



### K&N FILTERS

Stock air filters do a great job of blocking dirt from entering your engine, but they also restrict the air which can rob horsepower. K&N air filters do as good a job of blocking dirt, but with increased airflow which equals more horsepower. You get increased horsepower, fully cleanable filter, and the famous K&N "Million Mile Warranty".



**New! K&N racing air filter** has just two layers of cotton to provide even lower air restriction equaling more power. For most current metric sportbikes.



### WIDE BAND COMMANDERS

#### WIDE BAND 1

The ultimate data logging tool for tuning—displays and records extremely precise air/fuel ratio utilizing a highly accurate, Bosch LSU4 sensor. Can be played back through computer, or you can use your laptop to display and record in real time. Features multiple analog channels for data recording, modular programmable output for nitrous, water injection, timing retard. Also features a fully programmable warning light.



#### WIDE BAND 2

Wide Band 2 is the second generation Wide Band Air/Fuel Ratio Monitor kit with digital technology, quickest response in the industry, lower price and a more compact package. Available as base unit, base unit with analog or digital gauge for real time viewing. Also available as a base unit with LCD touch screen display required for data logging.



### DYNOJET JET KITS

Dynojet kits increase power and smoothness throughout the entire rev range, while maintaining optimum fuel economy.

#### STAGE 1 KITS

For motorcycles/ATV'S with a stock engine using the stock airbox, air filter, and stock or aftermarket pipe. Fully adjustable to allow the use of well-designed aftermarket pipes and stock replacement air filters like K&N. Designed to improve throttle response and driveability—in most cases, power increases of approximately 5% throughout the entire power range can be achieved.

#### STAGE 3 KITS

For motorcycles with stock or mildly tuned engines using well-designed individual air filters and a stock or aftermarket pipe. In most cases, power increases of 10% to 15% can be achieved.





## [POWER COMMANDER V]

ORIENT EXPRESS is proud to have a long established relationship distributing Dynojet products to the motorcycle industry. To maintain good product knowledge and support we are also an **authorized certified power commander tuning center**. Using our in-house load control model 250 dyno in a climate controlled test cell, we are continuously developing and testing new combinations and creating maps. When you purchase a Power Commander from ORIENT EXPRESS, we'll ask about your bike's requirements (i.e. engine mods, pipes, air filters, etc.). Then we'll install either one of Dynojet's or our own custom maps for no additional charge. The Power Commander comes with software and a cable to connect to your PC; this allows you to make adjustments and optimize the fuel at all RPM and throttle positions for your motorcycle.

### AUTO TUNE FOR POWER COMMANDER V

The Auto Tune kit is an "add on" for Power Commander V's. The Auto Tune kit monitors and automatically corrects the fuel mixture ratio while you ride. Preset Air/Fuel ratio values are included. Simply plug in the unit and let it do the work or user friendly software allows custom air/fuel ratio strategies. For most models of bikes it is also possible to adjust the Air/Fuel ratios "per gear." This gives you total control of the fueling in every gear and throttle/RPM area if required.



### THE NEW PCV POWER COMMANDER V

The New Power Commander V is loaded with tons of new features. It is compatible with 2009 and newer bike models.

- Reduced size from PCIIIUSB (less than half of the size of PCIII)
- USB powered from computer
- Two position map switching function built in (switch not included)
- Gear input (allows for map adjustment based on gear and speed)
- Analog input (allows user to install any 0-5 volt sensor and build an adjustment table based on its input such as boost or temperature)
- With gear position input connected, the PCV is capable of allowing each cylinder to be mapped individually and for each gear
- Unit has a -100/+250% fuel change range (up from -100/+100%). This allows more adjustment range for eight injector sportbikes
- 10 throttle position columns
- Enhanced "accel pump" utility



#### AT-100

This is a "dual O<sub>2</sub> sensor" version made specifically for Harley Davidson models thru 2010. Monitors and adjust each cylinder individually.

Use part number AT-100B for 2010 HD's which require and include two each exhaust bungs for installation.

#### AT-200

This is a "universal fit" single O<sub>2</sub> sensor kit. It can be used on any vehicle that has a PCV installed on it.

#### AT-300

This is a "universal fit" dual O<sub>2</sub> sensor kit. It can be used on any vehicle that has a PCV installed on it.



### QEM QUICK SHIFTER EXPANSION MODULE

The QEM allows the Dynojet Quick Shifter sensor to be used with the Power Commander V on bikes with eight injectors. Ignition kill is not required. The QEM connects to the upper injectors and with a DQS (quick shift sensor) attached you will have full Quick Shifter functionality!



### SFM SECONDARY FUEL MODULE



In most cases with eight injector applications the PCV's +250% / -100% fuel adjustability allows more than enough adjustment through the primary injectors. Heavily modified engines (extreme big bore, turbo, NOS, etc.) may require additional adjustment of the secondary injectors. Once connected, the SFM allows separate mapping of both primary and secondary injectors by as much as +250/-100%.

There is also a "basic" mapping mode that allows a single map to control both upper and lower injector modules at the same time. For modified engines that do not need the complexity of mapping each cylinder and each gear separately.

Simply add a Dynojet Quick Shifter sensor for full throttle upshifts as ignition kill is no longer required. Now, you can have both added fuel control and quick shifter functions.



## IGNITION MODULE

Allows you to control and adjust your ignition timing for PCIIIUSB and PCV. "Direct coil driver technology" allows a high degree of timing adjustment. You can advance or retard the ignition curve up to 10° based on throttle position and RPM. You can also alter the timing for each cylinder. REV Extension available for some models.



## MULTI-FUNCTION HUB

The Multi-Function Hub for PCIIIUSB allows user to access advanced expansion features. Several activation methods are available to permit both input and output to/from the module.



## POWER COMMANDER PCIIIUSB

The Dynojet Power Commander plugs inline with your bike's stock fuel injection system. It uses OEM style connectors making installation easy and quick. The Power Commander III USB allows a full range of fuel adjustment, as much as +/- 100% over stock. Adjustments can be made either with a Windows based computer or by using the face plate mounted button adjusters. No permanent changes are made to the bike's system

The "expansion port" allows easy connection of accessories such the ignition module, Quick Shifter, Multifunction Hub, and LCD display unit.



### MAP SELECTION SWITCH

Connecting the optional Map Selection Switch allows the rider to switch between two different maps. Additionally, if the Power Commander has an Ignition Module connected it can switch to a less aggressive timing map at the same time.

### GEAR POSITION/SPEED INPUT

Fuel and ignition timing (when using the Dynojet Ignition Module) adjustments can be made based on gear position or speed. The Multi-Function Hub makes it possible for the user to advance the timing in lower gears while retarding it in higher gears.

### BOOST INPUT

When using a Power Commander on turbo charged applications the Boost Input option makes it possible to have the fuel automatically increase with boost level. When an adjustable boost controller is used, this capability eliminates the need for re-mapping each time the boost level is changed.

### PROGRAMMABLE OUTPUT

Based on the data from the Power Commander and the inputs from the Multi-Function Hub, a solenoid, relay, warning light, etc. can be triggered. This can be used to activate items such as a shift light, nitrous oxide system, or air shifter.

## LCD DISPLAY UNIT



Displays all Power Commander data in "real-time."

- Allows storage and switching between multiple maps
- Data logging capable (requires SD memory card)
- User configurable screens
- USB programmable and upgradeable
- Active matrix TFT LCD 240x320 16 bit color screen
- Built-in christmas tree function for practice start reaction times



**QUICK SHIFTER**

For PCIIIUSB and PCV and allows “full throttle, clutch-less” upshifts. Allows adjustment of “kill time” and “minimum RPM shift point”. Shift rod installed sensor for most applications. Optional tie-rods are designed to give maximum adjustment and easy installation. Linear sensors and handlebar switch’s are for universal applications. Eight injector PCIIIUSB applications will require an Ignition Module. PCV eight injector applications will require an Ignition Module or the QEM or SFM.



**Power Commander replacement parts and accessories: [www.orientexpress.com](http://www.orientexpress.com)**



**VANCE & HINES FUELPAK**

When Vance & Hines engineering staff designed Fuelpak, the focus was on making installation and use as simple as possible. Fuelpak plugs directly into the factory wiring harness and ECU to stay fastened securely to your bike. Fuelpak fits so discreetly that, with the exception of the improved throttle response and rideability, you won't even know it's there. And should you ever remove Fuelpak, your Sportbike, Cruiser or ATV will return to operating at it's original factory settings.



**DYNATEK FI CONTROLLER**

A plug in module that offers three user-selectable base fuel curves designed to improve engine operation. Can be modified to suit a variety of modifications. Adjustments are made via three potentiometers that adjust the fuel curve in the proper ranges from the application. Fuel mixture can be enriched or leaned. Uses the factory connectors for easy installation, plus no PC is required for tuning or adjusting the fuel curves. No modifications to the stock ECU, and removing the module returns the vehicle to the factory configuration.



**THE FUEL MOTO EFI TUNER FOR HARLEY DAVIDSONS**



This easy to install Power Commander III USB based controller features easy to use PCIIIUSB software and fuel maps. This is a full featured unit which plugs directly into your ECM with OEM style plugs. The Fuel Moto EFI Tuner features a powerful range of fuel and ignition timing adjustments, allows for individual cylinder tuning, has the ability to control start up/cranking fuel.

There is an easy to use accelerator pump feature, and also allows users to raise the factory rev limiter to 6200 RPM's (excluding V-Rod models). Real time tuning with injector control of +/- 100%. Ignition timing adjustment +/- 10°. An EFI controller small in price, big on features.

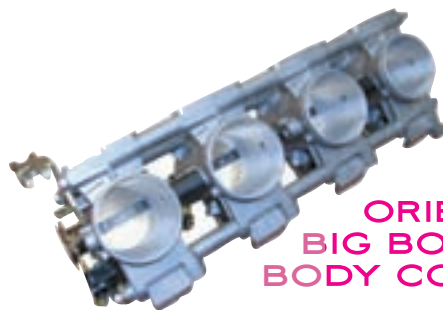
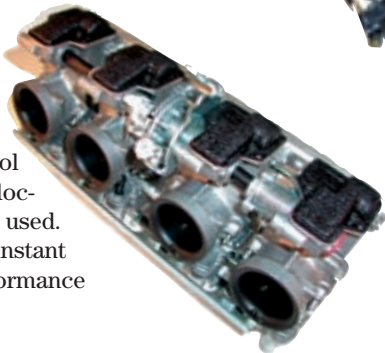




### RS SERIES RADIAL FLAT SLIDE CARBURETOR

AVAILABLE FOR KAWASAKI KZ SERIES, SUZUKI GS AND GSXR OIL COOLED SERIES.

Mikuni Radial Flat Slide racing carburetors are the answer for old school high-performance. With high port velocity, larger carburetor venturis can be used. The built-in accelerator pump gives instant throttle response offering great performance and driveability.



### ORIENT EXPRESS BIG BORE THROTTLE BODY CONVERSION

FOR GSXR1000, GSX1300R, ZX14, XV1700 WARRIOR

#### CORES REQUIRED

2mm overbored and tapered throttle bodies for improved power. Utilizing precision ground stainless steel throttle plates. Great performance gains for modified aspirated and turbo applications.



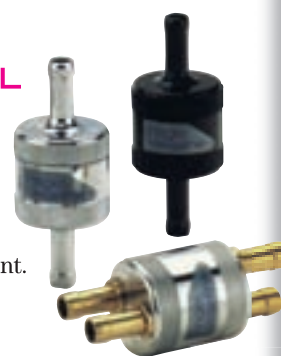
### MIKUNI VELOCITY STACKS

Aluminum stacks designed for use with the MIKUNI RS Series radial flat slide carbs.



### PINGEL FUEL FILTERS

Super short billet aluminum in-line fuel filters offer high flow, high quality, and a cleanable bronze element.



### BILLET SPORTBIKE VELOCITY STACKS

Billet aluminum direct replacement for improved horsepower and power curve. Available from Muzzys and Factory Pro for most current sportbikes.



### ORIENT EXPRESS ROAD STAR MIKUNI CARB KIT

Wake up your Road Star with our Mikuni HSR carburetor and ported intake manifold kit. This combination has netted gains of 10-12 hp. We offer these kits with 42mm, 45mm and 48mm Mikuni HSR carbs. Kit comes complete with carburetor, cables, and ported intake manifold.



### MIKUNI HSR CARBURETORS

Mikuni's HSR42, HSR45 and HSR48 carburetors are the finest motorcycle carburetors made today. They give superb throttle response and deliver all the air flow needed for any level of performance, be it V-twin cruiser or turbo application. Choke cable included.



### PINGEL POWER-FLOW AND GUZZLER PETCOCKS

Big bore kits, racing carburetors, high performance exhausts all require increased fuel flow. Stock petcocks will not do. These precision manufactured petcocks are available in 1/8" I.D. with single, dual, or triple outlets. Adapters are available for most current model stock fuel tanks. Guzzler series for extreme flow applications.



### QUICK TURN PUSH-PULL THROTTLE ASSEMBLY

Aluminum bodied 1/4 turn assembly for 7/8" bar with cables.

