

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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**2128.003**

U.S. Models Only

**1987-2009 Kawasaki EX500 &  
 1991-2006 EN500**

**Stage 1&3**

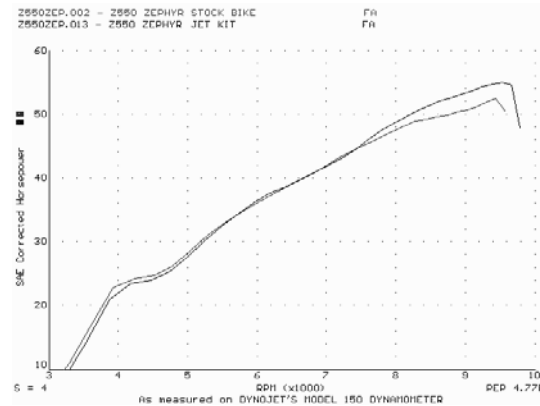
**STAGE 1**

For mildly tuned machines using the stock airbox, with stock or K&N filter #KA-5087 (EX500)

**STAGE 3**

For mildly tuned machines using individual filters or velocity stacks. K&N filters #RC-0982 (EX500)

**Both stages may be used with a good aftermarket exhaust**



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

# WARNING

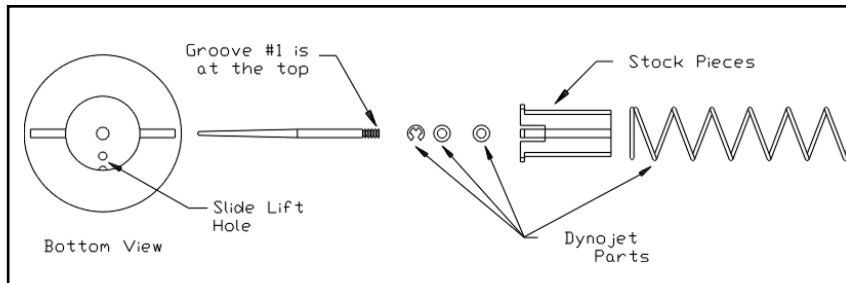
**NO SMOKING!  
 NO OPEN FLAME!  
 WHILE INSTALLING  
 YOUR DYNOJET KIT**

<b>Parts List</b>		
2	Main Jets	DJ122
2	Main Jets	DJ126
2	Main Jets	DJ136
2	Main Jets	DJ140
2	Fuel Needles	DNO225
2	Slide Springs	DSP005
2	E-clips	DE0001
4	Adjusting Washers	DW0001
1	Slide Drill	DD 30
1	Plug Drill	DD 5/32
1	Screw	DS0001

**STAGE ONE INSTRUCTIONS**

1. Remove the vacuum slides from the carbs. Remove the stock needles and spacers, noting order of assembly (Fig.A).
2. Locate your slide lift hole (Fig. A) Use the drill bit provided (DD #30) to enlarge your slide lift holes. **Do not** drill the needle hole.
3. Install the Dynojet needles on groove #3 from the top. Use all stock spacers (Fig. A). Install the small Dynojet washers above the e-clip (2 per needle). Install the Dynojet slide springs (DSP005) in place of the stock slide springs for the EX500 (do not use on the EN500). After installing the slides in the carbs be sure to check slide movement manually.
4. Remove the stock main jets and replace with the Dynojet main jets provided. If you are running the stock exhaust install the DJ122 main jets. If you are running an aftermarket exhaust or slip-ons with high flowing baffles use the DJ126 main jets. Be sure that the jet you are changing is the main jet.
5. 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 2.5 turns.

Fig. A



**STAGE THREE INSTRUCTIONS**

1. Remove the vacuum slides from the carbs. Remove the stock needles and spacers, noting order of assembly (Fig.A).
2. Locate your slide lift hole (Fig. A) Use the drill bit provided (DD #30) to enlarge your slide lift holes.
3. Install the Dynojet needles on groove #3 from the top. Use all stock spacers (Fig. A). Install the small Dynojet washers above the e-clip (2 per needle). Install the Dynojet slide springs (DSP005) in place of the stock springs for the EX500 (do not use on the EN500). After installing the slides in the carbs be sure to check slide movement manually before air box installation.
4. Remove the stock main jets and replace with the Dynojet main jets provided. If you are running the stock exhaust install the DJ136 main jets. If you are running an aftermarket exhaust or slip-ons with high flowing baffles use the DJ140 main jets. Be sure that the jet you are changing is the main jet.
5. 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 2.5 turns.

Fig. B

