



## HYPERCHARGER FOR KAWASAKI 1500 9405

**FITS: ALL FUEL-INJECTED VN1500/1600 INCLUDING MEAN STREAK AND '04-UP 1600 NARAUDER/BOULEVARD M95**

PART #	INCLUDED
600164	1 Hypercharger Air Cleaner Assembly (H-D EFI Type)
400643	1 Adhesive Backed Air Cleaner Gasket
	1 Length of Vacuum Line
409441F	1 Manifold Adapter Front Plate
409442	2 Gasket
409441	1 Spacer
409441B	1 Manifold Adapter Body
409442G	1 Intake Gasket
909441	1 Hardware Kit Including:
	1 Front Throttle Body Support
	1 Rear Throttle Body Support
	1 5/16"-18 x 1-5/8" S.H.C.S. — Bright Stainless Steel
	1 1/4"-20 x 1-5/8" S.H.C.S. — Bright Stainless Steel
	1 M6 x 1.0 x 16mm Hex Head Bolt — Bright Stainless Steel
	1 M6 Locking Tab Washer — Bendable
	4 M6 x 1.0 x 16mm S.H.C.S. — Stainless
	1 3/8"-24 x 3/8" Set Screw
	1 5/16" x 2-1/4" S.H.C.S. — Bright Stainless Steel
	1 1/4"-20 x 2-1/4" S.H.C.S. — Bright Stainless Steel
	3 M6 x 1.0 x 45mm B.S.C.S.
	1 Nipple 1/4" NPT - Chrome
	1 Elbow 1/4" NPT - Chrome
309405	1 Installation Instructions

### THANK YOU FOR CHOOSING KÜRYAKYN!

**NOTE** The installation of this air cleaner may affect the fuel requirements of the engine. We strongly recommend the use of a "Techlusion" TFI control box for best performance and drivability. (Sold separately.)

### TOOLS SUGGESTED

Metric and SAE Allen Wrench Sets, Metric Combination Wrench Set, Kawasaki Factory Service Manual.

### IMPORTANT NOTES

This kit requires the removal of the complete stock air cleaner/intake tract up to the throttle body, as well as the "cold start circuit" components. If you wish to keep these parts for possible re-installation at a later date, the throttle body must be removed from the engine to remove the crossover duct. If you are certain these parts will not be reused, the flange ends of the crossover duct may be cut off using a hack saw blade. This method will significantly shorten the installation process. If you choose to keep the crossover duct in tact, you **MUST** refer to your shop manual as this is a complicated process. You may wish to have this installation performed by a qualified Kawasaki service technician if you are not completely confident in your ability to perform these procedures.

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**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:

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### 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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## PROCEDURE

**STEP 1** Remove the seat

**STEP 2** Disconnect the battery positive cable to prevent sparking that could cause ignition of spilled fuel, and personal injury.

**STEP 3** Remove the fuel tank.

**IMPORTANT-** Throughout this installation, we strongly recommend labeling all hoses, and the nipples they were removed from.

**STEP 4** Remove the intake ductwork, air inlet, right and left air cleaner housings, air cleaner, cold start components (see [PIC.1](#)), air mass sensor, and support bracketry. The wires that were unplugged from the cold start solenoids, may be neatly bundled and tucked out of harms way and out of sight. Be sure the terminals are insulated so they cannot short to any surrounding parts. Insert plugs (3/8" x 1/2" socket head bolts work well) into the two hoses that connected to the cold start circuit lines. (See [PIC.2](#).) Also unplug the crankcase breather hose from the right angle fitting at the bottom of this enclosure, and the large diameter hose from the fresh air injection valve. (Don't forget to label.) The fuel drain hose will not be re-used. [PIC.3](#) shows what you'll have left when all components are removed.

**STEP 5** From the hardware kit, find the front and rear support tabs and the four M6 x 1.0 x 16mm socket head cap screws. Install the support tabs to the threaded holes in each cylinder, and to the holes in the throttle body as shown in [PIC.4](#).

**STEP 6** From the hardware kit, find the M6 x 1.0 x 16mm hex bolt and lock tab washer. Also find the intake gasket (oval shape with two large holes) and the manifold adapter body. See [PIC.5](#). Screw the air temperature sensor into the back of the manifold adapter body. Place the intake gasket over the mouth of the throttle body so all holes line up. Insert the M6 hex bolt through the lock tab washer, and secure the adapter body to the throttle body, again making certain all holes line up perfectly. Tighten the hex bolt, but do not bend the lock tabs yet.

**STEP 7** Find the three M6 x 1.0 x 45mm button head cap screws from the hardware kit, as well as the two manifold body gaskets, the spacer plate, and the manifold front plate. Insert a gasket between all manifold body components, (body, spacer plate, and front plate), and using the top three holes, secure with the three button heads. Tighten securely. At this time, you may tighten the single hex bolt installed in Step 6, and bend the lock tab against one of the flats of the hex bolt. (See [PIC.6](#))

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**PIC.1**



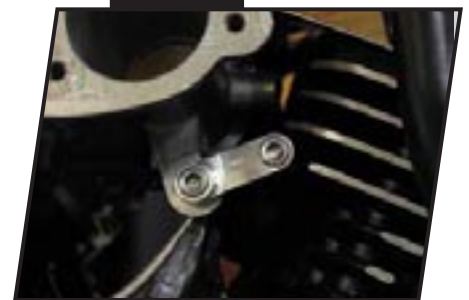
**PIC.2**



**PIC.3**



**PIC.4**



**PIC.5**



**PIC.6**



**PAGE**

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**KAWASAKI HYPERCHARGER**

**INSTALLATION**

**STEP 8** Observe the two threaded holes in the top of the Hypercharger. Both are drilled and tapped. Plug the rear hole using the 3/8"-24 set screw. Insert the 1/4" NPT elbow in the front hole so the threaded opening faces forward. Thread the nipple into this elbow so it faces forward.

**STEP 9** Remove the trap door from the front side of the Hypercharger. Affix one adhesive backed intake gasket over the opening in the back-side of the Hypercharger (PIC.7).

**STEP 10** Observe the mounting holes inside the Hypercharger. Note that they use two different diameter bolts, in a criss-cross pattern. The 1/4"-20 x 1-5/8" and 5/16"-18 x 1-5/8" socket heads are used in the top mounting holes, and the 1/4"-20 x 2-1/4", and 5/16"-18 x 2-1/4" socket heads are used in the bottom mounting holes. Mount the Hypercharger securely to the manifold body as in PIC.8.

**STEP 11** Replace the trap door on the Hypercharger.

**STEP 12** Install the crankcase breather hose onto the nipple from Step 8.

**STEP 13** The large fresh air hose (biggest diameter hose) will be left open — tuck it out of sight.

**STEP 14** See PIC.9. Attach the vacuum hose to this nipple, and run the hose down to the bottom front area of the Hypercharger. Attach as shown in PIC.10.

**STEP 15** Now is a good time to install the TFI control box (not included) if you choose to use one.

**STEP 16** Re-install the fuel tank, being certain all hoses are reattached to where they were removed.

**STEP 17** Re-connect the positive battery cable.

**STEP 18** Replace the seat.

**STEP 19** To attain best performance and drivability, we recommend tuning the fuel injection using a "Techlusion" TFI control box. (Sold separately.)

PIC.7



PIC.8



PIC.9



PIC.10



*Ride On!*

