

B-SERIES PARTS COUNTERMAN'S CATALOG

Section 8 Pneumatics



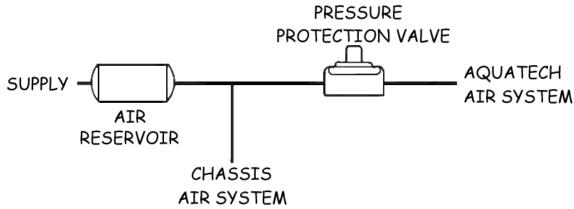


A111235

Pressure Protection Valve

This valve is installed to protect the primary (chassis) system air pressure by automatically closing when the supply pressure drops below 70 psi.





SPECIFICATIONS .1/4-18 NPTF PORT SIZE .1/4-18 NPTF MAXIMUM OPERATING PRESSURE .150 PSI (1034 kPa) OPERATING TEMPERATURE .-40°F to 180°F (-40°C to 82°C) MOUNTING By Inlet and Outlet Ports MOUNTING ATTITUDE .0ptional MATERIALS: Body Die Cast Zinc Alloy Cover ...Zinc-Plated Steel Diaphragm ...Fabric-Reinforced Buna N WEIGHT ...9.5 oz. (0,3 kg)





A111135 PNEUMATIC FILTER REGULATOR

NOTE: We ceased using these when we went to the SMC Pneumatic Control panels circa 2007. These were set to 100psi.

PARTS

A380653-2 *	WIKA AIR GAUGE, 200 PSI, 1/4"NPT
A111135-02	TWIST DRAIN KIT
A111135-03	REPLACEMENT METAL BOWL GUARD
A111135-04	POLYCARBONATE BOWL WITH O-RING
A111135-05	FILTER ELEMENT, 40 MICRON
A111135-06	MOUNTING BRACKET
A111135-07	REPLACEMENT PLASTIC KNOB

^{*} Replaces A111135-01 Ross Air Gauge (pictured)



117 Industry Road • Marietta, Ohio 45750 • Tel. 740-374-2306 • Cust. Svc. Fax 740-374-3299



PLASTIC TUBING



PART NO.	O.D.	DESCRIPTION	COLOR	MATERIAL	MAX PSI	WALL
A176010	1/4"	Air Line	Black	Polyethylene	350	0.0620
A176030	5/16"	Air Line	Black	Polyethylene	150	0.0620
A176020	5/16"	Air Line	Natural	Polyethylene	150	0.0620
10-0063	1/4"	Air Line	Black	Nylon	300	0.0350
10-0064	1/4"	D.O.T. Air Brake Tubing	Black	Nylon	150	0.0400
A176051	3/8"	D.O.T. Air Brake Tubing	Black	Nylon	150	0.0620
A176052	1/2"	D.O.T. Air Brake Tubing	Black	Nylon	150	0.0620
A176050	5/8"	D.O.T. Air Brake Tubing	Black	Nylon	150	0.0920
A383232	5/8"	D.O.T. Air Brake Tubing	Green	Nylon	150	0.0920
A176056	3/4"	D.O.T. Air Brake Tubing	Black	Nylon	150	0.0920
A176010-1	1/4"	High Temp Air Line Tubing	White	Teflon	300	0.0625
A176020-1	5/16"	High Temp Air Line Tubing	White	Teflon	250	0.0625



PUSH CONNECT FITTINGS FOR TUBING

PART NO.	DESCRIPTION	STYLE
A381566	1/4" BULKHEAD TUBE UNION	1
A381981	5/16" BULKHEAD TUBE UNION	1
A135412	90° ELBOW, 1/4"TUBE X 1/4"FNPT	2
02-0387	90° ELBOW, 1/4"TUBE X 1/4"MNPT O-RING	3
U4004-0011	90° ELBOW, 1/4"TUBE X 1/4"MNPT (BRASS)	4
A135405	90° ELBOW, 1/4"TUBE X 1/8"UNIV.*	4A
A135406	90° ELBOW, 1/4"TUBE X 1/4"UNIV.*	4A
02-0014	90° ELBOW, 1/4"TUBE X 3/8"MNPT	4
A135407	90° ELBOW, 5/16"TUBE X 1/4"NPT	4
A135408	90° ELBOW, 5/16"TUBE X 3/8"MNPT	4
A135409	90° ELBOW, 3/8"TUBE X 1/4"MNPT	4
A135411	STRAIGHT, 1/4"TUBE X 1/4"MNPT	5
02-0110	STRAIGHT, 1/4"TUBE X 1/8"MNPT	5
1168X5X6	STRAIGHT, 5/16"TUBE X 3/8"NPT	5
A135413	UNION, 1/4" TUBE	6
A135414	UNION, 5/16" TUBE	6
A383946	BRANCH TEE, 1/4"TUBE X 1/4"MNPT	7
A384992	BRANCH TEE, 3/8"TUBE X 1/8"FNPT	8
A135416	Y-CONNECTOR, 5/16" TUBE	9

^{*} Universal - will work with NPT, BSPT or BSPP ports.



NOTE: Appearance and material may vary depending on the supplier used.



Bulletin No. AQPB-125

Issued: 10/27/06 by RR

Subject: Pneumatic Dash Selector Valve

File In Pneumatic Section



Aquatech, Inc. used to use manual air switches to control the split shaft PTOs used on most of their truck mounted sewer machines. They started to phase them out in the mid 1990s in favor of solenoid operated pneumatic valves. By the time Hi-Vac bought the company in 1999 they were no longer used in production. Part number A110320 was a three lever air switch and part number A110321 was a two lever air switch. We continued to supply these valves for service replacement until the manufacturer in Italy went out of business. We searched unsuccessfully for several months trying to find similar valves on the market. In the end we had to assemble our own replacement air switch assemblies. Part number A381763 replaces the A110320 three lever air switch and part number A381762 replaces the A110321 two lever air switch.





ORIGINAL ONE PIECE AIR SWITCH

PART NO. A110320

Old 3 Lever

PART NO. A110321

Old 2 Lever

REPLACEMENT COMPOSITE AIR SWITCH

PART NO. A381763

New 3 Lever (pictured)

PART NO. A381762

New 2 Lever

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Bulletin No. AQPB-133

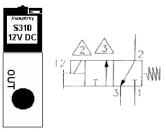
Issued: 11/30/07 by RR - Revised 04/12/18 Subject: Humphrey Pneumatic Valves File In Pneumatic Section

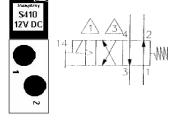
HUMPHREY PNEUMATIC VALVES

In the mid 90s, Aquatech, Inc. used Parker and Humphrey solenoid operated pneumatic valves to control the OMSI split shaft PTOs and other pneumatically operated devices. By the time Hi-Vac bought Aquatech in 1999, the Humphrey and Parker valves had been phased out and the Ross valves were being used. Like most pneumatic spool valves the Humphrey valve is stackable and many configurations can be created for a single installation. This bulletin is being issued to help identify the various Humphrey valve configurations that we have encountered thus far.



SINGLE REPLACEMENT SOLENOID VALVES

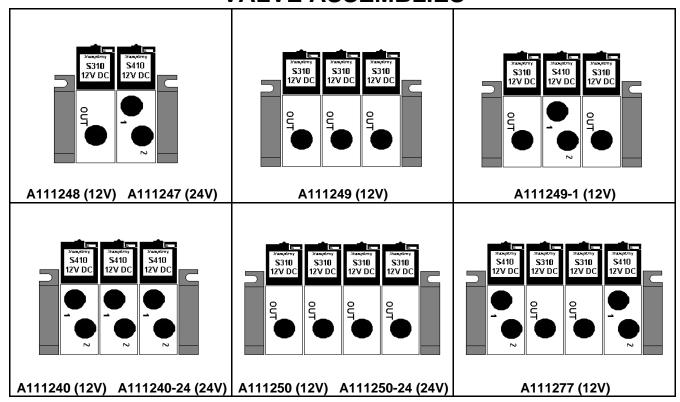




A111273 (12V)

A111272 (12V)

VALVE ASSEMBLIES





A111140

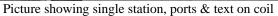
AAB503-12V-CE

Parker Pneumatic Control Valve



PICTURE	DESCRIPTION	HI-VAC P/N
	Single Station	A111140-1
2	Coil Only w/18" Leads	A111140-SOL
196	•	r/b A111140-2
0		
Pic N/A	Valve Body To Manifold Kit (12 O'Rings)	A111140-3
233	Bar Manifold	ТВА
Pic N/A	Valve Body Service Kit	TBA
Pic N/A	Solenoid Nut (10 pack)	A111140-4



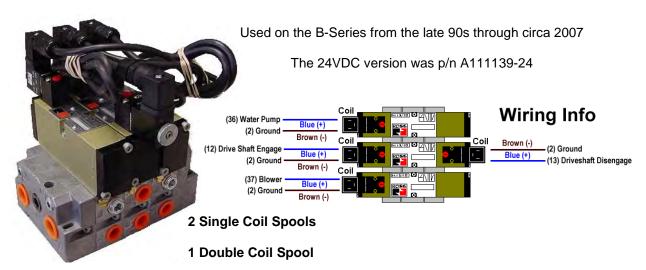




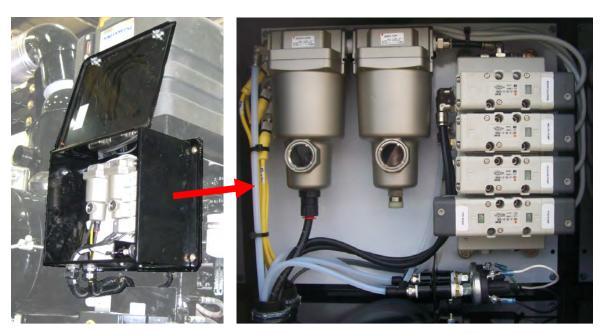
Older Version of A111140?



A111139 (OBSOLETE) 12VDC 3-SPOOL ROSS VALVE



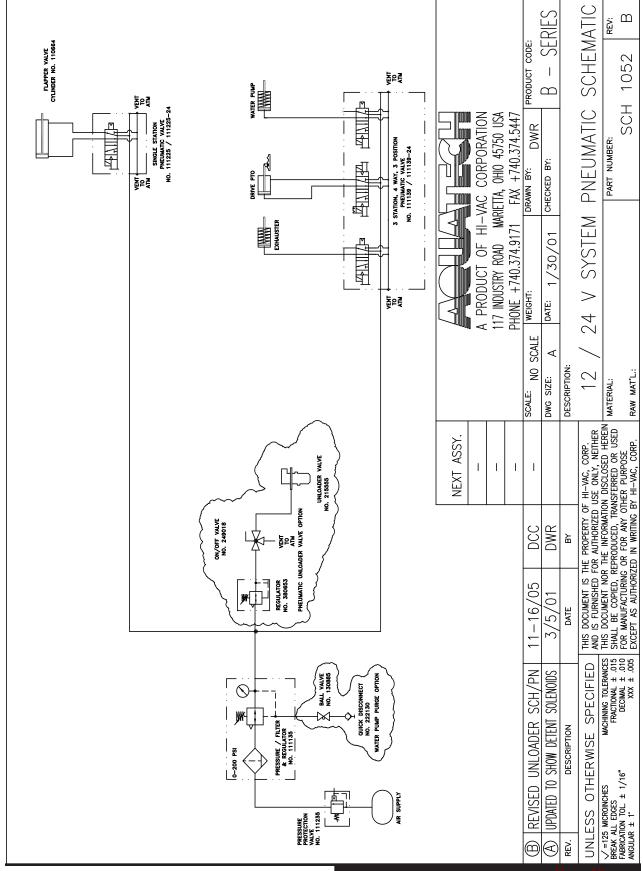
The above valve was discontinued by the manufacturer and does not have a direct substitute SMC Pneumatic Control Center p/n A255061-4B-12V (or A255061-4B-24V for 24VDC) can be used to replace it. The SMC valve is a four spool because it also incorporates the boom flapper valve (see parts bulletin AQPB-120). The housing and filters are required to protect the SMC valve from contaminants and harsh weather.



NOTE: Depending on where the box is mounted, extra wire and tubing may be required to reach the associated devices. Also please note that the position of the double coil spool is at the bottom of the SMC valve array.

A Product of Hi-Vac Corporation

PNEUMATIC SYSTEM





A111139-5 (OBSOLETE)

5-SPOOL ROSS VALVE FOR MODEL B-6EW (PUERTO RICAN UNITS)





Used on S/N's 24101068 through 24101085

4 Single Coil Spools

1 Double Coil Spool



The above valve was discontinued by the manufacturer and does not have a direct substitute available. Part number A255061-5B-12V SMC Pneumatic Control Center can be used to replace the above valve. The housing and filters are required to protect the SMC valve from contaminants and harsh weather.





NOTE: Depending on where the box is mounted, extra wire and tubing may be required to reach the associated devices. Also please note that the position of the double coil valve is in the center of the SMC valve array. No instructions are available but the conversion is fairly straight forward.

(DISCONTINUED) ROSS PNEUMATIC VALVES



Valve configurations are as viewed from above

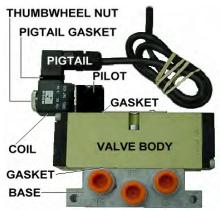
/alve configurations are as v	iewed jioin above				
Assemblies		Valve	Body Parts		
2V - A111139 (NLA)	Individual Val	ve Bodies (less Pigta	il & Base)	Valve Body	Base
24V - A111139-24 (NLA)	Ref. Tag Number	12V	24V	Repair Kit *	Dase
Estate O All	TAG# W6376B1401 Single Coil Valve Body	A111139-3 (NLA)	NLA	A111225-1	NLA
	TAG# W6376B1407 Dual Coil Valve Body	A111139-5 (NLA)	A111139-24-2 (NLA)	A111139-5-GK (NLA)	NLA
	TAG# W6376B1401 Single Coil Valve Body	A111139-3 (NLA)	NLA	A111225-1	NLA
2V - A111146 (12V) (NLA)					
	TAG# W6376B1401 Single Coil Valve Body	A111139-3 (NLA)	NLA	A111225-1	NLA
	TAG# W6377B1407 Dual Coil Valve Body	A111139-5 (NLA)	A111139-24-2 (NLA)	A111139-5-GK (NLA)	NLA
2V - A111225 (NLA)					
4V - A111225-24 (NLA)					
	TAG# W6376B1401 Single Coil Valve Body	A111139-3 (NLA)	NLA	A111225-1	NLA
2V - A111430 (NLA)	J				
	TAG# W6376B1407 Dual Coil Valve Body	A111139-5 (NLA)	A111139-24-2 (NLA)	A111139-5-GK (NLA)	NLA
	TAG# W6376B1407 Dual Coil Valve Body	A111139-5 (NLA)	A111139-24-2 (NLA)	A111139-5-GK (NLA)	NLA
2V - A381209 (NLA)	Dual Coll Valve Dody		(NLA)	(IVLFI)	
4V - A381209-24 (NLA)					
	TAG# W6376B1407 Dual Coil Valve Body	A111139-5 (NLA)	A111139-24-2 (NLA)	A111139-5-GK (NLA)	NLA
	TAG# W6376B1407 Dual Coil Valve Body	A111139-5 (NLA)	A111139-24-2 (NLA)	A111139-5-GK (NLA)	NLA
	TAG# W6376B1407 Dual Coil Valve Body	A111139-5 (NLA)	A111139-24-2 (NLA)	A111139-5-GK (NLA)	NLA
2V - A381629 (NLA)	,		, ,	, ,	
	TAG# W6376B1401 Single Coil Valve Body	A111139-3 (NLA)	NLA	A111225-1	NLA
	TAG# W6376B1407 Dual Coil Valve Body	A111139-5 (NLA)	A111139-24-2 (NLA)	A111139-5-GK (NLA)	NLA
	TAG# W6376B1407 Dual Coil Valve Body	A111139-5 (NLA)	A111139-24-2 (NLA)	A111139-5-GK (NLA)	NLA
	TAG# W6376B1407 Dual Coil Valve Body	A111139-5 (NLA)	A111139-24-2 (NLA)	A111139-5-GK (NLA)	NLA
	TAG# W6376B1401 Single Coil Valve Body	A111139-3 (NLA)	NLA	A111225-1	NLA

	*	Includes spool,	spacers.	and all	required	gaskets &	seals.
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COMMON COMPONENTS
12V coil & pilot: A111225-1-2 (NLA)
24V coil & pilot: A111139-24-3 (NLA)
12V coil only: A111139-1 (NLA)
24V coil only: A111139-24-1 (NLA)
Gasket, Valve Body to Base: A111139-G (NLA)
Pigtail: A111139-PT (NLA)
Square Rubber Pigtail Gasket: A111139-PTG (NLA)
Gasket underneath pilot: A111225-1-1 (NLA)
Thumbwheel nut for coil: A111139-2

WIRING INFO

Blue Wire: Hot Brown Wire: Ground Green/Yellow Wire: Not used

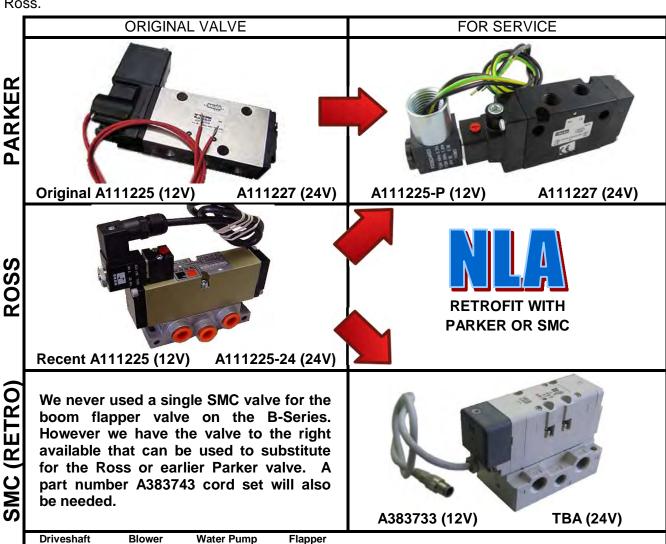


Bulletin No. AQPB-120

Issued: 04/24/06 by RR - Revised 02/09/18 Subject: Boom Flapper Control Solenoid File In Pneumatics Section

BOOM FLAPPER PNEUMATIC CONTROL VALVE

In the past Aquatech has used different pneumatic solenoid valves to control the boom flapper valve cylinder. Below are pictures and part numbers that have been used. NOTE: The old Aquatech company made a running supplier change on part number A111225 in the late 90s from Parker to Ross.

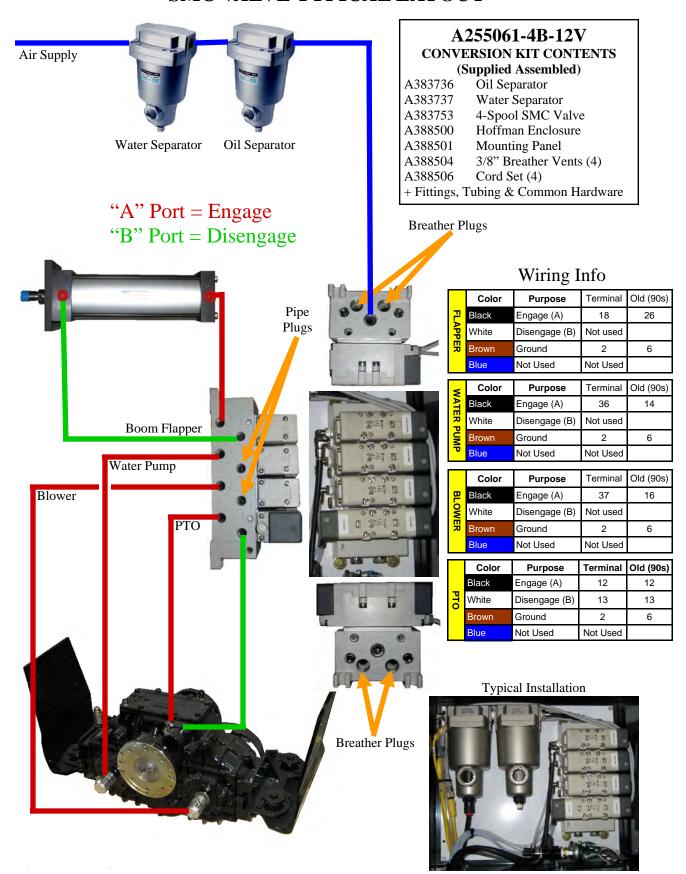


SMC (CURRENT)

Starting in 2008 we combined the boom flapper valve control and the 3 spools that control the PTO into one valve assembly. To convert an older B-Series to the current SMC pneumatic station (including panel enclosure, oil separator and water separator) order...

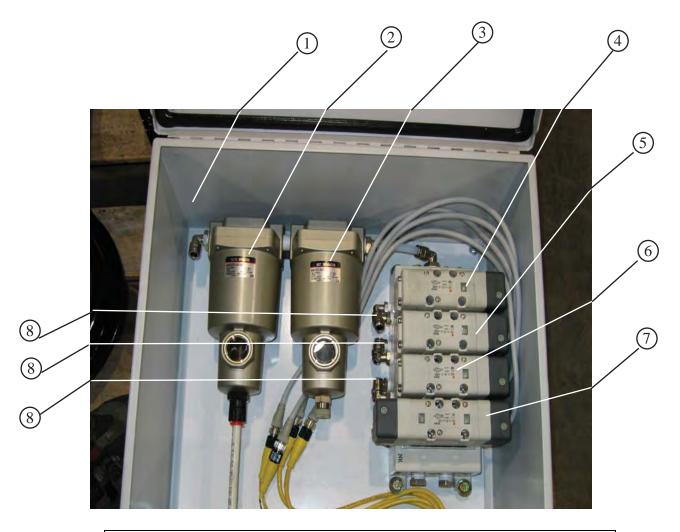
A255061-4B-12V (for 12V) A255061-4B-24V (for 24V)

SMC VALVE TYPICAL LAYOUT



PNEUMATIC SYSTEM

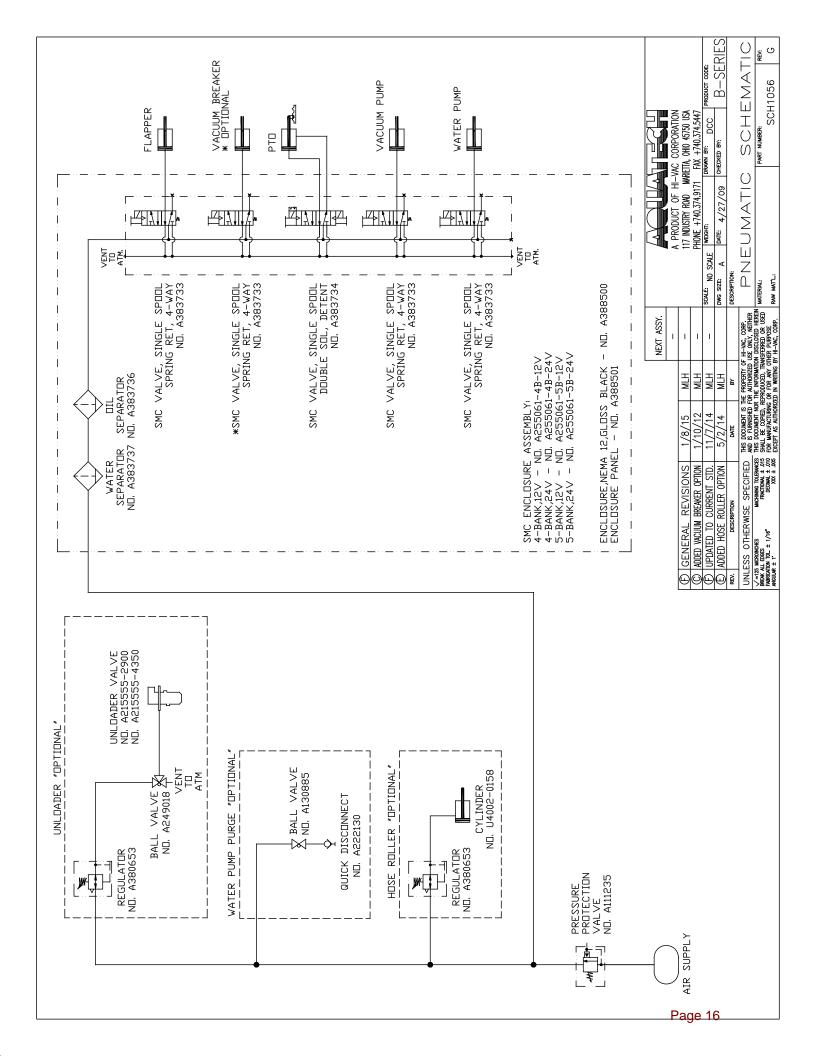




*GREEN LIGHT - POWER ON

* RED LIGHT - ENGAGED

ITEM	PART#	DESCRIPTION	QTY
1	A100021	PNEUMATIC INSTAL, SMC VALVES	1
2	A383737	SMC WATER SEPARATOR	1
3	A383736	SMC OIL SEPARATOR	1
4	A383733	FLAPPER	1
5	A383733	WATER	1
6	A383733	BLOWER	1
7	A383734	PTO	1
8	A135406	OUT	6

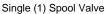
















4 Spool Valve

SMC VALVE ASSEMBLIES

TAG NUMBER(S)	VALVE P/N	LAYOUT	VALVE BODIES USED	WHERE USED	IN ENCLOSURE ASSY
1# VQ7-6-FG-S-4ZRSC	A383733	1 Spool	(1) 12V Single Coil	Units with Diamond Logic	A383756, A383756-624
1# VQ7-6-FG-S-3NSC	A383733-24	1 Spool	(1) 24V Single Coil	24V version of the above (export)	
1# VQ7-6-FG-D-4ZRSC	A383734	1 Spool	(1) 12V Dual Coil	SJ-1500	
1# VQ7-6-FG-D-3NSC	A383734-24	1 Spool	(1) 24V Dual Coil	24V version of the above (export)	
2# VQ7-6-FG-S-4ZRSC	A381562-SMC	2 Spool	(2) 12V Single Coil	Lift Vac Replacement	
2# VQ7-6-FG-D-4ZSC	A383781	2 Spool	(2) 12V Dual Coil	Dryvac	
1# VQ7-6-FG-S-4ZRSC 1# VQ7-6-FG-D-4ZRSC	A383759	2 Spool	(1) 12V Single Coil (1) 12V Dual Coil	SJ Truck	A383758, A383758-2
1# VQ7-6-FG-S-3NSC 1# VQ7-6-FG-D-3NSC	A383759-24	2 Spool	(1) 24V Single Coil (1) 24V Dual Coil	SJ Truck (export)	A383758-24
3# VQ7-6-FG-D-4ZSC	A383732	3 Spool	(3) 12V Dual Coil	X-Vac PTO	
2# VQ7-6-FG-S-4RSC 1# VQ7-6-FG-D-4ZSC	A383735	3 Spool	(2) 12V Single Coil (1) 12V Dual Coil	Appears on no BOM	
3# VQ7-6-FG-S-4RSC 1# VQ7-6-FG-D-4ZSC	A383753	4 Spool	(3) 12V Single Coil (1) 12V Dual Coil	B-Series PTO & Flapper	A255061-4B-12V
3# VQ7-6-FG-S-3NSC 1# VQ7-6-FG-D-3NSC	TBA	4 Spool	(3) 24V Single Coil (1) 24V Dual Coil	24V version of the above (export)	A255061-4B-24V
1# VQ7-6-FG-S-4ZRSC & 3# VQ7-6-FG-D-4ZSC	A383782	4 Spool	(1) 12V Single Coil (3) 12V Dual Coil	B-Series Tower PTO	A383783
4# VQ7-6-FG-S-4RSC 1# VQ7-6-FG-D-4ZSC	TBA	5 Spool	(4) 12V Single Coil (1) 12V Dual Coil	B-Series PTO, Flapper & Vac Brkr	A255061-5B-12V
4# VQ7-6-FG-S-3NSC 1# VQ7-6-FG-D-3NSC	TBA	5 Spool	(4) 24V Single Coil (1) 24V Dual Coil	24V version of the above (export)	A255061-5B-24V
1# VQ7-6-FG-S-4ZRSC & 4# VQ7-6-FG-D-4ZSC	A383817	5 Spool	(1) 12V Single Coil (4) 12V Dual Coil	Appears on no BOM	

SMC VALVE PARTS

DESCRIPTION	P/N
Pressure Switch, Preset 6psi	A388505
Mounting Panel	A388501
3/8"NPT Breather Vents	A388504
Exhaust Blocking Disc	A388503
2 Section Rod	TBA
3 Section Rod	TBA
4 Section Rod	A383753-ROD
5 Section Rod	TBA
Panel Enclosure	A388500
Fitting, 90°, 5/16" Tube x 1/4"NPT	A388508
Fitting, 90°, 5/16" Tube x 3/8"NPT	A388507
Cord Set, 4 Pin, 5M Long (16.4')	A383743
Single Station Manifold (Base)	TBA
2 Station Manifold	TBA
3 Station Manifold	TBA
4 Station Manifold	A388502
5 Station Manifold	A388518
Valve Body Only, 12V, Single Coil	A383733-VB
Valve Body Only, 12V, Dual Coil	A383734-VB
Valve Body Only, 24V, Single Coil	TBA
Valve Body Only, 24V, Dual Coil	TBA
Sub-Plate, Single Spool Valve	A388517

SMC Valves have proven themselves to be very reliable and long lasting, therefore, we rarely get requests for service replacement parts for them. Most of the parts to the right are not stocked for that reason.

SINGLE REPLACEMENT VALVES

Should you need a single valve body in a hurry, we suggest that you order the single spool valve assembly which typically is more readily available and remove and discard the manifold base if it doesn't match the existing base Price wise the whole valve assembly is only about \$10 to \$15 more.



Revised 3/28/2019





SMC PNEUMATIC FILTERS

A383737

Water Separator



A383736

Oil Separator



A383737-E

Water Separator Service Kit





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A111232 Air Piloted Pneumatic Valve



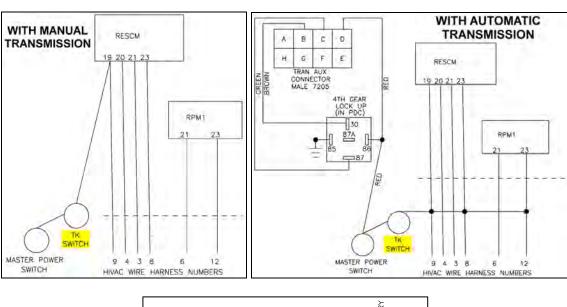




TK SWITCH



Used as an interlock for PTO engagement on some mid to late 2000s model International Truck chassis having a multiplex system with a RESCM card.



AQUATECH.



International Truck Diamond Logic System Components



Pneumatic Control Solenoids



Note push-connect release ring color

Black p/n 2506711C91 12V NC White p/n 2506712C91 12V NO

6-Gang Toggle Switch Array





FREIGHTLINER SMARTPLEX PNEUMATIC CONTROL COMPONENTS



Normally Closed (A terminal is always positive) Pneumatic Solenoid Valve 121001622 Rev A



Normally Open Pneumatic Solenoid Valve 121001623 Rev A



End Cover 121001624 Rev A



Straight Port Tube Connector 121001625 Rev A



90° Port Tube Connector 121001626 Rev A



Connector 121002002 Rev A



Pin lock 121002003 Rev A



Connector 121002004 Rev A



Cable Seal 121002005 Rev A



Terminal – Female 2 for each connector 121002006 Rev A



A249777 BOOM FLAPPER VALVE CYLINDER

Wiper Seal. Urethane wiper seal keeps contaminates from getting into cylinder by aggressively wiping foreign materials from the piston rod, enhancing the rod seal life.

Head/Cap.

Precision machined from alloy aluminum, then black anodized for corrosion resistance in Series VP, and electroless mickel plated for Series VN option.

Adjustable Captive Cushion Adjusting Screw.

One-piece stainless steel cushion screw with fine threads is held captive by a stainless steel press-in retaining washer. This allows for safe and precise adjustment of the dustrion without inadvertent removal.

Cylinder Body.

High-strength aluminum allow tubing is clear anodized on the O.D. and hard anodic coated on the I.D., resulting in a smooth. file hard (60RC), corrosion and score resistant surface finish for extended seal life in Series VP. Stainless steel tubing is used in Series VN option.

Tie Rods

High-strength steel in Series VP, and stainless steel for Series VN option, maintains uniform compression on body end seals

Wear Ring.

Reinforced Teflon® compounded with polyphenylene sulfide provides supreme wear and excellent bearing support.

Piston Rod.

Hard chrome plated high-tensile carbon steel, ground and polished. in Series VP, and stainless steel for Series VN option.

Rod Bearing.

Externally removable threaded steel bearing cartridge with black oxide finish in Series VP, or stainless steel for Series VN option, both with an oil-impregnated sintered iron rod bearing.

Nitrile lip-type seal is pressure energized and wear compensating for durability and long life.

O-Ring Body Seal: Nitrile material is standard, with Vitoria optional

Super Cushing Seals. Advanced design features a unique one-piece compound seal of nitrile* captured within a precision machined groove. Linear and radial "float" of the cushion seats eliminates misationment Super Cushions provide exceptionally fast "out of cushion" stroke reversal. (Head and Cap. Cushions are optional on 1-1/2 thru 8 inch bore cylinders.) "Nitrile seals on the 5/8" & 1" rod diameter. For rod sizes 1-3/8" and larger, urethane seals are standard.

Piston

Machined solid aluminum alloy. light-weight for low inertia, yet strong. (Threaded and installed with high strength threadlocker adhesive)

Piston Seals Long-wearing nitrile cup seals.



PISTON SEAL KIT A249777-SK

2 PC 4" BORE TUBE SEAL

2 PC 4" BORE BLOCK VEE PISTON SEAL 1 PC 4" BORE BLOCK VEE WEARSTRIP

ROD SEAL KIT...... A249777-ROD

1 PC BUNA O-RING. 1-3/4 X 1-7/8 X 1/16

1 PC 1-3/8" DIA. URETHANE WIPER

1 PC 1-3/8" ROD BLOCK VEE PISTON ROD SEAL

1 PC 1-3/8" ROD WIPER SEAL

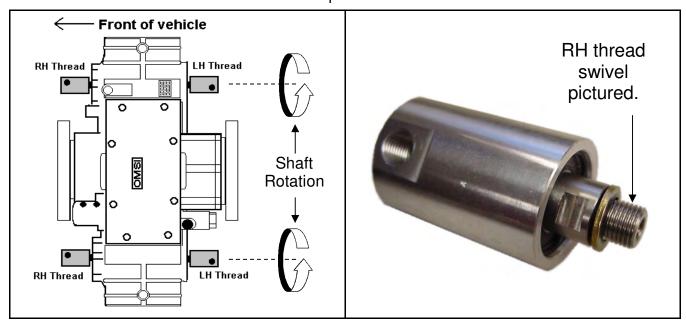


Bulletin No. AQPB-118

Issued: 04/17/06 by RR (Revised 02/20/19) Subject: PTO Pnuematic Swivel File In Pneumatic Section

HIGH SPEEL PTO AIR SWIVEL

This is an informational bulletin for the high speed pneumatic swivel used on our split shaft PTOs. This swivel comes in both right handed and left handed versions. By far, the majority of our units use the RH threaded swivel which threads into the front side of the PTO. The LH threaded swivel threads into back side of the PTO and is primarily used on cab over trucks with a "reverse PTO" configuration (found mostly on units shipped overseas). The diagragm below shows the thread orientation for each possible location on the PTO.



A164148-6 - High Speed Air Swivel w/RH-Male Thread (replaces A164550) A164148-7 - High Speed Air Swivel w/LH-Male Thread (replaces A164582 & A164604)



ASSOCIATED PARTS

High temp 1/4" O.D. Teflon tubing (sold per foot) 90° Pushlock Fitting: 1/4" Univ.* x 1/4" O.D. Tube

* Universal as of March 2019 - will work on NPT, BSPP, or BSPT fittings





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INLINE PNEUMATIC SOLENOID VALVE A120215 (12VDC) A120215-1 (24VDC)



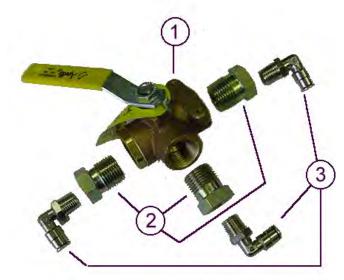


Primarily used with Muncie air shift PTOs. Used on some old SJR and B-Series machines.

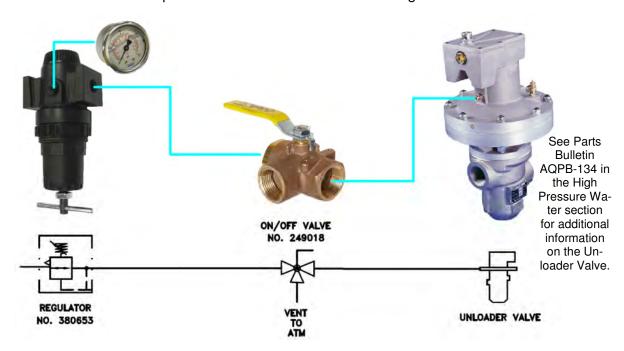


PNEUMATICALLY CONTROLLED UNLOADER VALVE





ITEM	PART NO.	DESCRIPTION
1.	A249018	Brass Ball Valve (current)
	A111123	Air Paddle Valve (older units) ———
2.	A135040	1/2" to 1/4" Reducing Bushing
3.	A135406	1/4" 90° Air Swivel Fitting
4.	A380653	Air Pressure Regulator w/Gauge (replaces A111122 & A111155)
5.	A380653-2	Air Pressure Gauge only, 0-200psi, 1/4"MNPT Back Mount
6.	A380653-1	Replacement Plastic Retainer Nut for Regulator





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REMOTE UNLOADER VALVE CONTROL STATION





FRONT OF PANEL

REAR OF PANEL



SHUTTLE VALVE

Air Pressure Regulator (with gauge) A380653

Replacement Retainer Ring for Air Pressure Regulator

A380653-1

Replacement Air Pressure Gauge for Air **Pressure Regulator**

A380653-2

3-Way Ball Valve, ½"NPT, Brass Body A249018

Water Pressure Gauge , 0-5K, Flange Mtd. A131788

Shuttle Valve, ¼"NPT Ports A338250

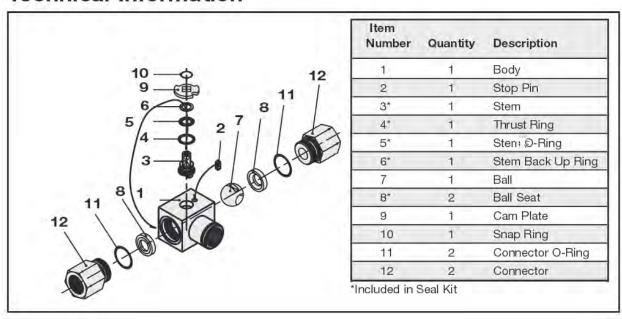
PNEUMATICALLY ACTUATED BALL VALVES

SIZE	ASSEMBLY	ACTUATOR ONLY	BALL VALVE ONLY	BALL VALVE SEAL KIT
3/4"	A381944	TBA	A381944-BV	A381944-SK
1"	A382555	TBA	A382555-BV	ТВА





Technical Information



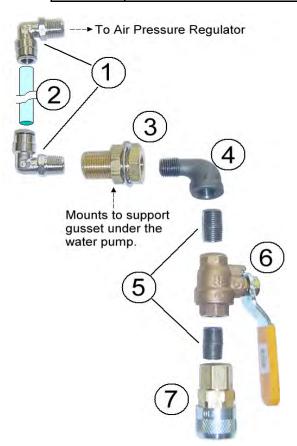


A239902 WATER PUMP AIR PURGE INSTALLATION BOM

Item	Part No.	Description	Qty	U/M	SC
1	A135407	ADAPTER,ELBOW,90D,1/4"MNPT X 5/16"	2	EA	Р
2	A176020-1	5/16" TEFLON AIR TUBING	5	FT	Р
3	A135323	ADAPTER,COUPLING,ANCHOR,1/4"NPT	1	EA	Р
4	02-0073	ELBOW,PIPE,STREET,1/4"NPT,150#	1	EA	Р
5	A132010	NIPPLE,SCH80,1/4" X CLOSE,BLACK	2	EA	Р
6	A130885	VALVE,BALL,1/4" BRASS	1	EA	Р
7	A222130	COUPLER,QUICK DISCONNECT,1/4" FEMALE	1	EA	Р
8	A239903	50FT HOSE COIL ASSY.	1	EA	М

A239903 50FT HOSE COIL ASSY. BOM

Part No.	Description	Qty	U/M	SC
A110370	HOSE COIL 50 FEET	1	EA	Р
A221360	CHUCK,AIR,1/4"	1	EA	Р
A222145	COUPLING,QUICK DISCONNECT,1/4" MALE	1	EΑ	Р





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HEVICE QUICK COUPLERS

MALE	FEMALE	DESCRIPTION	WHERE USED
A130811 1/4"FNPT 02-0016 1/4"MNPT	A130821 1/4"MNPT U3905-0034 1/8"FNPT	1/4" Industrial Quick Coupler (MIL-C-4109)	Air Coupler
A222145 A222140	A222130	1/4" ARO Style Quick Coupler	Air Coupler
60N6-6F	60C6-6F	3/8" Quick Coupler 4000 PSI	O'Brien Wash Down Gun
A130820	A130810	1/2" Quick Coupler 4000 PSI	Aquatech Wash Down Gun
05-0027 05-0025	05-0026	3/8" Quick Coupler 4500 PSI WOG (MIL-C-51234)	Hydraulic Coupler
A133376	A131744	1/2" Brass Coupler 2200 PSI 33 GPM flow rate	Various Hose Reels
A383063	A383062	1/2" Locking Coupler 10,000 psi Smooth bore "straight through" design for high flow fluid requirements	Hydroexcavating Wand