



## **QUICK STAR 300 SERIES**

Installation and Operating Instructions  
Series Model MP-4601 & MP-4650

### **Introduction:**

The accompanying MagnaFuel fuel pump part# MP-4601 or MP-4650 is designed for vehicles NOT subject to emission controls. The QUICK STAR 300 series can be run continuously for up to 1 ½ hours for limited street driving. The MP-4601 and MP-4650 are a precision assembly for maximum performance. The following instruction should be followed carefully.

### **Description of Operation:**

This pump, like all MagnaFuel pumps, is compatible with all racing gasolines and alcohol fuels. Fuel additives are not recommended and may void the warranty. The MP-4601 and MP-4650 have an external by-pass that is adjustable from 25 to 35 psi. They come preset at 25 psi. The QUICK STAR 300 Series has enough flow capacity to support 950 HP on gasoline or 500 HP on alcohol. All MagnaFuel pumps require a #8 return line and a #8 vent or rollover valve. Return line and vent must be above the fuel level. The QUICK STAR 300 series pump is designed to work with a dead-head style regulator, if a by-pass style regulator is desired; the by-pass at the pump must be capped or plugged.

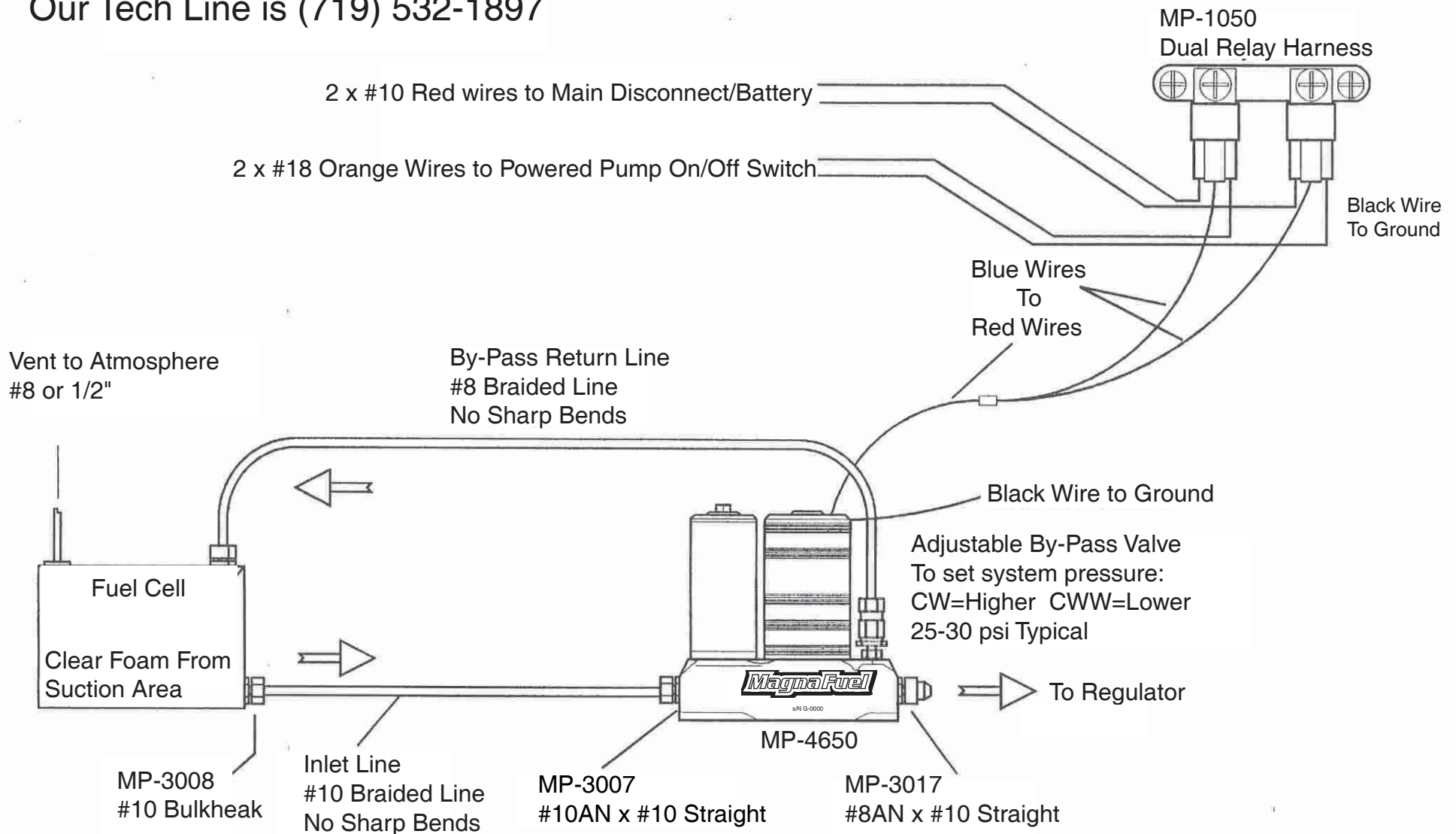
### **Installation:**

We suggest installing the MP-4601 and MP-4650 fuel pumps like the plumbing diagram on the back of this page. The QUICK STAR 300 pump can be mounted in any position necessary. The pump does not need to be gravity feed and can be mounted a few inches above the fuel level if necessary. The dual relay is redundant system and is optional. A single relay or 30 amp fuse is adequate. We suggest using our flow radiused fitting in all of our products to enhance and maximize the application.

# MagnaFuel

MP-4650 or MP-4601  
Wiring/Plumbing Schematic

Our Tech Line is (719) 532-1897



**NOTE:** Fittings are not pipe thread. Using pipe fittings will cause damage.  
Filter: We recommend the use of a filter with all fuel pumps.