



INSTALLATION



WILD THINGS FUEL INJECTION CONTROLLER 9219

BY DOBECK PERFORMANCE

FITS: '06-UP SOFTAIL, DRESSER, AND ROAD KING WITH DELPHI FUEL INJECTION

Thank you for choosing the Wild Things Fuel Injection Controller. The Wild Things Fuel Injection Controller is usable for both early and late model fuel injected Harley-Davidson's®.

This product is a perfect fit for stock bikes with all exhaust and intake mods. It is also capable of handling the fuel needs of cubic inch kits, light cams, and a variety of head porting.

This is an Electronic Jet Kit. Like jet kits in the past, the more you modify, the more responsibility you take in getting your fuel curve right.

IMPORTANT

THIS PRODUCT IS INTENDED FOR OFF ROAD OR CLOSED COURSE COMPETITION. THIS UNIT IS NOT INTENDED FOR USE ON EMISSION CONTROLLED VEHICLES.

TOOLS SUGGESTED

The tools required to disconnect the negative terminal of the battery; the tools required to remove your seat; the tools required to remove your air box cover, a small screwdriver

NOTE

Before beginning the procedure, make sure you have located the diagrams that are associated with your bike type. You will find Softtail figures on page 3 and Dresser/Road King figures on page 4.

PROCEDURE

STEP 1 Before installing the Wild Things Fuel Injection Controller you must first disconnect the negative lead from the battery.

STEP 2 Determine a location for the Wild Things Fuel Injection Controller unit. We suggest under the seat or behind the side cover.

STEP 3 Making sure that your motorcycle is cold, loosen and lift up the fuel tank (be sure to disconnect the fuel line using the quick disconnect feature on the fuel fitting). Remove the front and rear mounting bolts; you will need something (block of wood or a towel) to hold the fuel tank up from the frame to gain access to the injectors.

STEP 4 Underneath the fuel tank you will locate the fuel injectors. (For Touring see [FIG.5](#) and for Softtail see [FIG.4](#)).

STEP 5 Disconnect the factory injector connectors from the fuel injectors and replace them with the Wild Things Fuel Injection Controller injector connectors from the Wild Things Fuel Injection Controller unit. It does not matter which order the connectors are hooked up. (For Touring see [FIG.6](#), [FIG.7](#), [FIG.8](#) and Softtail see [FIG.5](#), [FIG.6](#), [FIG.7](#)).

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CUSTOMER SERVICE

877.370.3604 (toll free)

INSTALLATION QUESTIONS

techsupport@kuryakyn.com
or call 715.247.2983

LIMITED WARRANTY

Kuryakyn warrants that any Kuryakyn products sold hereunder, shall be free of defects in materials and workmanship for a period of one (1) year from the date of purchase by the consumer excepting the following provisions:

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- The product must be properly installed, maintained and operated under normal conditions.
- Kuryakyn makes no warranty, expressed or implied, with respect to any gold plated products.
- Kuryakyn shall not be liable for any consequential and incidental damages, including labor and paint, resulting from failure of a Kuryakyn product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breach of contract or duty between Kuryakyn and a customer.
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- Kuryakyn electrical products are warranted for one (1) year from the date of purchase by the consumer. Components of Kuryakyn products containing L.E.D.s will be warranted for defects in materials and workmanship for 3 years from the date of purchase.
- Kuryakyn makes no warranty of any kind in regard to other manufacturer's products distributed by Kuryakyn. Kuryakyn will pass on all warranties made by the manufacturer and where possible, will expedite the claim on behalf of the customer, but ultimately, responsibility for disposition of the warranty claim lies with the manufacturer.

ABOUT OUR CATALOG

You'll find all our innovations for H-D, GL and Metric Cruisers in our annual catalogs. Order online today—select the "CATALOGS" icon. Each Kuryakyn™ product comes with a Proof-of-Purchase good for a complimentary catalog. Details in packaging.

Be sure to ask your local dealer about other Kuryakyn products, the motorcycle parts and accessories designed for riders by riders.

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STEP 6 Replace the fuel tank. Make sure that all mounting bolts are in place and fuel connections are correct.

STEP 7 Connect the Wild Things Fuel Injection Controller ground lead to the negative terminal of the battery along with the factory ground lead. (For Touring see FIG.4 and Softail see FIG.3).

STEP 8 With the rubber plug removed from the Wild Things Fuel Injection Controller, turn the motorcycle key switch to the "ON" position. As the bike's electrical system goes through initial start up mode you will see LED's flashing on the Wild Things Fuel Injection Controller for a few seconds then go out, this is normal.

STEP 9 Start the motorcycle. The green LED should now be on steady and the yellow will flash rapidly for about 15 seconds, and then go out. If the green or red LEDs continue flashing after startup please refer to the troubleshooting section.

TUNING

So, with our box on and the bike fully warmed up, with a screwdriver in hand, locate the green light and the pot right below it. Raise the RPM up to a high idle or about 1800-RPM if you have a Tach. Once there, slowly turn the green pot clockwise from the 1:00 position (or off) until you achieve the highest RPM and smoothest running sound (just like you would if you had a mixture screw on a carburetor). You should find that the best setting is between 2:30 and 4:00. If you slowly turn on the green pot and the engine does not accept any more fuel (RPMs drop when adding fuel) then you have one or more of these problems. (see troubleshooting Motorcycle)

Next locate the yellow light and the pot below it. This pot adjustment acts as an accelerator pump adjustment. Anytime you see the light on, it means that this pot is adding fuel. You will notice that you can take the RPM slowly up to 3000 in neutral and see no yellow light. By whacking the throttle wide open quickly you should see the yellow light come on. Try to add as much as you can until the bike says it is too much then back off two clock positions. This yellow pot adds most of its fuel below 4000 RPM and full throttle acceleration.

The red light pot is your main jet. It adds about 5 points of a main jet for every clock position. For example, one clock position is the same as 170 to 175 main jet. All we can say about setting up this pot is to use the base setting that comes closest to your bike's modifications. Then use the same method you used, in setting up your carbureted bikes. Good Luck.

TROUBLESHOOTING

WILD THINGS MODULE

If the green LED is flashing by itself there is an incomplete connection with the injector connectors with the yellow & white leads from the Wild Things Module. If the red LED is flashing, there is an incomplete connection with the injector connectors with green & gray leads from the Wild Things Module. Please confirm that the connectors and wires are firmly in place.

MOTORCYCLE

(Order from most common to least common)

1. Engine not fully warmed up.
2. A vacuum leak on the intake.
3. High lift cams affecting map at light loads and low RPMS.
4. The loss of TPS and ECU sync.
5. Cylinder head temp sensor malfunction.

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PROBLEM POOR MILEAGE

Solution:

1. Check your green pot settings. In the hundreds of installs performed, we have never gone beyond the 4:00 settings. Try backing down the settings slightly.

2. The RPM pot is adjusted too low. Make sure it's at least at the 4:00 setting, this means the main comes in at around 4000 rpm. Make sure your engine passes the 1800 rpm test at the beginning of the tuning section.

If you still have mileage issues call Tech Support at 715-247-2983.

FULL THROTTLE

Simply add or subtract fuel with the red light pot to determine if the problem is better or worse. This lets the engine dictate additional adjustments or call Tech Support at 715-247-2983.

Softail Diagrams

Kuryakyn™

FIG.1



FIG.2

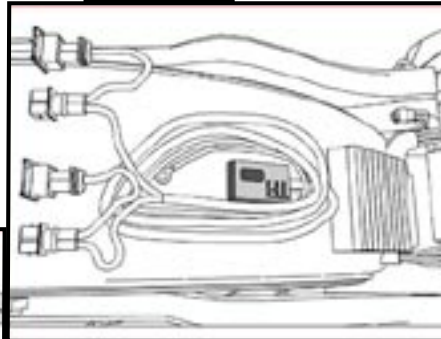


FIG.4

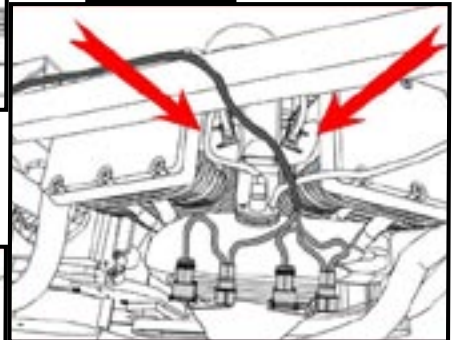


FIG.3

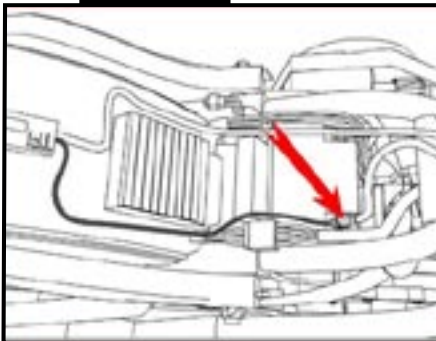


FIG.5

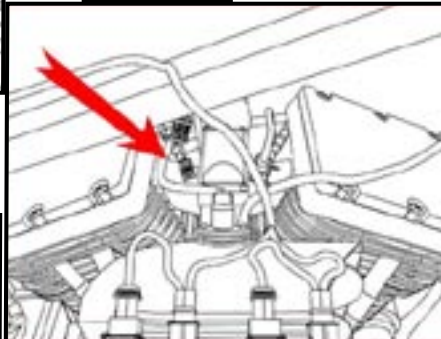


FIG.7

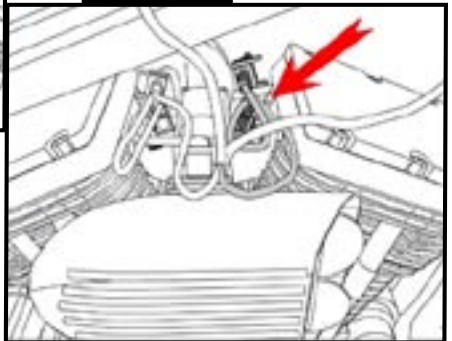
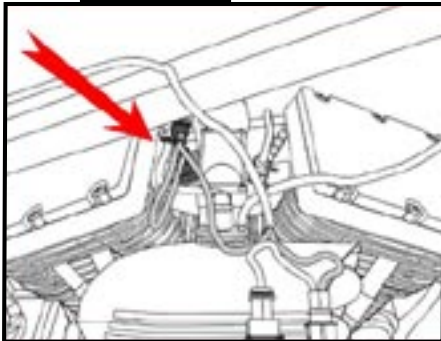


FIG.6



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Dresser/Road King Diagrams

FIG.1

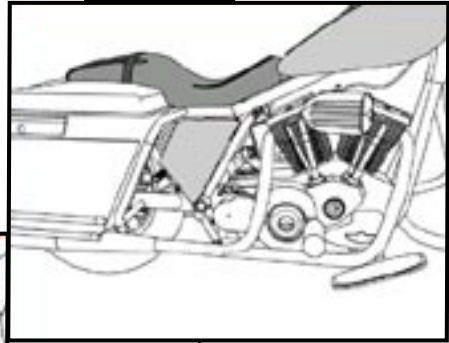


FIG.2

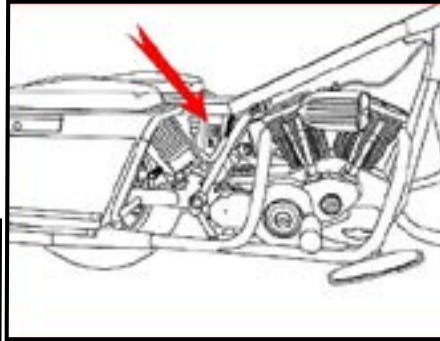


FIG.3

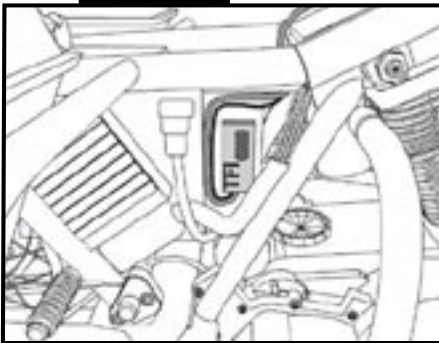


FIG.4

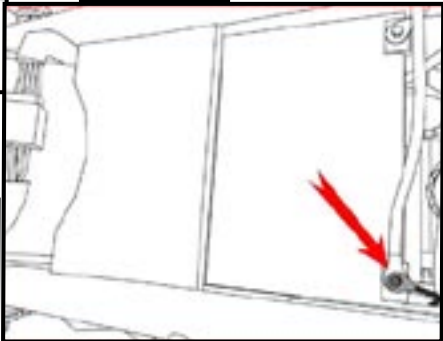


FIG.5

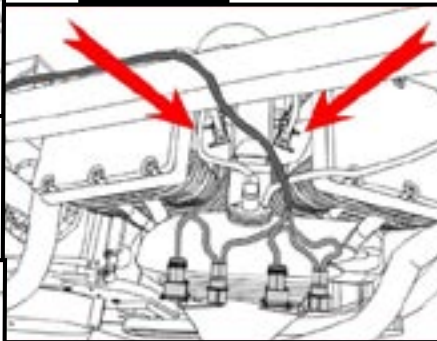


FIG.6

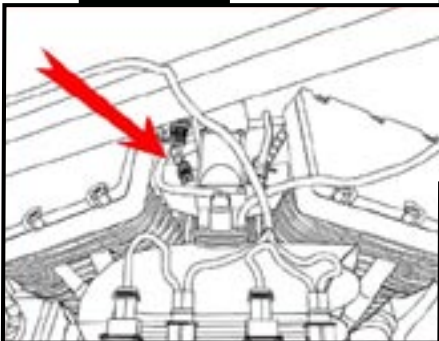


FIG.7

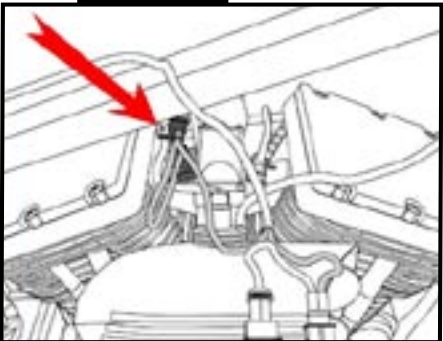


FIG.8

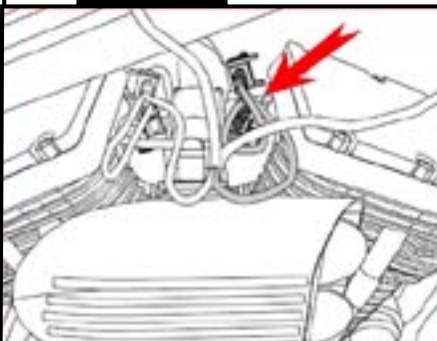
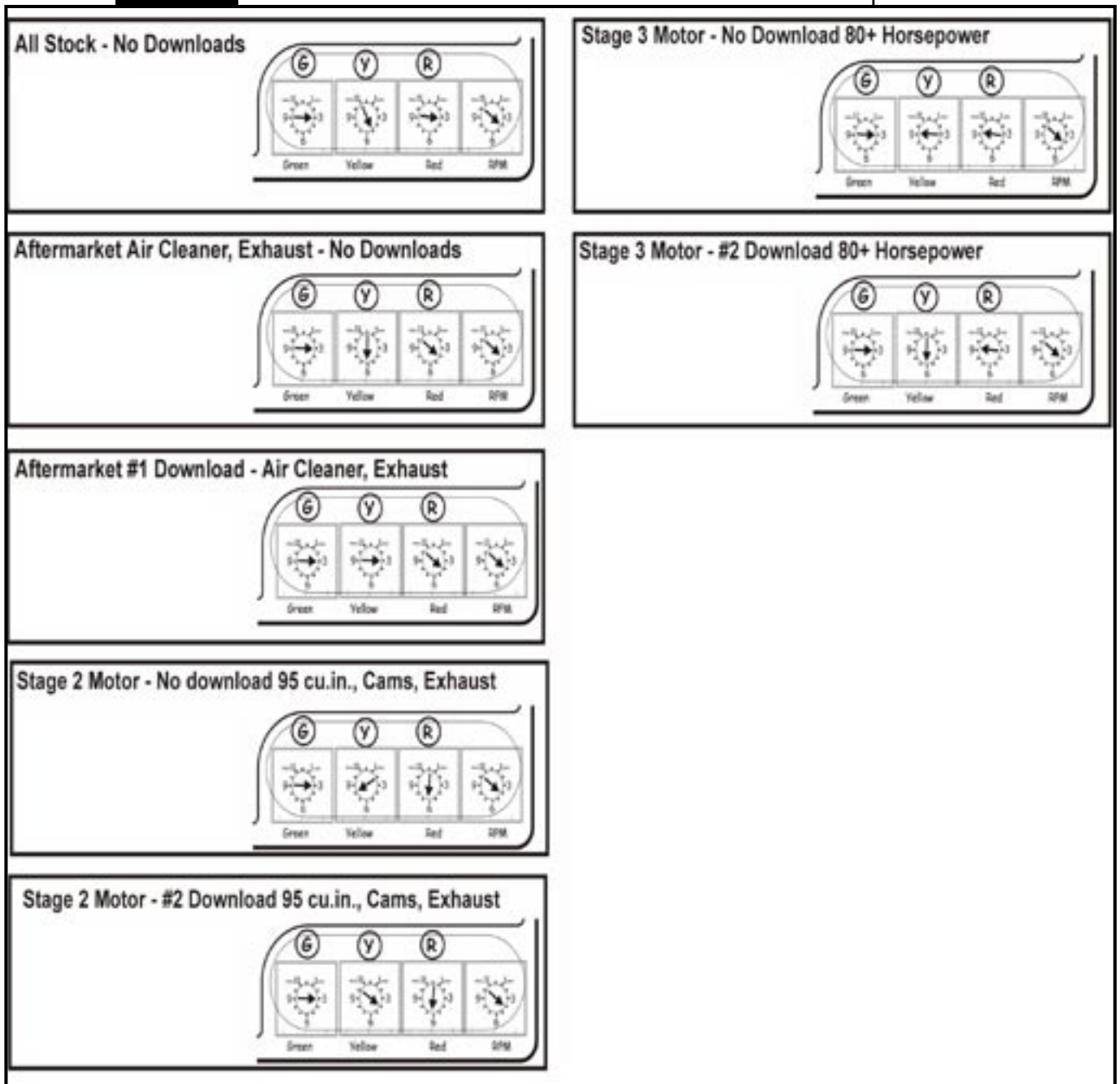


FIG.9



Ride On!