

Most Haldex Valves are available in New, Remanufactured and CoreFree.  
Please consult the Haldex Master Catalog (haldex.com) for our complete listing. +

## Relay Valves

- Used to apply and release service brakes on tractor or trailer
- Cover may be rotated without affecting performance or warranty
- Valves are supplied with and without brackets (brackets may be purchased separately)

### RG2 - TWO PORT TRAILER VALVE

- Compact size
- Control Position is in relationship to Delivery ports
- Mounting .34" on 1 1/2" centers
- Crack Pressure 5.6 +/- 1.0 PSI



Service Part No.	Supply	Delivery	Control Position
KN28500	(2) 3/8"	(2) 3/8"	90°
KN28510	3/8" & 1/2"	(2) 3/8"	90°
KN28514X*	1/2" & 3/8"	(2) 3/8"	90°
KN28520	(2) 1/2"	(2) 1/2"	90°
KN28531	1/2" & 3/8"	(2) 3/8"	0°

\* Available Remanufactured or CoreFree Only.

### RG5 - TWO PORT TRAILER VALVE

- Used on 2 tank, 3 valve trailer systems and tractor applications
- Made of durable EGC (Engineering Grade Composite)
- Crack Pressure 6.0 PSI



Service Part No.	Supply A	Supply B	Delivery	Control
KN28550	1/2" x 3/8" Nipple	Plugged	(2) 3/8"	1/4"
KN28551	Plugged	3/8"	(2) 3/8"	1/4"

### TWO PORT FAST AIR AND BALANCING (FAB)

- Speedup or fast air relay
- Used on converter dollies, long wheel base and towing trailers to accelerate Control signal and meet FMVSS121 Pressure differential requirements
- Cover may be rotated without affecting performance or warranty



Service Part No.	Supply	Delivery	Control	Crack Pressure
KN28300	(2) 1/2"	(2) 1/2"	3/8"	0 PSI

### TWO AND FOUR PORT SINGLE CONTROL LINE

- Used to apply and release service brakes on tractor or trailer
- Crack Pressure 4.6 PSI



KN28131

Service Part No.	Supply	Delivery	Control	Ports
KN28042	(2) 1/2"	(4) 1/2"	1/4"	4
KN28131	(2) 1/2"	(2) 1/2"	1/4"	2
KN28140	(2) 1/2"	(2) 1/2"	1/4"	2

### TWO AND FOUR PORT WITH ANTI-COMPOUNDING

- Built-in anti-compounding two-way check valve for spring brake Control
- Crack Pressure 4.6 PSI



KN28041

Service Part No.	Supply	Delivery	Control	Ports
KN28041	(2) 1/2"	(4) 1/2"	(2) 1/4"	4
KN28043	(2) 1/2"	(2) 1/2"	3/8" & 1/4"	2
KN28071	(2) 1/2"	(2) 1/2"	1/4" & 1/8"	2

### TWO PORT WITH INTEGRAL BRACKET

- Used to apply and release service brakes on tractor or trailer



KN28060

Service Part No.	Supply	Delivery	Control	Crack Pressure
KN28060	(2) 1/2"	(2) 3/8"	3/8"	4.6 PSI
KN28061	(2) 1/2"	(2) 1/2"	3/8"	4.6 PSI
KN28132	(2) 1/2"	(2) 1/2"	3/8"	7.0 PSI

### FOUR PORT WITH INTEGRAL BRACKET

- Used to apply and release service brakes on tractor or trailer



Service Part No.	Supply	Delivery	Control	Crack Pressure
KN28080	(2) 1/2"	(4) 3/8"	3/8"	7.0 PSI
KN28085	(2) 1/2"	(4) 3/8"	3/8"	4.6 PSI

## Relay Valves (cont'd)

### RELAY VALVE - FOUR (VERTICAL) PORTS - SINGLE CONTROL

- For tractor or trailer application
- Four Delivery ports facing down
- Low differential - high capacity
- Available in Remanufactured
- 3.0 PSI Crack Pressure



Service Part No.	Supply A	Supply B	Delivery	Control
A103600	3/4"	Plugged	(4) 3/8"	1/4"
A86472*	3/4"	Not Drilled-No Threads	(4) 1/2"	1/4"
A86473	1/2"	Not Drilled-No Threads	(4) 1/2"	1/4"
A86477	3/4"	Plugged	(4) 1/2"	1/4"

\* Available New Only.

## Isolation Valve

- Used in conjunction with a turbo-charged air compressor
- Added fuel economy and greater engine efficiency

Service Part No.  
KN23500



## Trailer Valves

### FF2 - FULL FUNCTION VALVE

- Single valve trailer system combines a Pressure protection valve, two one-way check valves, spring brake valve with quick release and a four port relay valve
- Easy to install, maintain and troubleshoot
- Meets FMVSS-121 anti-compounding requirements
- Available in Remanufactured and CoreFree



Service Part No.	Crack Press.	Res.	Control	Supply	Spring Brake	Delivery
KN28600	3.0	3/4"	1/4"	3/8"	(2) 3/8"	(4) 3/8"
KN28601	3.0	1/2"	1/4"	3/8"	(2) 3/8"	(4) 3/8"
KN28602*	5.0	3/4"	1/4"	3/8"	(2) 3/8"	(4) 3/8"
KN28603*	5.0	1/2"	1/4"	3/8"	(2) 3/8"	(4) 3/8"

### TRAILER BRAKE CONTROL VALVE

- Made of Engineering Grade Composite (EGC)
- Light weight; withstands high impact
- Integral anti-compounding
- Black Cover - Service Brake
- White Cover - Spring Brake



Service Part No.	Res.	Supply	Control	Delivery	Priority
KN26110	1/2"	3/8"	3/8"	(4) 3/8"	Service Brake
KN26120	1/2"	3/8"	3/8"	(4) 3/8"	Spring Brake
KN26121	1/2"	3/8"	3/8"	(4) 3/8"	Service Brake

### EMERGENCY RELAY VALVES

- Pre-121 trailers, converter dollies or exempt trailers
- Crack Pressure: New - 3.0 PSI  
Reman/CoreFree - 4.5 PSI
- KN30100 - auto. bleed down feature
- KN30200 - non-charging
- KN30300 and KN30400 - charging



Service Part No.	Svc. Inlet	Emerg. Inlet	Delivery	Aux. Reservoir	Reservoir
KN30100	1/4"	1/4"	(4) 1/4"	Plugged	3/4"
KN30200	3/8"	3/8"	(4) 3/8"	1/2"	Plugged
KN30300	1/4"	1/4"	(4) 1/4"	Plugged	3/4" w/Nipple
KN30400	1/4"	1/4"	(4) 3/8"	Plugged	3/4" Female w/Nipple

### RT-4 MULTI-FUNCTION TRAILER VALVES

- Used on trailers to Control both parking and emergency brake functions
- KN26000X - Closing PPV 55 PSI
- KN26010/KN26020 - Closing PPV 70 PSI
- Meets FMVSS-121 trailer requirements



Service Part No.	Trailer Supply	Trailer Control	Reservoir	Delivery
KN26000X*	(2) 3/8"	1/4"	3/8"	(4) 3/8"
KN26010	3/8" & Plugged	3/8"	1/2" & 3/8"	(4) 3/8"
KN26020	(2) 3/8"	3/8"	1/2" & 3/8"	(4) 3/8"

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