

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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8106.003  
 U.S models only

1996-98 Buell S1 Lightning &  
 1997 Buell S3  
 Keihin CV Carb

For mildly tuned machines using the stock or high flow airbox and or filter. 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	BJ170
1	Main Jet	BJ185
1	Main Jet	BJ190
1	Fuel Needle	DNO891
1	E-Clip	DE0001
3	Adjusting Washers	DW0001
1	Emulsion Tube	DET007
1	Slide Spring	DSP088
1	Slide Drill	DD #29
1	Slow Jet	DJSJ045
1	Plug Drill	DD #5/32
1	Screw	DS0001

## STAGE ONE INSTRUCTIONS

**DYNOJET**  
8106.003

1. Remove the carb top, slide spring, needle retainer and slide noting order of assembly (Fig. A). Locate the slide lift hole in Fig. A. Using the drill bit provided (DD #29) enlarge the slide lift hole
2. Install the e-clip on groove #5 of the Dynojet needle. Install the Dynojet washers above the e-clip. Install the Dynojet slide spring (DSP088) in place of the stock slide spring. Make sure the spring is aligned properly.
3. Remove the carburetor float bowl. Remove the stock main jet and emulsion tube (Fig. B), sometimes referred to as the main jet holder. Replace the stock emulsion tube with the Dynojet emulsion tube provided (DET007). When the Dynojet emulsion tube is fully seated there will still be threads visible. Install the Dynojet main jet provided. Use BJ175 main jet with a completely stock bike. Use BJ185 main jet with an aftermarket airbox or exhaust. With an aftermarket exhaust and airbox use the BJ190 main jet.
4. Install the Dynojet slow jet (DJSJ045) provided. Reinstall the float bowl gasket and float bowl.
5. Locate the fuel mixture plug (Fig. B), if you see a screw head at Fig. B proceed to the adjusting procedure. With the 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 2.5 turns if running the stock exhaust and 3 turns out if running an aftermarket exhaust.

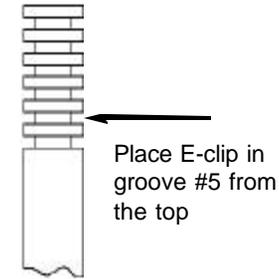


Fig. A

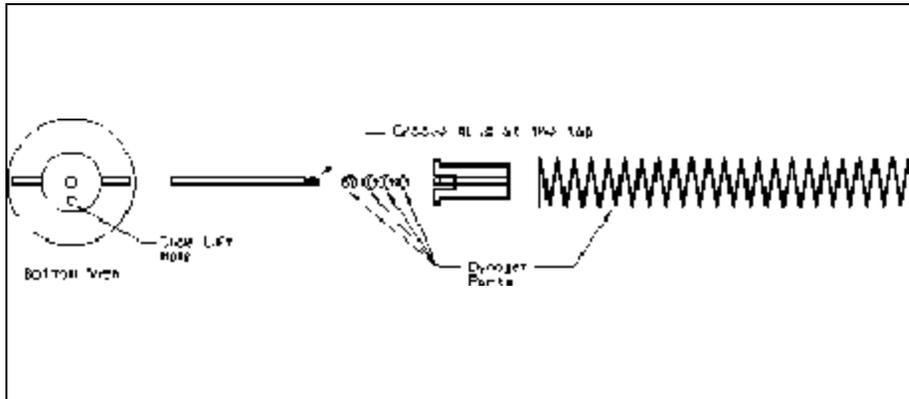


Fig. B

