

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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**4109.002**

U.S. Models Only

*1985 Yamaha FJ1100*

**Stage 1 & 3**

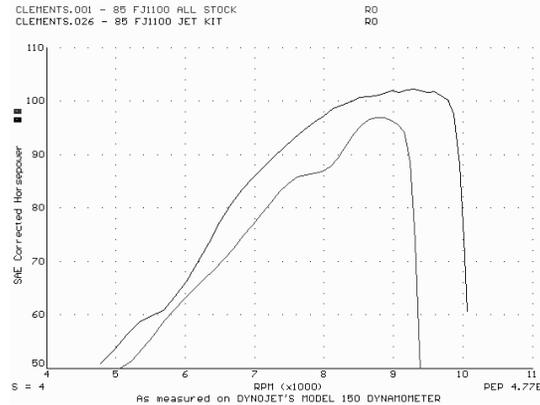
**STAGE 1**

For mildly tuned machines using the stock airbox, with stock or K&N filter #YA-1184

**STAGE 3**

For mildly tuned machines using individual filters or velocity stacks. K&N filters #RC-2814

**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**

| Parts List |                   |          |
|------------|-------------------|----------|
| 4          | Main Jets         | DJ110    |
| 4          | Main Jets         | DJ114    |
| 4          | Main Jets         | DJ120    |
| 4          | Main Jets         | DJ124    |
| 4          | Pilot Air Jets    | DJ144    |
| 1          | Slide Drill       | DD #19   |
| 4          | Fuel Needles      | DNT701   |
| 4          | Adjusting Washers | DW0001   |
| 4          | E-clips           | DE0001   |
| 1          | Plug Drill        | DD #5/32 |
| 1          | Screw             | DS0001   |

## STAGE ONE INSTRUCTIONS

1. Remove the vacuum slide from the carbs.  
Remove the stock needles & spacers, noting the order of assembly. Use the DD #19 drill bit provided to enlarge slide lift holes (Fig. A).

2. Install the Dynojet needles on groove #2, using all stock spacers (Fig. A). Install the Dynojet washers above the e-clip.

3. Remove the main jet and replace with the Dynojet main jets provided. Use the DJ110 main jets with stock exhaust, or use the DJ114 main jets with free flowing aftermarket exhaust. Be sure that the jets you are changing are the main jets.

4. Locate the fuel Mixture plug (Fig. B), if you see a screw head, proceed to adjusting procedure. With the DD #5/32 drill bit provided, carefully drill through the plugs. NOTE: the mixture screw is directly underneath this plug, be ready to pull back on the drill the instant you break thru. Use screw provided to secure and remove the plug. Carefully turn mixture screw clockwise until seated, then back out 3-1/2 turns.

## STAGE THREE INSTRUCTIONS

1. Remove the vacuum slide from the carbs.  
Remove the stock needles & spacers, noting the order of assembly. Use the DD #19 drill bit provided to enlarge slide lift holes (Fig. A).

2. Install the Dynojet needles on groove #2, using all stock spacers (Fig. A). Install the Dynojet washers above the e-clip.

3. Remove the main jet and replace with the Dynojet main jets provided. Use the DJ120 main jets with stock exhaust, or use the DJ124 main jets with free flowing aftermarket exhaust. Be sure that the jets you are changing are the main jets.

4. Locate the fuel mixture plug (Fig. B), if you see a screw head, proceed to adjusting procedure. With the DD #5/32 drill bit provided, carefully drill through the plugs. NOTE: the mixture screw is directly underneath this plug, be ready to pull back on the drill the instant you break thru. Use screw provided to secure and remove the plug. Carefully turn mixture screw clockwise until seated, then back out 3-1/2 turns.

**Dynojet**

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Note: The pilot air jet (DJ144) is optional. Using the pilot air jet will richen the bottom end. Use the jet if you are experiencing low end drive-ability problems such as a flat spot or surge. Remove the stock pilot air jet (Fig. C) and replace with the DJ144 supplied.

Fig. C - Stage 3 Only

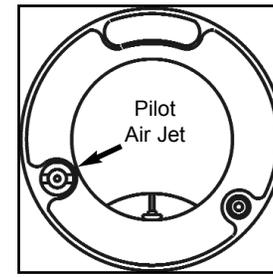


Fig. A

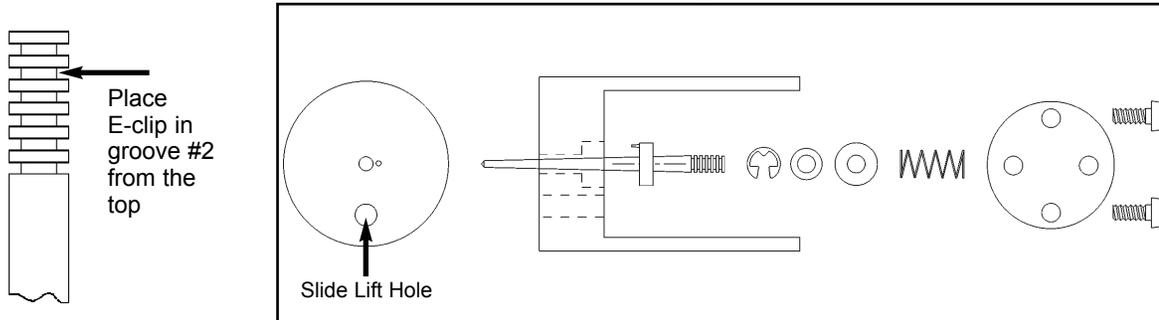


Fig. B

