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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FAX: 702-399-1431
8am-5pm Pacific Time
Monday through Friday

Website Address
http://www.dynojet.com

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

WARNING
NO SMOKING!
NO OPEN FLAME!
WHILE INSTALLING YOUR DYNOJET KIT

3156.001
U.S Models Only
2004-2010 Suzuki GS500F
Stage 1

For mildly tuned machines using the stock air-box, with stock or K&N filter. May also be used with a good aftermarket exhaust system

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This graph shows a typical gain with a Dynojet jet kit.

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**Parts List**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Part</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Main Jets</td>
<td>DJ120</td>
</tr>
<tr>
<td>2</td>
<td>Main Jets</td>
<td>DJ124</td>
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<td>DJ128</td>
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<td>DJ132</td>
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<td>2</td>
<td>Fuel Needles</td>
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<td>2</td>
<td>E-clips</td>
<td>DE0001</td>
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<td>2</td>
<td>Adjusting Washers</td>
<td>DW0001</td>
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<tr>
<td>2</td>
<td>Pilot Jets</td>
<td>DPJM018</td>
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<tr>
<td>2</td>
<td>Slide Springs</td>
<td>DSP027</td>
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<tr>
<td>2</td>
<td>Needle Springs</td>
<td>DSP77</td>
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<tr>
<td>1</td>
<td>Plug Drill</td>
<td>DD 5/32</td>
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<tr>
<td>1</td>
<td>Screw</td>
<td>DS0001</td>
</tr>
</tbody>
</table>
1. Remove vacuum slides from carbs. Remove stock needle and spacers, noting order of assembly (Fig.A).

2. Install the Dynojet needles on groove #4 from the top. Using all stock spacers (Fig. A), install the Dynojet slide springs (DSP027) in place of the stock slide springs. The small Dynojet washers are for half step increments and do not have to be installed at this time. **NOTE**: The DSP77 springs do not have to be used, they are supplied in case the stock springs are misplaced. After installing the slides in carbs, be sure to check slide movement manually before airbox installation.

3. Remove the stock pilot jet (Fig.B) and replace with the Dynojet pilot jet provided (DPJM018).

4. Remove the stock main jets and replace with the Dynojet main jets provided. If you are running the stock exhaust install the DJ124 main jets. If you are running an aftermarket exhaust with high flowing baffle use the DJ128 main jets. Be sure that the jet you are changing is the main jet (Fig.B).

5. 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 3 turns.

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**Fig. A**

- **Dynojet Parts**
  - Thick metal washer

**Fig. B**

- **Mixture Screw Plug**
- **Pilot Jet**
- **Main Jet**