



Water-Methanol Ifs Answered With the IFS-10

We here at Labonte MotorSports have come up with a way to give the customer peace of mind when they use water methanol injection systems. The IFS-10 injection failsafe protects engines if an injection kit fluid flow abnormally stops. The IFS-10 is engineered to reliably monitor Shurflo pump based water methanol injection systems. It monitors fluid flow and will output a 12 volt signal in the event flow drops below a user adjustable set point. The 12volt signal can be used to reduce vehicle timing through an aftermarket ignition control box or reduce turbo pressure to wastegate levels using the optional BBK-10.

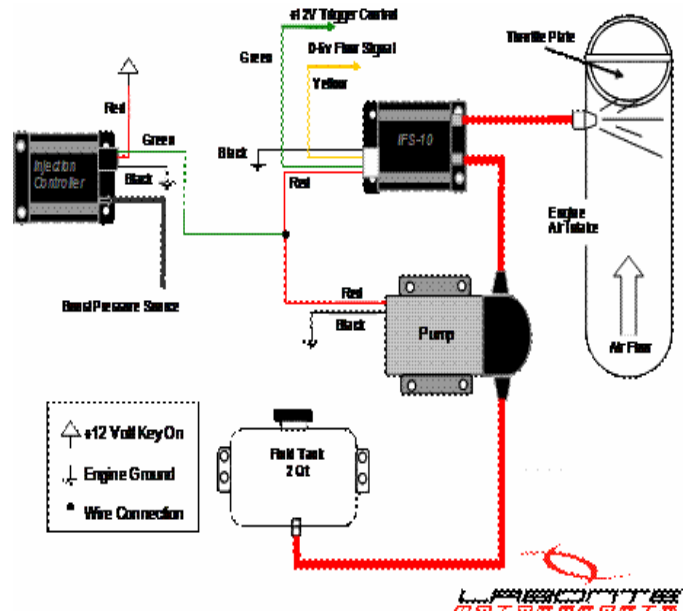


There are a few “ifs” when dealing with water methanol systems. What if the nozzles clog? What if a hose pops off? What if a pump fails? What if I run

out of fluid? For only \$139, Labonte MotorSports answers the “ifs” in water methanol injection.

How it operates

The IFS-10 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 in the event fluid flow stops.



Tech Tips

Injection Fluids

Here are some guidelines for the most common tech question we get.

Ideal mixture is 50/50 water to methanol. This will result in the best combination of intake cooling and fuel octane increase.

We do not recommend using 100% methanol. Methanol has a low flash point and can ignite if it spills on the engine. At least 25% water by volume should be used to reduce the risk.

If you have a local supply of methanol and want to mix your own injection fluid, use distilled water. Tap water has many minerals that can clog your injection system overtime (Remove the cold water line from the back of your washing machine for example)

Window Washer Fluid:

Most window washer fluids of the -20F to -25F contain on average 30-36% methanol and can be used with your injection system. To increase the volume of methanol, mix 2-3 of the yellow 12oz bottles of HEET gas line antifreeze. HEET is about 98% methanol.

DO NOT use any window washer fluids of the -30F or -40F that are not blue as most contain propylene glycol (anti-freeze) that will be harmful to your engine. Also washer fluids with a freezing point greater than -20F will contain very little methanol.

Need to Know Your

Flow ?

Labonte MotorSports has the



answer. The now available IFG-20 and IFG-30 are standard 52mm size gauges that operate with the output signal of our Injection Fail

Safe. The gauges show Real-Time injection flow rates in ml/min. Also with a push of a button you can recall your Peak flow reading. Available in high brightness Red or Blue LED display. List price \$74.95 & \$79.95

Interested in being a Dealer for Labonte MotorSports Products ?

We make it easy for Qualified Dealers to get started. Send us an email at sales@labontemotortsports.com or call and we will send you out our Dealer application kit.

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