

Thank you for purchasing this Cobra 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

Cobra Engineering  
 23801 E. La Palma Ave.  
 Yorba Linda, CA 92887  
 TEL: 714-692-8180  
 FAX: 714-692-5016

Website Address  
<http://www.dynojet.com>

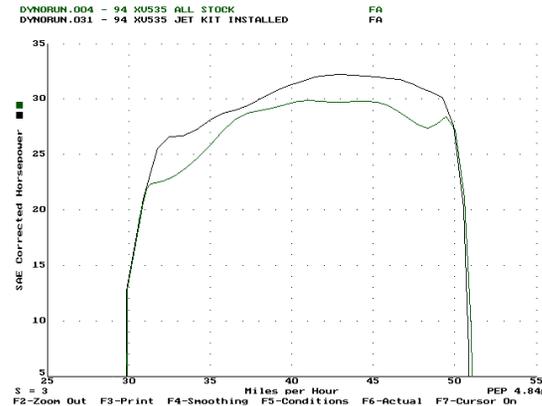


**92-2161**

U.S Models Only

1993-2000 Yamaha XV535  
 Virago  
 Stage 1

For mildly tuned machines using the stock airbox, with stock filter and Cobra Boulevard exhaust system



*This graph shows a typical gain with a Cobra jet kit.*

# WARNING

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

## Parts List

|   |                  |          |
|---|------------------|----------|
| 2 | Main Jet         | DJ126    |
| 2 | Main Jet         | DJ130    |
| 2 | Fuel Needle      | DNT407   |
| 2 | E-Clip           | DE0001   |
| 2 | Adjusting Washer | DW0001   |
| 2 | Pilot Air Jets   | DJ160    |
| 1 | Slide Drill      | DD #32   |
| 1 | Plug Drill       | DD #5/32 |
| 1 | Screw            | DS0001   |

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.

# STAGE ONE INSTRUCTIONS

**COBRA**

**92-2161**

1. Remove the vacuum slides from the carbs. Remove the stock needles and spacers, noting order of assembly(Fig.A). Use the drill bit provided (DD #32) to enlarge the slide lift hole (Fig. A) **Do not** drill the needle hole.

2. Install the Cobra needles on groove #2 from the top. Use all stock spacers (Fig. A). Install the small Cobra washers above the E-clip (2 per needle). After installing the slides in the carbs be sure to check slide movement manually.

3. Remove the stock main jets and replace with the Cobra main jets provided. If you are running above 3000 feet install the DJ126 main jets. If you are running below 3000 feet install the DJ130 main jets. Be sure that the jet you are changing is the main jet.

**NOTE:** It is not necessary to completely remove the float bowls to change the main jets. Remove the screws and ease the bowl aside allowing the main jet removal. Be extremely careful not to disturb the float assembly when performing this task.

4. Remove the stock pilot air jets (Fig. B) and install the Cobra DJ160 pilot air jets provided.

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 screws clockwise until lightly seated, then back out 2.5 turns.

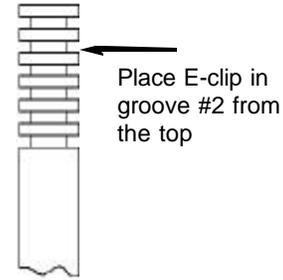


Fig. A

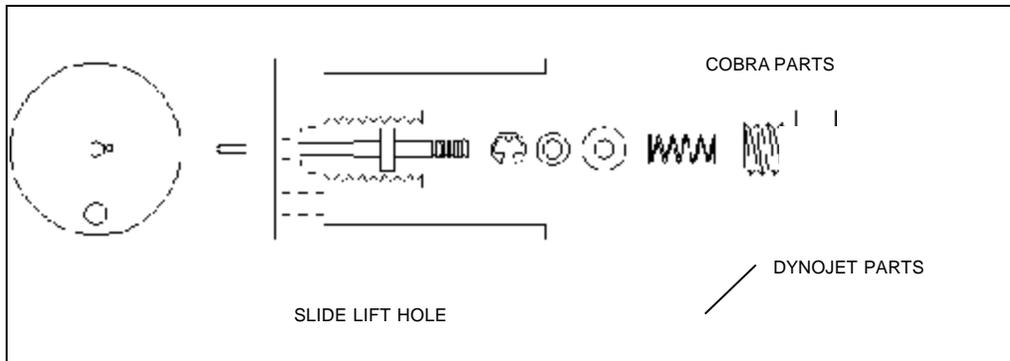


Fig. B

