

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>

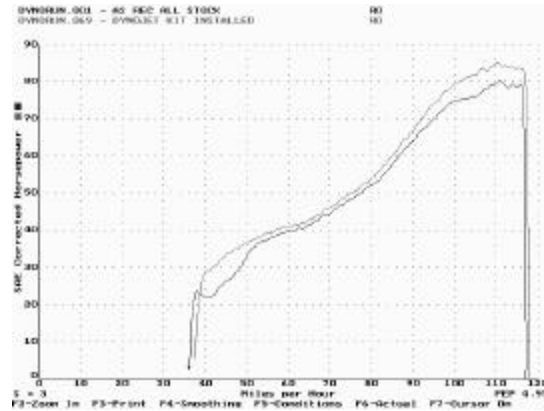
The manufacturer and seller make no warranties express or implied which extend beyond the description of the goods contained herein. Any description of this product is for the purpose of identifying it and shall not be deemed to create an express warranty.



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.

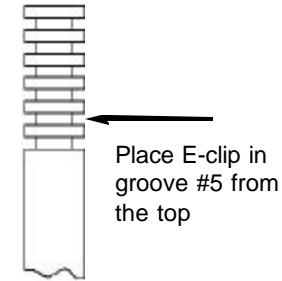


Fig. A

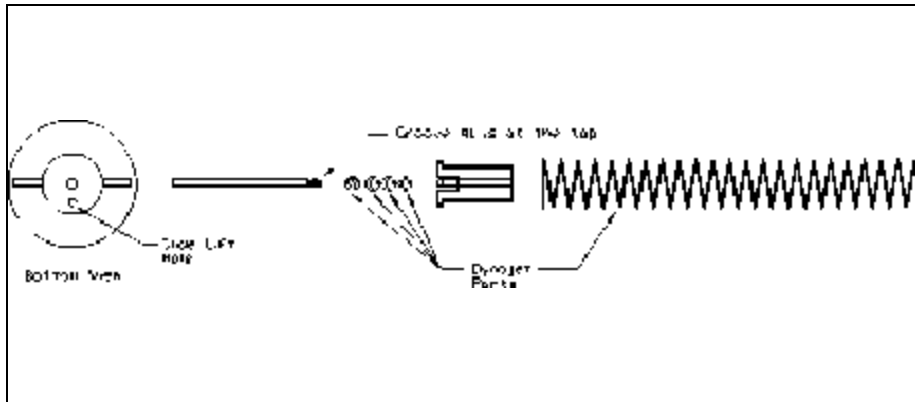


Fig. B

