

To: All Distributors
Regional Sales Managers and National Sales Manager

From: Technical Service

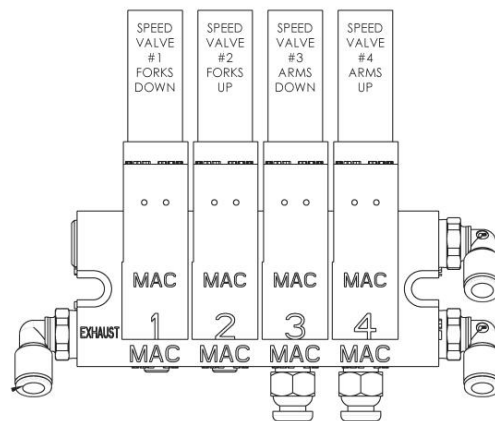
Model: Wittke Front Loader

Subject: Auto Dump Pneumatic System Speed Adjustment

The optional auto-dump system on the Wittke front loader utilizes potentiometers mounted on the arm & forks to monitor their position. They are monitored by the control system, which is programmed to activate four Mac pneumatic valves, referred to as Speed Valves 1, 2, 3 and 4. The Speed Coils provide preset air pressure to operate forks up/down and arms up/down functions. The following air pressures for each speed valve are reference points, and may be adjusted to match individual preferences:

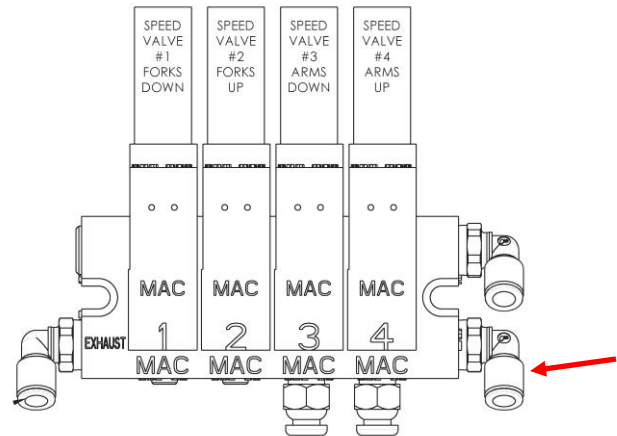
- Speed 1 – 42 PSI (Forks Down)
- Speed 2 – 48 PSI (Forks Up)
- Speed 3 – 59 PSI (Arms Down)
- Speed 4 – 90 PSI (Arms Up)

The Speed Valves are located on the front, left face of the body.

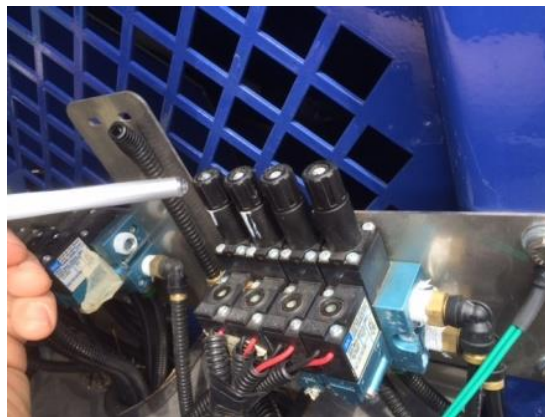


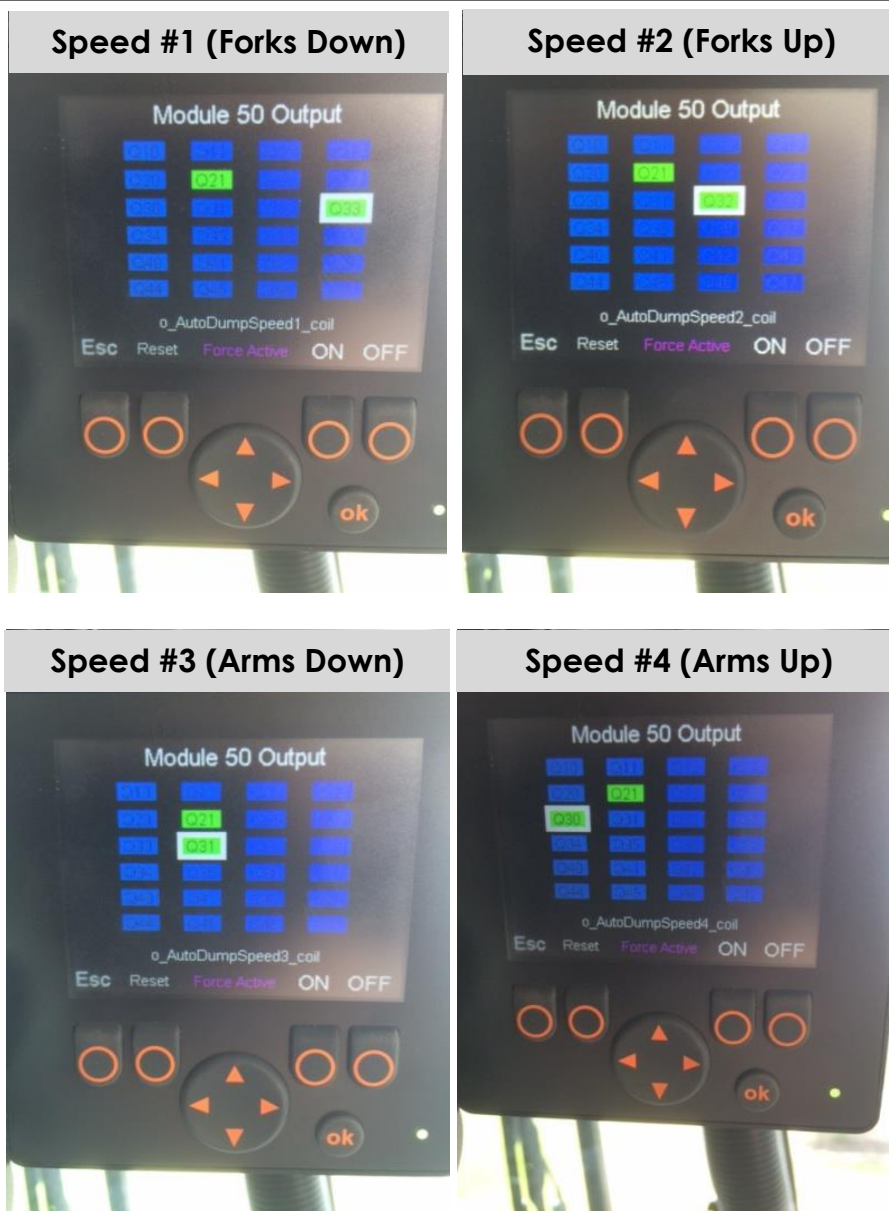
AUTO-DUMP ADJUSTMENT PROCEDURE:

Using a 1/4" push-lock tee air fitting, (LabriePlus part number 108800) and 1/4" air line, install a 0-200 PSI air pressure gauge to measure system pressure at the lower left side air fitting.



Start the chassis engine and ensure the pneumatic system is completely pressurized. The Wittke hydraulic pump must be in the OFF position. Via the multiplex control display, force each specific speed valve to ON (the output indicator will turn green) – WARNING: FORCING OUTPUTS MAY RESULT IN THE OPERATION OF BODY FUNCTIONS WITHOUT THE STANDARD OPERATIONAL CONTRTOL INPUT. DO NOT ATTEMPT THIS WITH THE PUMP ENGAGED. As each feature is forced on, check the air pressure and adjust accordingly by loosening the cross-head locking screw on top of the valve and turning the knurled adjustment knob at the top of the speed valve clockwise to increase pressure; counter-clockwise to decrease pressure. When complete, tighten the cross-head locking screw.





The system diagram and pneumatic schematic is also included for reference.

Please contact LabriePlus at (800) 231-2771 with any questions or for further information.

Turn pump to the OFF position prior to adjusting mac valve air pressure

SUPPLY /
ALIMENTATION

PNEUMATIC BOX /
BOITIER PNEUMATIQUE

EXHAUST /
ECHAPPEMENT

EXHAUST /
ECHAPPEMENT

Module 50
Output Q33
42 psi

Module 50
Output Q32
48 psi

Module 50
Output Q31
59psi

Module 50
Output Q30
90psi

Install air pressure
gauge here

