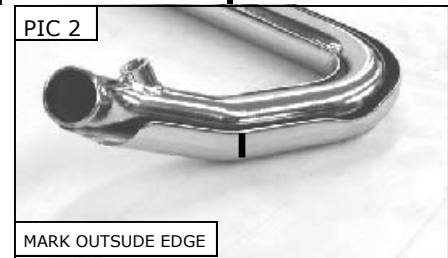
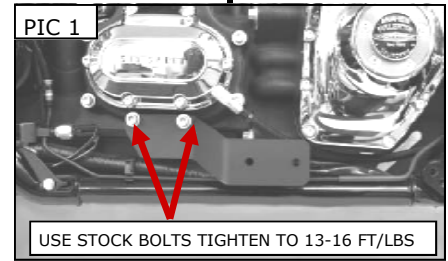
STEP 5 Apply a small amount of anti-seize compound to the threads of the O2 sensors and install them into the new head pipes.

NOTE: Be careful not to get anti-seize on sensor tip, it may affect sensor function.

STEP 6 Install circlips and flanges from stock system onto both new head pipes (PIC. 5).

STEP 7 Using stock flange nuts, carefully install head pipes onto motorcycle. Do not tighten at this time.

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CRUSHER DUALS with POWER CELL INSTALLATION

- STEP 8** Use the nut plates and 5/16" x 5/8" flange bolts (supplied) to attach the pipes to the bracket. Do not tighten at this time.
- STEP 9** Tighten the exhaust port flange nuts and the 5/16" x 5/8" flange head bolts.
- STEP 10** Install the Torca Band Clamp (supplied), with the nut facing down, on the expanded end of the front head pipe (PIC. 6).
- STEP 11** Carefully slip the end of D557FC crosspipe (supplied) into the expanded portion of the front head pipe and using the remaining nut plate and 5/16" x 5/8" flange head bolts (supplied) attach the pipe to the bracket. (PIC 6)

NOTE: The edges of the two brackets should be even.

- STEP 12** Install the mufflers of your choice onto both head pipes and secure with the stock 5/16" bolts and lock washers.
- STEP 13** Check alignment of mufflers and make corrections as required. Tighten the stock 1/4"-20 screws securing the bracket to the oil pan and flange head bolts securing the crosspipe to the bracket.
- STEP 14** Plug the O2 sensor wires back into the wiring harness and route wires away from hot areas of the motorcycle. Use the nylon cable tie (supplied) to secure the front O2 sensor wire to the frame.
- STEP 15** Re-install the right hand floor board using the Stock 3/8"-16 x 1 1/4" bolt, 3/8"- 16 x 3" bolt with lock washer (supplied) and the two 1" x 3/16" large washers (supplied) on each of the two 3/8" socket head bolts.
- STEP 16** Re-install the right side passenger floor board. Re-install the saddlebags. Be sure to tighten all hardware before starting your motorcycle.
- STEP 17** After installation and before starting the motorcycle, completely clean pipes and mufflers with cleaning solvent and a clean soft cloth that will not leave residue.

ATTENTION! Any residue, oil, or fingerprints will stain the chrome when the metal heats up.

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

ATTENTION! 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 Kuryakyn 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.**