

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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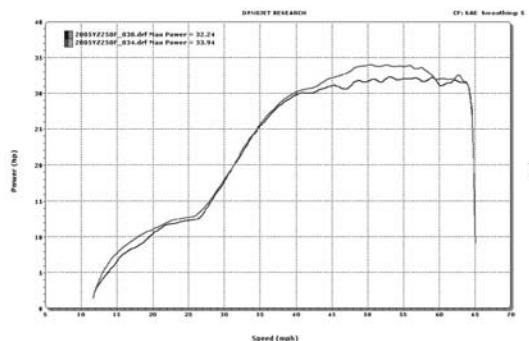
**4154.001**

U.S Models Only

**2008-2009 Yamaha YZ450F**

**Stage 1**

For mildly tuned machines using the stock airbox with stock or K&N filter. May also be used with a high flow 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

1	Main Jet	CJ146
1	Main Jet	CJ150
1	Main Jet	CJ155
1	Main Jet	CJ160
1	Main Jet	CJ165
1	Fuel Needle	DNO987
1	E-clip	DE0001
1	Adjusting Washer	DW0001
1	Pilot Jet	DPJM048
1	Main Jet Adapter	DJA001

## STAGE ONE INSTRUCTIONS

**Dynojet**

**4154.001**

**NOTE:** This kit can be installed without completely removing the carburetor.

1. Remove the top of the carb. Remove the allen screw (Fig.A) and pull out the stock needle and spacers, noting order of assembly.
2. Install the Dynojet needle on groove #3 from the top. Install the small Dynojet washer above the e-clip.
3. Remove the stock main jet. **NOTE:** The main jet can be accessed by removing the nut from the bottom of the float bowl (Fig. B). Install the Dynojet main jet adapter (DJA001) into the emulsion tube first, then install the Dynojet main jet provided. If you are running the stock exhaust, install the CJ155 for under 3000 ft. Install the CJ150 main jet from 3000-6000 ft. Install the CJ146 main jet if above 6000 ft. If you are running an aftermarket exhaust or slip-on with high flowing baffle, use the CJ160 main jet below 3000 ft. Install the CJ155 main jet from 3000-6000 ft. Install the CJ150 main jet if above 6000 ft.
4. Remove the stock pilot jet and replace with the Dynojet pilot jet provided (DPJM048).
5. Locate the fuel mixture screw (Fig.B). Carefully turn the mixture screw clockwise until lightly seated, then back out 2.5 turns.

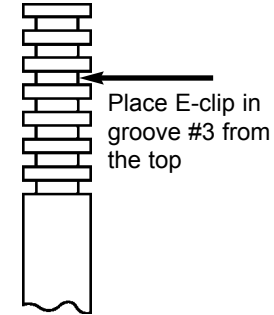


Fig. A

Remove this allen screw to access the needle

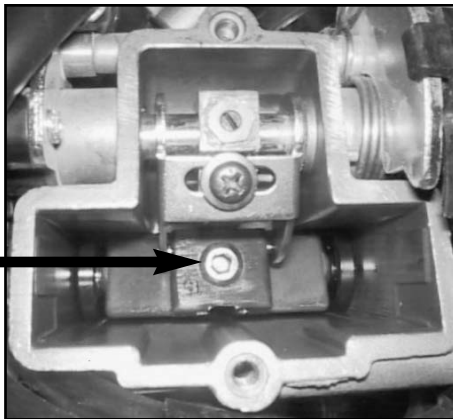


Fig. B

Fuel mixture screw

Remove this nut to access the main jet and pilot jet.

