

Features

- Accurately detect injection faults and take action to protect your engine from loss of injection.
- 12volt Signal output when flow above user set point
- Fully Integrated Methanol Safe Flow Sensor
- 0-5v Flow Signal Output
- Optional Digital Flow Gauge Available
- Rugged Design for Under Hood Applications
- Easy Adjustment and Setup
- 1 Year Warranty



Description:

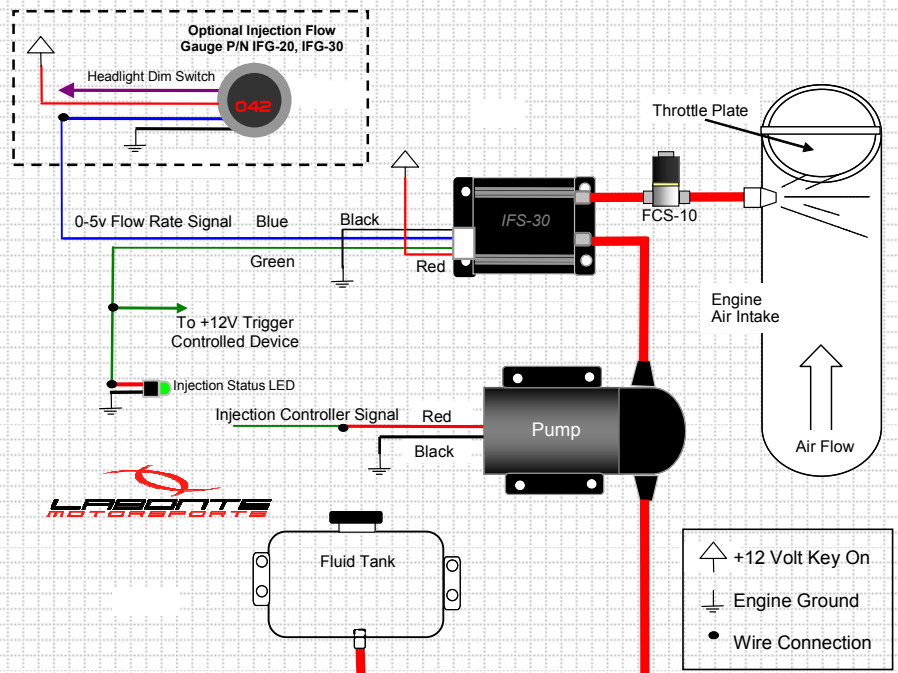
The IFS-30 from Labonte MotorSports is engineered to reliably monitor methanol injection systems on turbo charged engines. The unit acts as a watchdog for the system, keeping boost pressure at wastegate levels until methanol injection is active. The integrated flow sensor monitors the injection rate and the unit will output a 12volt signal when rate is above a user adjustable set point. This allows for accurate detection of pump failure, clogged nozzles or running out of fluid. When used with the BBK-20, the engine is kept at low boost level if there is a loss of power to the IFS-30 for additional safety. The small rugged design and easy setup makes the IFS-30 the logical choice for automotive/offroad enthusiasts.

Operation:

The IFS-30 easily installs between the injection pump and nozzle. Connect the pump output line to the fitting labeled Pump and the nozzle line to the fitting labeled Nozzle. The output trigger can be connected to an aftermarket timing retard module, or a solenoid to bypass a boost control device. This results in reduced timing or limiting boost to wastegate pressure until methanol injection begins.

OPERATING CHARACTERISTICS

Characteristic	Min	Typ.	Max	Units
Operating Temperature	0	----	105	deg C
Supply Voltage	9	13.8	16	Vdc
Drive Current	----	1	1.5	Amps
Flow Range	100	----	2500	ml/min
Output Trigger	1.25	----	12.5	Vdc



Typical System Install