

CRUSHER® VELOCIRAPTOR® A/C FOR STREET 500 & 750, CHROME

9370

THANK YOU FOR CHOOSING KURYAKYN!

Protect yourself and others from possible injury and property damage or loss. Pay close attention to all instructions, warnings, cautions, and notices regarding the installation, 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 MINOR OR MODERATE POTENTIAL INJURY.

NOTICE THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN MAY NEGATIVELY AFFECT PRODUCT PERFORMANCE AND FUNCTIONALITY OR DAMAGE THE PRODUCT ITSELF OR THE PRODUCT TO WHICH IT IS BEING ATTACHED.

ENSURE THAT THE FOLLOWING PARTS HAVE BEEN INCLUDED IN THE KIT:

- | | | | |
|---|----------------------|---|---|
| 1 | Air Cleaner Assembly | 1 | Hardware kit, containing: |
| 1 | Round Flat Filter | 1 | Throttle Body Gasket |
| 1 | Adapter | 1 | Adapter Gasket |
| 1 | Bracket | 2 | M5 X .8mm X 16mm Socket Head Cap Screw |
| | | 4 | M6 X 1.0mm X 12mm Socket Head Cap Screw |
| | | 1 | M6 X 1.0mm X 20mm Socket Head Cap Screw |

YOU WILL ALSO NEED:

Metric hex socket bit and socket set, ratchet

NOTICE THESE INSTALLATION INSTRUCTIONS CONTAIN IMPORTANT INFORMATION. ENSURE THE END USER RECEIVES THIS COPY AND IS AWARE OF ITS IMPORTANCE FOR FUTURE USE.

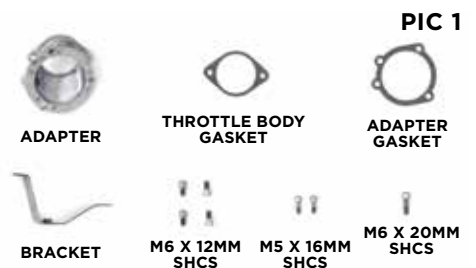
STEP 1 Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface and turn IGN **OFF**. Allow the engine and exhaust system to cool. Remove the main fuse.

WARNING THE END USER'S SAFETY DEPENDS UPON PROPER INSTALLATION OF THIS PRODUCT. IF A STEP IN THESE INSTRUCTIONS IS NOT WITHIN YOUR CAPABILITIES OR YOU DO NOT HAVE THE CORRECT TOOLS, HAVE YOUR DEALER PERFORM THE PROCEDURE. IMPROPER INSTALLATION OF THIS PRODUCT COULD RESULT IN DEATH OR SERIOUS INJURY.

ACCIDENTAL VEHICLE START-UP COULD CAUSE DEATH OR SERIOUS INJURY, REMOVE THE MAIN FUSE BEFORE PROCEEDING.

INSTALLATION REQUIRES CONTACT WITH THE EXHAUST SYSTEM. ENSURE THAT THE EXHAUST SYSTEM HAS FULLY COOLED BEFORE BEGINNING TO PREVENT INJURY.

STEP 2 Refer to PIC 2. Remove the existing air cleaner so that the intake flange is completely exposed. Carefully remove any existing gasket material from the flange. Ensure that the flange is clean and dry.

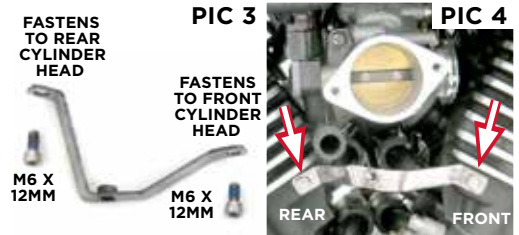


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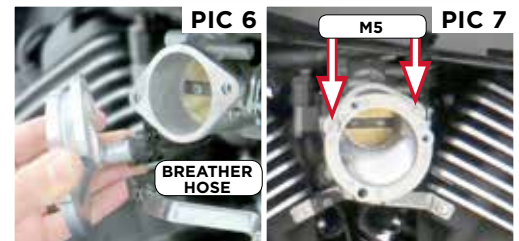
STEP 3 Refer to PIC 3 and 4. Locate provided bracket and two (2) M6 x 12mm Socket Head Cap Screws. Align the bracket with the mounting holes on the cylinder heads, located below the throttle body. Be sure the steeper bent arm of the bracket attaches to the rear cylinder head.



STEP 4 Refer to PIC 5. Locate the provided Throttle Body Gasket and Adapter. Remove and discard the adhesive backing from the included gasket. On the back side of the Adapter, align the gasket with the adapter flange and press it into place.



STEP 5 Refer to PIC 5 and 6. Locate the breather hose that was attached to the previous air cleaner. Loosen the clamp on the breather hose and insert the inlet pipe, on the back side of the adapter, into the breather hose. Secure the clamp around the inlet pipe.



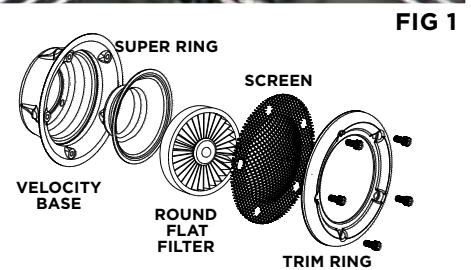
STEP 6 Refer to PIC 7. Locate provided two (2) M5 Socket Head Cap Screws. Align and fasten the Adapter to the throttle body.

STEP 7 Refer to PIC 8. Locate the provided Adapter Gasket. Remove and discard the adhesive backing from the included gasket; align it with the adapter flange and press it into place.



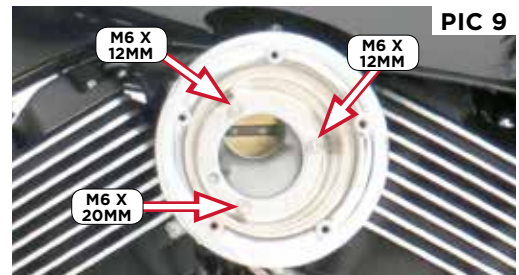
STEP 8 Refer to FIG 1. Completely disassemble the Velociraptor Assembly. Make note as to how it is assembled, it will help for reassembly.

- (5) 1/4"-20 x 1/2" Socket Head Cap Screws
- Trim Ring
- Screen
- Round Flat Filter
- Super Ring
- Velocity Base



STEP 9 Refer to FIG 1. Locate provided two (2) M6 x 12mm and one (1) M6 x 20mm Socket Head Cap Screws, and the Velocity Base that was removed from the assembly in Step 8.

STEP 10 Refer to PIC 9. Insert the two (2) M6 x 12mm screws through the top two (2) Velocity Base mounting holes. Insert the M6 x 20mm screw in the lower left mounting hole of the Velocity Base (fastens to bracket).



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STEP 11 Align the Velocity Base and intake flange; secure the assembly to the intake flange with the three screws. **DO NOT** over tighten the screws!

STEP 12 Refer to FIG 1. Locate the included Super Ring. “Snap” the Ring into place on the Velocity Base; ensure it is secure before continuing.

STEP 13 Refer to PIC 10 through 12. Locate the included Round Flat Filter, Screen, and Trim Ring. Place the Filter in the Velocity Base; align the holes in the Screen with the Outer Ring; cover the Filter with the Screen and Trim Ring; secure with the five (5) 1/4”-20 x 1/2” Socket Head Cap Screws.

STEP 14 Reinstall the main fuse. Double check the tightness of all related fasteners, check for hose clearance and check throttle for correct operation, making sure it returns properly, before starting bike.

⚠ WARNING FAILURE OF THE THROTTLE TO RETURN COULD RESULT IN LOSS OF CONTROL CAUSING SERIOUS INJURY OR DEATH.

NOTICE IT IS THE END USER’S RESPONSIBILITY TO ENSURE THAT ALL FASTENERS (INCLUDING PRE-ASSEMBLED) ARE TIGHTENED BEFORE OPERATION OF THE MOTORCYCLE. KURYAKYN WILL NOT PROVIDE WARRANTY COVERAGE ON PRODUCTS OR COMPONENTS LOST OR DAMAGED DUE TO IMPROPER INSTALLATION OR LACK OF MAINTENANCE. PERIODIC INSPECTION AND MAINTENANCE ARE REQUIRED ON ALL FASTENERS.

