

# Q435.001

## 2008-2013 Yamaha

### Raptor 250

### Stage 1&2

#### Stage1

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

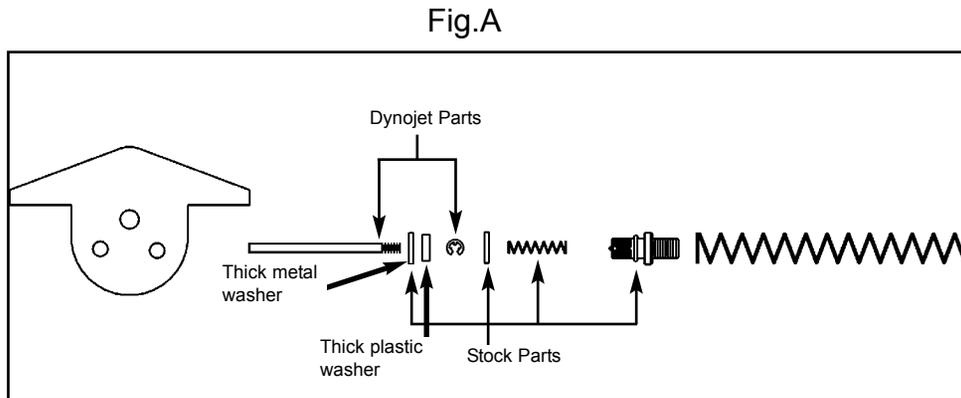
#### Stage2

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

<i><b>Parts List</b></i>		
1	Main Jet	DJ118
1	Main Jet	DJ122
1	Main Jet	DJ126
1	Main Jet	DJ130
1	Main Jet	DJ134
1	Main Jet	DJ138
1	Main Jet	DJ142
1	Main Jet	DJ146
1	Main Jet	DJ150
1	Main Jet	DJ155
1	Fuel Needle	DNO713
1	Needle Spring	DSP77
1	Adjusting Washer	DW0001
1	E-Clip	DE0001
1	Plug Drill	DD 5/32
1	Screw	DS0001

## STAGE ONE INSTRUCTIONS

1. Remove vacuum slide from carb. Remove stock needle & spacers, noting order of assembly (Fig.A).
2. Install Dynojet needle on groove #2 for applications below 5000 feet, groove #1 for above 5000 feet, using all stock spacers (Fig.A). **NOTE:** *The DSP77 spring does not have to be used, it is supplied in case the stock spring is misplaced.* The Dynojet washer (DW0001) does not need to be installed at this time, it is for half step adjustments. After installing the slides in the carbs, be sure to check slide movement manually before airbox installation.
3. Remove stock main jet and plastic main jet cup (Fig.B). Discard the plastic cup as it **WILL NOT** be reinstalled. Install the Dynojet main jet provided. Use the DJ126 below 3000 feet, DJ122 from 3000 to 6000 feet and DJ118 above 6000 feet. When using an aftermarket exhaust with a high flow baffle, use the DJ130 below 3000 feet, DJ126 from 3000 to 6000 feet and the DJ122 above 6000 feet.
4. Locate the Fuel Mixture Screw (Fig.B). **NOTE:** There may be a brass plug over the mixture screw. If so, with the plug drill (DD #5/32) provided, carefully drill through 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 (DS0001) to secure and remove the plug. Using a flat blade screwdriver, turn the mixture screw clockwise until it seats, then turn out 2 turns, 1.5 turns above 5000 feet.



## STAGE TWO INSTRUCTIONS

1. Remove the airbox lid.
2. Remove vacuum slide from carb. Remove stock needle & spacers, noting order of assembly (Fig.A).
3. Install Dynojet needle on groove #2 for applications below 5000 feet, groove #1 for above 5000 feet, using all stock spacers (Fig.A). **NOTE:** *The DSP77 spring does not have to be used, it is supplied in case the stock spring is misplaced.* The Dynojet washer (DW0001) does not need to be installed at this time, it is for half step adjustments. After installing the slides in the carbs, be sure to check slide movement manually before airbox installation.
4. Remove stock main jet and plastic main jet cup (Fig.B). Discard the plastic cup as it **WILL NOT** be reinstalled. Install the Dynojet main jet provided. Use the DJ146 below 3000 feet, DJ142 from 3000 to 6000 feet and DJ138 above 6000 feet. When using an aftermarket exhaust with a high flow baffle, use the DJ150 below 3000 feet, DJ146 from 3000 to 6000 feet and the DJ142 above 6000 feet.
5. Locate the Fuel Mixture Screw (Fig.B). **NOTE:** There may be a brass plug over the mixture screw, if so with the plug drill (DD #5/32) provided, carefully drill through 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 (DS0001) to secure and remove the plug. Using a flat blade screwdriver, turn the mixture screw clockwise until it seats, then turn out 2 turns, 1.5 turns above 5000 feet.

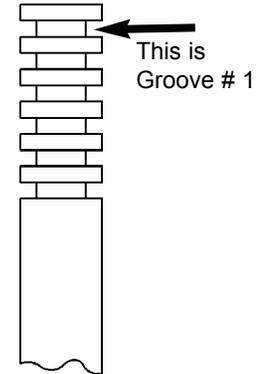
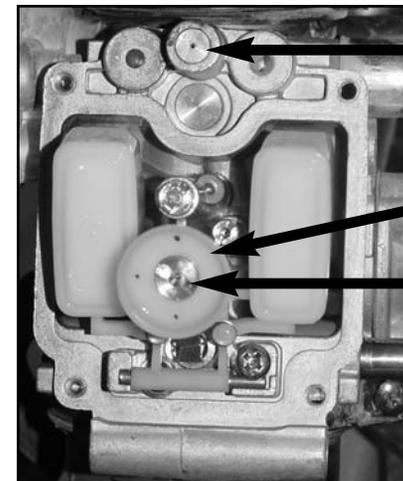


Fig.B



Mixture Screw Location. If there is a brass plug over the mixture screw, use the drill & screw provided to remove the plug.

The Main Jet cup is **NOT** used with this jet kit.

Main Jet Location