

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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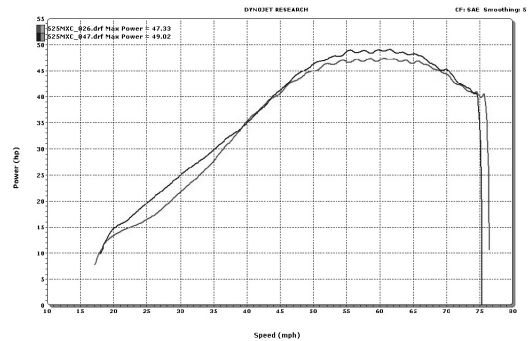
**9122.001**

U.S Models Only

**2005 KTM 450 SX**

**Stage 1**

For mildly tuned machines using the stock airbox, with stock or stock replacement air 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**

<b>Parts List</b>		
1	Main Jet	DJ142
1	Main Jet	DJ146
1	Main Jet	DJ150
1	Main Jet	DJ155
1	Main Jet	DJ160
1	Main Jet	DJ165
1	Fuel Needle	DNO981
1	Pilot Jet	DPJM048
1	Adjusting Washer	DW0001
1	E-clip	DE0001
2	Main Jet Adapters	DJA001

## STAGE ONE INSTRUCTIONS

**Dynojet**

9122.001

**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 #2 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. **NOTE: Only one adapter is needed, the second one is provided as a spare.** Install the Dynojet main jet provided. If you are running the stock exhaust, install the DJ155 for under 3000 ft. Install the DJ150 main jet from 3000-6000 ft. Install the DJ146 main jet if above 6000 ft. If you are running an aftermarket exhaust or slip-on with a high flow baffle, use the DJ160 main jet. Install the DJ155 main jet from 3000-6000 ft. Install the DJ150 main jet if above 6000 ft. Be sure that the jet you are changing is the main jet.
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 1 turn.

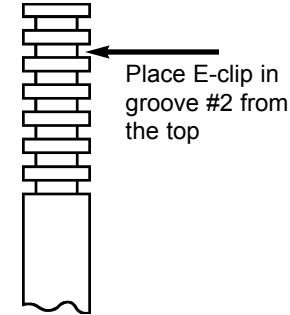


Fig. A

Remove this allen screw to access the needle.

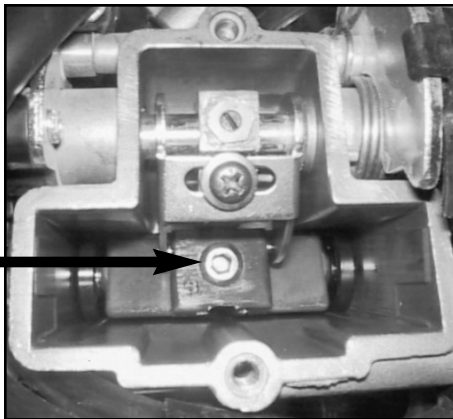


Fig. B

Fuel mixture screw

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

