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
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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.

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

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

9114.001
U.S Models Only
2003 KTM 450SX
Stage 1

Parts List

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This graph shows a typical gain with a Dynojet jet kit.
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 #4 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 DJ150 for under 3000 ft. Install the DJ146 main jet from 3000-6000 ft. Install the DJ142 main jet if above 6000 ft. If you are running an aftermarket exhaust or slip-on with a high flow baffle, Install the DJ155 main jet under 3000 ft. Install the DJ150 main jet from 3000-6000 ft. Install the DJ146 main jet if above 6000 ft. Be sure that the jet you are changing is the main jet.

4. Locate the fuel mixture screw (Fig.B). Carefully turn the mixture screw clockwise until lightly seated, then back out 2 turns.

**Fig. A**
Remove this allen screw to access the needle

**Fig. B**
Fuel mixture screw
Remove this nut to access the main jet