



Instruction Disclaimer

Dennis Kirk provides instructions to help our customers better understand how to install the products we sell. The instructions are exact copies of what the manufacturer includes with the product being sold.

That means the quality and accuracy of the instructions is solely dependent on what the manufacturer produces. We do our best to make the text legible and the pictures viewable. However, the end result depends largely on the quality of instructions the manufacturer provides.

Therefore, you will find that some instructions are not of the highest quality. Sometimes text is hard to read and pictures are not easy to see. At times you will find the overall look of the instructions to be less than professional. However, we feel it is better to provide what we have rather than provide nothing at all.

To the best of our knowledge the instructions and application information contained in the instructions is accurate. However, Dennis Kirk assumes no liability related to any errors that may be contained in the copy of the manufacturer's instructions we provide. Buyers are solely responsible to insure that product use is consistent with their application.

If you have any questions please contact us at customerservice@denniskirk.com or 800-969-7501 so we can further assist you regarding additional product information or any other business related questions.

Thank you for doing business with Dennis Kirk.



CRUSHER TRUE DUALS 476

FITS: '10-UP ELECTRA GLIDES, ROAD GLIDES, STREET GLIDES AND ROAD KINGS

PARTS INCLUDED

- 1 Mounting Bracket (stamped 514-P)
1 Mounting Bracket (stamped 515-P)
1 Front Header Assembly
1 Front Heatshield
1 Rear Header Assembly
1 Rear Heatshield
1 Crosspipe Header Assembly
1 Crosspipe Heatshield
1 3/8" -16 x 3" Socket Head Cap Screw (SHCS)
1 3/8" Lock Washer
1 Torca Band Clamp
1 Nylon Cable Tie
2 1" x 3/16" Flat Washers
2 Exhaust Gaskets
3 Nut Plates
6 5/16" Flange Head Bolt
9 #20 Hose Clamps

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.

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.

NOTE: Every effort is made for 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.

ATTENTION INSTALLER: (IF OTHER THAN OWNER), PLEASE FORWARD THIS INSTRUCTION SHEET TO THE OWNER OF THIS PRODUCT. THESE INSTRUCTIONS CONTAIN VALUABLE INFORMATION TO THE END USER

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

Flat Blade Screwdriver, 5/16" Nutdriver, Set of Combination Wrenches, Set of Hex Wrenches, Snapping Pliers, Ft./Lb. Torque Wrench, Set of Sockets and Ratchet

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

EXHAUST CARE

HELPFUL HINTS TO AVOID DISCOLORATION OF EXHAUST SYSTEM

WARNING! KÜRYAKYN 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.

1. Proper tuning is important. Carbureted bikes should be rejetted and fuel injected bikes tuned with an adjustable tuning system by an experienced tuner on a dyno with an exhaust gas analyzer. Harley Twin Cams run especially lean combined with a 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.

STOCK EXHAUST SYSTEM REMOVAL

STEP 1 Remove both left and right saddlebags and set them aside.

STEP 2 Loosen the bolt from the pinch clamp on the front end of each muffler.

STEP 3 Remove the two 5/16" bolts that mount the muffler to the saddlebag supports. Repeat this step on the opposite muffler.

STEP 4 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 5 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 6 Remove the right hand floor board.

STEP 7 Remove the right hand passenger floor board.

STEP 8 Remove the section of head pipe connecting the left side muffler and the mount bracket on the backside of the oil pan.

STEP 9 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 10 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.

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STEP 11 Loosen the nut and carriage bolt holding the front head pipe to the bracket on the transmission housing.

STEP 12 Loosen the heat shield clamps on both front and rear exhaust pipes.

STEP 13 Remove the two mounting nuts from each head pipe, located at the cylinder head. Carefully remove the head pipes and set them aside.

STEP 14 Carefully remove the O2 sensors from the stock head pipes and save for re-use with the new system.

STEP 15 Carefully remove the exhaust port flanges and circlips from the stock exhaust system using snapping pliers.

NOTE: If circlips look bent or twisted, replace them.

STEP 16 Replace the bracket on the transmission housing with new bracket (stamped 514-P)(supplied) and torque to 13-16 ft. lbs. (PIC. 1).

STEP 17 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.

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 Lay head pipes into heat shields and loosely install the #20 hose clamps (supplied) into mounting clips (PIC. 3).

NOTE: Screw heads should be accessible when the system is installed on motorcycle for adjustment purposes (PIC. 4). Do not tighten at this time.

STEP 3 Apply a small amount of anti-seize compound to the threads of the O2 sensors and install them into the new head pipes.

ATTENTION! Use the supplied anti-seize for any chrome-to-chrome fasteners; this will prevent galling and make future removal of fasteners easier.

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

STEP 4 Install circlips and flanges from stock system onto both new head pipes (PIC. 5).

STEP 5 Using stock flange nuts, carefully install head pipes onto motorcycle. Do not tighten at this time.

STEP 6 Use the nut plates and 5/16" x 5/8" flange bolts (supplied) to attach the pipes to the bracket (PIC. 6). Do not tighten at this time.

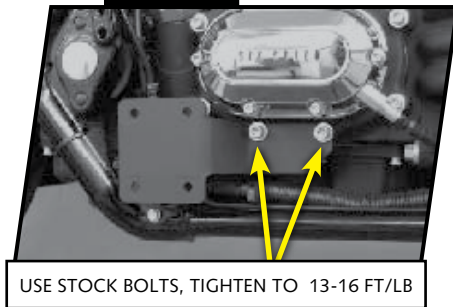
STEP 7 Align pipes on motorcycle so the gap between the two heat shields is parallel where they run together (PIC. 7). Tighten the exhaust port flange nuts and the 5/16" x 5/8" flange head bolts.

STEP 8 Install the Torca Band Clamp (supplied), with the nut facing down, on the expanded end of the front head pipe (PIC. 8).

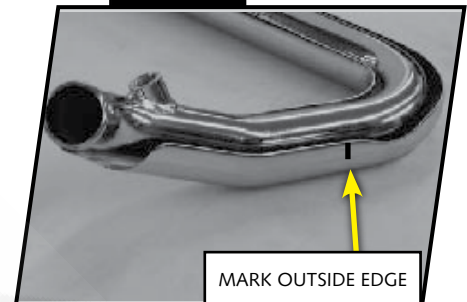
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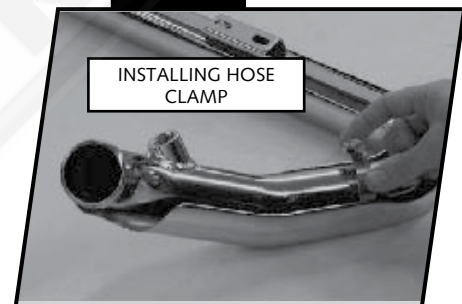
PIC. 1



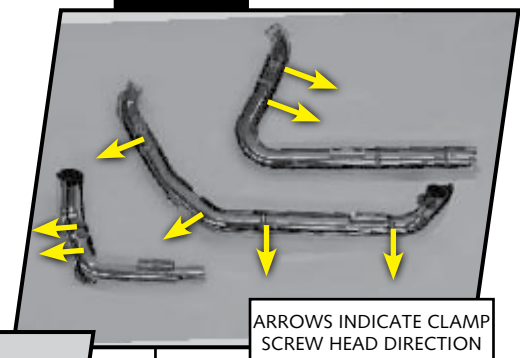
PIC. 2



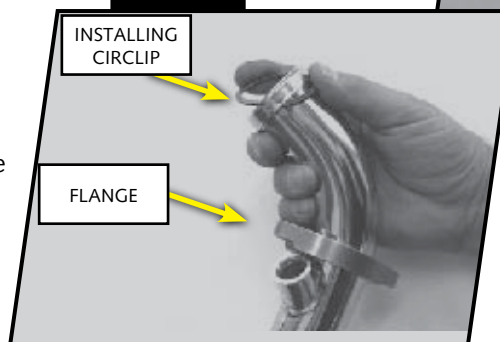
PIC. 3



PIC. 4



PIC. 5



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STEP 9 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.

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

STEP 10 Install the mufflers of your choice onto both head pipes and secure with the stock 5/16" bolts and lock washers.

STEP 11 Check alignment of mufflers and make corrections as required.

STEP 12 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 13 Tighten the all band clamps securing the crosspipe and the mufflers to the head pipes.

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" allen bolts.

STEP 16 Re-install the right side passenger floor board.

STEP 17 Re-install the saddlebags.

STEP 18 Be sure to tighten all hardware before starting your motorcycle. Retighten hardware after 2 or 3 heat cycles. Do not attempt to tighten while still hot. Let exhaust cool to room temperature.

STEP 19 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.

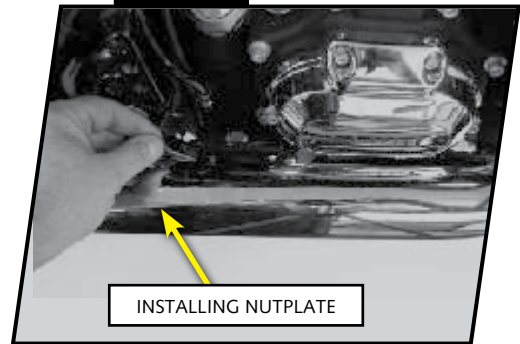
NOTE: The installation of any high performance air cleaner and/or exhaust system can cause a "lean" fuel/air mixture. A "lean" fuel/air mixture can cause engine overheating resulting in severe engine damage. It is highly recommended to install a programmable fuel/engine management system. Küryakyn recommends the TTS Mastertune or the Fuelpak from Vance and Hines.

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.

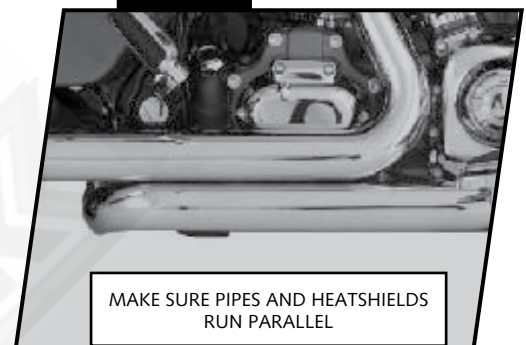
Ride On!

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PIC. 6



PIC. 7



PIC. 8



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