

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
 TEL: 702-399-1423
 FAX: 702-399-1431
 8am-5pm Pacific Time
 Monday through Friday

Website Address
<http://www.dynojet.com>

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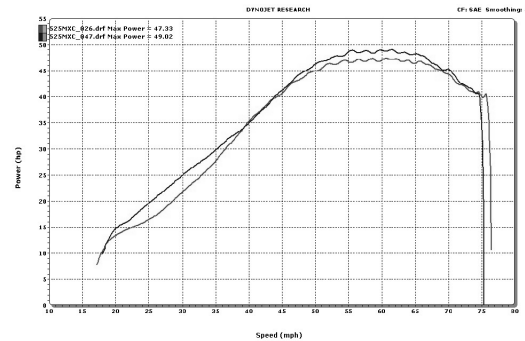
9114.001

U.S Models Only

2003 KTM 450SX

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**

Parts List

| | | |
|---|-------------------|--------|
| 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 | E-Clip | DE0001 |
| 1 | Adjusting Washer | DW0001 |
| 2 | Main Jet Adapters | DJA001 |

STAGE ONE INSTRUCTIONS

Dynojet

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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.

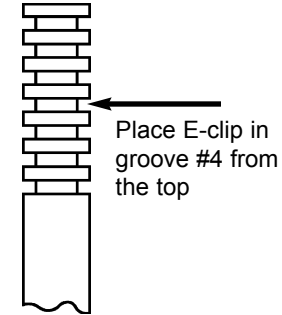


Fig. A

Remove this allen screw to access the needle

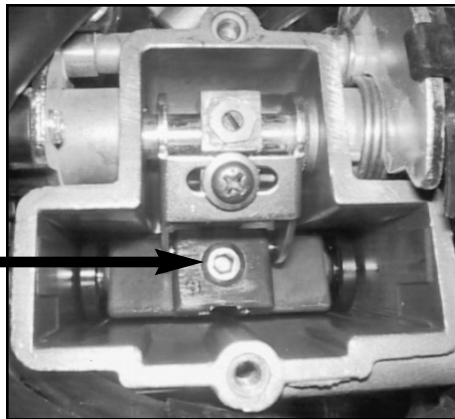


Fig. B

Fuel mixture screw

Remove this nut to access the main jet

