

Thank you for purchasing this Cobra kit. This kit has been developed for a motorcycle which is set to the parameters listed at the right in the "Stage" description. If your motorcycle does not meet any of these parameters please check with Cobra before installation. For technical assistance contact Dynojet (800)-992-4993

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COBRA[®]
Anything's Possible

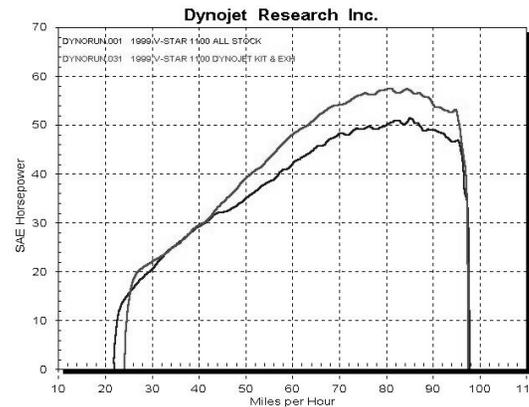
92-2170

U.S Models Only

1999-2008 Yamaha V-Star 1100

Stage 1

For mildly tuned machines using the stock airbox, with stock filter and Cobra exhaust system



This graph shows a typical gain with a Cobra jet kit.

WARNING

**NO SMOKING!
NO OPEN FLAME!
WHILE INSTALLING
YOUR JET KIT**

Parts List		
1	Main Jet	CJ104
1	Main Jet	CJ106
1	Main Jet	CJ108
1	Main Jet	CJ110
1	Main Jet	CJ112
2	Fuel Needles	DNO712
2	E-clips	DE0001
2	Adjusting Washers	DW0001
2	Needle Springs	DSP77
1	Plug	DJP001
1	Plug Drill	DD 5/32
1	Screw	DS0001

*For racing use only. Not for sale in the State of California.

STAGE ONE INSTRUCTIONS

1. Remove vacuum slide from carb. Remove stock needle and spacers, noting order of assembly (Fig.A).
2. Install the Cobra needles on groove #4 from the top. Use all stock spacers (Fig. A). The small Cobra washers are for half step increments and do not have to be installed at this time. **NOTE:** The DSP77 spring does not have to be used, they are supplied in case the stock springs are misplaced. After installing the slide in the carb be sure to check slide movement manually.
3. Remove the stock main jets and replace with the Cobra main jets provided. If you are running the Drag pipes **WITH** baffles or the Classic exhaust install the CJ108 in the front cylinder and the CJ106 in the rear cylinder. If you are running Drag pipes **WITHOUT** baffles use the CJ110 in the front cylinder and the CJ108 in the rear cylinder. Be sure that the jet you are changing is the main jet.
4. Locate the fuel mixture plug (Fig. B). If you see a screw head at Fig.B then proceed to the adjusting procedure. With the 5/32 drill bit provided carefully drill through the plug. **NOTE:** The mixture screw is directly underneath this plug, be ready to pull back on the drill the instant you break through. Use screw provided to secure and remove this plug. Carefully turn the mixture screw clockwise until lightly seated, then back out 3 turns.
5. Locate the hose shown in (Fig.C). The hose is located under the left side cover below the tool kit. The left engine cover shown in Fig.C should be removed for easier removal of the air injection canister. Insert the plug DJP001 in the hose shown in Fig. C, reinstall canister and side covers.

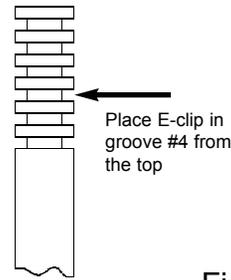


Fig. C

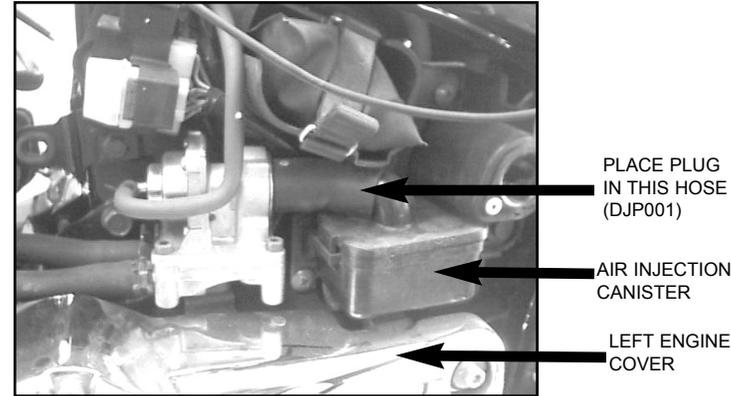


Fig. B

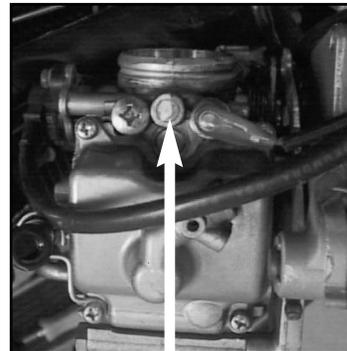


Fig. A

