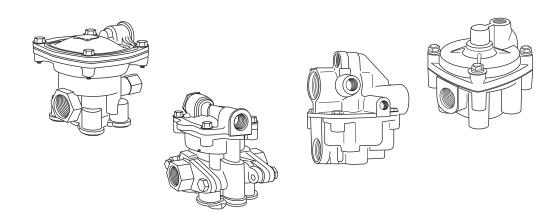
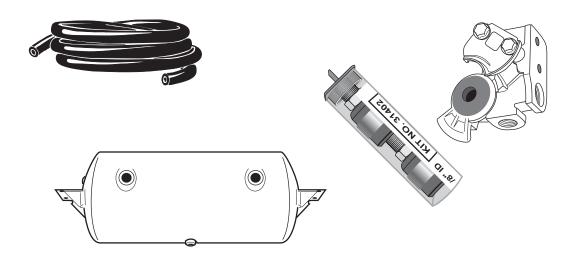


## SECTION 11 AIR SYSTEMS



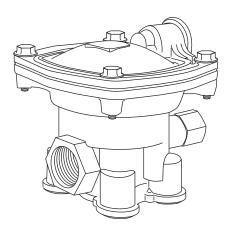
Air Valves	11-1
Sealco	11-1
Haldex	11-4
Bendix	11-5
Tramec	
Air Tanks	11-7
Stoughton	11-7
Brake Chambers	11-8
Gladhands	
Stoughton	11-9
Gladhand Components	
Stoughton	11-10
Air Hose and Hardware	11-11
Stoughton	11-11
Drain Valves	11-15
Stoughton	11-15





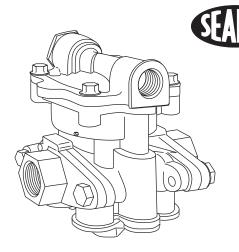


**Sealco** 



**RELAY VALVE** 

**Stoughton Number** SA110600



### **SPRING BRAKE VALVE**

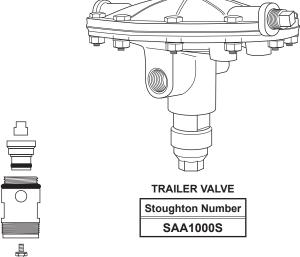
**Stoughton Number** SA110310 SA110170 SA110171 SA110191



PRESSURE PROTECTION VALVE

Stoughton Number

SA140270





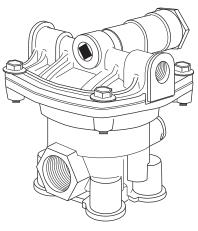
Stoughton Number

SA1000-5A



### Sealco

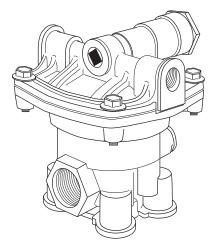




**RELAY EMERGENCY VALVE** 

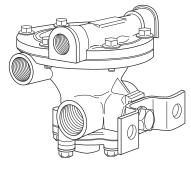
SA110200 SA110205

SA110470



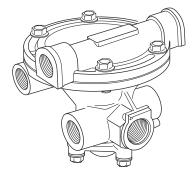
**DOLLY VALVE** 

Stoughton Number SA110338



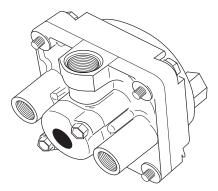
**RELAY VALVE** 

Stoughton Number SA110207



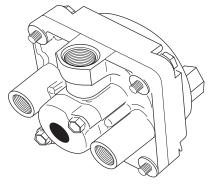
**RELAY VALVE** 

Stoughton Number SA110197



LOW OPENING VALVE

Stoughton Number SA110365



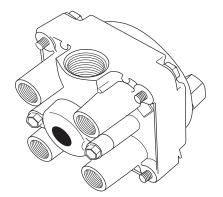
**RELAY VALVE** 

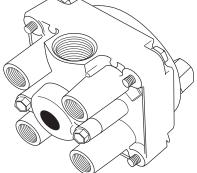
Stoughton Number
SA110410

For ABS parts, call with VIN (Serial Number) for correct application



Sealco

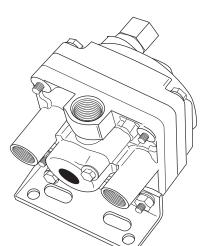






LOW OPENING VALVE

Stoughton Number

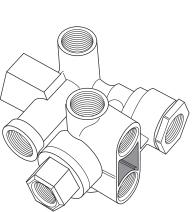


**RELAY VALVE** 

Stoughton Number
SA110415

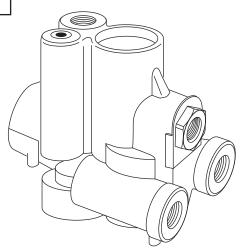


Stoughton Number





Stoughton Number SA110500



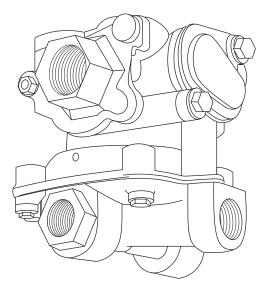
SENSING TRAILER EMERGENCY VALVE (STEV)

Stoughton Number
TA51321



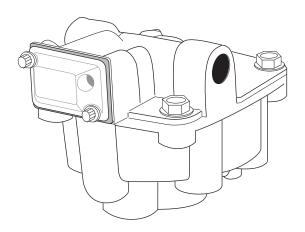
Haldex

# Haldex®



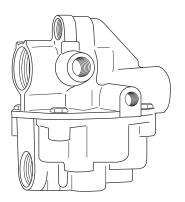
**MULTI-FUNCTION VALVE - RT4** 

MKN26010 MKN26020



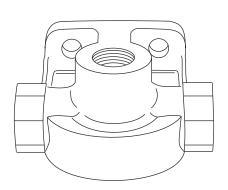
**RELAY EMERGENCY VALVE** 

MKN30200 MKN30300 MKN30400



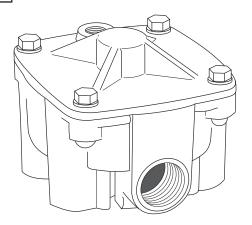
**FULL FUNCTION VALVE** 

MKN28600 MKN28601



QUICK RELEASE VALVE

Stoughton Number	Inlet
MKN32005	3/8"
MKN32011	1/2"



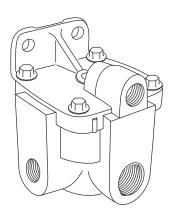
**RELAY VALVE - 4 PORT** 

Stoughton Number
MA103600



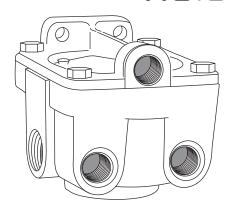
Haldex

# Haldex®



RELAY VALVE - 2 PORT

MKN28500 MKN28510 MKN28520

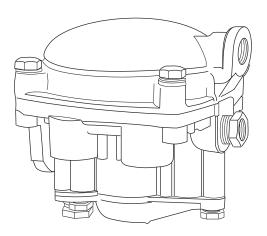


**RELAY VALVE - 2 PORT** 

Stoughton Number
MKN28060
MKN28071
MKN28131
MKN28132
MKN28140

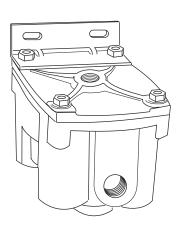
**Bendix** 





**RELAY EMERGENCY VALVE** 

Stoughton Number BX281711



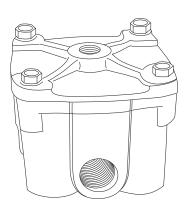
**BOOSTER VALVE** 

Stoughton Number
BX102165



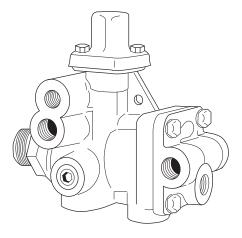
### **Bendix**





**RELAY VALVE - SERVICE** 

Stoughton Number BX065104



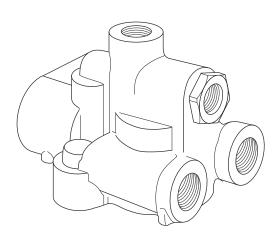
**SPRING BRAKE VALVE SR5** 

Stoughton Number
BXKO33223

**Tramec** 

# TRAMEC

Note: For ABS applications please call with last 8 letters/numbers of VIN.

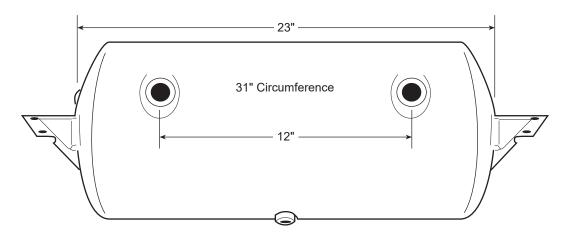


**SPRING BRAKE VALVE** 

Stoughton Number



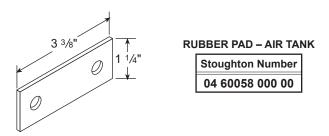
# AIR TANKS Stoughton



**AIR TANKS** 

		Port Sizes				Dimension	s
Stoughton Number	Remarks	Main Port	Drain Port	End Port	Tank Dia.	Bolt Centers	Tank Size
04 60355 000 00 04 60006 000 01 04 60007 000 00 04 60007 1214 00 04 60007 1214 20	Single Port Universal UPS #9542 Double Port Single Port Same as TM #9017-8-13	None 3/4" NPT 1/2" NPT 3/4" NPT 1/2" NPT	1/4" NPT 1/4" NPT 1/4" NPT 1/4" NPT 1/4" NPT	3/8" NPT 3/8" NPT 3/8" NPT 3/8" NPT 3/8" NPT	9 1/2" 9 1/2" 9 1/2" 9 1/2" 12"	27 ½" 27 ½" 27 ½" 27 ½" 29 ½"	1488 in <sup>3</sup> 1488 in <sup>3</sup> 1488 in <sup>3</sup> 2574 in <sup>3</sup> 2574 in <sup>3</sup>
04 60007 9513 04 60007 9526 04 60007 9531 04 60007 9534 04 60007 9577 00	Triple Port Double Port Double Port Double Port Double Port Same as TM #700-17-409	1/2" NPT 3/4" NPT 1/2" NPT 3/4" NPT 1/2" NPT	1/4" NPT 1/4" NPT 1/4" NPT 1/4" NPT 1/4" NPT	3/8" NPT 3/8" NPT 1/2" NPT 3/8" NPT 3/8" NPT	9 1/2" 9 1/2" 9 1/2" 9 1/2" 9 1/2"	27 ½" 27 ½" 27 ½" 27 ½" 27 ½" 27 ½"	1488 in <sup>3</sup> 1488 in <sup>3</sup> 1488 in <sup>3</sup> 1488 in <sup>3</sup> 1488 in <sup>3</sup>
*04 60476 000 00	Double Port	3/4" NPT	1/4" NPT	3/8" NPT	12"	29 1/2"	2574 in <sup>3</sup>

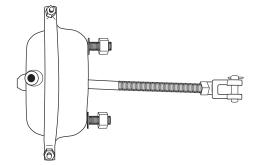
<sup>\* &</sup>quot;Jumbo" single tank system





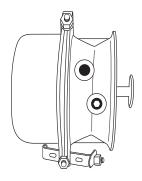
## **BRAKE CHAMBERS**





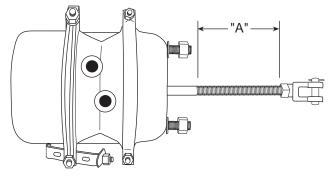


Stoughton Number	Type	
DIP10400	24	
DIP10500	30	
MSC20	20	
MSC24	24	
MSC30	30	



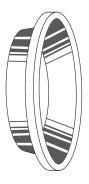
PIGGYBACK ASSEMBLY

Stoughton Number	Type
DIP18560 MGP3030 MGP3030KP40	30 – 30 30 – 30
MGP2424L MG3230008X MG3430008X	24 – 24



SPRING BRAKE CHAMBER ASSEMBLY

Stoughton Number	Туре	"A"
DIP12360	24 – 24	Long
DIP12560	30 – 30	Standard
DIP12581	30 – 30	Intraax
DIF12960	30 – 30	ELS
MGC3030CS	30 - 30	Full
MG3230051X	30 - 30	Long
MG3430051X	30 - 30	Standard
MG3430355	30 - 30	Intraax



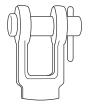
**DIAPHRAGMS** 

Stoughton Number	Туре
DIP92410	T24
DIP93010	T30
M18200	T20
M18240	T24
M18300	T30



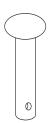
**CLAMP BAND KIT** 

Stoughton Number	Type
DIP92411 DIP93011	T24 T30
MRN21V	T24
MRN21X	T30



YOKE KIT

Stoughton Number
04 60357 DIP90013 MKN36470 TA53007

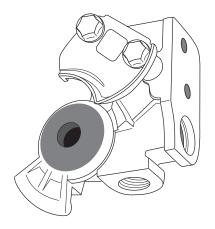


**CLEVIS PIN** 

Stoughton Number	Diameter
M19100	1/8"
M19102	5/8"

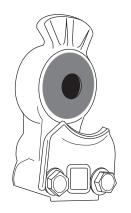


# **GLADHANDS**Stoughton



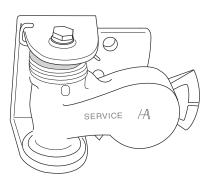
#### **BRACKET MOUNT GLADHANDS**

Stoughton Number	Description
M11440	Service, with Filter
M11441	Emergency, with Filter
TA36161	Service, 37°
TA36261	Emergency, 37°
TA36141	Service, 15°
TA36241	Emergency, 15°



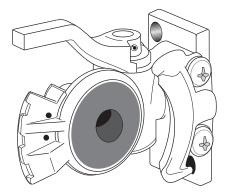
#### **CONVENTIONAL GLADHANDS**

Stoughton Number	Description
M11450 M11451 M11461 M11462 TA36101 TA36201 TA36301	Universal, Aluminum Emergency, Aluminum, No Filter Emergency, Aluminum, with Filter Service, Aluminum, with Filter Service Emergency Universal



#### **SWIVEL GLADHANDS**

Stoughton Number	Description
TA36131	Service
TA36231	Emergency



### **GLADHAND WITH VALVE**

Stoughton Number	Description
SN441004	Service
SN441014	Emergency



## **GLADHAND COMPONENTS**

## Stoughton



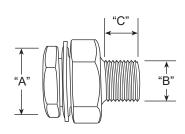
#### **GLADHAND SEAL**

Stoughton Number	Material	
04 0002B 000 00	Red w/ Integrated Filter	
04 0002R 000 00	Blue w/ Integrated Filter	
M10024	Rubber	
M10028	Rubber	
TA36001	Rubber	
TA36011	Blue Urethane	
TA36012	Red Urethane	



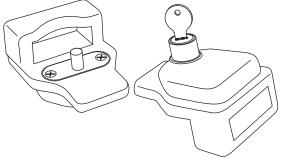
#### **GLADHAND FILTER**

Stoughton Number	
M10035	
TA36002	



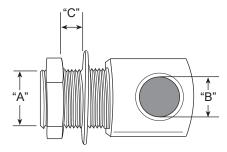
## CLAMPING STUDS FOR LOW PROFILE INSTALLATION OF GLADHANDS

Stoughton Number	"A" (NPT)	"B" (NPT)	"C"	O.A.L.
TA50012	1/2"	1/2"	1"-14	2.10"
TA50013	3/8"	1/2"	1"-14	1.85"



### **GLADHAND LOCK**

Stoughton Number
BRGHL-12000



#### 90° ANCHOR FITTING FOR FRONT GLADHAND HOSES

Stoughton Number	"A"	"B" (NPTF)	"C"	O.A.L.
TA50016	3/8" NPTF	3/8"	<sup>7</sup> /8"-20	2.20"
TA50017	3/8" NPTF	3/8"	<sup>7</sup> /8"-20	3.30"



# AIR HOSE AND HARDWARE Stoughton



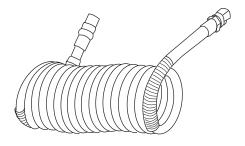
RUBBER BRAKE HOSE - 3/8"

Stoughton Number	Length
M11000	50'
M11001	250'



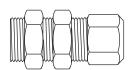
**PLASTIC AIR LINE** 

Stoughton Number	Color	Remarks
04 60010 000 00	Blue	1/2" O.D.
04 60011 000 00	Red	1/2" O.D.
04 60099 000 00	Black	3/8" O.D.
04 60238 000 00	Blue	3/8" O.D.
04 60239 000 00	Red	3/8" O.D.



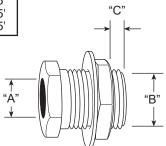
**COILED AIRLINE** 

Stoughton Number	Color	Size
M11950	Black	1/2" x 12'
M11951 M11953	Black Black	<sup>3</sup> / <sub>8</sub> " x 12' <sup>3</sup> / <sub>8</sub> " x 15'
M11960 M11961	Red Blue	1/2" x 12' 1/2" x 12'
PH11-312	R/B	1/2 X 12 1/2" X 12'
PH11-318 PH11-3380	Blue Red	1/2" x 15' 1/2" x 15'
PH11-3390	Blue	1/2" x 15'
PH11-3400 PH31-9623	R/B Yellow	1/2" x 15' 1/2" x 15'
TA55101	R/B	1/2" x 15'



FRAME ANCHOR

Stoughton	Number
04 60025	000 00



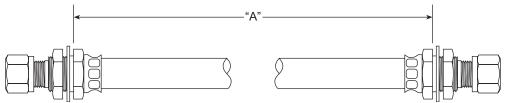
**ANCHOR FITTING** 

Stoughton Number	"A" (NPT)	"B" (NPT)	"C"	O.A.L.
TA50004 TA50005	1/8" 1/4"	1/8" 1/4"	5/8" 3/4"	1 ½" 1 ½"
TA50006	3/8"	3/8"	1"	1 <sup>5</sup> / <sub>16</sub> "
TA50007	1/2"	1/2"	<b>1</b> 1/8"	1 1/2"



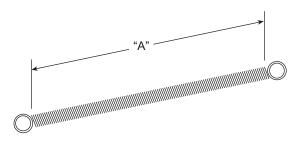
## **AIR HOSE AND HARDWARE**

## Stoughton



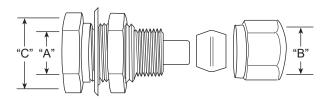
SLIDER HOSE ASSEMBLY 3%" I.D. Hose, 3%" O.D. Tube

Stoughton Number	"A"	Remarks
04 12827 078 00	78"	7/8" I.D. Hose
04 12827 114 00	114"	7/8" I.D. Hose
04 18503 114 00	114"	1/4" I.D. Hose



SLIDER HOSE SPRING

Stoughton Number	"A"
M11600	26"
M11602	13 <sup>1</sup> / <sub>2</sub> "
M11603	16 <sup>1</sup> /2"



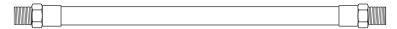
ANCHOR FITTING FOR TUBING AND SLIDER HOSES

Stoughton Number	"A" (NPT)	"B" (NPT)	"C"	O.A.L.
TA50008	3/8"	<sup>1</sup> / <sub>2</sub> " O.D. Tube	7/8"	1 <sup>3</sup> /8"
TA50009	3/8"	<sup>3</sup> / <sub>8</sub> " O.D. Tube	7/8"	1 <sup>3</sup> /8"



## **AIR HOSE AND HARDWARE**

**Stoughton** 



BRAKE HOSE ASSEMBLIES Single Swivel End – 3/8" I.D.

Stoughton Number	Length
M16618	18"
M16624	24"
M16628	28"
M16630	30"
M16632	32"
M16636	36"
M16640	40"
M16642	42"
M16648	48"



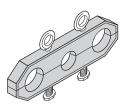
**BRAKE HOSE FITTING** 

Stoughton Number	Hose I.D.	"A"
TA31302	3/8"	3/8"
TA31305	1/2"	3/8"
TA31306	1/2"	1/2"



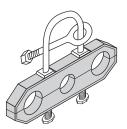
**BRAKE HOSE CLAMP** 

"A"
3/8" 1/5"



HOSE CLAMP For 3/8" I.D. Hoses

Stoughton Number	
M11543	



HOSE CLAMP For 3/8" I.D. Hoses

Stoughton Number
M11544



 $\begin{array}{c} \text{HOSE CLAMP} \\ \text{For $3/8$" and $1/2$" I.D. Hoses} \end{array}$ 

Stoughton Number
M11546



### **AIR HOSE AND HARDWARE**

### **Stoughton**

### Air Brake Hose End Kits and Assemblies



- Meets the requirements of DOT 106 and SAE J4102.
- Swivel Ends reduce residual torque in hose for longer life

   no need to disconnect both ends to service the brake system.
- Components in contact with the air are made of corrosion resistant brass and nylon to improve air system life.

#### AIR BRAKE HOSE END KIT

Stoughton Number	Description
TA31402 TA31403 TA31407	Two End Fittings 3/8" NPTF Two End Fittings 1/2" NPTF One End Fitting 3/8" NPTF & One 1/4" NPTF Adapter

## Hose End Kits for 3/8" I.D. Hose



Manufactured to DOT 106 specifications.

#### **HOSE END KITS**

Stoughton Number	Description
TA31408	One 3/8" NPTF End Fitting with 3 1/2" Spring Guard Length, with Plastic Barb One 1/2" NPTF End Fitting with 3 1/2"
TA31409B	One ½" NPTF End Fitting with 3 ½" Spring Guard Length, with Brass Barb



# DRAIN VALVES Stoughton



# REMOTE CONTROL DRAIN VALVE & CABLE ASSEMBLY

Stoughton Number	Remarks		
TA35002-048	Valve & 48" Cable		
TA35002-060	Valve & 60" Cable		



### REMOTE CONTROL DRAIN VALVE

Stoughton Number	Description		
TA35013	Valve, 64" of cable and unclinched clip		
TA35000	Valve only		
TA35001-052	52" of cable only		
TA35001-064	64" of cable only		



NOTES		
<del></del>	 	 