

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

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**3138.002**

U.S Models Only

1990-2009 Suzuki DR650S

**Stage 1&2**

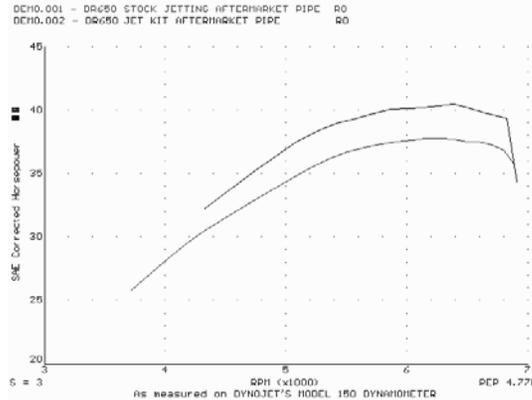
**STAGE 1**

For mildly tuned machines using the stock airbox, with stock or K&N filter #SU-6590

**STAGE 2**

For mildly tuned machines using stock airbox with lid removed. K&N filters #SU-6590

**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**

## Parts List

1	Main Jet	DJ150
1	Main Jet	DJ155
1	Main Jet	DJ160
1	Main Jet	DJ170
1	Fuel Needle	DNT604
1	E-clip	DE0001
1	Adjusting Washer	DW0001
1	Plug Drill	DD 5/32
1	Screw	DS0001

**STAGE ONE INSTRUCTIONS**

**\*\*NOT APPLICABLE FOR 1996-2009 MODELS**

1. Remove the vacuum slide from the carb. Remove the stock needle and spacers, noting order of assembly (Fig.A).
2. Install the Dynojet needle on groove #4 from the top. **OMIT the white nylon spacer** (Fig. A). Install the small Dynojet washer above the e-clip. After installing the slide in the carb be sure to check slide movement manually.
3. Remove the stock main jet and replace with the Dynojet main jet provided. If you are running the stock exhaust install the DJ150. If you are running an aftermarket exhaust or slip-on with high flowing baffle use the DJ155. Be sure that the jet you are changing is the main jet.
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.

**STAGE TWO INSTRUCTIONS**

**\*\*REQUIRES AIRBOX LID REMOVAL**

1. Remove the vacuum slide from the carb. Remove the stock needle and spacers, noting order of assembly (Fig.A)
2. Install the Dynojet needle on groove #4 from the top. **OMIT the white nylon spacer** (Fig. A). Install the small Dynojet washer above the e-clip. After installing the slide in the carb be sure to check slide movement manually.
3. Remove the stock main jet and replace with the Dynojet main jet provided. If you are running the stock exhaust install the DJ155. If you are running an aftermarket exhaust or slip-on with high flowing baffle use the DJ160. Be sure that the jet you are changing is the main jet. **NOTE: On 1996-2009 models use DJ160 with the stock exhaust and DJ170 with a high flow aftermarket exhaust.**
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

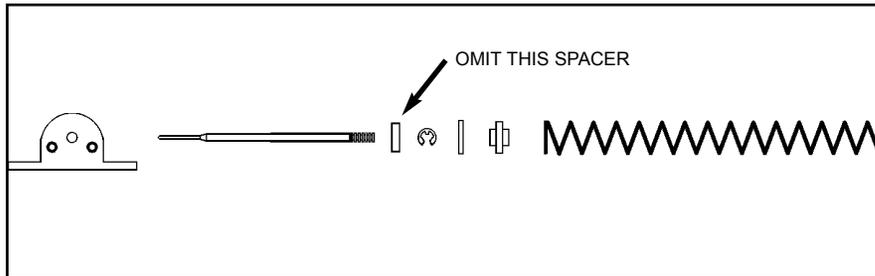


Fig. B

