396-2689Y1
LiquiShift Multiple Sections Stainless Steel Manifolds Assembly and Mounting

Manifold Control Module

B4   A4
B3   A3
B2   A2
B1   A1
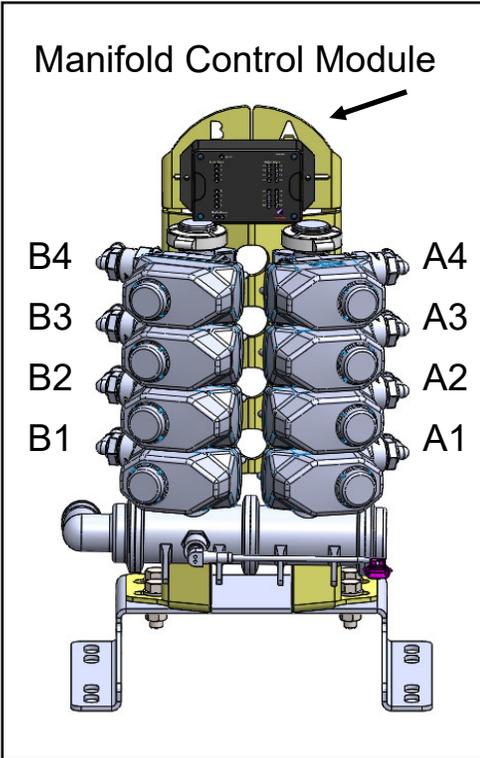
Feed into the section valve stack using 3/4", 1", or 1-1/2" hose from the pump. Each section valve output hose may be split using tees or crosses to feed the necessary number of manifolds per section.

Valve Stack can mount directly to forward/backward frame. Use optional bracket kit 515-105100 to mount valve stack to lateral frame members.
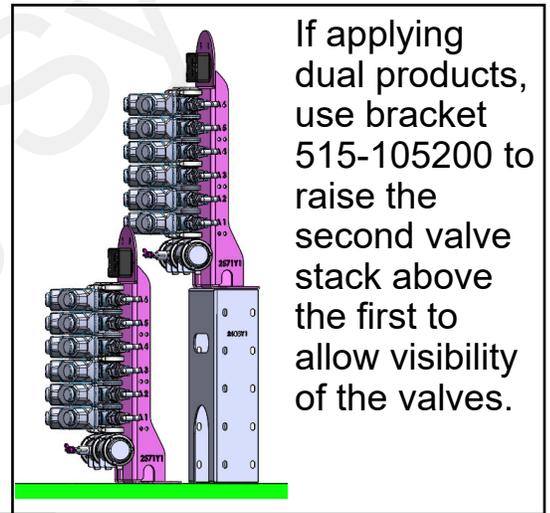
If applying dual products, use bracket 515-105200 to raise the second valve stack above the first to allow visibility of the valves.
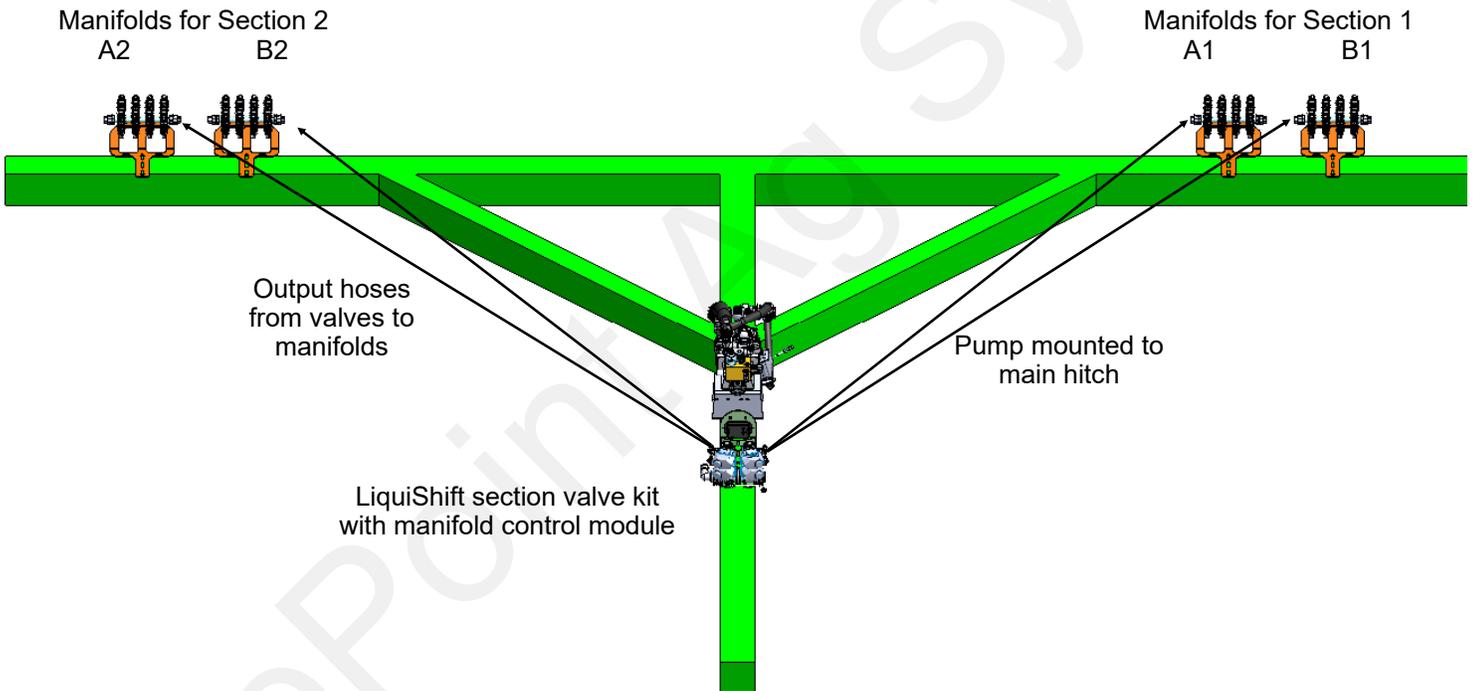
Manifold B   Manifold A
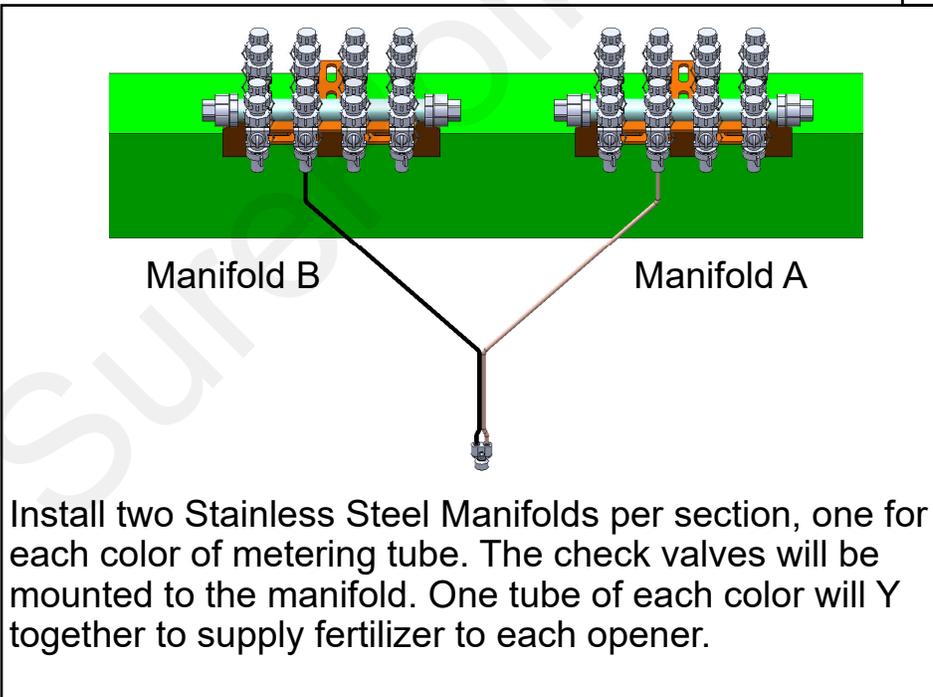
The smaller ID tubing must be connected to the "A" series valves.

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

Install two Stainless Steel Manifolds per section, one for each color of metering tube. The check valves will be mounted to the manifold. One tube of each color will Y together to supply fertilizer to each opener.

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"

Manifolds for Section 2
A2   B2

Manifolds for Section 1
A1   B1

Output hoses
from valves to
manifolds

Pump mounted to
main hitch

LiquiShift section valve kit
with manifold control module

LiquiShift
Multiple Sections
Harness Schematic

218-2551Y1
Manifold Controller

CONTROL PRESSURE

AUX VALVE 1 FLOW RETURN

201-2548Y1
37 Pin to 16 Section A and 16 Section B Valves

SECTION A1 | SECTION A2 | SECTION A3 | SECTION A4 | SECTION A5 | SECTION A6 | SECTION A7 | SECTION A8

SECTION B1 | SECTION B2 | SECTION B3 | SECTION B4 | SECTION B5 | SECTION B6 | SECTION B7 | SECTION B8

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

218-2565Y1
LiquiShift Controller

Pump

Flow

PWM

CONTROL PRESSURE

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