

Single Power unit Hydraulic ILD

Pressure Gauge 3000 PSI

Lock Valve

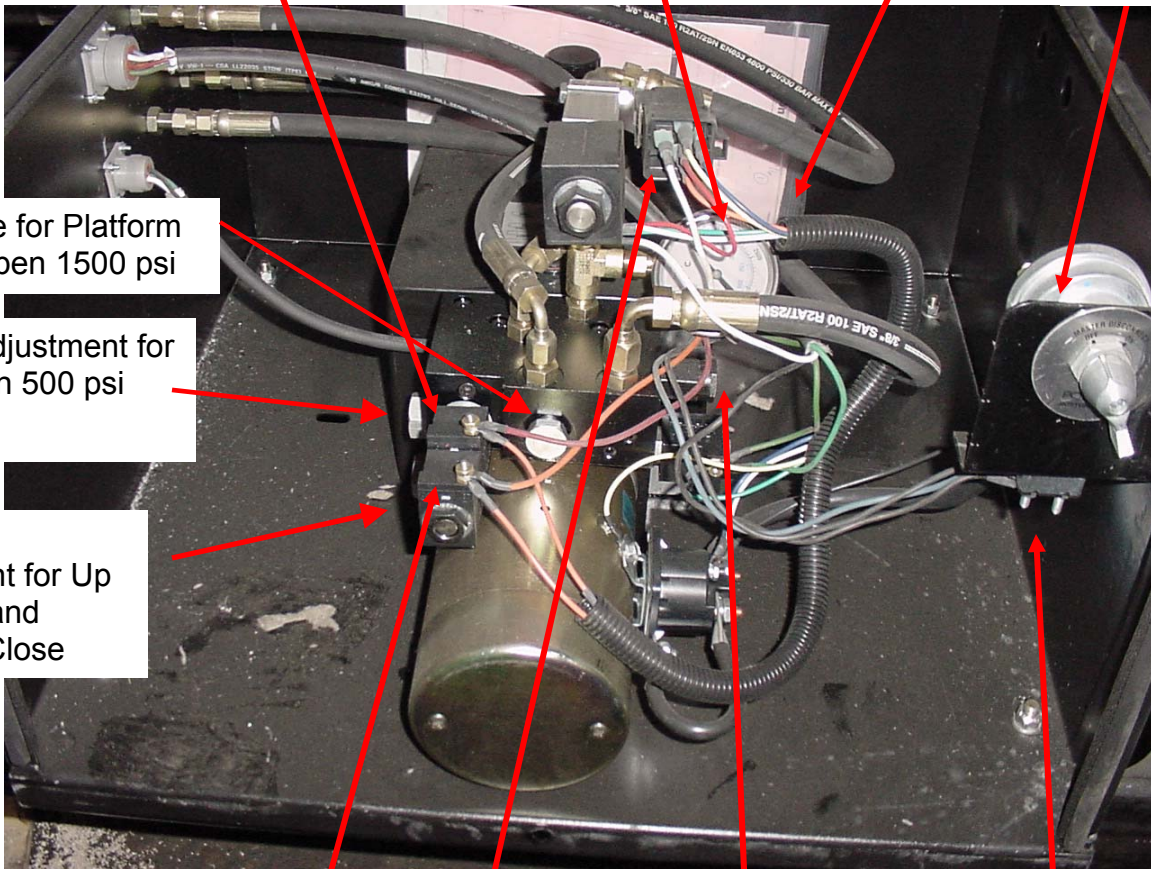
Hydr. Close Valve B

Master Switch

Pressure for Platform
power open 1500 psi

Pressure Adjustment for
Power Down 500 psi

Pressure
Adjustment for Up
Function and
Platform Close



Hydr. Open Valve A

Relay

Lowering Valve C

15A Circuit Breaker Protect
power line to switch

Operating liftgate **up** → Lock Valve is activated and the motor

Operating liftgate **down** → Lock Valve opens, lowering valve C and the motor activated

Operating the power **open** → **Relay is used here**. Relay directs power to valve B and motor for opening.

Operating the power **close** → **Relay is used here**. Relay directs power to valve A and Motor for closing

Why the relay is used? The relay is used to direct power to either the coil A or coil B and the motor solenoid to activate the motor without activating the “Lock Valve”.

ELECTRIC / HYDRAULIC SCHEMATIC

SINGLE MOTOR

68487

