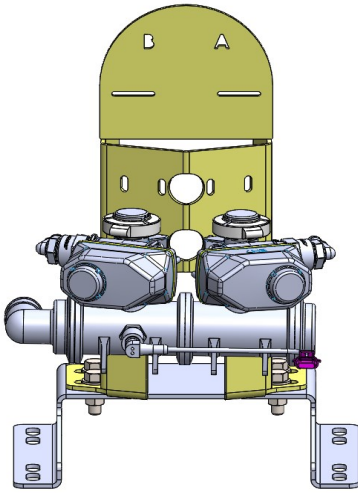




# 396-001861

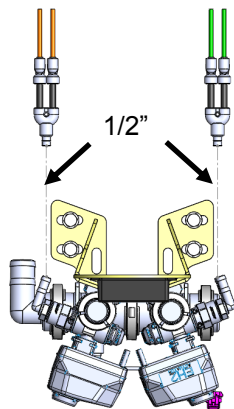
## LiquiShift Single Section KZ Valves

### Assembly and Mounting

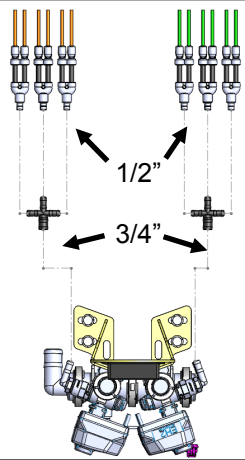


Valve Stack can mount directly to forward/backward frame. Use optional bracket kit 515-105100 to mount valve stack to lateral frame members.

Feed into the section valve stack using 3/4", 1", or 1-1/2" hose from the pump. Each section valve output hose may be split using tees or crosses to feed the necessary number of banks per section.



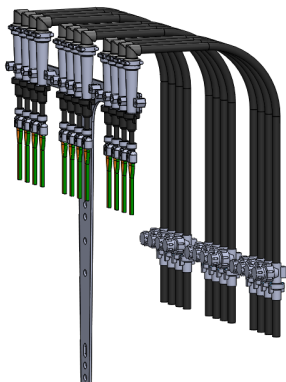
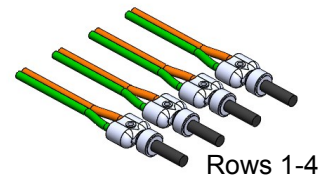
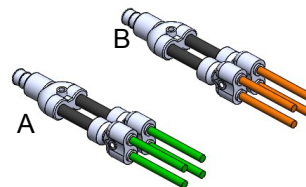
Examples shown:  
4 Rows per Section (left)  
12 Rows per Section (below)



**The smaller ID tubing must be connected to the "A" series valves.**

Metering Tube Sizes	
Color	I.D.
Black	0.187
Yellow	0.170
Orange	0.150
Tan	0.125
Green	0.110
Blue	0.096
Purple	0.080
Gray	0.060

Dual metering tube comes pre-assembled in 3, 4, or 6 row assemblies. 1/2" hose barb ends go to the section valves, 3/8" tubing goes to flow indicators.

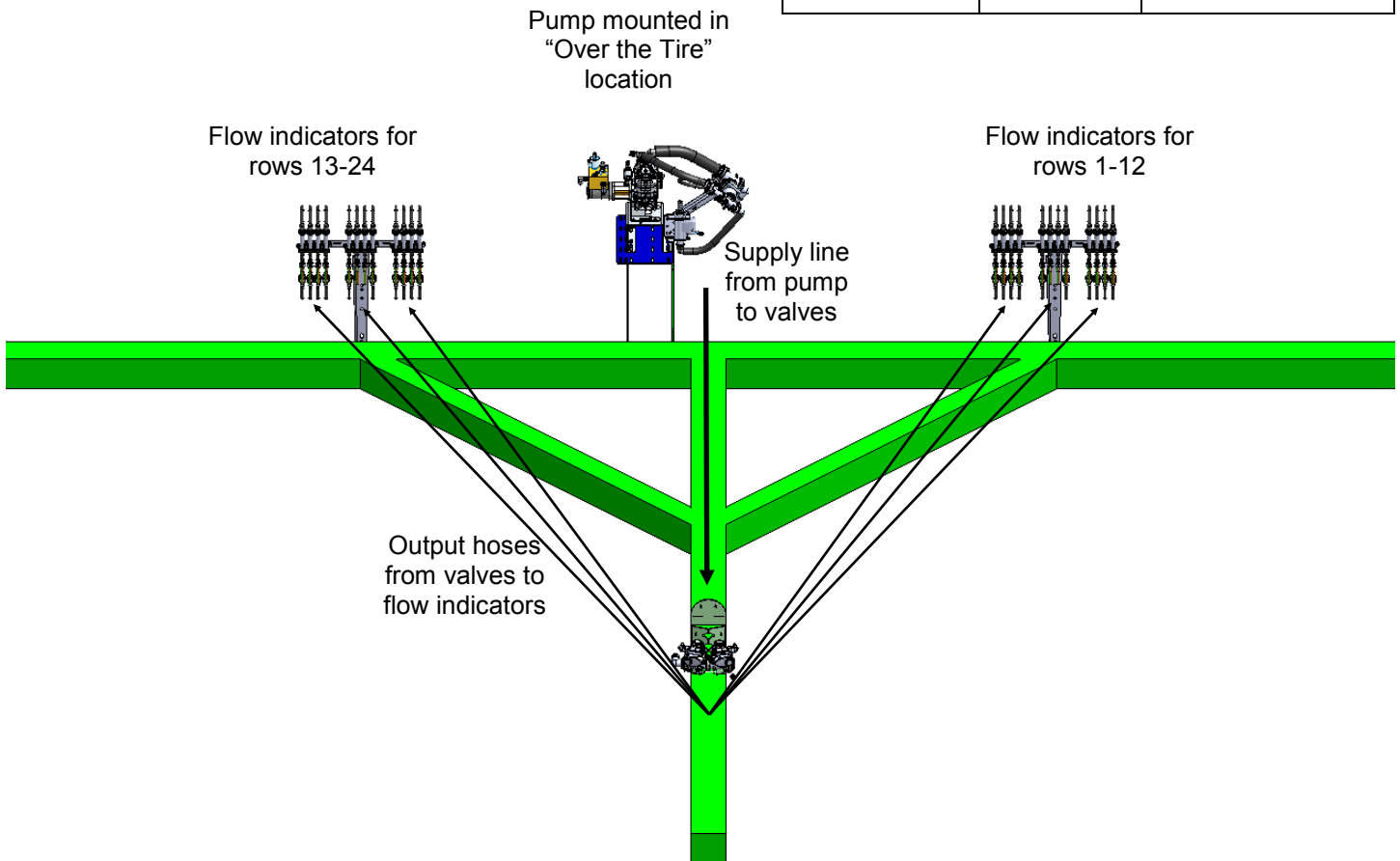


Mount flow indicators in banks (can be on one or multiple brackets). Dual metering tube Y's will attach to bottom of flow indicator. Top of flow indicator outputs through check valve to the row.

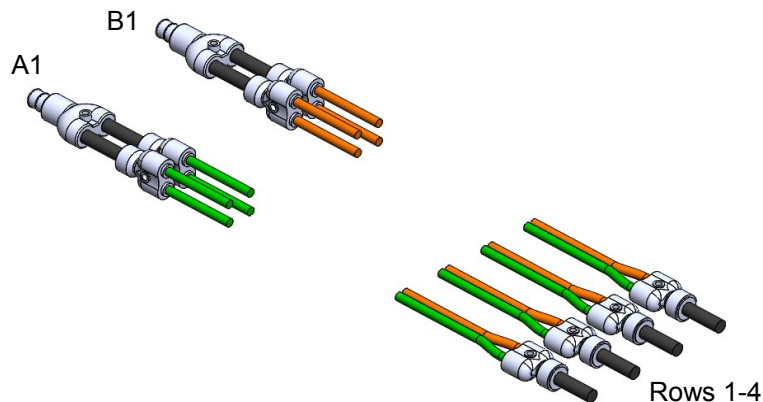


# LiquiShift Single Section KZ Example Generic Setup

Flowmeter Kit	Range	Hose Barb Size
500-02-2050	.3-5 GPM	3/4"
500-02-2060	.6-13 GPM	1"
500-02-2070	1.3-26 GPM	1"
500-02-1080	2.6-53 GPM	1-1/2"



Valves A1 and B1 both feed the pre-assembled metering tube set which goes to the same set of flow indicators.





# LiquiShift Single Section KZ Harness Schematic

201-2558Y1  
16 Pin Single Section  
(A and B Valves only)



MANIFOLD A

MANIFOLD B

CONTROL PRESSURE

AUX VALVE  
1 FLOW  
RETURN

- 201-2542Y2  
GS2 Adapter Cable – 37 pin to twin 16 pins with LiquiShift Control Adapter  
OR
- 201-2552Y2  
Trimble Adapter Cable – 37 pin to twin 16 pins with LiquiShift Control Adapter  
OR
- 201-2598Y2  
Ag Leader Adapter Cable – 37 pin to twin 16 pins with LiquiShift Control Adapter

Sections

Optional 16 Pin extension  
216-16-215XXX



To run the LiquiShift Manual Override unplug the 8-pin Deutsch connector from the LiquiShift Controller, and plug in the 8-pin Deutsch on the Manual Override (with the switches for A valve and B valve)

218-2565Y1  
LiquiShift Controller

Plug this into the Manual Override harness. You can then Open "A" valves or "B" valves or both A & B.



Pump



207-215223Y2 PWM Pump Cable – Flowmeter, PWM, & Pressure



PRESSURE 2



Pressure Range Selection Caps

Hydraulic Press  
20-70 PSI

3 Pin MP Tower

IN1	A
IN2	B
GND	C

Hydraulic Press  
20-80 PSI

3 Pin MP Tower

IN1	A
IN2	B
GND	C

Hydraulic Press  
20-60 PSI

3 Pin MP Tower

IN1	A
IN2	B
GND	C

Tower Press  
15-40 PSI

3 Pin MP Tower

IN1	A
IN2	B
GND	C