Bendix

Quick Reference Catalog

| Safety Solutions | Trailer Solutions | Air Brake & Powertrain Solutions |

Even the safest drivers are at risk of rear-end collisions, rollovers, and loss of control. Bendix helps reduce that risk with a comprehensive portfolio of integrated solutions for tractors and trailers. Protect your fleet with Bendix® Wingman® Fusion™, our most advanced safety system ever. Safeguard it with the unequaled stopping power of Bendix® ADB22X™ air disc brakes and sure control of full stability. These and other proven Bendix technologies are driving a new era of safety. *Are you ready for what's ahead?*

Prepare now. To learn how, visit saftertrucks.com/solutions, email safetysolutions@bendix.com, or call 1.800.AIR.BRAKE (1.800.247.2725) today.

Bendix safety technologies complement safe driving practices and are not intended to enable or encourage aggressive driving. No commercial vehicle safety technology replaces a skilled, alert driver exercising safe driving techniques and proactive, comprehensive driver training. Responsibility for the safe operation of the vehicle remains with the driver at all times.

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i = For additional information

Bendix® Compressor Sizes

BX-2150™ Compressor
9.5 CFM AT 1250 RPM
SD-01-331

Tu-Flo® 400 Compressor
7.25 CFM AT 1250 RPM
SD-01-326

Tu-Flo® 500 Compressor
12 CFM AT 1250 RPM
SD-01-326

Tu-Flo® 501 Compressor
12 CFM AT 1250 RPM
SD-01-337

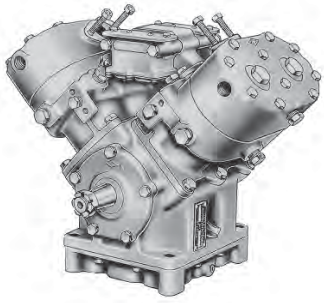
Tu-Flo® 550 Compressor
13.2 CFM AT 1250 RPM
SD-01-333

Tu-Flo® 600 Compressor
14.5 CFM AT 1250 RPM
SD-01-336

Tu-Flo® 700 Compressor
15.5 CFM AT 1250 RPM
SD-01-335

Tu-Flo® 750 Compressor
16.5 CFM AT 1250 RPM
SD-01-344

Tu-Flo® 1000 Compressor
24 CFM AT 1250 RPM
SD-01-326



DuraFlo 596™ Compressor
27 CFM AT 1250 RPM
SD-01-670

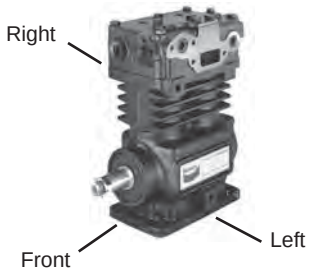
BA-921® Compressor
15.8 CFM AT 1250 RPM
SD-01-690

BA-922® Compressor
31.6 CFM AT 1250 RPM
SD-01-700

- Bendix air compressors are designed to meet a wide range of vehicle needs.
- Several sizes and various mounting configurations are available.
- Compressors are available remanufactured exchange.

V.M.R.S. 13-009-000

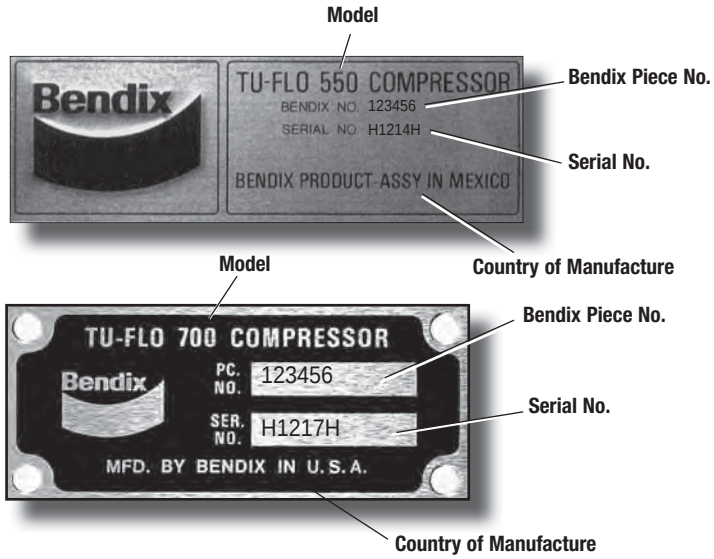
Unless indicated, inlet & discharge locations are as shown.



Compressor Nameplates

A nameplate is attached to the crankcase of all compressors. It displays the model, piece number (PC. NO.) and serial number (SER. NO.). When making reference to a particular compressor, use the piece number (PC. NO.) stamped on the nameplate.

The serial number is interpreted as follows: First is an alpha character (A through M, skipping the letter I) representing January through December. The next four characters are numbers representing the day of the month followed by the year (two digits for each). The sixth and last character represents the manufacturing plant. For example serial number H1217H indicates the product was manufactured on August 12, 2017 in the Huntington, Indiana facility.



Gaskets

Inlet Flange Gasket Pc. No. 243430N

For all Bendix® Tu-Flo® Compressors
except Tu-Flo® 300 Compressor

Service New Pc. No.	Compressor
5013553	Tu-Flo® 550 and Tu-Flo® 750
5016795	Tu-Flo® 501

Base Plate Gasket
For compressors with 1/2" bottom drain port

For additional application or changeover information contact your Bendix Account Representative or the Tech Team at **1-800-AIR-BRAKE (1-800-247-2725),** Select option 2 then option 1 to reach the Tech Team.

bendix.com
email techteam@bendix.com

Fax: 440-329-9556

Bendix® BA-921® Service & Remanufactured Compressors

w/core group and core class identification

CAT®
Core Group 1K

BA-921
Air Compressor
(Core Class 2K)
C15, C18
5012533X
(40 tooth drive gear - CAT P/N 20R0178)

BA-921
Air Compressor
(Core Class 2K)
C11 ACERT™, C13 ACERT
K056647X
(42 tooth drive gear - CAT P/N 20R0177)

CAT
3126, C7 ACERT™, C9 ACERT
Core Group 2K

Note: Flange gasket must be purchased from Caterpillar.

BA-921
Air Compressor
(Core Class 2K)
5010806X
Rear Flange Rotation - 0°

Navistar®
IBB Side Mount
Core Group 1X

BA-921
Air Compressor
(Core Class 1X)
K044642
K075155X

Used in conjunction with Bendix DRO valve P/N K036946

BA-921
Air Compressor
(Core Class)
K048595
K075155X

DDC®
Series 60
Core Group 1J

BA-921
Air Compressor
(Core Class 2J)
5016614X
5016799X (with gasket kit)
(4-bolt head and 63 tooth drive gear with a 21 tooth spline)
Governor pad included on cylinder head.

BA-921
Air Compressor
(Core Class 3J)
5018653X
(6-bolt head and 63 tooth drive gear with a 21 tooth spline)

Bendix® BA-921® Compressor Kits	Part No.
Unloader Kit	K109119
Cylinder Head Gasket Kit - 4 Bolt	5008558
Cylinder Head Gasket Kit - 6 Bolt	K023764
Compressor Seal Kit	5012369
Governor Adapter Kit	5008561
Cylinder Head Assembly Kit	K023600
Unloader Repair Kit	5012771

Bendix® BA-922® Remanufactured Compressors

w/core group and core class identification

BA-922
Air Compressor
(Core Class 1P)
C11 ACERT™, C13 ACERT
5013058X
(42 tooth drive gear)

BA-922
Air Compressor
(Core Class 1P)
C15 ACERT, C18 ACERT
5013059X
(40 tooth drive gear)

CAT®
Core Group 1P

BA-922®
Air Compressor
(Core Class 1L)
5013695X
(69 tooth drive gear with a 21 tooth spline)

DDC®
Series 60 non-EGR & Series 50
Core Group 1L

A changeover kit is required if replacing a Tu-Flo® 750 or DuraFlo 596™ compressor. See BW2524 for additional information.

BA-922
Air Compressor
(Core Class 1M)
5012895X
(63 tooth drive gear with a 21 tooth spline)

DDC
Series 60 EGR
Core Group 1M

BA-922
Air Compressor
(Core Class 1N)
5016389X
(drive gear not included)

John Deere®
Tier 3 PowerTech Plus™
Core Group 1N

Caution!
Bendix BA-922 air compressors cannot be turbocharged.

Bendix® BA-922® Remanufactured Compressors

w/core group and core class identification

BA-922
Air Compressor
(Core Class 1U)

K047783X
(*15 tooth spline*)

K047737X
(*15 tooth spline*)
Metric Ports

ASE B-B Universal Flange
Core Group 1U

BA-922
Air Compressor
(Core Class 1U)

K047781X
(*15 tooth spline - front*
9 tooth spline - rear)

K047780X
Metric Ports
(*15 tooth spline - front*
9 tooth spline - rear)

ASE B-B Universal Flange
Core Group 1U

Caution!
Bendix BA-922 air compressors cannot be turbocharged.

Bendix® BA-922® Compressor Kits	Part No.
Unloader Kit	5014473
Cylinder Head Gasket Kit	5014472
Compressor Seal Kit	5008559
Governor Adapter Kit	5008561
Changeover Kits: Detroit Diesel® Series 50 & Series 60 Non-EGR	
Series 50 CNG	5015871
Series 50 Diesel, Series 60 non-EGR (rear mount ECM)	5016263
Series 50 Diesel, Series 60 non-EGR (side mount ECM)	5016728

Bendix® Tu-Flo® 550 & Tu-Flo® 750 Remanufactured Compressors

w/core group and core class identification

CAT®
Core Group 1A

Tu-Flo 550
Air Compressor
(Core Class 1A)
3406, C10, C12, C15, C16
5002984X
(rear end cover studs)
3176, C15, C16
5005790X

107509X
3406B
(2½° tilt)

Tu-Flo 750
Air Compressor
(Core Class 2A)
3406, C10, C12, C15, C16
5002713X
(rear end cover studs)

3176, C15, C16
5002983X

107508X
3406B
(2½° tilt)

CAT
3116, 3126,
C7 ACERT™, C9 ACERT
Core Group 1A

* High torque thru drive.

Tu-Flo 550
Air Compressor
(Core Class 1A)
5011016X (keyed c'shaft)
5001940X (non keyed c'shaft)

***5008249X**

107981X
(left inlet)

Tu-Flo 750
Air Compressor
(Core Class 2A)
5004118X

Top inlet unless noted.
Removable rear flange cover.

CAT 3306
Core Group 1A

Tu-Flo 550
Air Compressor
(Core Class 1A)
109251X

Tu-Flo 750
Air Compressor
(Core Class 2A)
109287X

37 tooth gear

Cummins® ISB & C
Core Group 1E

Tu-Flo 550
Air Compressor
(Core Class 1E)
108804X
(top air inlet)

109653X
(left air inlet)

Tu-Flo 750
Air Compressor
(Core Class 2E)
109382X
(top air inlet)

Optional Tu-Flo® 550 & 750 compressors available with premium crankshafts for severe duty applications. See Bendix Bulletin TCH-001-054.

Cummins
ISM, N14, M11
Core Group 1B

Tu-Flo 550
Air Compressor
(Core Class 1B)
107506X

Tu-Flo 750
Air Compressor
(Core Class 2B)
107507X

Drive Gear -
Cummins P/N AR200398

DDC®
Core Group 1D

Bendix® BA-922® air compressor upgrade available.

Bendix® Tu-Flo® 550
Air Compressor
(Core Class 1D)
Series 60 non-EGR
5004188X (head as shown)
K053743X (head rotated 180°)
(69 tooth gear with a 21 tooth spline)

Bendix® Tu-Flo® 750
Air Compressor
(Core Class 2D)
Series 60 non-EGR & Series 50
5004187X (head as shown)
K053744X (head rotated 180°)
(69 tooth gear with a 21 tooth spline)

DDC
Core Group 1C

Bendix® BA-922® air compressor upgrade available.

Tu-Flo 550
Air Compressor
(Core Class 1C)
Series 60 non-EGR
107622X
(21 tooth spline)

Tu-Flo 750
Air Compressor
(Core Class 2C)
Series 60 non-EGR & Series 50
107623X
(21 tooth spline)

NPT Ports

International® V8
Pre-2004
Core Group 1I

Tu-Flo 550
Air Compressor
(Core Class 60)
T444E
107514X

Note: 300 pound maximum side load on belts.

International V8
2004 - 2006
Core Group 1I

Tu-Flo 550
Air Compressor
(Core Class 60)
VT365
5015314X
(M18 water port & M10 oil port)

Engines built before 6/05 may require kit pc. no. 5016415 for oil and water port adapters - see Bendix Bulletin TCH-001-055.

Note: 300 pound maximum side load on belts.

International V8
2007
Core Group 1I

Tu-Flo 550
Air Compressor
(Core Class 60)
VT365
5019445X
(M18 water port & M10 oil port)

Note: 300 pound maximum side load on belts.

Volvo®
Core Group 1H

Tu-Flo 550
Air Compressor
(Core Class 1H)
108937X

Bendix® Tu-Flo® 750
Air Compressor
(Core Class 2H)
108935X

NPT Ports

International® I-6
Pre-2004
Core Group 1G

Bendix® Tu-Flo® 550
Air Compressor
(Core Class 1G)
DT466, HT530
5004613X

Bendix® Tu-Flo® 750
Air Compressor
(Core Class 2G)
HT530
5004614X

Optional Bendix® Tu-Flo® 550 & 750 compressors available with premium crankshafts for severe duty applications. See Bendix Bulletin TCH-001-054.

Bottom drain & metric ports

International I-6
2004 - 2006
Core Group 1G

Tu-Flo 550
Air Compressor
(Core Class 1G)
DT466
5014144X

HT570
***5014488X**

Tu-Flo 750
Air Compressor
(Core Class 2G)
HT570
***5014489X**

* Premium crankshaft for severe duty applications.

Bottom drain & metric ports

International I-6
2007
Core Group 1G

Tu-Flo 550
Air Compressor
(Core Class 2G)
DT466
5019320X

HT570
***5019321X**

Tu-Flo 750
Air Compressor
(Core Class 2G)
HT570
***5019322X**

* Premium crankshaft for severe duty applications.

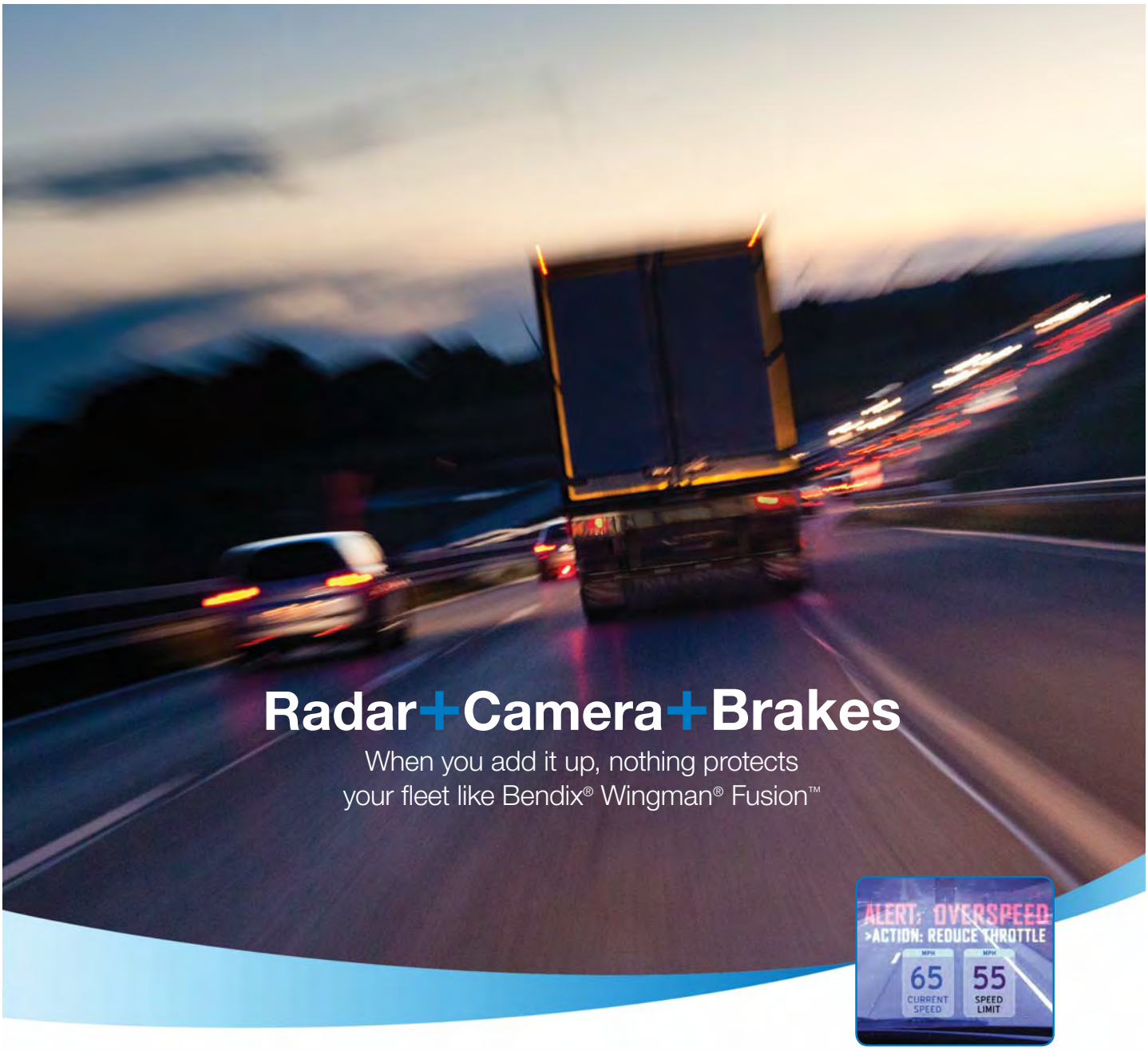
Mack Extended
Core Group 1F

Tu-Flo 550
Air Compressor
(Core Class 1F)
***108866X**
(Pre-1997)
5002865X

Tu-Flo 750
Air Compressor
(Core Class 2F)
***5003729X**
(Pre-1997)
5002868X

* Head contoured for special clearance applications.

Service Parts / Kits	Part No.
Rear Spline Adapter	5000560
Bottom Drain Kit	5013553



Radar + Camera + Brakes

When you add it up, nothing protects
your fleet like Bendix® Wingman® Fusion™

Unlike radar-only systems, Wingman Fusion combines and cross-checks information from multiple sources to deliver enhanced rear-end collision mitigation, alerts when speeding, and braking on stationary vehicles. Bendix Wingman Fusion also helps drivers avoid additional crash situations, including rollovers, loss-of-control, and sideswipe crashes while prioritizing alerts to help reduce driver distraction. The Bendix Wingman Fusion driver assistance system — next generation collision mitigation, available today.

Visit safertrucks.com/fusion or call 1.800.AIR.BRAKE (1.800.247.2725) today.
Ask your new truck dealer representative to add Wingman Fusion to your next truck order.

Bendix®

WINGMAN Fusion™

The system's camera is powered by the Mobileye System-on-Chip EyeQ processor with state-of-the-art-vision algorithms. Bendix® safety technologies complement safe driving practices and are not intended to enable or encourage aggressive driving. No commercial vehicle safety technology replaces a skilled, alert driver exercising safe driving techniques and proactive, comprehensive driver training. Responsibility for the safe operation of the vehicle remains with the driver at all times. Inset image shows a simulated display for demonstration purposes only.

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All Makes™
by Bendix CVS

WABCO® SS318 Series Air Compressors

9111535200X

9111535100X

Bendix Part Number	Compressor Model	Application (engine type, characteristics)	Compressor Cross Reference	Core Group	Core Class
9111530030X	SS318	Cummins® ISC/ISL Engine, 11 Tooth, 85MM	3944525, 3949098, 3969110, 9111530100X, 9111535300X	RF	R7
9111530550X	SS318	Mack® Engine, 11 Tooth, 85MM		RD	R5
9111535100X	SS318	Cummins ISX Engine, 85MM	3103413, 3681902, 3681904	RB	R2
9111535200X	SS318	Cummins L/M/N Engine, 85MM	3558163, 9111535207X	RC	R4
9111535400X	SS318	Mack Engine, Extended Flange, Thru-Drive, 11 Tooth	303GB5129M	RD	R5
9111535410X	SS318	Mack Engine, Extended Flange	9111530560	RD	R5

WABCO® Replacement Heads

For SS318 Series Air Compressors

9111539202X

(Includes mounting hardware and gasket)

Bendix Part Number	Compressor Model	Application (engine type, characteristics)	Compressor Reference	Core Group	Core Class
9111539202X	SS318	85MM Metric STO	9111530040X, 9111535200X, 9111535207X, 9111535300X, 9111535330X, 9111535313X	RH	S5
9111539212X	SS318	85MM STO	9111535100X	RH	S5
9111539312X	SS318	85MM Mack	9111535400X, 9111535410X	RH	S5

Cummins®/Holset® Compressors

Bendix Part Number	Compressor Model	Application (engine type, characteristics)	Core Group	Core Class
3048680X	ST676	L10/K/N14 Engine	P1	PA
3049186X	SS296	N14/L10 Engine	J	AJ
3558052X	QE296C	C Series Engine, Thru-Drive, 11 Tooth	J4	JD
3558072X	QE296	L10/N14 Engine	J3	JC

3558072X

All Makes™
by Bendix CVS

Midland® 1300 & 1600 Series Air Compressors

EL13111X

Bendix Part Number	Compressor Model	Application (engine type, characteristics)	Compressor Cross Reference	Core Group	Core Class
EL13020X	1300	4-Hole Base Mount	N7002A	C1	CA
EL13111X	1300	Mack® Engine, Extended Flange	N7011F	F1	FA
EL16053X	1600	DDC® Series 60 Engine, Thru-Drive	NT7205Y	K2	KB

Midland® EL740 & 850 Series Air Compressors

KN7170X

Bendix Part Number	Compressor Model	Application (engine type, characteristics)	Compressor Cross Reference	Core Group	Core Class
KN7050X	EL740	4-Hole Base Mount, Flange Discharge	R955KN7050	A4	AD
KN7170X	EL740	6-Hole Base Mount	R955KN7170	A6	AF
KN86020X	EL850	4-Hole Base Mount, Water-Cooled	N7602, R955KN86020	B2	BB

Bendix® ST-4™ Safety Valve

V.M.R.S. 13-010-073

ST-4™ Safety Valve Pc. No.	Used in Conjunction with	Pressure Setting	Thread	No. of Holes
131081		250 psi	1/2-14 NPT	2
800019		150 psi	1/2-14 NPT	2
800154		250 psi	1/2-14 NPT	2
800155		200 psi	1/4-18 NPT	1
800350	Dryer Reservoir Module	153 psi	1/4-18 NPT	1
800533		250 psi	3/4-16 UNF-2A	2
800534	S.T.O.R.P.	250 psi	M16 x 1.5-6H	2
801116	S.T.O.R.P.	250 psi	7/8-14 UNF-2A	2

S.T.O.R.P. = Straight Thread O-Ring Port

See the valve section of this catalog for additional safety valves.

Air Strainers

Service New Pc. No. includes air strainer & hardware. Can not be used on a Tu-Flo® 300 compressor.

i SD-01-326

Air Strainer Kit Pc. No.	Service New Pc. No.	Replacement Filter
278500N	279901N	243009N

Air Strainer Kit Pc. No.	Service New Pc. No.	Filter & Gasket Kit	Replacement Filter
227785N	226469N	277157	239292N

Bendix® Compressor Maintenance and Service Kits

	Bendix® Compressor						
	U-7¼	E-12™ & F-12™	BX-2150™	Tu-Flo® 300	Tu-Flo® 400	Tu-Flo® 500	Tu-Flo® 501
NUMBER OF CYLINDERS	2	2	1	2	2	2	2
FIELD MAINTENANCE KIT	NA	NA	108848N 109356 (CAT)	229415N	229416	229417N	287043N
UNLOADER KIT	NA	NA	108847N	279613N	279614	279615N	279615N
GASKET SET	NA	NA	294562 (Head Gasket)	NA	280511	280512N	101558
PISTON RING SETS (3) = 3 ring piston (4) = 4 ring piston (5) = 5 ring piston Unless otherwise indicated one piston ring set services the entire compressor.							
Standard Size	226721N	225514	104045	226778N	226721N (4) 289603N (3)	225514	106105N (5)
.010 O.S.	226722N	225515N	104046	226779	226722N (4) 289604 (3)	225515N	106106 (5)
.020 O.S.	226723N	225516N	104047	226780	226723N (4) 289605 (3)	225516N	106107 (5)
.030 O.S.	226724	225517N	104048	226781	226724 (4) 289606 (3)	225517N	106108 (5)
.040 O.S.	NA	NA	NA	NA	NA	NA	5005216
PISTON AND WRIST PIN KITS (5) = 5 ring piston * These piston and wrist pin kits have a selected fit. A set contains one piston & one pin. All other piston & wrist pin kits have a non-selected fit and each kit contains one piston, one wrist pin & two wrist pin buttons.							
Standard Size	NA	NA	104049	225704N*	289438N	289928N	106109N (5)
.010 O.S.	NA	NA	104050N	226630*	289439N	289929N	106110N (5)
.020 O.S.	NA	NA	104051	226631*	289440N	289930N	106111N (5)
.030 O.S.	NA	NA	104052	226632*	289441	289931N	106112N (5)
.040 O.S.	NA	NA	NA	NA	NA	NA	5005217
ALUMINUM CONNECTING RODS (services 1 connecting rod)							
Without Inserts	229083	NA	NA	NA	229083	NA	NA
With Std. Inserts	229082N	NA	102398RX (Std.) 107465RX (.010 O.S.) 107466RX (.020 O.S.)	227479 (Std.)	229082N	NA	NA
STEEL CONNECTING RODS (services 1 connecting rod)							
Without Inserts	NA	229085	NA	NA	NA	229085	286258
With Std. Inserts	NA	NA	NA	NA	NA	NA	286259
CONNECTING ROD INSERT KIT (services 1 connecting rod)							
Standard Size	282763N	282767N	NA	NA	282763N	282767N 287062N(M)	286254N 287058N(M)
.010 O.S.	282764N	282768N	NA	NA	282764N	282768N 287063(M)	286255N 287059N(M)
.020 O.S.	282765N	282769N	NA	NA	282765N	282769N 287064(M)	286256N 287060N(M)
.030 O.S.	282766N	282770N	NA	NA	282766N	282770N	286257N 287061N(M)
.040 O.S.	NA	NA	NA	NA	NA	NA	5005218 5005219(M)
PISTON RINGS AND CONN. ROD KIT (services the entire compressor)	NA	NA	NA	NA	NA	NA	NA
CRANKSHAFT BEARING KIT	NA	NA	NA	NA	NA	NA	NA

(M) For Mack® style compressors with power steering driven by the compressor crankshaft.

NA - Not Available

Bendix® Compressor Maintenance and Service Kits

	Bendix® Compressor							
	Tu-Flo® 550	**Tu-Flo® 600**	**Tu-Flo® 700**	**Tu-Flo® 750**	**Tu-Flo® 1000**	**Tu-Flo®1400**	**BA-921®**	**BA-922®**
NUMBER OF CYLINDERS	2	2	2	2	4	4	1	2
FIELD MAINTENANCE KIT	107516N	229417N	289998N	107516N	229417N (2 req'd.)	104592	NA	NA
UNLOADER KIT	107515N 298721 (Unloader Cover Gasket)	279615N	279615N	107515N 298721 (Unloader Cover Gasket)	279615N (2 req'd.)	279615N (2 req'd.)	K046477	K049446 (or two K046477 kits)
HEAD KIT	265077			265077			K023600 (CAT)	
GASKET SET	5012609	101559	101559	5012609	NA	NA	5008558	5014472
HEAD GASKET	5011623			5011623				
PISTON RING SETS (3) = 3 ring piston (4) = 4 ring piston (5) = 5 ring piston Unless otherwise indicated one piston ring set services the entire compressor.								
Standard Size	5005361	282525N (5)	282525N	5005361	288646	282525N (2 req'd.)	NA	NA
.010 O.S.	5005362	282526N (5)	282526N	5005362	288647N	282526N (2 req'd.)	NA	NA
.020 O.S.	5005363	282527N (5)	282527N	5005363	288648	282527N (2 req'd.)	NA	NA
.030 O.S.	5005364	282528N (5)	282528N	5005364	288649	282528N (2 req'd.)	NA	NA
PISTON AND WRIST PIN KITS (5) = 5 ring piston * These piston and wrist pin kits have a selected fit. A set contains one piston & one pin. All other piston & wrist pin kits have a non-selected fit and each kit contains one piston, one wrist pin & two wrist pin buttons.								
Standard Size	107647	289891N	289891N	107643	289928N	289891N	NA	NA
.010 O.S.	107648	289892N	289892N	107644	289929N	289892N	NA	NA
.020 O.S.	107649	289893	289893N	107645	289930N	289893N	NA	NA
.030 O.S.	107650	289894	289894N	107646	289931N	289894N	NA	NA
ALUMINUM CONNECTING RODS (services 1 connecting rod)								
Without Inserts	NA	NA	NA	NA	NA	NA	NA	NA
With Std. Inserts	NA	NA	NA	NA	NA	NA	NA	NA
STEEL CONNECTING RODS (services 1 connecting rod unless otherwise noted)								
Without Inserts	108841 (serv. 2)	229085	229085	108841 (serv. 2)	289029	229085	NA	NA
With Std. Inserts	NA	NA	NA	NA	NA	NA	NA	NA
CONNECTING ROD INSERT KIT (services 1 connecting rod unless otherwise noted)								
Standard Size	107651 (serv. 2)	282767N 287062N(M)	282767N	107651 (serv. 2)	282751N	282767N	NA	NA
.010 O.S.	107652 (serv. 2)	282768N 287063(M)	282768N 287063(M)	107652 (serv. 2)	282752N	282768N	NA	NA
.020 O.S.	107653 (serv. 2)	282769N 287064(M)	282769N 287064(M)	107653 (serv. 2)	282753N	282769N	NA	NA
.030 O.S.	107654 (serv. 2)	282770N	282770N	107654 (serv. 2)	282754N	282770N	NA	NA
PISTON RINGS AND CONN. ROD KIT (services the entire compressor)	108843 (std.) 5000334 (.010 O.S.) 5000333 (.020 O.S.) 5000332 (.030 O.S.)	NA	NA	108842N (std.) 5000331 (.010 O.S.) 5000330 (.020 O.S.) 5000329 (.030 O.S.)	NA	NA	NA	NA
CRANKSHAFT BEARING KIT	107969N	NA	NA	107969N	NA	NA	NA	NA

(M) For Mack® style compressors with power steering driven by the compressor crankshaft.

NA - Not Available

See pages 4 and 6 for additional Bendix® BA-921® and BA-922® compressor kits.

Bendix® D-2® Governor

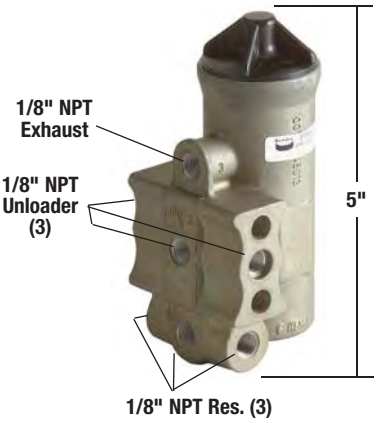
- Available Remanufactured Exchange
- Maintenance Kit With High Temperature O-Rings Pc. No. 280915
- Maintenance Kit With Standard O-Rings 276121N
- Mounting Gasket 5007834
- Governor Check Valve Kit 5004049
- Governor Exhaust Breather 802161
- 90° Adapter Fitting 5008561
- Mounting Bolts 240910
- Operating cut-in and cut-out pressures are adjustable to OE equivalent pressures except for the non-adjustable governor.

V.M.R.S. 13-010-018

SD-01-503

Reman. Exch. Pc. No.	Service New Pc. No.	Pressure Range (psi)	Comments
—	065018	100–120	Non-Adjustable
—	275200N	90–105	—
275491RX	275491N	100–120	—
—	275508N	95–110	—
—	275530N	120–150	—
275707RX	275707N	105–125	—
—	277486N	110–130	—
—	283657N	115–135	—
284358RX	284358N	105–125	See Note 1
—	800361N	105–130	Non-Adjustable
	801941	117–130	Low Band

1 Governor supplied with high temperature o-rings and waterproof cover



Bendix® D-2® Governor

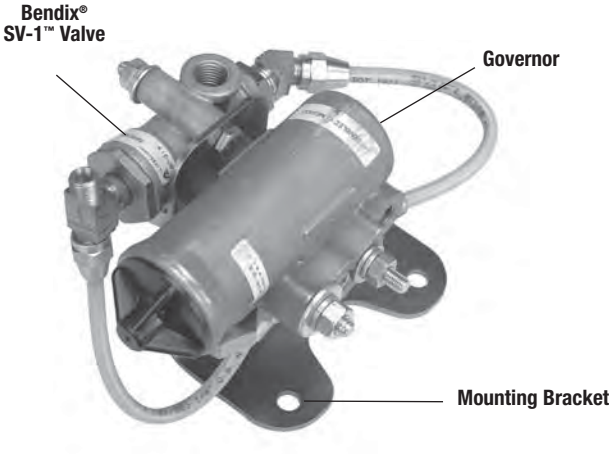
Bendix® D-2A™ Governor
(Non-Adjustable)

Governor Maintenance Kit Contents
276121N and 280915

Bendix® D-2®/SV-1™ Module

Used in conjunction with the DuraFlo 596™ Compressor.

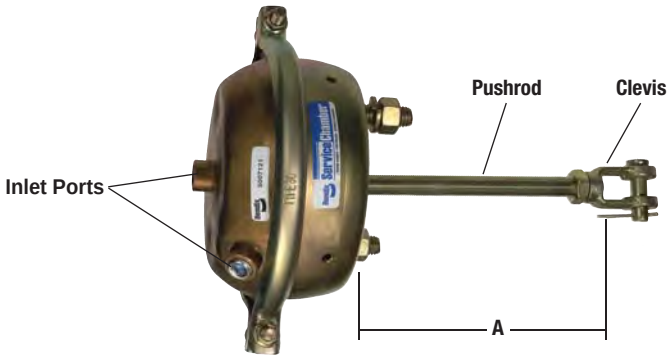
Service New Pc. No.	Type
5005365N	Steel Piston SV-1™ Valve 130 PSI
5007116	Standard D-2®/SV-1™ Module
5007404N	(High Temperature) w/unloader hose D-2®/SV-1™ Module



Brake Chambers

Fully Threaded Pushrod

V.M.R.S. 13-010-034
SD-02-1302



Brake Chamber with Welded Clevis

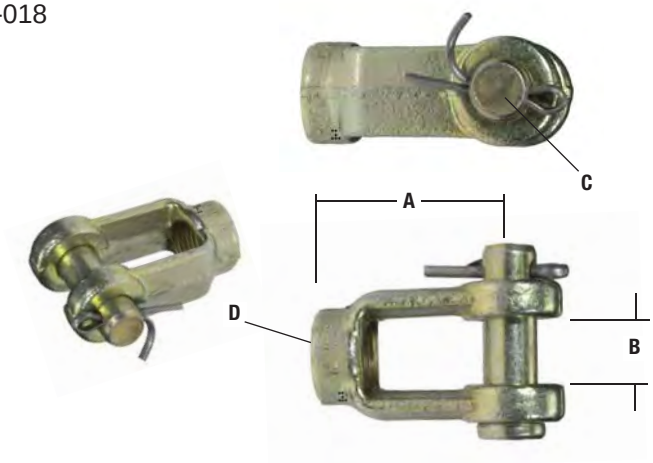
Brake Chamber Type	Stroke	Service New Pc. No. w/o Yoke	A Pushrod Length	Service New Pc. No. w/Yoke	Inlet Port Size	Pushrod Thread	Rubber Diaphragm	Clamp Band	Spring
Standard Yoke									
T12	1.75"	800822	8.60"	5007117N	1/4"-18 NPTF	1/2"-20 UNF	802486	800906	800918
T16	2.25"	800823	8.60"	5007118N	1/4"-18 NPTF	1/2"-20 UNF	802487	800907	
T20 LS	2.50"	802990	8.20"	800824	3/8"-18 NPTF	5/8"-18 UNF	K025490	800908	800919
T24	2.50"	802986	7.80"	800825	3/8"-18 NPTF	5/8"-18 UNF	802489	800909	
T24 ELS	3.00"	—	8.00"	K025365	3/8"-18 NPTF	5/8"-18 UNF	801378		
T30	2.50"	800826	7.60"	5007121N	3/8"-18 NPTF	5/8"-18 UNF	802490	800910	
T30 ELS	3.00"	K025360	8.00"	K025356	3/8"-18 NPTF	5/8"-18 UNF	801379		
T36	3.00"	800827	8.40"	5007122N	3/8"-18 NPTF	5/8"-18 UNF	802491	800911	
Welded Clevis									
T20 LS	2.50"	—	2.25"	K058715	3/8"-18 NPTF	5/8"-18 UNF	802488	800908	800919
T24	2.50"	—	2.25"	K058691	3/8"-18 NPTF	5/8"-18 UNF	802489	800909	
T24 ELS	3.00"	—	2.25"	K058753	3/8"-18 NPTF	5/8"-18 UNF	801378		
T30	2.50"	—	2.25"	K058721	3/8"-18 NPTF	5/8"-18 UNF	802490	800910	
T30 ELS	3.00"	—	2.25"	K058740	3/8"-18 NPTF	5/8"-18 UNF	801379		

Diaphragm

Clevis / Yoke Assemblies

For Brake Chambers
& Rotochambers

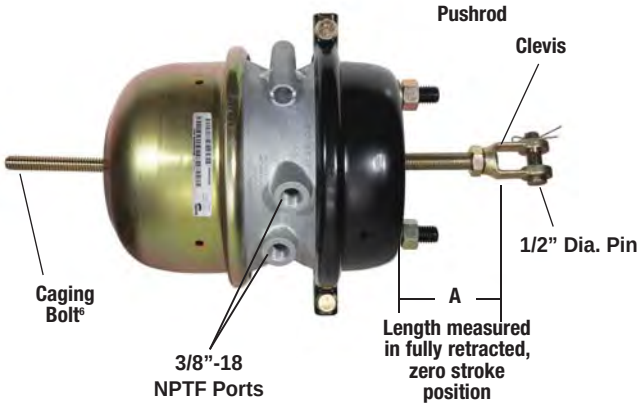
V.M.R.S. 13-004-018

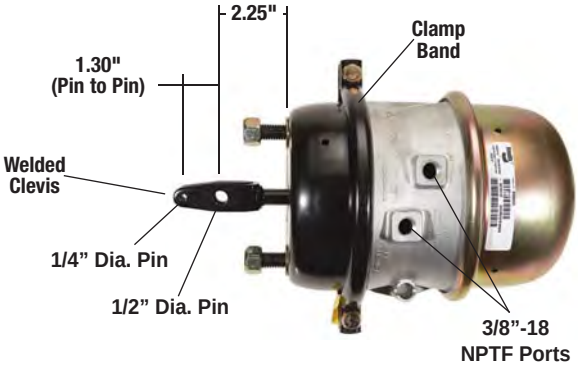


Yoke Assembly Pc. No.	A End to Pin	B Slot Width	C Pin Dia.	D Thread Size
205948N	1-3/4"	9/16"	1/2"	1/2-20
228790N	1-3/4"	9/16"	1/2"	5/8-18
228798N	1-3/4"	9/16"	5/8"	5/8-18
229496N	2"	13/16"	3/4"	5/8-18
282592N	2"	13/16"	3/4"	3/4-16

Spring Brakes

V.M.R.S. 13-010-025
SD-02-4500

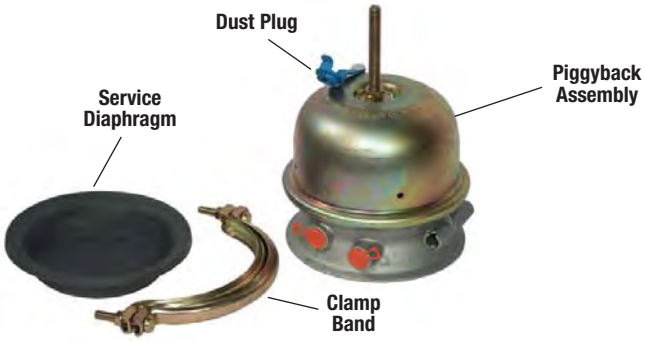




Bendix® EverSure® Spring Brake with Welded Clevis

Bendix® EnduraSure™-Pro Spring Brake with Welded Clevis

- Long life sealed chamber
- Incorporates a sealing plug that seals the parking/emergency side of the chamber
- Extended warranty



Release Tools	
Chamber Type	Release Tool Pc. No.
T XX/24	800921
T XX30	
T 36/36	K024631

Refer to the table on the following page.

[1] Pushrod length measured in the fully retracted, zero stroke position. WC denotes welded clevis.

[2] Yoke piece number 228790N is included for non-welded clevis models. See Clevis/Yoke Assembly information section.

[3] Piggyback kit includes: Piggyback assembly, clamp bands with hardware, and a rubber service diaphragm.

[4] Service diaphragm piece number 802490 should be used when servicing earlier Bendix® Type 30/30 spring brake assemblies with a 2.50" stroke.

[5] Dust plug piece number K034202 should be used if servicing earlier Bendix® SB-4™ Type 30/30 spring brake assemblies.

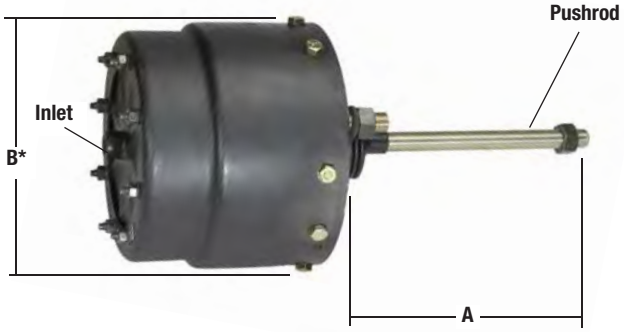
Model & Type	Stroke	A Pushrod Length[1]	Spring Brake Service New Pc. No.		Piggyback Kit[3]	Piggyback	Rubber Service Dia-phragm[4]	Clamp Band	Dust Plug[5]	Service Return Spring
			w/o Clevis	w/Clevis[2]						
EverSure® 20/24	2.50"	5.62"	NT2024LS-56	—	NT2024LS-KIT	NT2024LS-PIG	K025490	800908	K034202	K088770
		8.00"	NT2024LS-80	—						
		2.25" WC	—	NT2024LS-WC						
EverSure 24/24	2.50"	5.62"	NT2424LS-56	—	NT2424LS-KIT	NT2424LS-PIG	802489	800909	K034202	K088770
		8.00"	NT2424LS-80	—						
		2.25" WC	—	NT2424LS-WC						
EnduraSure™ 20/30	2.50"	5.62"	NT2030STD-56	—	NT2030STD-KIT	NT2030STD-PIG	K073327	800908	K056732	K111604
		8.00"	NT2030STD-80	—						
		2.25" WC	—	NT2030STD-WC						
EnduraSure 24/30 LS	3.00"	5.62"	NT2430ELS-56	—	NT2430ELS-KIT	NT2430ELS-PIG	K071148	800909	K057632	K111604
		8.00"	NT2430ELS-80	—						
		2.25" WC	—	NT2430ELS-WC						
EnduraSure 30/30	2.50"	5.62"	NT3030STD-56	—	NT3030STD-KIT	NT3030STD-PIG	K037502	800910	K057632	800919
		7.80"	NT3030STD-78	NT3030STD-78TC						
		9.75"	K049898	—						
		12.00"	NT3030STD-120	NT3030STD-120TC						
		2.25" WC	—	NT3030STD-WC						
		11.10" WC	—	K129605						
EnduraSure-Pro 30/30	2.50"	2.25" WC	—	EPRO3030STD-WC	—	—	K037502	800910	K115108	800919
		6.8" WC	—	EPRO3030STD-68WC						
		7.80"	EPRO3030STD-78	EPRO3030STD-78TC						
		9.70"	EPRO3030STD-97	EPRO3030STD-97TC						
		11.10" WC	—	EPRO3030STD-111WC						
		12.00"	EPRO3030STD-120	EPRO3030STD-120TC						
EnduraSure 30/30 LS	3.00"	5.62"	NT3030ELS-56	—	NT3030ELS-KIT	NT3030ELS-PIG	K132060	800910	K115108	800920
		8.00"	NT3030ELS-80	NT3030ELS-80TC						
		9.91"	NT3030ELS-99	—						
		2.25" WC	—	NT3030ELS-WC						
EnduraSure-Pro 30/30	3.00"	2.25" WC	—	EPRO3030ELS-WC	—	—	K132060	800910	K115108	800920
		6.8" WC	—	EPRO3030ELS-68WC						
		8.00"	EPRO3030ELS-80	EPRO3030ELS-80TC						
		9.90"	EPRO3030ELS-99	EPRO3030ELS-99TC						
		11.10" WC	—	EPRO3030ELS-111WC						
SB-4™ 30/36	2.50"	7.80"	800832	—	K024654	5007127	802490	800910	802067	800919
		9.05"	5007133	—						
		2.25" WC	—	K102314						
SB-4 30/36 LS	3.00"	5.62"	K093670	—	K093406	K093405	801379	800910	802067	K088770
		8.00"	K093671	—						
		2.25" WC	—	K093672						
SB-4 36/36	3.00"	8.50"	800833	5007134N	K027243	5007128	802491	800911	802067	800920

Rotochambers

V.M.R.S. 13-010-034

SD-02-1336

Fully Threaded Pushrod



Spring

Diaphragm

Type	Service New Pc. No.	Port Size (NPT)	A Pushrod Length	Pushrod Thread	B Diameter*	Diaphragm Material and Size			Spring
						Rubber	Neoprene	C Diameter	
T9	229814N	1/4"-18	13"	1/2"-20	4-3/4"	231472	236524	4-5/16"	231481
T12	229815	3/8"-18	11"	1/2"-20	5-9/32"	231506	236525	4-27/32"	231513
T16	229816N	3/8"-18	7-7/8"	1/2"-20	5-7/8"	231525	236526	5-7/16"	231531
T20	229817N	3/8"-18	6-7/8"	1/2"-20	6-13/32"	231982	236527	5-31/32"	231933
T24	229818N	1/4"-18	5-13/16"	1/2"-20	6-15/16"	231516	236528	6-7/16"	231522
T30	229819N	1/4"-18	9-1/16"	5/8"-18	7-17/32"	231543	236529	7-3/32"	231549
T36	229820N	1/4"-18	8-1/16"	5/8"-18	8-5/32"	231534	236530	7-21/32"	231540
T50	229821N	3/8"-18	10-15/16"	3/4"-16	9-13/32"	231491	236531	8-29/32"	231498

* Diameter "B" measurement includes the bolt heads.

Bendix® EverSure® Air Disc Brake Spring Brake Chamber

V.M.R.S. 13-010-025

Type	Stroke	Spring Brake Service New Pc. No.	Diaphragm Kit	Clamp Ring Kit	Release Tool	Dust Plug	Bellows Kit
T16/24	2.25" (57 mm)	K042457	K052484	K090235	800921	K034202	K090594
T18/24	2.25" (57 mm)	K132352	K052484				
T20/24	2.50" (63 mm)	K041960	K052486	K090236			
T22/24	2.50" (63 mm)	K043148	K052487	K090237			
T24/24	2.50" (63 mm)	K043270	K052488				

The chamber type is noted as TXX/5.6kN on the chamber. Note that 5.6kN refers to the force of the power spring.

NG-3™ Piston Style Spring Brake Chamber

V.M.R.S. 13-010-025

Type	Stroke	Spring Brake Service New Pc. No.	Diaphragm Kit	Clamp Ring Kit	Bellows Kit
T14/24	2.25" (57 mm)	K026735	—	—	K090594
T16/24	2.25" (57 mm)	K026731	K052484	K090235	
T18/16	2.25" (57 mm)	K027557	K052485		
T18/24	2.50" (63 mm)	K025670	K052486	K090236	
T20/24	2.50" (63 mm)	K025669	K052486		
T22/24	2.50" (63 mm)	K026737	K052488	K090237	
T24/24	2.50" (63 mm)	K026734	K052488		

For additional air disc brake information, refer to product group/section 23 of this catalog.

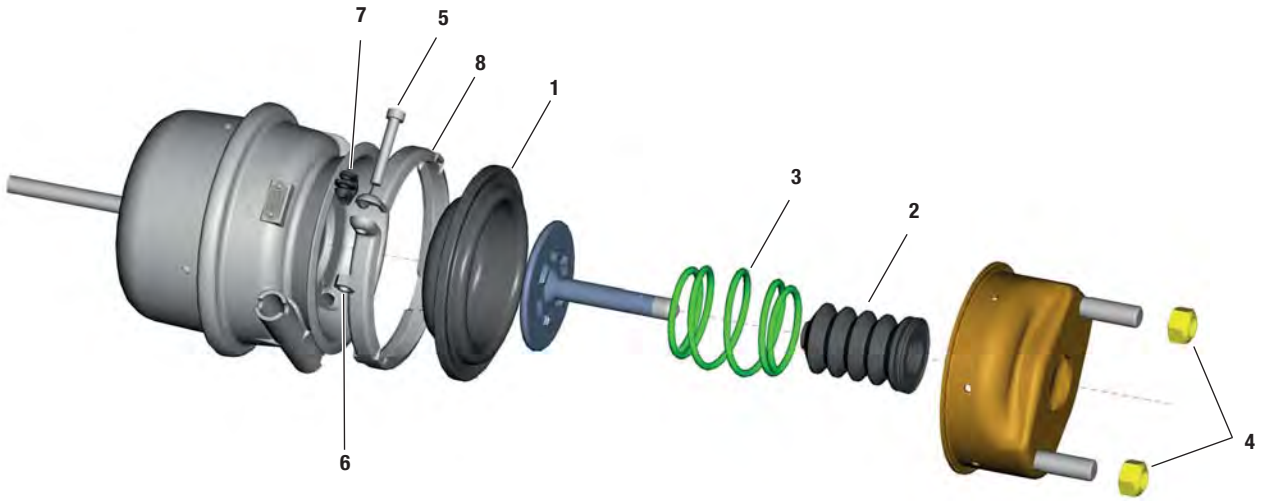
Air Disc Brake Service Chambers

V.M.R.S. 13-010-034

Type	Service New Pc. No.	Stroke	Diaphragm Kit	Clamp Ring Kit	Bellows Kit
T12	K028227	2.25" (57 mm)	—	—	K090594
T14	K028039	2.25" (57 mm)			
T16	K028226	2.25" (57 mm)	K052484	K090235	
T18	K028022	2.50" (63 mm)	K052486	K090236	
T20	K028225	2.50" (63 mm)	K052086		
T22	K028238	2.50" (63 mm)	K052487	K090237	
T24	K028252	2.50" (63 mm)	K052488		

For additional air disc brake information, refer to product group/section 23 of this catalog.

Maintenance Kits for Air Disc Brake Chambers



Item No.	Description	Kit Contents		
		Diaphragm Kit	Clamp Ring Kit	Bellows Kit
1	Diaphragm	1	—	—
2	Bellow	1	—	1
3	Spring	1	—	—
4	Lock Nut	2	—	2
5	Screw	1	1	—
6	Hex Nut	1	1	—
7	Spacing Sleeve	1	1	—
8	Clamp Ring	—	1	—
9	Grease Packet (not shown)	1	—	1

Caution: Be sure to follow the instruction sheet included in the kit when servicing.
The replacement diaphragm must match the original diaphragm.
The clamp band torque is 28 Nm. (20 ft-lbs)
The mounting nut torque is 180 Nm. (133 ft-lbs)

For additional air disc brake information, refer to product group/section 23 of this catalog.

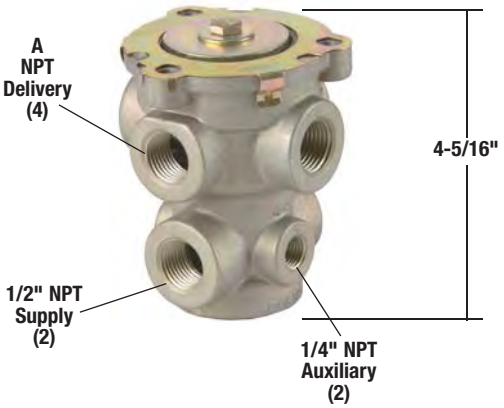
Bendix® E-2™ Brake Valve (Basic)

- Available Remanufactured Exchange
- Maintenance Kits
  Pc. No. 276119N Minor Repair
  Pc. No. 289324N Major Repair

Treadle and Mounting Plate not furnished.

V.M.R.S. 13-010-019
SD-03-812

Reman. Exch. Pc. No.	Service New Pc. No.	A NPT (Delivery)
229500RX	229500N	3/8"
229501RX	229501N	1/2"

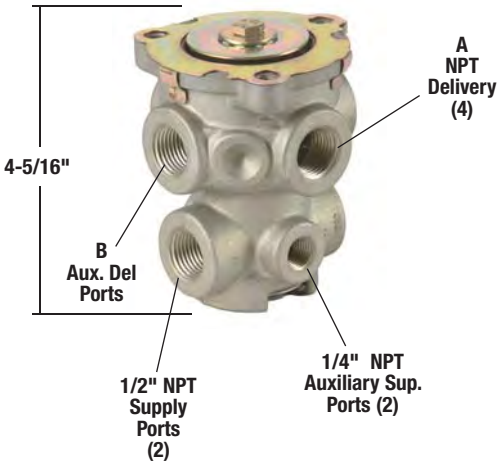


Bendix® E-3™ Brake Valve (Basic)

- Available Remanufactured Exchange
- Maintenance Kits
  Pc. No. 276119N Minor Repair
  Pc. No. 289329N Major Repair

Treadle and Mounting Plate not furnished.

V.M.R.S. 13-010-019
SD-03-812



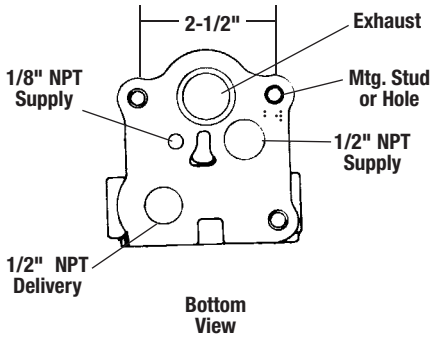
Reman. Exch. Pc. No.	Service New Pc. No.	A NPT (Delivery)	B Auxi-liary Ports
277863RX	277863N	1/2"	NONE
278998RX	278998	1/2"	2-1/4"

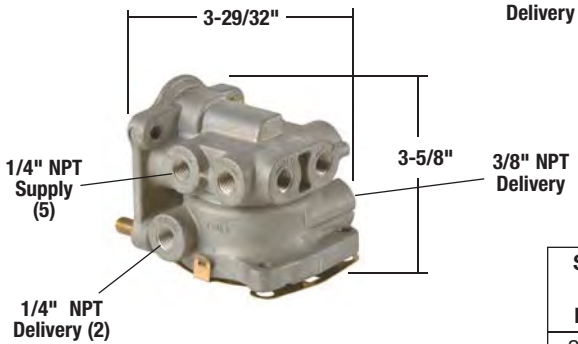
Bendix® E-5™ Brake Valve (Basic)

- Available Remanufactured Exchange
- Maintenance Kits
  Pc. No. 281084N Minor Repair
  Pc. No. 289334N Major Repair

Pedal and Mounting Plate not furnished.

V.M.R.S. 13-010-019
SD-03-816





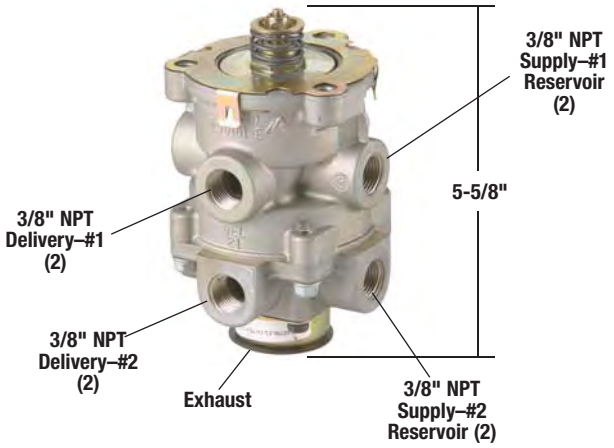
Service New Pc. No.
279950N

Bendix® E-6® Dual Brake Valve (Basic)

- Available Remanufactured Exchange
- Maintenance Kits
  Pc. No. 287368N Minor Repair
  Pc. No. 5019319 Minor Repair - High Temp
  Pc. No. 289335 Major Repair

Treadle and Mounting Plate
not furnished.

V.M.R.S. 13-010-051
SD-03-817



Typical E-6 Brake Valve Assembly and Service Parts				
Service New Assembly Pc. No.	Service New Valve Pc. No.	Treadle	Mounting Plate	Plunger
286173N	286171N	226834N	236979N	236981N

Reman. Exch. Pc. No.	Service New Pc. No.	Comments
286171RX	286171N	
–	802911	High Temp.

Bendix® E-8P®, E-10P™ & E-10PR™ Dual Brake Valves

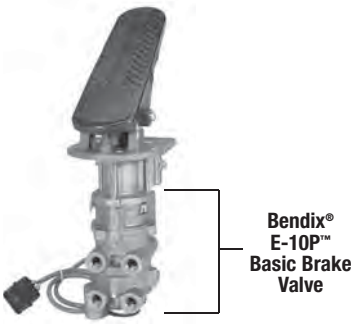
- Maintenance Kits
  Pc. No. 287368N Minor Repair
  Pc. No. 5019319 Minor Repair - High Temperature
  Pc. No. 289335 Major Repair

V.M.R.S. 13-010-051
SD-03-830 and SD-03-832

Service New Bendix® E-8P® Brake Valve	Replaces Bendix® E-12™ Brake Valve	Comments*
800629	065313, 800583	Lower Body Rotated 90°
800630	065458	Lower Body Rotated 90°
800631	065460, 800407	1/2" NPT Exhaust
802924	—	High Temp
800599	—	PTC Fittings
5008547	800171	Includes Valve and Plunger

Bendix® E-8P® Brake Valve

Bendix® E-10P™ Brake Valve



Bendix® E-10PR™ Brake Valve

Service New Bendix® E-10P™ Brake Valve	Replaces Bendix® E-15™ Brake Valve
800632	065315
	800318

Service New Bendix® E-10P™ Brake Valve	Replaces Bendix® E-15R™ Brake Valve
800632	800319

*PTC - Push-To-Connect Fittings

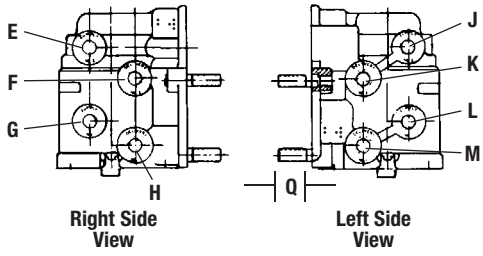
Typical E-8P Brake Valve Assembly and Service Parts					
Service New Assembly Pc. No.	Mounting Plate and Treadle	Treadle	Mounting Plate	Treadle	Plunger
800633	103197N	109428	236979N	109176	112336

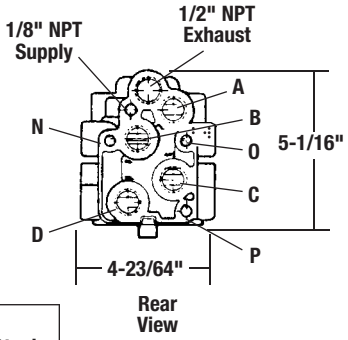
Bendix® E-7™ Dual Brake Valve (Basic)

- Available Remanufactured Exchange
- Maintenance Kits
  Pc. No. 289352N Minor Repair
  Pc. No. 289353 Major Repair
  Pc. No. 261047 O-Ring Kit

Pedal and Mounting Plate not furnished.

V.M.R.S. 13-010-051
SD-03-818





Reman. Exch. Pc. No.	Service New Pc. No.	Port Thread Sizes & Locations												Mtg. Studs in Positions "N", "O" "P" Above	Stud Length Q	Stud Thread Size
		A	B	C	D	E	F	G	H	J	K	L	M			
†284760RX	†284760N	No Thd	No Thd	No Thd	No Thd	1/4	–	1/4	–	–	–	–	–	No	–	–
286773RX	286773	1/2	1/2	1/2	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	Yes	1-1/2"	3/8"-24
286775RX	–	1/2	1/2	1/2	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	Yes	3/4"	3/8"-16
287411RX	287411N	1/2	1/2	1/2	1/2	1/4	1/4	1/4	1/4	3/8	3/8	3/8	3/8	No	–	–
*287564RX	*287564N	1/2	1/2	1/2	1/2	1/4	3/8	1/4	3/8	1/4	1/4	1/4	1/4	Yes	15/16"	3/8"-16
*288383RX	*288383N	1/2	1/2	1/2	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	No	–	–
101818RX	101818N	1/2	1/2	1/2	1/2	1/4	3/8	1/4	3/8	1/4	3/8	1/4	3/8	No	–	–

† Ford® Basic Valve Kit: Includes a basic valve and 10 sealing rings.
* Exhaust port contains a diaphragm.

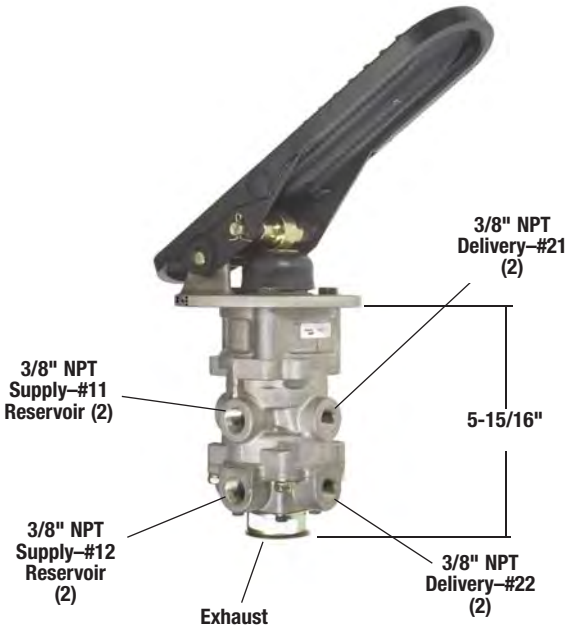
Bendix® E-10™ Dual Brake Valves (Basic)

- Maintenance Kit
  Pc. No. 102100

Treadle and Mounting Plate not furnished.

V.M.R.S. 13-010-051
SD-03-817

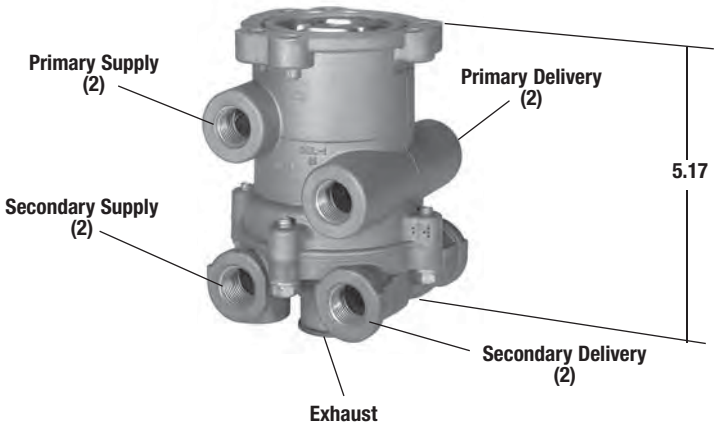
Reman Exch. Pc. No.	Service New Pc. No.
101100RX	101100N



Bendix® E-12™ & E-15™ Dual Brake Valves

• Maintenance Kit Pc. No. 108367 Minor Repair

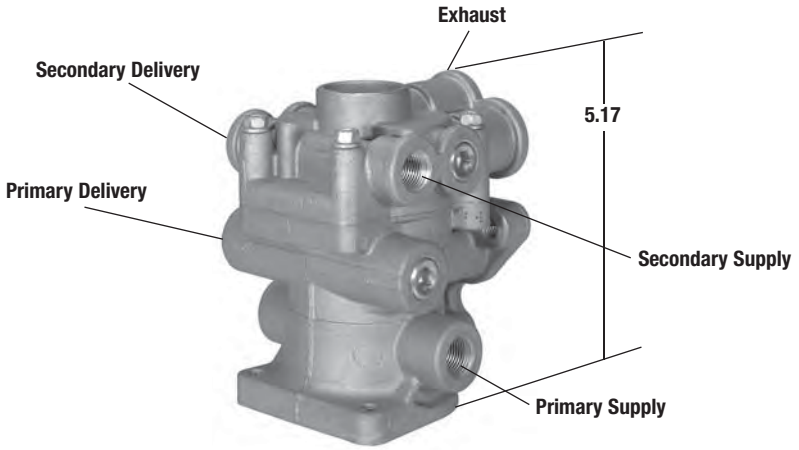
V.M.R.S. 13-010-051
SD-03-826



Bendix® E-14™ Dual Brake Valve (Basic)

• Maintenance Kit Pc. No. 108367 (Minor Repair)

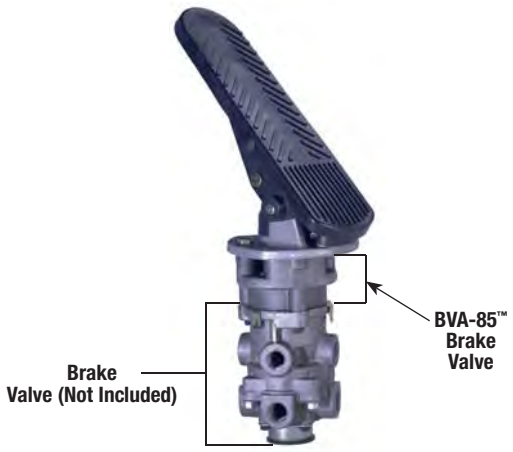
V.M.R.S. 13-010-051
SD-03-828



Bendix® BVA-85™ Brake Valve Actuator

Service New Pc. No.	Comments*
5009593	1/4" PTC Port
5009594	1/4" NPT Port
K039060	1/4" NPT Port - High Temp.

*PTC - Push-To-Connect Fittings

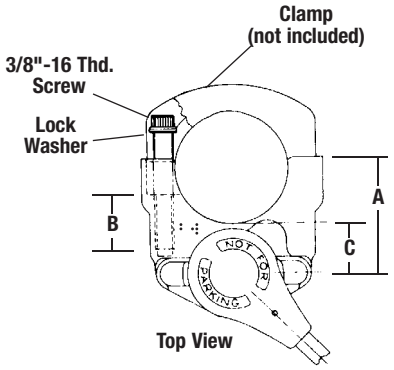


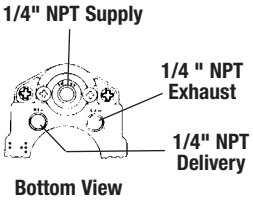
Bendix® TC-2™ Brake Valve (Basic)

- Available Remanufactured Exchange
- Maintenance Kit Pc. No. 276122

Handle not furnished.

V.M.R.S. 13-010-014
SD-03-813





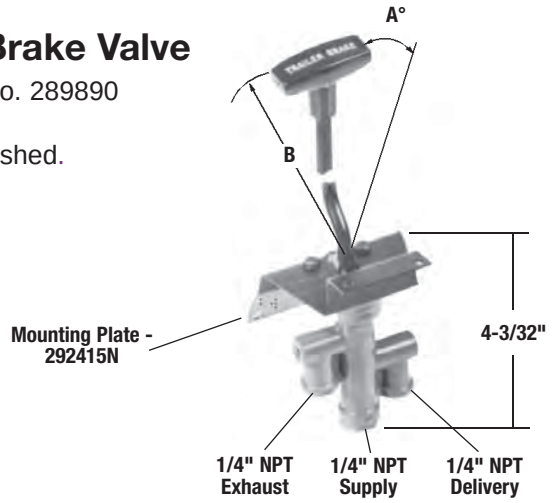
Reman. Exch. Pc. No.	Service New Pc. No.	Graduated Range Pressure (psi)	Final Delivery Pressure (psi)	A	B Thd./Drill Depth	C
–	101460	5-125	125	2.35"	1.4"	.97"
276270RX	276270N	5-80	Reservoir	3.44"	1.1"	2.1"
–	800172	5-125	Reservoir	1.25"	Through	.09"
–	800173	5-80	80	1.25"	Through	.09"
–	802634	5-80	80	3.44"	1.1"	2.1"

Bendix® TC-6™ Brake Valve

- Maintenance Kit Pc. No. 289890

Mounting Plate not furnished.

V.M.R.S. 13-010-159
SD-03-821



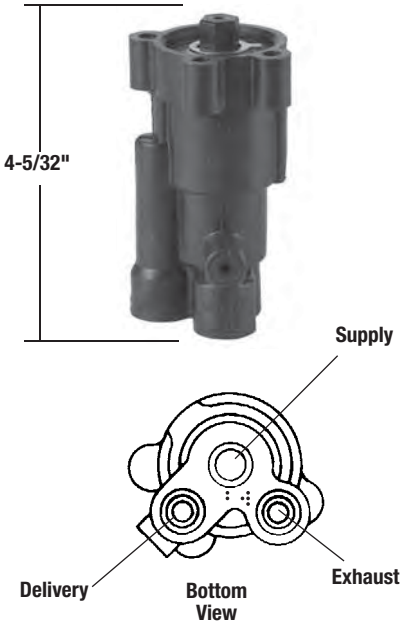
Service New Pc. No.	Handle		Final Delivery Pressure (psi)
	A°	B	
065512	55	7.03"	85
106385	55	8.93" Self-returning	85
101786N	75	8.52"	120
289884N	75	4.5"	120
289885N	75	4.5"	50
5003601N	55	8.9"	85

Bendix® TC-7™ Brake Valve

- Maintenance Kit Pc. No. 102145

Handle and Mounting Bracket not furnished.

V.M.R.S. 13-010-159
SD-03-824



Service New Pc. No.	Comments	Handle Travel	Final Delivery Pressure	Port Sizes
101860	Positioning	71° CW	Reservoir	1/4" PT
102394N	Self-returning	71° CW	Reservoir	1/4" PT
102707	Positioning	50° CW	80 psi	1/4" PT
108233N	Self-returning	50° CW	80 psi	1/4" PT
K112644	Positioning	71° CW	Reservoir	3/8" PTC
K112648	Self-returning	71° CW	Reservoir	3/8" PTC

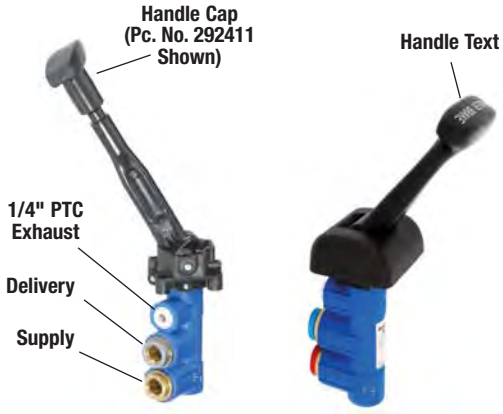
*PTC - Push-To-Connect Fittings

Bendix® TCS-9000™ Control Valve

SD-03-3674

Service New Pc. No.	Supply	Delivery	Comments	Handle Text
802033	3/8"	3/8"	Self-returning	No Handle Cap
K031988	3/8"	3/8"	Self-returning	No Handle Cap
K024944	1/4"	1/4"	Self-returning	Rear Brake
K024946	3/8"	3/8"	Self-returning	Trailer Brake
K024947	3/8"	3/8"	Self-returning	Rear Brake
K024948	3/8"	3/8"	Positioning	Trailer Brake - Not for Parking
K120683	3/8"	3/8"	Self-returning	ISO Symbol -

*PTC – Push-To-Connect Fittings



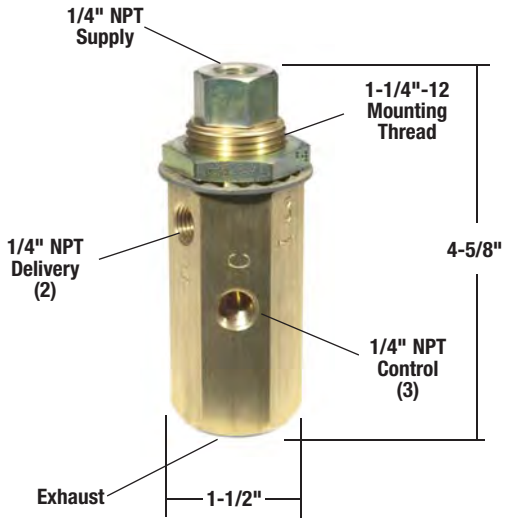
Bendix® TR-2™ Inversion Valve

- Available Remanufactured Exchange
- Maintenance Kit 281138N

V.M.R.S. 13-010-047

SD-03-4650

NOTE: With 125 psi supply pressure, valve must begin to exhaust at 65 psi nominal ascending control pressure. Valve must deliver full supply pressure with 40 psi nominal descending control pressure.



Reman. Exch. Pc. No.	Service New Pc. No.	Comments
277340RX	277340N	—
—	101125N	Brass Body

Bendix® TR-3™ Inversion Valve

- Available Remanufactured Exchange

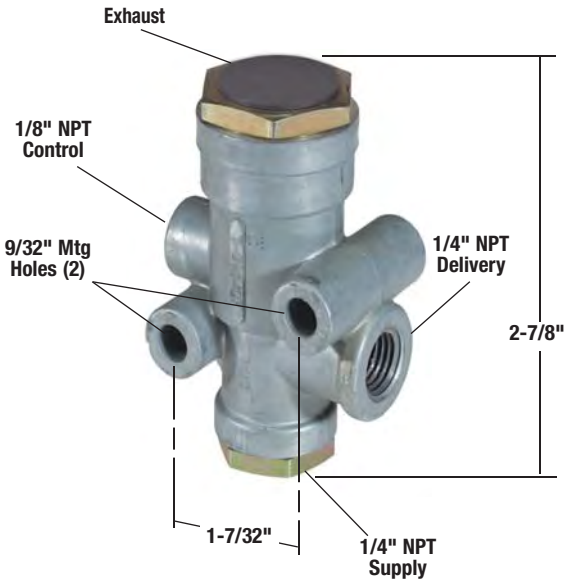
V.M.R.S. 13-010-047

SD-03-4650

NOTE: With common control & supply pressure, inlet opens at "A" descending pressure and exhaust opens at "B" ascending pressure.

Reman. Exch. Pc. No.	Service New Pc. No.	A (psi)	B (psi)
—	280758N	45	60
281318RX	281318N	35	70
281459RX	281459N	25	40
*101450RX	*101450N	25	40

*Special-Duty Bus Application

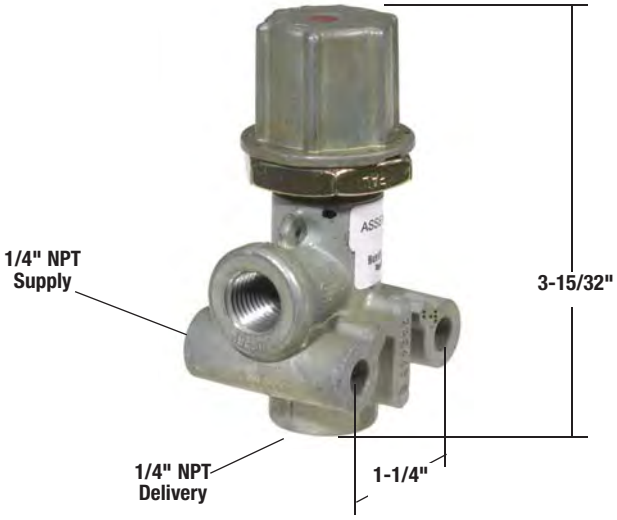


Bendix® PR-2™ Pressure Protection Valve

V.M.R.S. 13-010-044
SD-03-2010

With Adjustable Pressure Setting.

Reman. Exch. Pc. No.	Service New Pc. No.	Nominal Closing Pressure (psi)	Comments
277147RX	277147N	65	—
277148RX	277148N	85	—
—	277222N	95	—
277226RX	277226N	60	—
—	277227N	75	—
—	279505N	65	w/lockwire
—	281467N	50	—
—	282517N	60	w/lockwire



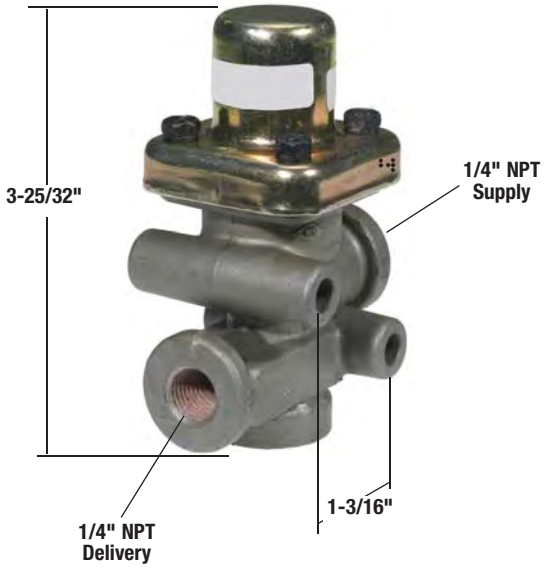
Bendix® PR-3™ Pressure Protection Valve

• Maintenance Kit Pc. No.

V.M.R.S. 13-010-044
SD-03-2010

Fixed Pressure Setting.

Service New Pc. No.	Opening Pressure (psi)	Nominal Closing Pressure (psi)
065211	92-98	—
065436	—	71–79
101275N	—	70
286460N	—	60
801624	100–106	90



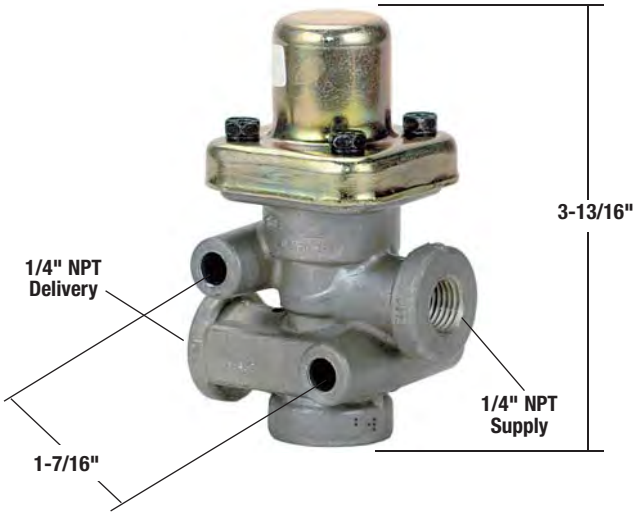
Bendix® PR-4™ Pressure Protection Valve

• Maintenance Kit Pc. No. 287366
(Note: Not for use with Pc. No. 103976N)

V.M.R.S. 13-010-044
SD-03-2010

Fixed Pressure Setting.

Reman. Exch. Pc. No.	Service New Pc. No.	Nominal Closing Pressure (psi)	Supply & Delivery Ports
286500RX	286500N	85	1/4"
288323RX	288323N	70	1/4"



Bendix® Single Check Valves

• Bendix® SC-3™ valves replace both the Bendix® SC-1™ and SC-2™ valves

V.M.R.S. 13-010-013

SD-03-2205

Single Check Valve: Female inlet – Female outlet		
A	B	Service New Pc. No.
1/4"	1/4"	801144
1/2"	1/2"	800370
3/4"	3/4"	800369

Single Check Valve: Female inlet – Male outlet		
A	B	Service New Pc. No.
1/4"	1/8"	800374
1/4"	1/4"	800375
3/8"	3/8"	800373
1/2"	1/2"	800372

Single Check Valve: Female inlet – Male outlet		
A	B	Service New Pc. No.
1/2"	1/2"	K112234

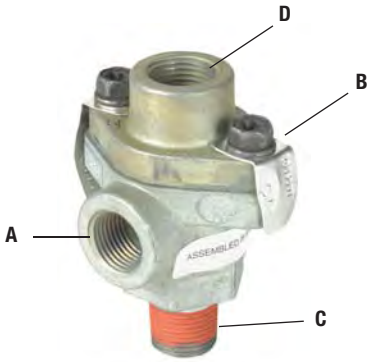
Composite Single Check Valve: Female inlet – Male outlet		
A	B	Service New Pc. No.
1/2" PTC	1/2"	K114066

Bendix® Double Check Valves

V.M.R.S. 13-010-092

SD-03-2202

Service New Pc. No.	Pipe Thread Dimensions		
	A	B	C
278614N	3/8"	3/8"	3/8"
278615N	1/4"	1/4"	1/4"



Service New Pc. No.	Pipe Thread Dimensions			
	A	B	C	D
278595N	1/4"	1/4"	1/2"	1/4"
278596N	3/8"	3/8"	1/2"	1/4"
278597N	1/4"	1/4"	3/8"	1/4"
278598N	3/8"	3/8"	3/8"	1/4"
280809N	3/8"	3/8"	3/8"	3/8"

The name says it all.

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9	to Repeat the Menu
0	for a Bendix Operator

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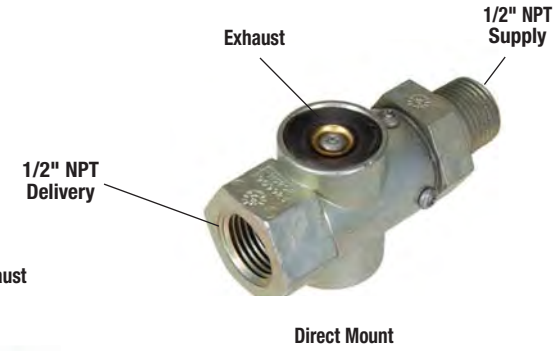
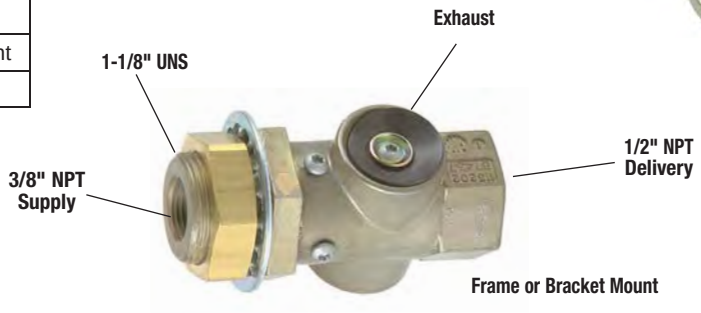
Bendix® QR-L™ Inline Quick Release Valve

V.M.R.S. 13-010-008

i SD-03-906

Service New Pc. No.	Comments
800332	Frame or Bracket Mount
800333	Direct Mount

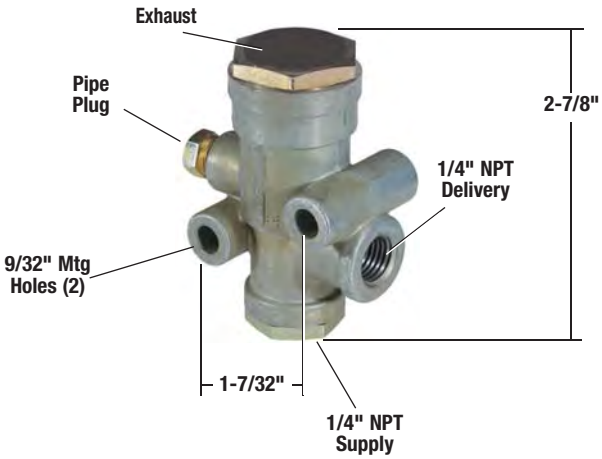




Bendix® RV-3™ Pressure Reducing Valve

i SD-03-3515

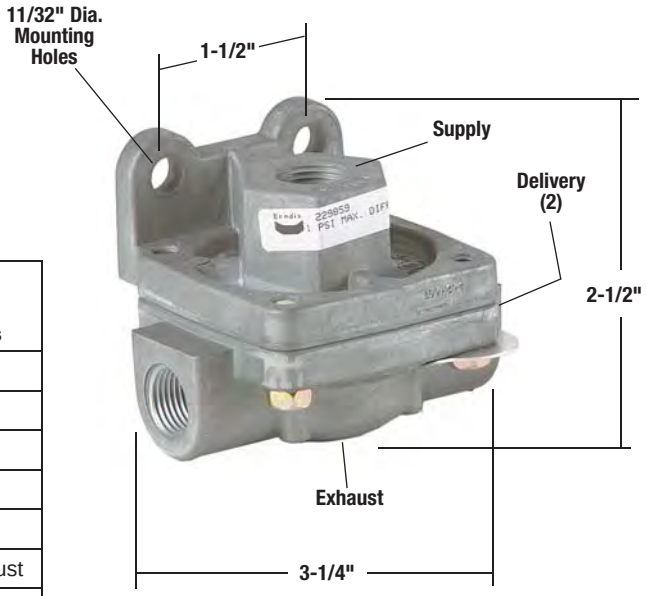
Service New Pc. No.	Delivery Pressure (psi)
101837N	85
107154N	44
K028994	37



Bendix® QR-1® Quick Release Valve

- Available Remanufactured Exchange
- Use maintenance kit piece no. 260519 to convert 0 psi crack pressure valves to 1 psi

V.M.R.S. 13-010-008
SD-03-901

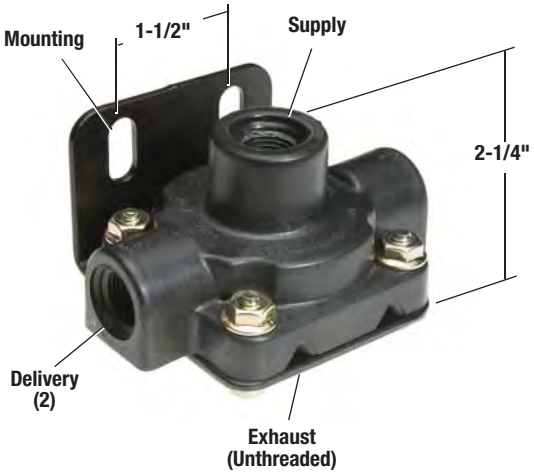


Reman. Exch. Pc. No.	Service New Pc. No.	Supply Port (PT)	Delivery Ports (PT)	Crack Pressure (psi)	Comments
229813RX	229813N	3/8"	1/4"	0	
229844RX	229844N	1/2"	1/4"	0	
229859RX	229859N	3/8"	3/8"	0	
229860RX	229860N	1/2"	3/8"	0	
281024RX	281024N	1/4"	1/4"	0	
288251RX	288251N	3/8"	3/8"	0	3/8" PT Exhaust
278483RX	278483N	1/2"	3/8"	5-8	
–	102344N	3/8"	3/8"	10-16	
289525RX	289042N	3/8"	1/4"	1 max	w/Insert
289525RX	289525N	3/8"	3/8"	1 max	w/Insert

Bendix® QRN™ Quick Release Valve

- Maintenance Kit 104463

V.M.R.S. 13-010-008
SD-03-905



Service Part No.	Mounting Hole or Slot	Differential Pressure (psi)	Supply Port*	Delivery Port*
802741	.34" Dia	5-8	3/8" PT	3/8" PT
802742	.34" Dia	5-8	1/2" PT	3/8" PT
802743	.34" Dia	1 Max	3/8" PT	3/8" PT
802744	Slot .75 x .34 in	1 Max	3/8" PT	3/8" PT
802745	.34" Dia	1 Max	1/2" PT	3/8" PT
803074	Slot .75" x .34"	2-4.5	3/8" PT	3/8" PT
803075	Slot .75" x .34"	2-4.5	1/2" PT	3/8" PT
803076	Slot .75" x .34"	4.5-7.5	3/8" PT	3/8" PT
803077	Slot .75" x .34"	4.5-7.5	1/2"-14 PT	3/8" PT
K049775	Slot .75" x .34"	0	1/2" PTC	1/2" PTC
K049776	Slot .75" x .34"	0	1/2" PT	3/8" PT
K049777	Slot .75" x .34"	0	3/8" PT	3/8" PT

*PTC - Push-To-Connect Fittings

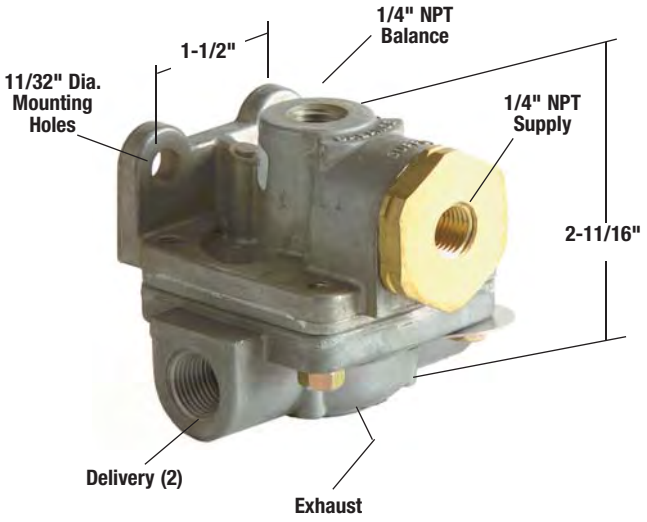
Silencer Kit Complete (Adapter & Silencer)	Silencer Adapter	Silencer
K028796	K023669	K028795

Bendix® QR-1C® Quick Release Valve

- Available Remanufactured Exchange
- Use maintenance kit piece no. 260519 to convert 0 psi crack pressure valves to 1 psi

V.M.R.S. 13-010-008
SD-03-904

Reman. Exch. Pc. No.	Service New Pc. No.	Delivery Port (NPT)	Exhaust Port (NPT)	Crack Pressure (psi)
289182RX	289182N	1/4"	–	0
289714RX	289714N	3/8"	–	0
–	107881N	3/8"	1/2" w/ Silencer	0
–	800539	3/8"	–	1 Max
–	109094N	3/8"	–	5-8

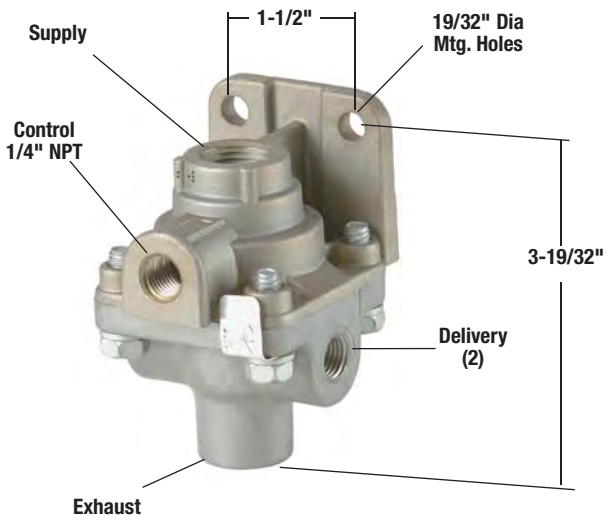


Bendix® LQ-2™ Limiting and Quick Release Valve

- Available Remanufactured Exchange
- Maintenance Kit 282098N

V.M.R.S. 13-010-008
SD-03-950

Reman. Exch. Pc. No.	Service New Pc. No.	Supply Port (NPT)	Delivery Port (NPT)	Exhaust Port (NPT)
229505RX	229505N	3/8"	3/8"	–
229507RX	229507N	1/2"	1/4"	–
229509RX	229509N	3/8"	1/4"	–
288417RX	288417N	3/8"	3/8"	3/8"

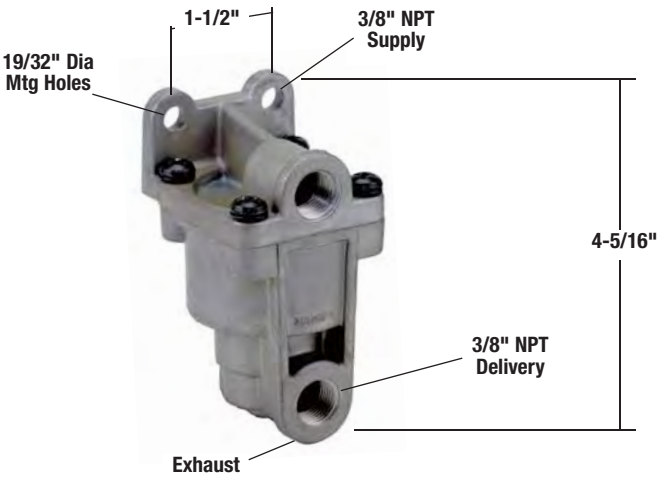


Bendix® LQ-4™ Front Axle Ratio Valve

- Available Remanufactured Exchange
- Maintenance Kit 289500N

V.M.R.S. 13-010-034
SD-03-951

Reman. Exch. Pc. No.	Service New Pc. No.	Nominal Hold Off Pressure (psi)	Nominal Equalizing Pressure (psi)
101311RX	101311N	20	70
289144RX	289144N	4	60
289148RX	289148N	10	65



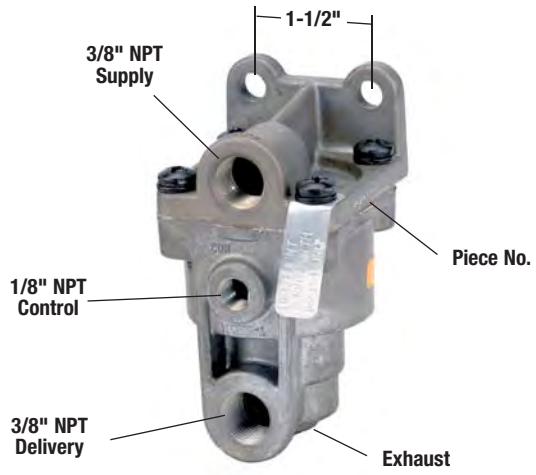
Bendix® LQ-5™ Bobtail Limiting Valve

- Available Remanufactured Exchange
- Maintenance Kit 107195

V.M.R.S. 13-010-010

SD-03-953

Reman. Exch. Pc. No.	Service New Pc. No.
065154RX	065154



Bendix® BP-1™ Air Brake Proportioning Valve

- BP-1™ Air Brake Proportioning Valve Front Maintenance Kit 104710
- BP-1™ Air Brake Proportioning Valve Rear Maintenance Kit 104711

SD-03-952

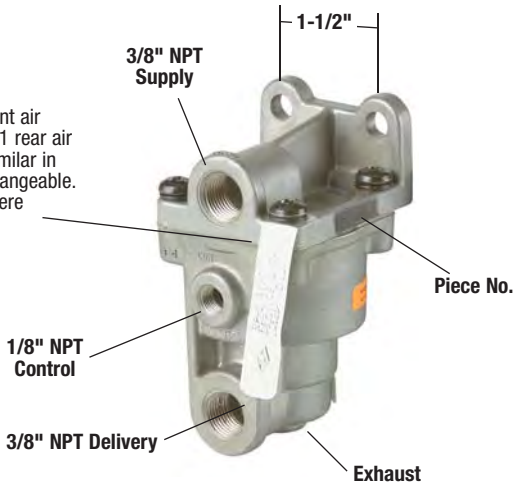
V.M.R.S. 13-010-222

Front Service New Pc. No.	Nominal Hold Off Pressure (psi)	Nominal Equalizing Pressure (psi)
104598N	4	50

V.M.R.S. 13-010-222

Rear Service New Pc. No.	Nominal Inshot Pressure (psi)	Nominal Equalizing Pressure (psi)
106284	8	105

Caution: The Bendix® BP-1™ front air brake proportioning valve & BP-1 rear air brake proportioning valve are similar in appearance but are NOT interchangeable. Note identification tag located here



- Field Installation Kit **209924** (vehicles *with* front axle limiting)

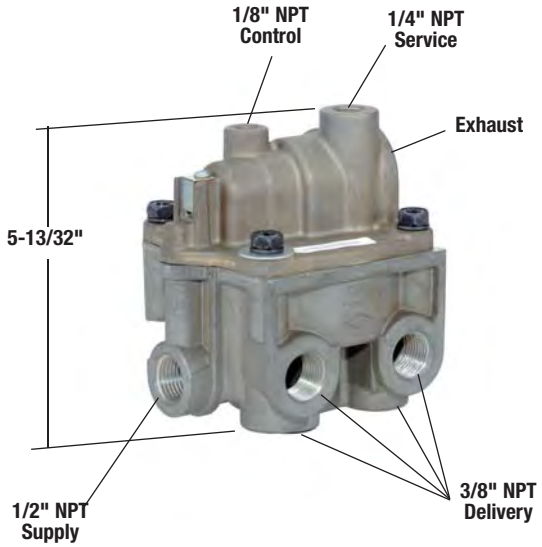
BP-R1® Bobtail Brake Proportioning Relay Valve

- Maintenance Kit 106932
- Universal Mounting Bracket 296010N furnished with Exchange Valve

V.M.R.S. 13-010-222

SD-03-1067

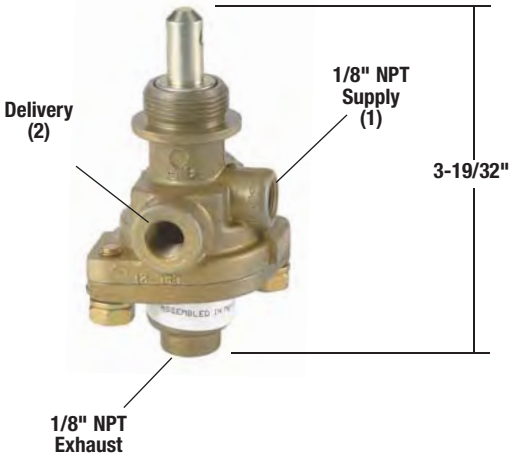
Reman. Exch. Pc. No.	Service New Pc. No.	Crack Pressure
065145RX	065145N	4
065146RX	065146N	5.5



Bendix® PP-1® Control Valve

- Available Remanufactured Exchange
- Maintenance Kit 281126N
- Button and Mounting Nut not furnished with Exchange Valve - common Pc. No. 239357
- Typical Button (Yellow) and Pin Kit Pc. No. 102087N
- Typical Mounting Nut Pc. No. 239357N

V.M.R.S. 13-010-016
SD-03-3611



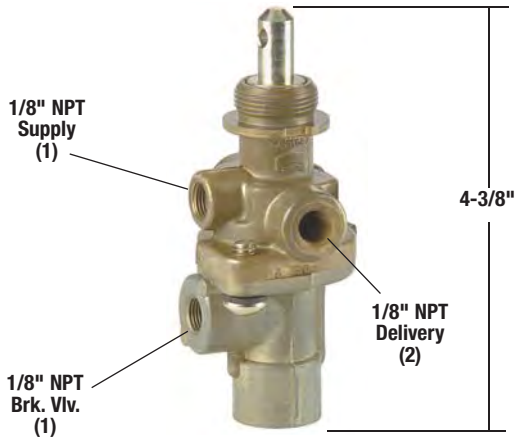
Reman. Exch. Pc. No.	Service New Pc. No.	Automatic Release Pressure (psi)	Delivery Port (NPT)
276566RX	276566N	20	1/8"
276567RX	276567N	40	1/8"
278450RX	278450N	–	1/8"
*281587RX	–	40	1/8"
283828RX	283828N	60	1/8"
287417RX	287417N	30	1/4"
287600RX	287600N	40	1/4"

*Remote controlled

Bendix® PP-2™ Control Valve
(Pressure Balanced)

- Available Remanufactured Exchange
- Maintenance Kit 281127N
- Button and Mounting Nut not furnished with Exchange Valve

V.M.R.S. 13-010-104
SD-03-3611

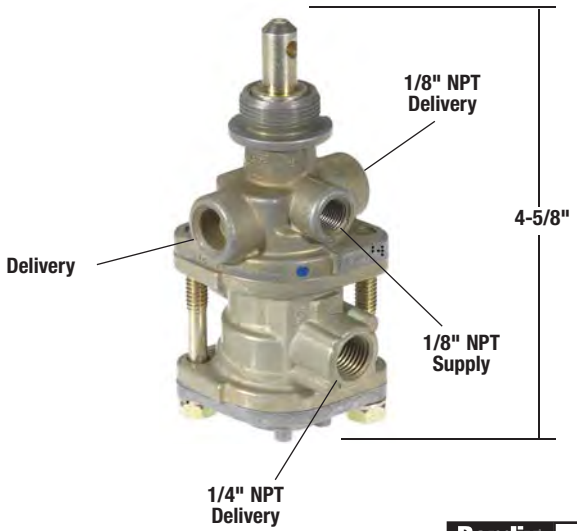


Reman. Exch. Pc. No.	Service New Pc. No.	Automatic Release Pressure (psi)
276462RX	276462N	40

Bendix® PP-3™ Control Valve
(Automatic Tripper)

- Available Remanufactured Exchange
- Maintenance Kit 280857N
- Button and Mounting Nut not furnished with Exchange Valve

V.M.R.S. 13-010-016
SD-03-3613



Reman. Exch. Pc. No.	Service New Pc. No.	Delivery (NPT)
†*279787RX	†*279787	None
288746RX	288746N	None
289477RX	289477	1/8"
*289512RX	–	1/8"

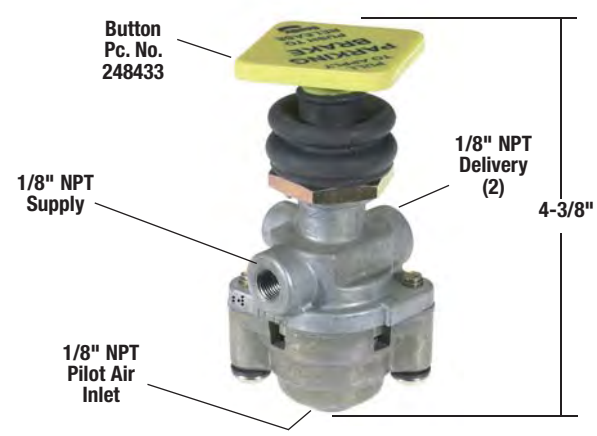
Tripper Exhausts at 30 psi & Charges above 50 psi. Plunger Trips at 40 psi and Charges Manually.

*Remote Controlled
†Mounting Nut Furnished

Bendix® PP-5™ Control Valve
(With Pilot Air Release)

- Maintenance Kit 281949
- Button is Furnished with Valve Pc. No. 284744N

V.M.R.S. 13-010-104
SD-03-3611



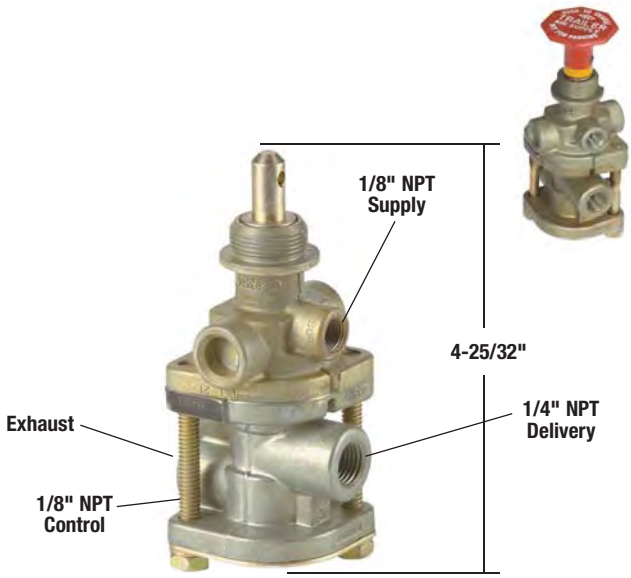
Service New Pc. No.	Automatic Release Pressure (psi)
281946N	40
284744N	Manual

Bendix® PP-7™ Trailer Supply Valve

- Available Remanufactured Exchange
- Maintenance Kit 287367
- Button and Mounting Nut not furnished with Exchange Valve
- Typical Button (Red) Pc. No. 291624N
- Typical Mounting Nut Pc. No. 239357N

V.M.R.S. 13-010-016
SD-03-3617

Automatic Release Pressure 40 psi

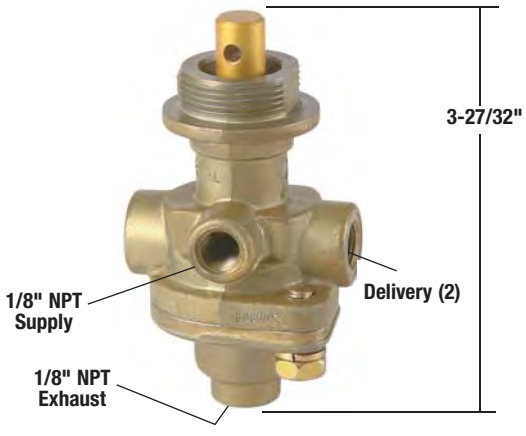


Reman. Exch. Pc. No.	Service New Pc. No.	Comments
288239RX	288239N	–
288241X	106113	1/4" Exhaust (NPT)
288242RX	288242	Remote Controlled

Bendix® PP-8™ Control Valve

- Available Remanufactured Exchange
- Button and Mounting Nut not furnished with Exchange Valve

V.M.R.S. 13-010-104
SD-03-3611



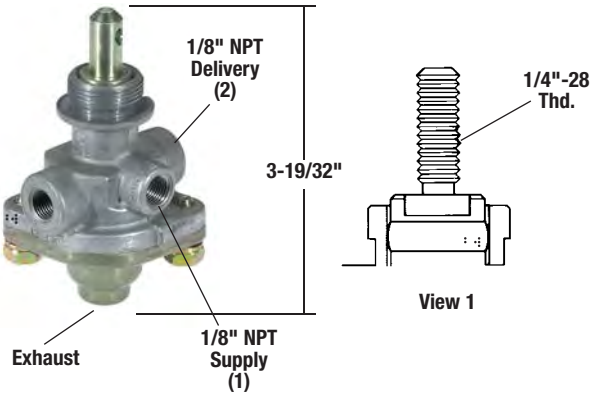
Reman. Exch. Pc. No.	Service New Pc. No.	Delivery Port (NPT)
287238RX	287238N	1/8"
287418RX	287418N	1/4"

Bendix® RD-3™ Push Type Control Valve

- Available Remanufactured Exchange
- Maintenance Kit 281126N
- Button not furnished with Exchange Valve, Roll Pin Furnished

V.M.R.S. 13-010-104
SD-03-3611

Service New Pc. No.	Comments
286211N	–
104644	See View 1



Bendix® E-Z-Grip® Soft Button Cover

Service New Pc. No.	Button Shape	Description
801526	◇	Fits Bendix® MV-3®/PP-DC® Valve Style
801593	◇	Fits Bendix® PP-1® Valve Style
802123	⬡	Fits Bendix® PP-7™ Valve Style
802124	⬡ and ◇	Contains both Bendix® MV-3® Button Covers

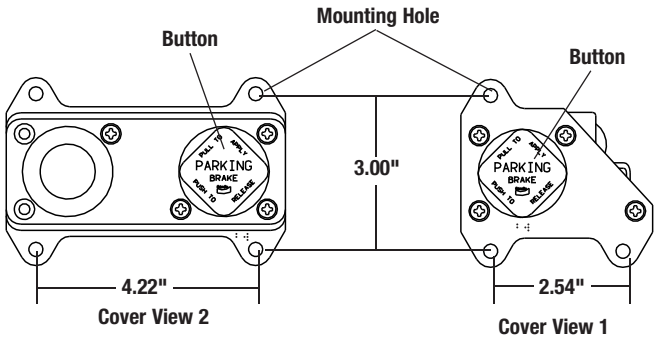
Button not included

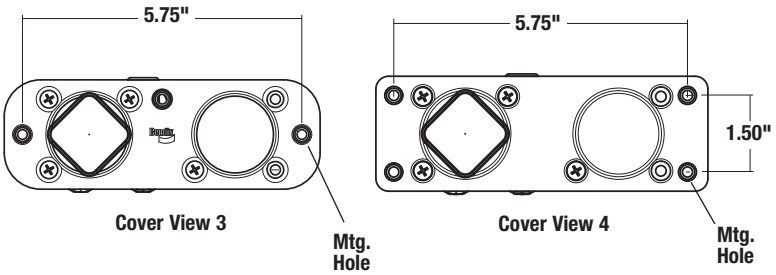
Bendix® PP-DC® Control Valve

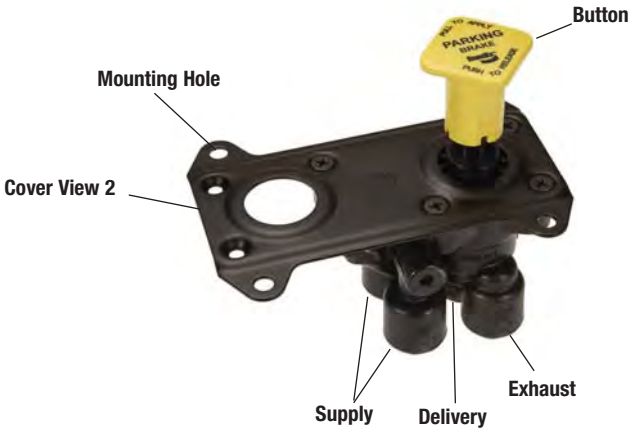
• Maintenance Kit 5006939

V.M.R.S. 13-101-017

SD-03-3619







Service Pc. No.	Cover View	Mounting Holes	Port Type*
065643	2	.27" Dia.	3/8" PTC
065661	1	1/4-20 Thread	3/8" PTC
065690	1	.27" Dia.	3/8" PTC
800034	2	.27" Dia.	1/4" NPT
800142	1	1/4-20 Thread	1/4" NPT
800309	3	M6 x 1-6H	3/8" PTC
800620	4	M8 x 1-6H	3/8" PTC
800841	2	M6 x 1-6H	3/8" PTC
801315	2	.27" Dia.	3/8" PTC Elbow

*PTC - Push-To-Connect Fittings

⚠ WARNING

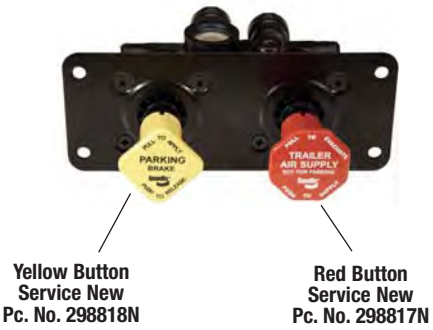
The exhaust port may contain a composite (non-metallic) fitting. This fitting does not meet Department of Transportation (DOT) standards for pressurized air lines and is for non-pressurized exhaust air lines only. Installing a Bendix® PP-DC® control valve that contains this fitting in an application that uses pressurized air in this port could cause a sudden application of the parking brakes.

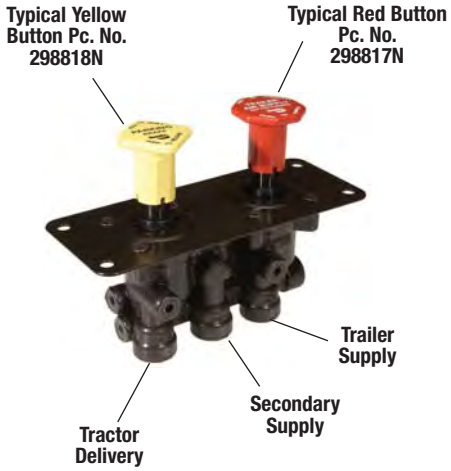
Bendix® MV-3® Control Module

- Maintenance Kit 5002741
- Shuttle Kit 5002742

V.M.R.S. 13-010-112

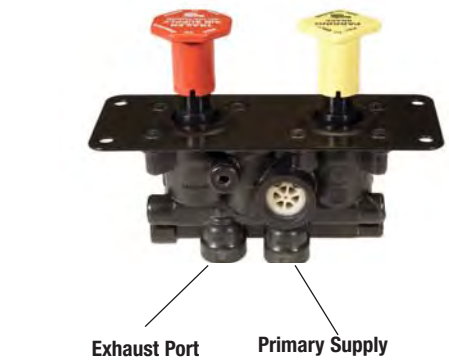
SD-03-3415

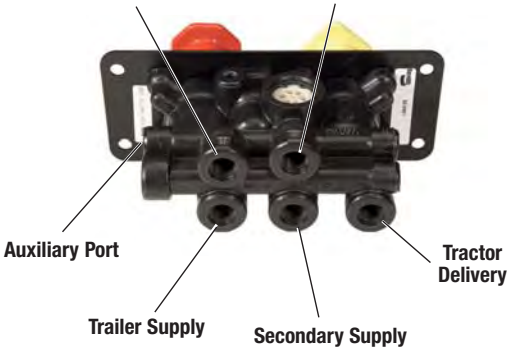


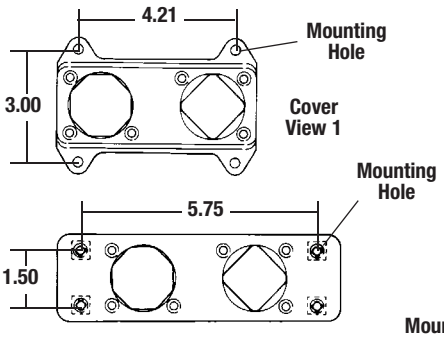


Service New Pc. No.	Replaces	Cover View	Mounting Hole	Auxiliary Port	Port Type*
800257	065523	1	.28" Dia.	–	3/8" PTC
800259	800036	1	1/4-20 Thread	–	3/8" PTC
800260	–	1	M5 x .8-6H Thread	–	3/8" PTC
800445	–	2	.27" Dia.	–	1/4" NPT
800516	065157	1	.28" Dia.	–	1/4" NPT
	065697				
800517	065159	1	#10-24 Thread	–	1/4" NPT
	065379				
800518	065160	1	.28" Dia.	1/8" NPT	1/4" NPT
800519	065186	1	1/4-20 Thread	–	1/4" NPT
800521	065192	3	1/4-20 Thread	–	1/4" NPT
800522	065208	1	M6 x 1-6H Thread	1/8-27	1/4" NPT
800523	065248	1	#10-24 Thread	–	1/4" NPT
800573	065187	1	1/4-20 Thread	–	1/4" NPT
801631	5012393	4	.20" Dia	–	3/8" PTC Elbow
K031485	K031484	1	1/4-20 Thread	–	3/8" PTC Elbow

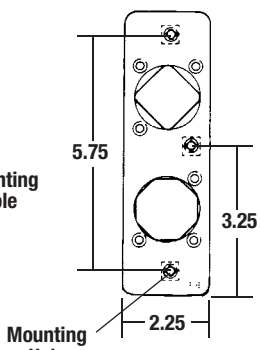
*PTC - Push-To-Connect Fittings



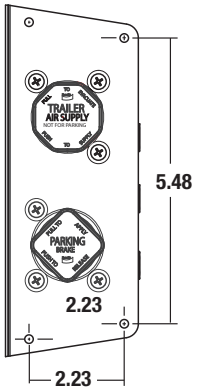




Cover View 2



Cover View 3



Cover View 4

WARNING

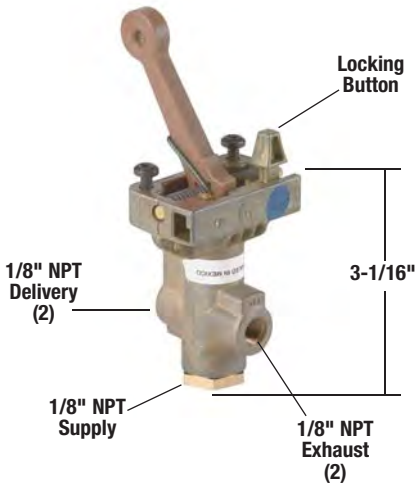
The exhaust port may contain a composite (non-metallic) fitting. This fitting does not meet Department of Transportation (DOT) standards for pressurized air lines and is for non-pressurized exhaust air lines only. Installing a Bendix® MV-3® control valve that contains this fitting in an application that uses pressurized air in this port could cause a sudden application of the parking brakes.

Bendix® MV-3® Valve with Push-to-Connect Fittings

Bendix® TC-4™ Modulating Control Valve
(With Lever Latch)

- Available Remanufactured Exchange
- Dial Plate not furnished with Exchange Valve

V.M.R.S. 13-010-104
SD-03-4503

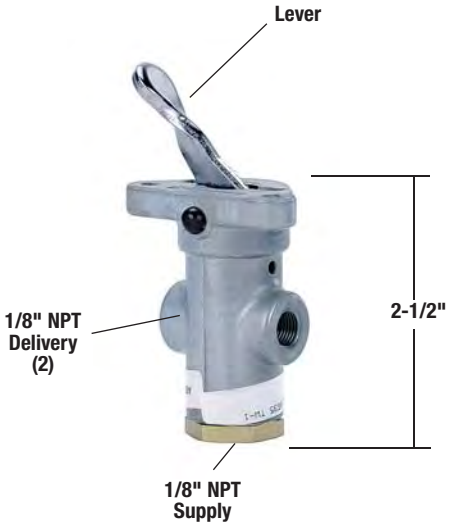


Reman. Exch. Pc. No.	Service New Pc. No.	Locking Button Position	Delivery Pressure (psi)	Comments
282368RX	282368N	LEFT	86-100	–
–	282382N	LEFT	86-100	Includes Dial Plate

Bendix® TW-1™ Control Valve

- Available Remanufactured Exchange
- Dial Plate not furnished with Exchange Valve

V.M.R.S. 13-016-016
SD-03-3602



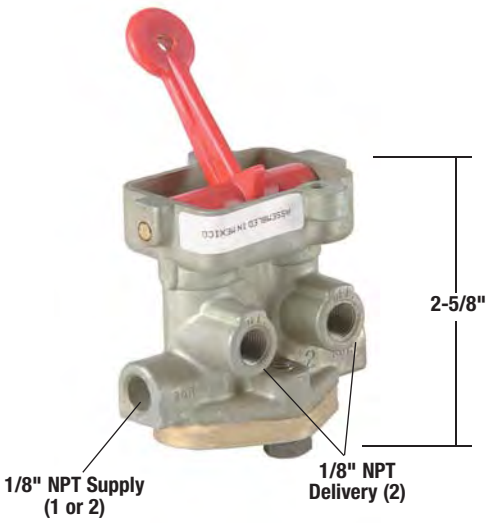
Reman. Exch. Pc. No.	Service New Pc. No.	Lever Material and Finish
228729RX	228729N	Zinc-Chrome
229635RX	229635N	Steel-Chrome
277516RX	277516N	Nylon-Black

Bendix® TW-2™ & TH-3™ Control Valve

(TW-2 Control Valve Two Lever Positions)
(TH-3 Control Valve Three Lever Positions)

- Available Remanufactured Exchange
- Maintenance Kit 282391
- Dial Plate not furnished with Exchange Valve

Service New TW-2™ Control Valve Pc. No.	Service New TH-3™ Control Valve Pc. No.	Lever
280905N	280904N	Centering
–	281560N	Positioning

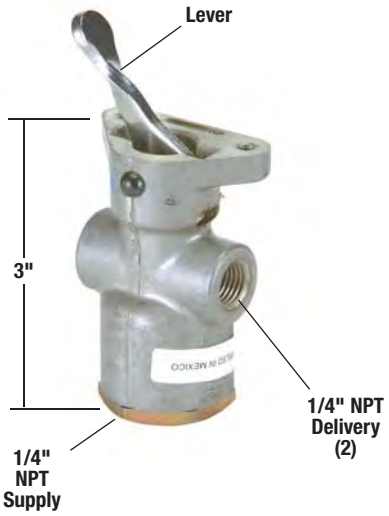


Bendix® TW-3™ Control Valve

- Available Remanufactured Exchange
- Dial Plate not furnished with Exchange Valve

V.M.R.S. 13-010-016
SD-03-3602

Reman. Exch. Pc. No.	Service New Pc. No.	Lever Material
225892RX	225892N	Zinc
228762RX	228762N	Steel
283040RX	283040N	Steel



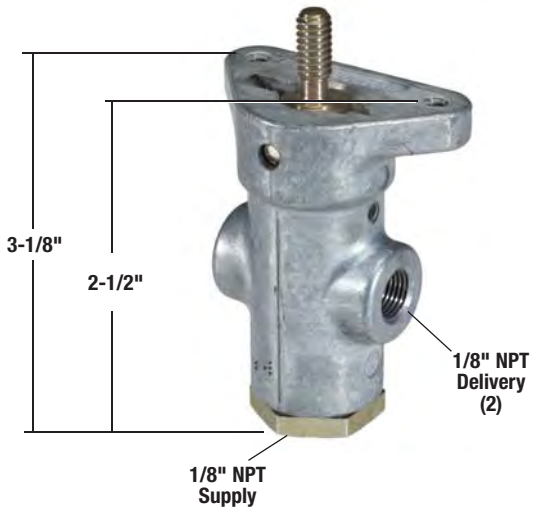
Bendix® TW-4™ Control Valve

- Available Remanufactured Exchange
- Refer to Master Parts Catalog for Button Pc. No.

V.M.R.S. 32-004-007

i SD-03-3602

Service New Pc. No.
276635N

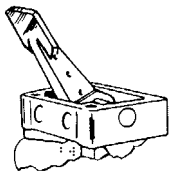


Bendix® TW-11™ Control Valve

- Used in conjunction with the Bendix® HR-1™ Hydraulic Relay Valve

Service New Pc. No.	Configuration
065356	Fig. B
065316	Fig. A

Fig. B



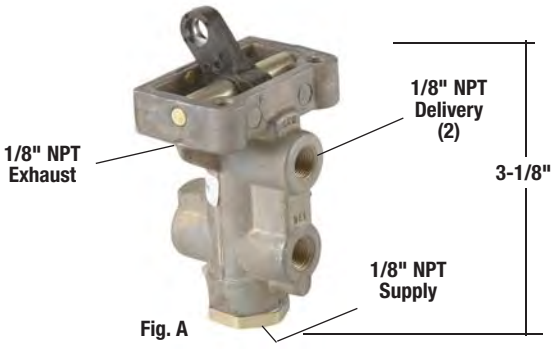


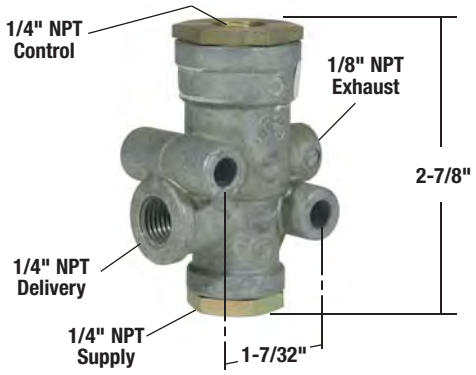
Fig. A

Bendix® SV-1™ Synchronizing Valve

SD-03-4020

Service New Pc. No.	A (psi)	B (psi)
278825N	42	28
282472N	21	11
283700N	62	50

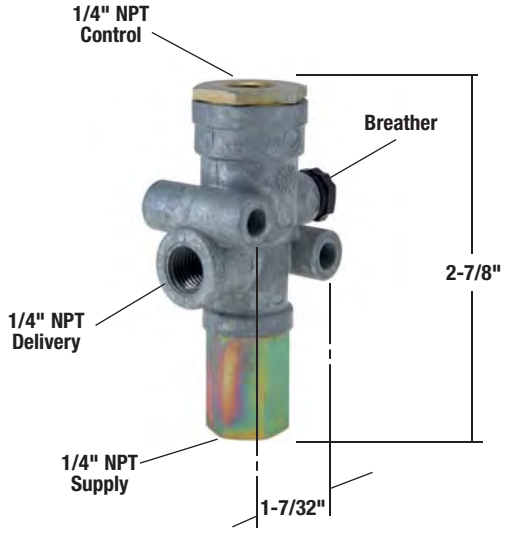
With Common Control & Supply Pressure, Inlet Opens at A and Exhaust Opens at B



Bendix® SV-4™ Trailer Release Valve

SD-03-4020

Service New Pc. No.	Breather Valve Size/Shape
108769N	9/16" 12 point

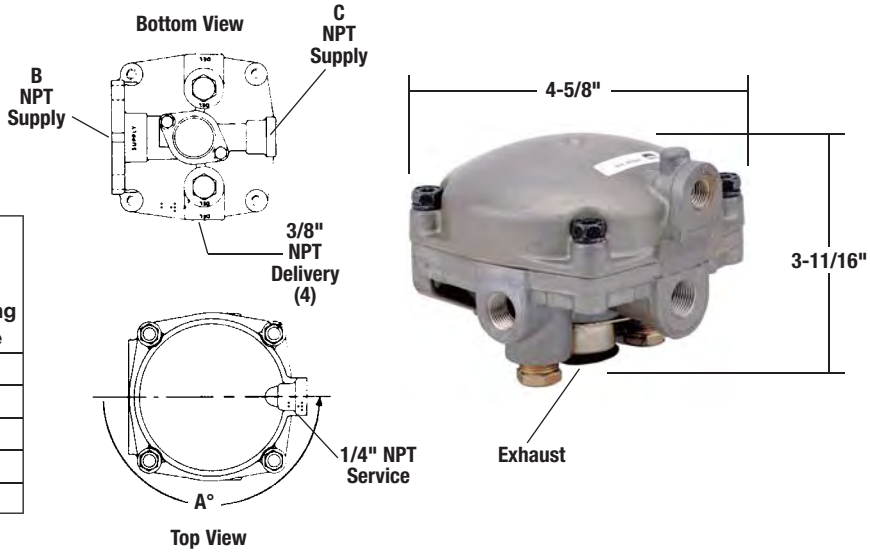


Bendix® R-6™ Relay Valve

- Available Remanufactured Exchange
- Maintenance Kit 280856N

V.M.R.S. 13-010-009
SD-03-1060

Reman. Exch. Pc. No.	Service New Relay Valve Pc. No.	A° Service Port Angle	B (NPT)	C (NPT)	Mounting Flange
–	279180N	180°	–	3/8"	2 Hole
279952RX	279952N	180°	3/4"	3/8"	2 Hole
280375RX	280375	90°	–	1/2"	2 Hole
279952RX	*280651N	180°	3/4"	3/8"	2 Hole
283940RX	283940N	270°	3/8"	3/8"	4 Hole



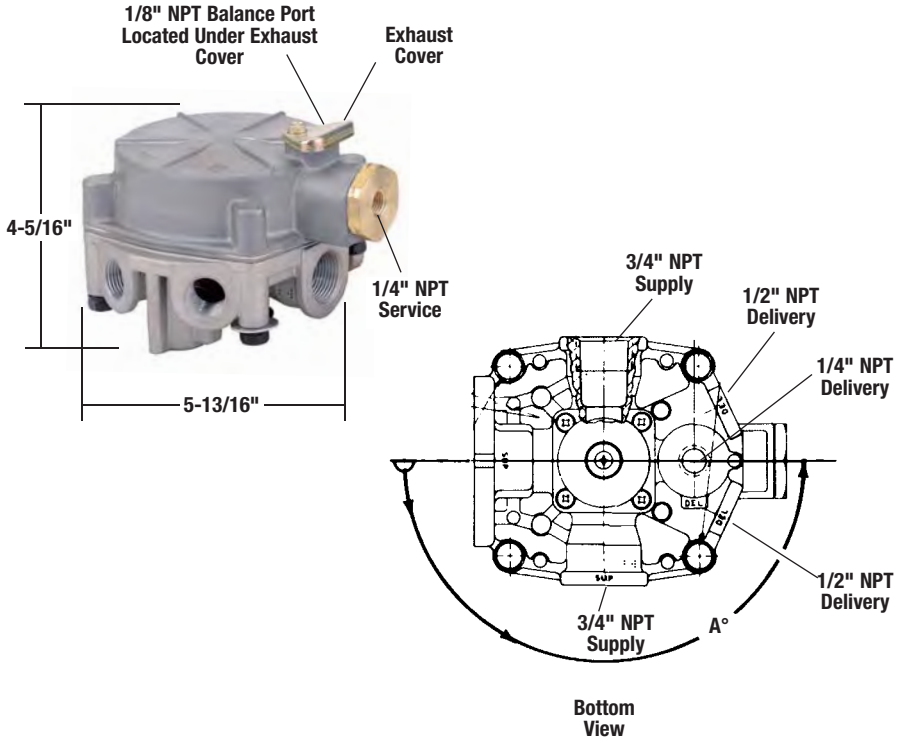
Crack Pressure 2 psi
*Pipe Plugs & Gasket Attached

Bendix® R-8™ Relay Valve

- Available Remanufactured Exchange
- Maintenance Kit 287370N

V.M.R.S. 13-010-009
SD-03-1061

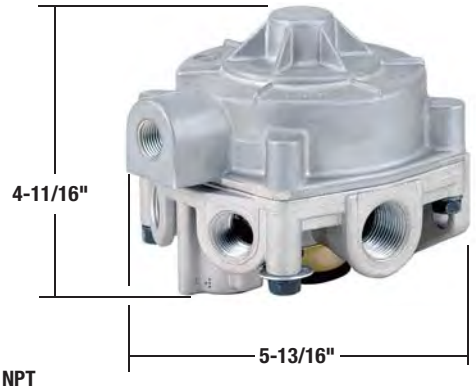
Reman. Exch. Pc. No.	Service New Pc. No.	A° Service Port Location	Comments
286370RX	286370N	90°	
286371RX	286371N	90°	No Exh. Cover
287260RX	287260N	180°	No Exh. Cover
288369RX	288369N	180°	
288781RX	288781	180°	Waterproof



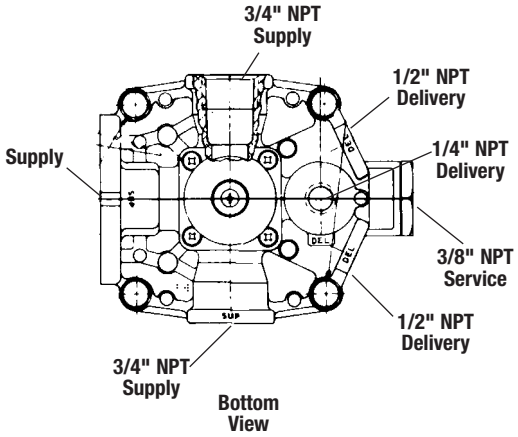
Bendix® R-8P™ Relay Valve

- Available Remanufactured Exchange
- Maintenance Kit 103799

V.M.R.S. 13-010-009
SD-03-1061A



Reman. Exch. Pc. No.	Service New Pc. No.	Comments
287114RX	287114N	–



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or call 1.800.AIR.BRAKE (1.800.247.2725) today.

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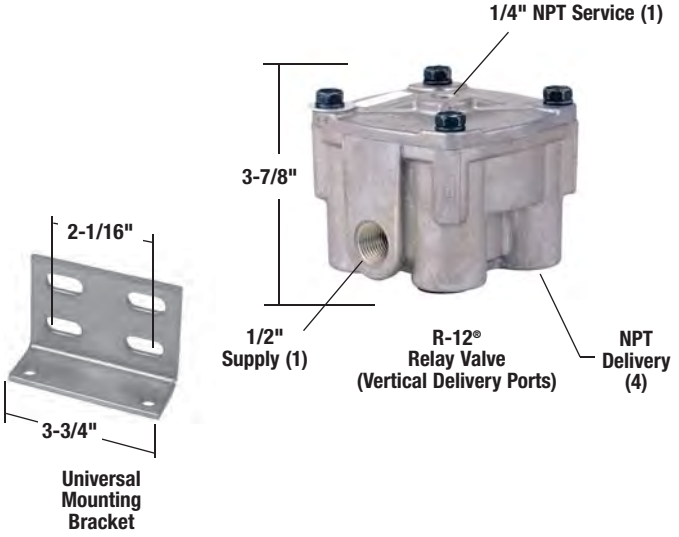
Bendix® R-12® Relay Valves

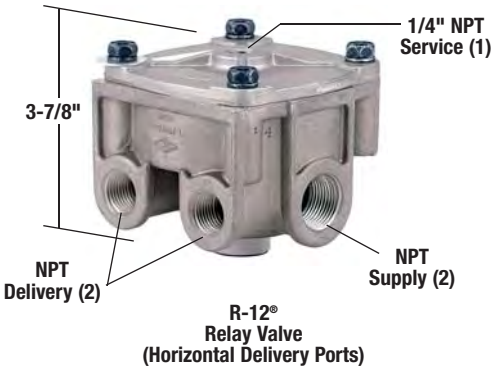
- Available Remanufactured Exchange
- All Universal Bendix R-12® and R-14® Relay Valves include Installation Instructions and a Universal Mounting Bracket as indicated.
- Field maintenance kit for R-12® and R-14® Relay Valves is Pc. No. 102802N.

V.M.R.S. 13-010-009
SD-03-1064



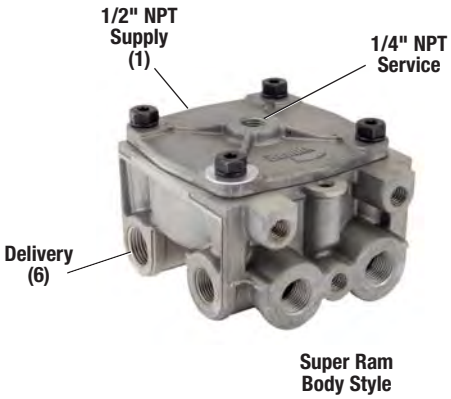
Vertical Delivery Ports

Reman. Exch. Pc. No.	Service New Pc. No.	Crack Pressure (psi)	Delivery (NPT)	Maint. Kit	Mounting Bracket
5003365X	065104	4	3/8"	102802N	296010N
–	065181	5.5	1/2"	102802N	296010N
102626RX	102626N	4	1/2"	102802N	296010N
103912RX	103912	7.5	1/2"	102802N	296010N
104561RX	–	5.5	3/8"	102802N	296010N
–	*800365	4	3/8"	102802N	296010N



Horizontal Delivery Ports

Reman. Exch. Pc. No.	Service New Pc. No.	Crack Pressure (psi)	Supply Port Size (NPT)	Maint. Kit	Mounting Bracket	Delivery (NPT)
–	065125	5.5	1/2"	102802N	296010N	1/2"
–	065309	4	1/2"	102802N	296010N	1/2"
–	065546	4	1/2"	109523	296010N	1/2"
103009RX	103009N	4	3/4"	102802N	296010N	1/2"
104165RX	–	7.5	3/4"	102802N	296010N	1/2"
–	800238	4	3/4"	102802N	N/A	1/2"
–	800305	4	1/2"	5002831	296010N	1/2"
–	*800366	5.5	1/2"	5004029	296010N	3/8"
–	*800365	4	1/2"	5004029	296010N	1/2"
–	801123	4	1/2"	5019003	N/A	3/8"
Super Ram Body Style						
–	803115	5.5	1/2"	5019003	N/A	1/2"

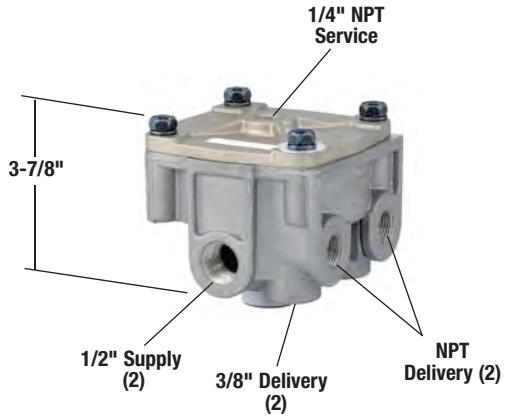


*Self-draining piston
PTC-Push-To-Connect Fittings

Bendix® R-12® Relay Valves (cont'd)

Two (2) Vertical & Horizontal Delivery Ports

Service New Pc. No.	Crack Pressure (psi)	Delivery Port Size	Maint. Kit	Mounting Bracket
065206	5.5	3/8" NPT	102802N	296010N
065303	4	3/8" NPT	102802N	296010N
800095	4	3/8" NPT	102802N	102846N**
800441	5.5	3/8" NPT	102802N	102846N**
800483	5.5	1/2" NPT	102802N	N/A
800484	5.5	1/2" NPT	102802N	296010N
800485	4	1/2" NPT	102802N	N/A
800486	4	1/2" NPT	102802N	296010N
800508	5.5	1/2" NPT	102802N	N/A

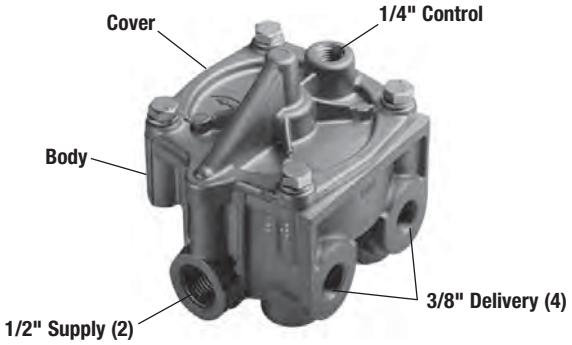


**Mounting bracket 102846N includes two 5/16" mounting studs.
PTC-Push-To-Connect Fittings

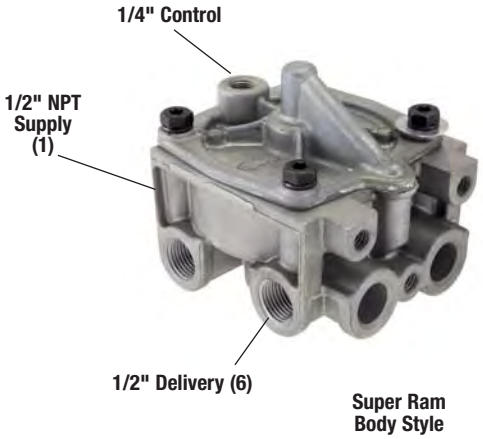
Bendix® R-12P™ Pilot Relay Valve

- Available Remanufactured Exchange
- Universal Mounting Bracket 296010 included
- Field Maintenance Kit 109265

V.M.R.S. 13-010-009
SD-03-1063

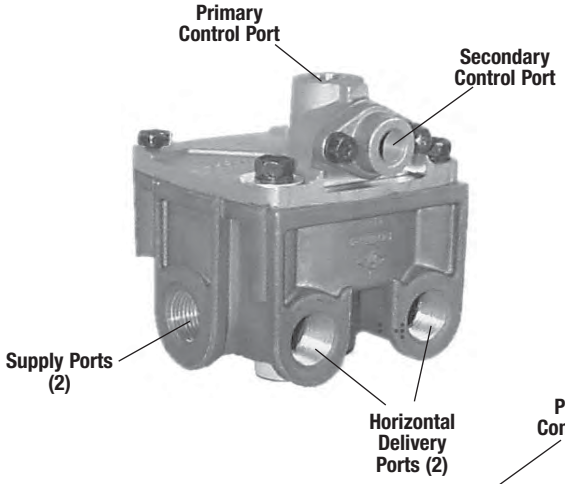


Service New Pc. No.	Reman. Exch. Pc. No.	Delivery (NPT)	Comments
065476	109264X	3/8"	
801742	—	1/2"	Super Ram Body Style



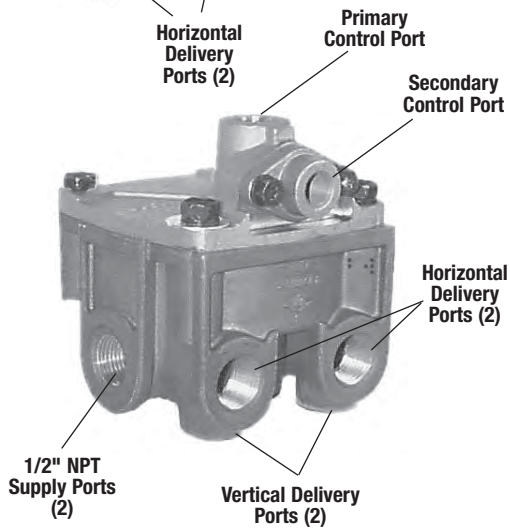
Bendix® R-12DC® Relay Valve with Biased Double Check

SD-03-1068



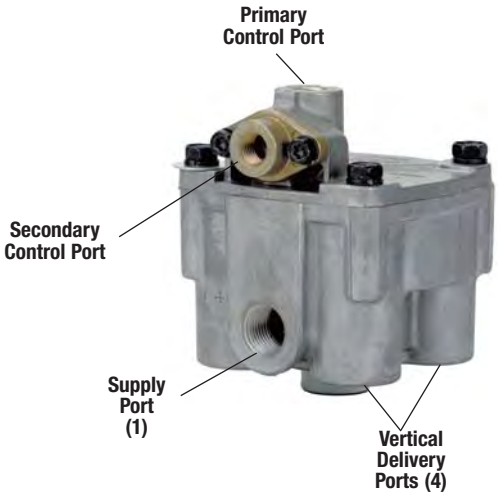
Bendix® R-12DC® Relay Valve with Two (2) Horizontal Delivery Ports

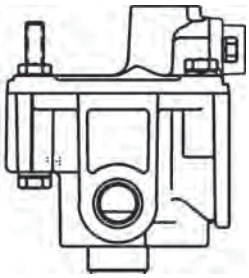
Service New Pc. No.	Crack Pressure PSI	Supply Ports NPT	Delivery Ports NPT	Bracket Pc. No. (Included)
800470	4	1/2"	1/2"	296010N
800471	5.5	1/2"	1/2"	294649N
800627	4	1/2"	1/2"	294649N



Bendix® R-12DC® Relay Valve with Two (2) Horizontal and Two (2) Vertical Delivery Ports

Service New Pc. No.	Crack Pressure PSI	Horizontal Delivery Ports NPT	Vertical Delivery Ports NPT	Bracket Pc. No. (Included)	Comments
800481	4	1/2"	3/8"	None	Mounting Studs
801305	4	1/2"	3/8"	102846N	
801381	5.5	1/2"	3/8"	102846N	
K065767	4	1/2"	3/8"	K023876	Bendix® AR1-DC™ valve replacement



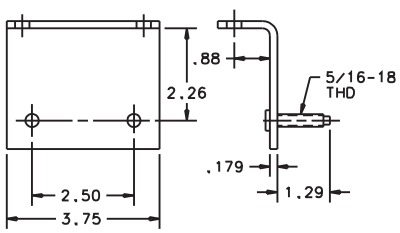


Pc. No. 800481

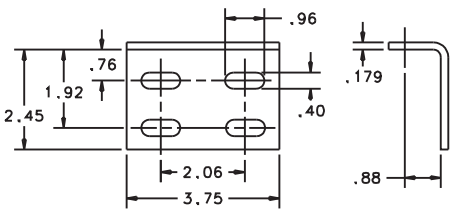
Bendix® R-12DC® Relay Valve with Four (4) Vertical Delivery Ports

Service New Pc. No.	Crack Pressure PSI	Vertical Delivery Ports (NPT)	Bracket Pc. No. (Included)
800477	4	1/2"	102846N
800479	4	1/2"	294649N

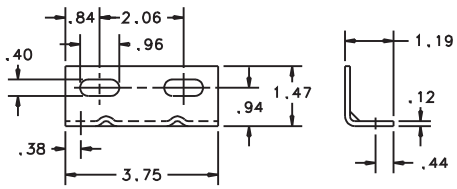
Mounting Bracket
Pc. No. 102846N



Mounting Bracket
Pc. No. 296010N



Mounting Bracket
Pc. No. 294649N



Bendix® R-14® Relay Valve

- Available Remanufactured Exchange
- Field Maintenance Kit for Bendix® R-12® & R-14® Relay Valve is Pc. No. 102802N
- Balance Port Diaphragm Kit - Pc. No. 5011455
- Silencer Kit Part No. K116858
- All Universal R-12® and R-14® Relay Valves Include Installation Instructions and a Universal Mounting Bracket Pc. No. 296010N

V.M.R.S. 13-010-009

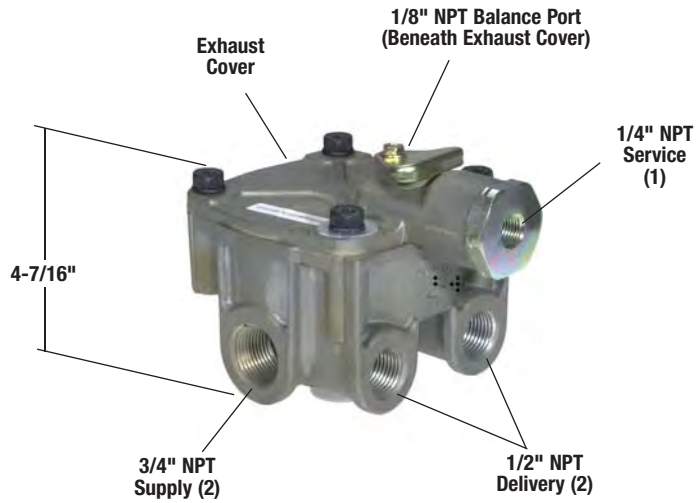
SD-03-1064

Reman. Exchange Pc. No.	Service New Pc. No.	Crack Pressure (psi)	Supply
Horizontal Delivery Ports			
103010RX	103010N	4	3/4"
103294RX	103294N	5.5	3/4"
103835X	103835	7.5	3/4"
–	104345	5	3/4"
104574RX	104574	4	1/2"
–	801629**	4	1/2"
Vertical Delivery Ports			
103028RX	103028N	4	1/2"
–	103833	7.5	1/2"
–	106313	5.5	1/2"
Vertical & Horizontal Delivery Ports*			
–	065430	4	1/2"
–	K065765***	4	1/2"

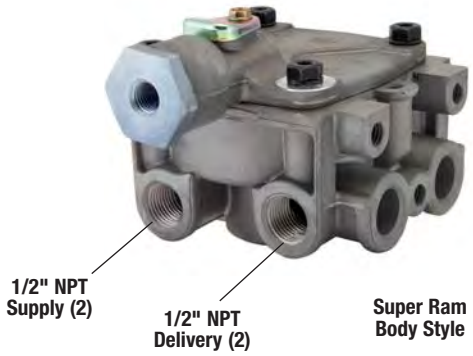
*Delivery ports two 3/8" & two 1/2"

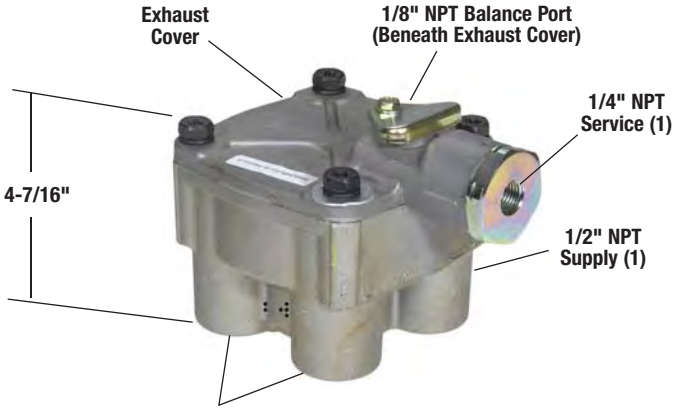
**Super Ram body style

***Replacement for Bendix® AR-1™ valve

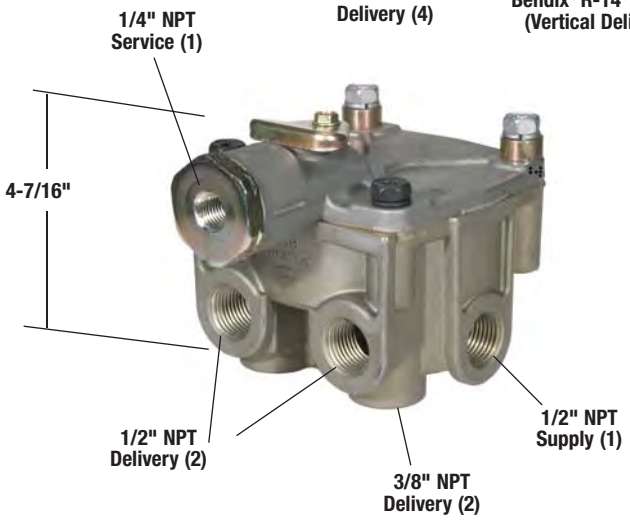


Bendix® R-14® Relay Valve (Horizontal Delivery Ports)





Bendix® R-14® Relay Valve (Vertical Delivery Ports)

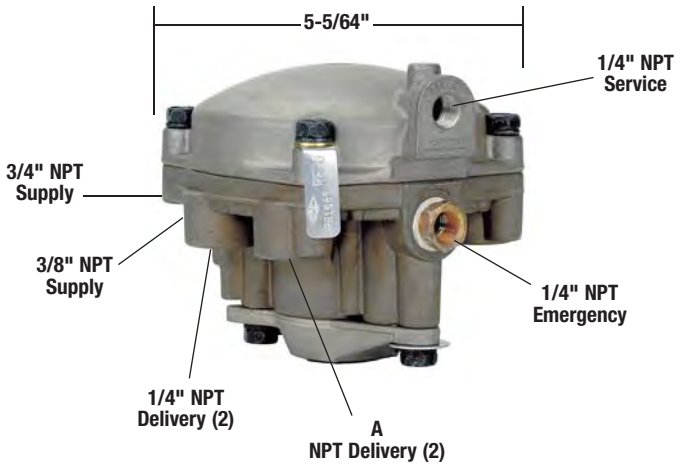


Bendix® R-14® Relay Valve (Horizontal & Vertical Delivery Ports)

Bendix® RE-6® & RE-6NC™ Relay Emergency Valves

- Available Remanufactured Exchange
- Maintenance Kits:
  282812 Complete Valve
  282813 Insert Only

V.M.R.S. 13-010-037
SD-03-1151



Reman. Exch. Pc. No.	Service New Pc. No.	Valve	A Delivery (NPT)
281865X	281865	RE-6® Relay Emergency Valve	3/8"
281860X	281860	RE-6 Relay Emergency Valve	1/4"
–	065451	RE-6NC™ Relay Emergency Valve	1/4"

The RE-6NC relay emergency valve must be used in conjunction with a Bendix® PR-3™ reservoir control valve.

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Bendix® ST-3™ Safety Valves

V.M.R.S. 13-010-073
SD-03-1901

See the Compressor section (01) of this catalog for Bendix® ST-4™ Safety Valves.

Bendix® ST-3™ Safety Valve

ST-3™ Safety Valve Pc. No.	Pipe Thread	Pressure Setting (psi)
284142	1/4"	150
284143	3/8"	150
285849	1/4"	175
285850	1/4"	75

Bendix® GC™ Spin-On Air Dryer Cartridge
Consistent Performance ~ Great Value

The Bendix GC (Green Cartridge) is the Aftermarket's first environmentally friendly spin-on cartridge. Built and tested by Bendix, the GC is designed to replace standard air dryer cartridges on older vehicles.

The performance you need, the value you want.
What else would you expect from Bendix?

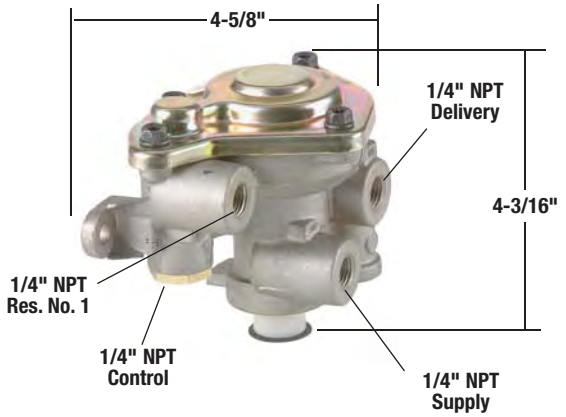
Talk to your Bendix representative or visit bendix.com to learn more.

Bendix® SR-1™ Spring Brake Valve

- Available Remanufactured Exchange
- Maintenance Kit 108123

V.M.R.S. 13-010-048
SD-03-4508

Reman. Exch. Pc. No.	Service New Pc. No.	Customer Identification	Reservoir Trip Pressure (psi)
286364RX	286364N	NONE	55
288063RX	288063N	IHC-459271-C92	30



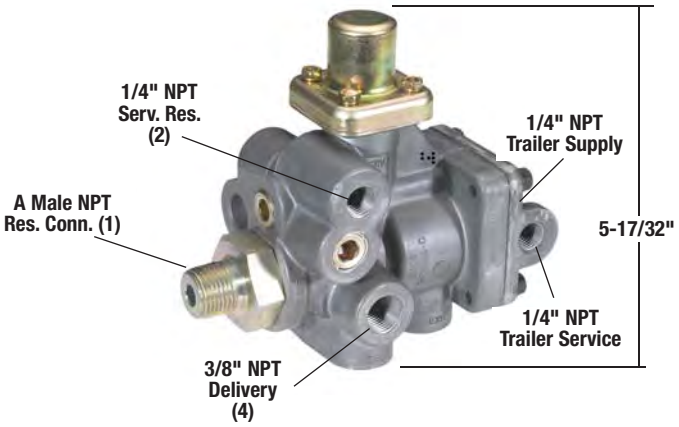
Bendix® SR-2™ Trailer Spring Brake Valve

- Available Remanufactured Exchange
- Maintenance Kit 287691

V.M.R.S. 13-010-048
SD-03-4510

Reman. Exch. Pc. No.	Service New Pc. No.	A NPT
*287376RX	*287376N	3/4"
102761RX	102761N	3/4"
103061RX	103061N	1/2"

***Does not have trailer service port for anti-compounding.**

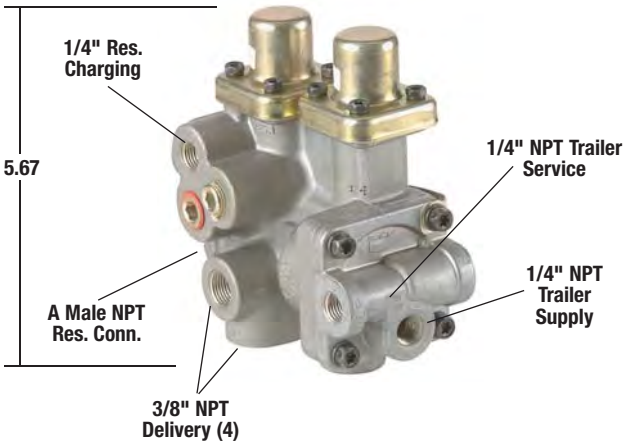


Bendix® SR-4™ Trailer Spring Brake Valve

- Maintenance Kit 108259

V.M.R.S. 13-010-111
SD-03-4514

Bendix® SR-4™ Trailer Spring Brake Valve Service New Pc. No.	Bendix® SR-5™ Trailer Spring Brake Valve Service New Pc. No.	A	Comments
K033233	065437	3/4" NPT	With Anti-Compounding
–	065439	1/2" NPT	

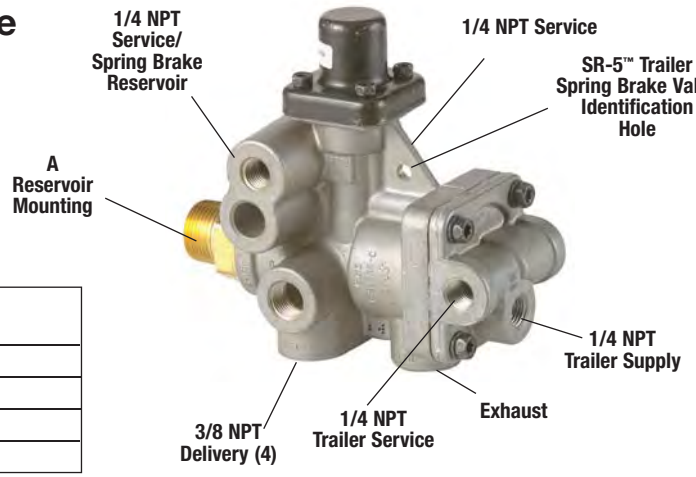


Bendix® SR-5™ Trailer Spring Brake Valve

• Maintenance Kit 109015

V.M.R.S. 13-010-048

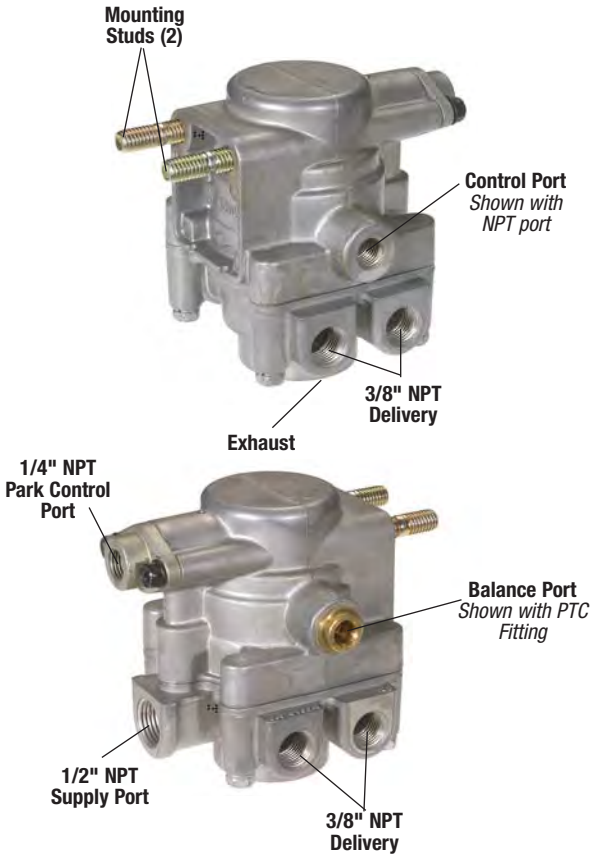
SD-03-4516



Reman. Exch. Pc. No.	Service New Pc. No.	A Male (NPT)	Comments
109615X	K033221	3/4"	With Anti-Compounding
109616X	K033222	3/4"	–
109617X	K033223	1/2"	With Anti-Compounding
109618X	K033224	1/2"	–

Bendix® SR-7® Spring Brake Modulating Valve

SD-03-9043

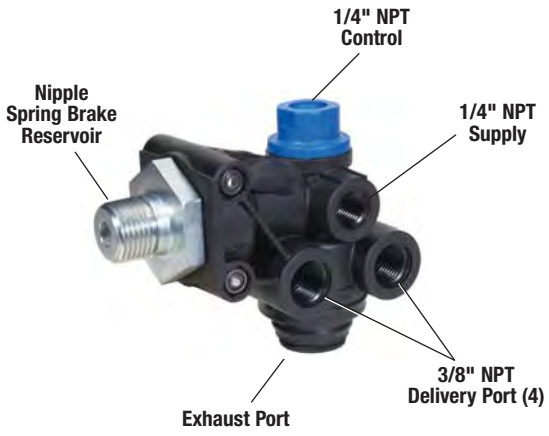


Service New Pc. No.	Mounting Stud		Control Port		Balance Port	
	Thd.	Length	Size*	Fitting	Size*	Fitting
K021557	3/8"-16	.94"	1/4" NPT	–	1/4" NPT	–
K021558	3/8"-16	.94"	3/8" NPT	Straight	3/8" NPT	Straight
K021559	3/8"-16	.94"	3/8" PTC	90°	3/8" PTC	Straight
K021560	M10	1.38"	3/8" PTC	90°	3/8" PTC	90°
K021562	–	–	1/4" NPT	–	1/4" NPT	–
K021563	–	–	3/8" PTC	Straight	3/8" PTC	Straight

*PTC - Push-To-Connect Fittings

Bendix® SRC-7000™ Trailer Spring Brake Valve

SD-03-4656



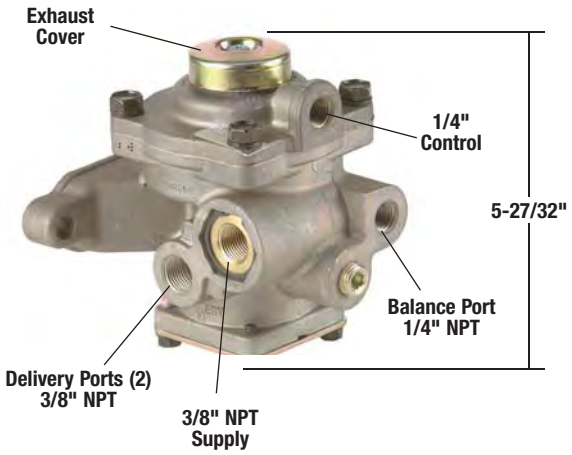
Service New Pc. No.	Mounting Nipple	Comments
K025778	1/2" NPT	Replaces Sealco® 110500

Bendix® R-7™ Modulating Valve

- Available Remanufactured Exchange
- Maintenance Kit 283861

V.M.R.S. 13-010-009
SD-03-4504

Reman. Exch. Pc. No.	Service New Pc. No.	Spring Brake Release Pressure (psi)	Exhaust Cover	Installation Orientation
103081RX	103081N	95	As shown	As shown
—	800969	95	None	Inverted

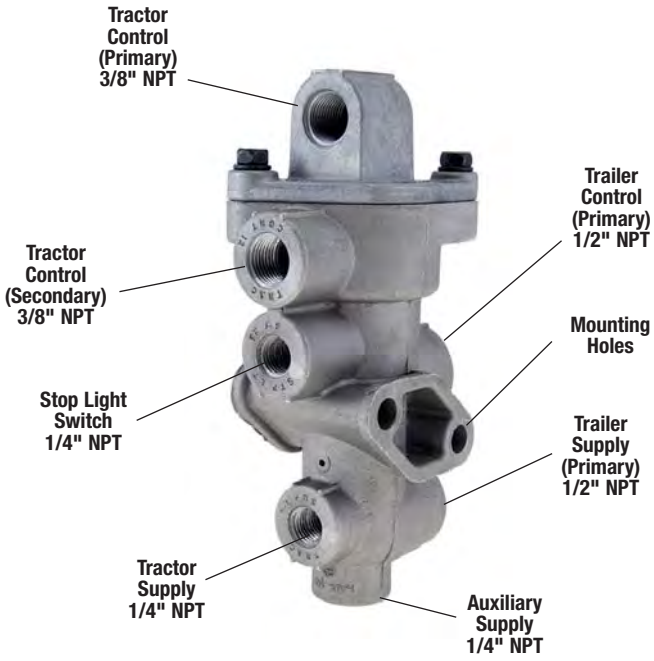


Bendix® TP-3DC™ Tractor Protection Valve

- Maintenance Kit 5000073

V.M.R.S. 13-010-016
SD-03-3656

Service New Pc. No.
065706

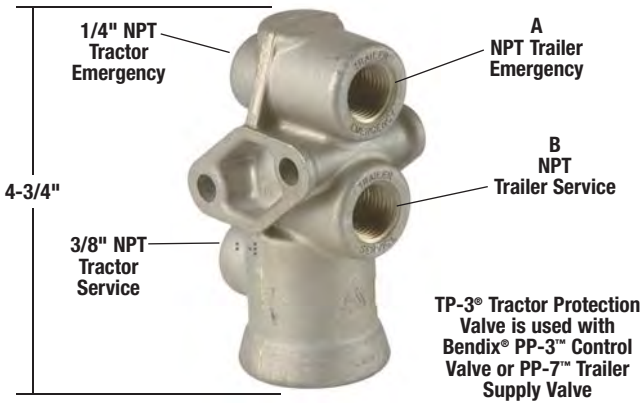


Bendix® TP-3® Tractor Protection Valve

- Available Remanufactured Exchange
- Maintenance Kit 280858N

V.M.R.S. 13-010-016
SD-03-3652

Reman. Exch. Pc. No.	Service New Pc. No.	A NPT	B NPT
279000RX	279000N	1/2"	1/2"



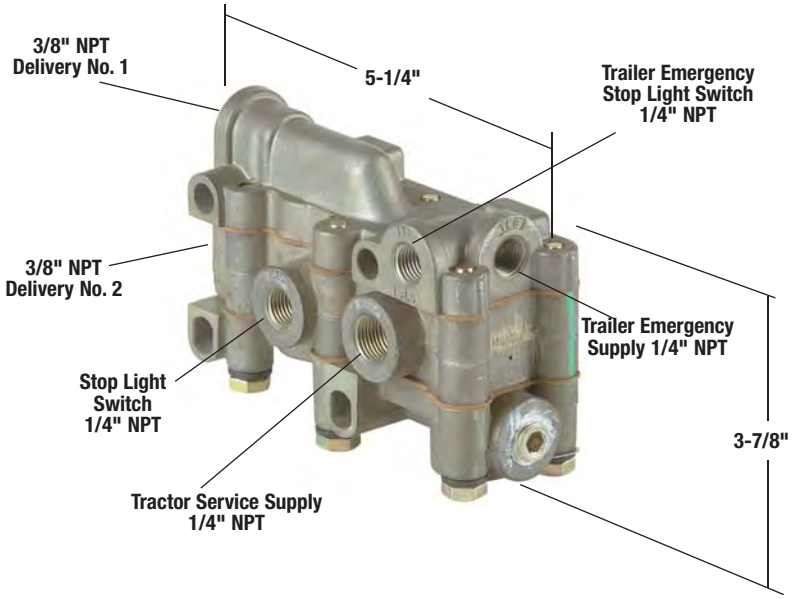
Bendix® TP-4™ Tractor Protection Valve

Formerly Bendix® VM-1 Control Valve Manifold
- Available Remanufactured Exchange
- Maintenance Kit 283863

V.M.R.S. 13-010-114
SD-03-3653

Reman. Exch. Pc. No.	Service New Pc. No.
288301RX	288301N

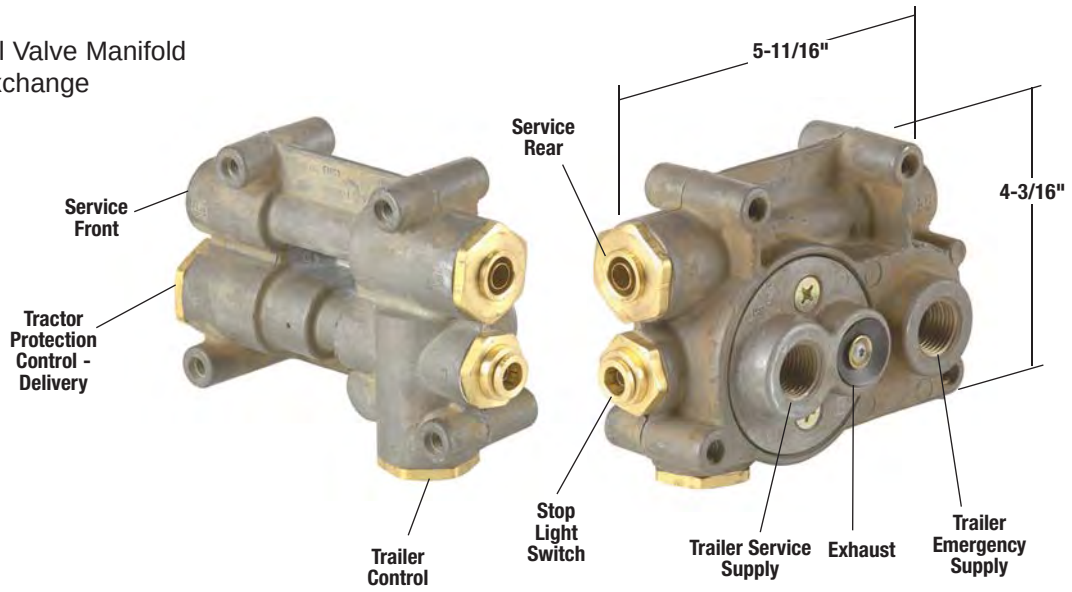
Three (3) Sealing O-Rings Pc. No. 212268
Included with Valve



Bendix® TP-5™ Tractor Protection Valve

Formerly Bendix® VM-2 Control Valve Manifold
- Available Remanufactured Exchange
- Maintenance Kit 289061

V.M.R.S. 13-010-114
SD-03-3655



Reman. Exch. Pc. No.	Service New Pc. No.	Service Rear*	Stop Light Switch*	Service Front*	Trailer Control*	Trailer Service Supply	Trailer Emergency Supply	Tractor Protection Control Delivery*
_	065702	1/2" PTC	3/8" PTC	1/2" PTC	3/8" PTC	1/2" NPT	1/2" NPT	3/8" PTC
–	107430	3/8" NPT	1/8" NPT	3/8" NPT	1/4" NPT	1/2" NPT	1/2" NPT	1/4" NPT
288605RX	288605N	3/8" NPT	1/4" NPT	3/8" NPT	3/8" NPT	1/2" NPT	1/2" NPT	3/8" NPT
–	800396	1/2" PTC	1/4" PTC	1/2" PTC	3/8" PTC	1/2" NPT	1/2" NPT	3/8" PTC

*PTC - Push-To-Connect Fittings

	Bendix® BP-1™ Valve Maintenance Kit (Pc. No. 104710)
	Bendix® BP-1™ Valve Maintenance Kit (Pc. No. 104711)
	Bendix® E-2™ & E-3™ Valve Maintenance Kit (Pc. No. 276119N)
	Bendix® E-3™ Valve Maintenance Kit (Pc. No. 289329N)
	Bendix® E-5™ Valve Maintenance Kit (Pc. No. 281084N)

	Bendix® E-5™ Valve Maintenance Kit (Pc. No. 289334N)
	Bendix® E-6® Valve Maintenance Kit (Pc. No. 287368N)
	Bendix® E-6® Valve Maintenance Kit (Pc. No. 289335)
	Bendix® E-7™ Valve Maintenance Kit (Pc. No. 289352N)
	Bendix® E-7™ Valve Maintenance Kit (Pc. No. 289353)

	Bendix® E-10™ Valve Maintenance Kit (Pc. No. 102100)
	Bendix® E-12™ Valve Maintenance Kit (Pc. No. 108367)
	Bendix® LQ-2™ Valve Maintenance Kit (Pc. No. 282098N)
	Bendix® LQ-4™ Valve Maintenance Kit (Pc. No. 289500N)
	Bendix® LQ-5™ Valve Maintenance Kit (Pc. No. 107195)

	Bendix® MV-3® Valve Maintenance Kit (Pc. No. 5002741)
	Bendix® MV-3® Valve Maintenance Kit (Pc. No. 5002742)
	Bendix® PP-DC® Valve Maintenance Kit (Pc. No. 5006939)
	Bendix® PP-1® Valve Maintenance Kit (Pc. No. 281126N)
	Bendix® PP-2™ Valve Maintenance Kit (Pc. No. 281127N)

	Bendix® PP-3™ Valve Maintenance Kit (Pc. No. 280857N)
	Bendix® PP-7™ Valve Maintenance Kit (Pc. No. 287367)
	Bendix® PR-3™ & PR-4™ Valve Maintenance Kit (Pc. No. 287366)
	Bendix® QRN™ Valve Maintenance Kit (Pc. No. 104463)
	Bendix® R-6™ Valve Maintenance Kit (Pc. No. 280856N)
	Bendix® R-7™ Valve Maintenance Kit (Pc. No. 283861)

	Bendix® R-8™ Valve Maintenance Kit (Pc. No. 287370N)
	Bendix® R-12P™ Valve Maintenance Kit (Pc. No. 109265)
	Bendix® R-12® DuraDrain® Valve Maintenance Kit (Pc. No. 5004029)
	Bendix® R-12® Valve Maintenance Kit (Pc. No. 5002831)
	Bendix® R-12® Valve Maintenance Kit (Pc. No. 5019003)
	Bendix® R-14® Valve Maintenance Kit (Pc. No. 102802N)

	Bendix® R-8P™ Valve Maintenance Kit (Pc. No. 103799)
	Bendix® RE-6® Valve Maintenance Kit (Pc. No. 282812)
	Bendix® RE-6® Valve Maintenance Kit (Pc. No. 282813)
	Bendix® SR-1™ Valve Maintenance Kit (Pc. No. 108123)
	Bendix® SR-2™ Valve Maintenance Kit (Pc. No. 287691)

	Bendix® SR-4™ Valve Maintenance Kit (Pc. No. 108259)
	Bendix® SR-4™ Valve Maintenance Kit (Pc. No. 102048)
	Bendix® SR-5™ Valve Maintenance Kit (Pc. No. 109015)
	Bendix® TC-2™ Valve Maintenance Kit (Pc. No. 276122)
	Bendix® TC-6™ Valve Maintenance Kit (Pc. No. 289890)

	Bendix® TC-7™ Valve Maintenance Kit (Pc. No. 102145)
	Bendix® TP-3® Valve Maintenance Kit (Pc. No. 280858N)
	Bendix® TP-3DC™ Valve Maintenance Kit (Pc. No. 5000073)
	Bendix® TP-4™ Valve Maintenance Kit (Pc. No. 283863)
	Bendix® TP-5™ Valve Maintenance Kit (Pc. No. 289061)

Straight Arm

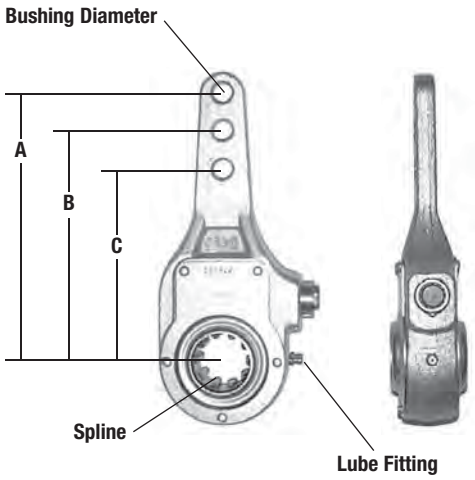
V.M.R.S. 13-001-030 (FRONT)
13-002-028 (REAR)

SD-05-1200

Selecting A Slack Adjuster

1. Determine if straight or offset arm. If offset, determine if RH or LH is needed.
2. Identify spline size (diameter and number of teeth).
3. Select model needed.
4. Determine the arm hole used (if slack contains more than one).
5. Identify bushing diameter.

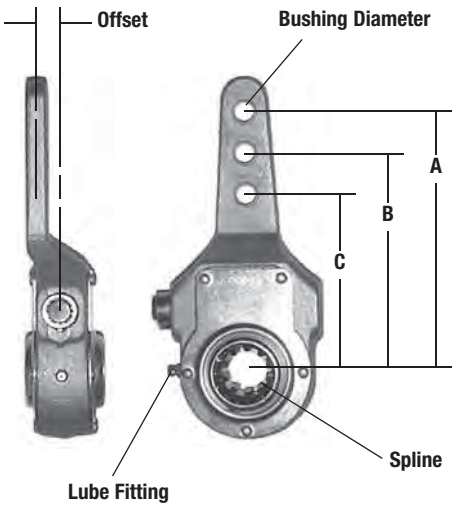
Service New Pc. No.	SAE Torque Rating-lbs	Spline	Teeth	Arm Length (In.) A	B	C	Bushing Dia.	Lube Fitting	Fitting Direction
278302	26,000	1-1/4"	10	5.5	4.5	–	0.5	Straight	Straight
278305	26,000			7.0	6.0	5.0			
278323N	26,000			7.0	6.0	5.0			
278326N	26,000			6.5	5.5	–			
278008	30,000	1-1/2"	10	6.5	5.5	–	0.5	Straight	Straight
278010N	30,000			6.0	5.0	–			
278045N	30,000			7.0	6.0	5.0			
279634N	30,000			7.75	6.75	–			
101827N	26,000			6.0	–	–		90 Deg.	Left
277959N	26,000			6.5	5.5	–		Straight	Straight
102110N	30,000	1-1/2"	10	6.5	5.5	–	0.625	90 Deg.	Down
278016N	30,000			6.5	5.5	–		Straight	Straight
278017N	30,000			6.0	5.0	–		Straight	Straight
278035N	30,000			7.5	5.5	–		Straight	Straight
288282	26,000			7.0	6.0	5.0		Straight	Straight
286965N	26,000	1-1/2"	28	6.0	5.0	–	0.5	Straight	Straight
288753N	26,000			6.5	5.5	–		Straight	Straight
287899N	30,000			6.5	5.5	–		Straight	Straight
101133N	26,000			6.0	5.0	–		Straight	Straight
101134	26,000			6.5	5.5	–		Straight	Straight
101289N	26,000	1-1/2"	28	6.5	5.5	–	0.625	90 Deg.	Right
101290N	26,000			6.0	5.0	–		90 Deg.	Right
101214N	30,000			6.5	5.5	–		Straight	Straight
101215N	30,000			6.0	5.0	–		Straight	Straight
101216N	30,000			7.0	–	–		Straight	Straight
283411	26,000	1-5/8"	37	6.0	–	–	0.5	Straight	Straight



Offset Arm

Left Hand (LH) Shown – Right Hand (RH) Opposite

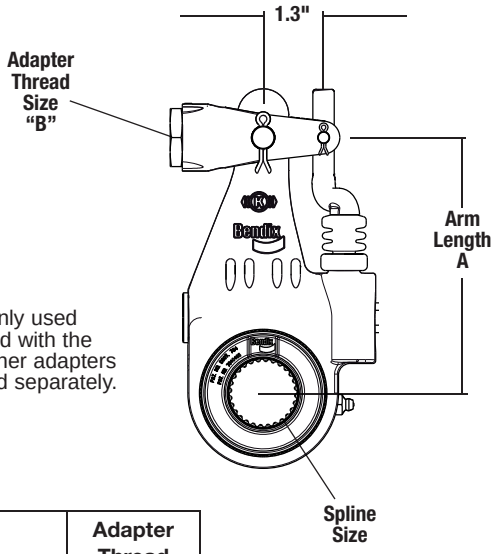
Service New Pc. No.	SAE Torque Rating-lbs	Spline	Teeth	Arm Length (In.) A	B	C	Bushing Dia.	Lube Fitting	Offset	Handed
278288				6.0	5.0	4.0				RH
278289				6.0	5.0	4.0				LH
278294N	26,000	1-1/4"	10	5.5	4.5	–	0.5	Straight	0.625	RH
278295				5.5	4.5	–				LH
278252				5.5	4.5	–				RH
278253				5.5	4.5	–				LH
279300N				5.25	–	–				RH
279301N				5.25	–	–				LH
279946N	26,000	1-1/2"	10	7.0	6.0	–	0.5	Straight	0.625	RH
279947N				7.0	6.0	–				LH
280424				6.0	5.0	4.0				RH
280425				6.0	5.0	4.0				LH
282560				6.5	5.5	–				RH
282561				6.5	5.5	–				LH
279309				5.75	–	–				LH
279350	20,000	1-1/2"	10	7.0	–	–	0.5	Straight	1.5	RH
279351N				7.0	–	–				LH
288539N				6.5	5.5	–				RH
288540N				6.5	5.5	–				LH
288541N				6.0	5.0	–				RH
288542N				6.0	5.0	–				LH
101413N				5.5	–	–				LH
101414N	20,000	1-1/2"	28	5.5	–	–	0.5	Straight	1.5	RH
287896				6.5	5.5	–				RH
287897				6.5	5.5	–				LH



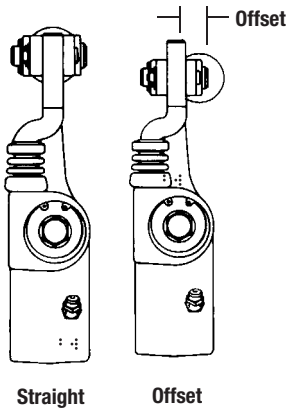
Bendix® Versajust® LS Automatic Slack Adjuster

V.M.R.S. 013-001-030 (FRONT)
013-002-028 (REAR)

SD-05-4630



The most commonly used adapter is supplied with the slack adjuster. Other adapters may be purchased separately.



All offset slack adjusters are provided as shown. If the opposite offset is needed, remove the yoke and rotate 180°.

Bendix® Versajust® LS Slack Adjuster Service Assembly Pc. No.	Arm Length "A"	Yoke Type	Yoke Offset	Adapter Thread Size "B"
1 1/2"-10C Spline				
K096199	5.0"	–	–	–
K050079	5.0"	EO	Straight	5/8"
K041772	5.5"	–	–	–
K041870	5.5"	EO	Straight	5/8"
K102425	5.5"	EO	5/8" Offset	5/8"
K043124	5.5"	QC	Straight	5/8"
K041768	6.0"	–	–	–
K041876	6.0"	EO	Straight	5/8"
K043134	6.0"	QC	Straight	5/8"
1 1/2"-28 Spline				
K096198	5.0"	–	–	–
K095826	5.0"	QC	Straight	5/8"
K047150	5.0"	EO	Straight	5/8"
K041771	5.5"	–	–	–
K043197	5.5"	EO	Straight	5/8"
K102427	5.5"	EO	5/8" Offset	5/8"
K034076	5.5"	QC	Straight	5/8"
K041769	6.0"	–	–	–
K041877	6.0"	EO	Straight	5/8"
K047457	6.0"	QC	Straight	5/8"
1 5/8"-37 Spline				
K102372	6.0"	QC	Straight	5/8"
K102369	5.5"	EO	Straight	5/8"
K102371	6.0"	EO	Straight	5/8"

Bendix® Versajust® LS Automatic Slack Adjuster Exterior

The Easy-On (EO) yoke assemblies are standard on the Bendix® Versajust® LS service basic slack adjusters. If the Quick Connect (QC) yoke is required, it must be purchased separately and installed by the customer.

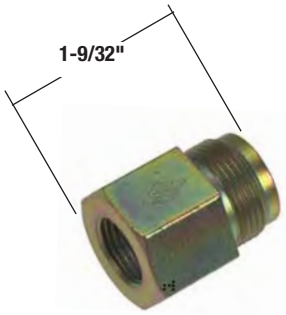
All Bendix® Versajust® LS slack adjusters are supplied with a 45° lube fitting unless otherwise noted.

Bendix® Versajust® LS Automatic Slack Adjuster Kits

Complete Yoke Kit with Adapter Pc. No.	Yoke Kit Pc. No.	Adapter		
		Kit Pc. No.	Size	Type
K045129	K041758	107162	1/2"-20	Quick Connect
K045130	K041758	107161N	5/8"-18	Quick Connect
K046614	K154438	292756N	1/2"-20 x 25/32" Length	Easy-On
K046615	K154438	291452N	5/8"-18 x 25/32" Length	Easy-On
K046616	K154438	297001N	1/2"-20 x 1-9/32 Length	Easy-On
K046617	K154438	297700N	5/8"-18 x 1-9/32" Length	Easy-On
K047168	K041758	K045525N	M16 x 1.5	Quick Connect

Standard Easy-On Yoke Kit

Standard Easy-On Adapter



Extended Easy-On Adapter

Quick Connect Yoke Kit

Quick Connect Adapter

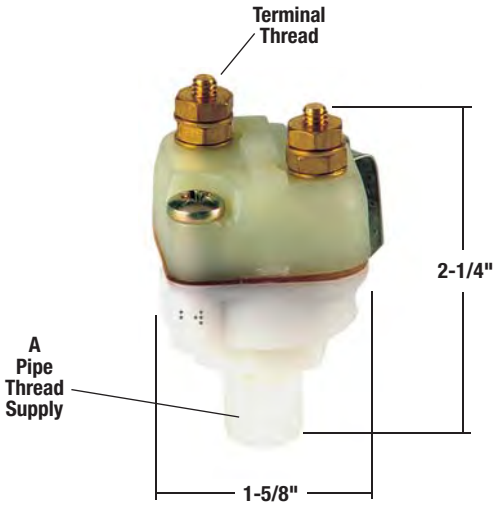
Bendix® SL-4™ Stop Light Switch

V.M.R.S. 34-002-008

SD-06-1800

Service New Pc. No.	A Pipe Thread	Terminal Thread
K101996	1/4"	8-32
K101997	1/4"	10-32
K101998	1/4"	5/32" B.S.W.

B.S.W. = British Standard Whitworth

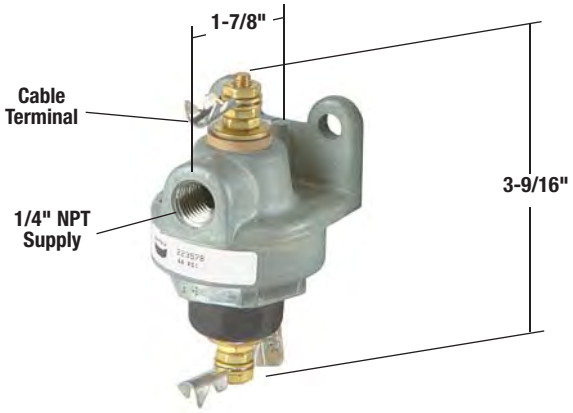


Bendix® LP-2™ Low Pressure Indicator

V.M.R.S. 03-001-037

SD-06-1600

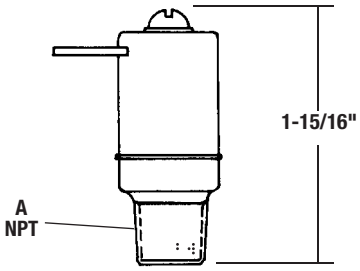
Service New Pc. No.	Cut-Out Pressure P.S.I.	Remarks
223578N	60 + 5 – 0	
224044	70 ± 6	Without Cable Terminal



Bendix® LP-3™ Low Pressure Indicator

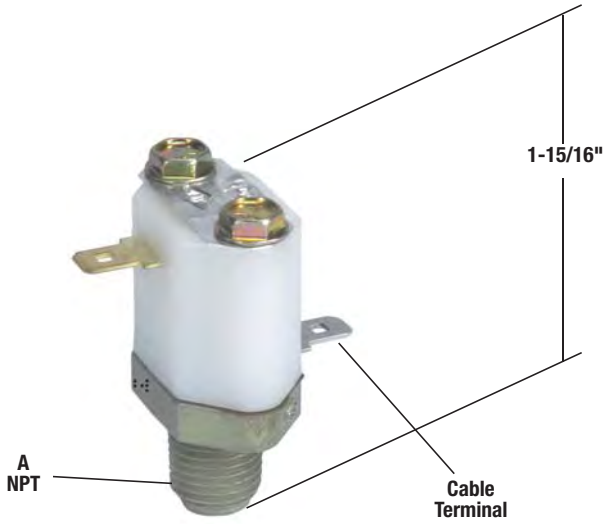
V.M.R.S. 03-001-037

SD-06-1600



Single Terminal

Service New Pc. No.	Cut-Out Pressure P.S.I.	A Pipe Thread
279416N	60 ± 6	1/4"
279472	75 ± 6	1/4"
280530N	70 ± 6	1/4"
289397N	75 ± 6	1/8"



Double Terminal

Service New Pc. No.	Cut-Out Pressure P.S.I.	A Pipe Thread	Comments
228750N	60 ± 6	1/4"	
**275083N	–	1/4"	
276599N	30 ± 3	1/4"	
277155N	50 ± 5	1/4"	
*280743N	60 ± 6	1/4"	w/o cable terminal
284793N	80 ± 6	1/4"	w/o cable terminal
284833N	70 ± 6	1/4"	w/o cable terminal
283029N	60 ± 6	1/4"	w/o cable terminal
288522	66 ± 6	1/4"	w/o cable terminal

*Push-on terminal

Pc. No. 275083N has a **cut-in pressure of 75 ± 6 PSI

Air Horn Kits

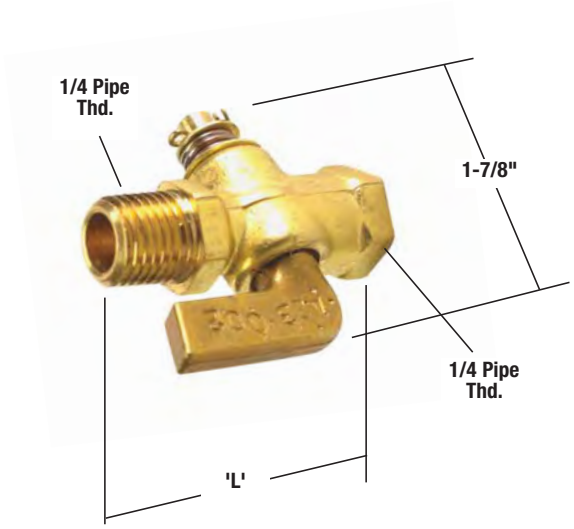
• Kits Include Horn Valve, Tubing & Fittings

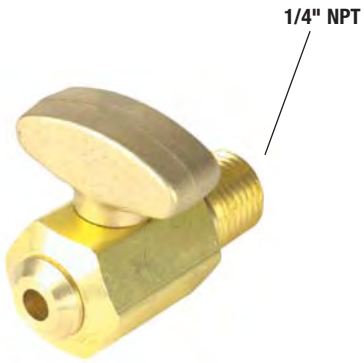
SD-06-130

Air Horn Kits	Application Description
207945N	Includes Hand Operated Horn Valve 228013
207946	Includes Foot Operated Horn Valve 228672

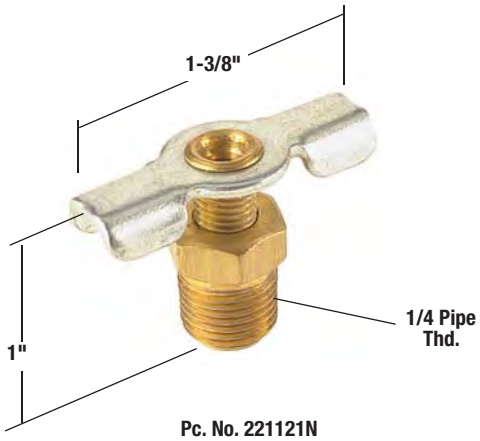
Bendix® C-1™ and C-3™ Cut-Out Cocks

Service New Pc. No.	'L' Length	Comments
226338N	1-7/8"	Open as shown
276068N	2-3/8"	Closed as shown





Pc. No. 103385N



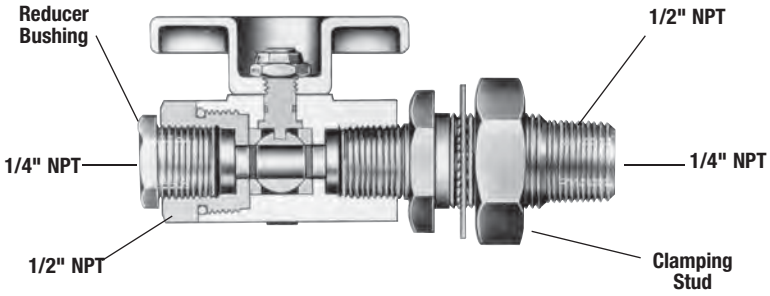
Pc. No. 221121N

Bendix® C-5™ Cut-Out Cock

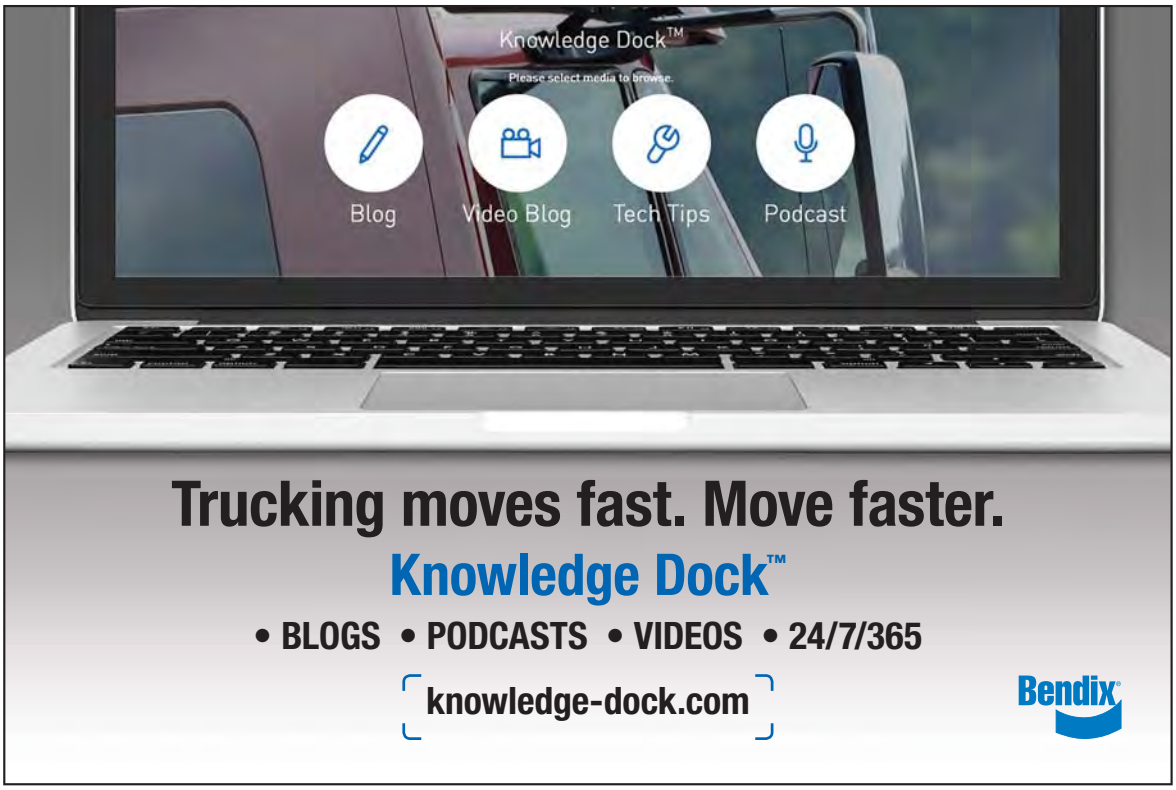
- Maintenance Kit 285938
- Handle Kit K026452

SD-06-1800

Service New Pc. No.	Clamping Stud Pc. No.	Reducing Bushing Pc. No.	Comments
285172N	NONE	NONE	Non-vented
285697	205730N	212741	Non-vented
106118N	—	—	Vented



Bendix® C-5™ Valve Maintenance Kit Pc. No. 285938

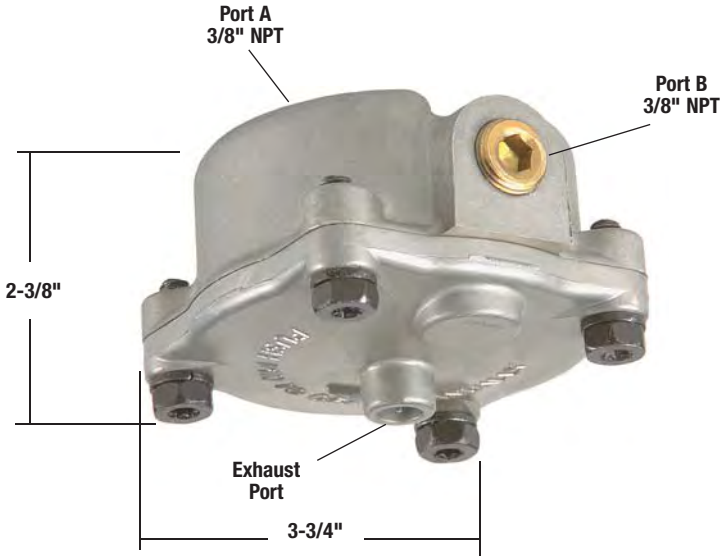


Bendix® DV-2™ Automatic Reservoir Drain Valve

- Available Remanufactured Exchange
- Maintenance Kit 282134

V.M.R.S. 13-010-007

SD-03-2501



When mounted, the exhaust port must point down toward the road.

Reman. Exch. Pc. No.	Service New Pc. No.	Port A		Port B		Heater System
		1/4" Adapter Pc. No.	Pipe Plug Pc. No.	1/4" Adapter Pc. No.	Pipe Plug Pc. No.	
281923RX	281923N	293248N	–	–	233057N	–
281924RX	281924N	–	233057N	293248N	–	–
284412RX	284412N	293248N	–	–	233057N	12V
–	284795N	–	233057N	293248N	–	12V
284412RX	284817N	293248N	–	–	233057N	24V
–	800077	293248N	–	–	233057N	12V

Maintenance Kit Pc. No. 282134

Copper Tubing and Tubing Clamps

V.M.R.S. 13-010-053

Tubing Outside Diameter	Tubing Length	Carton of Coiled Copper Tubing Pc. No.
1/4"	50 Ft.	279568
5/16"	25 Ft.	279569
5/16"	50 Ft.	279570
1/2"	50 Ft.	279574
5/8"	25 Ft.	279575
3/4"	25 Ft.	279576

All tubing above conforms with SAE Spec. J1149.

For Tubing O.D. Size	Tubing Clamp (Rubber Covered) Pc. No.
1/4"	232821N
5/16"	232822N
3/8"	232823N
1/2"	232824N
3/4"	232826N

SAE Standard J844 Nylon Tubing

V.M.R.S. 13-010-003

O.D. (Inches)	Wall Thickness (Inches)	Length Feet	Tubing Color	Nylon Tubing Pc. No.
1/8	.023	100	Black	249094
1/8	.023	1000	Black	112429
1/4	.040	100	Black	246113
1/4	.040	100	Red	248441
1/4	.040	100	Yellow	248442
1/4	.040	100	Green	248443
1/4	.040	1000	Black	291995
5/16	.046	100	Black	249095
3/8	.062	100	Black	246115N
3/8	.062	100	Red	248444N
3/8	.062	100	Yellow	248445
3/8	.062	100	Green	248446
3/8	.062	100	Orange	248447
3/8	.062	500	Black	291996
1/2	.062	100	Black	246117
1/2	.062	250	Black	246118
1/2	.062	100	Red	248448
1/2	.062	100	Green	248449N
1/2	.062	100	Orange	248450
1/2	.062	500	Black	291997
5/8	.092	100	Black	247606
3/4	.092	100	Black	247607
3/4	.092	100	Green	248451

Each carton of Nylon Tubing is designed for self-dispensing. Adaptable for use with Standard Air Brake Fittings with the use of inserts.

Tube Inserts for Nylon Tubing

Can be used with standard Bendix tubing fittings.

For Tube Size O.D.	Service New Pc. No.
1/4"	246088N
5/16"	292802
3/8"	246089N
1/2"	246090N
5/8"	247608

Standard Nuts and Sleeves

Nut

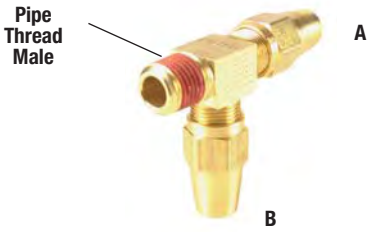
Sleeve

The tubing O.D. size determines the nut and sleeve used.

For Tubing Size O.D.	Nut Pc. No.	Sleeve Pc. No.
1/4"	200455	200457N
5/16"	200363	200364
3/8"	200360N	200361N
1/2"	203755N	203754N
5/8"	210613	210612N
3/4"	203896	203897
1"	203899	203900

Tubing Fittings

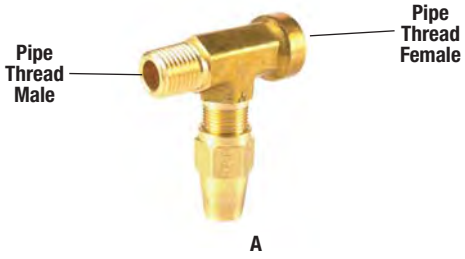
• Complies with DOT requirements per FMVSS 106.



Pipe Thread Male	A Tubing O.D.	B Tubing O.D.	Tee Service New Pc. No.
1/8"	1/4"	1/4"	221978N
1/4"	3/8"	3/8"	205104N
3/8"	3/8"	3/8"	217050
3/8"	3/8"	1/2"	224647N

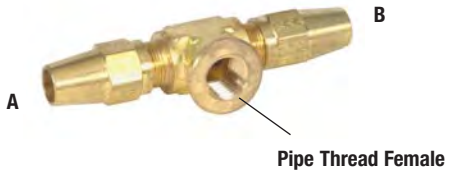
NPT Female	NPT Male	A Tubing O.D.	Tee Service New Pc. No.
1/4"	3/8"	1/2"	217640N
3/8"	1/2"	1/2"	275284N

A Tubing O.D.	B Tubing O.D.	Union Service New Pc. No.
1/4"	1/4"	205514
3/8"	3/8"	205134N
1/2"	1/2"	215710
5/8"	5/8"	221826
3/4"	3/4"	216523
1"	1"	216339N



NPT Female	NPT Male	A Tubing O.D.	Tee Service New Pc. No.
1/4"	1/4"	3/8"	217619N
1/4"	3/8"	1/2"	224799N

NPT Male	A Tubing O.D.	B Tubing O.D.	Tee Service New Pc. No.
1/8"	1/4"	1/4"	205182N
1/8"	3/8"	3/8"	217051N
1/4"	1/4"	3/8"	225838
1/4"	3/8"	3/8"	205103N
3/8"	3/8"	3/8"	205177N
3/8"	1/2"	3/8"	224645N
3/8"	1/2"	1/2"	215700
1/2"	1/2"	1/2"	224721N
1/2"	5/8"	5/8"	221982

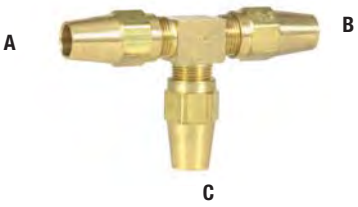


NPT Female	A Tubing O.D.	B Tubing O.D.	Tee Service New Pc. No.
1/4"	3/8"	3/8"	224681N

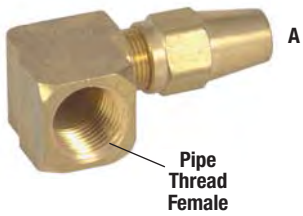
Tubing Fittings (cont.)

• Complies with DOT requirements per FMVSS 106.

NPT Female	A Tubing O.D.	Connector Service New Pc. No.
1/8"	1/4"	205101N
1/4"	3/8"	205826
3/8"	3/8"	205827
3/8"	1/2"	215711
1/2"	5/8"	221987N
1/2"	3/4"	229738N



A Tubing O.D.	B Tubing O.D.	C Tubing O.D.	Tee Service New Pc. No.
1/4"	1/4"	1/4"	221979N
3/8"	3/8"	1/4"	225760N
3/8"	3/8"	3/8"	205106N
1/2"	1/2"	3/8"	225836N
1/2"	1/2"	1/2"	215712N
5/8"	5/8"	3/8"	222064N
5/8"	5/8"	5/8"	221984



NPT Female	A Tubing O.D.	Elbow Service New Pc. No.
1/8"	1/4"	221977N
1/4"	3/8"	205135
3/8"	3/8"	205830
1/2"	5/8"	221983

NPT Male	A Tubing O.D.	Connector Service New Pc. No.
1/8"	1/4"	205127N
1/8"	3/8"	205509N
1/4"	1/4"	205183N
1/4"	5/16"	205054
1/4"	3/8"	205053
1/4"	1/2"	217690N
3/8"	3/8"	205824N
3/8"	1/2"	217525N
3/8"	5/8"	216685
1/2"	3/8"	222063
1/2"	1/2"	217691N
1/2"	5/8"	216684N
1/2"	3/4"	217621N
3/4"	3/4"	215762
3/4"	1"	225786N
1"	1"	215763

NPT Male	A Tubing O.D.	B Height To Tubing Center	Elbow Service New Pc. No.
1/8"	3/8"	1-7/8"	215953
1/8"	1/4"	3/4"	205539N
1/8"	3/8"	31/32"	205522N
1/2"	3/4"	1-3/8"	217504N
1/4"	1/4"	15/16"	224318N
1/4"	3/8"	31/32"	205102N
1/4"	3/8"	1-7/16"	222858N
1/4"	1/2"	1-1/8"	220475N
3/8"	3/8"	15/16"	205829N
3/8"	1/2"	1-1/8"	215709N
3/8"	5/8"	1-5/32"	221993N
1/2"	3/8"	1-5/16"	222062N
1/2"	1/2"	1-5/16"	216310N
1/2"	5/8"	1-3/8"	221825N
3/4"	1/2"	1-5/16"	221536N
3/4"	5/8"	1-5/16"	229108N
3/4"	3/4"	1-3/8"	216520N

Tubing Fittings (cont.)

• Complies with DOT requirements per FMVSS 106.

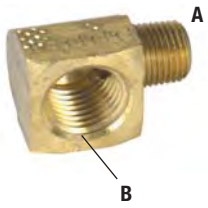
A Tubing O.D.	B Tubing O.D.	Elbow Pc. No.
3/8"	3/8"	205113

NPT Male	A Tubing O.D.	Elbow (45°) Pc. No.
1/4"	3/8"	220722N
3/8"	3/8"	220291
3/8"	1/2"	220292
1/2"	3/8"	225650
1/2"	1/2"	227162
1/2"	5/8"	222065

Miscellaneous Fittings

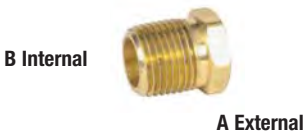
V.M.R.S. 13-009-016

NPT A	NPT B	Street Elbow 90° Pc. No.
Brass		
1/8"	1/8"	233567
1/4"	1/4"	233568
3/8"	3/8"	233569N
1/2"	1/2"	233570

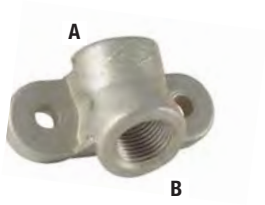


NPT A	NPT B	Reducing Elbow 90° Pc. No.
Brass		
1/8"	1/4"	232871N

Reducing Bushing Pc. No.	Pipe Thread A	Pipe Thread B
Brass		
212862N	3/8"	1/4"
230130N	1/2"	1/4"
230808N	1/2"	3/8"
Steel		
212349N	1/2"	3/8"

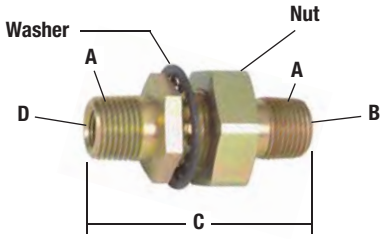


Miscellaneous Fittings (cont.)

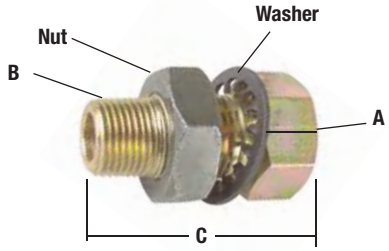


A Pipe Tap	B Pipe Tap	Anchor Elbow Pc. No.
1/4"	1/4"	201030N
3/8"	3/8"	212765N

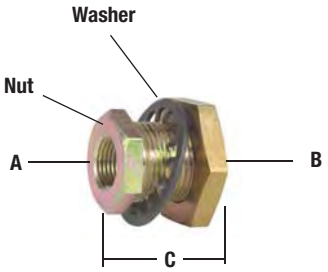
A Pipe Tap	B Pipe Tap	Anchor Elbow Pc. No.
1/4"	1/4"	201010N
3/8"	3/8"	233420N



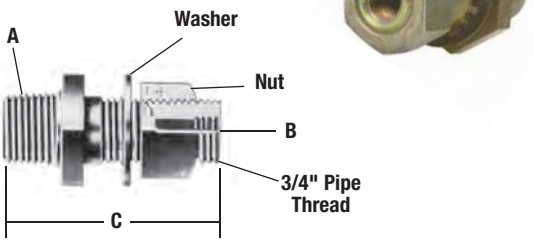
A NPT	B Pipe Tap	C Length	D Pipe Tap	Clamping Stud Pc. No.
1/2"	1/4"	2-15/16"	–	205730N
1/2"	1/4"	3-15/16"	–	223464
1/2"	1/4"	2-15/16"	1/4"	228146



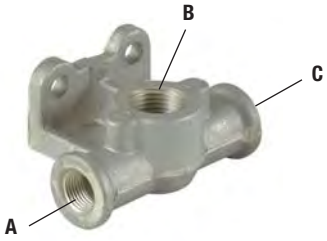
A Pipe Tap	B NPT	C Length	Anchor Coupling Pc. No.
3/8"	3/8"	1-7/8"	215672N



A Pipe Tap	B Pipe Tap	C Length	Anchor Coupling Pc. No.
1/8"	1/8"	1-17/32"	225740N
1/4"	1/4"	31/32"	221204N
1/4"	1/4"	1-17/32"	205465N
3/8"	3/8"	1-5/16"	217709N



A NPT	B Pipe Tap	C Length	Clamping Stud Pc. No.
1/2"	1/4"	2-1/8"	205498N
1/2"	1/4"	2-1/2"	205499

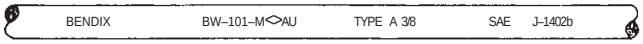


A Pipe Tap	B Pipe Tap	C Pipe Tap	Anchor Tee Pc. No.
1/4"	3/8"	1/4"	231379N
3/8"	3/8"	3/8"	236056N
3/8"	1/2"	3/8"	239727N

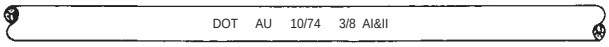
TYPE BW-101-M TYPE A HOSE is standard for all flexible connections in the air brake system where conditions do not require a larger hose. They are most commonly used for Brake Chamber Hose connections, or Trailer Hose connections.

Identify by inside and outside diameters and continuous marking on the outside surface.

3/8" I.D. TYPE A (FRONT VIEW)



BACK VIEW



BW-101-M HOSE is available as follows:

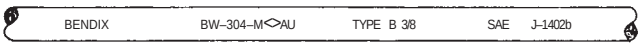
PC. NO.	DESCRIPTION
285496	50 Ft. Coil Carton

ORDER BY PIECE NUMBER

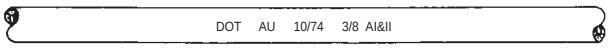
BW-304-M TYPE B HOSE is standard for all flexible connections in the air brake system where conditions do not require a larger hose. It is most commonly used for Brake Chamber Hose connections, or Trailer Hose connections.

Identify by inside and outside diameters and continuous markings on the outside surface.

3/8" I.D. TYPE B (FRONT VIEW)



BACK VIEW



BW-304-M HOSE is available as follows:

PC. NO.	DESCRIPTION
277546	50 Ft. Coil Carton
285497	100 Ft. Coil Carton
285498N	250 Ft. Coil Reel

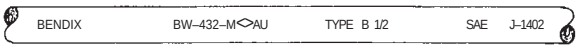
ORDER BY PIECE NUMBER

TYPE BW-432-M TYPE B HOSE is of similar construction to BW-101-M TYPE B HOSE but has larger inside and outside diameters. It is used in special cases requiring a larger hose than the standard Type BW-101-M.

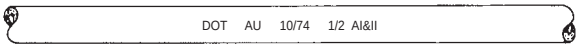
Identify by inside and outside diameters and continuous markings on the outside surface.

BW-127-M HOSE is available in a maximum length of 50 ft. It is supplied as follows:

1/2" I.D. TYPE B (FRONT VIEW)

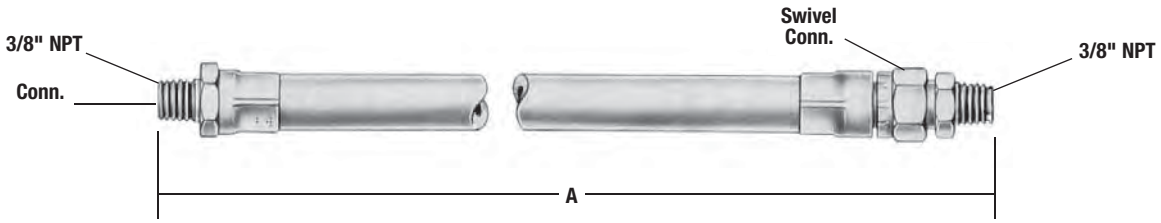


BACK VIEW



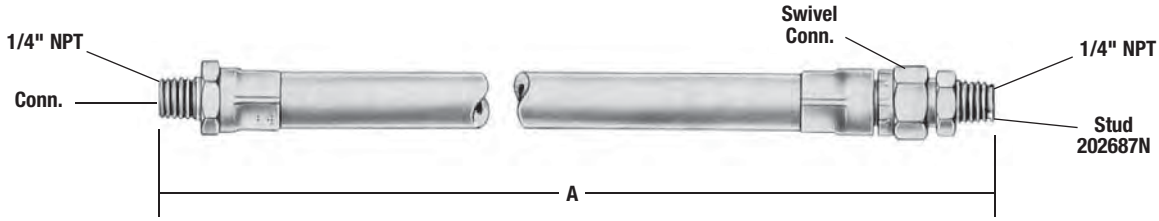
PC. NO.	DESCRIPTION
5006705	50 Ft. Coil Bulk

ORDER BY PIECE NUMBER



BW-432-M Type B 1/2" I.D. x 7/8" O.D. 1/2" I.D. TYPE B HOSE

A Overall Length	Hose Assembly Pc. No.	A Overall Length	Hose Assembly Pc. No.	A Overall Length	Hose Assembly Pc. No.	A Overall Length	Hose Assembly Pc. No.
20"	5005962	28"	5005966	38"	5005971	46"	5005975
22"	5005963	34"	5005969	40"	5005972		



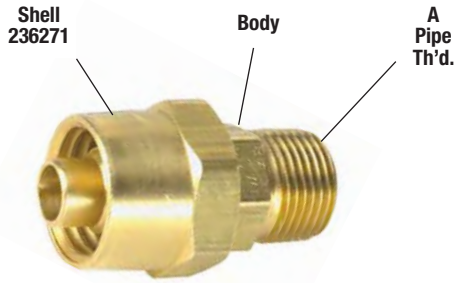
BW-304-M Type B 3/8" I.D. x 3/4" O.D. **3/8" I.D. TYPE B HOSE**

A Overall Length	Hose Assembly Pc. No.	A Overall Length	Hose Assembly Pc. No.	A Overall Length	Hose Assembly Pc. No.	A Overall Length	Hose Assembly Pc. No.
15-1/8	228533	24-7/8	228544N	32	228552	45-1/8	228563
18-5/8	228535	26-7/8	228547	34-3/8	228554	50-1/8	228565
20-3/8	228539	27-5/8	228548	36-1/8	228555	68-5/8	228567
22-5/8	228541N	29-1/8	228549	38-1/8	228557		
24-1/8	228472	30-1/8	228550	42-5/8	228561		

FOR 3/4 O.D. x 3/8 I.D. HOSE

Hose Connector
For BW-101-M & BW-304-M Hose

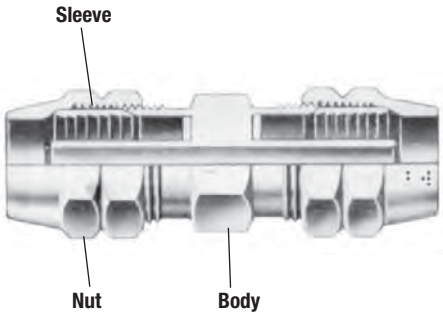
A NPT	Hose Connector Pc. No.	Body Pc. No.
1/4"	226134	236268
3/8"	226135	236269
1/2"	226136	236270



FOR 3/4 O.D. x 3/8 I.D. HOSE

Hose Union
For BW-101-M & BW-304-M Hose

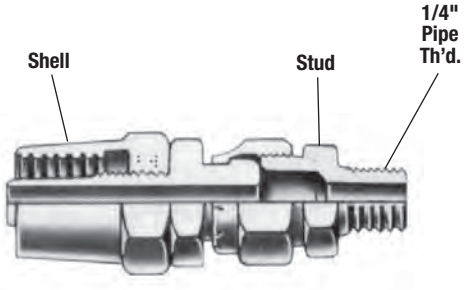
Hose Union Pc. No.	Body Pc. No.	Sleeve Pc. No. 2 Required	Nut Pc. No. 2 Required
216678	216694	203610N	203624



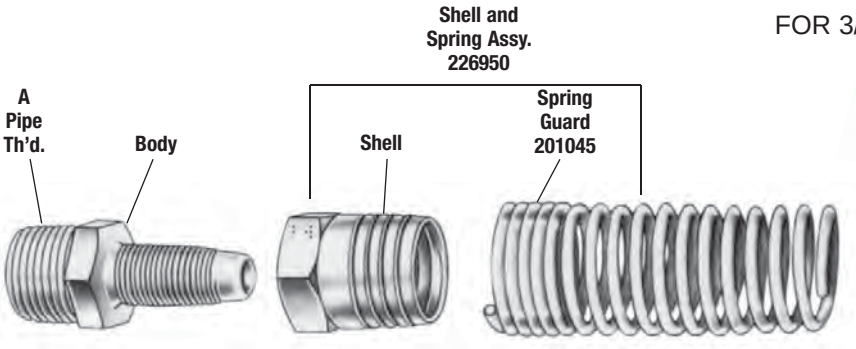
FOR 3/4 O.D. x 3/8 I.D. HOSE

Hose Connector (Swivel)
For BW-101-M & BW-304-M Hose

Hose Connector (Swivel) Pc. No.	Stud Pc. No.	Shell Pc. No.
226293N	202687N	236271

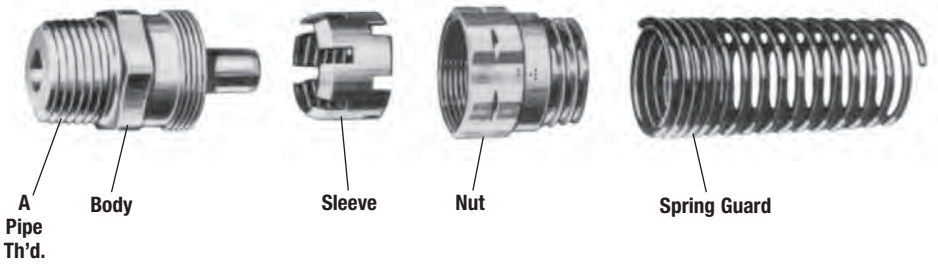


FOR 3/4 O.D. x 3/8 I.D. HOSE



Hose Connector with Spring Guard For BW-101-M & BW-304-M Hose

A NPT	Hose Connector with Spring Guard Pc. No.	Body Pc. No.
1/4"	226137	236268
3/8"	226138	236269
1/2"	226139N	236270



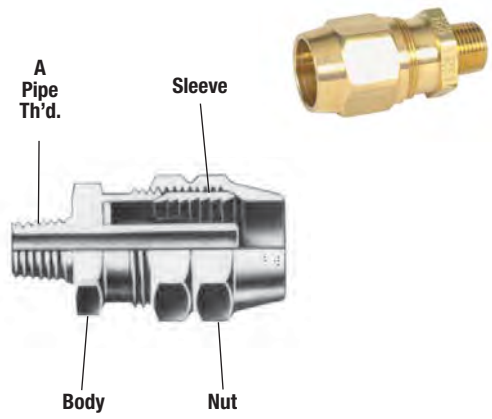
Hose Connector with Spring Guard

A NPT	For Hose	Body Pc. No.	Sleeve Pc. No.	Nut Pc. No.	Spring Guard Pc. No.	Hose Connector with Spring Pc. No.
1/4"	3/8" I.D. Types A & B	215993	203610N	203613	201045	215536N
3/8"	3/8" I.D. Types A & B	233470	203610N	203613	201045	223907N
1/2"	3/8" I.D. Types A & B	215992	203610N	203613	201045	215535N

Hose Fittings

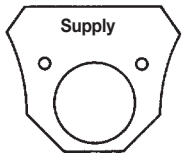
Hose Connector

A NPT	For Hose No.	Hose Connector Pc. No.	Body Pc. No.	Sleeve Pc. No.	Nut Pc. No.
1/2"	BW-101 & 304-M	215539	215992	203610N	203624
1/4"	BW-101 & 304-M	215540N	215993	203610N	203624
3/8"	BW-127 & 348-M	217604	216173	204741	212318
3/8"	BW-101 & 304-M	224887	233470	203610N	203624

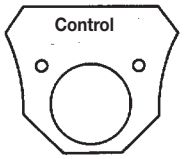


Hose Suspension Spring

Description	Spring Pc. No.
3/4" Dia.-Std.	200661N
1-1/16" Dia.-H.D.	249394



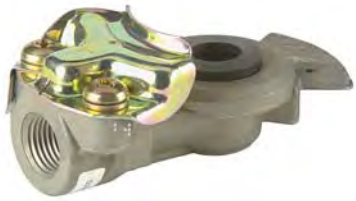
Connection Tag
For 'Supply' Hose Line
Pc. No. 201499N



Connection Tag
For 'Control' Hose Line
Pc. No. 201500N

Hose Couplings

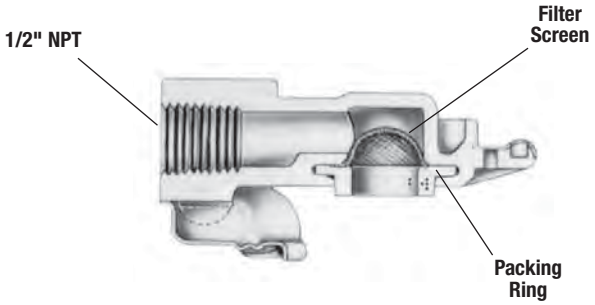
V.M.R.S. 13-010-030
13-010-031



Bendix® HC-1™ Hose Coupling

Pc. No.	Filter Screen Pc. No.	Coupling Identification
275150N	None	None
*275824	None	None
278698N	241839N	None

* With 1/2" Nipple Pc. No. 212324N



Bendix® HC-2™ Hose Coupling

Hose Coupling Pc. No.	Filter Screen Pc. No.	Coupling Identification
278850N	None	Control
278851N	None	Supply
278852N	241839N	Control
278853N	241839N	Supply

Filter Screen

Pc. No. 241839N
Fits All Couplings

Packing Rings

Pc. No. 213630N
Standard

Pc. No. 248579
Double Lip

Fits All Couplings

Dummy Couplings

Dummy Coupling with Chain Service New Pc. No.	Rivet Eye	Hole Dia.	Chain Pc. No.
220635N	None	1/8"	212930
220636N	None	None	212930
224810N	Included	None	212930

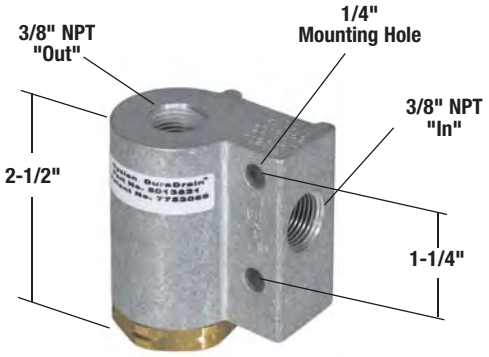
Dummy Coupling Service New Pc. No.	Hole Dia.
212227N	None
291991N	3/16"

Bendix® Cyclone DuraDrain® Water Separator

- Removes moisture
- Purge Nut Kit Pc. No. 5013824
- Mounting Spacer Kit Pc. No. 5014792

SD-08-2402

Service New Pc. No.
801747



Bendix® Trailer System-Guard® Air Dryer

- Removes both moisture and solid contaminants

SD-08-2416

Service New Pc. No.
800765

All Supply and Control Ports 1/4" NPT

Bendix® PuraGuard® Filter

- For service new replacement assembly use PuraGuard® QC™ Filter Service Pc. No. 801731
- Maintenance Kit Pc. No. 5006788
- Rebuild Kit Pc. No. 5006789

i SD-08-187

Bendix® PuraGuard® QC™ Filter

- Mounting Bracket Kit Pc. No. 5013671N
- Cartridge Kit Pc. No. 5013672

i SD-08-187B

Service New Pc. No.
801731

Bendix® AF-3™ In-Line Filter

- Removes Solid Contaminants

i SD-08-2401

Service New Pc. No.
801331

Bendix® AD-2® Air Dryer

• End Cover Available Remanufactured Exchange

V.M.R.S. 13-010-033

SD-08-2403

Bendix® AD-2® Air Dryer Field Installation Kits For Trucks

Reman. Exch. Pc. No.	Service New Pc. No.	Inlet/ Outlet Size (NPT)	Heater
286934RX	286934N	1/2"	12V / 60W
—	286936N	1/2"	24V / 60W

Service/Maintenance Information Maintenance Kits:

Service New Pc. No.	Description
287298N	Check Valve Maintenance Kit
107454N	Delivery Check Valve Complete
286718	Desiccant Cartridge Refill Kit
287313	Desiccant Cartridge Kit
101900X	Reman. Desiccant Cartridge
287053N	Purge Valve Maintenance Kit
102657N	Thermostat Maintenance Kit
288918	Thermostat Cover Maintenance Kit

End Covers

Reman. Exch. Pc. No.	Service New Pc. No.	Heater
103253RX	–	24V / 120W
286875RX	286875N	12V / 60W
286876RX	286876	24V / 60W

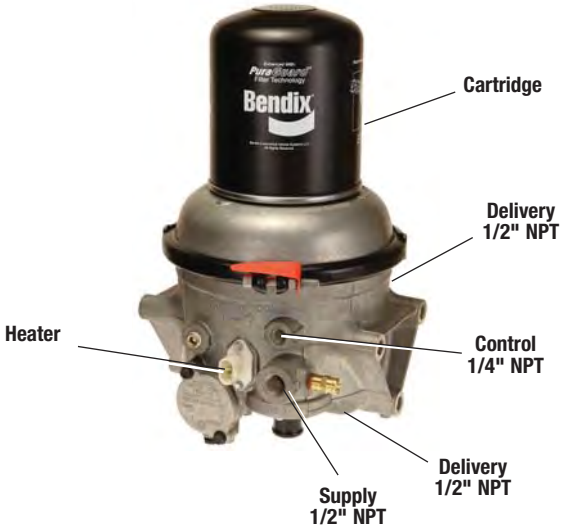
Bendix® AD-9si® Air Dryer

• End Cover Available Remanufactured Exchange

V.M.R.S. 13-010-033

SD-08-2433

Service New Pc. No.	Cartridge	Cartridge Type	Port Size (NPT)	Heater	Governor Included
K092871PG	5008414PG	PuraGuard®	1/2"	12V / 75W	Yes
K092871	5008414	Standard	1/2"	12V / 75W	Yes
K092873PG	5008414PG	PuraGuard	1/2"	12V / 75W	No
K109612	5008414PG	PuraGuard	1/2"	24V / 75W	No
K092873	5008414	Standard	1/2"	12V / 75W	No



IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is replaced, it must be replaced with a like unit.

Maintenance Kits	
Kit Description	**Piece No.**
Delivery Check Valve Replacement Kit	K092011
Desiccant Cartridge Replacement Kit (Standard)	5008414
Desiccant Cartridge Replacement Kit - Bendix AD-9si PuraGuard® air dryer (can be used to replace the standard cartridge)	5008414PG
Governor Kit	K092010
Heater & Thermostat Replacement (12 volt)	109578
Heater & Thermostat Replacement (24 volt)	109579
Safety Valve Replacement	800155
Silencer Kit (not shown)	K021189
Wiring Harness & Splice Kit (not shown)	109871N
Extended Purge Kits (not shown)	
93 in^3 Reservoir w/ 3/8"-16 U-bolts	5012561N
93 in^3 Reservoir w/ 1/2"-13 U-bolts	5005309N
288 in^3 Reservoir w/ 3/8"-16 U-bolts	5008972

For purge valve kits see the Bendix® AD-IS®, AD-IP® and AD-9si® air dryer purge valve maintenance kit section of this catalog.

Bendix® AD-9® and AD-9® IPC Air Dryer

- More Desiccant Works Longer
- Compact Size Saves Space
- Remanufactured Exchange

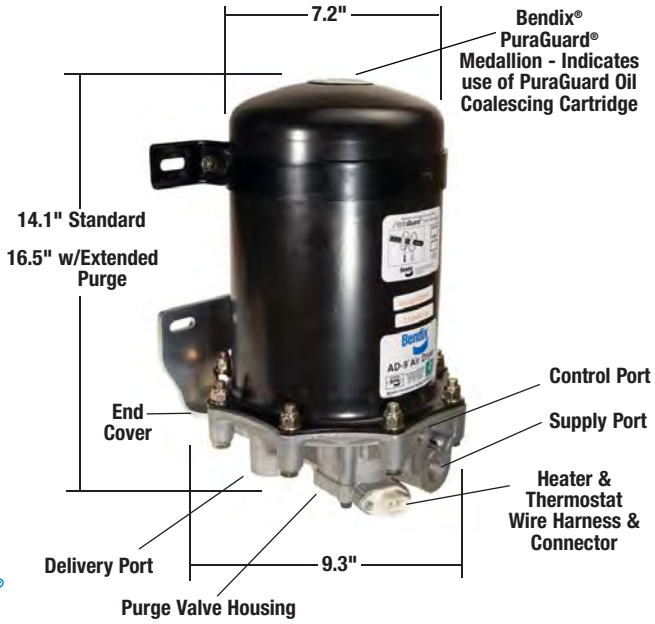
V.M.R.S. 13-010-033

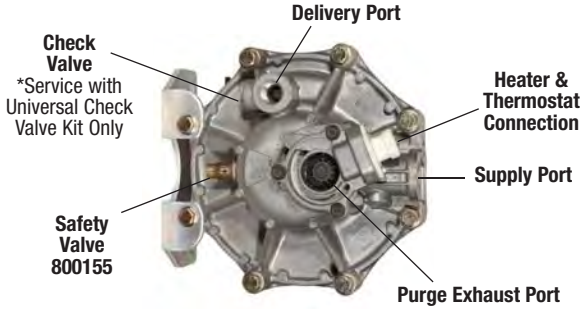
SD-08-2412

Stabilizer

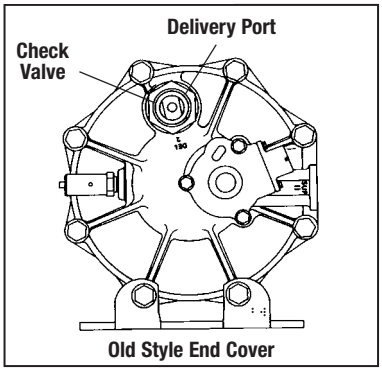
Air Dryer Cartridge

IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is replaced, it must be replaced with a like unit.





New Style End Cover



Old Style End Cover

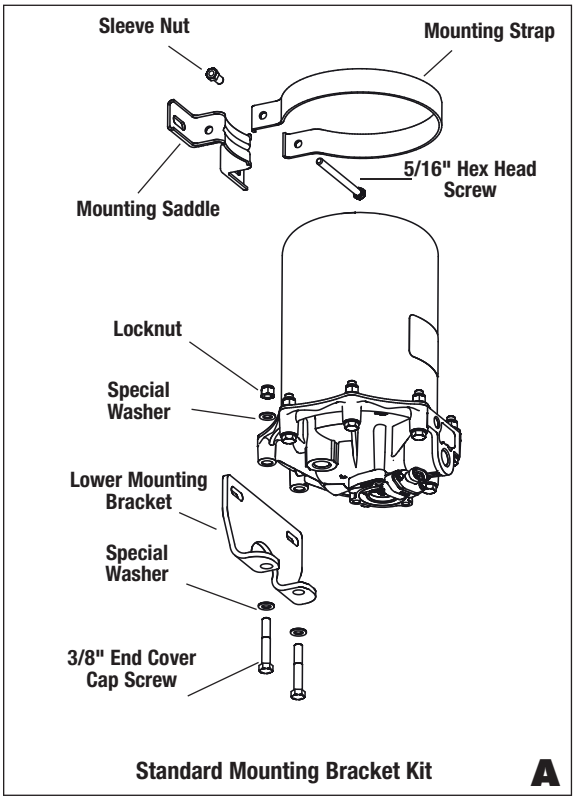
Service New Pc. No.	Reman. Exch. Pc. No.	Purge Volume	Purge Valve	Port Size (NPT)	Heater	Notes
065225	109685X	Standard	Hard	1/2"	12V / 75W	
065226	109687X	Standard	Hard	3/4"	12V / 75W	
800243	–	Standard	Hard	3/4"	24V / 100W	
065650	109689X	Standard	Soft	1/2"	12V / 75W	
065651	109690X	Standard	Soft	3/4"	12V / 75W	
065652	109691X	Extended	Soft	3/4"	24V / 75W	
065499	–	Standard	DLU	1/2"	12V / 75W	
065605	–	Standard	DLU	3/4"	24V / 75W	
065647	–	Standard	Soft	1/2"	12V / 75W	Drop In*
065243	5000205X	Extended	Hard	1/2"	12V / 75W	
065228	065228RX	Extended	Hard	3/4"	12V / 75W	
800686	–	Extended	Hard	1/2"	24V / 75W	
065227	109688X	Extended	Hard	3/4"	24V / 75W	
803106	5020297X	Standard	Hard	1/2"	12V / 75W	Freightliner® DTNA - Cascadia**
800069		Extended	Soft	1/2"	24V / 75W	Drop In*
K046475		Standard	Soft	1/2"	12V / 75W	Tandem
K046476		Standard	Soft	1/2"	24V / 75W	Tandem

*For use with Holset Series QE Compressors only
**Other Bendix® AD-9® air dryer models can not be used in this application.

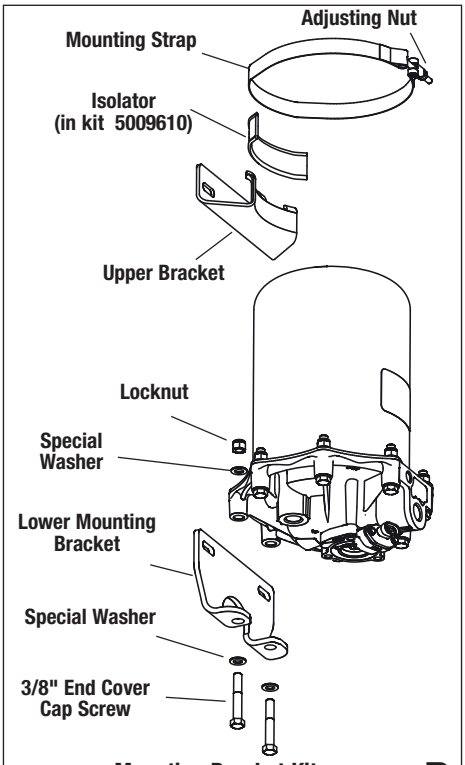
Kit Part Number	Service New (S) or Reman Exchange (RX)	Purge Valve Type	Heater	Connector Color	Kit Description	Illustration (see following pages)
107695	S	–	–	–	Complete Mounting Bracket Kit - Contains the upper and lower brackets as well as the necessary mounting hardware.	A
5002080	S	–	–	–	Mounting Kit	B
5009610	S	–	–	–	Mounting Kit with Isolator	
107799	S	–	–	–	End Cover Check Valve Assembly Replacement - 3/4" thread size.	C
107800N	S	–	–	–	End Cover Check Valve Assembly Replacement - 1/2" thread size.	
5005037	S	Hard Seat	–	–	Purge Valve Housing Maintenance Kit - Contains the parts necessary to rebuild the air portion of the purge valve housing and does not include the heater and thermostat.	D
5005893	S	Soft Seat	–	–		
K041395	S	–	–	–	Universal Check Valve Kit	E
5003838	S	–	–	–	Exhaust Cover Kit	F
5004224N	S	–	–	–	Silencer Kit	G
107796	S	–	–	–	Desiccant Cartridge Replacement Kit - Contains the parts necessary to change the desiccant cartridge only.	H
107794X	RX	–	–	–		
107796PG	S	–	–	–	Bendix® PuraGuard® Oil Coalescing Desiccant Cartridge Replacement Kit - Contains the parts necessary to change the desiccant cartridge only.	
107794PGX	RX	–	–	–		
109960	S	–	–	–	Makeup Line Kit with 13 inch makeup line	I
5000457	S	–	–	–	Makeup Line Kit with 8.6 inch makeup line	
109961	S	–	–	–	Adapter Kit	
800405	S	Soft Seat	12V-75W	White	Purge Valve Housing Assembly (w/ heater and thermostat)	J
5004338	S	Soft Seat	24V-75W	Gray		
5004341X	RX	Soft Seat	12V-75W	White		
5004342X	RX	Soft Seat	24V-75W	Gray		
5004479	S	Hard Seat	12V-75W	White		
5004480	S	Hard Seat	24V-75W	Gray		
5004381	S	Hard Seat	24V-100W	Yellow		
5004339	S	DLU	12V-75W	White		
5004340	S	DLU	24V-75W	Gray		
5006580	S	DLU	24V-100W	Yellow		
K092641	S	–	–	–	Stabilizer Kit	K
109578	S	–	12V-75W	White	Heater and Thermostat Kit	L
109579	S	–	24V-75W	Gray		
5002595	S	–	24V-100W	Yellow		
109871N	S	–	–	–	Heater Electrical Splicing Kit	M
113209	S	–	–	–	Universal Mounting Plate	N
K045359	S	–	–	–	Governor Mounting Bracket	—
5018875	S	–	–	–	Cartridge O-ring Kit	—

Bendix® AD-9® master kit part no. K119759 consists of the following kits:

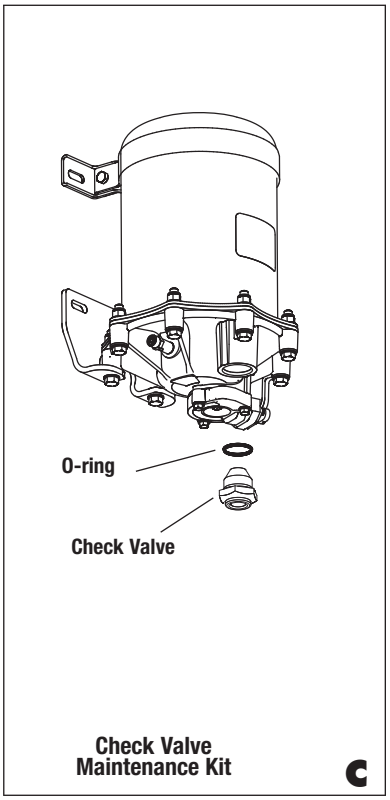
Kit	Description
109578	Heater and thermostat replacement kit
5004479	Standard purge valve assembly kit
K041395	Universal check valve kit
107794PG	Bendix AD-9 PuraGuard desiccant cartridge kit



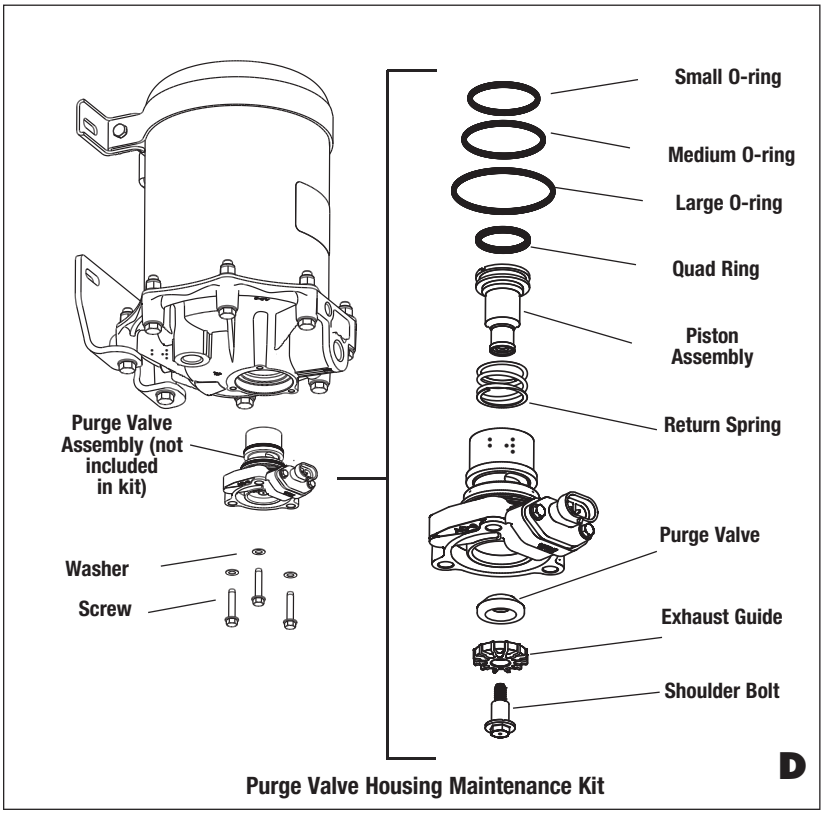
Standard Mounting Bracket Kit **A**



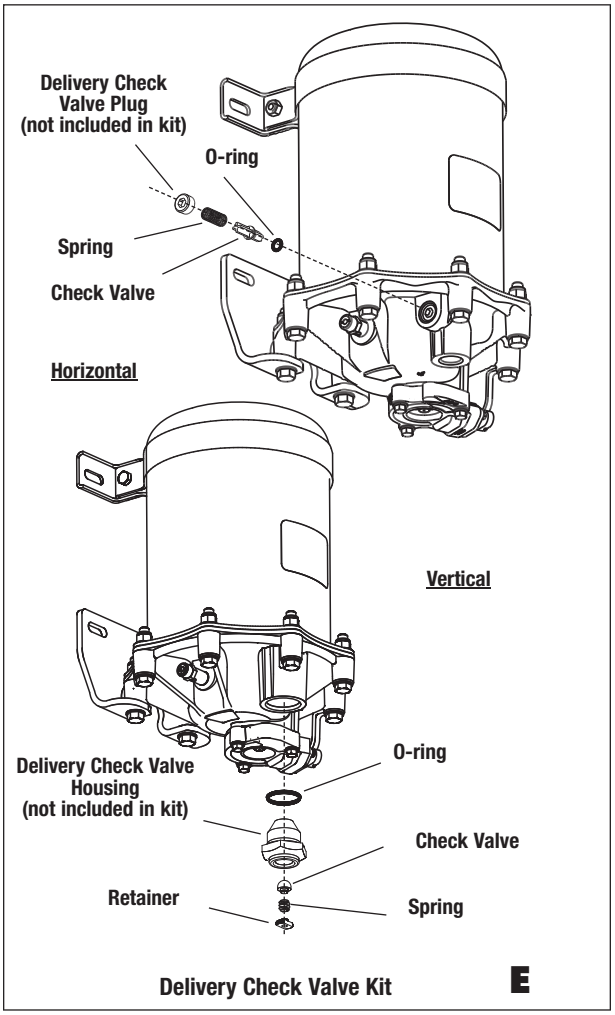
Mounting Bracket Kit **B**



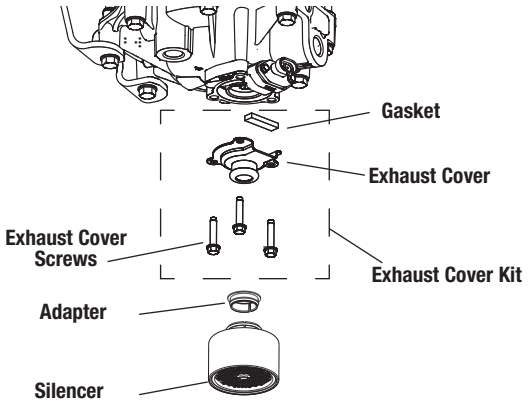
Check Valve Maintenance Kit **C**



Purge Valve Housing Maintenance Kit **D**



Delivery Check Valve Kit **E**



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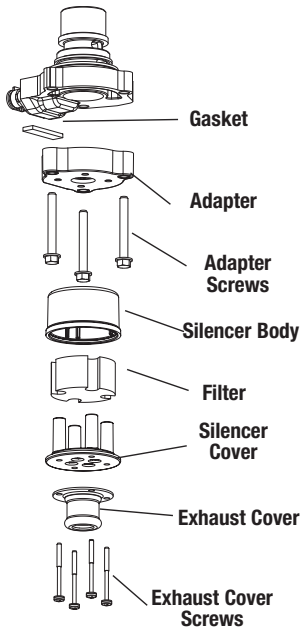
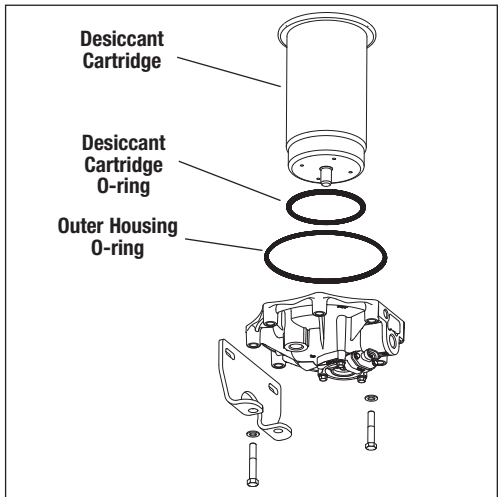
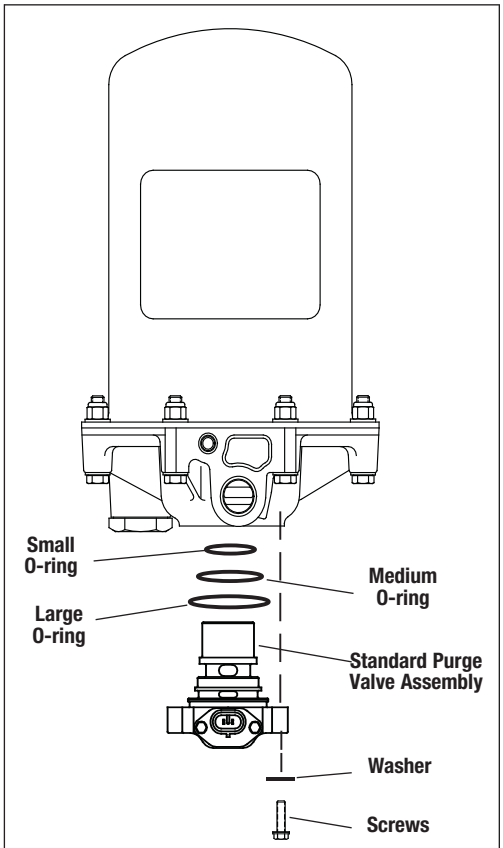


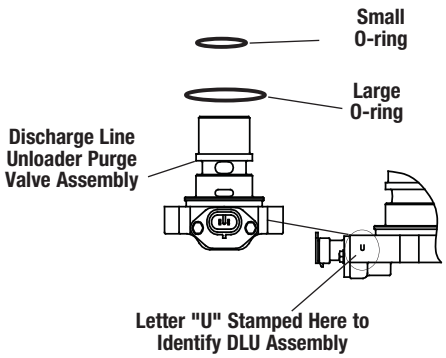
Silencer Kit G



Desiccant Cartridge Kit H

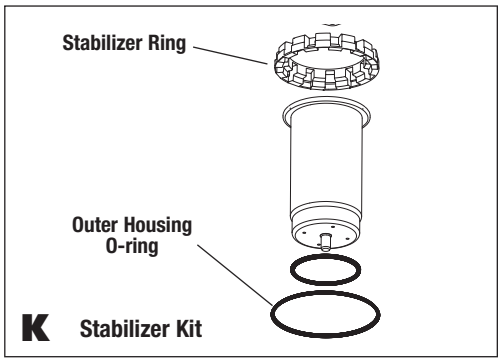


Standard Purge Valve

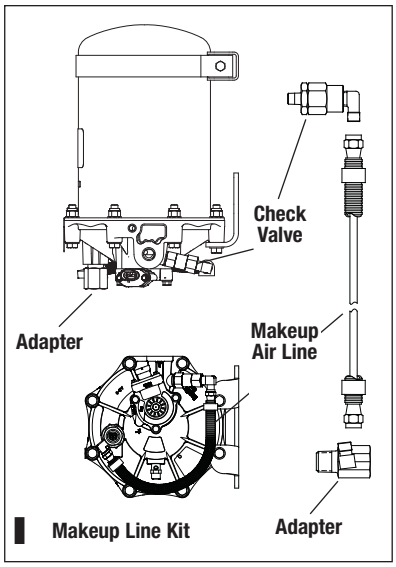


Discharge Line Unloader Purge Valve J

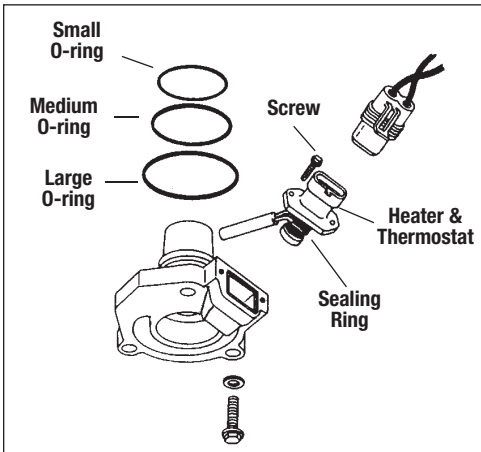
Universal Mounting Plate N



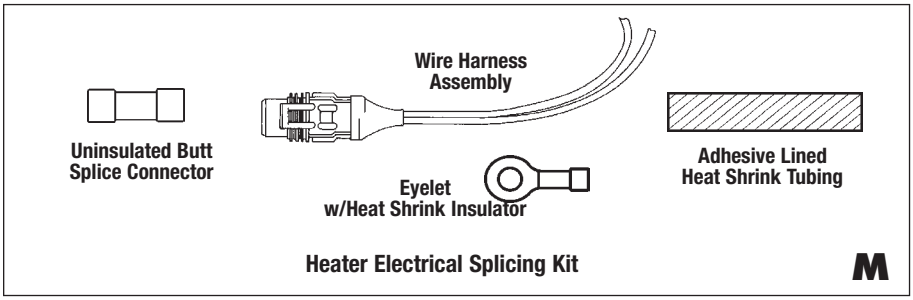
K Stabilizer Kit



I Makeup Line Kit



Heater & Thermostat Kit L



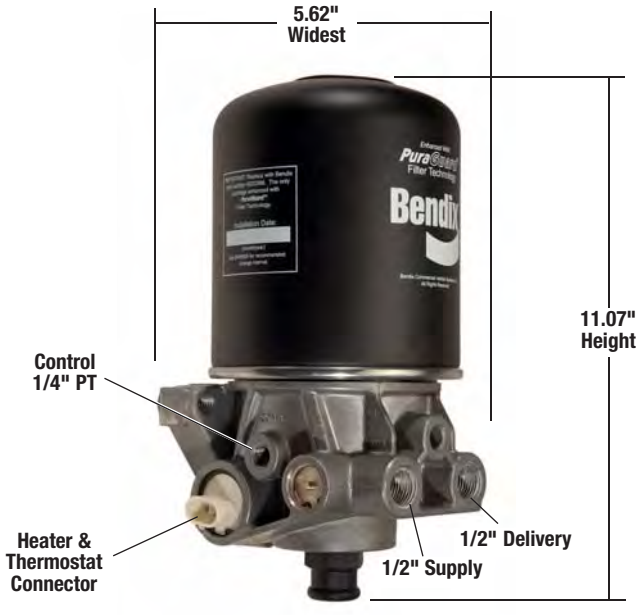
Heater Electrical Splicing Kit M

Bendix® AD-SP® Air Dryer

• System Purge

V.M.R.S. 13-010-033

SD-08-2415



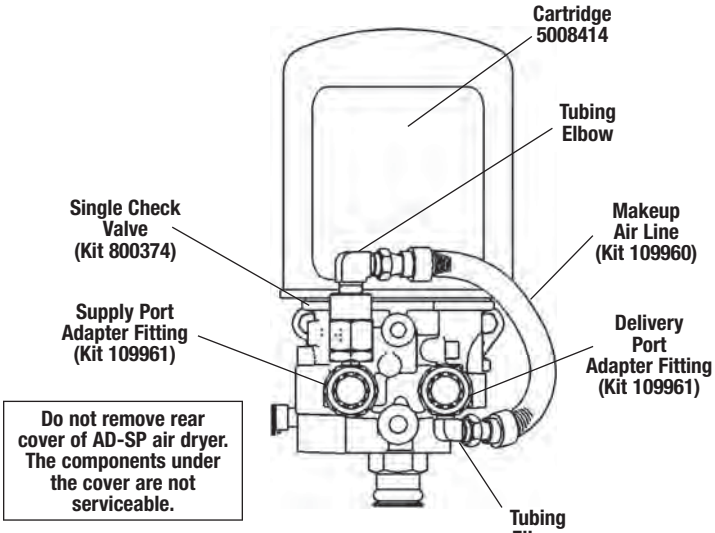
Bendix® AD-SP® Air Dryer

Bendix® AD-SP® Air Dryers & Field Installation Kits

AD-SP® Air Dryer w/ SC-PR™ Valve Service New Pc. No.	AD-SP® Air Dryer Service New Pc. No.	Heater & Thermostat Volts / Watt (See Note 1)	Comments
131031	800887	12V / 90W	—
131032	800972	24V / 90W	—
—	800973	12V / 90W	Drop-In
—	800974	24V / 90W	Drop-In

Note 1: 12 & 24 volt AD-SP air dryers are identified by connector color – White = 12V, Gray = 24V

Maintenance Kits and Service Parts	
Desiccant Cartridge Kit	5008414
Bendix® PuraGuard® Oil Coalescing Cartridge Kit	5008414PG
Purge Valve Kit	109995
Check Valve Kit	5005624
Mounting Bolt Kit	5001201
Silencer Kit	K021189
Turbo Cut-off Kit	109993
Heater & Thermostat Kit - 12V	109495
Heater & Thermostat Kit - 24V	109496
Wire Harness & Splice Kit	109871N



Do not remove rear cover of AD-SP air dryer. The components under the cover are not serviceable.

AD-SP® Air Dryer Drop-In

Bendix® SC-PR™ Single Check Protection Valve – must be used in conjunction with the Bendix AD-SP Air Dryer 065677 - Service New

Bendix PuraGuard Oil Coalescing Cartridge 5008414PG

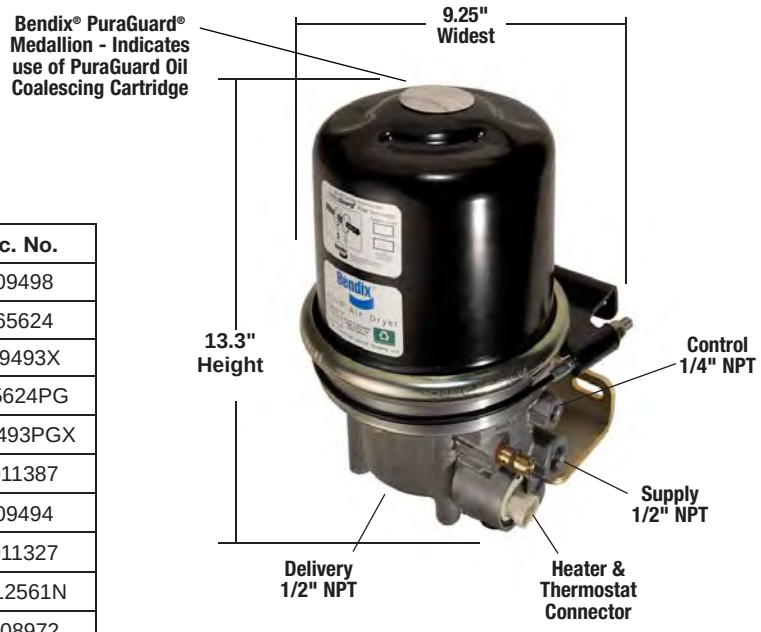
IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is replaced, it must be replaced with a like unit.

Bendix® AD-IP® Air Dryer

• Integral Purge Air Dryer

V.M.R.S. 13-010-033

SD-08-2414



Description	Pc. No.
Cartridge Bolt Kit	109498
Desiccant Cartridge Service New	065624
Desiccant Cartridge Remanufactured	109493X
Bendix® PuraGuard® Coalescing Cartridge Kit - Service New	065624PG
PuraGuard Coalescing Cartridge Kit - Reman Exchange	109493PGX
Desiccant Cartridge O-ring Kit	5011387
Delivery Check Valve Kit	109494
Exhaust Cover Kit	5011327
Extended Purge Kit 3/8" U-Bolt; 93 in³ Reservoir	5012561N
Extended Purge Kit 3/8" U-Bolt; 288 in³ Reservoir	5008972
Extended Purge Kit 1/2" U-Bolt; 93 in³ Reservoir	5005309N
12 Volt Heater & Thermostat Kit	109495
24 Volt Heater & Thermostat Kit	109496
Mounting Bracket Kit	5001247
Silencer Kit	K021189
Wiring Harness & Splicing Kit	109871N
Bendix® ST-4™ Safety Valve	800155

Bendix® AD-IP® Master Kit Part No. K119758 consists of the following kits:	
Kit Pc. No.	**Description**
109495	Heater and thermostat replacement kit
109494	Delivery port check valve replacement kit
K022105	Purge valve assembly replacement kit
109493PG	Bendix AD-IP PuraGuard desiccant cartridge kit

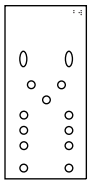
For purge valve kits see the Bendix® AD-IS® and AD-IP® Air Dryer Purge Valve Maintenance Kit section of this catalog.

Service New Pc. No.	Reman. Exch. Pc. No.	Heater & Thermostat Volts / Watt	Comments
065612	109477X	12V / 90W	See notes 1-3 below
065613	109478X	24V / 90W	
065693	109503X	12V / 90W	
800089	5000985X	12V / 90W	
800618	5006234X	24V / 90W	
800576	5005556X	12V / 90W	

All AD-IP air dryers are extended purge capable.

Bendix® AD-IP® Drop-In Air Dryer

Notes:
1. *12 & 24 volt air dryers are identified by connector color - White = 12v, Gray = 24v*
2. *Center to center of slots in both mounting brackets 5.64 inches*
3. *Includes 5001247 (mounting bracket kit).*



Universal Mounting Plate Pc. No. 113209 (Can be used to mount any Bendix® air dryer to vehicle)

Exhaust Cover Kit 5011327

Wire Harness Assembly (Use Kit 109871N)

Bendix® AD-IP® Drop-In Air Dryer

Service Pc. No.	Reman Pc. No.	Supply Port	Delivery Port	Heater & Thermo. Volts / Watt	Comments
800067	5000709X	1/2" PT	1/2" PT	12V / 90W	Notes 1-3

Notes:
1. *All replacement air dryers include 5001247 (mounting bracket kit).*
2. *12 & 24 volt air dryers are identified by connector color - White = 12v, Gray = 24v*
3. *Includes Drop-In Check Valve Kit*

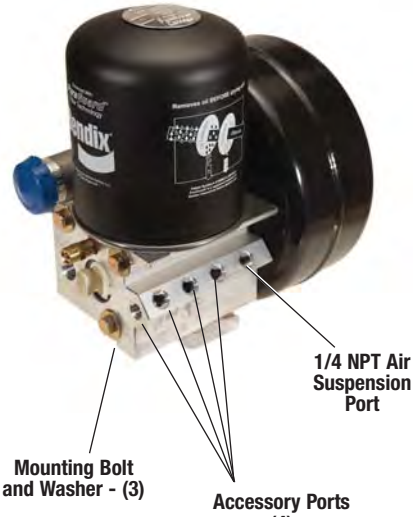
IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is replaced, it must be replaced with a like unit.

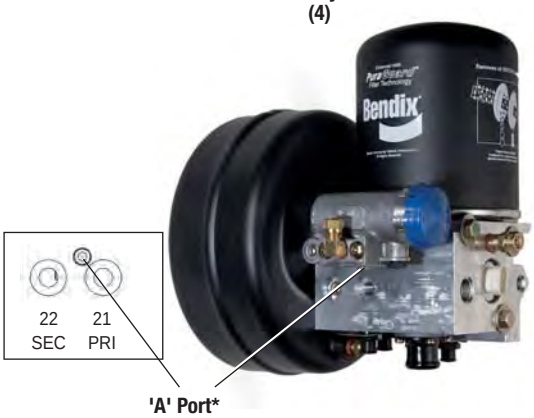
Bendix® AD-IS® Air Dryer

• Spin on cartridge

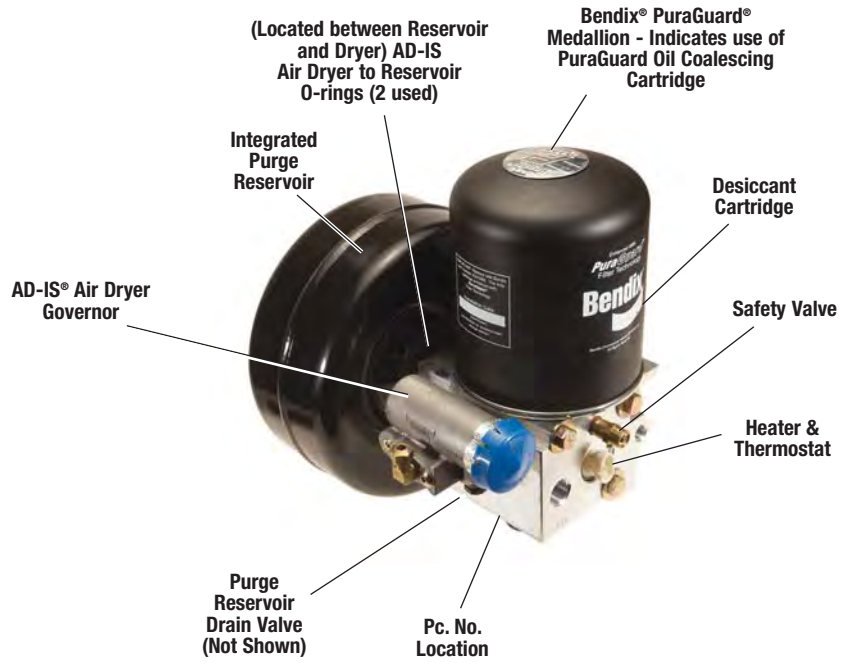
V.M.R.S. 13-010-033

SD-08-2418





*Bendix AD-IS air dryers with a plugged port 'A' can not be interchanged with those that do not have a port in this location.



KITS AND SERVICE PARTS

Delivery Check Valve Replacement Kit	5004052
Desiccant Cartridge Replacement Kit	5008414
Integrated Bendix® PuraGuard® Coalescing Desiccant Cartridge Service New Kit	5008414PG
Drain Valve	5004961N
Governor	800361
Governor Adapter	5003698
Governor and Check Valve Replacement Kit	5004049
Governor Gasket	5007834
Heater & Thermostat Replacement (12 volt)	109495
Heater & Thermostat Replacement (24 volt)	109496
Mounting Bolt & O-Ring Kit	5009233
Protective Boots (for pressure protection valves)	5005163
Safety Valve	800350
Splash Shield Kit (includes bracket and cover)	5006698
Splash Shield Cover	5005266N
Silencer Kit	K021189
Wiring Harness & Splice Kit	109871N

Specialty Kits

Adapter Block and Check Valve Kit	5011033
Delivery Check Valve Kit for Adapter Block	5011034
Exhaust Cover Kit for Purge Valve	5011327
Governor (KB low range) and Check Valve Kit	5010935
Extended Purge Kit (converts a single AD-IS extended purge to a tandem AD-IS extended purge kit)	5018543

Notes:

1. *For purge valve kits see the Bendix® AD-IS® and AD-IP® Air Dryer Purge Valve Maintenance Kits section of this catalog.*
2. *There are no kits available for the pressure protection valves. These are not serviceable items - see warning below.*

Bendix® AD-IS® Master Kit Part No. K119757 consists of the following kits:	
Kit	**Description**
109495	Heater and Thermostat replacement kit
5004052	Delivery check valve replacement kit
K022105	Purge valve assembly replacement kit
5008414PG	Bendix AD-IS PuraGuard desiccant cartridge kit

Pc. No. on AD-IS® Air Dryer (Ref.)	'A' Port*	Service Pc. No.	Reman Pc. No.	Primary Port	Primary Port Opening Pressure	Secondary Port	Secondary Port Opening Pressure	Accessory Ports Opening Pressure	Suspension Port Opening Pressure	Heater Voltage (90 Watt)	Comments
5005921 (Note 2)	—	800959	5008871X	1/2" PTC	103 psi	1/2" PTC	109 psi	55 psi	85 psi	12	GMT560-C (obsolete)
5008296 (Note 2)	Plugged	801145	5010104X	1/4" NPT	106 psi	1/4" NPT	106 psi	106 psi	106 psi	24	Orion Bus
5008925 (Note 2)	—	—	5008871X	1/2" PTC	103 psi	1/2" PTC	109 psi	55 psi	85 psi	12	GMT560-T (obsolete)
5010134	Plugged	801147	5010133X	1/4" NPT	106 psi	1/4" NPT	106 psi	106 psi	106 psi	12	Generic 12V
5010135	Plugged	801147	5010133X	1/4" NPT	106 psi	1/4" NPT	106 psi	106 psi	106 psi	12	Generic 12V
5010212	Plugged	801164	5010211X	1/4" NPT	106 psi	1/4" NPT	106 psi	106 psi	106 psi	24	Generic 24V
5010213	Plugged	801164	5010211X	1/4" NPT	106 psi	1/4" NPT	106 psi	106 psi	106 psi	24	Generic 24V
5010694 (Note 1)	Plugged	801266	5010696X	1/4" NPT	103 psi	1/4" NPT	109 psi	109 psi	109 psi	12	Peterbilt
5010900	Plugged	810301	5010924X	1/4" NPT	103 psi	1/4" NPT	103 psi	103 psi	109 psi	12	DLU Operation
5015533	Plugged	801266	5010696X	1/4" NPT	103 psi	1/4" NPT	109 psi	109 psi	109 psi	12	Kenworth
5015534	Plugged	801266	5010696X	1/4" NPT	103 psi	1/4" NPT	109 psi	109 psi	109 psi	12	Kenworth
5016364 (Note 2)	Plugged	802191	—	1/4" NPT	106 psi	1/4" NPT	106 psi	106 psi	106 psi	12	International
5016420 (Note 2)	—	802174	5008871X	1/2" PTC	103 psi	1/2" PTC	109 psi	55 psi	85 psi	12	GMT560-C (obsolete)
5016421 (Note 2)	—	802174	5008871X	1/2" PTC	103 psi	1/2" PTC	109 psi	55 psi	85 psi	12	GMT560-T (obsolete)

Notes:

1. *Contains three (3) Accessory ports - all other Bendix® AD-IS® air dryers shown have four (4) Accessory ports.*
2. *Bendix AD-IS® air dryer has 1/4" NPT auxiliary inlet port.*

Bendix® AD-IS® and AD-IP® Air Dryer Purge Valve Maintenance Kits

Description	Configuration / Installation	Piece Number*	Purge Valve Type
Purge Valve Assembly Kit for climate conditions above -40°C (-40°F)	Bendix® AD-IS® / AD-IP® / AD-9si® Air Dryer	K022105	Hard Seat
	AD-IS/ AD-IP EverFlow® Air Dryer Modules, AD-9si Air Dryer (soft seat version)	K031560	Soft Seat
Arctic Purge Valve Assembly Kit for climate conditions between -40°C to -50°C (-40°F to -58°F)	AD-IS / AD-IP / AD-9si Air Dryer	K031559	Hard Seat
	AD-IS/ AD-IP EverFlow® Air Dryer Modules, AD-9si Air Dryer (soft seat version)	K031561	Soft Seat
Purge Valve Assembly Kit for climate conditions above -40°C (-40°F)	AD-IP / AD-9si Discharge Line Unloader (DLU) Air Dryer	K031562	–
Arctic Purge Valve Assembly Kit for climate conditions between -40°C to -50°C (-40°F to -58°F)	AD-IP / AD-9si Discharge Line Unloader (DLU) Air Dryer	K031563	–

WARNING:

Do not attempt to adjust or service the Pressure Protection valves. Incorrect pressure protection valve settings can result in automatic application of vehicle spring brakes without prior warning.

IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is replaced, it must be replaced with a like unit.

Bendix® DRM™ Dryer Reservoir Module with Bendix® AD-IS® Air Dryer

SD-98-9808

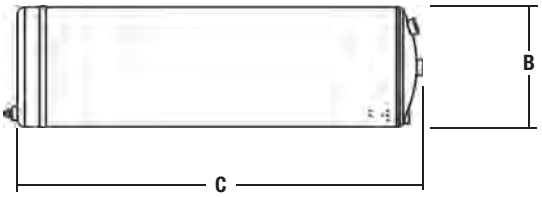
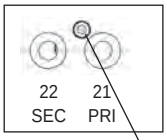


Figure 1

Bendix® AD-IS® Air Dryer is used on Bendix® DRM™ Dryer Reservoir Module

AD-IS® Service New Pc. No.	AD-IS® Reman. Exch. Pc. No.	Pc. No. on AD-IS® Air Dryer (Reference)	'A' Port* Plug	Suspension Port	Accessory Ports (Qty.)	Heater Voltage (90 Watt)
800383	5004050X	5003424	without	1/4" NPT	1/4" NPT (4)	12
800838	5008332X	5007593	without	1/4" PTC	1/4" NPT (3) 3/8" PTC (1)	12
801100	5009483X	5009232	without	1/4" NPT	1/4" NPT (4)	12
801330	5011075X	5011074	without	none	none	12

PTC = Push-to-Connect



***Bendix® AD-IS® air dryers with a plugged port 'A' can not be interchanged with those that do not have a port in this location.**

Service and Remanufactured Bendix® AD-IS® air dryers do not include Bendix® DRM™ Reservoirs or Purge Volume Reservoirs.

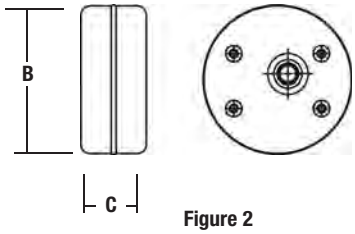


Figure 2

Reservoirs for Bendix® DRM™ Dryer Reservoir Module

Service New Pc. No.	'B' Dia.	'C' Length	Number of Compartments	Comments	Figure
5005313N	9"	53.5"	2	Steel	1
5009107N	9"	55.5"	2	Aluminum	1
5007588	9"	26"	3	Steel	1
5008939N	9"	29.8"	2	Steel	1
5009569N	12"	56.1"	3	Steel	1
5011548N**	9"	53.5"	3	Steel	1

**for use on vehicle with FreedomLine transmission & has an integral 610 in^3 chamber

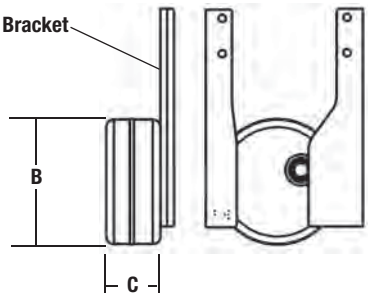


Figure 3

Purge Volume Reservoirs

Service New Pc. No.	'B' Dia.	'C' Length	Volume (Cubic Inches)	Mounting Bracket	Figure	Comments
5009028N	9"	6"	300	4 Hole SAE Mtg.	2	Extended Purge
5008574	9"	3.9"	200	4 Hole SAE Mtg.	2	Standard
5011292	9"	3.9"	200	Included	3	Standard

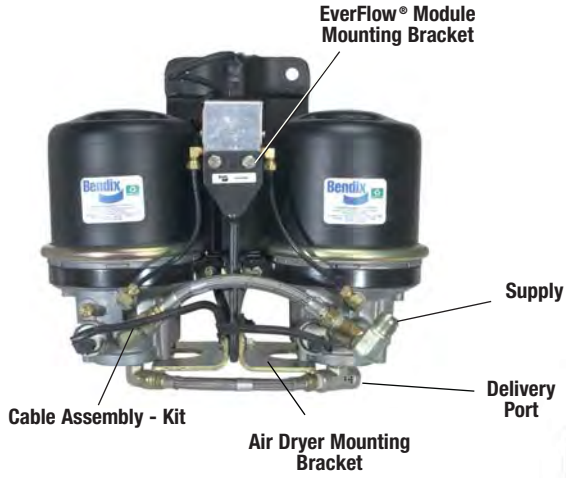
IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is replaced, it must be replaced with a like unit.

Bendix® EverFlow® Module Assembly

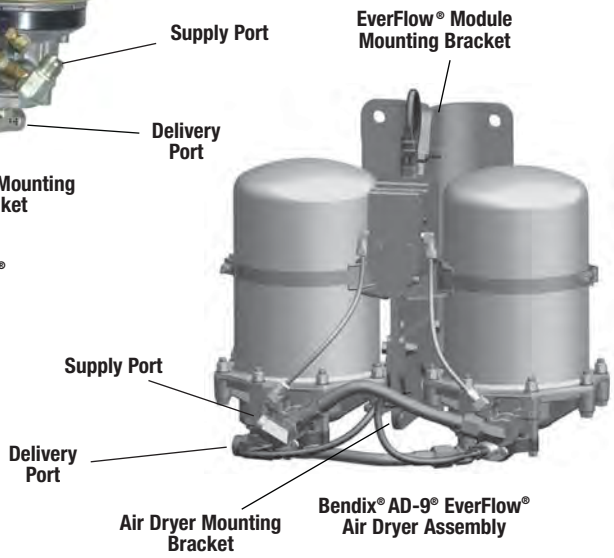
SD-08-2417

Service New Assembly Pc. No.	Voltage	Air Dryer				Bendix® EverFlow® Module			Supply & Delivery Port Location
		Type	Service New Pc. No.	Reman. Exch. Pc. No.	Mounting Bracket	Module	Mounting Bracket	Cable Assembly Kit	
801032	12	AD-9®	065650	109689X	5009610	800685	5008483	5008484	Shown
801788	24		801803	—		800722			
800801	12	AD-IP®	065693	109503X	5001247	800685	5008483	5008484	Shown
801288	24		065613	109478X		800722			
802121	12	AD-IS®	802114 Alpha	DNA	5017324	800685	Part of Dryer Bracket	5015949	Shown
802537			802115 Beta						Opposite

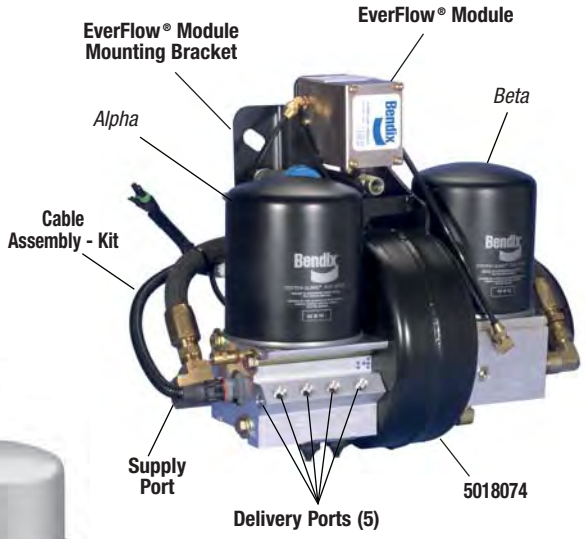
For model specific service kits see the individual air dryer page.



Bendix® AD-IP® EverFlow® Air Dryer Assembly



Bendix® AD-9® EverFlow® Air Dryer Assembly



Bendix® AD-IS® EverFlow® Air Dryer Assembly

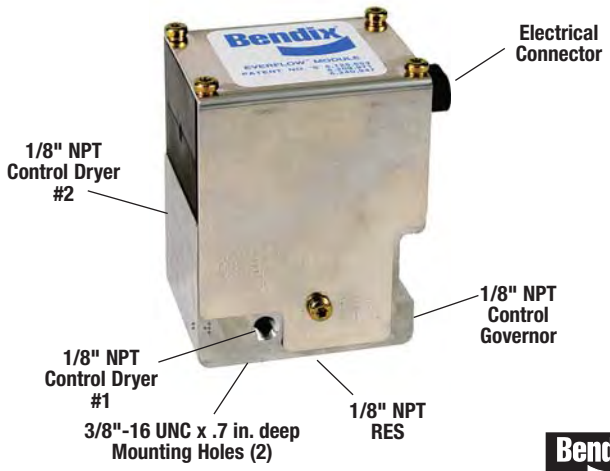
IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is replaced, it must be replaced with a like unit.

Bendix® EverFlow® Air Dryer Module

SD-08-2417

Retrofit Kit* Service New Pc. No.	Service New Pc. No.	Voltage
800684	800685	12 V
800723	800722	24 V

*Includes EverFlow® module & hardware – does not include air dryers.



IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is the OE Standard it must be replaced with a like unit.

Vehicle Make/ Platform/Model	Engine	Bendix® Air Dryer	Type	Bendix® PuraGuard® Oil Coalescing Cartridge	
				OE Standard	OE Spec Option
FREIGHTLINER®					
Thomas Built Bus	Cummins® ISB6.7, ISC8.3, ISL9	AD-9® Air Dryer	Service New	—	107796PG
			Reman	—	107794PGX
		AD-IP® Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
FCCC	Cummins ISB6.7, ISC8.3, ISL9	AD-9 Air Dryer	Service New	—	107796PG
			Reman	—	107794PGX
Business Class® M2	Detroit™ DD13®, DD15®, DD16®	AD-IP Air Dryer	Service New	065624PG	—
			Reman	109493PGX	—
		DRM™ Dryer Reservoir Module	Service New	5008414PG	—
		AD-9si® Air Dryer	DD Service New	5008414PG	—
	Cummins ISB6.7, ISC8.3, ISL9	AD-IP Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
		DRM Dryer Reservoir Module	Service New	—	5008414PG
		AD-9si Air Dryer	Cummins Service New	—	5008414PG
Cascadia®	Detroit DD13, DD15, DD16	AD-9 Air Dryer	Service New	107796PG	—
			Reman	107794PGX	—
		AD-IP Air Dryer	Service New	065624PG	—
			Reman	109493PGX	—
		AD-9si Air Dryer	DD Service New	5008414PG	—
	Cummins® ISX15	AD-9 Air Dryer	Service New	—	107796PG
			Reman	—	107794PGX
		AD-IP Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
		AD-9si Air Dryer	Cummins Service New	—	5008414PG
Coronado®	Detroit DD13	AD-SP® Air Dryer	Service New	5008414PG	—
		AD-9 Air Dryer	Service New	107796PG	—
			Reman	107794PGX	—
		DRM Dryer Reservoir Module	Service New	5008414PG	—
WESTERN STAR®					
Western Star	Detroit DD13, DD15, DD16	AD-9 Air Dryer	Service New	107796PG	—
			Reman	107794PGX	—
		AD-IP Air Dryer	Service New	065624PG	—
			Reman	109493PGX	—
		AD-9si® Air Dryer	DD Service New	5008414PG	—
	DD Tier 3	AD-9 Air Dryer	Service New	107796PG	—
			Reman	107794PGX	—
		AD-IP Air Dryer	Service New	065624PG	—
			Reman	109493PGX	—
		AD-9si Air Dryer	DD Service New	5008414PG	—

IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is the OE Standard it must be replaced with a like unit.

Vehicle Make/ Platform/Model	Engine	Bendix® Air Dryer	Type	Bendix® PuraGuard® Oil Coalescing Cartridge	
				OE Standard	OE Spec Option
WESTERN STAR® *(Continued)*					
Western Star	Cummins® ISC, ISL, ISX15	AD-9® Air Dryer	Service New	—	107796PG
			Reman	—	107794PGX
		AD-IP® Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
		AD-9si® Air Dryer	Cummins Service New	—	5008414PG
MACK®					
Refuse Mack® TerraPro™	Mack® MP8	AD-RP™ Air Dryer	Service New	5008414PG	—
CONSTRUCTION Mack® Granite® Series	Mack® MP7, MP8	AD-9 Air Dryer	Service New	107796PG	—
			Reman	107794PGX	—
		AD-IP Air Dryer	Service New	065624PG	—
			Reman	109493PGX	—
HIGHWAY Mack® Pinnacle™ Series	Mack MP7, MP8	AD-RP Air Dryer	Service New	5008414PG	—
		AD-9 Air Dryer	Service New	107796PG	—
			Reman	107794PGX	—
		AD-IP Air Dryer	Service New	065624PG	—
			Reman	109493PGX	—
HEAVY HAUL Titan by Mack®	Mack® MP10	AD-RP Air Dryer	Service New	5008414PG	—
		AD-9 Air Dryer	Service New	107796PG	—
			Reman	107794PGX	—
		AD-IP Air Dryer	Service New	065624PG	—
			Reman	109493PGX	—
VOLVO®					
VHD, VHD 430	Volvo® D11, D13	AD-RP Air Dryer	Service New	5008414PG	—
		AD-9 Air Dryer	Service New	107796PG	—
			Reman	107794PGX	—
		AD-IP Air Dryer	Service New	065624PG	—
			Reman	109493PGX	—
VN 780, VN 730, VN 670, VN 630	Volvo® D11, D13, D16	AD-RP Air Dryer	Service New	5008414PG	—
VNL 430, VNM / VNL Daycab	Cummins ISX15	AD-9 Air Dryer	Service New	107796PG	—
			Reman	107794PGX	—
		AD-IP Air Dryer	Service New	065624PG	—
			Reman	109493PGX	—
KENWORTH®					
T680, T660, W900, T800, C500		AD-IS® EverFlow® Air Dryer	Service New	—	5008414PG
T470, T440, T370, T270, T170, K370		AD-SP® Air Dryer	Service New	—	5008414PG
		AD-IS® Air Dryer	Service New	—	5008414PG
T700		AD-IS® EverFlow® Air Dryer	Service New	—	5008414PG
		AD-IS® Air Dryer	Service New	—	5008414PG

IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is the OE Standard it must be replaced with a like unit.

Vehicle Make/ Platform/Model	Engine	Bendix® Air Dryer	Type	Bendix® PuraGuard® Oil Coalescing Cartridge	
				OE Standard	OE Spec Option
PETERBILT®					
Models 348, 365, 367, 382, 384, 386, 389, 579, 587		AD-IS® EverFlow® Air Dryer	Service New	—	5008414PG
		AD-IP® Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
		AD-IS® Air Dryer	Service New	—	5008414PG
Models 210, 220, 320, 325, 330, 337		AD-IP Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
		AD-IS Air Dryer	Service New	—	5008414PG
INTERNATIONAL®					
DuraStar® 4000	MaxxForce® 7/8/9/10/DT	AD-9® Air Dryer	Service New	—	107796PG
			Reman	—	107794PGX
		AD-IP Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
PayStar® 5000	MaxxForce® 11/13/15	AD-9 Air Dryer	Service New	—	107796PG
			Reman	—	107794PGX
		AD-IP Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
WorkStar® 7000	MaxxForce 9/10/11/13/DT	AD-IS® EverFlow® Air Dryer	Service New	—	5008414PG
		AD-9 Air Dryer	Service New	—	107796PG
			Reman	—	107794PGX
		AD-IP Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
TranStar® 8000	MaxxForce 11/13	AD-9 Air Dryer	Service New	—	107796PG
			Reman	—	107794PGX
		AD-IP Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
9900 Series LoneStar® ProStar®	MaxxForce 11/13/15	AD-IS Air Dryer	Service New	—	5008414PG
		AD-IS® EverFlow® Air Dryer	Service New	—	5008414PG
IC BUS™ - CE (Conventional) IC BUS™ - FE (Front Engine) IC BUS™ - RE (Rear Engine)	MaxxForce 7/8/9/10/DT	AD-9 Air Dryer	Service New	—	107796PG
			Reman	—	107794PGX
		AD-IP Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX
BD CHASSIS - HC (Blue Diamond)	MaxxForce 7/8/9/10/DT Cummins® ISB 6.71	AD-9 Air Dryer	Service New	—	107796PG
			Reman	—	107794PGX
		AD-IP Air Dryer	Service New	—	065624PG
			Reman	—	109493PGX

Bendix® PuraGuard® Oil Coalescing Cartridge piece numbers

Bendix® Air Dryer	PuraGuard® Service New	PuraGuard® Reman
AD-IS®, AD-SP®, AD-RP™, AD-9si®	5008414PG	—
AD-IP®	065624PG	109493PGX
AD-9®	107796PG	107794PGX

Bendix® AD-IS®, AD-SP®, AD-RP™ or AD-9si® Air Dryer Cartridge

Bendix® AD-IP® Air Dryer Cartridge

Bendix® AD-9® Air Dryer Cartridge

Bendix® PuraGuard® oil coalescing air dryer identification

Current production air dryers with the Bendix® PuraGuard® oil coalescing filter have one, or more, of these identifiers. (Early production may not include either of these and may only be identified by part number.)

Medallion - located on the top of the air dryer

Label or imprint - located on the side of the air dryer cartridge

Bendix®

Longer stopping distances. Damaged rotors. Voided warranty... Not what you want from your air disc brake replacement pads.

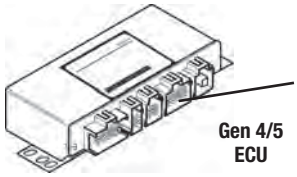
Maintain performance, safety, and service life with Bendix® replacement pads. The new BX276 pad fits both tractor and trailer. Or select our new severe duty pad.

Need help deciding on the right replacement pad? Call 1-800-AIR-BRAKE (1-800-247-2725).

Bendix® EC-30™ Electronic Controller

SD-13-4815

EC-30™ ECU



Service New Pc. No.	Sensors/ Modulators	Traction Control	J1939 Dash Support	Customers Include (Comments)	Engine Communication
801167	4S/4M	Yes	Yes	International	J1939
801173	6S/4M	Yes	–	International	
801177	4S/4M	Yes	Yes	International	
801180	6S/4M	Yes	–	Freightliner / Mack	
801199	6S/4M	Yes	Yes	GMC	
801202	6S/4M	Yes	Yes	GMC	
801227	6S/4M	Yes	–	Volvo	
801228	6S/4M	Yes	–	–	
801239	6S/4M	Yes	–	Mack	
801233	6S/4M	Yes	–	Volvo (EC-16™ / EC-17™ ECU Service Replacement)	
801234	6S/4M	Yes	–	GMC (86 Tooth Tone Ring - EC-17™ ECU Service Replacement)	
801235	6S/4M	Yes	–	GMC (100 Tooth Tone Ring - EC-17™ ECU Service Replacement)	
801236	6S/4M	Yes	–	(EC-16™ / EC-17™ ECU Service Replacement)	
801335	6S/4M	Yes	–	–	
801205	4S/4M	–	–	GMC (100 Tooth Tone Ring)	
801206	4S/4M	–	–	GMC (86 Tooth Tone Ring)	

Gen 4/5 Electronic Control Unit (ECU)

SD-13-4746

OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Traction Control	Engine Communication	Mounting	Comments
300130	801764	6S/6M	Yes	J1939	Frame	24 Volt
300199	801765	4S/4M	Yes	J1922		–
300208	801759	4S/4M	Yes	J1939		–
300345	801755	6S/6M	Yes			Configured as 6S/4M ABS[1]
300367	801756	4S/4M	Yes			–
300368, 5012926	801758	6S/6M	Yes			Configured as 6S/4M ABS[1]
5012608	801762	4S/4M	–			–
300222	300222N	4S/4M	–	No	Cab	–
300342	801752					
300344, 5006806	801753	6S/6M	Yes	J1939		Configured as 6S/4M ABS[1]
5012582	801754	6S/6M	Yes			Use for a 6 x 2 vehicle with a tag axle

[1] ECU reconfiguration required for 6S/6M and/or Traction Control. The following tools can be used for reconfiguration: Bendix® ACom® Diagnostic Software (free download available from bendix.com), or Nexiq™ Pro-Link iQ™ application card (Nexiq p/n 804001).

NOTE: Gen 4/5 ECUs were formerly marketed under the Eaton® brand name.

Bendix® EC-60™ Advanced Cab ECU

All shown have traction control and communicate over J1587 and J1939.

SD-13-4863

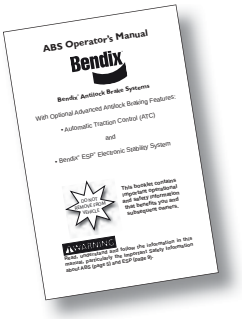
Customer	OE Pc. No.	Service New Pc. No.	Stability Configuration	Sensors/ Modulators	Supply Voltage	PLC
Volvo, Mack	802780	K094249*	Electronic Stability Program (ESP)	4S/4M	12	Yes
	5018531					
	K022161					
	K031692					
	K040157					
	K070746					
	K094246					
—	801905	K060080				
	803082					
	5012231					
	5019416					
	K023054					
	K038368					
	K039393					
International	803146					
	5016144					
	5020080					
	K033963					
	K033964					
	K034014					
	K040122					
PACCAR	K021136					
	K021415					
	K021416					
	K024560					
	K025766					
	K025780					
	K041759					
International	802054	K065143	Roll Stability Program (RSP)			
	803147					
	5015578					
	5020081					
	K033968					
	K033969					
	K034015					
	K040121					
	K041711					

*Aftermarket part number K094249 for Volvo & Mack ESP configured vehicles is only available through a Volvo or Mack dealer.

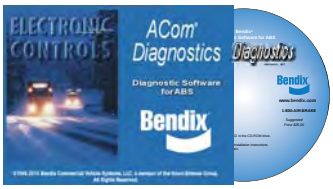
Note: It is recommended that the part number being replaced is verified and cross-referenced to the aftermarket replacement number from the part itself or read back through the OEM's service tool or Bendix® ACom® diagnostics.

Bendix® EC-60™ Advanced

IMPORTANT
The vehicle VIN number must be specified when ordering Bendix® EC-60™ Advanced ECUs, since the ECU is individually configured for the vehicle.



Bendix® Antilock Brake Systems Operator's Manual BW2489 (ESP) and BW2499 (RSP) are available on bendix.com



Bendix® ACom® Diagnostic Software visit bendix.com

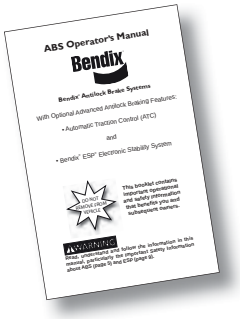
Bendix® EC-60™ Standard Cab ECU

All shown communicate over J1587 and J1939

SD-13-4863

Customer	OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Supply Voltage	PLC	Notes
—	801876	K058637	4S/4M	12	Yes	
	801877					
	5012226					
	K038358					
	K038360					
	K039381					
PACCAR	K021134					
	K021414					
	K041767					
International	802130	K065137				PLC operation for International
	5016139					
	K040114					
	K041718					
International	802136	K065135				Configured for J1939 control of ABS warning lamp
	802325					
	5016145					
	5016357					
	K020367					
	K020368					
	K020833					
	K020834					
	K040115					
	K040116					
	K041720					

Bendix® EC-60™ ECU Standard (Cab)



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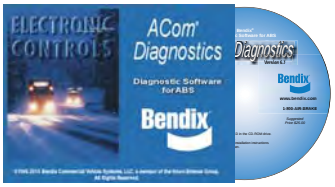


Bendix® ACom® Diagnostic Software visit bendix.com

Bendix® EC-60™ Standard Frame ECU

All shown communicate over J1587 and J1939

SD-13-4863

Customer	OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Supply Voltage	PLC	Notes
—	801879	K058645	4S/4M	12	Yes	
	802131					
	5012228					
	5016140					
	5020281					
	K020841					
	K038362					
	K038363					
	K039532					
	K040077					
International	802132	K065141				PLC operation for International
	5016141					
	K020369					
	K041714					
	K020832				No	
	K040078					
GM	5015991	802831				Includes mounting bracket; retarder disable via relay
	5018131	802833				

Bendix® EC-60™ ECU Standard (Frame)

Service Replacement Cover 300271

Note: It is recommended that the part number being replaced is verified and cross-referenced to the aftermarket replacement number from the part itself or read back through the OEM's service tool or Bendix® ACom® diagnostics.

Bendix® EC-60™ Premium Cab ECU

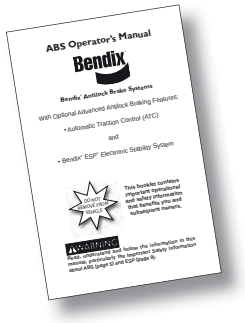
All shown are traction control capable and communicate over J1587 and J1939.

SD-13-4863

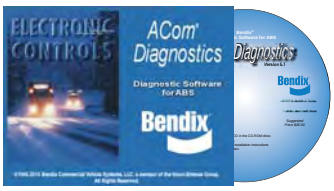
Customer	OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Supply Voltage	PLC	Notes
–	801880 803167 5012229 5013147 5013148 5020000 K039698	K058703	4S/4M	12	Yes	
PACCAR	K021135 K021412 K041761 K041775 K048751	K060104				Configured to receive J1939 signals for ABS and ATC switches from PACCAR vehicles
International	802133 803168 5016142 5020001 K040117 K041721	K065134				Configured for J1939 control of ABS warning lamp
	802324 5016356 K022285 K022568 K040118 K041722	K065133				PLC operation for International
Volvo, Mack	802781 5018530 5018581 K019671 K034397 K034569	K060325				J1939 and J1587 messages configured per Volvo/Mack requirements
–	801882 5012251 K038365 K039712	K058704		24	No	

Bendix® EC-60™ Premium (Cab)

Notes:
- It is recommended that the part number being replaced is verified and cross-referenced to the aftermarket replacement number from the part itself or read back through the OEM's service tool or Bendix® ACom® diagnostics.
- Premium ECUs may be modified by the OEMs during installation. The part may require re-configuration using the OEM's service tool or Bendix® ACom® diagnostics.



Bendix® Antilock Brake Systems Operator's Manual BW2489 (ESP) and BW2499 (RSP) are available on bendix.com



Bendix® ACom® Diagnostic Software visit bendix.com

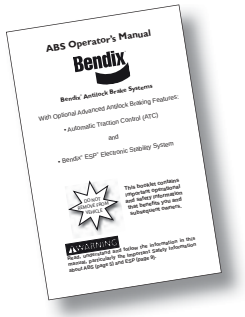
Bendix® EC-60™ Premium Frame ECU

All shown have traction control and communicate over J1587 and J1939.

SD-13-4863

Customer	OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Supply Voltage	PLC	Notes
—	801881	K058712	4S/4M	12	Yes	
	5012230					
	5013149					
	5013150					
	5020008					
	K019237					
	K038366					
	K039622					
International	802134	K065140				PLC operation for International
	5016143					
	K020822					
	K041715					
	K020823					
	K040079					
Oshkosh	K038367	K058714	6S/4M	24	No	
	K058714					

Bendix® EC-60™ Premium (Frame)



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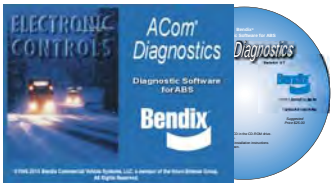


Bendix® ACom® Diagnostic Software visit bendix.com

Bendix® eTrac™ Automated Air Pressure Transfer System

Automated air bag transfer system.

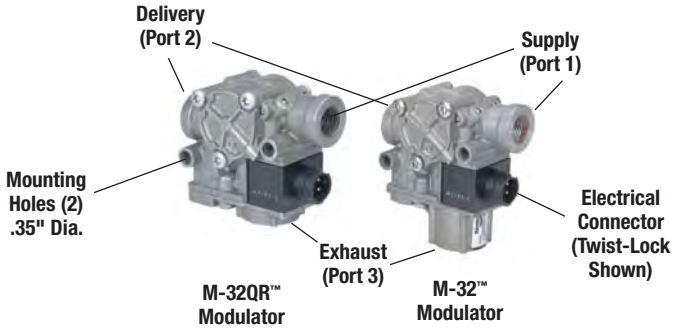
SD-13-21021

Bendix® eTrac™ Contents	
Service Pc. No.	Bendix® Component
—	Bendix ABS Controller
K082319	FCS-9700™ Solenoid Valve
K035170	R-12® Relay Valve
K082298	RV-3™ Pressure Reducing Valve
101845	
278614	Double Check Valve

Bendix® M-32™ and M-32QR™ AntiLock Modulators

V.M.R.S. 13-011-071

SD-13-4870



Straight Snorkel

90° Snorkel

OE Pc. No.	Service New Pc. No.	Description	Exhaust Adapter	Supply Port	Delivery Port	Electrical Connector Type	Supply Voltage	Customers Include
300387	801665	M-32™ Modulator	-	1/2" NPT	1/2" NPT	Twist-Lock	12	Volvo®, Mack®, Peterbilt®, Kenworth®
5014706	801585		-	1/2" NPT	1/2" NPT	Packard		International®
5016334	801456		-	5/8" PTC	1/2" STC			GM®
5013223	801736		Straight snorkel	1/2" NPT	1/2" NPT	Metric Thread	24	Oshkosh®
5013224	801737		90° snorkel					
5015514	802697		-			Twist-Lock		–
5012961	801583	M-32QR™ Modulator	-	1/2" NPT	1/2" PTC	Packard	12	GM
5016344	801457		-	1/2" NPT	1/2" STC			
5014705	801481		-	1/2" NPT	1/2" NPT			International
5014704	801479		-	1/2" PTC	1/2" PTC			
5011281	801482		-	1/2" NPT	1/2" NPT	Twist-Lock		Blue Bird®
5019258	802888		-		1/2" PTC			–

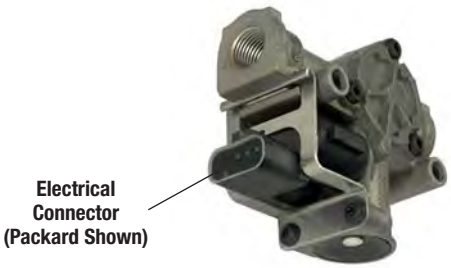
PTC = Push-To-Connect NPT = Pipe Thread STC = Snap-to-Connect

Bendix® M-30™ to M-32™ and M-32QR™ AntiLock Modulator Changeover

- M-30™ antilock modulators are no longer available. M-32™ and M-32QR™ modulators are available for service.
- When replacing the M-30 modulators on the steer axle, replace both with M-32 modulators.

M-30™ Pc. No.	M-32™ Service New Pc. No.
5005894	801481
5005895	801479
5006659	801481
5008951	801481
5009085	801456
5009086	801456

M-30™ Pc. No.	M-32™ Service New Pc. No.
5009304	801481
5009305	801583
5009306	801583
5009308	801457
5009309	801457

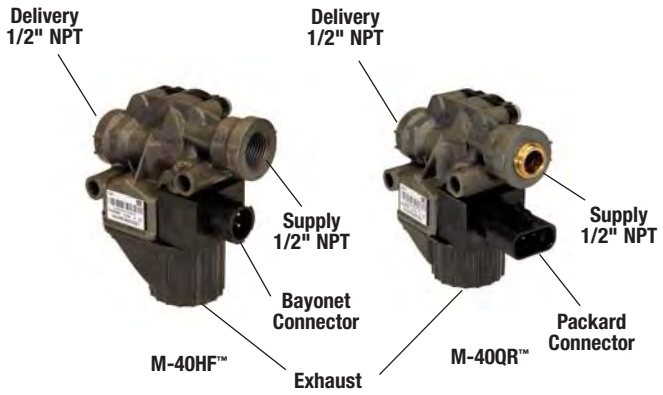


Bendix® M-30™ Modulator (Superseded by the M-32™ and M-32QR™ modulators)

Bendix® M-40™ AntiLock Modulators

V.M.R.S. 13-011-071

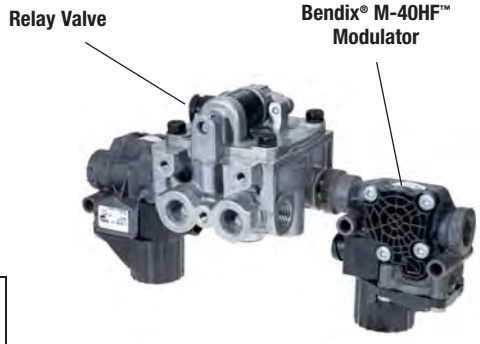
SD-13-4958



Reman. Exchange Pc. No.	Modulator Type	Exhaust Adapter	Supply Port	Delivery Port	Electrical Connector Type	Supply Voltage
K079666X	M-40HF™	—	1/2" NPT	1/2" NPT	Packard	12V
K079681X		Silencer Adapter				
K079665X		—			Twist-Lock	
K079678X		Silencer Adapter				
K079672X		—				24V
K079677X		Silencer Adapter				
K079670X	M-40QR™	—	1/2" NPT	1/2" NPT	Packard	12V
K079676X		Silencer Adapter				
K079671X		—	1/2" PTC	1/2" PTC		
K079683X		Silencer Adapter				
K079664X		—	1/2" NPT	1/2" NPT	Twist-Lock	
K107922X		Silencer Adapter				24V

Axle Modules

Axle Module service assemblies are not available as a complete assembly. Service with individual components as needed.



Axle Module

ATR-6™ Traction Relay Valve Version Shown

OE Axle Module Pc. No.	Service Replacement Valve (Relay, Quick Release or Traction Relay)		Bendix® M-40HF™ Modulator Pc. No.
	Pc. No.	Description	
K105561	K078420	Bendix® ATR-6™ Traction Relay Valve (5.5 psi)	K079665
K105562			
K105563	803116	Bendix® R-12® Relay Valve (5.5 psi)	
K105761	803115		
K105762			
K105766	K070951	ATR-6 Traction Relay Valve (5.5 psi)	
K105770	K078219	ATR-6 Traction Relay Valve (4.0 psi)	
K105771	803117		

Axle Modules

Axle Module service assemblies are not available as a complete assembly. Service with individual components as needed.

OE Axle Module Pc. No.	Figure No.	Service Replacement Valve (Relay, Quick Release or Traction Relay)		Bendix® M-32™ Modulator Service Replacement Pc. No. (Typically 2 are required)
		Pc. No.	Description	
5015283	1	801629	Bendix® R-14® Relay Valve (4.0 psi)	801665
5017276				
5011782		803115	Bendix® R-12® Relay Valve (5.5 psi)	
5017071				
5011740		K070951	Bendix® ATR-3™ Traction Relay Valve (5.5 psi)	
5020024		803115	R-12® Relay Valve (5.5 psi)	
K034765				
K034767				
K034768		K070951	Bendix® ATR-6™ Traction Relay Valve (5.5 psi)	
K034778		K078219	ATR-6™ Traction Relay Valve (4.0 psi)	
5020567		K070953	ATR-6™ Traction Relay Valve (5.5 psi)	
5015631	Not shown	n/a	n/a	802888
5019619	2	229859N	QR-1® Quick Release Valve	802697

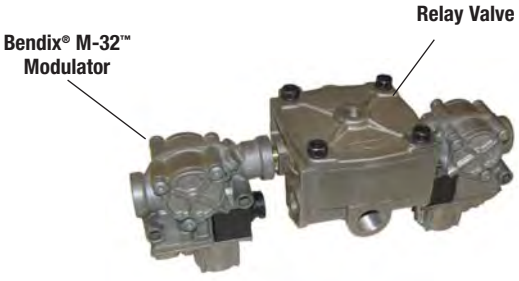


Figure 1

Axle Module
R-12® Relay Valve Version Shown
(R-14®, ATR-3™ and ATR-6™ are similar)

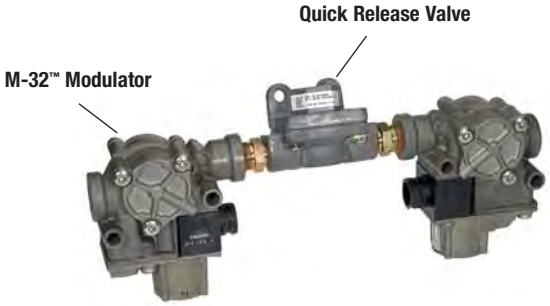
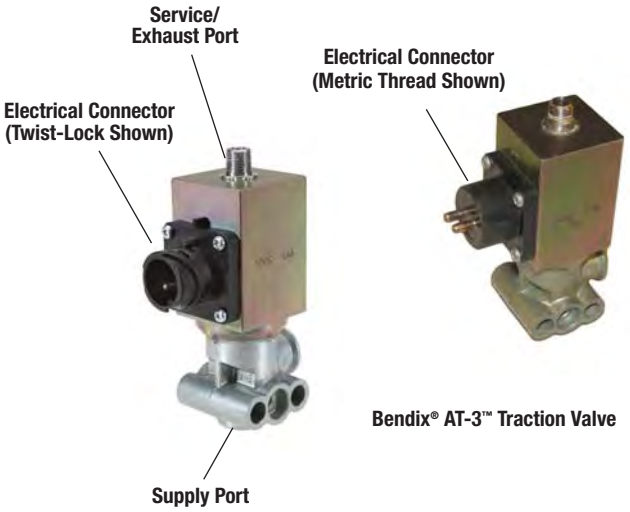


Figure 2

Axle Module
Quick Release Valve Version

Bendix® AT-3™ Traction Valves

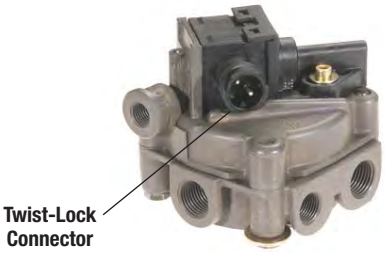
OE Pc. No.	Service Replacement Valve		Supply Voltage	Customers
	Pc. No.	Electrical Connector		
300128	801936	Metric Thread	24	Oshkosh®
300354	801931	Twist-Lock	12	Mack®, Volvo®, Kenworth®, Peterbilt®
K025064				Navistar®
K036918	K037085		24	–



Bendix® AT-3™ Traction Valve

Bendix® ATR-3™ Traction Relay Valve

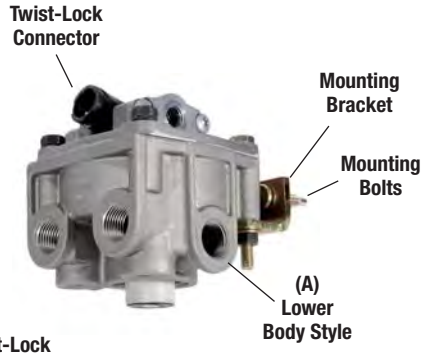
ATR-3™ OE Pc. No.	ATR-3™ Service New Pc. No.	ATR-6™ Service New Pc. No.	Crack Pressure PSI	Supply Voltage	Customers
5014494	—	K078219	4.0	12V	
5014497	—	K070974			Volvo®
5018362	802749	—			Volvo
300317	—	K070951	5.5		
5014495	—	K070954			
5015755	—	K070954			Kenworth®
K002569	K019736	—	4.0	24V	

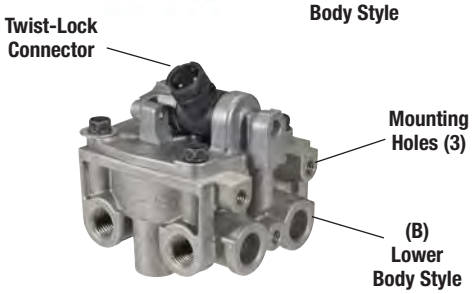


Bendix® ATR-3™ Traction Relay Valve

Bendix® ATR-6™ Traction Relay Valve

OE Pc. No.	Service New Pc. No.	Crack Pressure PSI	Exhaust Port	Lower Body Style	Mounting Bracket Included	Supply Voltage	Customers
5020201	K078219	4.0	—	B	No	12V	Volvo®
K070684							
5019764	K072293		—		Yes		Navistar®
K040733	K070965		1/2-14 NPT				
K041063	K070964		Silencer				
K025600	K070962		—	A			
K035538							
K070693							
K070695							
5020205	K070951	5.5	—	B	No		Kenworth®
K033317	K070954	5.5	—	B	Yes		
K033319							

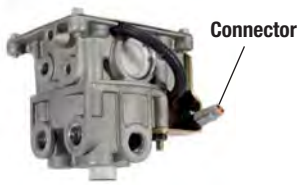




Bendix® ATR-6™ Traction Relay Valve

Bendix® ATR-1™ to ATR-6™ Traction Relay Valve Changeover

• ATR-1™ traction relay valves are no longer available. The ATR-6™ traction relay valves and retrofit kits are available for service.

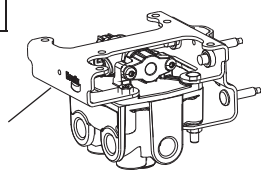


ATR-1™ Traction Relay Valve

ATR-1™ Valve Pc. No.	ATR-6™ Valve Service New Pc. No.*	Crack Pressure PSI	Mounting Bracket	ATR-1™ Valve Connector Type	Harness Service Pc. No.	Supply Voltage
065516	K072345	4.0	See Bracket A	DT04-2P	K032114	12V
800030	K072339		5/16" x 1.35"			
5003921						
800818	K072311		5/16" x 1.35"	DTM06-2S-E007	K032115	
5008259						
801127	K072318		M8 x .95"			
5009773						

*All the ATR-6™ traction relay valves have a twist-lock connector type; the replacement part numbers include a harness adapter.

Harness Pc. No. K032114



A Mounting Bracket

Harness Pc. No. K032115

Bendix® MC-30™ Trailer ABS Modules

- The MC-30™ Trailer ABS Modules are no longer available.
- Bendix® TABS-6™ kits are available for service.

i SD-13-4834
See PNU-161 for MC-30 module piece numbers.

Bendix® MC-30™ Trailer ABS

Pigtail Length	Bendix® TABS-6™ Service Replacement Pc. Nos. (Includes Harnesses)				
	2S/1M - Axle	2S/1M - Dolly	2S/2M - Side	4S/2M - Side*	4S/2M - Axle*
60"	802893	802951	K060601	K060602	K061025
234"	802902	—	K061023	K061024	K061026

Bendix® TABS-6™ Trailer ABS

*For 4S/2M (4 sensor / 2 modulator) systems, to determine if the ABS assembly is used to control an "axle-control" or "side-control" system, trace the delivery hoses from one of the modulators to see if the actuators controlled are on the same side of the vehicle (a 4S/2M side system), or at both ends of an axle (4S/2M axle system).

Bendix® A-18™ Trailer ABS Modules

- The A-18™ Trailer ABS Modules are no longer available. Bendix® TABS-6™ kits are available for service.

i SD-13-4757
See PNU-109 for additional A-18 module piece numbers.

Bendix® A-18™ Trailer ABS

Pigtail Length	Bendix® TABS-6™ Service Replacement Pc. Nos. (Includes Harnesses)		
	2S/1M - Axle	2S/2M - Side	4S/2M - Side
60"	K019708	K019709	K019710
234"	K019711	K019712	K019713

Bendix® TABS-6™ Trailer ABS

Bendix® MC-12™ Trailer ABS Modules

- The MC-12™ Trailer ABS Modules are no longer available. Bendix® TABS-6™ kits are available for service.
- The MC-12 was only available in 2S/1M configurations.

i SD-13-4762
See PNU-110 for MC-12 module piece numbers.

Bendix® MC-12™ Trailer ABS

Description	Bendix® TABS-6™ Service Replacement Pc. Nos. (Includes Harnesses)				
	With 60" 5-pin ABS Pigtail	With 234" 5-pin ABS Pigtail	With 18" 4-pin ABS Pigtail	With 96" 4-pin ABS Pigtail	With 180" 3-pin ABS Pigtail
MC-12 ABS Assembly for Trailers	802893	802902	802900	802898	802896
MCE-12 ABS Assembly for Dollies	802894	802901	802899	802897	802895

Bendix® TABS-6™ Trailer ABS

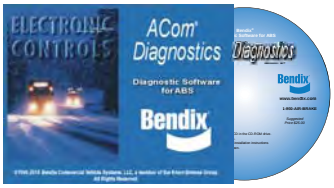
Bendix® EC-80™ ABS, ATC and ESP® Controllers

SD-13-4983 (ABS and ATC Controllers)

SD-13-4983 (ESP Controller)

Type of ECU	Image	Bendix Part Number	OE	OE Part Number	Reman ECU Part Number	
					Standard	6x2 tractors without Bendix® eTrac™ System
Bendix® ABS EC-80™ Controller		K097435R000	Blue Bird®	10036250	**K114398N000X**	–
		K105299R000	Mack®	22362086	**K115125N000X**	
		K105300R000		22362088	**K115125N000X**	
		K103425R000	Navistar®	4045848C1	**K115809N000X**	
		K103426R000		4045849C1	**K115809N000X**	
		K098915R000	PACCAR®	Q27-6073-101	**K114398N000X**	
		K105299R000	Volvo®	22362086	**K115125N000X**	
		K105300R000		22362088	**K115125N000X**	
Bendix® ATC EC-80™ Controller		K070253R000	Blue Bird	10036251	**K114399N000X**	–
		K105302R000	Mack	22362261	**K115126N000X**	
		K103427R000	Navistar	4045850C1	**K115811N000X**	
		K103474R000		4045851C1	**K115810N000X**	
		K098916R000	PACCAR	Q27-6073-201	**K114425N000X**	**K114427N000X**
		K098917R000		Q27-6073-202	**K114426N000X**	**K114428N000X**
		K098918R000		Q27-6073-203	**K114401N000X**	–
		K098919R000		Q27-6073-204	**K114402N000X**	
		K105302R000	Volvo	22362261	**K115126N000X**	
Bendix® ESP® EC-80™ Controller		K105303R000	Mack	22362264	**K115127N000X**	–
		K103428R000	Navistar	4045852C1	**K119760N00X**	
		K103429R000		4045853C1	**K114403N000X**	
		K105094R000	PACCAR	Q27-6073-305	**K114403N000X**	
		K105095R000		Q27-6073-306	**K114404N000X**	
		K105096R000		Q27-6073-307	**K114405N000X**	
		K105097R000		Q27-6073-308	**K114406N000X**	
		K105303R000	Volvo	22362264	**K115127N000X**	

Note: Remanufactured Bendix® ESP® EC-80™ Controllers are made-to-order and only available through an authorized dealer. The vehicle VIN is required in order to properly process the order. These parts cannot be stocked, direct ship only.



Bendix® ACom® Diagnostic Software visit bendix.com

K101596N001
The previous versions (Pc. Nos. 801869 and K101596) do not support this family of devices.

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Bendix® TABS-6™ Trailer ABS Module

• All TABS-6™ Trailer ABS Modules communicate over PLC and have a 4 port relay.

SD-13-4767

Bendix® TABS-6™ Trailer ABS

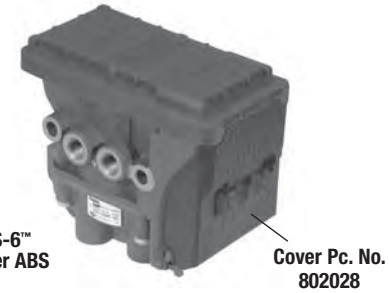
OE Pc. No.	Service New Pc. No.	Crack Pressure	Default Configuration	Auto-Configurable To:	J1587 Direct Wires Available
5014015	K109808	4.5 psi	2S/1M	None	No
K109807					
5014113	801991	3.0 psi		4S/2M - Axle	Yes
K107308	K108566	4.5 psi			
5014112	K109812	4.5 psi	2S/1M - Dolly	None	No
K109809					
5014016	801856	3.0 psi		2S/2M - Side; 4S/2M - Side; 4S/3M - Side/Axle	Yes
K091055	K108565	4.5 psi			

Bendix® TABS-6™ Advanced Trailer ABS with Stability Control Module

• User is required to verify proper configuration with Bendix and perform installation test using ACom® diagnostic software.

• All TABS-6™ Advanced modules are 2S/1M; have a 4 port relay and may be nipple mounted to a reservoir.

SD-13-47671



Bendix® TABS-6™ Advanced Trailer ABS

Cover Pc. No. 802028

OE Pc. No.	Service New Pc. No.	Description	Default Configuration					PLC	CAN Available
			Axle Spacing (inches)	Mounting Orientation (degrees)	Offset (inches) - side	Air Suspension Empty	Air Suspension Loaded		
K029053	K029141	TABS-6™ Advanced	49"	270°	10" curb	13 psi @ 8k	82 psi @ 34k	Yes	Yes
K041383	K041385	TABS-6 Advanced	49"	90°	0"	14 psi @ 9k	83 psi @ 34k		
K027233	K028577	TABS-6 Advanced	49"	270°	10" curb	11 psi @ 8k	69 psi @ 34k		

Bendix® TABS-6™ Advanced Multi-Channel Trailer ABS with Stability Control Module

• User is required to verify proper configuration with Bendix and perform installation test using ACom® diagnostic software.

• All TABS-6™ Advanced Multi-Channel modules have 6 delivery ports and must be frame mounted.

SD-13-47672

Cover Pc. No. K048189

Bendix® TABS-6™ Advanced Multi-Channel Trailer ABS

OE Pc. No.	Service New Pc. No.	Description	Configuration	Default Configuration					PLC	CAN Available
				Axle Spacing (inches)	Mounting Orientation (degrees)	Offset - side (inches)	Air Suspension Empty	Air Suspension Loaded		
K026500	K028522	TABS-6™ Advanced MC	4S/2M - Side	49"	0°	0"	9 psi @ 7k	70 psi @ 34k	Yes	Yes
K028920	K028974	TABS-6 Advanced MC	4S/2M - Side	121"	0°	0"	9 psi @ 7k	82 psi @ 40k		

Bendix® BR9235™ ABS Modulator/Relay Valve

OE Pc. No.	Service New Pc. No.	Bracket Included	Supply	Delivery (4 ports)	Crack Pressure
5012023	801993	No	3/4" NPT	3/8" NPT	3.0 psi
5012024	801994	Yes			
K091056	K112192	No			4.5 psi
K112173	K112193	Yes			

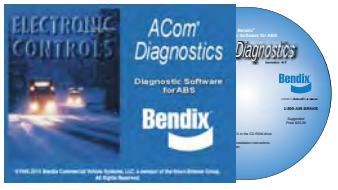
Bendix® BR9235™ ABS Modulator/ Relay Valve

Bendix® TABS-6™ Harnesses and Cables

OE Pc. No.	Service New Pc. No.	Description	Length
300258	802025	Bendix® WS-24™ Wheel Speed Sensor Extension	80"
5015531	802052		60"
5019464	802946		260"
5015014	801996	ECU Pigtail - Standard 2S/1M	Power - 60"
5015016	801998		Power - 234"
5015018	802000	ECU Pigtail - Advanced or Premium 2S/1M	Power - 9", Diagnostic - 9"
K022146	K025647	ECU Pigtail - Advanced MC 4S/2M or 2S/2M	Power - 9"
K025593	K025621	Advanced MC - CAN diagnostic	Diagnostic - 9"
5015019	802001	ECU Pigtail - Premium 2S/1M	Power - 60", Diagnostic - 9"
5015021	802003		Power - 234", Diagnostic - 9"
5015023	802005	ECU Pigtail - Premium 2S/2M	Power - 60", Modulator - 36", Diagnostic - 9"
5015025	802007		Power - 234", Modulator - 36", Diagnostic - 9"
5015027	802009	ECU Pigtail - Premium 4S/2M	Power - 60", Modulator - 36", Sensors - 60", Diagnostic - 9"
5015029	802011		Power - 234", Modulator - 36", Sensors - 60", Diagnostic - 9"
5013352	802016	Trailer Power Harness	120" 5-pin Packard, Non-Terminated Warning Lamp - 10"
5013353	802017		780" 5-pin Packard, Non-Terminated Warning Lamp - 10"
5013343	802018	BR9235™ Remote Modulator Harness	36"
5019463	802947		280"
5007833	800790	J1587 / J1708 Remote Diagnostic Harness	120"
5009193			

Bendix® TABS-6™ Service Replacement Components

Service New Pc. No.	Description
802028	TABS-6™ Standard / Premium / Advanced connector cover
K048189	TABS-6™ Advanced MC connector cover
K016644	TABS-6™ Standard connector lever
801924	TABS-6™ Standard / Premium / Advanced control line filter
K040542	TABS-6™ Advanced 12-pin connector plug
K048190	TABS-6™ Advanced MC silencer



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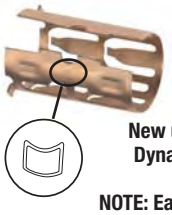
WS-24™ Wheel Speed Sensors

SD-13-4860

0° (Straight)
Bendix® WS-24™ Wheel Speed Sensors

90°
Bendix® WS-24™ Wheel Speed Sensors

OE Pc. No.	Service New Pc. No.	Body Style	Harness Length	Connector Type	Customers Include
300083	801544	90°	12"	DIN	Trailer OEMs
K028296	K029519	Straight			
300084	801538	90°	75"		Peterbilt®, Kenworth®
300087	801542	Straight	78"		Kenworth, Mack®
300150	801541	90°	63"		Volvo®, Blue Bird®
300151	801543	Straight	66"		Peterbilt, Kenworth, Volvo
K034750	K034753	90°	90"		Utility®
5012266	801549	90°	60"	DT04	International®
5012267	801550	90°	75"		
5012268	801551	90°	40"		
5012269	801552	Straight	75"		
5012270	801553	Straight	40"		



Clamping Sleeve
Pc. No. 801534
Included with all service new Bendix® WS-24™ Sensors

New universal clamping sleeves have a Dynamark symbol stamped as shown.

NOTE: Early Bendix® WS-20™ clamping sleeves have "BW" in a diamond symbol stamped and cannot be used for WS-24™ sensors.

Connectors Available

Delphi® Metripack Series Connector
CP 150.2

Delphi Metripack Series Connector
GT 150

A
P (280M)

B
P (280F)

Delphi Metripack 280 Series Connectors

Deutsch DTM06-2S Connector
NOTE: Deutsch model number "DTM06-2S" molded into connector body

Deutsch DT04-2P Connector
NOTE: Deutsch model number "DT04-2P" molded into connector body

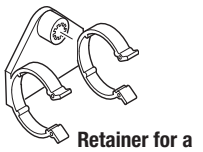
Standard 2-Pin DIN Barrel Connector

Bendix® WS-20™ Wheel Speed Sensor Replacements

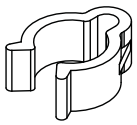
• Bendix® WS-20™ wheel speed sensors are no longer available.

SD-13-4754

WS-20™ Pc. No.	WS-24™ Service New Pc. No.	Body Style	Harness Length	Connector Type
065517	801566	90°	75"	Packard (150.2)
065518	801566			
550657	801566			
5000889	801546		60"	Deutsch DTM
5005707	801546			
5006663	801567	Straight	63"	Packard (150.2)
5006664	801567			



Retainer for a 2-Pin DIN Connector
Pc. No. 300122N



Hose Clip
Pc. No. K044394
(10 pieces)

Previous Bendix Wheel Speed Sensors
The Bendix WS-24 sensor fit and function is compatible with all previous Bendix wheel speed sensors (when used with correct clamping sleeve - see above).

Bendix® ESP® Sensors

SD-13-4869

Bendix® SAS-60™ Steering Angle Sensor

OE Pc. No.	Service New Pc. No.	Connector Type	Stability System Compatibility	Customers Include
Steer Angle Sensor				
5013702	K072856	90°	Bendix	Navistar®, Kenworth®, Peterbilt®, Volvo®, Mack®
K072855				
5018284	K022680	90°	Other	Freightliner®
K072861				
5015743	K072860	Straight	Other	Freightliner
K072859				
5018418	K022679	Straight	Bendix	Navistar, Kenworth, Peterbilt, Volvo, Mack

OE Pc. No.	Service New Pc. No.	Model	Mounting Orientation Guides	Customers Include
Yaw/Lateral Acceleration Sensor*				
5013703	802126	YAS-60™	-	Navistar, Kenworth, Peterbilt, Volvo, Mack, Prevost®
K0205682E4	K058836	YAS-70X™	-	Volvo, Mack
K0205682E4P	K048055		Included	Navistar, Kenworth, Peterbilt, Prevost
Pressure Sensor				
5005758	5008677	PS-60™	-	Navistar, Kenworth, Peterbilt

*Yaw/Lateral acceleration sensor models and part numbers are not interchangeable.

Bendix® PS-60™ Pressure Sensor

Bendix® YAS-70X™ Yaw/Lateral Acceleration Sensor Package

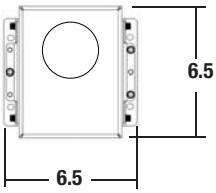
Bendix® YAS-60™ Yaw/Lateral Acceleration Sensor Package

Bendix™ VORAD® VS-400 Forward Looking Radar

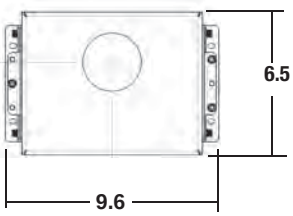
Reference BW2771

Bendix™ VORAD® VS-400 Forward Looking Radar

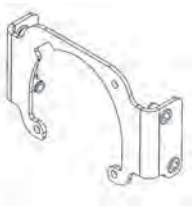
OE Pc. No.	Reman. Exchange Pc. No. (Radar Only)	Replacement Part Functionality			Service Bracket Kit for OEM Installation	Customers
		Collision Warning	Adaptive Cruise Control (Bendix® SmartCruise®)	Range Adjustable		
VSFR-002	K094042X	Yes	—	—	None	Freightliner®
VSFR-002H						International®
VSFR-006					VSBR-004N	Volvo®
VSFR-011					VSBR-011N	Freightliner
VSFR-017					N11-6083	PACCAR®
K054325					None	International
VSFR-003	K094044X	Yes	Yes	Yes	None	Freightliner
VSFR-003H						International
K054326						International
VSFR-005P						Kenworth®
VSFR-008					VSBR-004N	Volvo
VSFR-018					N11-6083	Peterbilt®



Small Bracket VSBR-004N



Large Bracket VSBR-011N



Peterbilt® Bracket N11-6083

Forward Looking Radar Driver Display

OE Pc. No.	Service New Pc. No.	Volume Adjustable	Customers
K040748	K120829N000	Yes	Freightliner®
K046159			Peterbilt®
K057751			Kenworth®
K057752			Volvo®
K092701			International®
K092702			International
K097310			Kenworth
K111682			Kenworth
K113704R000			International
VSDI-001			PACCAR®
VSDI-001P			International
VSDI-001P2			Freightliner
VSDI-001V			MCI®
VSDI-003			International

Forward Looking Radar Driver Display

Bendix™ Forward Looking Radar FLR-10™ to FLR-20™ Changeover

Navistar®		
Bendix™ FLR-10™ Radar Sensor Pc. No.	**For Navistar® ProStar® vehicles built on or before 1/31/2011**	**For Navistar ProStar® vehicles built after 1/31/2011**
K043225	K097917	K097916
K050056		
K050057		
K051511		
K056476		
K056480		
K056481		
K067883		
K067884		
K070393		
K090770		
K090778		

Peterbilt®	
Peterbilt® Vehicle Model	**Bendix™ FLR-20™ Replacement Kit Pc. No.**
Peterbilt 365	K108587
Peterbilt 367SFAA	
Peterbilt 384 (molded)	K111346
Peterbilt 384 (clad)	
Peterbilt 386 (molded)	K108586
Peterbilt 386 (clad)	K111346
Peterbilt 388	K108587
Peterbilt 389	
Peterbilt 579	K111345
Peterbilt 587	K111347
Kenworth® (Not applicable for vehicles with MX2013 Engines)	
Kenworth® Vehicle Model	**Bendix™ FLR-20™ Replacement Kit Pc. No.**
Kenworth T660	K109003
Kenworth T680	K111345
Kenworth T700	K111348
Kenworth T800	K108587

Mack®	
Bendix™ FLR-10™ Radar Sensor Pc. No.	**Mack® Replacement Kit Pc. No.**
K035749	Order 85143481 from your Mack dealer
K036727	
K040234	
K043283	
K046886	
K051105	
K051511	
K056476	
K056478	
K070393	
Volvo®	
Bendix™ FLR-10™ Radar Sensor Pc. No.	**Volvo® Replacement Kit Pc. No.**
K027310	Order 85145768 from your Volvo dealer
K036725	
K040236	
K046886	
K051131	
K051511	
K056475	
K056476	
K070393	
K027310	Order 85145769 from your Volvo dealer
K036725	
K040236	
K046886	
K051131	
K051511	
K056475	
K056476	
K070393	

Reman FLR-10 piece number K030393 is available in limited quantities.
When servicing an FLR-10 radar it is recommended that an FLR-20 be used, if possible.

Bendix™ FLR-20™ Kits and Service Parts

Vehicle Application	OE Part Numbers	Bracket Kit (Radar Sensors Are Not Included in Kits)	Other Parts Available	Reman Bendix™ FLR-20™ Radar Sensor
Kenworth® Vehicles				
T660	K071755R001 K073211 K073211R001	K073210	KW Cover N22-1332, (order from PACCAR)	K071772N002X
T680	K072849 K072849R001 K072849R002 K073209 K073209R001	K073206	KW Cover N22-1307-411, (order from PACCAR)	
T800	K069922R001 K073213R001	K073212	–	
Peterbilt® Vehicles				
SFFA 365/367/ 388/389	K073219 K073219R001	K073212	Jumper Harness K092154	K071772N002X
SFFB 384/386 (clad), 384 (molded)	K073208R001	K073205		
386 (molded)	K091531 K091531R001	K091529		
567	K111078R000	K073205	–	
579	K072849 K072849R001 K072849R002	K073206	–	
587	K072846 K072846R001	K073204	Jumper Harness K092154	

Bendix™ FLR-20™ Kits and Service Parts

Vehicle Application	OE Part Numbers	Bracket Kit (Radar Sensors Are Not Included in Kits)	Reman Bendix™ FLR-20™ Radar Sensor
Navistar® Vehicles **(J1939 Communications - 250 kbps)**			
Navistar® ProStar®, LoneStar®	K071761 K071761R001	K073215	 K071772N002X
Navistar TranStar®	K073220 K093286 K093286R001	K090752	
Navistar WorkStar®	K073216 K105029R001	K073217	
Navistar ProStar with metal bumper	K087384 K087384R001	K087385	
Volvo® and Mack® Vehicles			
Volvo® and Mack®	K071759	K071757	 K071772N002X (K105224 Sold Separately)

ACCESSORIES:

K105224		**Bumper Harness***		**Bumper Harness Mating Connector***	
		K092154			K105399
Stand-off Adjustment Kit (Included in Bracket Kits)		**Bendix® Wingman® Alignment Tools**		**A Steel Clip is also Required for the Bendix™ FLR-20™ Radar Sensor Alignment Procedure**	
K073199		K041451 OR K065284 or K096579			K073087

*Can be used in cases where vehicle harness is damaged.

Bendix™ FLR-20™ Kits and Service Parts

Vehicle Application	OE Part Numbers	Bracket Kit (Radar Sensors Are Not Included in Kits)	Reman Bendix™ FLR-20™ Radar Sensor
Navistar® Vehicles (J1939 Communications - 250 kbps) OEM Production Beginning July 2015			
Navistar® ProStar®	K113245R000 K113245R001 K118207R000 K118207R001	K073215	 K123760N000X
Navistar TranStar®	K118209R000 K118209R001	K090752	
Navistar WorkStar®	K118210R000 K118210R001	K073217	
Navistar ProStar with metal bumper (Aeroclad)	K118208R000 K118208R001 K118613R000 K118613R001	K087385	
Navistar DuraStar®	K118300R000 K118300R001	K132318 Image Not Available	

ACCESSORIES:

Bumper Harness*		Bumper Harness Mating Connector*	
K092154			K105399

Stand-off Adjustment Kit (Included in Bracket Kits)		Bendix® Wingman® Alignment Tools		A Steel Clip is also Required for the Bendix™ FLR-20™ Radar Sensor Alignment Procedure	
K073199		K041451 OR K065284 or K096579			K073087

*Can be used in cases where vehicle harness is damaged.

Bendix™ FLR-20™ Kits and Service Parts

Vehicle Application	OE Part Numbers	Bracket Kit (Radar Sensors Are Not Included in Kits)	Reman Bendix™ FLR-20™ Radar Sensor
Navistar® Vehicles (J1939 Communications - 500 kbps)			
Navistar® ProStar®	K113989R000 K113989R001 K118612R000 K118612R001	K073215	 K123761N000X
Navistar TranStar®	K113988R000 K113988R001	K090752	
Navistar WorkStar®	K113991R000 K113991R001	K073217	
Navistar ProStar with metal bumper (Aeroclad)	K113990R000 K118614R000	K087385	
Navistar DuraStar®	K118351R000 K118351R001	K132318 Image Not Available	

ACCESSORIES:

Bumper Harness*		Bumper Harness Mating Connector*	
K092154			K105399

Stand-off Adjustment Kit (Included in Bracket Kits)		Bendix® Wingman® Alignment Tools		A Steel Clip is also Required for the Bendix™ FLR-20™ Radar Sensor Alignment Procedure	
K073199		K041451 OR K065284 or K096579			K073087

*Can be used in cases where vehicle harness is damaged.

AutoVue® Lane Departure Warning (LDW) System™ by Bendix CVS

SD-64-20124

OE Pc. No.	Service Pc. No.	Description
ECU		
493364001	493364001N	2G NA ECU (Freightliner® Century and Columbia)
493364002	K070255	2G NA ECU (Freightliner Cascadia®)
493625001	K073590	3G NA ECU (Volvo® w/ Volvo Engine, Audio)
493625002	K073591	3G NA ECU (Volvo w/ non-Volvo Engine, Audio)
493625003	K073592	3G NA ECU (Volvo w/ Volvo Engine, SafetyDirect® System by Bendix CVS w/ PeopleNet® Telematics, Audio)
493625004	K073593	3G NA ECU (Volvo w/ non-Volvo Engine, SafetyDirect System by Bendix CVS w/ PeopleNet Telematics, Audio)
493625005	K073594	3G NA ECU (Volvo / Volvo Engine, SafetyDirect® System by Bendix CVS with Qualcomm® Telematics, Audio)
493625006	K073595	3G NA ECU (Volvo / non-Volvo Engine, SafetyDirect® System by Bendix CVS with Qualcomm Telematics, Audio)
493625007	K073596	3G NA ECU (Mack® Pinnacle® / Volvo Engine, Audio)
493625008	K073597	3G NA ECU (Mack Pinnacle / Volvo Engine, Haptic)
K068392	K069554	3G NA ECU - Configuration is Required
Camera		
493246502	K070256	2G NA Camera (24 inch)
493363501		
493554502	K069077	3G NA Camera (24 inch)
K068391		
493554504	K069079	3G NA Camera (15 feet)
K069056		
Bracket		
493398501	493398501N	2G EU Bracket
493081001	K070254	AutoVue® System Standard Bracket
493088201		
K113244	K109285	Bendix™ FLC-20™ Camera Bracket -1.5°
K113247		
Cable		
493558701	K070257	OE Cable - Direct Connect to Qualcomm Telematics, MCP100 (10 feet)
493558801	K070258	OE Cable - Direct Connect to Qualcomm Telematics, MCP200 (10 feet)
493558901	K070259	OE Cable - Direct Connect to PeopleNet® Telematics, (10 feet)
493559301	K070260	3G Aftermarket Cable Direct Connect to MCP100 (17 feet)
493559401	K070261	3G Aftermarket Cable Direct Connect to MCP1100 and MCP200 (17 feet)
493559901	K102334	3G Aftermarket Cable Direct Connect to PeopleNet Systems (17 feet)
493587501	K077488	3G NA Cable - 2G to 3G Retrofit
493556201	K079771	3G NA Cable - Speaker, RS-232
493556901	K102334	3G Aftermarket Cable Direct Connect to PeopleNet (17 feet) - haptic, RS-232
493231201	K082373	AutoVue Cable - 20' Truck Harness
Miscellaneous		
1361139	K078657	AutoVue Dash Switch Kit
K079385		
493081201	K079727	AutoVue Bracket Adhesive
0810437	K082368	AutoVue 3-1/2" Flush Speaker
0810438	K082369	AutoVue 3-1/2" Speaker Cover

Components for AutoVue® by Bendix CVS

ECU

Camera

Cable

Speaker and Cover

Dash Switch

Bendix™ BlindSpotter® Side Radar

SD-61-4933

OE Pc. No.	Service New Pc. No.	Customers
15671-001	15671-001N	Kenworth®
15671-001P		Kenworth, Peterbilt®
15671-001V		Volvo®, Mack®
VSSD-001		Freightliner®
VSSD-001H		Navistar®
K070289	K072601	Freightliner

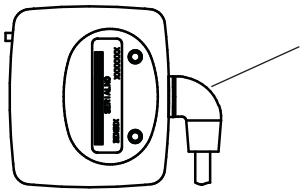
Side Radar

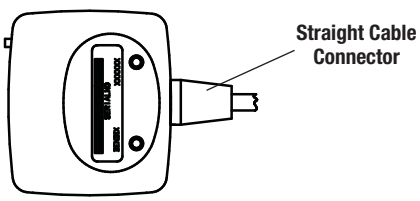
Bendix™ BlindSpotter® Side Speaker

OE Pc. No.	Service New Pc. No.	Customers
15670-001P1	15670-001N	Kenworth, Peterbilt
15670-001P2		Kenworth, Peterbilt
15670-001V		Volvo
VSSD-002		Freightliner
VSSD-003		Navistar
VSSD-004	VSSD-004N	Freightliner

Bendix™ BlindSpotter® Retrofit Kit Pc. No. 83251-701N includes all the wiring and hardware necessary to install BlindSpotter on an in-service vehicle.

Side Speaker





SmarTire® Tire Pressure Monitoring Systems (TPMS)

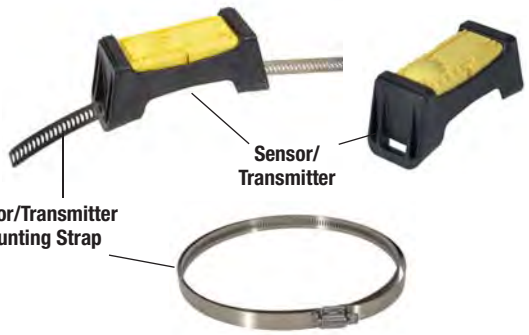
• Service Parts and Tools

BW2799

Service Parts

OE Pc. No	Service New Pc. No.	Description
–	115.0009N	Gold Series Wheel Sensor Kit for 22.5" Wheels*
–	115.0010N	Gold Series Wheel Sensor Kit for 24.5" Wheels*
201.0007 201.0009	201.0009N	Gold Series Wheel Sensor/Transmitter with Rim Label
264.0328	K129560	Sensor/Transmitter Mounting Strap (up to a 22.5" wheel)
K126936		
264.0332	K129561	Sensor/Transmitter Mounting Strap (up to a 24.5" wheel)
K120938		
200.0216	200.0224N	Receiver ECU
200.0184		
200.0217	200.0217N	Dash Display
200.0179		
240.0162	240.0162N	Antenna
260.0309	260.0309N	System Harness
260.0232	260.0232N	40' Co-ax Cable
260.0266	260.0266N	30' Co-ax Cable
264.0318	264.0318N	Receiver ECU Mounting Bracket
264.0228	264.0228N	Transmitter Cradle - High
K075867	K095614	Trailer-Link™ ABS Splice Cable
K075868	K095615	Trailer-Link ECU Wiring Harness (6 foot)
200.0189	200.0189N	Trailer-Link ECU
K075869	K095616	Trailer-Link ECU Wiring Harness (15 foot)
K092801	K096638	Trailer-Link Mounting Bracket
K079156	K097008	ECU CAN Ready Harness
K079157	K097009	Display CAN Ready Harness

* Includes transmitter, strap and label



Receiver ECU

Display

Antenna

TailerLink
ECU Wiring Harness

LF Tool

Tools and Diagnostic Aids

Tool Pc. No.	Description
090.0011	SmarTire® Maintenance Tool
090.0021	SmarTire LF Tool
108.9003	SmarTire Diagnostic Cable
K092501	Trailer-Link Diagnostic Cable

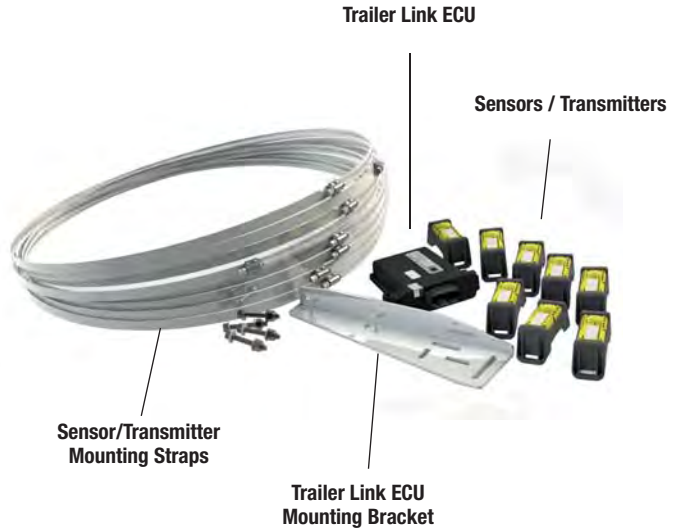
SmarTire
Diagnostic Cable

Maintenance Tool

SmarTire® Tire Pressure Monitoring Systems (TPMS) Retrofit Kits

Retrofit Kit Pc. No.	Description
Tractor / Truck Kits	
Stand-Alone Installations	
108.1006	4 x 2 Truck / Bus Retrofit Kit
108.1008	3 Axle Bus / Coach Retrofit Kit
108.1010	6 x 4 Truck Retrofit Kit
108.1204	4 x 4 Wide Based Tire Truck Retrofit Kit
108.1206	6 x 2 Wide Based Tire Truck Retrofit Kit
CAN Ready Installations	
108.2010	6 x 4 Truck Retrofit Kit
108.2206	6 x 4 Wide Based Truck Retrofit Kit

Retrofit Kit Pc. No.	Description
Trailer-Link Kits	
108.1604	2 Axle Trailer with Wide Based Single Tires
108.1408	2 Axle Trailer with Dual Tires



Note: Kits are configured as follows:
• Cold Inflation Pressure (CIP) 100 psi For All Axles
• First Level Alert (FAL) ± 15%
• Second Level Alert (SAL) -20%
• High Temp 185°

Diagnostic Tools

Service New Pc. No.	Description
Powered Vehicle Tools	
K101596N001	Bendix® RDU™ (Remote Diagnostic Unit)
K101599N001	RDU (Pc. No. K101596N001) & J1939 (9-pin) Adapter (Pc. No. 802229)
801872	RDU Adapter - J1587 (6-pin) to RDU Adapter Cable
802229	RDU Adapter - J1939 (9-pin) to RDU Adapter Cable
K098856	OBD2 Diagnostic Cable
K073087	FLR-20™ Wingman® Adapter Bracket
K022055	Datalink Monitoring Unit
K096759	Bendix® Wingman® ACB Alignment Tool
090.0011	SmarTire® Maintenance Tool
090.0021	SmarTire LF Tool
108.9003	SmarTire Diagnostic Cable
Trailer Tools	
K101597	Bendix® TRDU - Trailer Remote Diagnostic Unit
802165	TRDU adapter - 7-Pin Adapter
K044766	J1587 (6-pin) Trailer Diagnostic Cable (120")
K044767	J1939/J1587 (9-pin) Trailer Diagnostic Cable (72")
K092501	TrailerLink™ Diagnostic Cable
K101595	TRDU (Pc. No. K101597) & J1939 (7-pin) Adapter (Pc. No. 802165)
Software	
	ACom® PC Diagnostic Software - Download Available from Bendix.com.

Bendix® RDU
K101596N001

RDU Adapter
801872

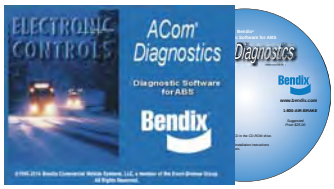
RDU Adapter
802229

DataLink™
Monitor
K022055

Bendix® Wingman® ACB
Alignment Tool
K065284 or
K096579

Maintenance Tool
090.0011

LF Tool
090.0021



Bendix® ACom® Diagnostic Software
visit bendix.com

Bendix® TRDU
K101597

TRDU Adapter
802165

Diagnostic Cable - 72"
K044767

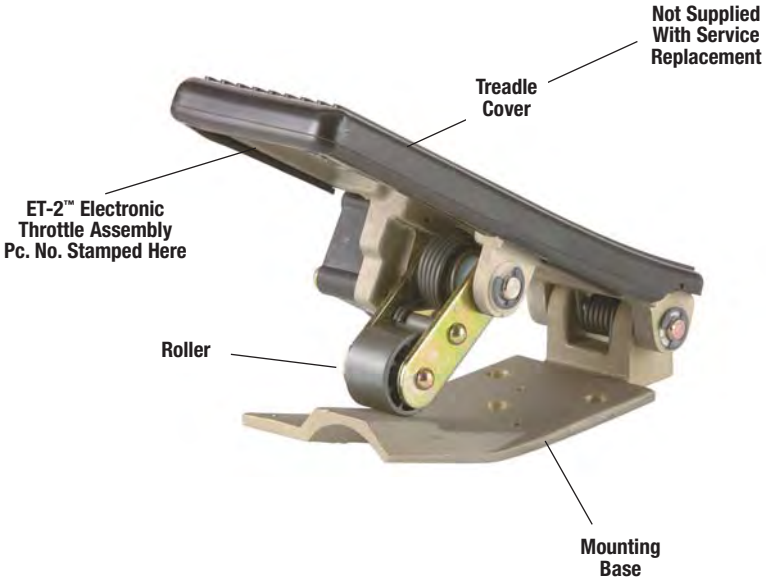
OBD2 Diagnostic Cable
K098856

Bendix® ET-2™ Electronic Throttle

- Pivot Pin Kit 550392
- Lever Shaft Spring Kit 550393

V.M.R.S. No. 44-007-047

SD-15-4106

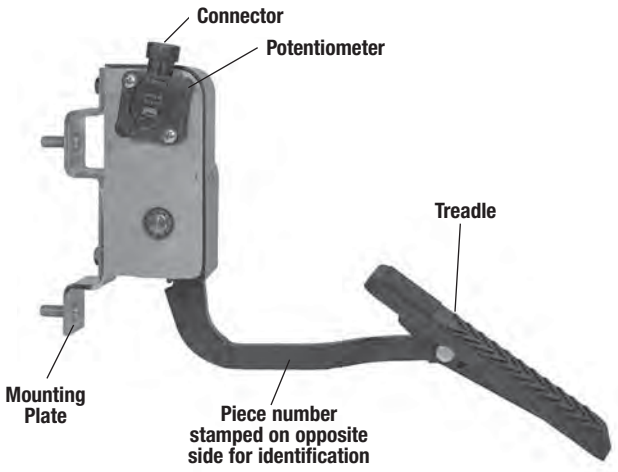


OE Pc. No.	Service New Pc. No.	Major Kit	Customer
550281	—	550394	DDC
550546			
550604			
550482	—	550543	Cummins
5004022			
5006301	800638	5006362	
5006302			
5006578			
550615	065483	550403	Caterpillar
5002574			
5009751			

Bendix® ET-S2™ Electronic Treadle

V.M.R.S. No. 44-007-047

SD-15-4111



Service New Pc. No.	Treadle & Spring Kit	Potentiometer Replacement Kit	Customer
800606	5006085	K124017	Cummins
800608		5010163	Caterpillar
K019453			

Your one-stop shop for hydraulic brake parts just got bigger, better *and* easier to use.

Here's why Formula Blue® is the smart choice for your operation:

- ☑ Catalog current to model year 2018
- ☑ New E107 standard pad line
- ☑ Expanded import and all makes coverage
- ☑ Industry's easiest and most up-to-date online parts finder
- ☑ One stop shop for all your hydraulic brake items
- ☑ Lowest prepaid freight in the industry, when combined with other Bendix® products.

The Formula Blue line – more than 6,000 parts strong – features a broad range of applications and provides a complete solution for fleet-oriented light- and medium-duty vehicles at an economical price. Products include new and remanufactured brake calipers, premium rotors, and full lines of pads, shoes, brake hardware, drums, and clutch hydraulics.

We've added 100 new part numbers

- More import and bus applications.
- A new value line of hydraulic brake pads, covering a range of name plates, including Blue Bird®, Ford®, Freightliner®, IC Bus®, Navistar®, Peterbilt®, and Thomas Built® Buses.

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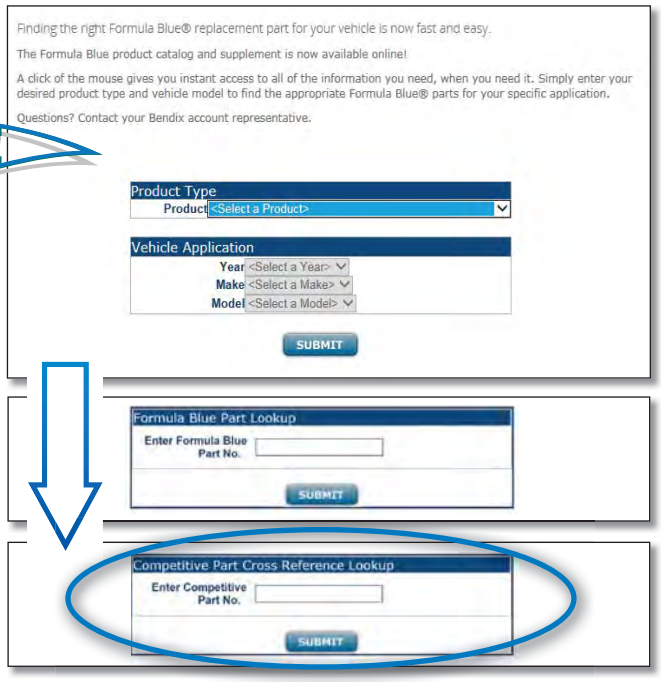
  Simply type in your product type and vehicle model to instantly find the right Formula Blue part for your application. Compare grades of pads and rotors (good/better/best). Cross from other brands to Formula Blue.

- **2018 Formula Blue Illustrated Parts Identification Guide**
  An extensive, user-friendly catalog that includes product photographs, dimensions and application information.

Visit the Formula Blue page on foundationbrakes.com to access these tools.

Formula Blue Parts Guide online at foundationbrakes.com



To learn more about Formula Blue hydraulic brake parts, contact your Bendix representative or call 1-866-610-9709, or visit foundationbrakes.com.

Bendix Spicer Foundation Brake LLC
A Bendix CVS and Dana Joint Venture

Application Guide for Most Popular Part Numbers

Description	Heavy Duty	Premium	Standard	Position	Year	Vehicle Make
Caliper	E14640166	E14640166	E146010661*	Fr R	2007 - 2014	Dodge®, Freightliner®, Mercedes-Benz®
	E14640167	E14640167	E146401671*	Fr L	2007 - 2014	Dodge, Freightliner, Mercedes-Benz
	E14675006	E14675006	E146750061*	Fr & Rr	1973 - 2008	Chevrolet®, Chevrolet MD, Freightliner, Freightliner MD, GMC®, International®, Navistar®, International Harvester® MD, Sterling®, Sterling MD
	E14675007	E14675007	E146750071*	Fr & Rr	1990 - 2005	Freightliner, GMC
	E14684106	E14684106	E146841061*	Fr & Rr	1980 - 2008	Blue Bird® Bus MD, Chevrolet, Chevrolet MD, Ford®, Ford MD, Freightliner, GMC, GMC MD, Isuzu®, Isuzu MD, Spartan® MD, Sterling, Sterling MD
	E14685008	E14685008	E146850081*	Fr & Rr	1983 - 2008	Blue Bird Bus MD, Chevrolet, Chevrolet MD, Freightliner, Freightliner MD, GMC, GMC MD, International®, Isuzu, Isuzu MD, Mack®, Navistar, International Harvester MD, Sterling, Sterling MD
	E14688008	E14688008	E146880101*	Fr & Rr	1985 - 2014	Blue Bird Bus MD, Ford, Freightliner, Freightliner MD, International, Kenworth®, Peterbilt®, Sterling, Sterling MD, Workhorse®, Workhorse Custom Chassis MD
	E14688010	E14688010	E146880101*	Fr & Rr	2004 - 2012	Thomas Built® MD
	E14690006	E14690006	E146900061*	Fr	2006 - 2012	Workhorse, Dodge, Freightliner, Mercedes-Benz
	E14690007	E14690007	E146900071*	Fr	2006 - 2012	Workhorse, Dodge, Freightliner, Mercedes-Benz
Disc Pads	E11101840	E10901840	E10701840	Fr & Rr	1973 - 2010	International, Chevrolet, GMC, Freightliner, Workhorse, Sterling
	E11102240	E10902240	E10702240	Fr & Rr	1979 - 2008	Chevrolet, GMC, Ford, Isuzu, Sterling
	E11102250	E10902250	E10702250	Fr & Rr	1979 - 2008	Chevrolet, GMC, IHC®, Blue Bird Bus, Freightliner, Isuzu, Sterling
	E11104110	E10904110	E10704110	Fr & Rr	1988 - 2007	Ford
	E11107690	E10907690	E10707690	Fr & Rr	1992 - 2012	Freightliner, Chevrolet, GMC, Isuzu, Blue Bird Bus, Ford, Workhorse, Thomas Built, Hino®, IC Bus®, IHC
	E11107840	E10907840	E10707840	Fr	2010 - 2011	GMC
	E11107860	E10907860	E10707860	Fr & Rr	1995 - 2011	Workhorse, IHC, Sterling, Blue Bird Bus, IC Bus, Thomas Built, Freightliner, Ford, Kenworth, Peterbilt
	E11107861	E10907861	E10707861	Fr & Rr	1998 - 2011	International, Sterling, Blue Bird Bus, Workhorse, IC Bus, Thomas Built, Freightliner, Ford, Kenworth, Peterbilt
	E11108250	E10908250	N/A	Fr	1998 - 2012	Chevrolet, GMC, Isuzu
	E11110660	E10910660	E10710660	Fr & Rr	2005 - 2012	Ford, International
	E11110690	E10910690	E10710690	Fr	2010 - 2012	Ford
	E11111360	E10913160	N/A	Fr		
	E11113170	E10913170	N/A	Rr		
	E11113280	E10913280	E10713280	Fr	2008 - 2011	Ford
Rotors	E12548021	E12648021	N/A	Fr & Fr	1998 - 2012	Chevrolet, GMC, Isuzu | Isuzu
	E12570074	E12670074	N/A	Fr & Rr	1999 - 2013	Ford | Ford
	E12580006	E12680006	N/A	Fr	2005 - 2010	Hino
	E12585006	E12685006	N/A	Fr & Rr	1979 - 2000	Chevrolet, GMC, Isuzu
	E12585013	E12685013	N/A	Fr	1979 - 1991	Chevrolet, GMC
	E12588018	E12688018	N/A	Fr & Rr	1973 - 2013	Ford | IHC , Blue Bird Bus, Freightliner, Sterling, Workhorse, IC Bus, Ford, Kenworth, Peterbilt
	E12588019	E12688019	N/A	Fr & Rr	1990 - 2013	Ford | Blue Bird Bus, IHC , Freightliner, Sterling, Workhorse, IC Bus, Ford, Kenworth, Peterbilt
	E12588020	E12688020	N/A	Fr & Rr	1973 - 2011	International, Blue Bird Bus, Freightliner, Workhorse, Kenworth, Peterbilt
	E12588021	E12688021	N/A	Fr & Rr	1973 - 2011	Ford | IHC , Blue Bird Bus, Freightliner, Sterling, Workhorse, IC Bus, Ford, Kenworth, Peterbilt
	E13040111	E12640111	N/A	Fr	2007 - 2012	Dodge, Freightliner, Mercedes-Benz
	E13040112	E12640112	N/A	Rr		
	E13040113	E12640113	N/A	Rr		

* Denotes the caliper does not include hardware (bare).

Rotor Cross Reference

Meritor®	Formula Blue®
23122527002	E12588006
23122687002	E12685013
23122688002	E12685009
23122691	E12584019
23122691002	E12584019
23122693002	E12585007
23122701002	E12588007
23122703002	E12584021
23122729002	E12685006
23122729098	E12685006
23122743002	E12684022
23122897002	E12688018
23122920002	E12688011
23122945002	E12588012
23122962002	E12688013
23123041002	E12685014
23123046002	E12585015
23123296002	E12685016
23123341002	E12584025
23123434002	E12585006
23123439002	E12684027
23123440002	E12685017
23123443002	E12684020

Meritor®	Formula Blue®
23123458002	E12684028
23123461002	E12584031
23123468002	E12587006
23123485002	E12685006
23123486002	E12685013
23123489002	E12685017
23123494002	E12587007
23123495002	E12685016
23123498002	E12684030
23123527002	E12684029
23123528002	E12584032
23123530002	E12584031
23123532002	E12585021
23123547002	E12591018
23123550002	E12688019
23123550004	E12688019
23123552002	E12688018
23123552004	E12688018
23123557002	E12685019
23123557004	E12685019
23123557009	E12685019
23123572002	E12688020
23123572004	E12688015

Meritor®	Formula Blue®
23123572004	E12688020
23123573002	E12688021
23123573004	E12688021
23123574004	E12585020
23123617004	E12580010
23123618007	E15680008
23123624007	E12580009
23123625002	E12580006
23123626002	E12580007
23123642002	E12591006
23123647002	E12591007
23123648002	E12688021
23123649002	E12688018
23123664002	E12688019
23123699008	E12688019
23123700002	E12684020
23123701008	E12688018
23123730008	E12688021
23123550009	E12688019
23123552009	E12688018
23123557009	E12688019
23123572009	E12688020
23123573009	E12688021

Performance Friction® (PFC)	Formula Blue®
278.050.01	E12567102
287.056.01	E12566078
301.052.01	E12567103
305.045.01	E12566077
318.094.01	E12570017
342.055.01	E12568066
348.067.01	E12568070
381.081.20	E12588019
381.082.20	E12588019
381.089.20	E12588021
381.089.30	E12588015
381.113.20	E12588018
381.181.20	E12588008
381.181.30	E12588006
390.048.20	E12588025
390.086.20	E12585019
390.193.20	E12585020

Caliper Cross Reference

Meritor®	Formula Blue®
60050150XL	E14784106
60450394	E14684106
60450468	E14684012
60450468002	E14684012
60450468005	E14684012
60450469	E14684013
60450469002	E14684013
60450469005	E14684013
60450473	E14684014
60450473	E14684014
60450473001	E14684014
60450473001	E14684014
60450473004	E14684014
60450473004	E14684016
60450473005	E14684014
60450474	E14684015

Meritor®	Formula Blue®
60450474	E14684017
60450474001	E14684015
60450474001	E14684017
60450474004	E14684015
60450474004	E14684017
60450474005	E14684015
60450474005	E14684017
60450475	E14684106
60450475001	E14684106
60450476	E14688016
60450477	E14688017
60450478	E14688015
60450478007	E14688015
60450479	E14688014
60450480	E14684016
60450481	E14684017

Meritor®	Formula Blue®
60450481004	E14684015
60450483	E14684012
60460473005	E14684016
R4212277X	E14681011
R4212278X	E14681010
E-11117X	E146840161
E-4238X	E146850081
E-4245X	E146840061
E-4237X	E146750061
E-11756X	E146880101
E-11750X	E146880081
E-12067X	E146850141
R42R55250	E146850081
R42R55251	E146841061
R42R55850	E146880101
R42R55314	E146750061

Meritor®	Formula Blue®
R42R55849	E146880081
R42R55717	E146750071
R42R55252	E146840061
E-11117GX	E14684016
E-11734X	E14684012
E-11733X	E14684013
E-13205X	E14688017
E-13707X	E14688014
E11756X	E14688010
E-11750X	E14688008
E-4238GX	E14685008

Disc Pad Cross Reference

Heavy Duty Meritor®	Heavy Duty Formula Blue®	Premium Meritor	Premium Formula Blue	Standard Meritor	Standard Formula Blue
MMD786	E11107860	MD786	E10907860	MVD786	E10707860
MMD786A	E11107861	MD786A	E10907861	MVD786A	E10707861
MMD784	E11107840	MD784	E10907840	MVD784	E10707840
MMD411	E11104110	MD411	E10904110	N/A	E10704110
MMD225	E11102250	MD225	E10902250	N/A	E10702250
MMD224	E11102240	MD224	E10902240	N/A	E10702240
MMD1069	E11110690	MD1069	E10910690	N/A	E10710690
MMD825	E11108250	MD825	E10908250	N/A	E10708250
MMD1317	E11113170	MD1317	E10913170	N/A	N/A
MMD1316	E11113160	MD1316	E10913160	N/A	N/A
MMD769	E11107690	MD769	E10907690	MVD769	E10707690

Heavy Duty Performance Friction® (PFC)	Heavy Duty Formula Blue
0224.10	E11102240
0225.10	E11102250
0411.10	E11104110
0784.20	E11107840
0786.10	E11107860
0786.11	E11107861
0786.12	E11107860
0786.13	E11107861
0825.20	E11108250
1316.10	E11113160
1317.10	E11113170
0769.10	E11107690

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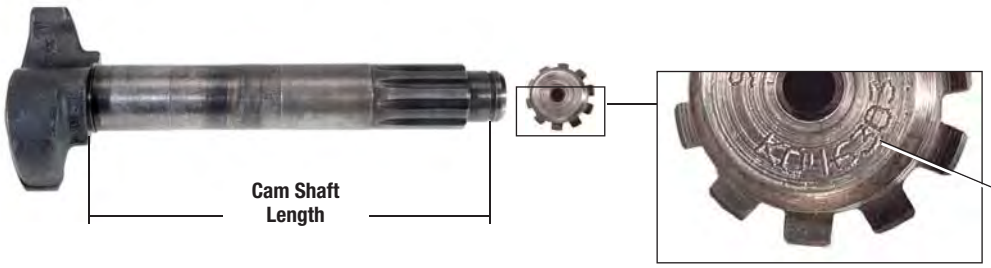
RSD Cam Service Replacements

- RSD Cam Kit Pc. No. K126580K must be used when servicing the RSD Cam to remain compliant with the RSD mandate.



		10 Tooth Cams RSD Precision Head					28 Tooth Cams RSD Precision Head Cams		
OE CCW Pc. No.	AM CCW Pc. No.	OE CW Pc. No.	AM CW Pc. No.	Cam Shaft Length	OE CCW Pc. No.	AM CCW Pc. No.	OE CW Pc. No.	AM CW Pc. No.	Cam Shaft Length
K044836	K067736	K044837	K067737	8.7490	K117544	K117544N	K117545	K117545N	8.750
K069752	K100120	K069753	K100121	9.3750	K117552	K117552N	K117553	K117553N	9.375
978882	K100122	978883	K100123	9.4380	K117558	K117558N	K117559	K117559N	9.437
K046302	K072902	K046303	K072903	10.1520	K117570	K117570N	K117571	K117571N	10.125
K044140	K070400	K044141	K070401	10.3430	K117576	K117576N	K117577	K117577N	10.375
K069754	K075214	K069755	K075215	10.6250	K117582	K117582N	K117583	K117583N	10.625
978878	K063938	978879	K063939	10.6870	K117588	K117588N	K117589	K117589N	10.687
K103538	K104980	K103539	K104981	10.8750	K117592	K117592N	K117593	K117593N	10.875
976714	K090344	976715	K090345	10.9370	K117596	K117596N	K117597	K117597N	10.937
K069756	K098626	K069757	K098627	11.6250	K117604	K117604N	K117605	K117605N	11.625
978876	K073359	978877	K073335	11.6870	K117610	K117610N	K117611	K117611N	11.687
K069758	K100118	K069759	K100119	12.1250	K117616	K117616N	K117617	K117617N	12.125
978880	K100124	978881	K100125	13.5930	K117634	K117634N	K117635	K117635N	13.625
K044146	K082206	K044147	K082207	15.3750	K117658	K117658N	K117659	K117659N	15.375

CW - Clockwise
CCW - Counterclockwise

RSD Cam Kit piece no. K126580K services one wheel end and consists of the following components:

Description	Qty.
Flat Washer	3
Washer	2
Washer	1
Snap Ring	1
Cam Washer	1
Bronze Bushing	2
Seal	2

For additional RSD Cam information contact the Tech Team at **1-800-AIR-BRAKE (1-800-247-2725),** Select option 2 then option 1 to reach the Tech Team.

Bendix.com
email techteam@bendix.com

Fax: 440-329-9556

Bendix® RSD-Certified Friction

Brake Size	Name Plate	Friction Material	OE Shoe Assembly	New Aftermarket Kit*	New Aftermarket Shoe	Reman Shoe Kit (See Note 1)	Reman Shoe	Aftermarket RSD Shoe Kit (See Note 2)
Steer Axle								
15" by 4"	Mack®, Volvo®	BX380	K046249	SB4729E2380	4729E2380	KT4729E2380	EX4729E2380	N/A
16½" by 5"	Volvo/Mack (early)	BX380	K051424	SB4719E2920	4719E2920	KT4719E2920	EX4719E2920	KT4719E2BA202R
16½" by 5"	Volvo/Mack (current)	BX920	K082060	SB4719E2920	4719E2920	KT4719E2920	EX4719E2920	KT4719E2BA202R
16½" by 5"	Freightliner®, International®, Kenworth®, Peterbilt®	BX950	K046188	SB4719E2950	4719E2950	KT4719E2950	EX4719E2950	KT4719E2BA202R
				For applications requiring two return springs, add HC suffix to these part numbers.				
16½" by 6"	Mack, Volvo	BX380	K051421	SB4725E2380	4725E2380	KT4725E2380	EX4725E2380	N/A
16½" by 6"	Freightliner, International, Kenworth, Peterbilt	BX950	K046184	SB4725E2950	4725E2950	KT4725E2950	EX4725E2950	N/A
Drive Axle								
16½" by 7"	Volvo (current)	BX415	K072338	SB4709E2415	4709E2415	KT4709E2415	EX4709E2415	KT4709E2BA202R
16½" by 7"	Freightliner, International, Kenworth, Peterbilt, Volvo/Mack (early)	ES420	819774	SB4709E2420	4709E2420	KT4709E2420	EX4709E2420	KT4709E2BA202R
16½" by 7"	Freightliner, International, Kenworth, Mack, Peterbilt, Volvo	ES1180	K038992	SB4079E21180	4709E21180	KT4709E21180	EX4709E21180	KT4709E2BA232R
16½" by 8⅝"	Volvo/Mack (current)	BX415	K078181	SB4726E2415	4726E2415	KT4726E2415	EX4726E2415	KT4726E2BA202R
16½" by 8⅝"	Freightliner, International, Kenworth, Peterbilt, Volvo/Mack (early)	ES420	819784	SB4726E2420	4726E2420	KT4726E2420	EX4726E2420	KT4726E2BA202R
16½" by 8⅝"	Freightliner, International, Kenworth, Mack, Peterbilt, Volvo	ES1180	K061952	SB4726E21180	4726E21180	KT4726E21180	EX4726E21180	KT4726E2BA232R

Note 1: Kit: Two shoes and hardware (one wheel-end).
Note 2: Shoe kit part numbers that contain BA202R indicate they are approved for vehicles with gross vehicle weight ratings (GVWRs) up to 52,000 lbs.
Note 3: Shoe kit part numbers that contain BA232R indicate they are approved for vehicles with gross vehicle weight ratings (GVWRs) up to 59,000 lbs.

Guide to Bendix part numbers

KT 4709 EII BA200

- BA200 → Friction Material Designation
  - BB=Bendix® Basic, BA=Bendix® Advanced
- EII → Shoe Core Identification
  - E=Bendix® (Eaton) single anchor pin
  - Q=Rockwell/Meritor
  - T=Rockwell/Meritor closed anchor pin hole T headed cam
  - HA=Bendix® (Spicer) Heavy Axle
  - P=Rockwell/Meritor closed anchor pin hole, S cam head
  - X3=Fruehaul XEM 3rd design
  - S=Standard Forge
  - EII=Bendix® (Eaton) Extended Service thicker lining
  - QM=Rockwell/Meritor for Mack with relocated Return Spring Hole
  - FCII=Bendix® (Spicer) Q+
- 4709 → FMSI Number (Friction Standards Institute, Inc.)
- KT → Product Prefix Designation
  - SB=New Lined Brake Shoe Kit
  - KT=Remanufactured Lined Brake Shoe Kit
  - EX=Single Remanufactured Lined Brake Shoe
  - No Prefix=New Lined Brake Shoe
  - No Prefix or Suffix=Unlined Brake Shoe

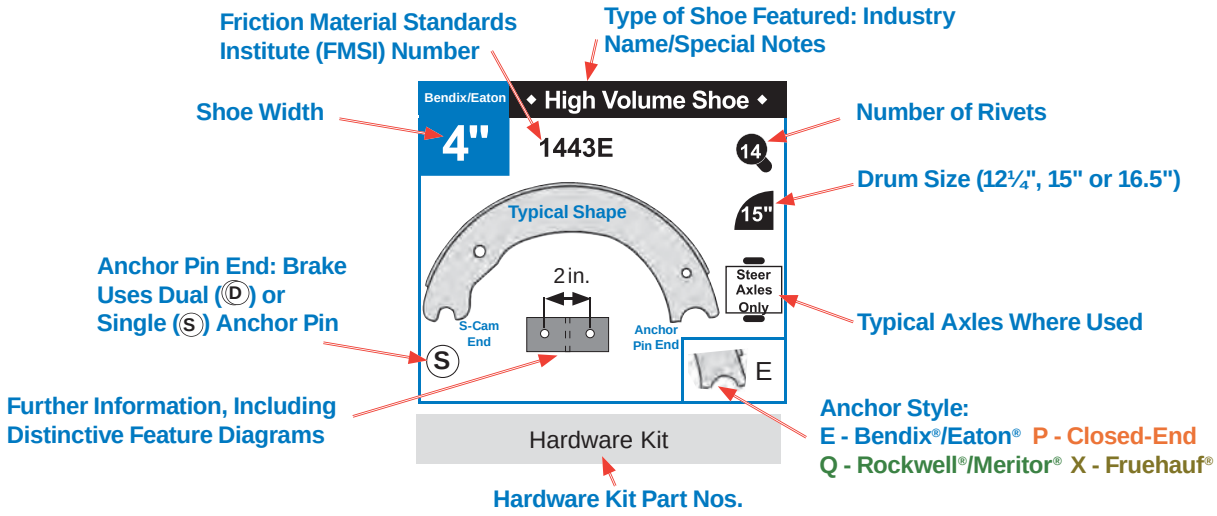
Typical Brake Lining Applications Chart

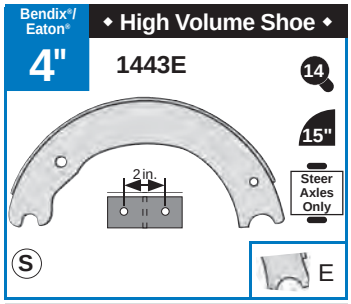
(Drive and Trailer Axle)

	Bendix® Basic		Bendix® Advanced									Bendix® OE					
	20,000 Lbs.	23,000 Lbs.	20,000 Lbs.				23,000 Lbs.					14,600 Lbs.		20,000 Lbs.	23,000 Lbs.		
Application	Economy (BB200)	Economy (BB230)	Standard (BA200)	Premium (BA201)	Premium Line Haul (BA203)	RSD Phase I Compliant (BA202R) (Drive/Steer)	Standard (BA230)	Premium (BA231)	[1]Severe Service (BA233)	[3]RSD Phase II Compliant: Drive - (BA232R)	[3]RSD Phase II Compliant: Steer - (BA202R)	RSD Phase I Compliant (Steer): [2]Volvo/Mack (BX920)	RSD Phase I Compliant (Steer): All Others (BX950)	RSD Phase I Compliant (Drive)	Drive (ES600)	Combo-block (ES1160)	Metallic (ES1100)
Single Tractor Trailer	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓	✓	–
Tandem Tractor Trailer	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓	✓	✓
Spread Tandem	–	–	✓	✓	✓	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multiple Trailer	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓	✓	✓
Van Trailer	–	–	✓	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓	✓	–
Straight Truck	✓	✓	✓	✓	✓	–	✓	✓	✓	–	–	–	–	✓	✓	✓	✓
Flat Bed	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dry Bulk	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Logging Trailer	–	–	–	–	–	✓	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Car Hauler	–	–	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	✓	✓	✓	–
Tanker	–	–	–	✓	✓	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Container Chassis	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
School Bus	–	–	–	✓	–	–	✓	✓	✓	–	–	–	–	✓	✓	–	–
Fire Truck	–	–	–	–	–	–	–	✓	✓	–	–	–	–	✓	✓	✓	✓
Refuse Truck	–	–	–	–	–	–	–	✓	✓	–	–	–	–	–	–	✓	✓
Tandem Axle Mixer	–	–	–	✓	–	–	✓	✓	✓	–	–	–	–	–	–	✓	✓
Single Axle Dump	–	–	–	✓	–	–	✓	✓	✓	–	–	–	–	–	–	✓	✓
Tandem Axle Dump	–	–	–	–	–	–	✓	✓	✓	–	–	–	–	–	–	✓	✓
Coach	–	–	–	✓	–	–	✓	✓	–	–	–	–	–	✓	✓	–	–

[1]BA232 is superseded by BA233
[2]BX380 is superseded by BX920
[3]Phase I & Phase II applications - All tractors–vehicles that contain a 5th wheel–must be RSD compliant.

Brake Shoe Identification





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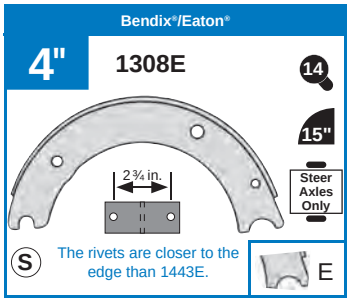

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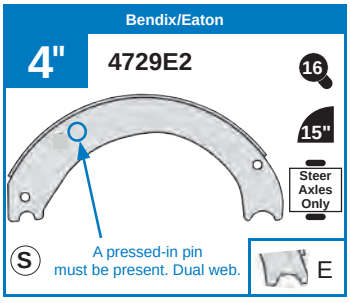

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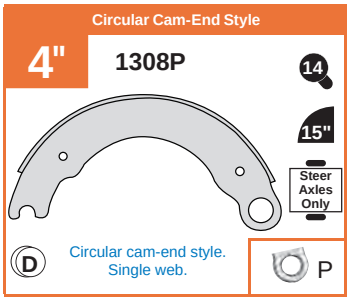

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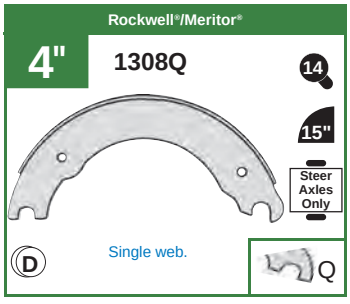

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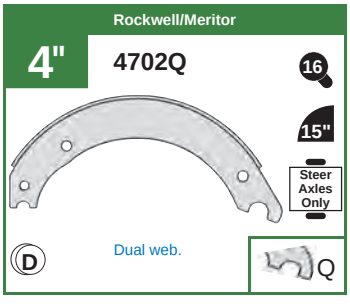
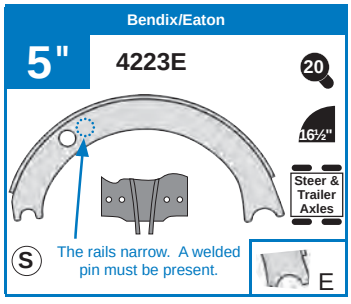


HK29SB/HK29XLS



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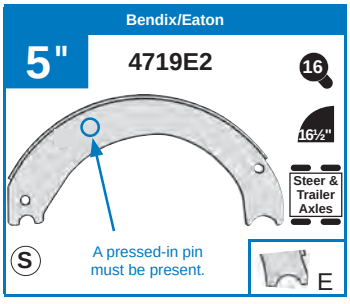

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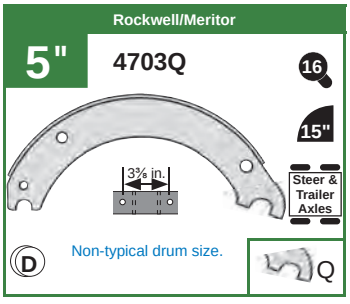
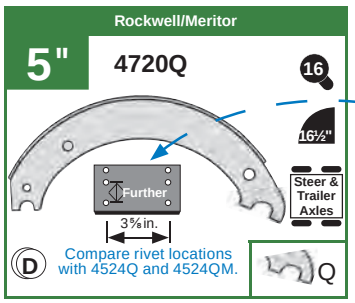
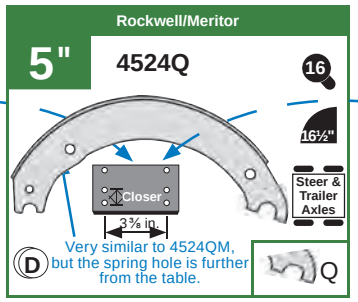


HK29XLS

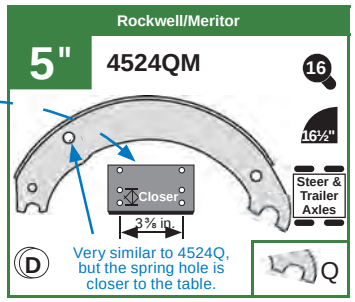
Brake Shoe Identification



HK74SB / HK74XLS



HK29XLS



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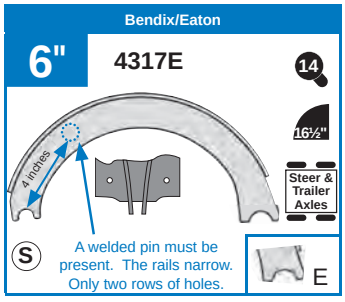

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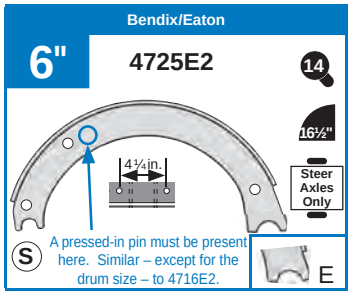
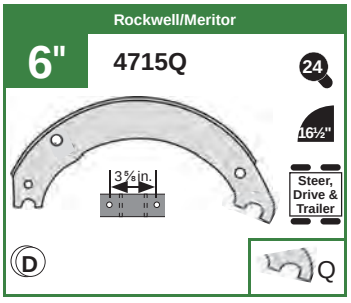
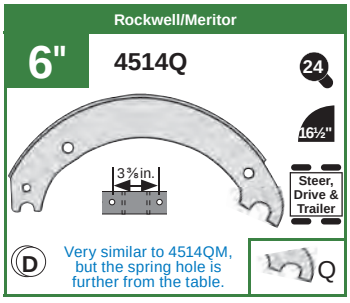


HK61XLS / HK62 / HK62XLS



HK29XLS / HK74XLS



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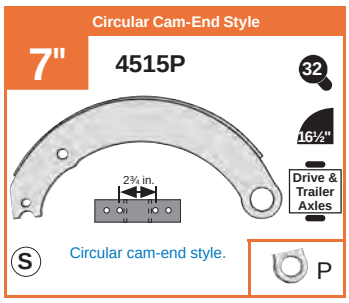

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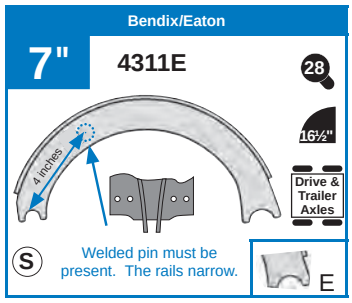

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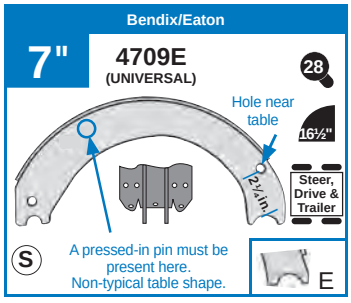
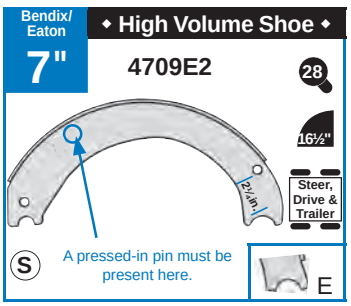
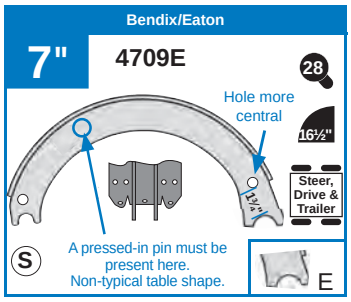


HK63 / HK63XLS



HK61XLS / HK62SD / HK62XLS



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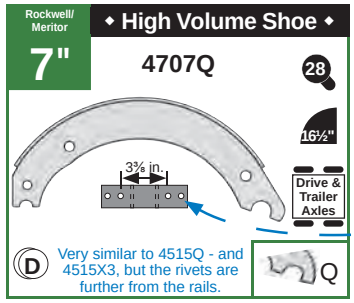
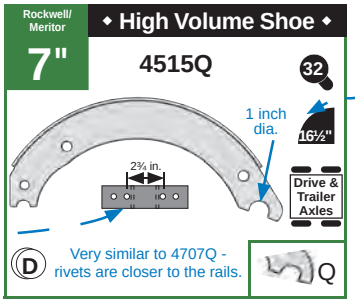


HK29SB / HK29XLS / HK29XLSMB



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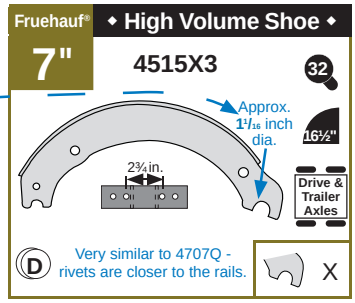
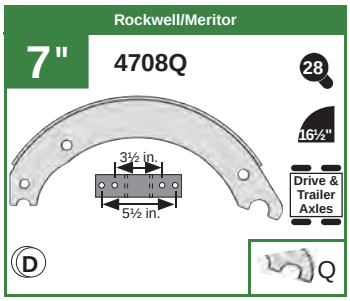


HK34SD / HK34XLS

Brake Shoe Identification



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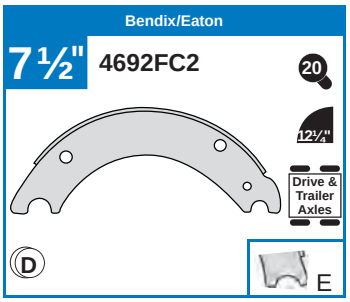
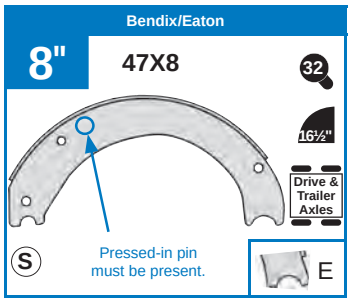


HK49-150



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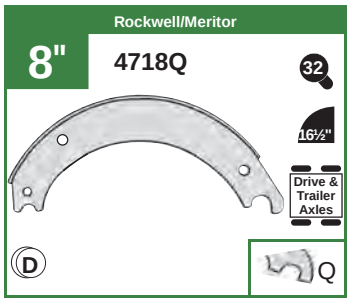

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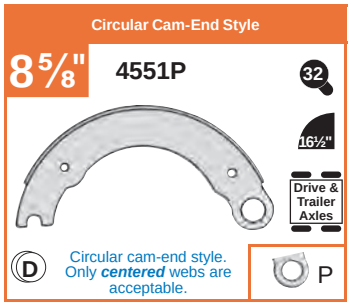
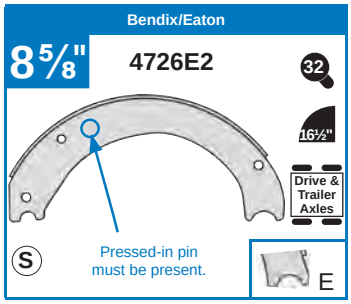
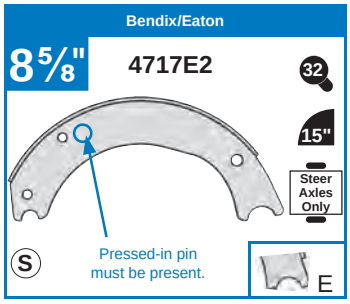


HK14SD/HK14XLS/HK16



HK61/HK61XLS



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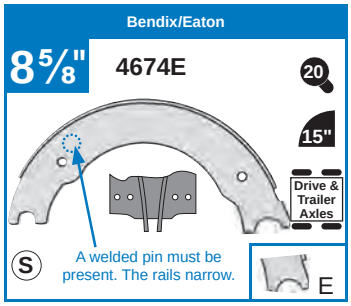

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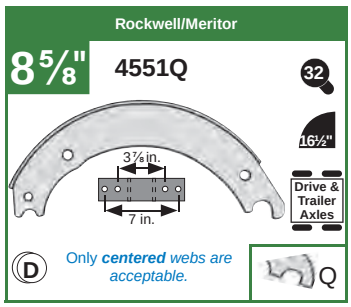
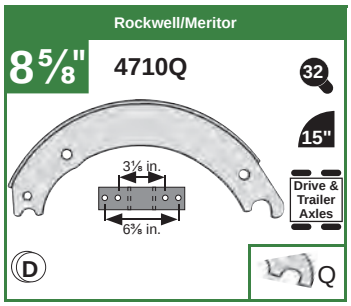


HK29/HK29XLS



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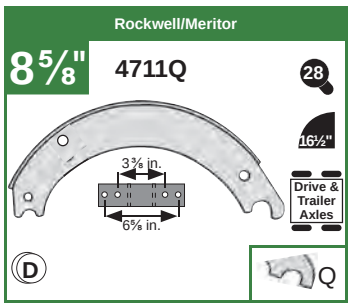

HK29XLS

Brake Shoe Hardware Kits

Hardware Kit Bendix Pc. No.	Hardware Kit Contents
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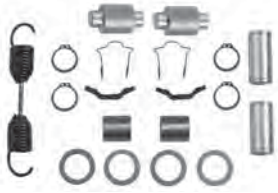
HK14XLS	
HK16	
HK16XLS	
HK24XLSHM	
HK24XLSLM	

Hardware Kit Bendix Pc. No.	Hardware Kit Contents
HK29	
HK29SB	
HK29SD	
HK29XLS	
HK29XLSMB	
HK34SD	

Brake Shoe Hardware Kits

Hardware Kit Bendix Pc. No.	Hardware Kit Contents
HK34XLS	
HK49-150	
HK51	
HK54	
HK55	
HK61	

Hardware Kit Bendix Pc. No.	Hardware Kit Contents
HK61XLS	
HK62	
HK62SD	
HK62XLS	
HK63	
HK63SD	

Brake Shoe Hardware Kits

Hardware Kit Bendix Pc. No.	Hardware Kit Contents
HK63XLS	
HK67XLS	
HK74SB	
HK74XLS	
HK75SD	

Hardware Kit Bendix Pc. No.	Hardware Kit Contents
HK80XLS	
HK81XLS	
HK91XLS	
HK97XLS	

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- **Disc and Drum Brakes**
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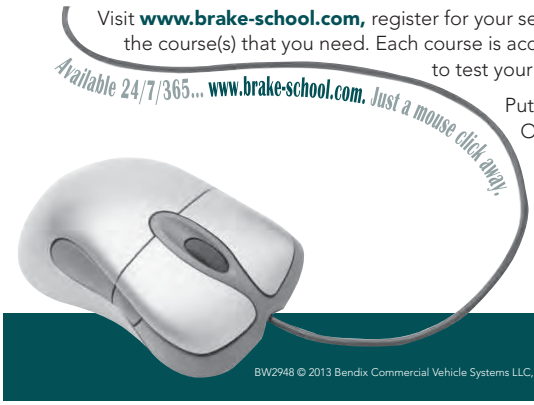

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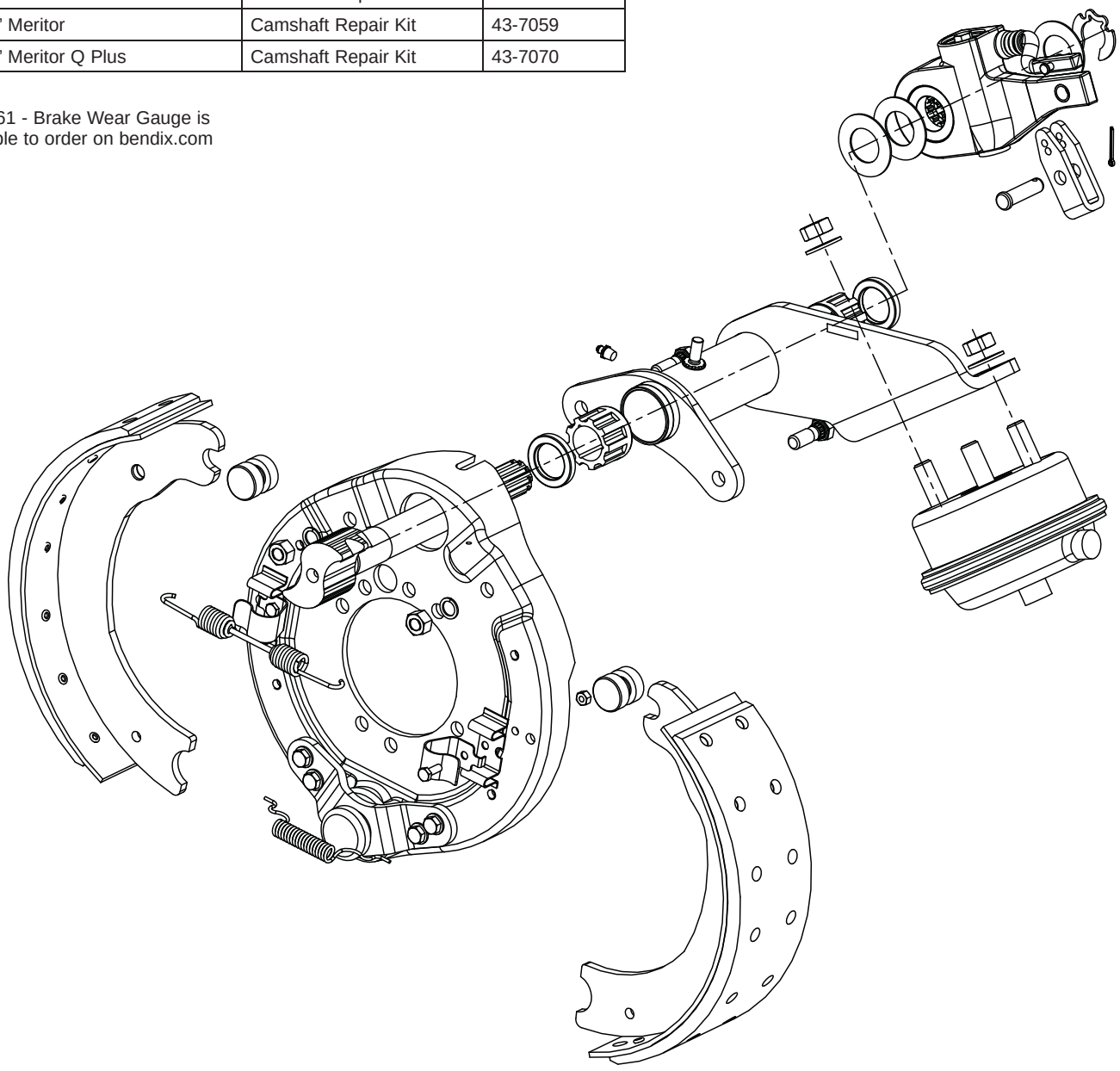
Steer Axle Drum Brake

Application	Description	Piece Number
15”x4” Bendix®	Brake Hardware Kit	HK54
15”x4” Bendix Extended Service	Brake Hardware Kit	HK54
15”x4” Meritor®	Brake Hardware Kit	HK55
15”x4” Meritor Q Plus	Brake Hardware Kit	HK29XLS
15”x4” Bendix	Camshaft Repair Kit	43-7060
15”x4” Bendix Extended Service	Camshaft Repair Kit	43-7060
15”x4” Meritor	Camshaft Repair Kit	43-7059
15”x4” Meritor Q Plus	Camshaft Repair Kit	43-7070

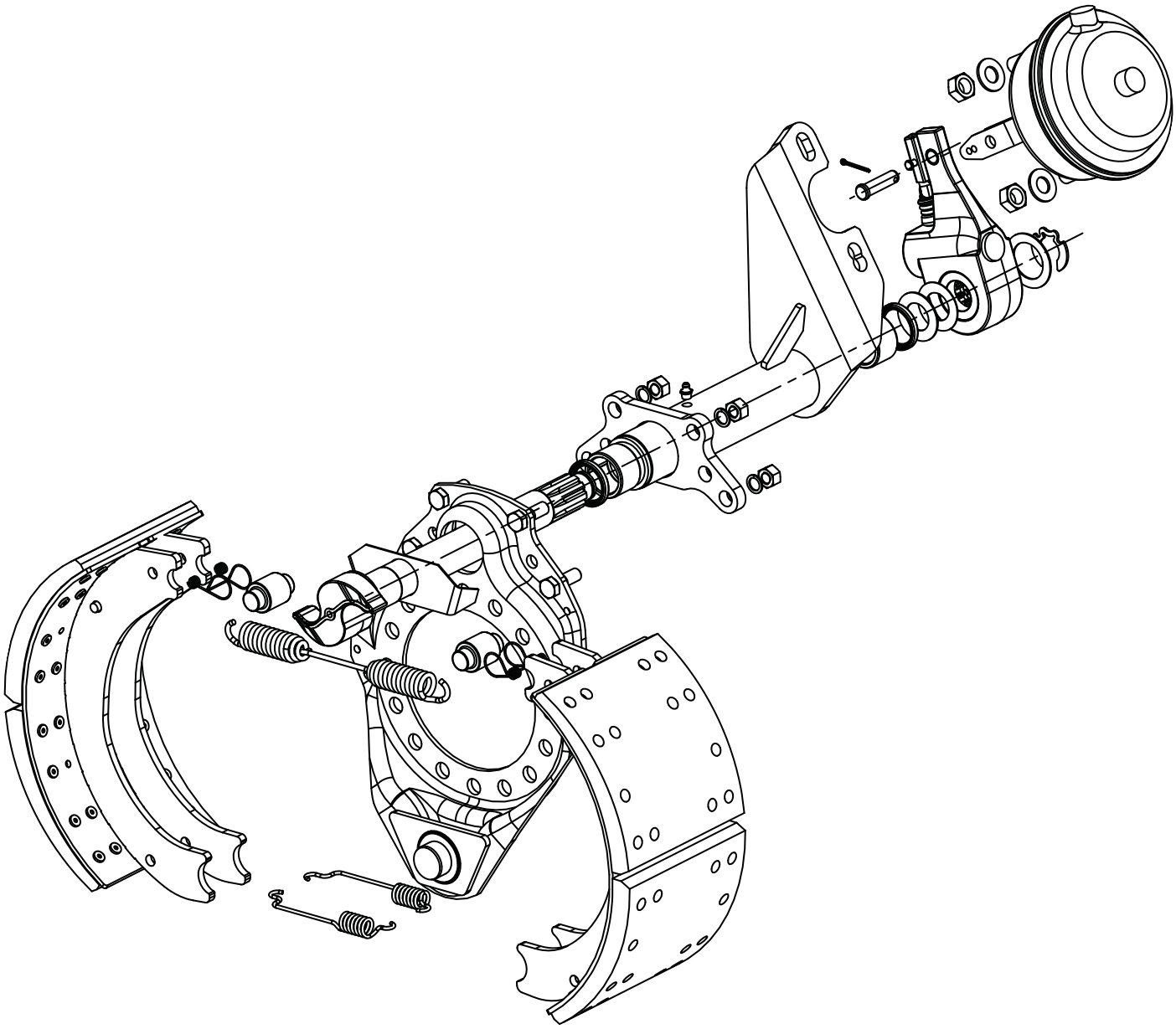
BW7261 - Brake Wear Gauge is available to order on bendix.com



This catalog contains the most common components and kits. Many other applications and variations are available in the Bendix® product offering. Visit the literature center on foundationbrakes.com for additional information.

Drive Axle Drum Brake

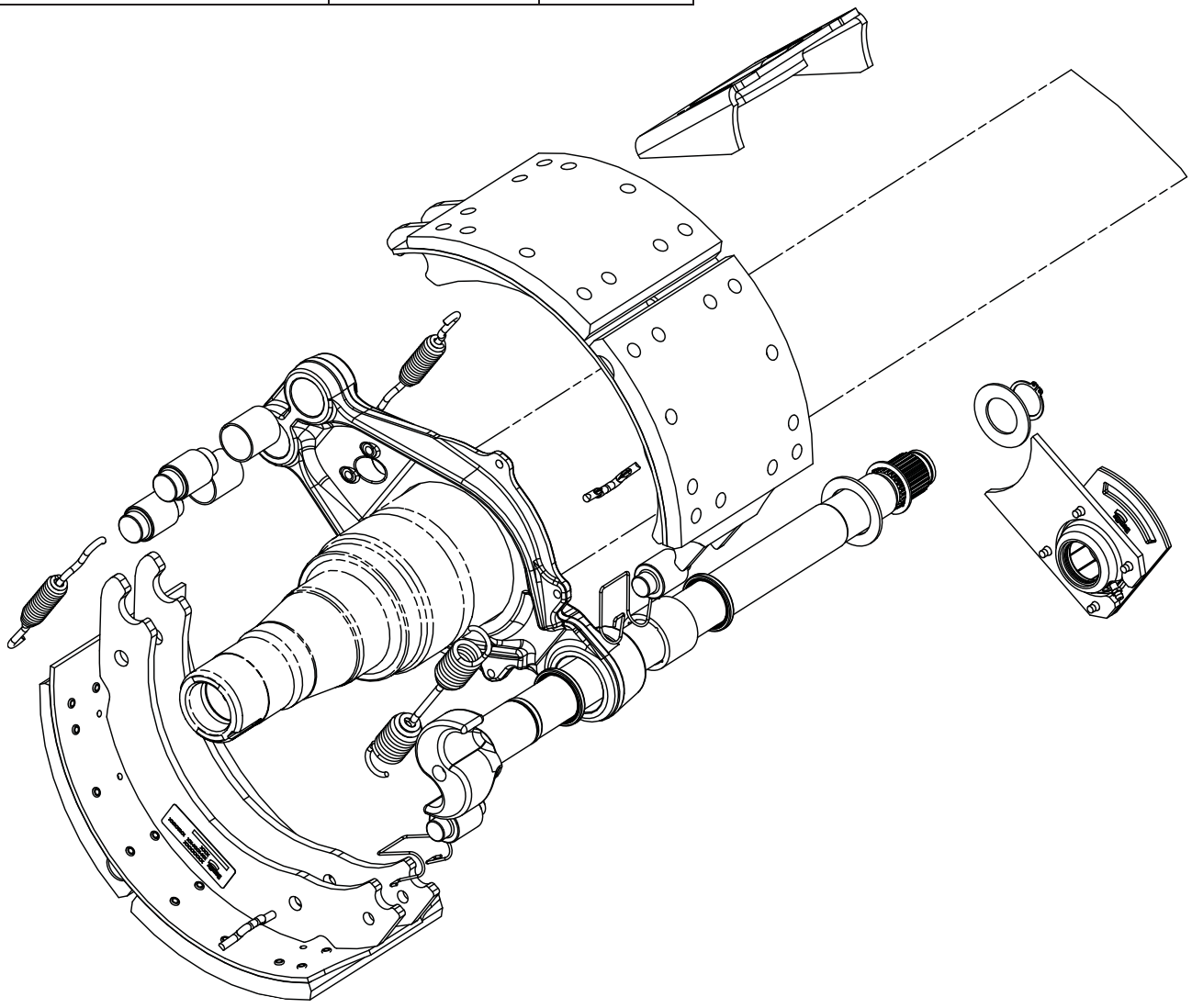
Application	Description	Piece Number
16.5” Dia. Bendix®	Brake Hardware Kit	HK24XLSHM
16.5” Dia. Bendix Extended Service	Brake Hardware Kit	HK61XLS
16.5” Dia. Meritor®	Brake Hardware Kit	HK29XLS
16.5” Dia. Meritor Q Plus	Brake Hardware Kit	HK29XLS
16.5” Dia. Bendix Extended Service	Camshaft Repair Kit	43-7069
16.5” Dia. Meritor Q Plus	Camshaft Repair Kit	43-7048



This catalog contains the most common components and kits. Many other applications and variations are available in the Bendix® product offering. Visit the literature center on foundationbrakes.com for additional information.

Trailer Axle Drum Brake

Application	Description	Piece Number
16.5” Dia. SAP Bendix®	Brake Hardware Kit	HK24XLSHM
16.5” Dia. SAP Bendix Extended Service	Brake Hardware Kit	HK61XLS
16.5” Dia. DAP Bendix	Brake Hardware Kit	HK29XLS
16.5” Dia. DAP Bendix Extended Service	Brake Hardware Kit	HK29XLS
16.5” Dia. Meritor®	Brake Hardware Kit	HK29XLS
16.5” Dia. Meritor Q Plus	Brake Hardware Kit	HK29XLS
16.5” Dia. ProPar	Brake Hardware Kit	HK34XLS
16.5” Dia. Bendix Extended Service	Camshaft Repair Kit	43-7118
16.5” Dia. Meritor Q Plus	Camshaft Repair Kit	43-7072
16.5” Dia. ProPar	Camshaft Repair Kit	43-7039



This catalog contains the most common components and kits. Many other applications and variations are available in the Bendix® product offering. Visit the literature center on foundationbrakes.com for additional information.

Bendix® ADB22X™ Air Disc Brake

SD-23-7541

For additional actuator information refer to section 02 of this catalog.

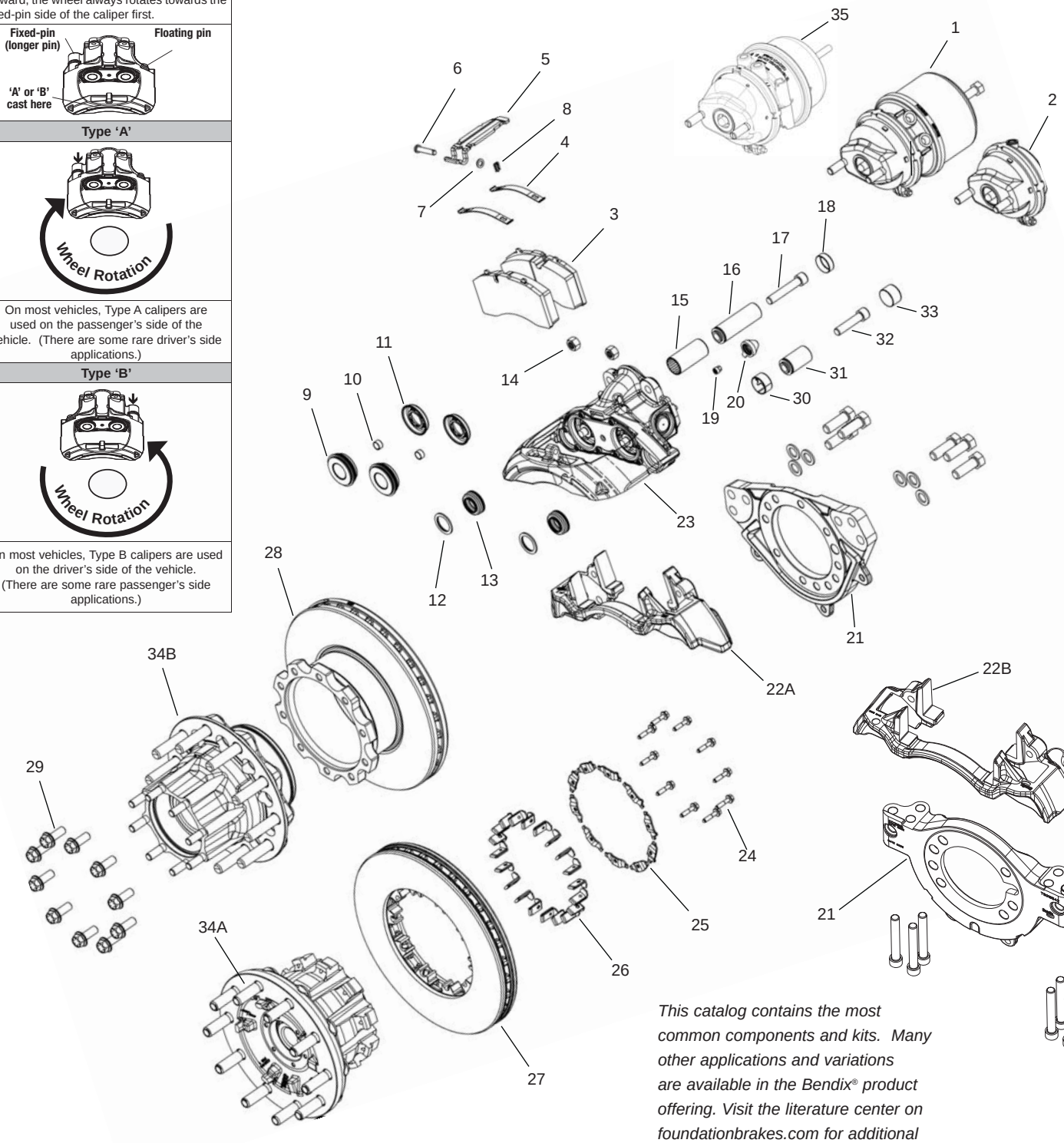
For Bendix® Air Disc Brakes, as a vehicle travels forward, the wheel always rotates towards the fixed-pin side of the caliper first.

Type 'A'

On most vehicles, Type A calipers are used on the passenger's side of the vehicle. (There are some rare driver's side applications.)

Type 'B'

On most vehicles, Type B calipers are used on the driver's side of the vehicle. (There are some rare passenger's side applications.)



This catalog contains the most common components and kits. Many other applications and variations are available in the Bendix® product offering. Visit the literature center on foundationbrakes.com for additional information.

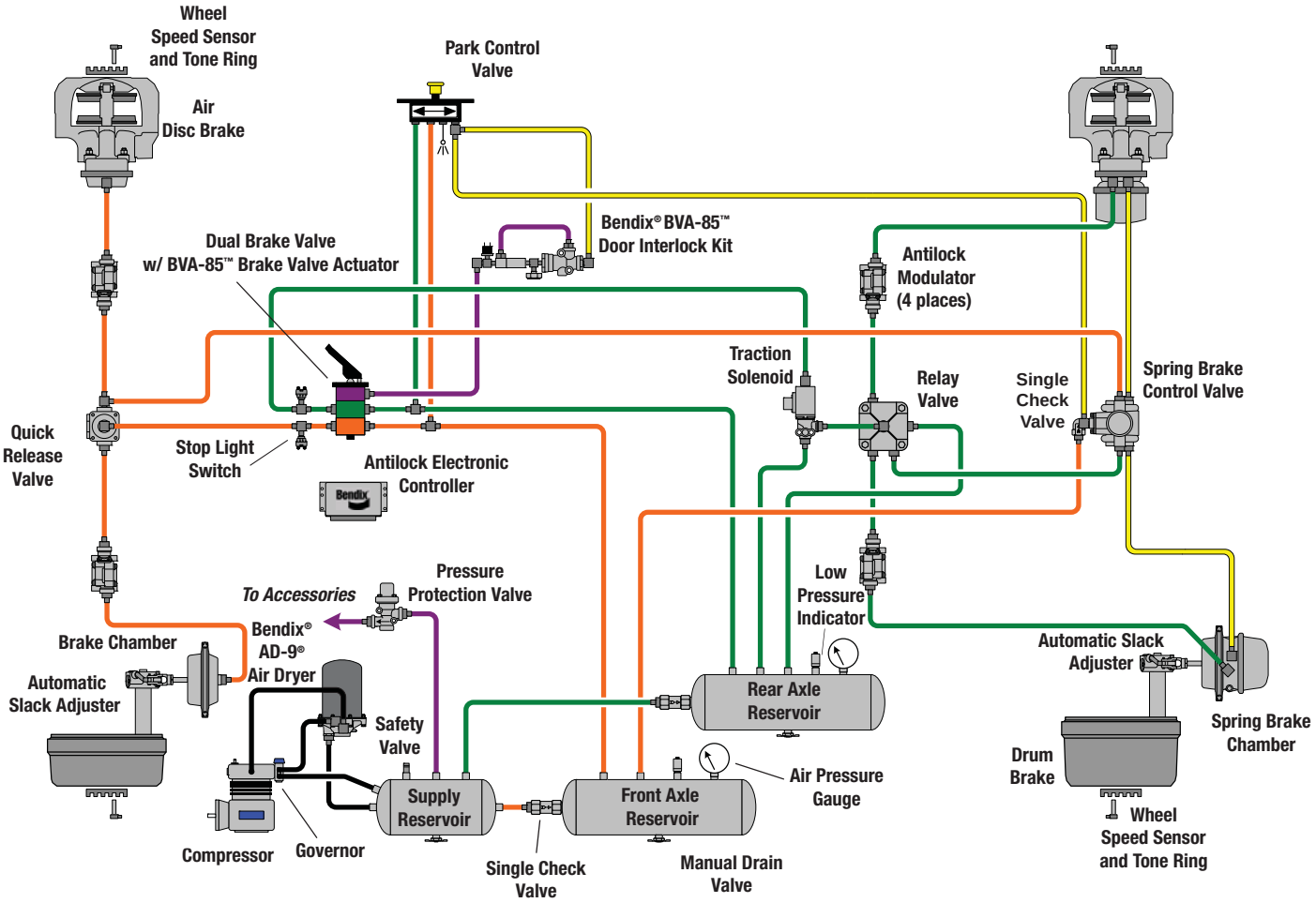
Kit	Piece Number	Air Disc Brake					Components Included in Kit
		North American Truck, Trailer & Refuse	Specialty Applications	Transit / Severe Duty			
		ADB22X™	ADB225™	SB-7™	SN-7™	SK-7™	
Pad Kit (axle set)	802593		✓				(3, 4, 5, 6, 7, 8, 19, 20)
	K070796	✓				✓	(3, 4, 5, 6, 7, 8, 19, 20)
	K109249			✓	✓		(3, 4, 5, 6, 7, 8, 19, 20)
	K109113	✓					Severe Duty - High Temp
	K109318			✓	✓		Severe Duty
	K115559	✓					Severe Duty - Low Temp
	K129276	✓					Extended Life Pad Kit
Splint Kit (box of 25)	803151	✓	✓	✓	✓		(8)
Shear Adapter (box of 10)	802455	✓	✓		✓		(19)
Tappet/Boot Kit (wheel end kit)	K010603				✓		(9, 10, 11)
	K010604			✓			(9, 10, 11)
	K092079	✓	✓		✓	✓	(9, 10, 11)
Adjuster Cover (non-wear sensing - box of 10)	802495	✓	✓				(20) Large adjuster cap
	802643	✓	✓				(20) Small adjuster cap
	K003902					✓	(20)
	K000945			✓	✓		
Guide Pin, Seal and Boot Kit (wheel end kit)	803114	✓					(12, 13, 15, 16, 17, 18, 30, 31, 32, 33)
	K001915		✓		✓		(12, 13, 15, 16, 17, 18, 30, 31, 32, 33) Rubber Bushing Retro. to Metallic Bushing
	K004100					✓	(12, 13, 15, 16, 17, 18, 30, 31, 32, 33)
	K010766				✓		(12, 13, 15, 16, 17, 18, 30, 31, 32, 33) DU Bushing Kit
	K048396K50			✓			(12, 13, 15, 16, 17, 18, 30, 31, 32, 33) See Service Data Sheet SD-23-7550 for Guide Pin Identification
	K048371K50			✓			
	K109244				✓		
	II328090062			✓			
	II39769F0062			✓			
	II368470064			✓			(12, 13, 15, 16, 17, 18, 30, 31, 32, 33) Rubber Bushing Kit
Guide Pin Grease	II14525	✓	✓	✓	✓		White (5 grams)
	K021964	✓	✓	✓	✓		White (500 grams)
	K021963			✓			Green (8 grams)
	K021975			✓			Green (500 grams)
Service Actuator	K028039	✓					Bendix® Type 14 Universal (2, 14)
	K028226	✓					Bendix® Type 16 Universal (2, 14)
	K028022	✓	✓	✓	✓	✓	Bendix® Type 18 Universal (2, 14)
	K021995				✓		Bendix® Type 24
	K021996				✓		Bendix® Type 24
	K028225	✓	✓	✓	✓	✓	Bendix® Type 20 Universal (2, 14)
Spring Brake Chamber (See the Spring Brake Section on page 21 for more information.)	K027557	✓					Bendix® Type 18/16 Piston Style Truck/Trailer Universal (1, 14)
	K025670	✓	✓	✓	✓	✓	Bendix® Type 18/24 Piston Style Truck/Trailer Universal (1, 14)
	K068622				✓		Bendix® Type 22/24
	803089				✓		Bendix® Type 24/24
	803090				✓		Bendix® Type 24/24
	K025669	✓	✓	✓	✓	✓	Bendix® Type 20/24 Piston Style Truck/Trailer Universal (1, 14)

Kit	Piece Number	Air Disc Brake					Components Included in Kit
		North American Truck, Trailer & Refuse	Specialty Applications	Transit / Severe Duty			
		ADB22X™	ADB225™	SB-7™	SN-7™	SK-7™	
Caliper-Carrier Assembly Includes 803114	K081142	✓					Steer and Drive Axial "A" (22A + 23)
	K081143	✓					Steer and Drive Axial "B" (22A + 23)
	802984	✓					Trailer Axial "A" (22A + 23)
	802985	✓					Trailer Axial "B" (22A + 23)
	K081256	✓					Steer and Drive Vertical "A" (22B + 23)
	K081257	✓					Steer and Drive Vertical "B" (22B + 23)
	K108183				✓		Caliper Carrier with Pads "B"
	K108184				✓		Caliper Carrier with Pads "A"
	K108187				✓		Caliper Carrier with Pads "A"
	K108188				✓		Caliper Carrier with Pads "B"
	K108189				✓		Caliper Carrier with Pads "A"
	K108190				✓		Caliper Carrier with Pads "B"
	K108191				✓		Caliper Carrier with Pads "A"
	K108192				✓		Caliper Carrier with Pads "B"
	K147135X	✓					Reman. Caliper/Caliper Steer & Drive, Vertical Type "B" (N2G)
	K147136X	✓					Reman. Caliper/Carrier Steer & Drive, Vertical Type "A" (N2G)
	K147429X	✓					Reman. Caliper/Caliper Steer & Drive, Axial Type "B" (N2G)
	K147430X	✓					Reman. Caliper/Carrier Steer & Drive, Axial Type "A" (N2G)
	K098284X	✓					Reman. Caliper/Carrier Trailer Type "A" (N2G)
	K098285X	✓					Reman. Caliper/Caliper Trailer Type "B" (N2G)
	K149714	✓					Service New ADB22X-LT Caliper/Carrier
	K149715	✓					Service New ADB22X-LT Caliper/Carrier
Caliper Kit (rationalized) Includes 803114	K081258	✓					Steer & Drive Axle "A" (23)
	K081259	✓					Steer & Drive Axle "B" (23)
	K019180	✓					Trailer Axle "A" (23)
	K019181	✓					Trailer Axle "B" (23)
	K002964			✓			Transit Bus / Severe Duty Applications (23) "B"
	K002965			✓			Transit Bus / Severe Duty Applications (23) "A"
	K003783				✓		Transit Bus / Severe Duty Applications (23) "B"
	K003784				✓		Transit Bus / Severe Duty Applications (23) "A"
	K003809				✓		Transit Bus / Severe Duty Applications (23) "B"
	K003810				✓		Transit Bus / Severe Duty Applications (23) "A"
	K003811				✓		Transit Bus / Severe Duty Applications (23) "B"
	K003812				✓		Transit Bus / Severe Duty Applications (23) "A"
	K109120				✓		Transit Bus / Severe Duty Applications (23) "A"
	K109121				✓		Transit Bus / Severe Duty Applications (23) "B"
	K014065			✓			Transit Bus / Severe Duty Applications (23) "B"
	K014066			✓			Transit Bus / Severe Duty Applications (23) "A"
	K097848	✓					Service New Rationalized Caliper Steer & Drive, Axial & Vertical
	K097849	✓					Service New Rationalized Caliper Steer & Drive, Axial & Vertical
	K098282	✓					Service New Rationalized Caliper Steer & Drive, Axial & Vertical
	K098283	✓					Service New Rationalized Caliper Steer & Drive, Axial & Vertical
Carrier Kit	K051853	✓					Steer and Drive Axle, Axial (12, 13, 17, 18, 19, 20, 22A, 32, 33)
	K056559	✓					Steer and Drive Axle, Vertical (12, 13, 17, 18, 19, 20, 22B, 32, 33)
	K043288	✓					Trailer Axle, Axial (12, 13, 17, 18, 19, 20, 22A, 32, 33)

Kit	Piece Number	Air Disc Brake					Components Included in Kit
		North American Truck, Trailer & Refuse	Specialty Applications	Transit / Severe Duty			
		ADB22X™	ADB225™	SB-7™	SN-7™	SK-7™	
Hubs	802847	✓					Splined Disc® Brake - Aluminum - R Drive, LMS Bearing Package (34B)
	802859	✓					Splined Disc Brake - Aluminum - R Drive, Standard Bearing Package* (34B)
	803134	✓					Splined Disc Brake - Aluminum - FL Steer, LMS Bearing Package (34A)
	803138	✓					Splined Disc Brake - Aluminum - FL Steer, Standard Bearing Package* (34A)
	K020505	✓					Splined Disc Brake - Aluminum - FF Steer, LMS Bearing Package (34A)
	K020514	✓					Splined Disc Brake - Aluminum - FF Steer, Standard Bearing Package* (34A)
	K045298	✓					Splined Disc - Aluminum - "TN" Trailer, Standard Bearing Package* (34B)
	K045297	✓					Splined Disc - Aluminum - "TP" Trailer, Standard Bearing Package* (34B)
	See hub supplier for these standard hub products	✓	✓	✓	✓	✓	U-shaped - Iron/Aluminum, LMS/Standard Bearing Packages
		✓	✓	✓	✓	✓	Flat - Iron/Aluminum, LMS/Standard Bearing Packages
Splined Disc® Rotor Attaching Kit	K037767	✓					All Splined Disc® Rotor Applications (24, 25, 26)
Rotor	K038573	✓	✓				138mm Offset, 430mm Outer Diameter, 249mm Inner Diameter, U-shaped (28, 29)
	K038574	✓	✓				150mm Offset, 430mm Outer Diameter, 249mm Inner Diameter, U-shaped (28, 29)
	802569	✓					No Offset, 430mm Outer Diameter, 258mm Inner Diameter, Heavy-Duty Splined Disc Kit (24, 25, 26, 27)
	802669			✓	✓		114.7mm Offset, 430mm Outer Diameter, 165mm Inner Diameter, Rotor U-shaped (28)
	K021958			✓	✓		131mm Offset, 430mm Outer Diameter, 198mm Inner Diameter, Rotor U-shaped (28)
	K021959			✓	✓		179.7mm Offset, 430mm Outer Diameter, 163.4mm Inner Diameter, Rotor U-shaped (28)
	K034497				✓		104.7mm Offset, 430mm Outer Diameter, 165mm Inner Diameter (28)
	II37415N			✓	✓		136mm Offset, 430mm Outer Diameter, 190mm Inner Diameter, Rotor U-shaped (28)
Shields	802948	✓					Steer Axle Pad Shield Kit
	803129	✓					Trailer Axle Pad & Rotor Shield Kit
	803130	✓					Drive Axle Pad & Rotor Shield Kit
Tool Kit	K028829	✓					Tappet Boot Tool Kit
	K029107	✓					Guide Pin and Tappet Boot Tool Kit
	K029164	✓					Guide Pin and Tappet Boot Tool Kit
	K039062K50				✓		Guide Pin and Tappet Boot Tool Kit
	II37951/004			✓			Guide Pin and Tappet Boot Tool Kit
Air Disc Brake Pad Wear Kit	K109114	✓					Pad / Rotor Measuring Tool

** Universal Replacement with standard bearing configuration and long studs. Contact 1-800-AIR-BRAKE if identification assistance is required.*

Typical School Bus Air System Schematic with a Bendix® AD-9® Air Dryer

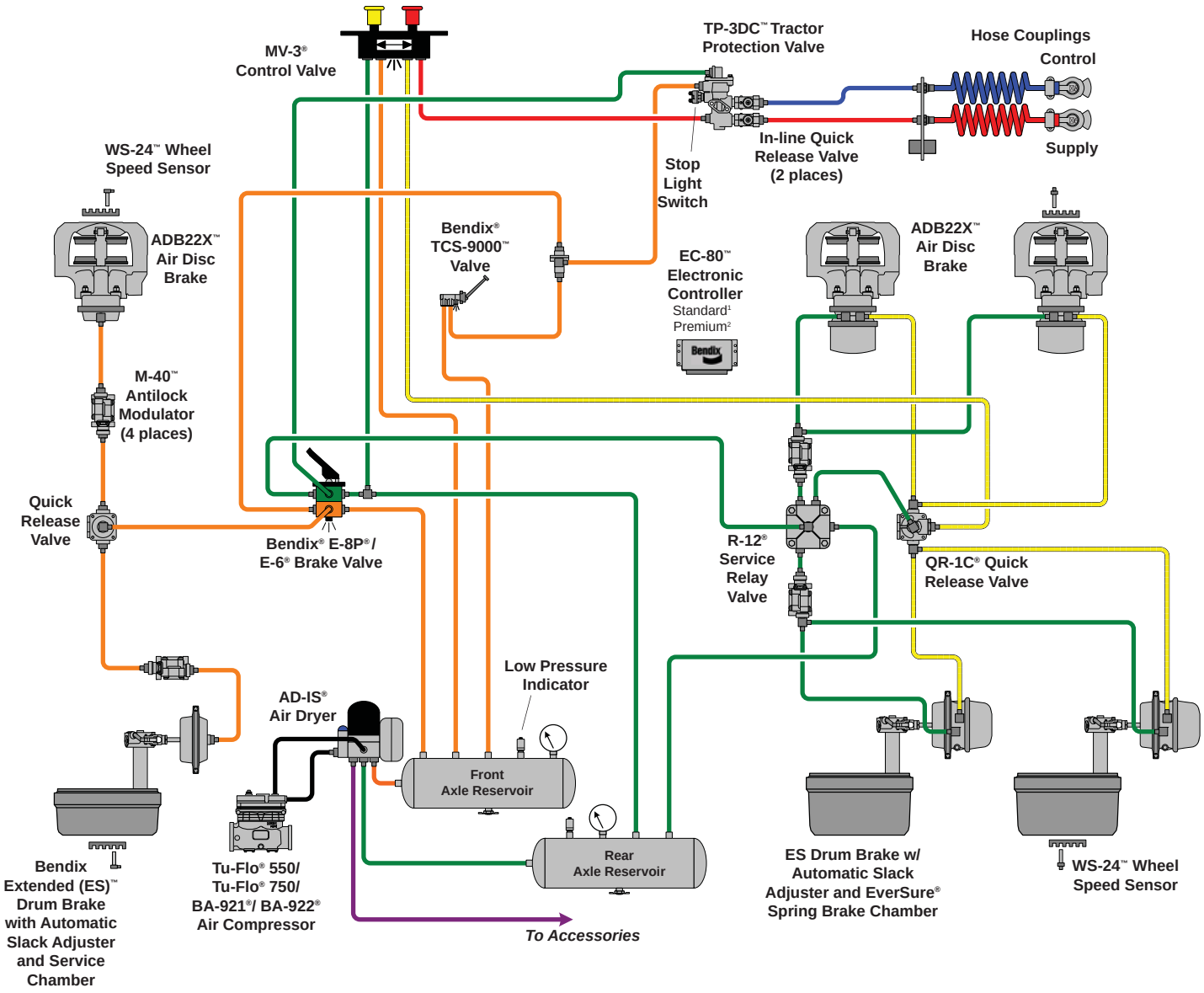


Notes:

The color coding of the brake system schematic follows TMC Recommended Practice #423. Air disc & drum brake actuation combined on a single axle are shown for pictorial purposes only.

SCHOOL BUS:				
Charging	Primary	Secondary	Parking (Control)	Accessories

Basic Tractor System Schematic



Notes:

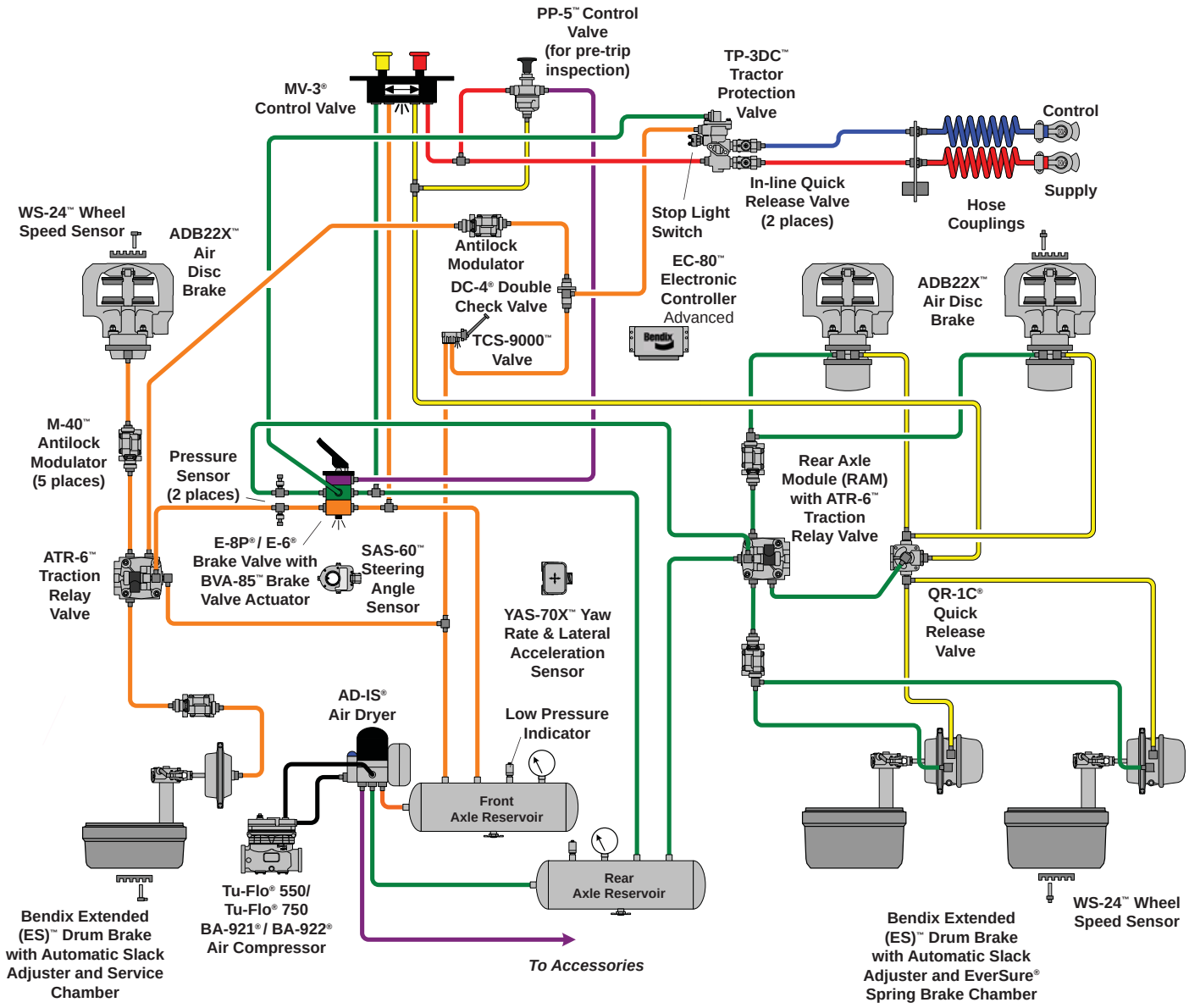
The color coding of the brake system schematic follows TMC Recommended Practice #423.
Air disc & drum brake actuation combined on a single axle are shown for pictorial purposes only.

¹ Equipped with standard Bendix® ABS Antilock Brake System

² Equipped with Bendix® ABS and Smart ATC™ Traction Control

TRUCKS AND TRUCK TRACTORS:					
Charging	Primary	Secondary	Park (Supply)	Parking (Control)	Accessories

Typical Tractor System Schematic with Bendix® ESP® Full Stability

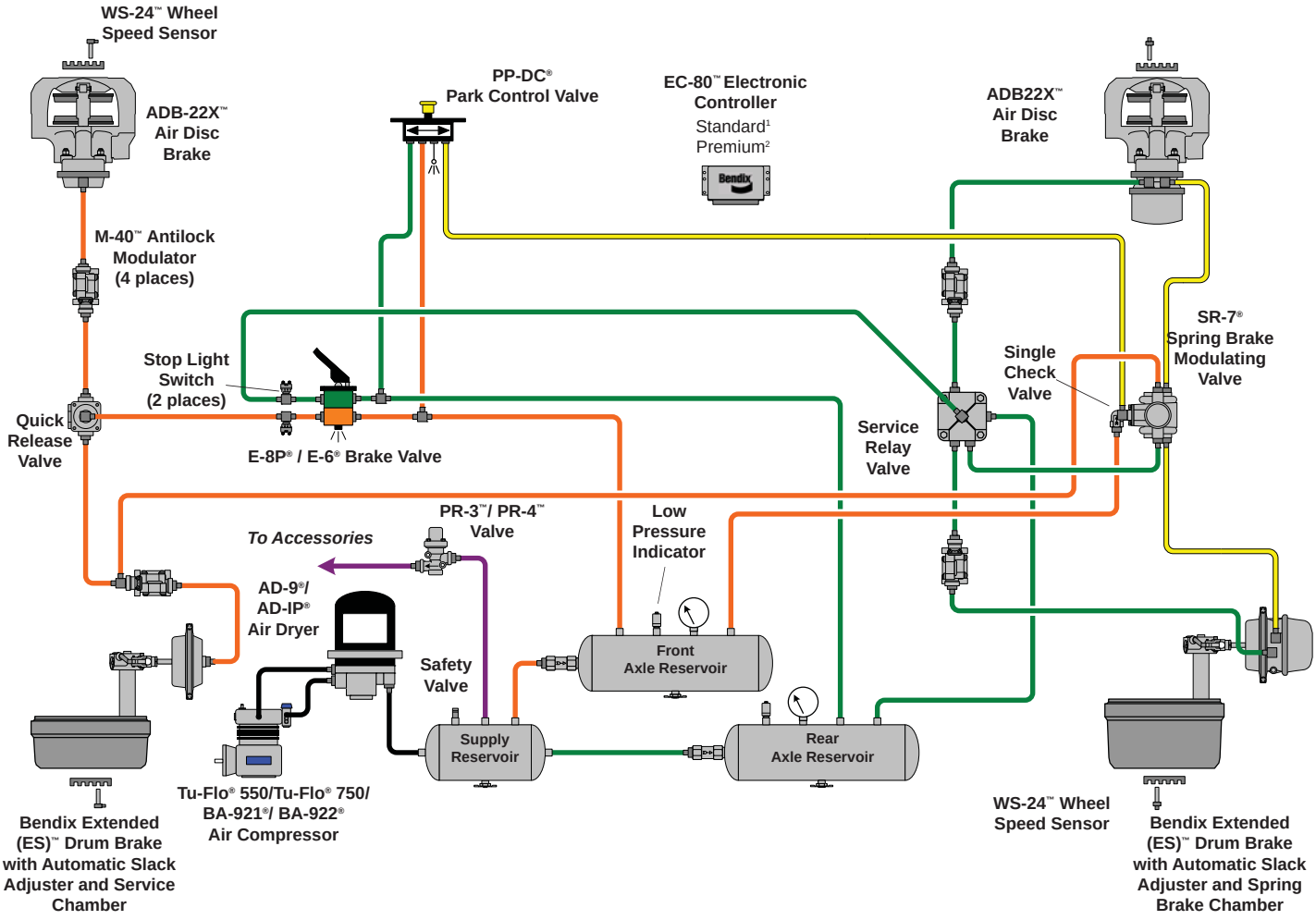


Notes:

The color coding of the brake system schematic follows TMC Recommended Practice #423.
Air disc & drum brake actuation combined on a single axle are shown for pictorial purposes only.

TRUCKS AND TRUCK TRACTORS:					
Charging	Primary	Secondary	Park (Supply)	Parking (Control)	Accessories

Typical Truck System Schematic



Notes:

The color coding of the brake system schematic follows TMC Recommended Practice #423.

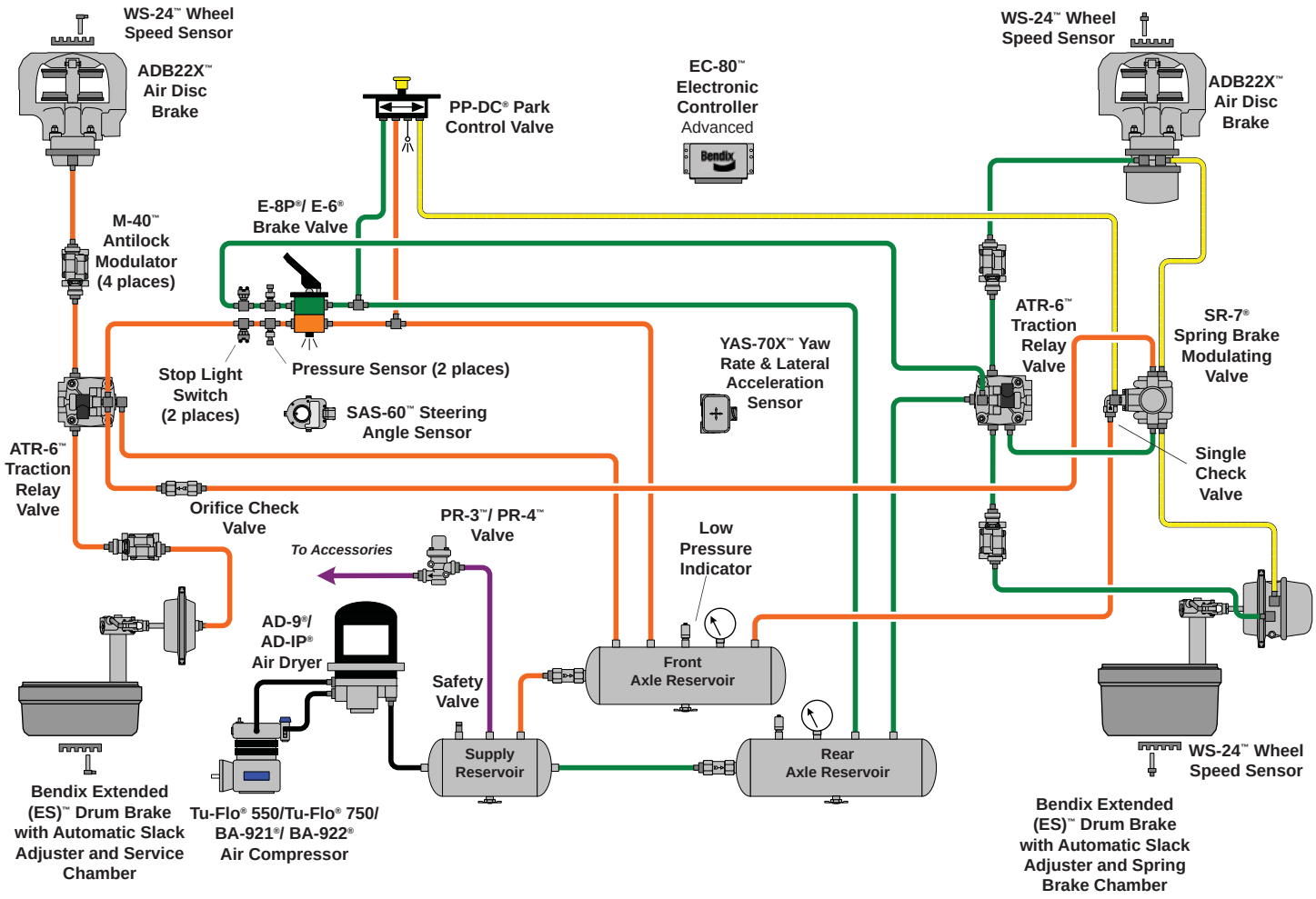
Air disc & drum brake actuation combined on a single axle are shown for pictorial purposes only.

¹ Equipped with standard Bendix® ABS Antilock Brake System

² Equipped with Bendix® ABS and Smart ATC™ Traction Control

TRUCKS AND TRUCK TRACTORS:					
Charging	Primary	Secondary	Park (Supply)	Parking (Control)	Accessories

Typical Truck System Schematic with Bendix® ESP® Full Stability

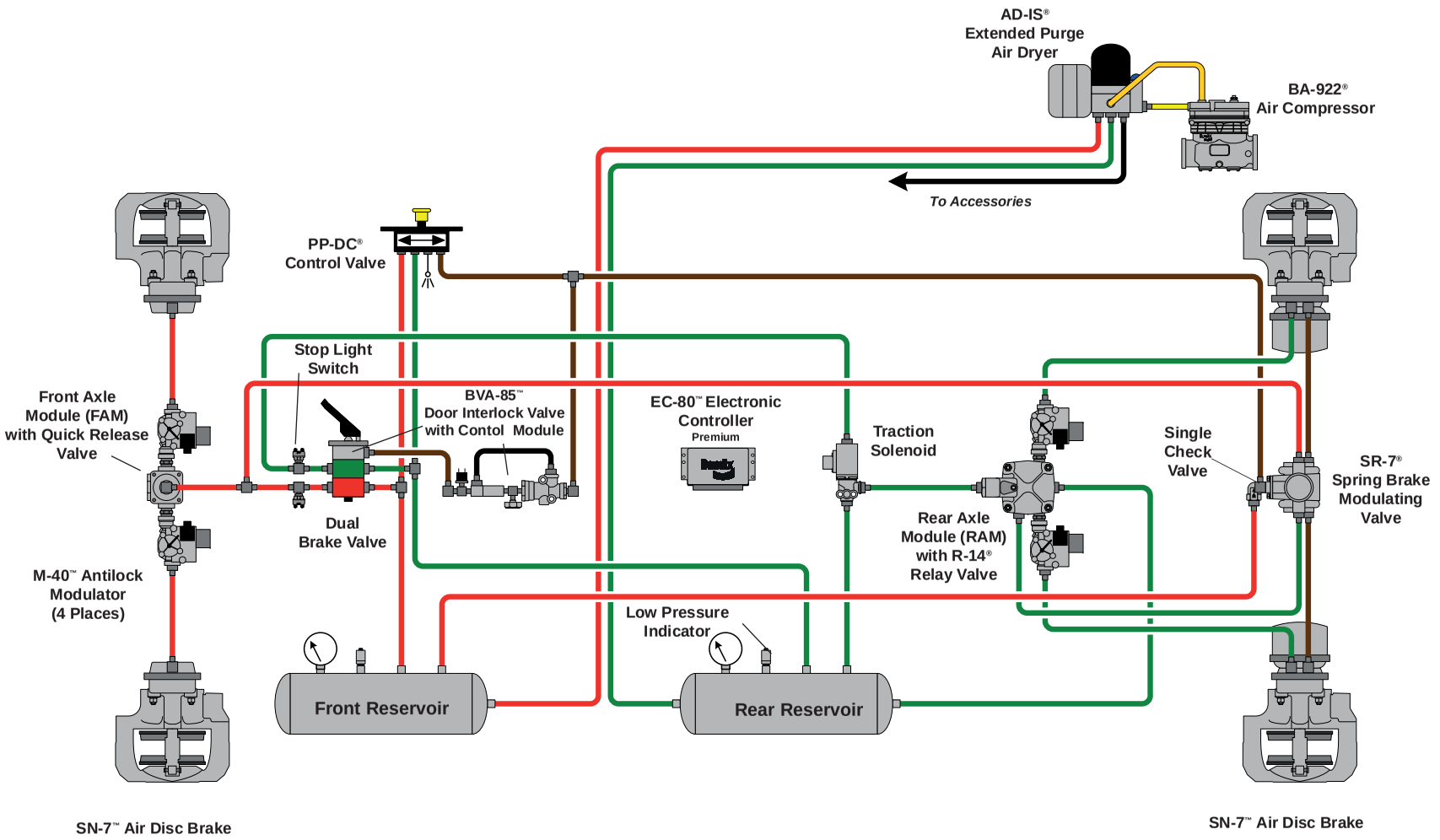


Notes:

The color coding of the brake system schematic follows TMC Recommended Practice #423.
Air disc & drum brake actuation combined on a single axle are shown for pictorial purposes only.

TRUCKS AND TRUCK TRACTORS:					
Charging	Primary	Secondary	Park (Supply)	Parking (Control)	Accessories

Typical Coach Bus Air System Schematic

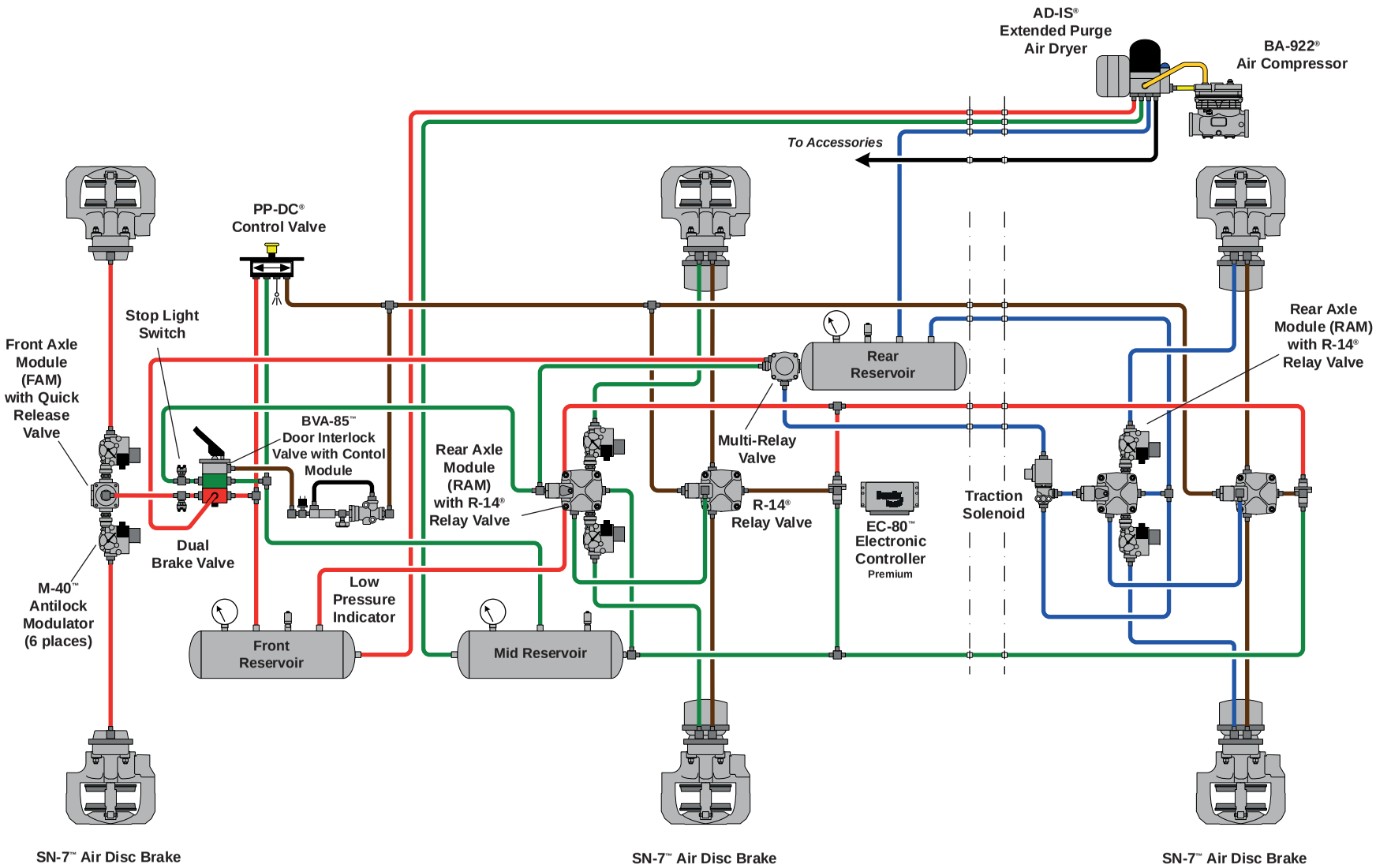


Notes:

The color coding of the brake system schematic follows APTA Recommended Practice.
Air disc & drum brake actuation combined on a single axle are shown for pictorial purposes only.

COACH:				
Primary & Supply	Secondary	Parking	Compressor Governor	Accessories

Typical Articulated Coach Bus Air System Schematic

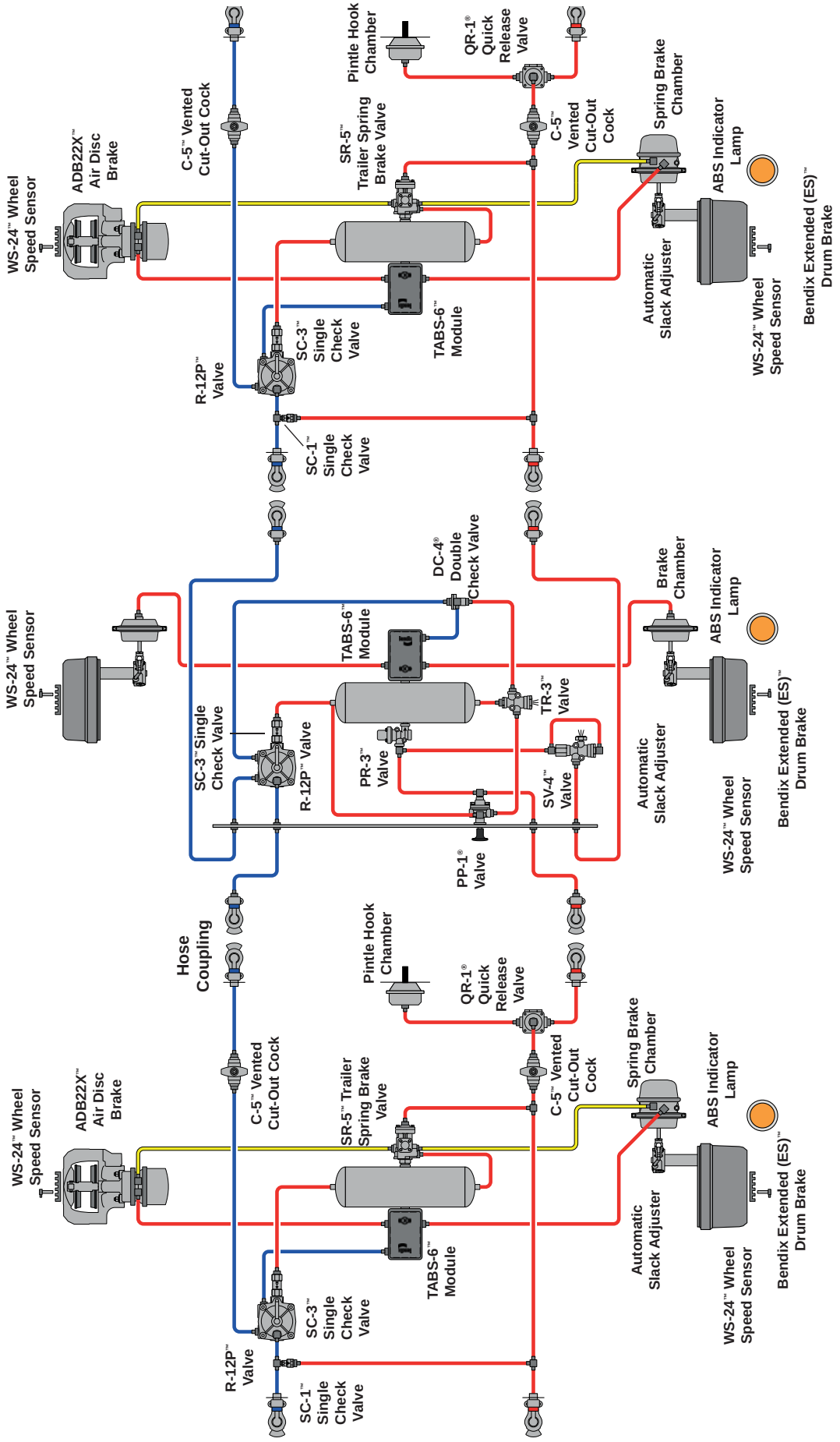


Notes:

The color coding of the brake system schematic follows APTA Recommended Practice.
Air disc & drum brake actuation combined on a single axle are shown for pictorial purposes only.

COACH:					
Primary & Supply	Articulated Circuit	Secondary	Parking	Compressor Governor	Accessories

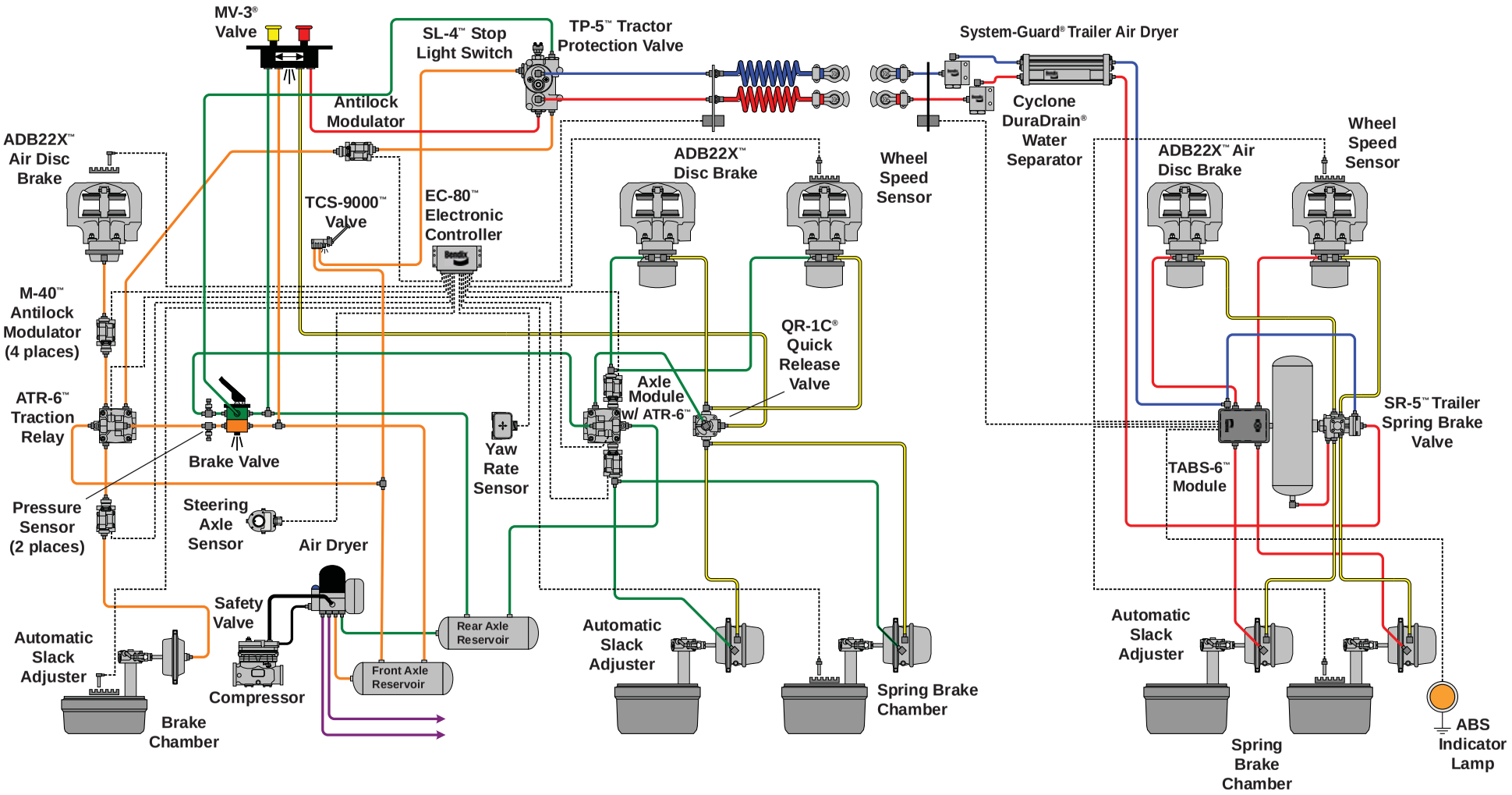
Typical Double Train



Air disc & drum brakes combined on a single axle are shown for pictoral purposes only.

Typical Tractor System

Typical Trailer System



_ _ _ _ Indicates electrical connection

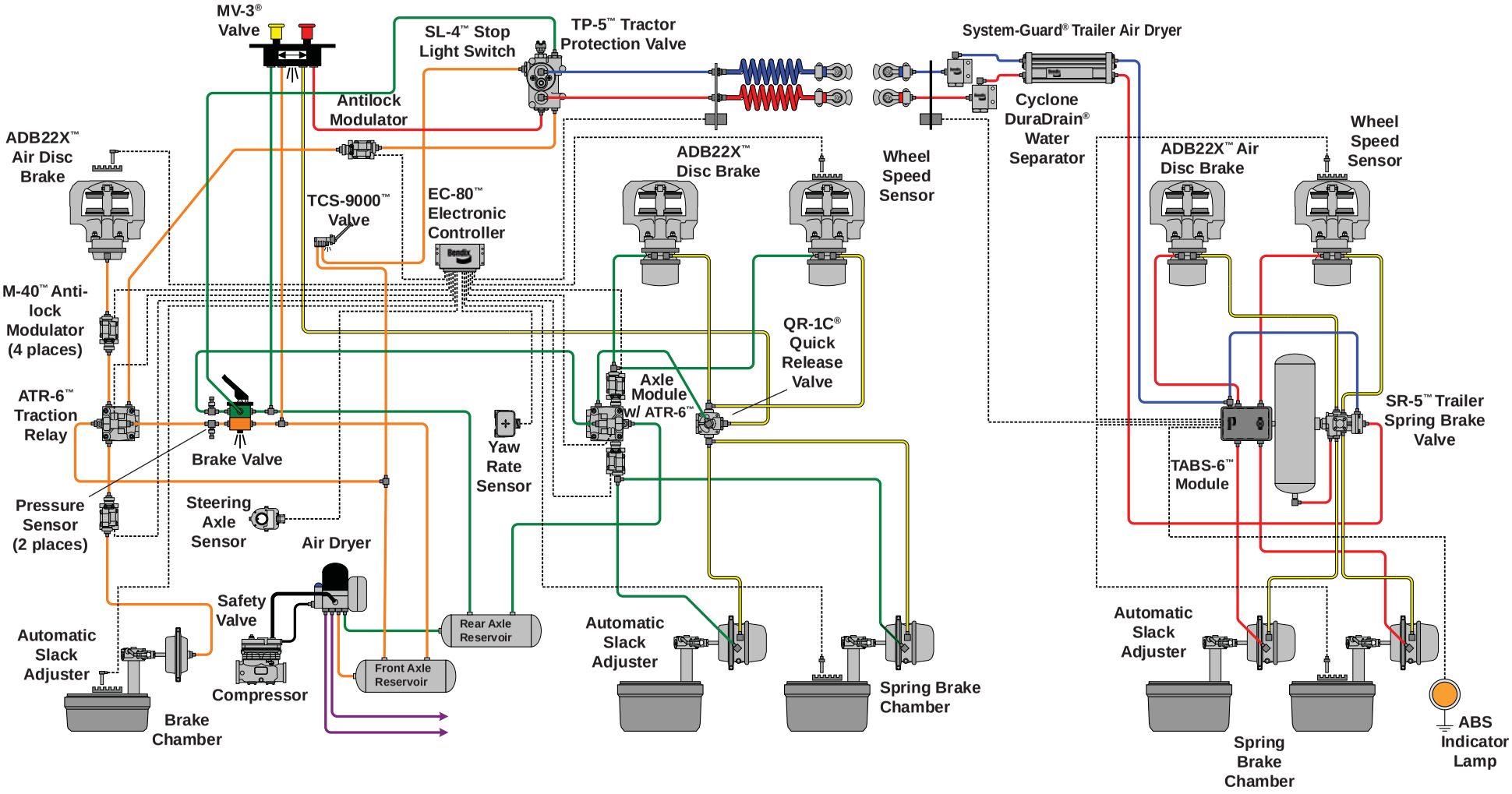
Air disc & drum brakes combined on a single axle are shown for pictoral purposes only.

TRUCKS AND TRUCK TRACTORS:					
Charging	Primary	Secondary	Park (Supply)	Parking (Control)	Accessories

TRAILERS:		
Trailer (Supply)	Trailer (Control)	Trailer (Park)

Typical Tractor System

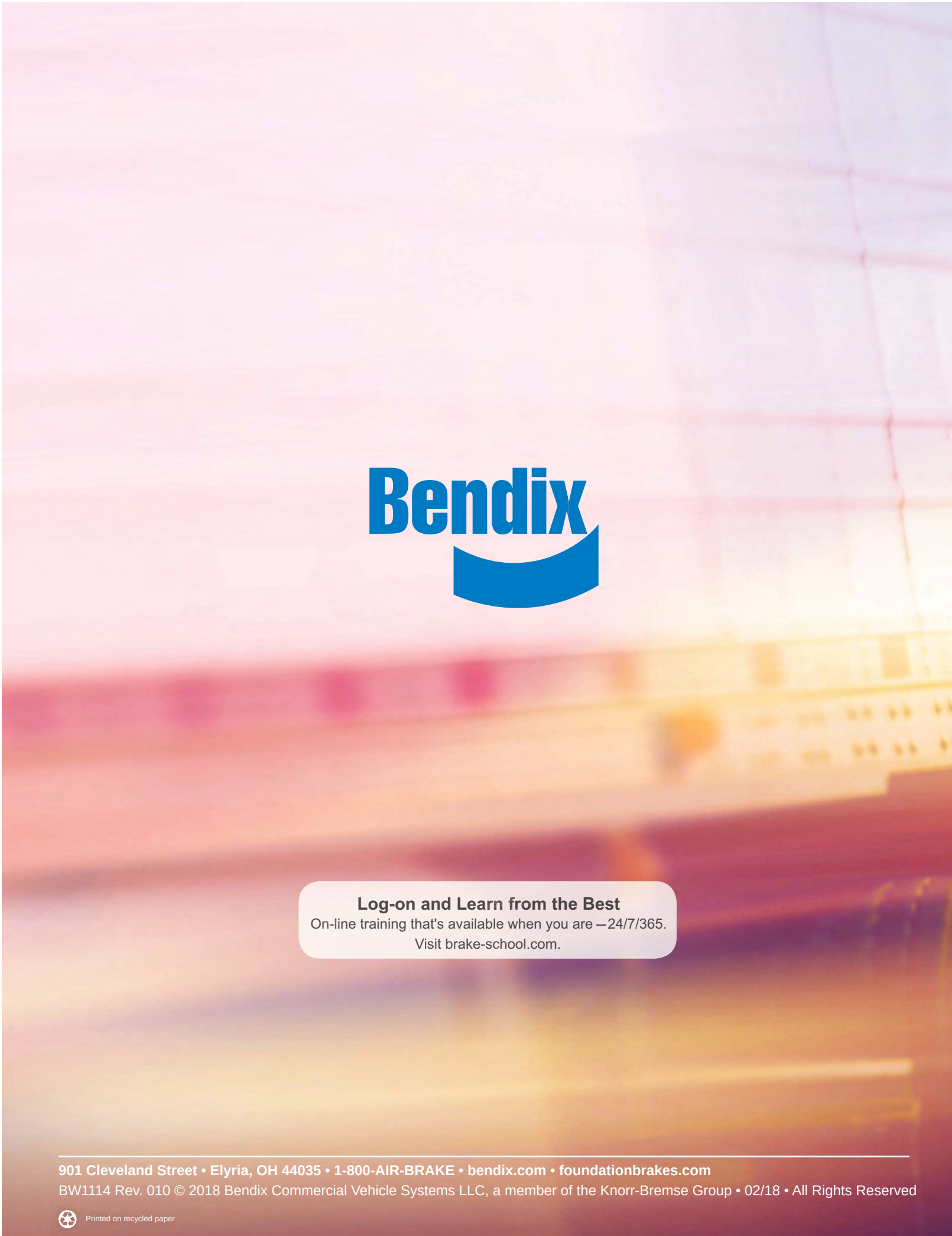
Typical Trailer System



Air disc & drum brakes combined on a single axle are shown for pictoral purposes only.

TRUCKS AND TRUCK TRACTORS:					
Charging	Primary	Secondary	Park (Supply)	Parking (Control)	Accessories

TRAILERS:		
Trailer (Supply)	Trailer (Control)	Trailer (Park)



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