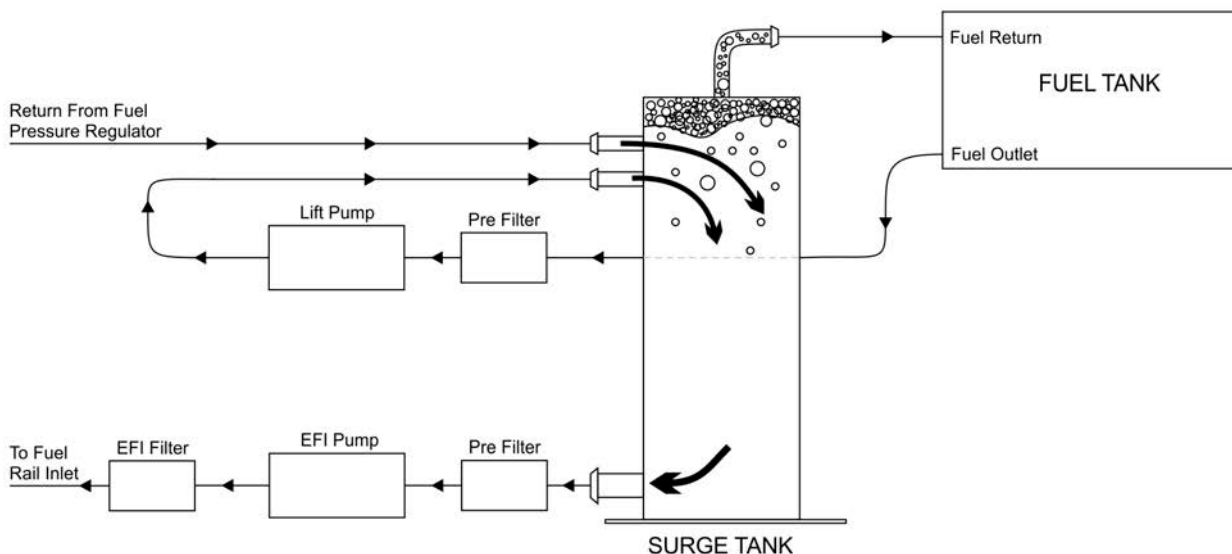


SURGE TANK OPERATION

It is vital that the fuel delivered to your engine's fuel injectors is of constant flow and pressure. A correctly fitted surge tank system will ensure that your engine receives fuel free from air bubbles or foam.

If any fuel foam or bubbles are present in the fuel delivered to your injectors, your fuel mixtures will vary greatly from one injector pulse to the next.



Every item in the fuel system from the Fuel Tank to the Fuel Injectors must be sized correctly to suit the expected engine power, and the type of fuel you are running your engine on.

All hose and hose clamps must be of appropriate fuel pressure rating and fuel type to ensure safe operation. Never use fuel hose designed for carburetor systems on an EFI system.

NOTE: The Lift Pump must have enough flow to provide the fuel requirements of your engine. If the Lift Pump cannot keep up with the engine's demands, the Surge Tank will gradually empty, and the EFI Pump will run out of fuel to deliver to the Fuel Rail.



WANT TO KNOW MORE?

For ongoing training, join our EFI Hardware Technical Email Series, where you will learn even more about EFI, installation and tuning at www.efihardware.com.

Use our Fuel Injector Flow and Horsepower Calculator iPhone/iPad/iPod app. Search the app store for - Injector Calc.