

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



**E8112.001**

European Models Only

*1998 Harley Davidson XL1200  
Sportster Sport*

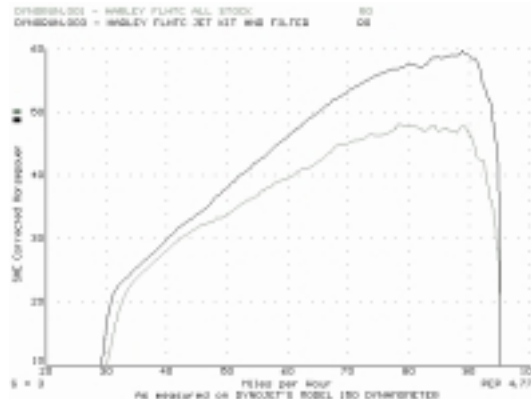
**THUNDERSLIDE JET KIT**

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

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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	DJ175
1	Main Jet	DJ180
1	Main Jet	DJ185
1	Main Jet	DJ190
1	Main Jet	DJ195
1	Main Jet	DJ200
1	Thunder Slide	DTS005
1	Diaphragm Retainer Upper	DTS002
1	Diaphragm Retainer Lower	DTS003
1	Fuel Needle	DNO889
1	Emulsion Tube	DET001
1	E-Clip	DE001
1	Needle Spacer	THNR01
1	Slide Spring	DSP009
1	Plug Drill	DD #5/32
1	Screw	DS0001
1	Diaphragm Instructions	DI8112S

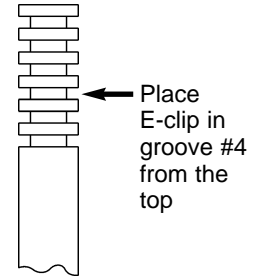
## Installation Instructions

**DYNOJET**

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

1. Remove the carb top slide spring & needle retainer. Install the Dynojet needle into the Thunder slide on groove # 4. Install the Dynojet spacer above the E-clip (Fig. A). Install DSP009 slide spring. Your carburetor should have an accelerator pump like the one in Fig. C, if it does not, stop and call Dynojet.
2. Place the carb upside down on the bench. 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. When the Dynojet emulsion tube is fully seated there will still be threads visible. Install the Dynojet main jet provided. Use the DJ180 main jet with a completely stock bike. Use the DJ185 main jet with an aftermarket exhaust, or airbox. With aftermarket exhaust and airbox and cams, use the DJ190 main jet. If you have internal engine modifications, use the DJ200 main jet. The DJ175 main jet is used for high altitude applications.
3. Locate the Fuel Mixture Screw (Fig. C), if you see a screw head at Fig. C proceed to adjusting procedure. If not, using the 5/32 drill provided, carefully drill thru the plug. NOTE: the mixture screw is directly underneath this plug, be ready to pull back on the drill the instant you break thru. Use the screw provided to secure and remove the plug. Carefully turn mixture screw clockwise until they seat, turn out 3-1/2 turns.



**Notes:** If the mixture screw exceeds 3-1/2 turns to achieve low speed driveability when running a free flowing aftermarket exhaust and/or other modifications, install a .45 slow jet

Fig. A

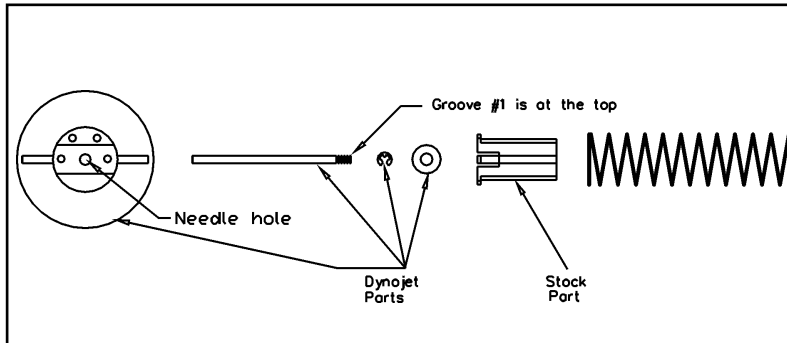


Fig. B

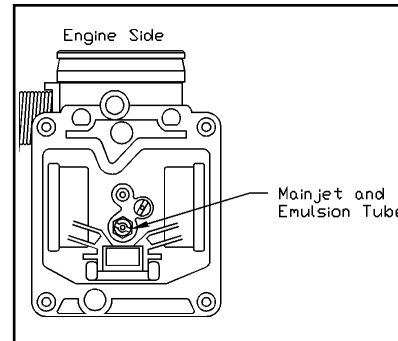
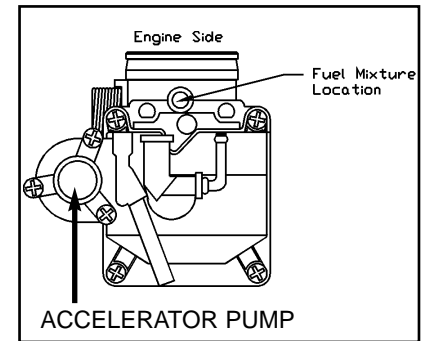


Fig. C



# THUNDERSLIDE DIAPHRAGM - INSTALLATION INSTRUCTIONS

DYNOJET

DI8112S.001

1. Remove the 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 #4 of the Dynojet needle. Install the ThunderSlide, Dynojet needle, needle spacer, white needle retainer and Dynojet slide spring (DSP009) into carb body (Fig.B).

Fig. A

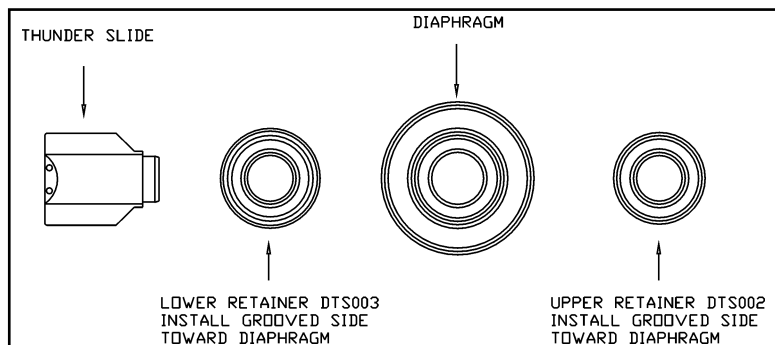


Fig. B

