

# Q423.002

## 2004-2013 Yamaha

### 350 Raptor

### Stage 1

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

<i><b>Parts List</b></i>		
1	Main Jet	DJ120
1	Main Jet	DJ122
1	Main Jet	DJ124
1	Main Jet	DJ126
1	Main Jet	DJ128
1	Main Jet	DJ130
1	Main Jet	DJ132
1	Main Jet	DJ134
1	Main Jet	DJ136
1	Main Jet	DJ138
1	Main Jet	DJ140
1	Fuel Needle	DNO701
1	Slide Spring	DSP027
1	Needle Spring	DSP77
1	Adjusting Washer	DW0001
1	E-Clip	DE0001
1	Plug Drill	DD 5/32
1	Screw	DS0001

## STAGE ONE INSTRUCTIONS

Q423.002

1. Remove vacuum slide from carb. Remove stock needle & spacers, noting order of assembly (Fig.A).
2. Install Dynojet needle on groove #3 for applications below 5000 feet, groove #2 for above 5000 feet, using all stock spacers (Fig.A). Install the Dynojet slide spring (DSP027) in place of the stock slide spring.  
**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 replace with the Dynojet main jet provided. Use the DJ128 below 3000 feet, DJ124 from 3000 to 6000 feet and DJ120 above 6000 feet. When using an aftermarket exhaust with a high flow baffle, use the DJ132 below 3000 feet, DJ128 from 3000 to 6000 feet and the DJ124 above 6000 feet.  
**NOTE:** The larger main jets are for use with a modified airbox. If the airbox is removed, use a jet that is 4 points larger, ie; if you are using the DJ132 with the airbox intact, you will need to use a DJ136 with the airbox removed.
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 3 turns, 2.5 turns above 5000 feet.

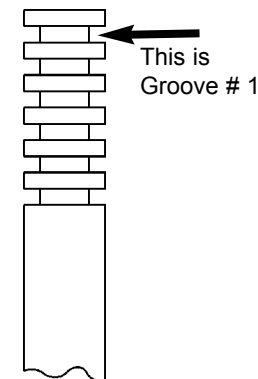


Fig.A

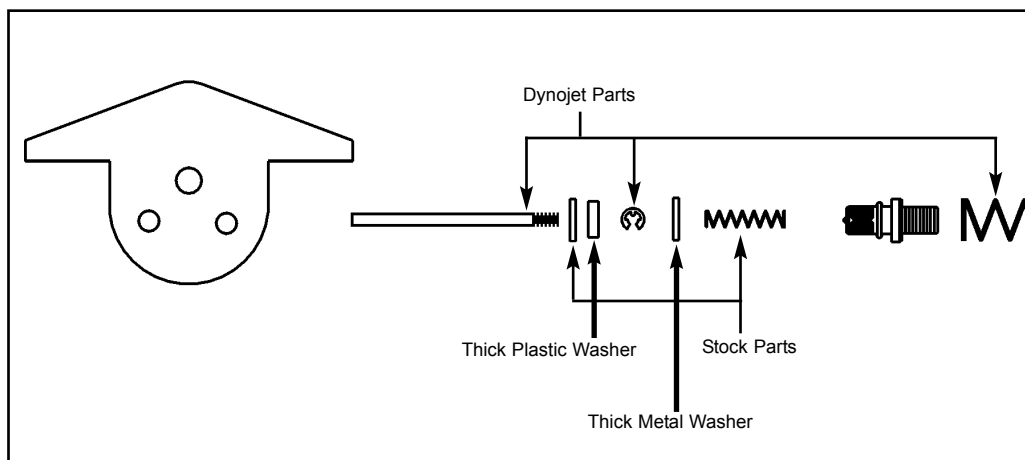


Fig.B

