

# Q427.001

## 2006 Yamaha

### YFZ450

## Stage 1&2

#### Stage 1

For mildly tuned machines using the stock airbox with stock or aftermarket filter. May also be used with a good high flow aftermarket exhaust system.

#### Stage 2

For mildly tuned machines with the airbox lid removed, with stock or aftermarket filter. Should also be used with a good high flow aftermarket exhaust system.

<b><i>Parts List</i></b>		
1	Main Jet	CJ124
1	Main Jet	CJ126
1	Main Jet	CJ130
1	Main Jet	CJ134
1	Main Jet	CJ136
1	Main Jet	CJ140
1	Main Jet	CJ142
1	Main Jet	CJ144
1	Main Jet	CJ146
1	Main Jet	CJ150
1	Main Jet	CJ155
1	Main Jet	CJ165
2	Main Jet Adapters	DJA001
1	Fuel Needle	DNO987
1	Pilot Jet	DPJM048
1	Adjusting Washer	DW0001
1	E-Clip	DE0001
1	Plug Drill	DD 5/32
1	Screw	DS0001

## STAGE ONE 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 #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. **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 CJ130 for under 3000 ft. Install the CJ126 main jet from 3000-6000 ft. Install the CJ124 main jet if above 6000 ft. If you are running an aftermarket exhaust or slip-on with high flowing baffle, use the CJ134 main jet. Install the CJ130 main jet from 3000-6000 ft. Install the CJ126 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).

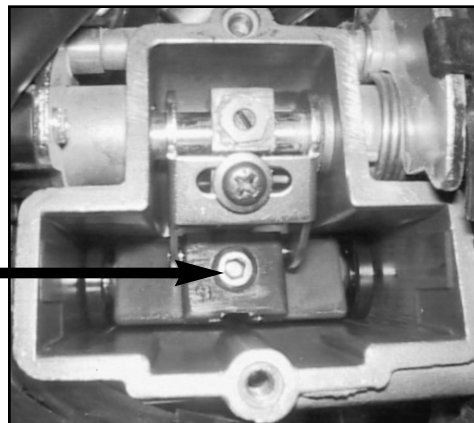
5. Locate the fuel mixture plug (Fig. B), if you see a screw head, proceed to adjusting procedure. With the plug drill DD 5/32 provided, carefully drill thru the plugs. **NOTE:** *the mixture screw is directly underneath this plug, be ready to pull back on the drill the instant you break through.* Use the screw provided to secure and remove the plug. Carefully turn the mixture screw clockwise until lightly seated, then back out 1 turn.

### **NOTE:**

1. If you remove the cone shaped screen from the air box you will need to use the CJ140 main jet with Stage 1 and the CJ165 main jet with the Stage 2.

2. If you are using an aftermarket exhaust with a **Quiet Baffle** install the main jet that is for the stock exhaust.

Fig.A



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 air box lid.

2. Remove the top of the carb. Remove the allen screw (Fig.A) and pull out the stock needle and spacers, noting order of assembly.

3. Install the Dynojet needle on groove #3 from the top. Install the small Dynojet washer above the e-clip.

4. 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 CJ144 for under 3000 ft. Install the CJ140 main jet from 3000-6000 ft. Install the CJ136 main jet if above 6000 ft. If you are running an aftermarket exhaust or slip-on with high flowing baffle, use the CJ150 main jet. Install the CJ146 main jet from 3000-6000 ft. Install the CJ142 main jet if above 6000 ft. Be sure that the jet you are changing is the main jet.

5. Remove the stock pilot jet and replace with the Dynojet pilot jet provided (DPJM048).

6. Locate the fuel mixture plug (Fig. B), if you see a screw head, proceed to adjusting procedure. With the plug drill DD 5/32 provided, carefully drill thru the plugs. **NOTE:** *the mixture screw is directly underneath this plug, be ready to pull back on the drill the instant you break through.* Use the screw provided to secure and remove the plug. Carefully turn the mixture screw clockwise until lightly seated, then back out 1 turn.

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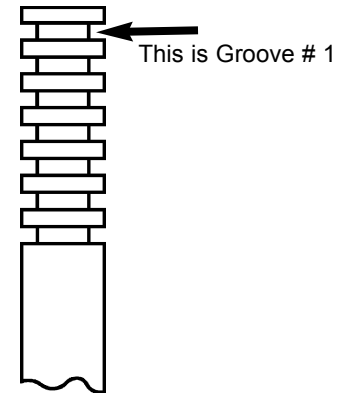
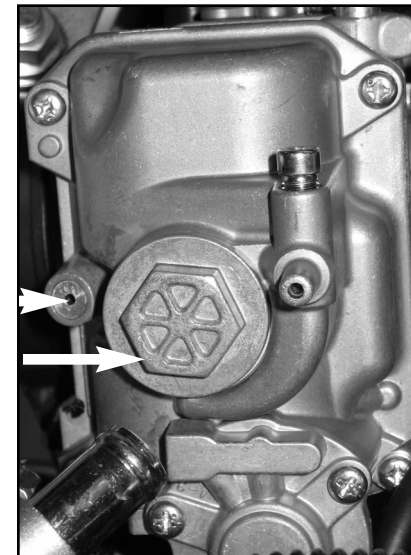


Fig.B



Fuel mixture screw plug.

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