Setup Guide

Goal: Mount unit to fork truck and verify proper function.

Step 1. Match Mounting clips to carriage size.

Class III use top mount holes, Class II use next set down (middle holes). Lower clips must match upper clips and can be identified by II or III etched in them.

Step 2. Match unit to fork truck hydraulic supply.

Bulkheads in frame of F475A can be moved to either side to match fork truck auxiliary function. They are #6 FOR-SEAL.

If moving is necessary, you will need the following tools: 1" deep socket and ratchet, 1" combination wrench, 7/8" double-end angled-head wrench and 3/4" combination wrench.

Step 3. Verify bin flap closing before tipper frame dump.

Auxiliary function should close bin flaps before dumping. If not, adjustment of **valve #1** is necessary. This is preset to **1,300 psi.**

See **Troubleshooting Guide** section for adjustment details.

When this function is working properly the bin flaps will close before tipper frame begins to dump. Once set, this will not need to be changed again unless the unit is moved to another fork truck. Moving to another larger or smaller class of fork truck may require adjustment for its flow and pressure capabilities.

Step 4. Verify tipper frame rotation and bin flap opening from dumped position.

Auxiliary function should rotate tipper frame back before bin flaps open. If not, adjustment of **valve #2** is necessary. This is preset to **1,900 psi.**

See **Troubleshooting Guide** section for adjustment details.

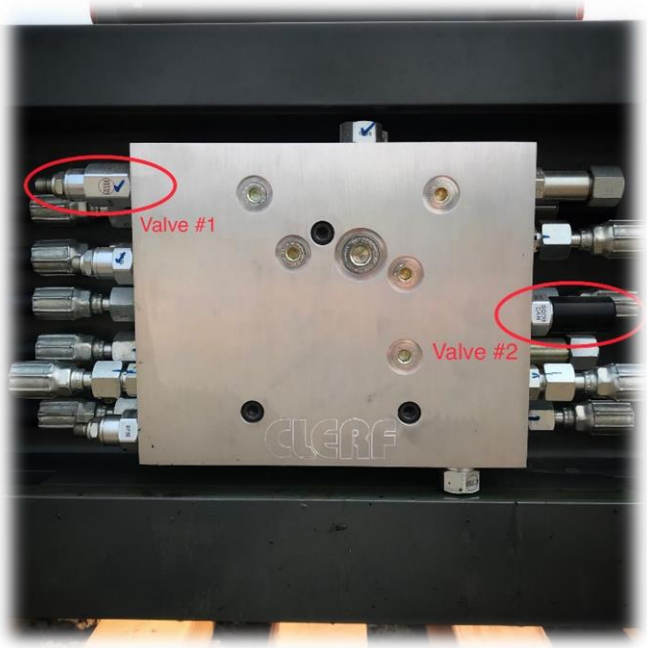
When this function is working properly the tipper frame will rotate back before the flaps open. Once set, this will not need to be changed again unless the unit is moved to another fork truck. Moving to another larger or smaller class of fork truck may require adjustment for its flow and pressure capabilities.

Fork Truck Requirements

Flow 8-15 gpm

Pressure 2,100-2,500 psi recommend 2,350 psi

It is the responsibility of the installer to verify fork truck hydraulic flow and pressure capabilities. Adjustment cannot correct for inadequate delivery and will result in poor performance.



Troubleshooting Guide

Operation Legend	
1A	Close flaps
1B	Dump
2A	Rotate back
2B	Open flaps

Troubleshooting Guide		
Problem	**Cause**	**Solution**
Bin Flaps Close (**1A**) but tipper frame does not dump (**1B)**	**Valve #1** setting pressure too high	Turn **Valve #1** counter-clockwise 1/8 turn
Tipper frame dumps (**1B**) before bin flaps close (**1A**)	**Valve #1** setting pressure too low	Turn **Valve #1** counter-clockwise 1/8 turn
Tipper frame rotates back (**2A**) but bin flaps don't open (**2B**)	**Valve #2** setting too high	Turn **Valve #2** counter-clockwise 1/8 turn
Bin flaps open (**2B**) before tipper frame rotates back (2A)	**Valve #2** setting too low	Turn **Valve #2** clockwise 1/8 turn