

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



**E8109.001**

European Models Only

*1989-99 Harley Davidson 883  
& 1200 Sportster*

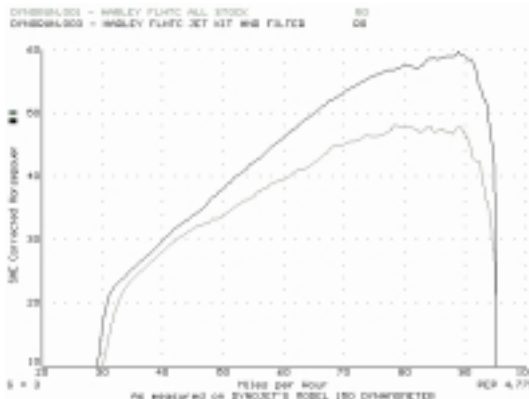
**THUNDERSLIDE JET KIT**

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

2191 Mendenhall Dr. Suite 105  
North Las Vegas, NV 89031  
TEL: 702-399-1423  
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.



*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	DJ160
1	Main Jet	DJ170
1	Main Jet	DJ180
1	Main Jet	DJ190
1	Thunder Slide	DTS005
1	Diaphragm Retainer Upper	DTS002
1	Diaphragm Retainer Lower	DTS003
1	Fuel Needle	DNO889
1	E-Clip	DE0001
1	Needle Spacer	THNR01
1	Slide Spring	DSP009
1	Emulsion Tube	DET001
1	TUV Certificate	DIGEB109
1	Diaphragm Instructions	DI8109S

## Installation Instructions

**DYNOJET**

E8109.001

**NOTE:** If your motorcycle does not have an accelerator pump like the one shown in Fig. C then stop and call Dynojet.

1. Remove carb top, slide spring and needle retainer. See insert (DI8109S). Install Dynojet needle on groove #5 from the top into the Thunderslide. Install Dynojet spacer above the E-clip (Fig A.). Install the Dynojet slide spring (DSP009) in place of the stock slide spring.
2. Remove carburetor float bowl. Remove stock main jet and remove the emulsion tube (Fig. B), sometimes referred to as the main jet holder. Replace the stock emulsion tube with the Dynojet tube provided (DET001). When the Dynojet tube is fully seated there will still be threads visible. Install the Dynojet main jet provided. Use the DJ160 main jets with a completely stock bike. Use the DJ170 main jets with aftermarket exhaust or airbox. With an aftermarket exhaust, airbox, and cam use the DJ180 main jets. With extensive engine modifications, ie: cam, head work, airbox, and high flow aftermarket, it may be necessary to use the DJ190 main jets. The DJ150 main jets are for high altitude applications.
3. Locate the fuel mixture screw (Fig. C). Carefully turn mixture screw in until lightly seated, then back out 1-1/2 turns.

**NOTE:** For this kit to work properly the pilot jet circuit must be completely stock. Also make sure that the stock pilot jet has not been drilled larger.

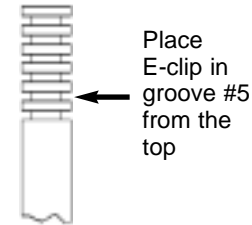


Fig. C

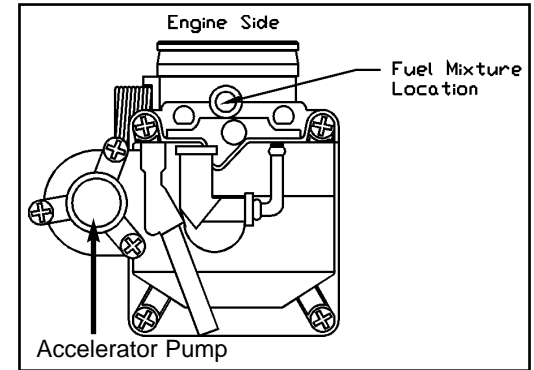
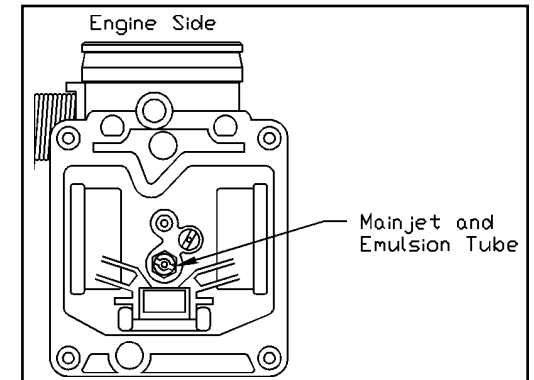
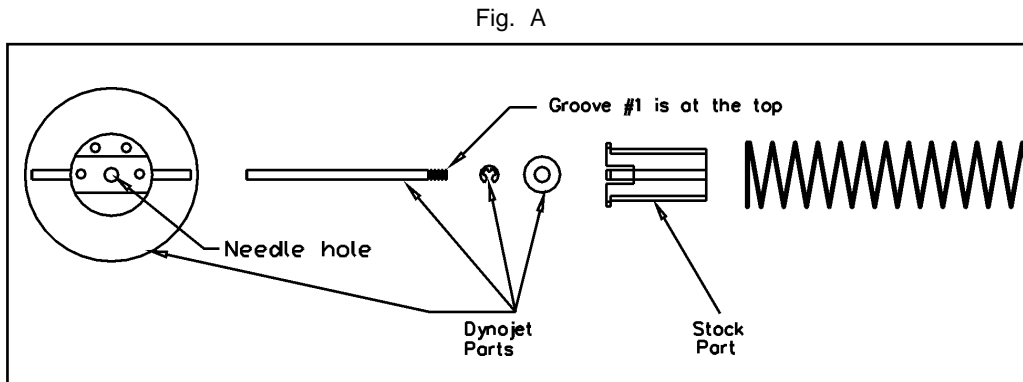


Fig. B



# THUNDERSLIDE DIAPHRAGM - INSTALLATION INSTRUCTIONS

**DYNOJET**  
DI8109S.001

1. Remove carb top, slide spring & needle retainer.
2. Carefully remove original rubber diaphragm from metal slide, (stock rubber diaphragm will be installed on ThunderSlide), by gently pulling at the inner edge of the diaphragm in a circular motion until diaphragm is out of the stock slide retaining groove.
3. To assemble the stock diaphragm on the ThunderSlide, first install the larger slide retainer, (DTS003) with radial grooves facing up, on to the slide (Fig.A). You will notice that the slide has a collar on the top, which you will have to push the larger retainer past.
4. Lay the diaphragm on the lower retainer in the same direction it was on the stock slide.
5. Press the small slide retainer (DTS002) with the grooves facing down on top of the diaphragm (Fig.A). You should hear a snap as it goes together. Make sure it is flat and secure on top of the slide and that the diaphragm is centered.
6. Install e-clip on groove #5 of the Dynojet needle. Install ThunderSlide, Dynojet needle, needle spacer, white needle retainer and Dynojet slide spring (DSP009) into carb body (Fig.B).

Fig. A

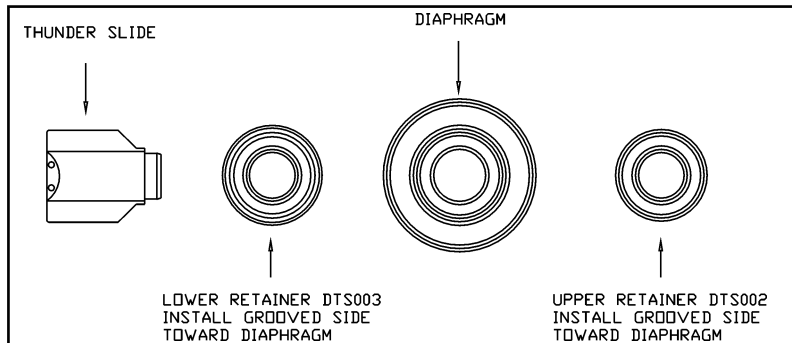


Fig. B

