FUEL TRANSFER SYSTEM

X-TREME HUMMER PERFORMANCE INSTRUCTIONS

The XHP fuel transfer system is designed to work with Hummers and HMMWV with dual fuel tanks. It can be programmed to work with Either OEM H1 Hummer fuel gauge or nearly any aftermarket fuel level gauge.
*** Specify when ordering**

The system is designed to eliminate the need for a switching valve and allow the vehicle to operate ONLY off of the main (front) tank and utilize the secondary rear tank as an auxiliary tank where fuel is automatically (or manually) transferred from the rear tank to the front. Just as any modern GM dual tank vehicle would. The primary engine supply and return will only be connected to the main tank.

The front system is programmed to only transfer fuel from the rear tank if the main tank is below a quarter tank and/if the rear tank has fuel. It will then automatically transfer fuel from the auxiliary tank to the main tank until the main tank reaches 3/4 capacity or the auxiliary tank is empty.

The transfer pump is connected to the auxiliary tank pickup and connected to the main tank at the sending unit plate or in the main tank filler neck. The auxiliary tank will no longer need an engine return fuel connection and this fitting can typically be capped off. The pump has the outlet side labeled and must be pointed towards the main tank. The inlet side has a pre-filter that is plumbed to the auxiliary tank pickup.

The wiring is as follows:

- Red- 12v Ignition.
- Black - Ground
- Yellow - splice into Main tank sending unit signal wire. (Must remain connected to Fuel level gauge on dash)
- Green -7 terminal connector - to system monitor
- Orange / Black - transfer pump (positive/negative)
- Blue / Black - Aux Tank sending unit (signal/ground)

Both senders must be approx. 30-230ohm resistance.

***** both senders must have a good ground connection to the vehicle*****