

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



2116.001

U.S Models Only

2008-2009 Kawasaki KLX450R

Stage 1 & 2

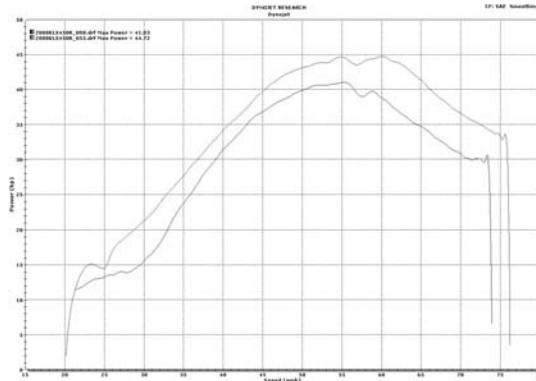
STAGE 1

For mildly tuned machines using the stock airbox, with stock or K&N filter.

STAGE 2

For mildly tuned machines with the top of the airbox modified, with the stock or K&N filter.

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**

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The manufacturer and seller make no warranties express or implied which extend beyond the description of the goods contained herein. Any description or this product is for the purpose of identifying it and shall not be deemed to create an express warranty.

Parts List

1	Main Jet	CJ132
1	Main Jet	CJ136
1	Main Jet	CJ140
1	Main Jet	CJ146
1	Main Jet	CJ150
1	Main Jet	CJ155
1	Main Jet	CJ160
1	Fuel Needle	DNO988
1	E-clip	DE0001
1	Adjusting Washer	DW0001
1	Main Jet Adapter	DJA001
1	Drill	DD5/32
1	Screw	DS0001

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 #5 from the top. Use all stock spacers (Fig. A). 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 CJ136 for under 3000 ft. Install the CJ132 main jet from 3000-6000 ft. Install the CJ128 main jet if above 6000 ft. If you are running an aftermarket exhaust or slip-on with high flowing baffle, use the CJ140 main jet below 3000 ft. Install the CJ136 main jet from 3000-6000 ft. Install the CJ132 main jet if above 6000 ft.
4. Locate the fuel mixture plug (Fig. B). If you see a screw head at Fig.B then proceed to the adjusting procedure. With the 5/32 drill bit provided carefully drill through the plug. **NOTE:** The mixture screw is directly underneath this plug, be ready to pull back on the drill the instant you break through. Use screw provided to secure and remove this plug. Carefully turn the mixture screw clockwise until lightly seated, then back out 2.5 turns.

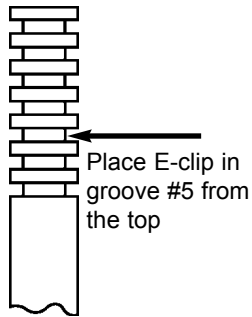
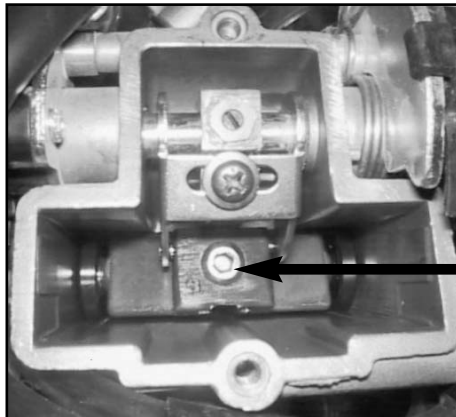


Fig. A



- Fuel mixture screw plug location. Remove to access the mixture screw.
- Remove this nut to access the main jet
- Remove this allen screw to access the needle

STAGE TWO INSTRUCTIONS

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 #5 from the top. Use all stock spacers (Fig. A). 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 CJ150 for under 3000 ft. Install the CJ146 main jet from 3000-6000 ft. Install the CJ142 main jet if above 6000 ft. If you are running an aftermarket exhaust or slip-on with high flowing baffle, use the CJ155 main jet below 3000 ft. Install the CJ150 main jet from 3000-6000 ft. Install the CJ146 main jet if above 6000 ft.
4. Locate the fuel mixture plug (Fig. B). If you see a screw head at Fig.B then proceed to the adjusting procedure. With the 5/32 drill bit provided carefully drill through the plug. **NOTE:** The mixture screw is directly underneath this plug, be ready to pull back on the drill the instant you break through. Use screw provided to secure and remove this plug. Carefully turn the mixture screw clockwise until lightly seated, then back out 2.5 turns.

Fig. B

