



GLOSS BLACK VELOCIRAPTOR AIR CLEANER for YAMAHA

9519

THANK YOU FOR CHOOSING KÜRYAKYN!

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.

MAKE SURE THE FOLLOWING PARTS HAVE BEEN INCLUDED IN THE KIT:

- 1 Gloss Black Velocity Base
- 1 Super Ring
- 1 Screen
- 1 Velocity Cap
- 8 1/4"-20 X 1/2" Socket Head Cap Screws
- 1 Filter Element
- 1 Air Cleaner Adapter
- 1 Inlet Flow Plate — Rubber
- 1 Support Bracket
- 1 Gasket
- 1 1/2" Elbow Hose Fitting
- 1 Hardware Kit containing:
  - 1 M6 X 1.0 X 30MM Socket Head Cap Screw
  - 1 Flat Washer
  - 2 M5 X 0.8 X 14MM Socket Head Cap Screws
  - 2 M5 Split Lock Washers
- 1 Installation Instructions

REFER TO FIG 1 ON PAGE 3. FAMILIARIZE YOURSELF WITH THE PARTS IN THE KIT BEFORE INSTALLATION.

TOOLS SUGGESTED:

Set of metric hex wrenches, metric socket set and ratchet, metric combination wrenches, Phillips head screw driver

NOTICE

These installation instructions contain important information. Ensure that the end user receives this copy and is aware of its importance for future reference.

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. Allow the engine and exhaust system to 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.

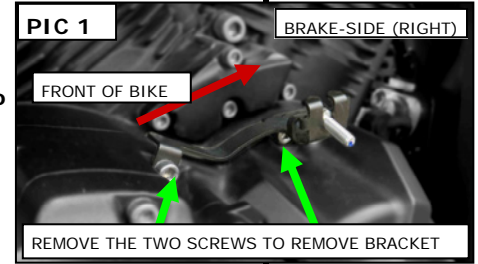
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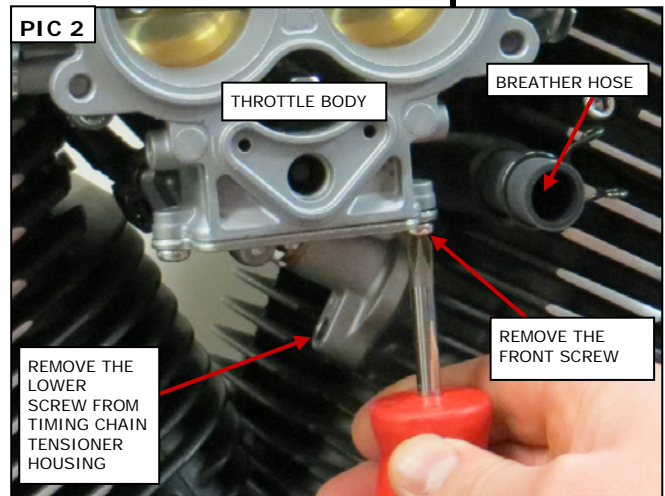
Working around the sharp edges of the cylinder-head fins exposes your hands to injury. Wear protective gloves to prevent serious injury.

**STEP 2** Remove existing air cleaner cover, filter element, and backing plate; save the three socket head cap screws for later use.

**OPTIONAL:** (950 Models Except Bolt) — Refer to **PIC 1**. Remove the two screws to remove the OEM support bracket, it will not be used; reinstall and tighten the screws. Refer to the service manual for correct torque specs.



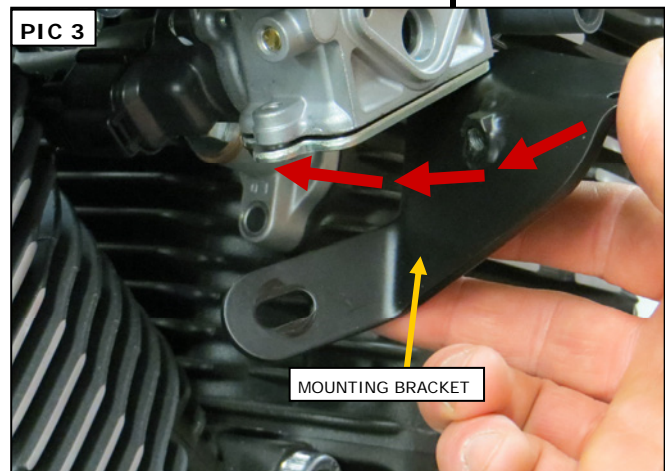
**STEP 3** Refer to **PIC 2**. Disconnect the breather hose from the backside of the backing plate. Ensure the spring clip remains on the hose; it will be reused. Set the backing plate aside, it will not be reused.



**STEP 4** Refer to **PIC 2**. Remove the lower screw from the timing chain tensioner housing. Set the screw aside; it will not be reused.

**STEP 5** Refer to **PIC 2**. Remove the front Phillips head screw from the bottom of the throttle body. Set the screw aside; it will not be reused.

**STEP 6** Refer to **PIC 3**. Locate the included Mounting Bracket. Secure the Mounting Bracket to the underside of the throttle body with an included M5 X 0.8 X 14MM Socket Head Cap Screw and M5 Split Lock Washer. Leave the Screw finger tight for now.

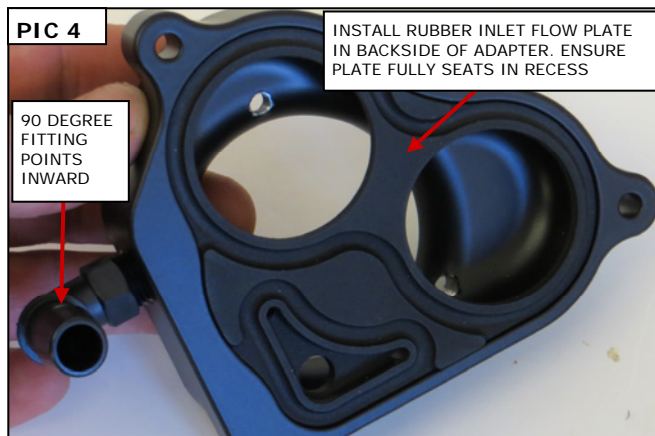


**NOTE:** Remove one Phillips head screw at a time to prevent dislodging the plate and O-ring it secures.

**STEP 7** Remove the rear screw from the underside of the throttle body. Refer to **PIC 3**. Swing the Mounting Bracket in until the holes align; secure the Bracket with the other M5 Screw and Lock Washer. Leave the Screw snug for now.

**STEP 8** Align the Mounting Bracket slot with the hole in the timing chain tensioner housing; thread the included M6 Socket Head Cap Screw with Flat Washer through the slot and into the tensioner housing. Leave the Screw snug for now.

**STEP 9** Tighten the two M5 Screws from **STEP 6 and 7**. Do NOT over tighten the Screws. Tighten the M6 Screw from **STEP 8**.



**STEP 10** Refer to **PIC 4**. Thread the included 1/2" Elbow Hose Fitting into the included Air Cleaner Adapter. Ensure the Fitting points inward when installed.

**STEP 11** Refer to **PIC 4**. Install the included Rubber Inlet Flow Plate in the Adapter as shown.

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**STEP 12**

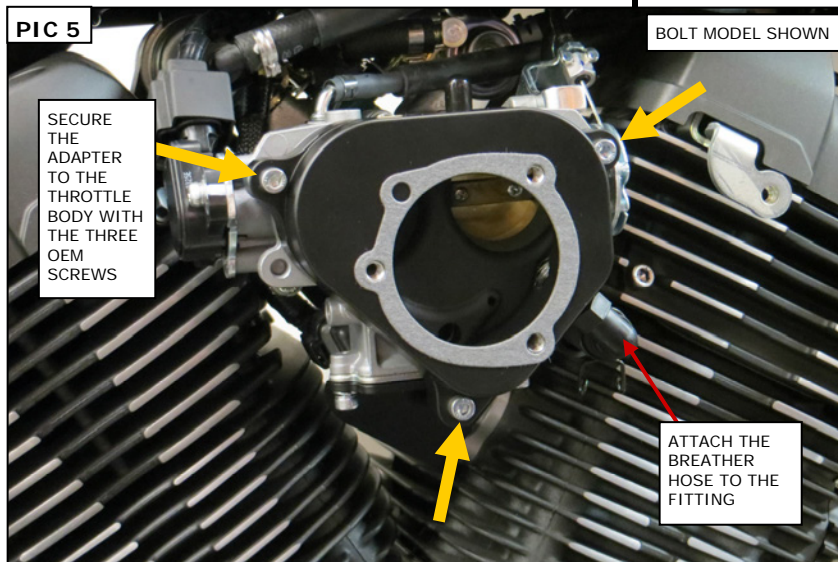
Refer to **PIC 5**. Hold the Adapter assembly up to the throttle body; attach the breather hose to the Elbow Fitting and secure it with the hose clip.

**STEP 13**

Position the Adapter so that the Rubber Plate interlocks with the flange on the throttle body.

**STEP 14**

Refer to **PIC 5**. Secure the Adapter to the throttle body with the three OEM screws removed in **STEP 2**. Leave the screws loose until all three have been started, then tighten.



**STEP 15**

Refer to **FIG 1**. Completely disassemble the Velociraptor Air Cleaner, pay attention to the location of the parts, as it will be reassembled in reverse order.

**STEP 16**

Refer to **FIG 1**. Locate the Velocity Base. Insert the three included 1/4"-20 X 1/2" Socket Head Cap Screws through the inside of the Base.

Locate the included Gasket, align the holes on the backside of the Base; place it over the protruding Screw ends.

**STEP 17**

Align the Screws with the holes and attach the Base to the Adapter; leave the three Screws loose until all have been started in their threads, then tighten the Screws.

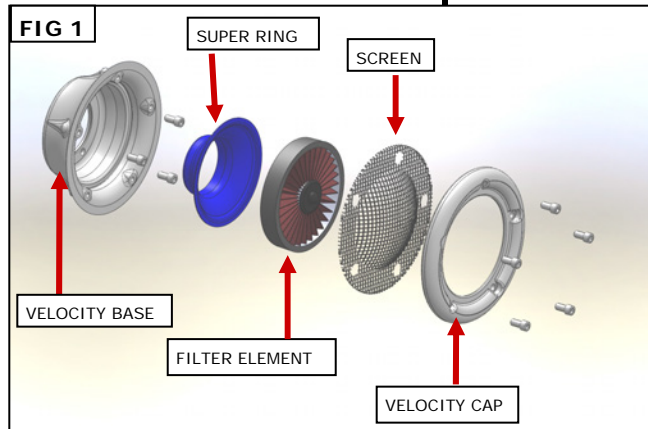
**STEP 18**

Snap the Super Ring (shown in **BLUE** in **FIG 1**) into place inside the Velocity Base.

Install the Filter Element; place the Screen and Velocity Cap over the Filter and secure it all with the five included 1/4"-20 X 1/2" Socket Head Cap Screws.

**STEP 19**

Ensure there is sufficient hose clearance and check the throttle for correct operation, making sure it returns properly, **BEFORE** starting bike.



**NOTICE**

If the OEM exhaust system is replaced or altered (in addition to replacing the air cleaner), then install Kuryakyn P/N 9218 Wild Things Fuel Controller to prevent a "lean" fuel/air mixture that can result in over heating leading to engine damage.

**CAUTION**

Ensure that the installation of this product does not interfere with the proper operation of the motorcycle before riding.

**NOTICE**

It is the end user's responsibility to ensure that all of the fasteners (including pre-assembled) are tightened before operation of the motorcycle. Kuryakyn 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.

*Ride On!*