

Technical Bulletin

Bulletin No.: PRO-03-18

Effective Date: 2/15/79

Cancels: N/A

Page: 1 of 2

Subject: **MV-2 CONTROL VALVE PRODUCT DESCRIPTION**

The MV-2 Control Valve has been released and is being used at the present time by White and I.H.C. on certain models. This is a modular-type control valve with two buttons, which will perform the following functions:

- Tractor protection control
- Trailer service air supply
- System park
- Trailer park only
- Trailer charge with tractor spring brakes applied (tractor park only)
- Supplied reservoir selection

The valve will be serviced by spool replacement cartridges and a dual circuit supply valve maintenance kit.

The service spool for the trailer control portion (red button) is 101569. This includes a pre-lubricated spool and a spirol pin for attaching the button.

The spool for tractor control (yellow button) is piece No. 101570; also packaged pre-lubricated with spirol pin included.

The dual circuit supply valve, included in the tractor control section, is a spring loaded valve which selects No. 1 reservoir as the supply for both control valves, unless No. 1 reservoir falls at least 25 p.s.i. below No. 2 reservoir, at which point the valve will cycle and establish No. 2 reservoir as the supply. Dual circuit supply valve may be serviced with a maintenance kit Piece No. 101557.

Note: Reservoir No. 1 must be the reservoir that supplies the rear tractor axle(s).

Reservoir No. 2 must be the reservoir that supplies the front axle.

Body assemblies will also be available in case of valves damaged by accident or fire, as well as buttons and pins. The chart below summarizes the MV-2 piece numbers and service items.

MV-2	Trailer Supply Valve		Tractor Supply Valve		Body Assembly
MV-2	Spool Assembly	Button	Spool Assembly	Button	
101437	101569	293510	101570	293511	101571
101438	101569	*293557	101570	*293786	

Dual Circuit Supply Valve Maintenance Kit – 101557

Spirol Pin to retain buttons - 238379

*White only