



- PORT NO. 1 - EXHAUST
- PORT NO. 2 - DELIVERY TO LIFT BAG
- PORT NO. 3 - SOLENOID SUPPLY FROM RESERVOIR
- PORT NO. 4 - DELIVERY TO RIDE BAG
- PORT NO. 5 - SUPPLY FROM HEIGHT CONTROL VALVE

SUPPLY AIR FROM TRAILER RESERVOIR IS INTRODUCED INTO THE VALVE AT PORT NO. 3, AT THE SAME TIME TRAVELLING THROUGH A PASSAGEWAY TO THE INPUT SIDE OF THE SOLENOID. SIMULTANEOUSLY, AIR FROM FROM THE HEIGHT CONTROL VALVE IS INTRODUCED AT PORT NO. 5 PASSING THROUGH THE VALVE AND EXITING AT PORT NO. 4. THIS AIR FILLS THE RIDE BAGS WHICH LOWERS THE LIFT AXLE. WHILE THE RIDE BAGS ARE FILLING, THE LIFT BAG IS EXHAUSTING THROUGH PORT NO. 1

FIGURE 1

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VALVE IS SHOWN WITH THE SOLENOID IN THE DE-ACTIVATED POSITION