

Thank you for purchasing this Dynojet 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 Dynojet before installation. For technical assistance contact your Dynojet distributor or call Dynojet U.S.A. (800)-992-4993

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Dynojet

4182.003

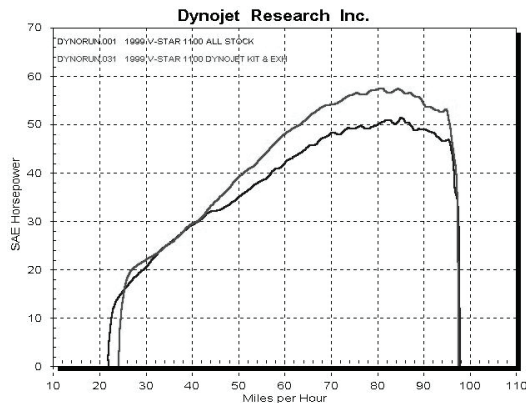
U.S Models Only

1999-2009 Yamaha XVS1100

V-Star

Stage 1

For mildly tuned machines using the stock airbox with stock or K&N filter. May also be used with a good aftermarket exhaust system
K&N filter #YA-0085 & YA-1199 99 ONLY



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

WARNING

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

PARTSLIST

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	Adjusting Washers	DW0001
2	E-Clips	DE0001
2	Needle Springs	DSP77
1	Plug	DJP001
1	Screw	DS0001
1	Plug Drill	DD 5/32

STAGE ONE INSTRUCTIONS

1. Remove the vacuum slides from the carbs. Remove the stock needles and spacers noting the order of assembly (Fig.A).

2. Install the Dynojet needles on groove #4. Use all the stock spacers (Fig. A). The small Dynojet washer is for half step increment adjustments and does not need to be installed at this time. **Note:** The DSP77 spring does not have to be used, it is supplied in case the stock spring is misplaced. After installing slide in the carb be sure to check slide movement manually.

3. Install the Dynojet main jet provided. If you are running the stock exhaust use the CJ106 main jet in the front cylinder and the CJ104 main jet in the rear cylinder. if you are running an aftermarket exhaust with high flowing baffle, use the CJ110 main jet in the front cylinder and the CJ108 main jet in the rear cylinder. Be sure that the jet you are changing is the main jet.

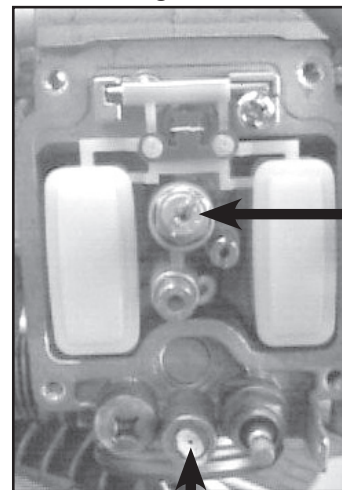
4. Locate the fuel mixture plug (Fig. B), if you see a screw head at Fig. B proceed to the adjusting procedure. With the DD #5/32 drill provided, carefully drill through the plug. **Note:** The mixture screw is directly underneath this plug, be ready to pull back on the drill the instant you break through. Use screw provided to secure and remove this plug. Carefully turn mixture screw in 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.

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Fig. B



MAIN JET

FUEL MIXTURE
SCREW PLUG

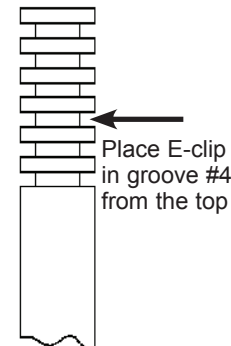
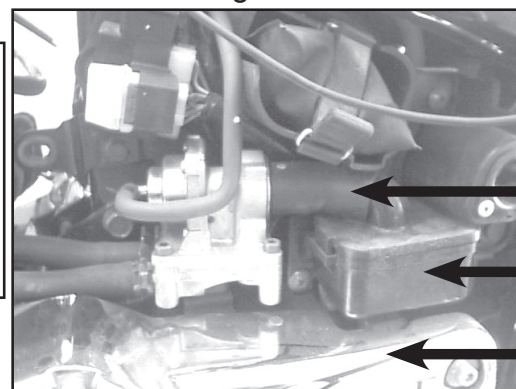


Fig. C



PLACE PLUG
IN THIS HOSE
(DJP001)

AIR INJECTION
CANISTER

LEFT ENGINE
COVER

Fig. A

