

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

2191 Mendenhall Dr. Suite 105  
 North Las Vegas, NV 89031  
 TEL: 702-399-1423  
 FAX: 702-399-1431  
 8am-5pm Pacific Time  
 Monday through Friday

Website Address  
<http://www.dynojet.com>

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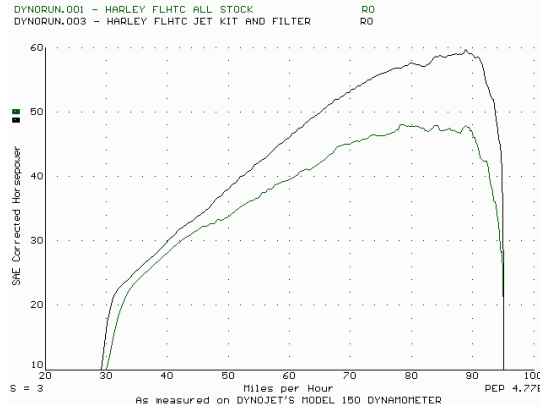


8105.006

U.S models only

*Harley Davidson*  
 96-01 883,1200 & 96-00 1340  
 Keihin CV Carb w/Accel. Pump

For mildly tuned machines using the stock or high flow airbox. May also be used with a good aftermarket exhaust system.



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

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

Parts List		
1	Main Jet	DJ150
1	Main Jet	DJ160
1	Main Jet	DJ170
1	Main Jet	DJ180
1	Main Jet	DJ190
1	Main Jet	DJ200
1	Fuel Needle	DNO855
1	E-Clip	DE0001
3	Adjusting Washers	DW0001
1	Emulsion Tube	DET001
1	Slide Spring	DSP009
1	Thunder Nozzle	THNOZ2
1	Check Ball	BB #1/8
1	Check Ball Weight	DW070
1	Slide Drill	DD #29
1	Plug Drill	DD #5/32
1	Screw	DS0001
1	Thunder Nozzle Instructions	DI8105S

## STAGE ONE INSTRUCTIONS

DYNOJET

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1. Remove the vacuum slide from the carb. Remove the stock needle & spacers, noting the order of assembly. Locate the slide lift hole using Fig. A. With drill bit provided (DD #29) enlarge your slide lift hole. **Do not drill the needle hole.**
2. Install the Dynojet needle on groove #3. Install the Dynojet washers above the e-clip (Fig. A). Install the Dynojet spring (DSP009) in place of the stock spring, making sure spring is aligned properly. With certain engine modifications you may experience better fuel mileage with the stock slide spring.
3. Remove the stock main jet and remove the emulsion tube (Fig. B), sometimes referred to as the main jet holder. Replace the stock emulsion tube with the Dynojet emulsion tube provided (DET001). When the Dynojet emulsion tube is fully seated there will still be threads visible. Install the Dynojet main jet provided. Use the DJ160 main jet with a completely stock bike. Use the DJ170 main jet with aftermarket exhaust or airbox. With an aftermarket exhaust, airbox and cam use the DJ180 main jet. With engine modifications, ie: cam, head work, airbox, and high flow aftermarket exhaust, it may be necessary to use the DJ190 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 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 mixture screw in until lightly seated, then back out 3 turns.  
**Note:** If the mixture screw setting exceeds 3-1/2 turns to achieve low speed driveability when running a free flowing aftermarket exhaust and/or other modifications, install a .45 slow jet.

Refer to page DI8105S for the Thunder Nozzle installation instructions. **NOTE:** For all 1999 Softails and FXRs you need to determine which accelerator pump system your carb has. Locate the carburetor part number (Fig. C). If your carburetor is part number 27492-96A and the set mark is 94TA, proceed with the Thunder Nozzle installation procedure. If your part number is 27492-96A and the set mark is 92DA, **DO NOT** install the Thunder Nozzle, weight or the BB.

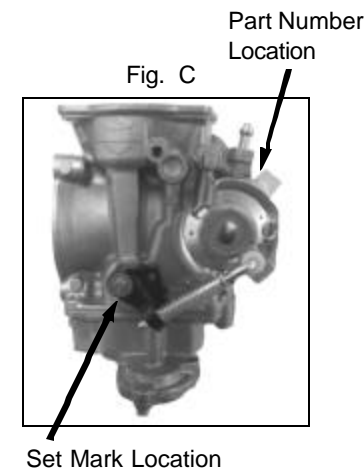


Fig. A

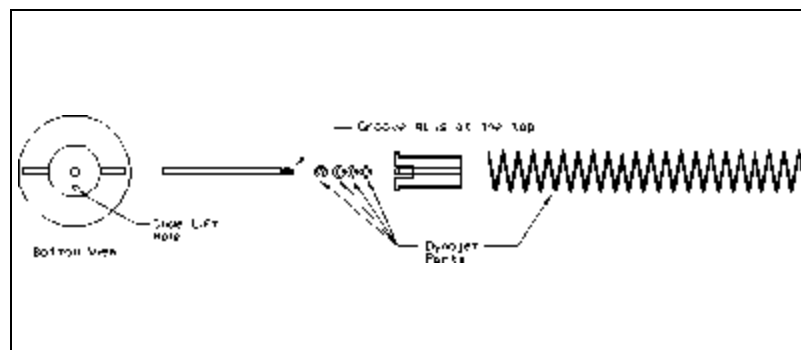
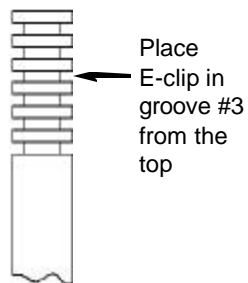
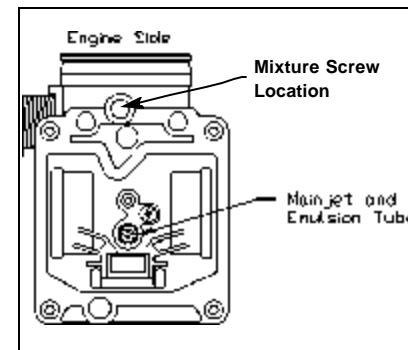


Fig. B



## THUNDER NOZZLE INSTALLATION INSTRUCTIONS

**DYNOJET**  
DI8105S.006

1. Remove the carburetor from the motorcycle and remove the float bowl from the carburetor.
2. Carefully remove the float bowl gasket and save for reinstallation.
3. Using a vice clamp, clamp onto the stock accelerator pump nozzle and remove by twisting and pulling it out of the float bowl (Fig. A).
4. Remove the stock check valve from the carburetor.
5. Install the check ball (BB #1/8) and check weight (DW070) in the float bowl (Fig. B).
6. Press the Dynojet Thunder Nozzle into the accelerator pump nozzle hole. The spray hole in the nozzle should face the brass float bowl drain tube (Fig. C), and lightly tap into place with a small hammer (Fig. D).
7. Carefully reinstall the float bowl gasket and float bowl.

Fig. D



Fig. A

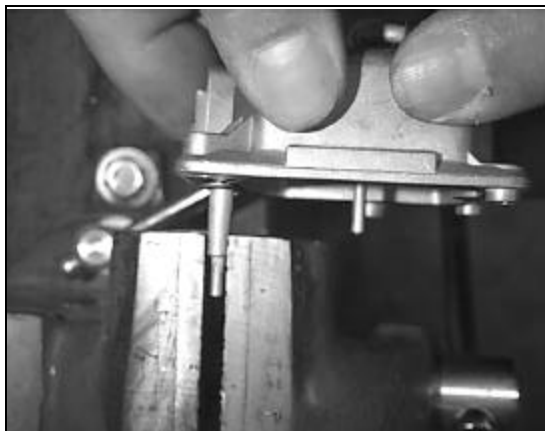


Fig. B

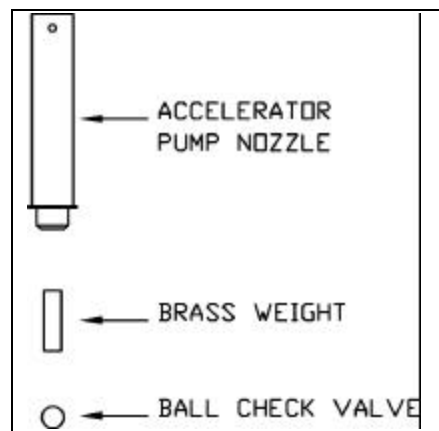


Fig. C

