



Quick Reference Catalog

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



The unexpected is straight ahead.

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 unequalled 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 safertrucks.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

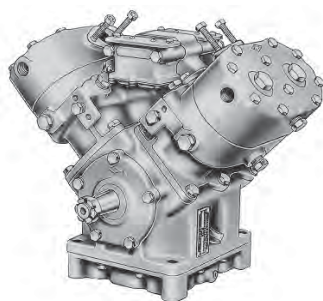
 [SD-01-344](#)



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

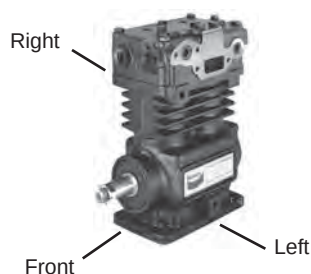
31.6 CFM AT 1250 RPM

 [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

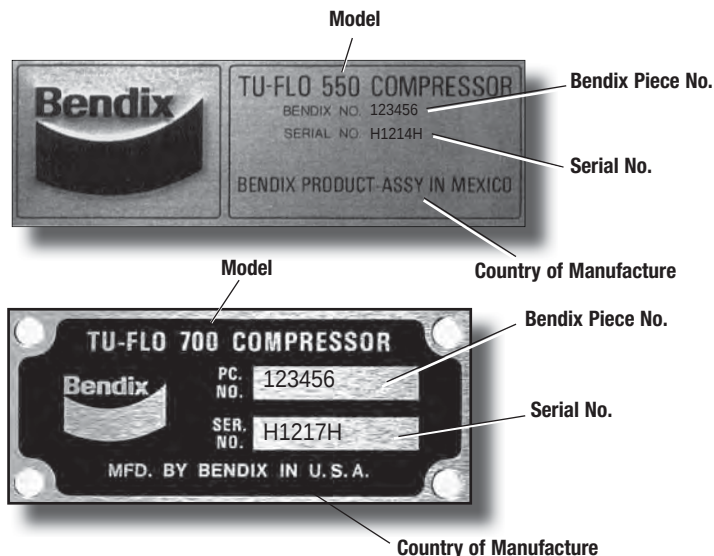
Unless indicated, inlet & discharge locations are as shown.



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



TECH+TEAM

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

BA-921
Air Compressor
(Core Class 2K)

5010806X

Rear Flange Rotation - 0°

*Note: Flange gasket must be
purchased from Caterpillar.*



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)

CAT®
Core Group 1P

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



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



Cummins® ISB & C
Core Group 1E

37 tooth gear

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)



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

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



DDC®
Core Group 1D

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)*

Bendix® BA-922® air compressor
upgrade available.



DDC
Core Group 1C

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)

Bendix® BA-922® air compressor upgrade available.



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.

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	229415N	229416	229417N	287043N
			109356 (CAT)				
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

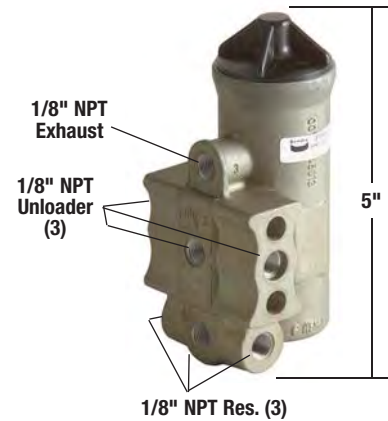
See pages 4 and 6 for additional Bendix® BA-921® and BA-922® compressor kits.

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.

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

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

 [SD-01-503](#)



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

Governor Maintenance Kit Contents 276121N and 280915

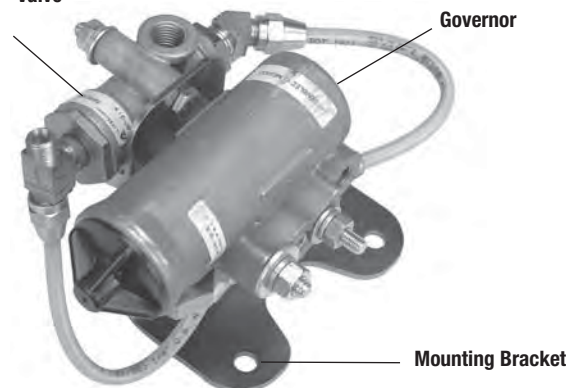


Bendix® D-2®/SV-1™ Module

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

**Bendix®
SV-1™ Valve**

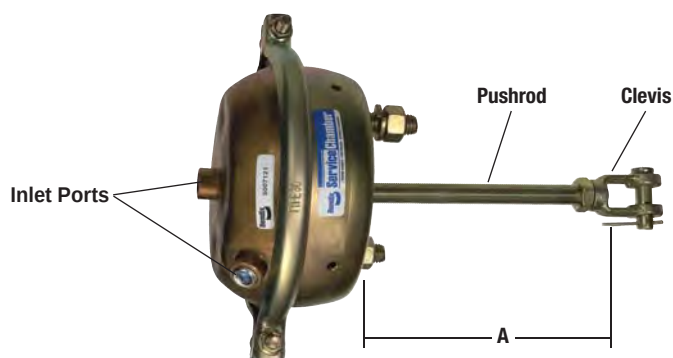


Brake Chambers

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	
T24	2.50"	802986	7.80"	800825	3/8"-18 NPTF	5/8"-18 UNF	802489	800909	800919
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		

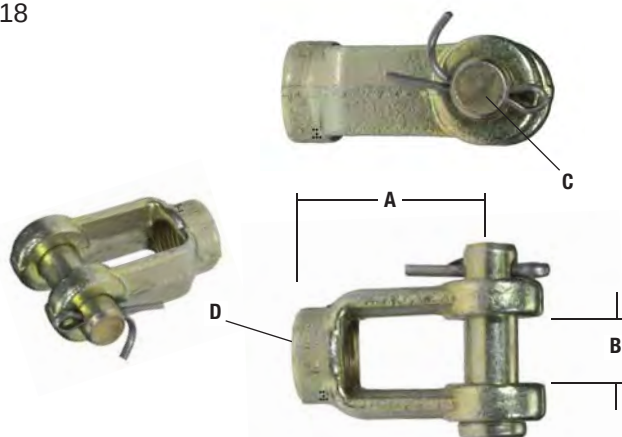


Diaphragm

Clevis / Yoke Assemblies

For Brake Chambers
& Rotochambers

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

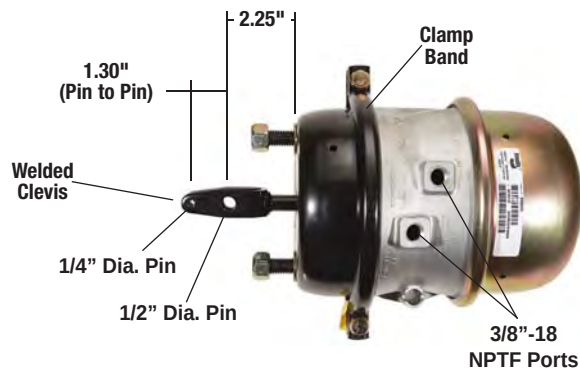
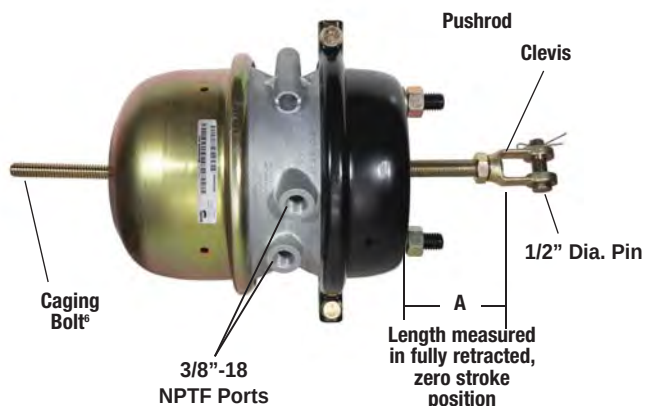


Yoke Assembly Pc. No.	A End to Pin	B Slot Width	C Pin Dia.	D Thread Size
205948N	1-3/4"	9/16"	1/2"	1/2-20
228790N	1-3/4"	9/16"	1/2"	5/8-18
228798N	1-3/4"	9/16"	5/8"	5/8-18
229496N	2"	13/16"	3/4"	5/8-18
282592N	2"	13/16"	3/4"	3/4-16

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.

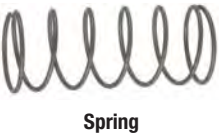
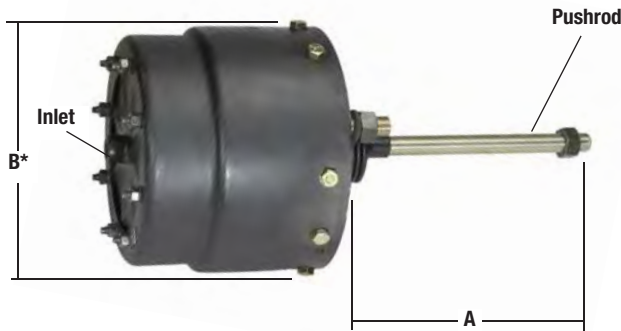
Model & Type	Stroke	A Pushrod Length ¹	Spring Brake Service New Pc. No.		Piggyback Kit ³	Piggyback	Rubber Service Dia-phragm ⁴	Clamp Band	Dust Plug ⁵	Service Return Spring
			w/o Clevis	w/Clevis ²						
EverSure® 20/24	2.50"	5.62"	NT2024LS-56	—	NT2024LS-KIT	NT2024LS-PIG	K025490	800908	K034202	K088770
		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



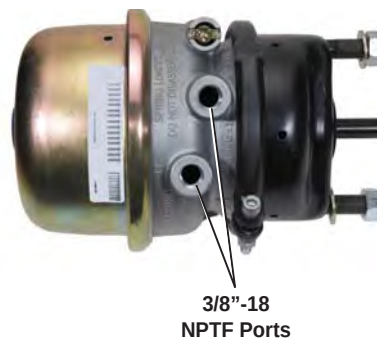
Diaphragm

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	K090236	
T18/24	2.50" (63 mm)	K025670	K052486		
T20/24	2.50" (63 mm)	K025669	K052486	K090237	
T22/24	2.50" (63 mm)	K026737	K052488		
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

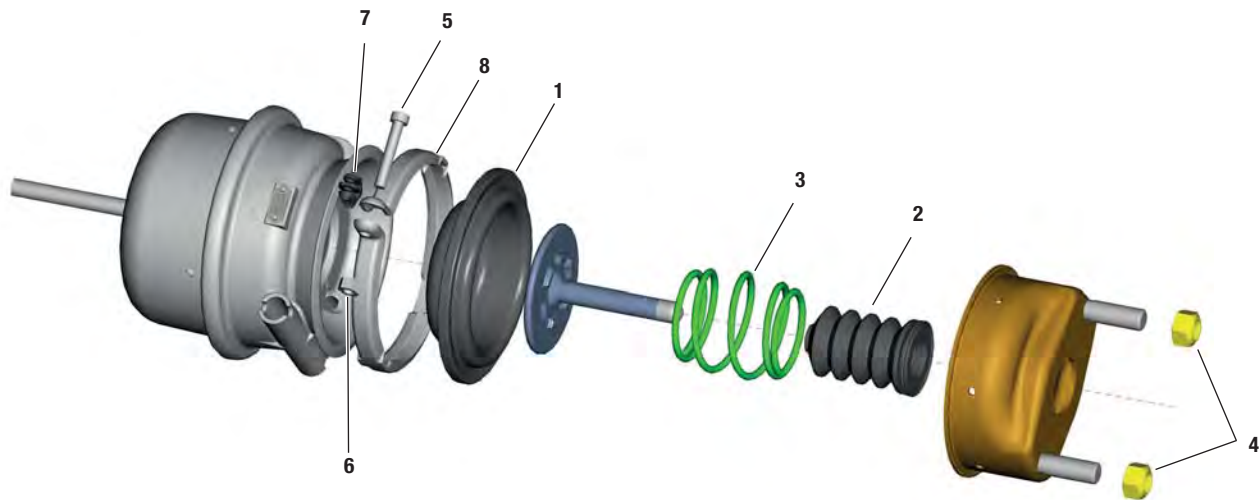
V.M.R.S. 13-010-034



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)

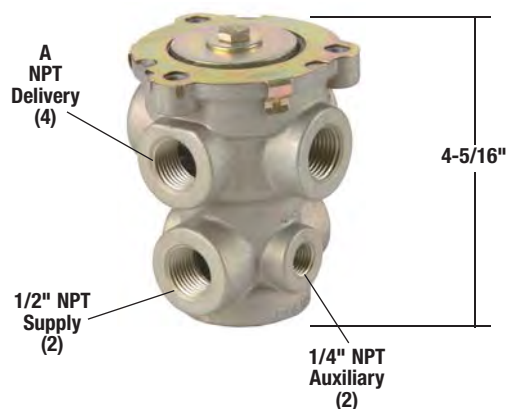
- Available Remanufactured Exchange
- Maintenance Kits
 - Pc. No. 276119N Minor Repair
 - Pc. No. 289324N Major Repair

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"



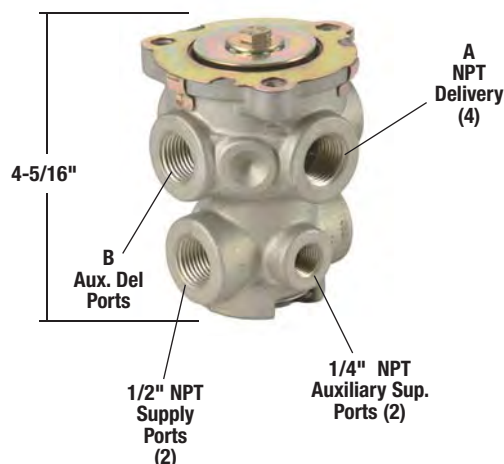
Bendix® E-3™ Brake Valve (Basic)

- 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 Auxiliary Ports
277863RX	277863N	1/2"	NONE
278998RX	278998	1/2"	2-1/4"

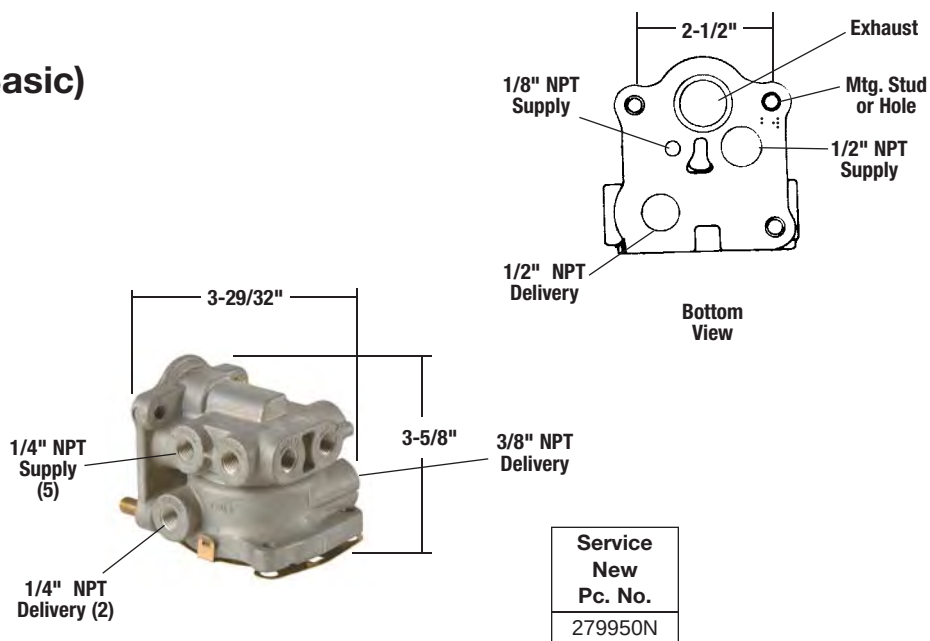
Bendix® E-5™ Brake Valve (Basic)

- 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](#)



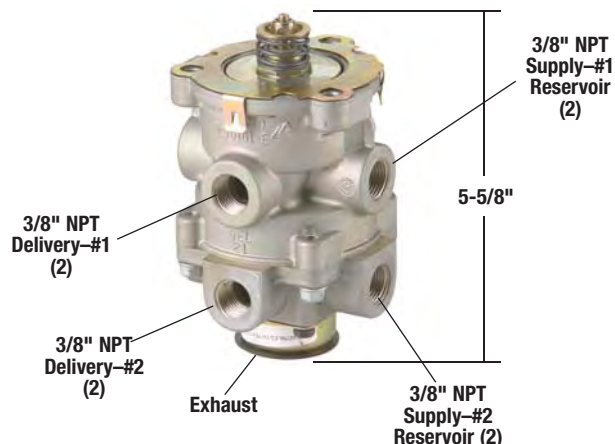
Bendix® E-6® Dual Brake Valve (Basic)

- 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

Bendix®
E-10P™
Basic Brake
Valve

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

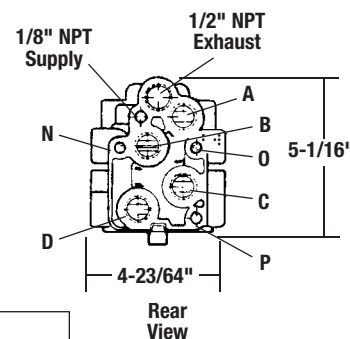
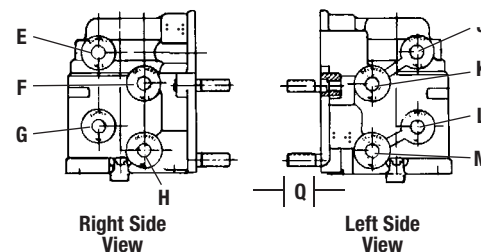
Service New Bendix® E-10P™ Brake Valve	Replaces Bendix® E-15R™ Brake Valve
800632	800319

*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)

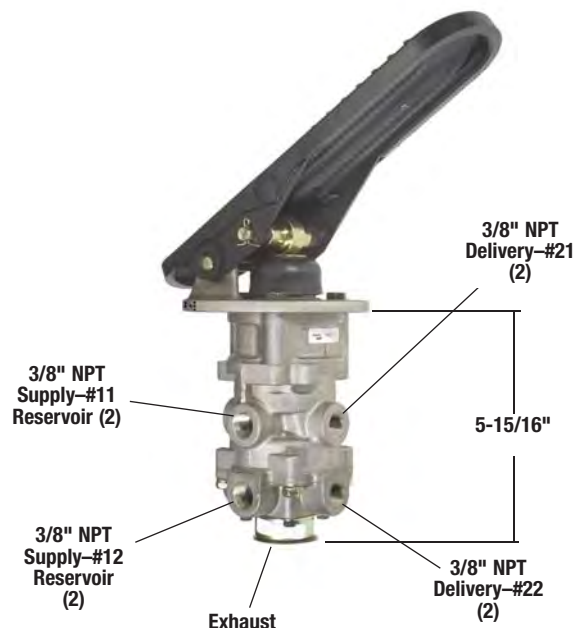
- Maintenance Kit
 - Pc. No. 102100

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

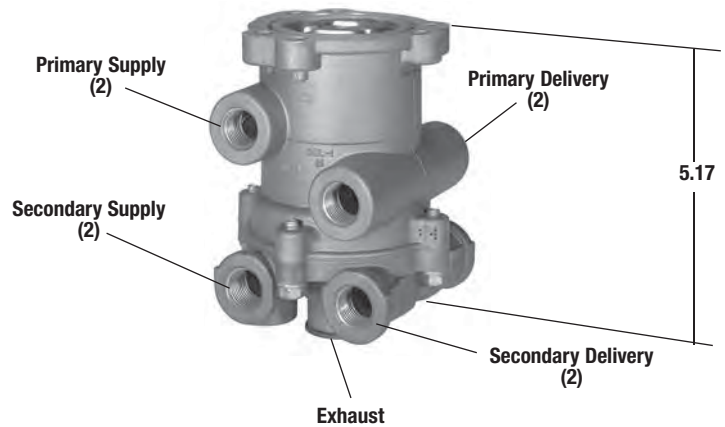


Bendix® E-12™ & E-15™ Dual Brake Valves

- Maintenance Kit Pc. No. 108367 Minor Repair

V.M.R.S. 13-010-051

[SD-03-826](#)

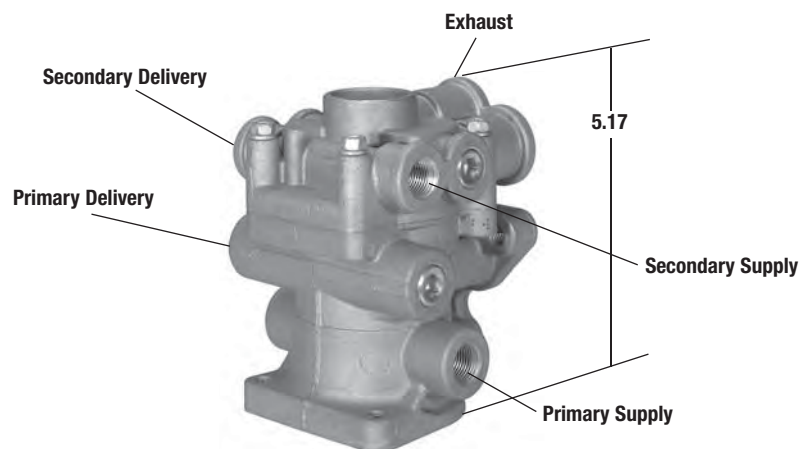


Bendix® E-14™ Dual Brake Valve (Basic)

- 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



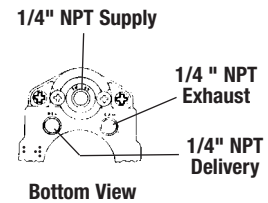
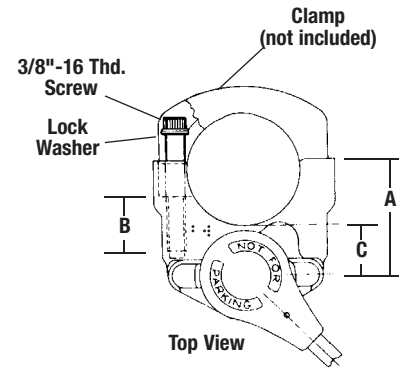
Bendix® TC-2™ Brake Valve (Basic)

- 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"

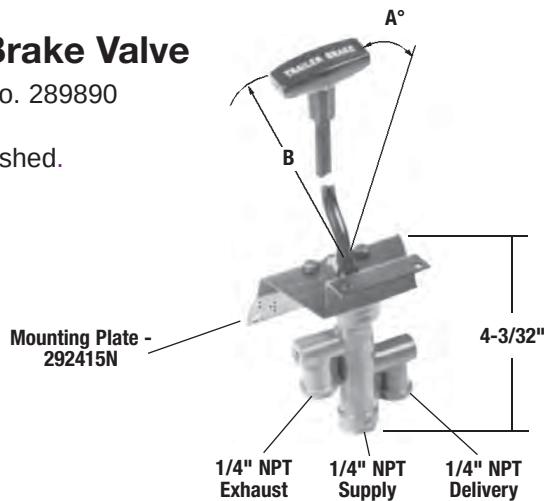
Bendix® TC-6™ Brake Valve

- 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

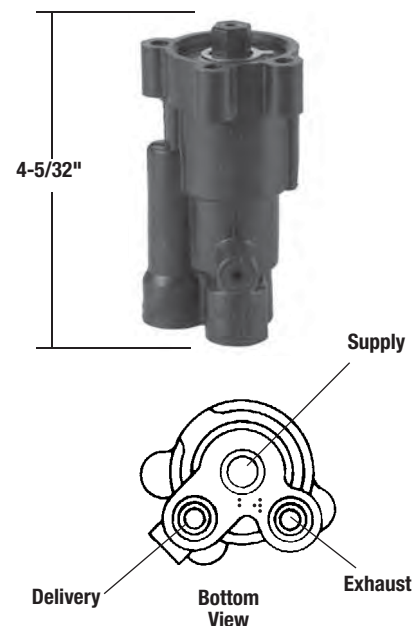
- Maintenance Kit Pc. No. 102145

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

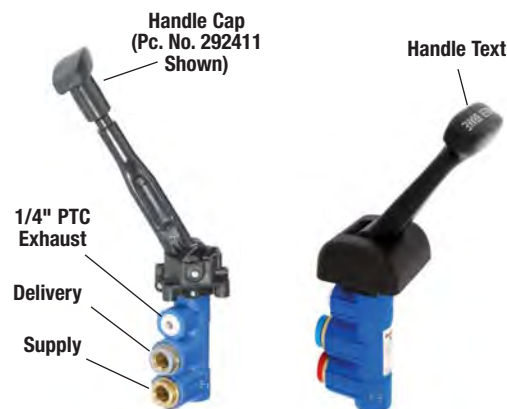


*PTC - Push-To-Connect Fittings

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

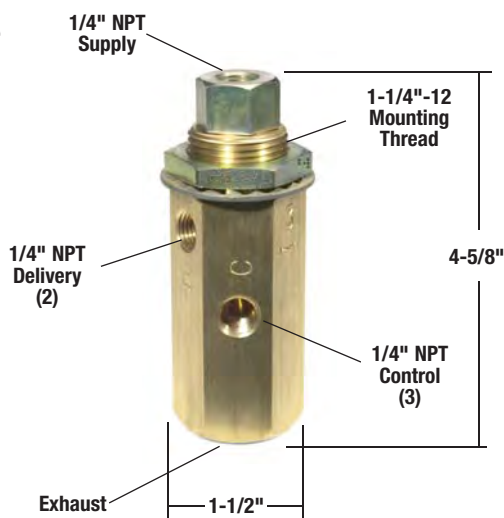
Bendix® TR-2™ Inversion Valve

- 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

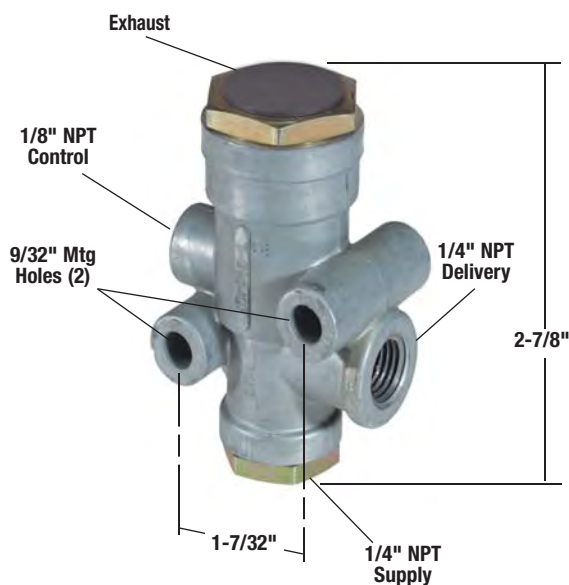
V.M.R.S. 13-010-047

[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



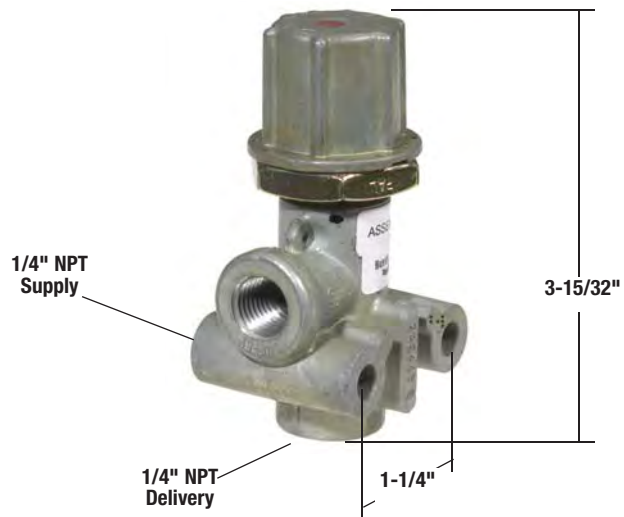
Bendix® PR-2™ Pressure Protection Valve

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

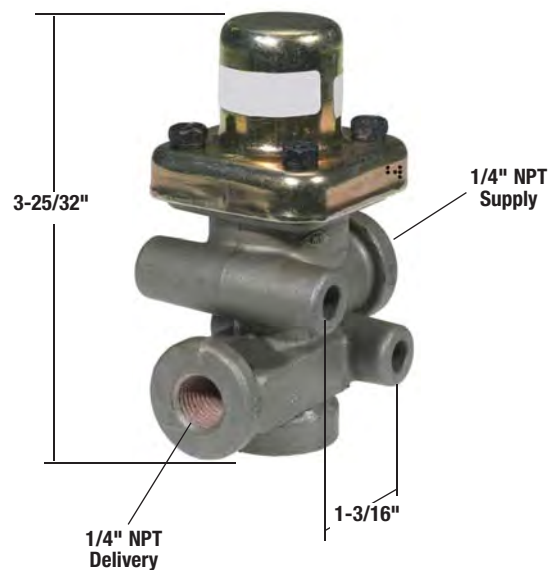
• Maintenance Kit Pc. No.

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

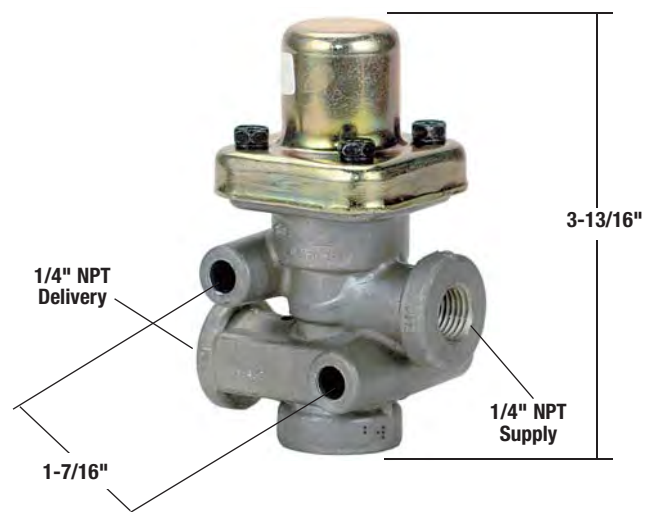
(Note: Not for use with Pc. No. 103976N)

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

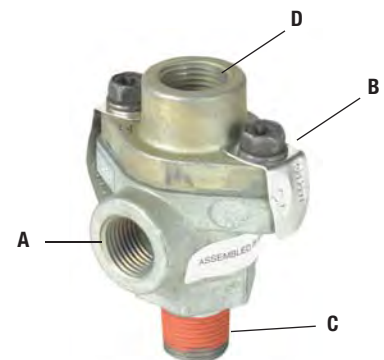
Bendix® Double Check Valves

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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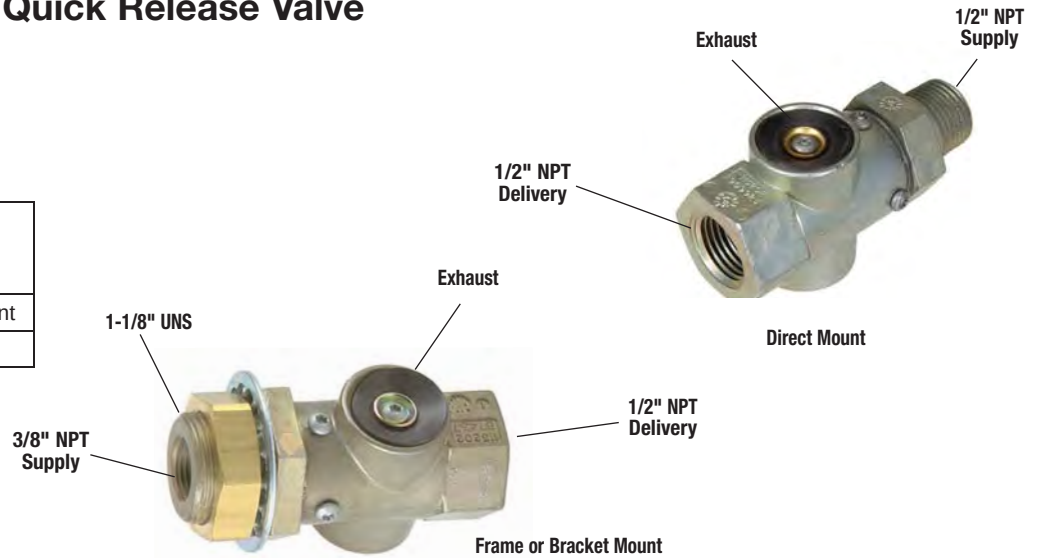
or visit us online at bendix.com.

Bendix® QR-L™ Inline Quick Release Valve

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

[SD-03-906](#)

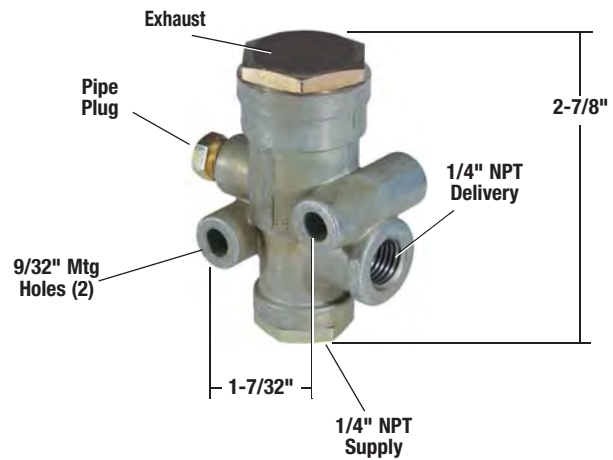
Service New Pc. No.	Comments
800332	Frame or Bracket Mount
800333	Direct Mount



Bendix® RV-3™ Pressure Reducing Valve

[SD-03-3515](#)

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



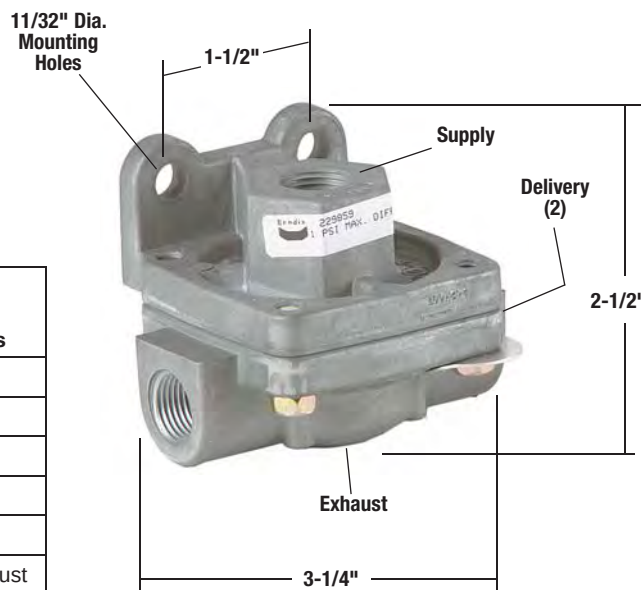
Bendix® QR-1® Quick Release Valve

- 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

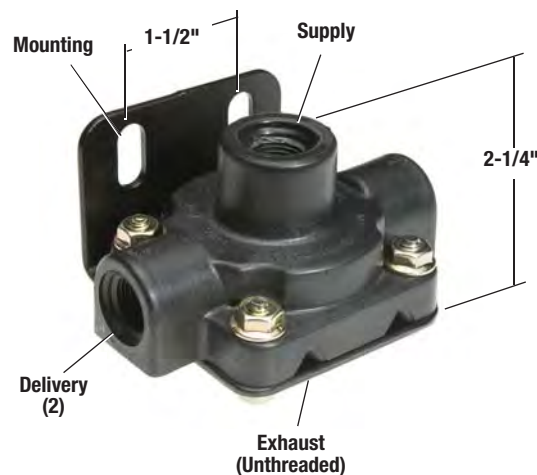
- Maintenance Kit 104463

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

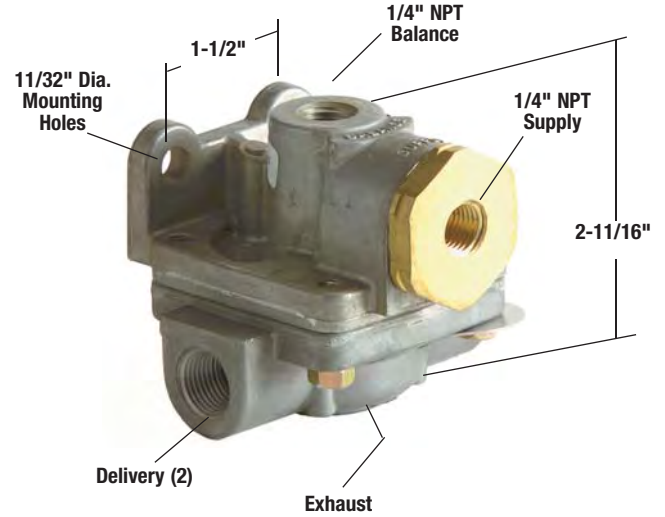
Bendix® QR-1C® Quick Release Valve

- 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



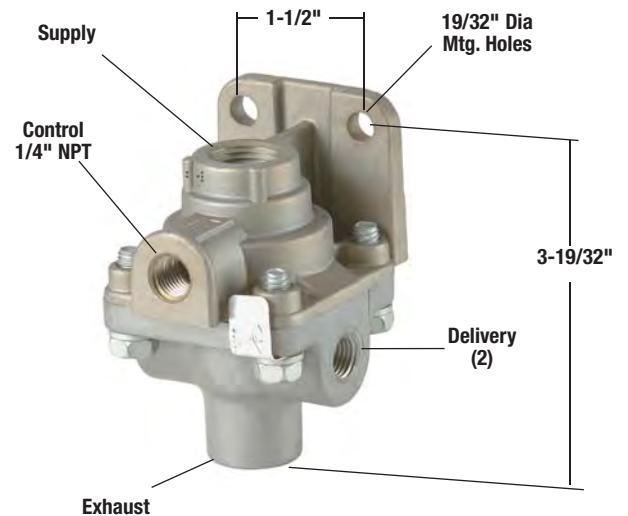
Bendix® LQ-2™ Limiting and Quick Release Valve

- 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"



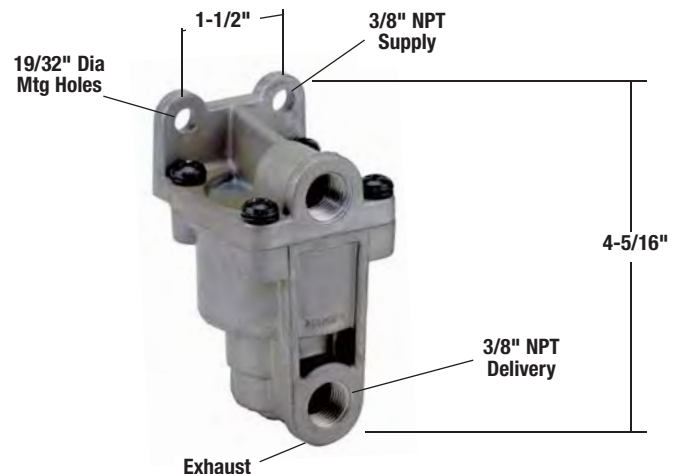
Bendix® LQ-4™ Front Axle Ratio Valve

- 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



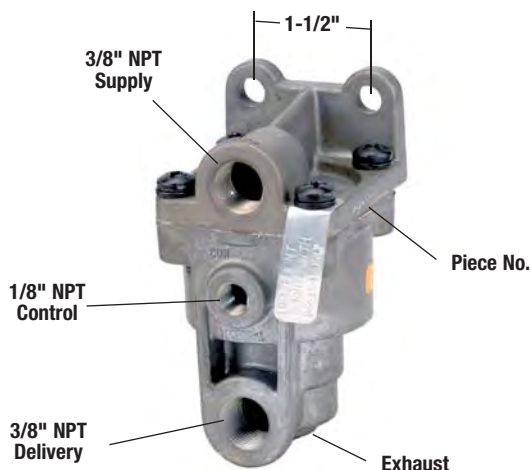
Bendix® LQ-5™ Bobtail Limiting Valve

- 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](#)

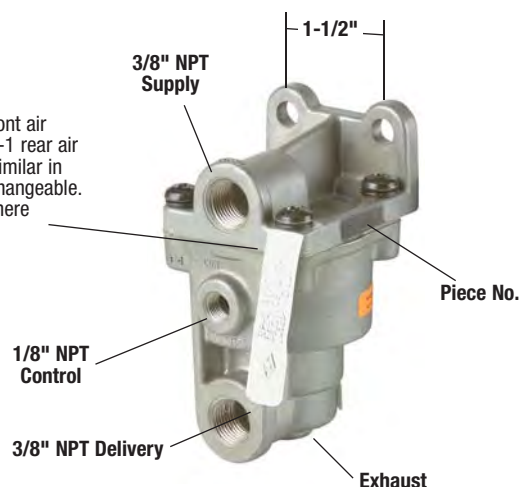
V.M.R.S. 13-010-222

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)

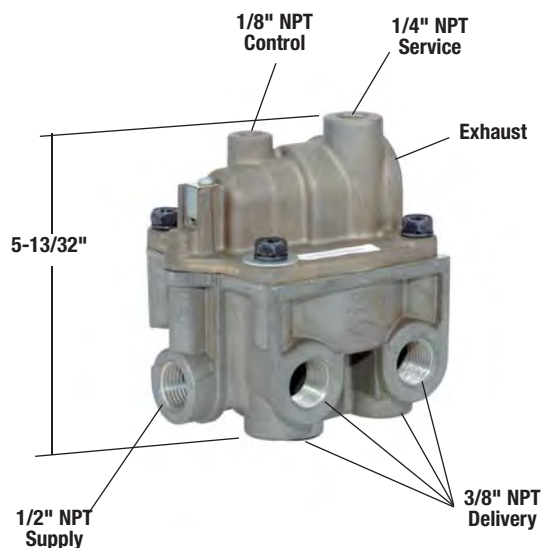
BP-R1® Bobtail Brake Proportioning Relay Valve

- 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

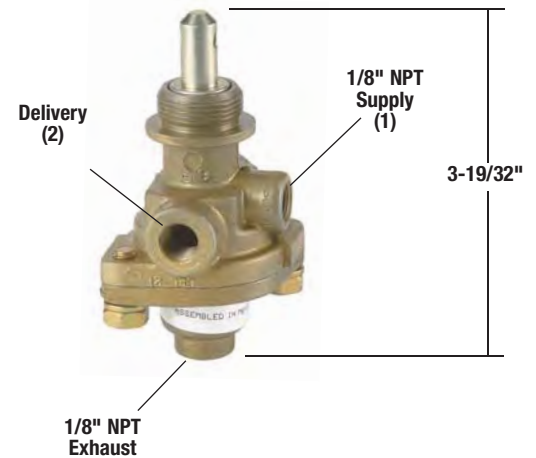
- Available Remanufactured Exchange
- Maintenance Kit 281126N
- Button and Mounting Nut not furnished with Exchange Valve - common Pc. No. 239357
- Typical Button (Yellow) and Pin Kit Pc. No. 102087N
- Typical Mounting Nut Pc. No. 239357N

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



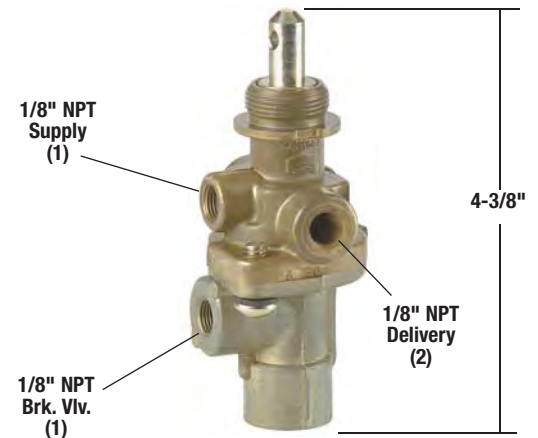
Bendix® PP-2™ Control Valve (Pressure Balanced)

- 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

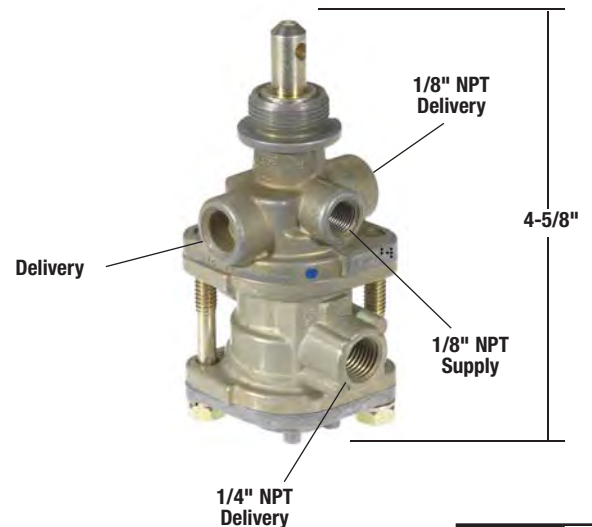
[SD-03-3613](#)

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



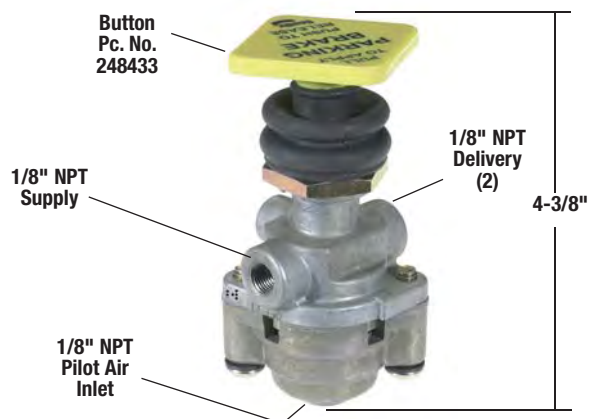
Bendix® PP-5™ Control Valve (With Pilot Air Release)

- 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

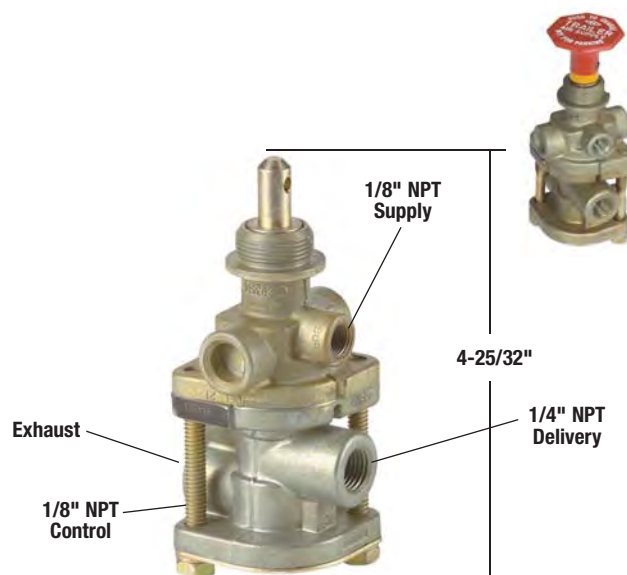
- Available Remanufactured Exchange
- Maintenance Kit 287367
- Button and Mounting Nut not furnished with Exchange Valve
- Typical Button (Red) Pc. No. 291624N
- Typical Mounting Nut Pc. No. 239357N

V.M.R.S. 13-010-016

[SD-03-3617](#)

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

Automatic Release Pressure 40 psi



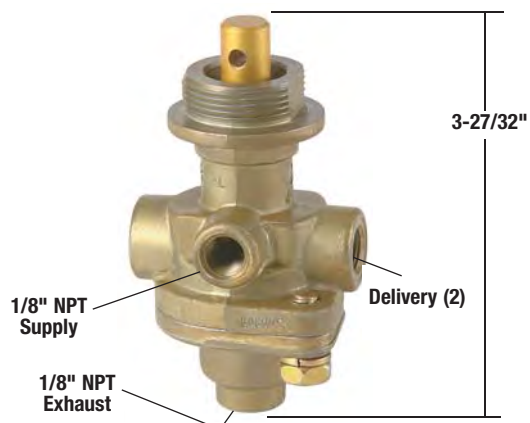
Bendix® PP-8™ Control Valve

- 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"



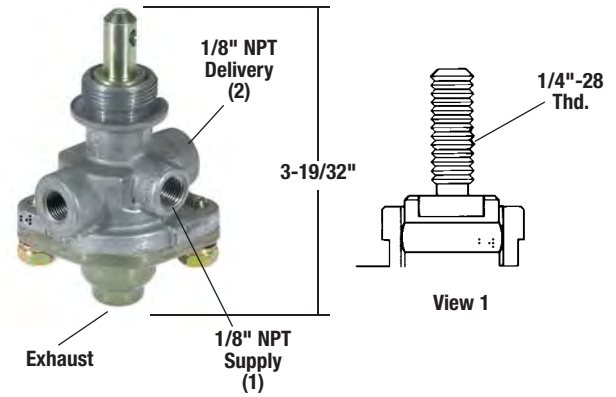
Bendix® RD-3™ Push Type Control Valve

- 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



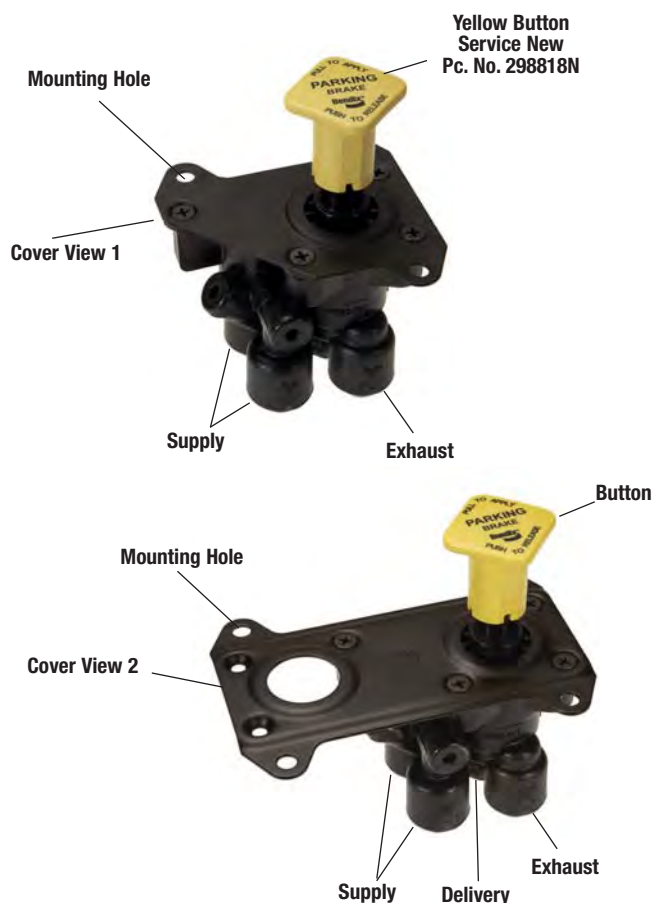
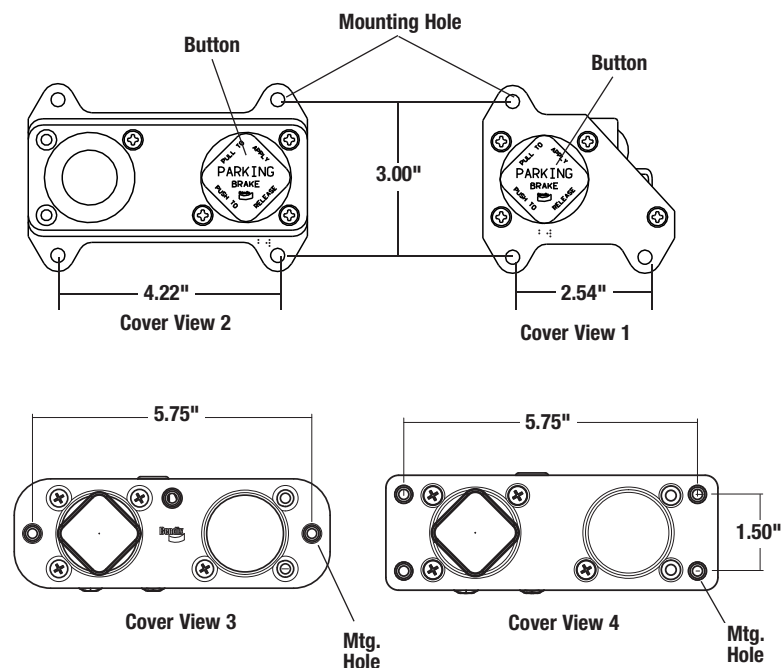
Button not included

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.

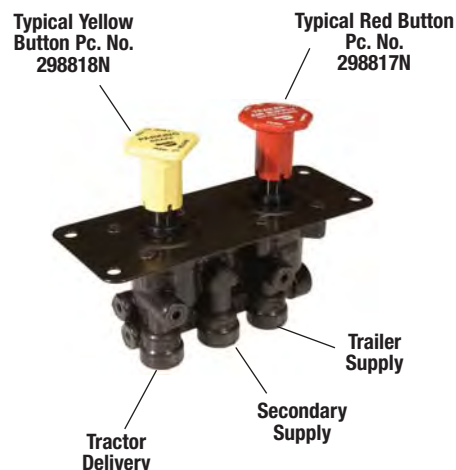


Bendix® MV-3® Control Module

- Maintenance Kit 5002741
- Shuttle Kit 5002742

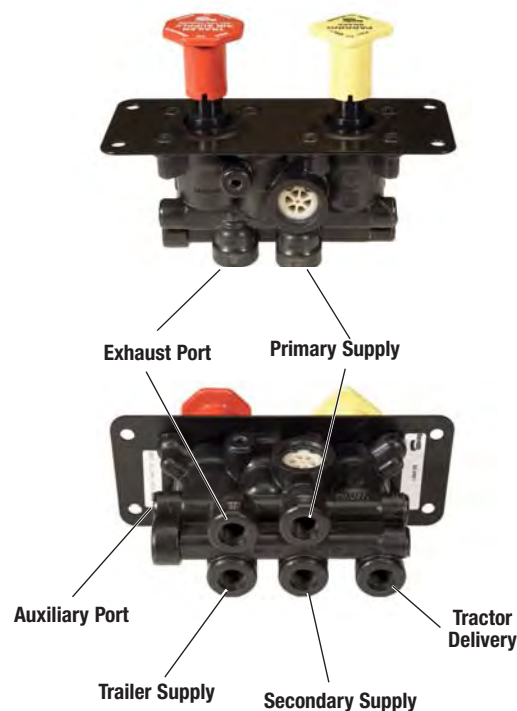
V.M.R.S. 13-010-112

[SD-03-3415](#)



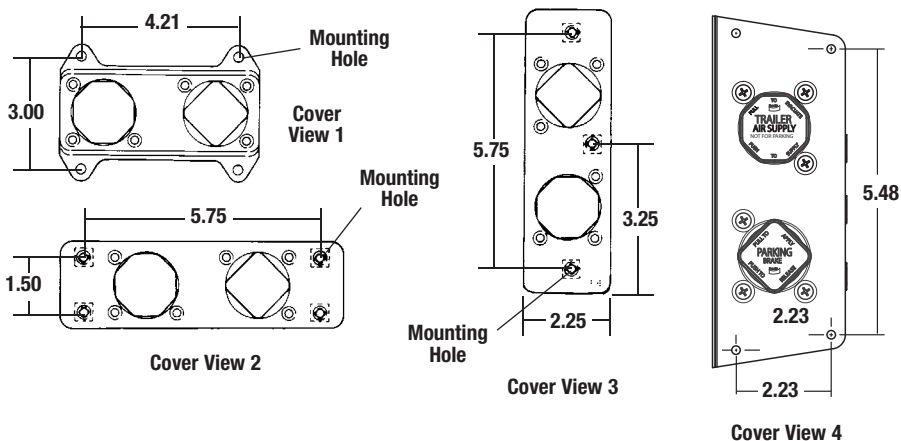
Service New Pc. No.	Replaces	Cover View	Mounting Hole	Auxiliary Port	Port Type*
800257	065523	1	.28" Dia.	—	3/8" PTC
800259	800036	1	1/4-20 Thread	—	3/8" PTC
800260	—	1	M5 x .8-6H Thread	—	3/8" PTC
800445	—	2	.27" Dia.	—	1/4" NPT
800516	065157	1	.28" Dia.	—	1/4" NPT
	065697				
800517	065159	1	#10-24 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



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.



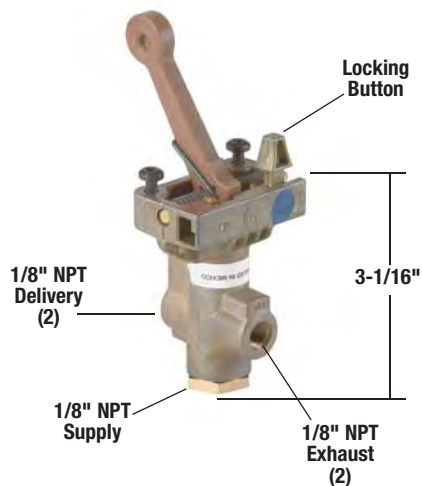
Bendix® TC-4™ Modulating Control Valve (With Lever Latch)

- 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



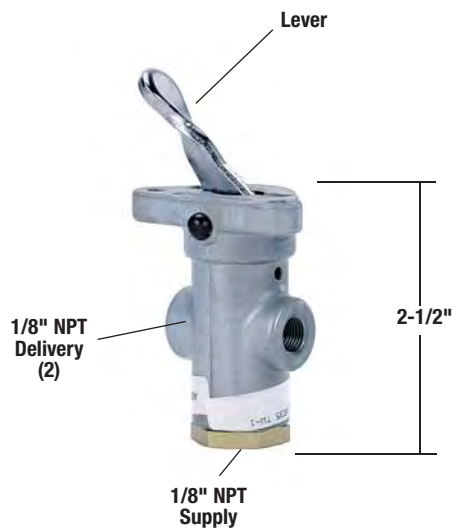
Bendix® TW-1™ Control Valve

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

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

[SD-03-3602](#)

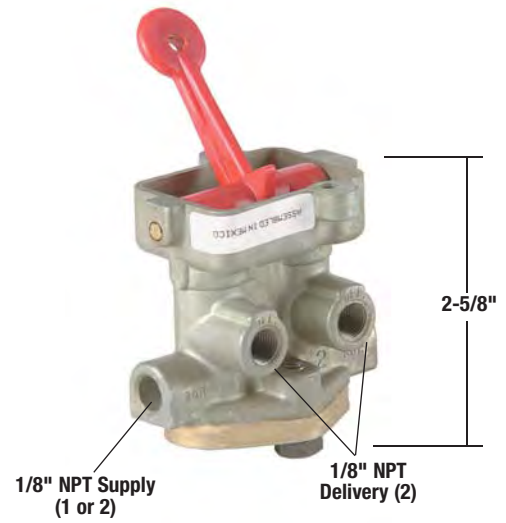
Reman. Exch. Pc. No.	Service New Pc. No.	Lever Material and Finish
228729RX	228729N	Zinc-Chrome
229635RX	229635N	Steel-Chrome
277516RX	277516N	Nylon-Black



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



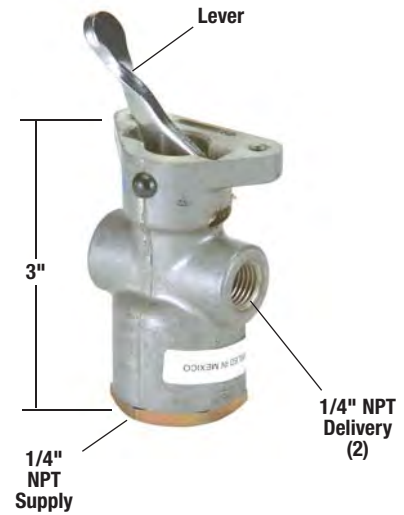
Bendix® TW-3™ Control Valve

- 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



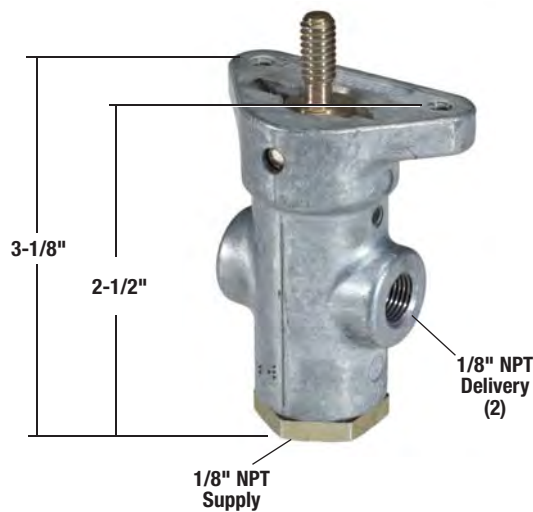
Bendix® TW-4™ Control Valve

- 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

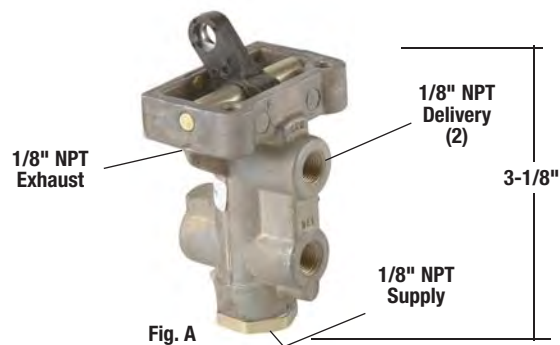
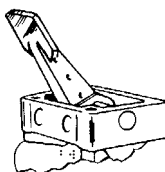


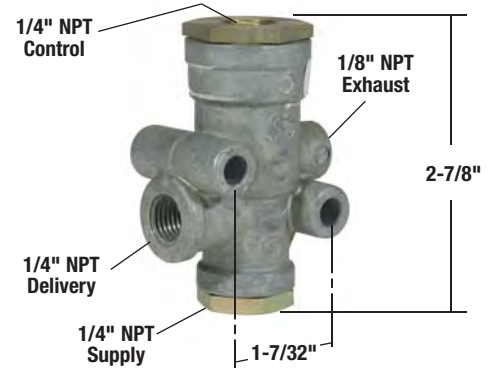
Fig. A

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

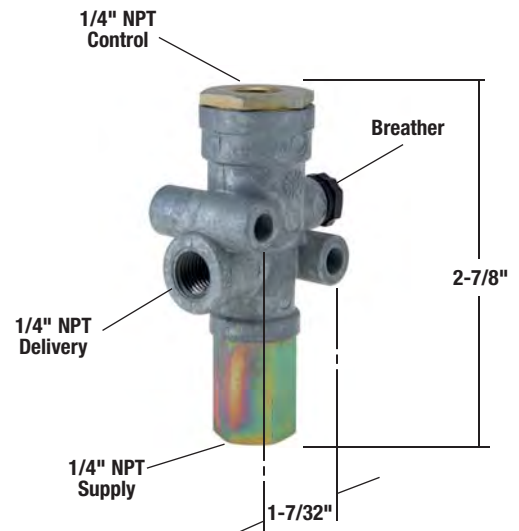
With Common Control & Supply Pressure, Inlet Opens at A and Exhaust Opens at B



Bendix® SV-4™ Trailer Release Valve

[SD-03-4020](#)

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



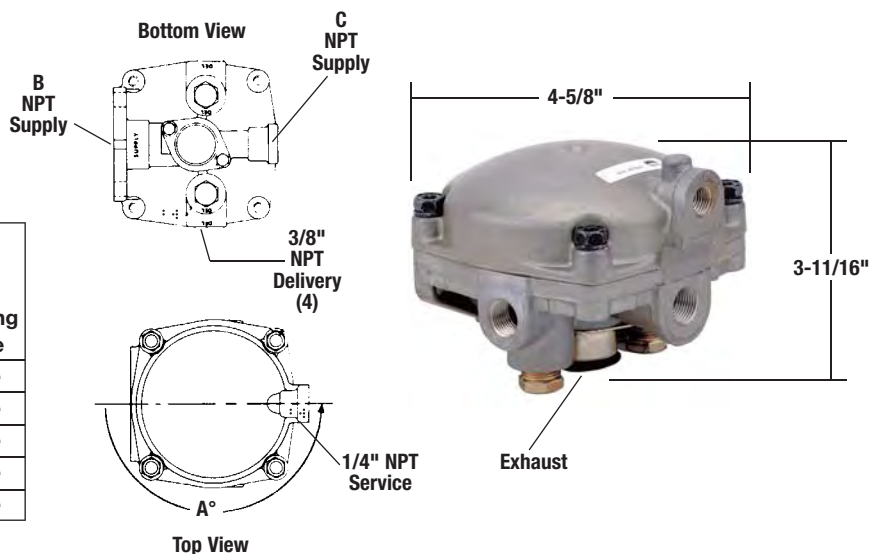
Bendix® R-6™ Relay Valve

- 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

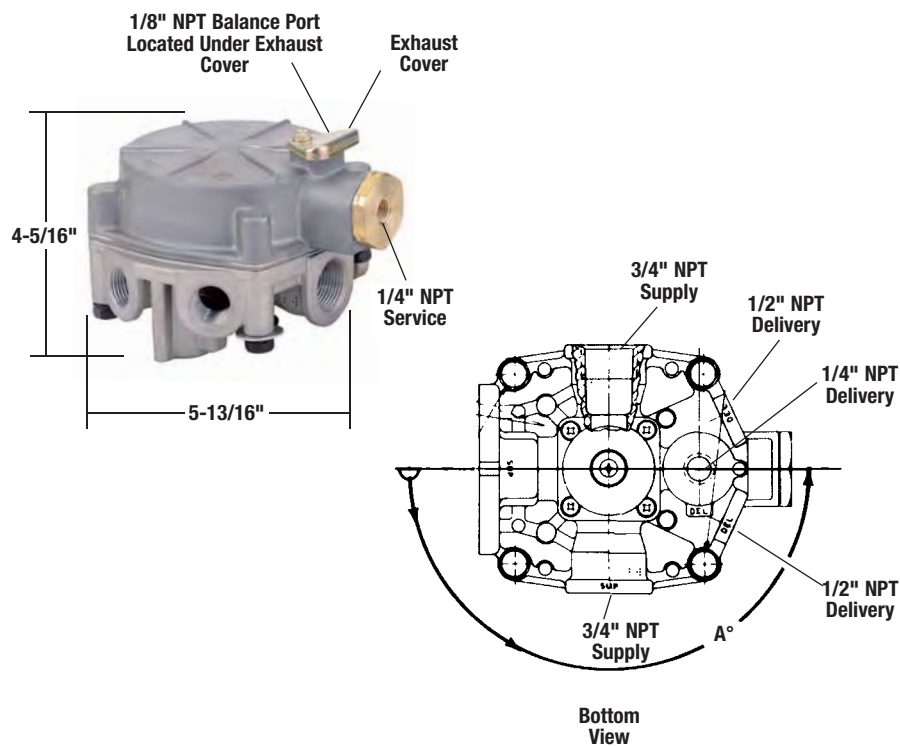
Bendix® R-8™ Relay Valve

- 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



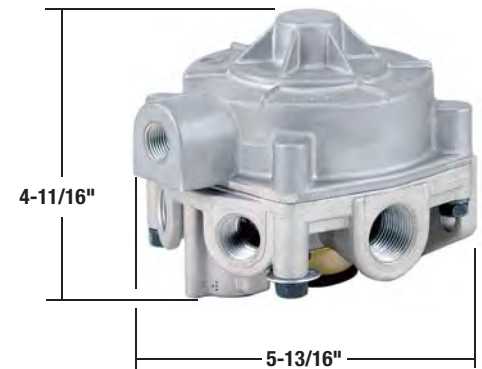
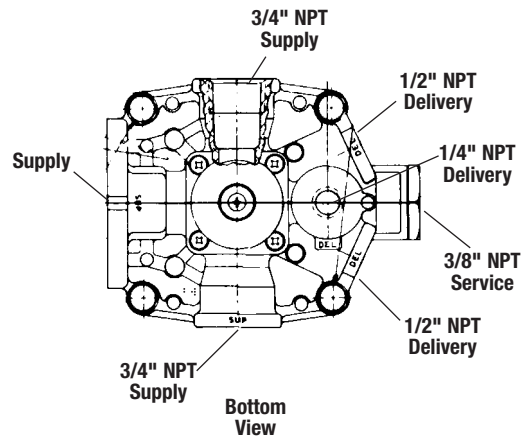
Bendix® R-8P™ Relay Valve

- 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	—



Not all reman brake shoes are created equal. In fact, testing shows Bendix® reman brake shoes help you stop more safely – five or more car lengths ahead of the competition. And with our exclusive coatings and high flexural strength friction, including RSD (Reduced Stopping Distance) options, Bendix brake shoes extend service life, virtually eliminating rust jacking and cracking. Bendix reman brake shoes. **Now you know better.**

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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](#)

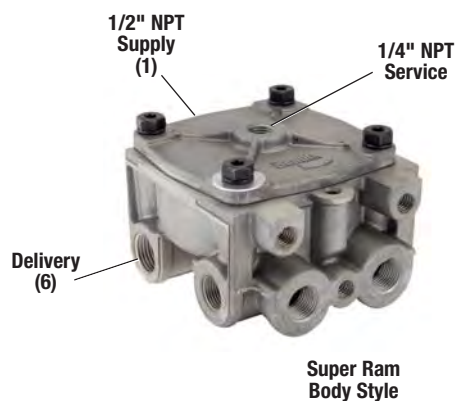
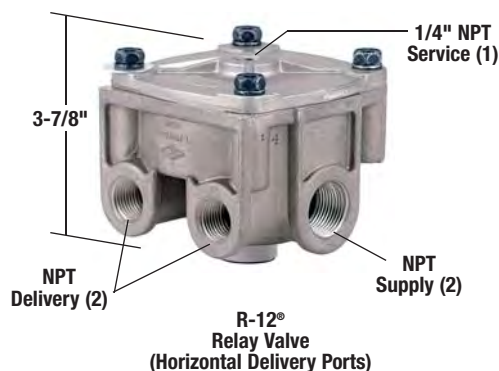
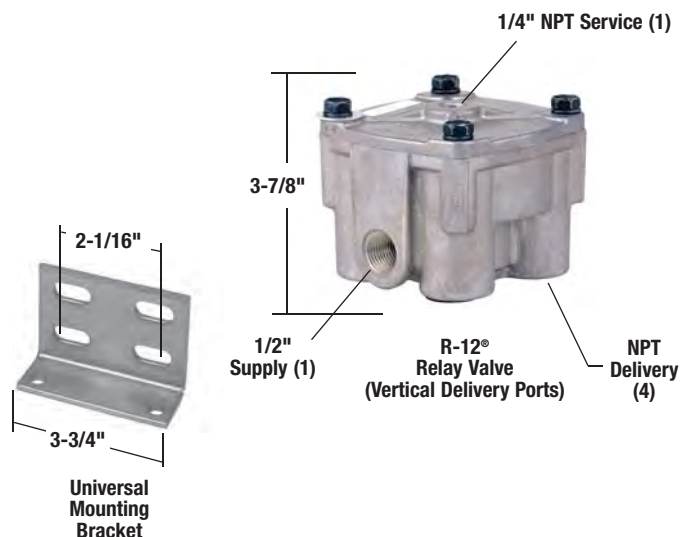
Vertical Delivery Ports

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

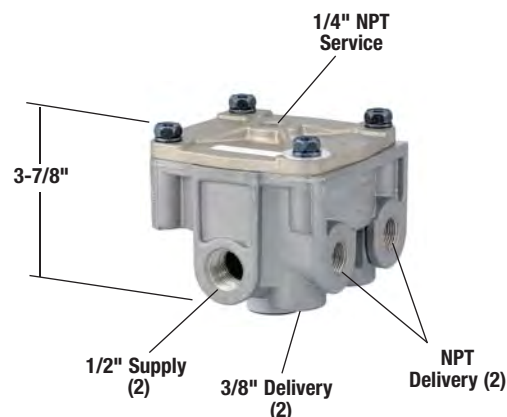


Bendix® R-12® Relay Valves (cont'd)

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

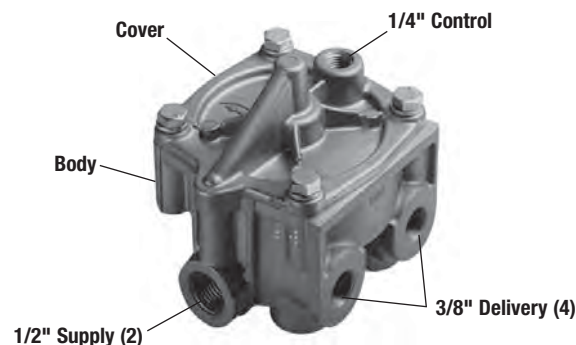


Bendix® R-12P™ Pilot Relay Valve

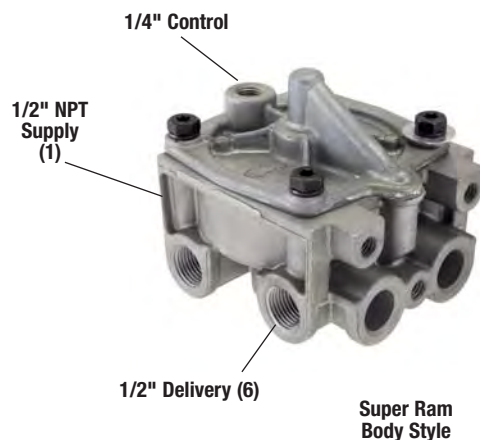
- Available Remanufactured Exchange
- Universal Mounting Bracket 296010 included
- Field Maintenance Kit 109265

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

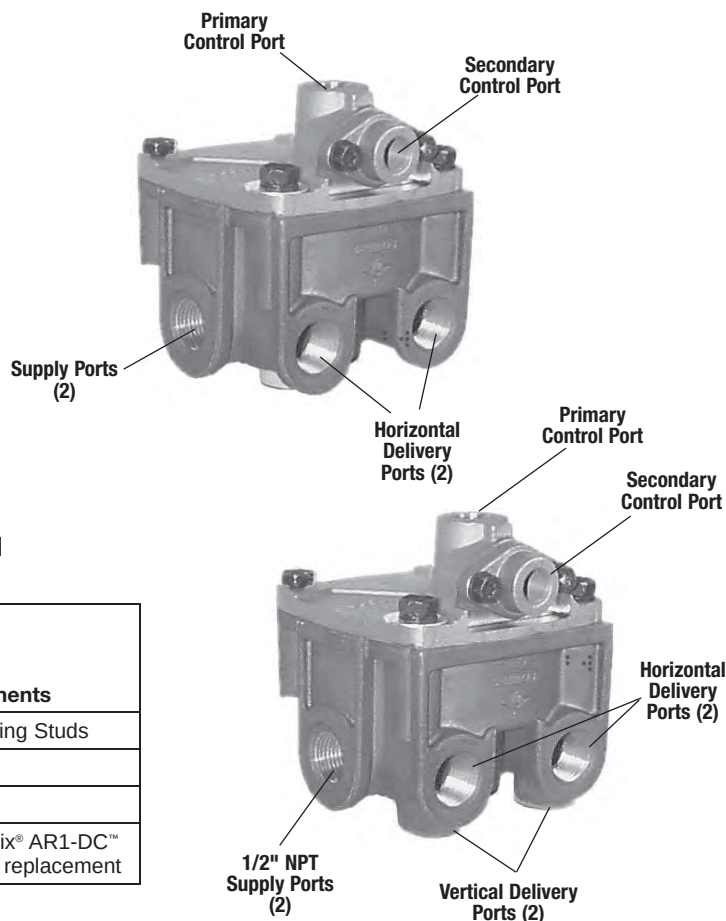


Bendix® R-12DC® Relay Valve with Biased Double Check

SD-03-1068

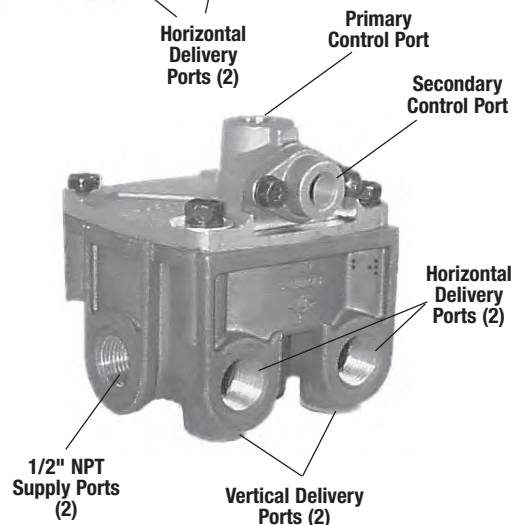
Bendix® R-12DC® Relay Valve with Two (2) Horizontal Delivery Ports

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



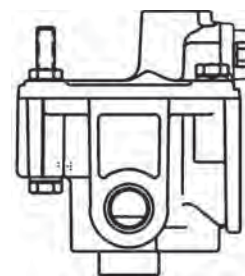
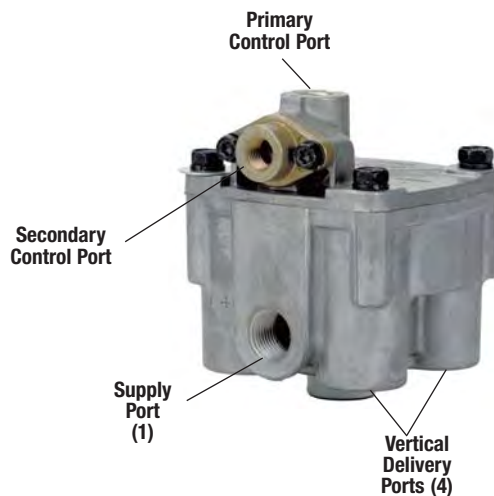
Bendix® R-12DC® Relay Valve with Two (2) Horizontal and Two (2) Vertical Delivery Ports

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



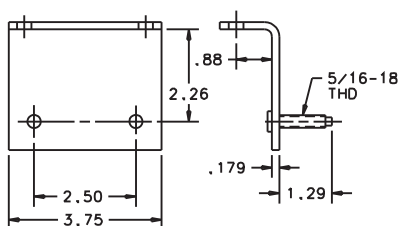
Bendix® R-12DC® Relay Valve with Four (4) Vertical Delivery Ports

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

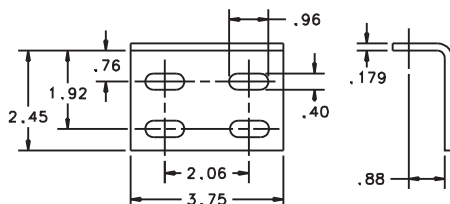


Pc. No. 800481

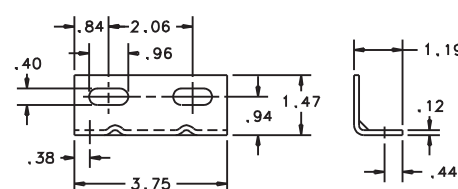
Mounting Bracket
Pc. No. 102846N



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

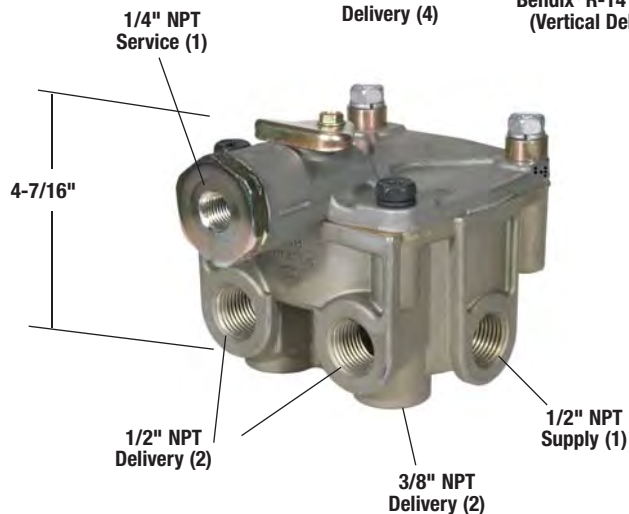
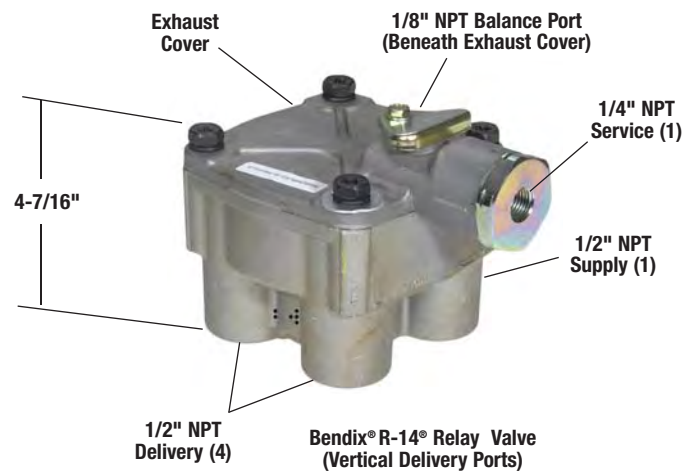
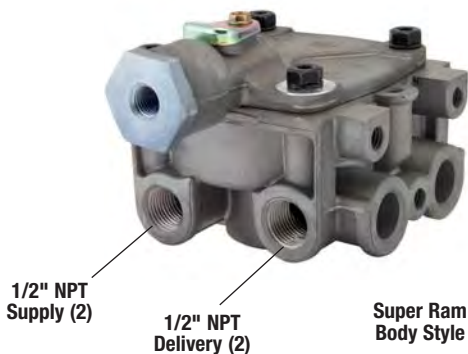
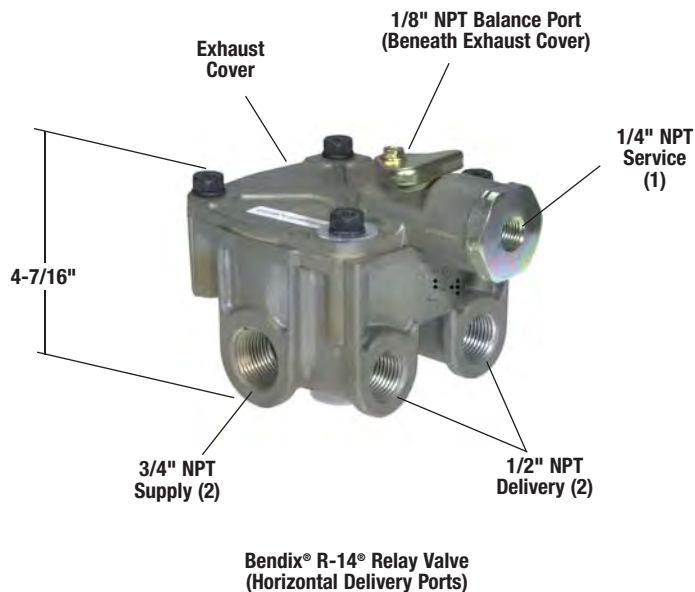
[SD-03-1064](#)

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 & Vertical Delivery Ports)

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

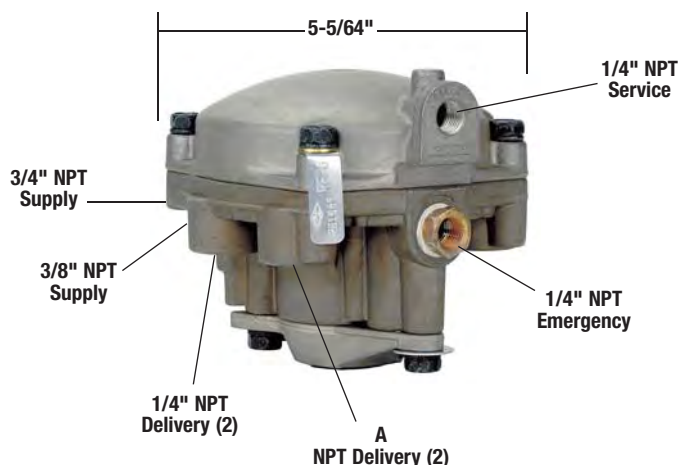
- Available Remanufactured Exchange
- Maintenance Kits:
 - 282812 Complete Valve
 - 282813 Insert Only

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.



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.

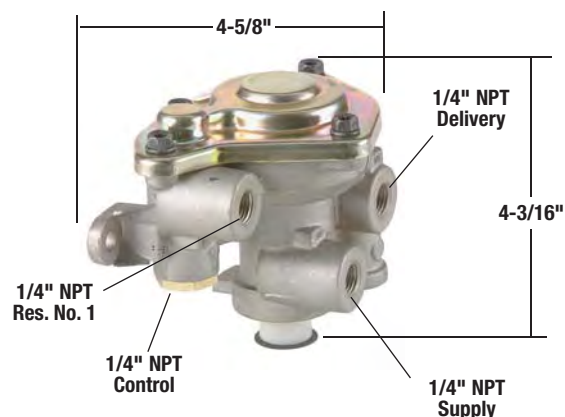
Bendix® SR-1™ Spring Brake Valve

- 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

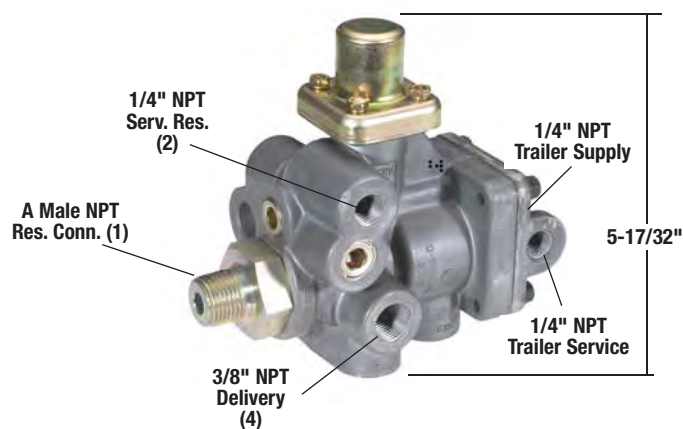
- Available Remanufactured Exchange
- Maintenance Kit 287691

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.



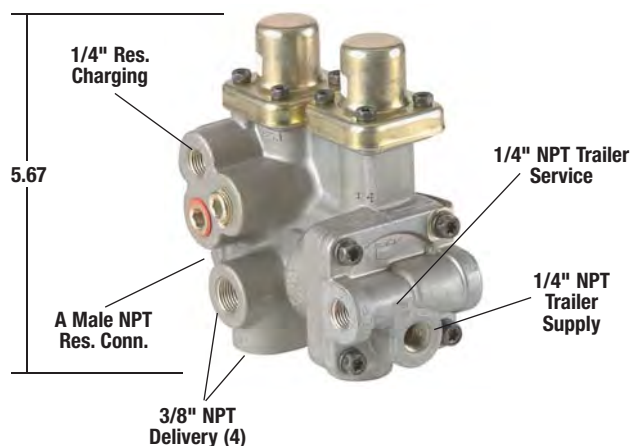
Bendix® SR-4™ Trailer Spring Brake Valve

- 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	



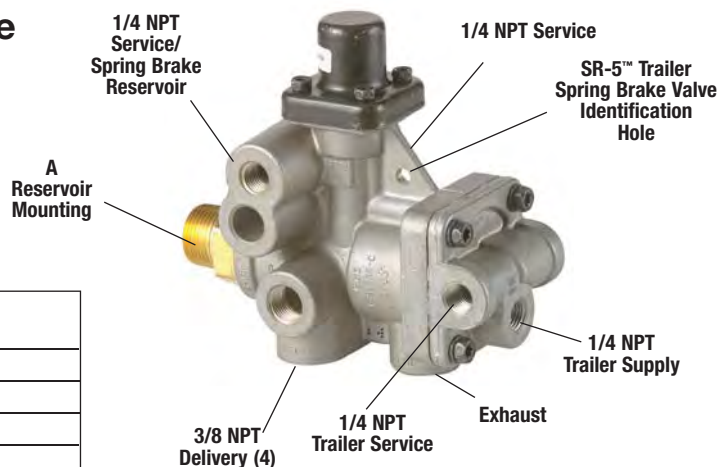
Bendix® SR-5™ Trailer Spring Brake Valve

• 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"	—

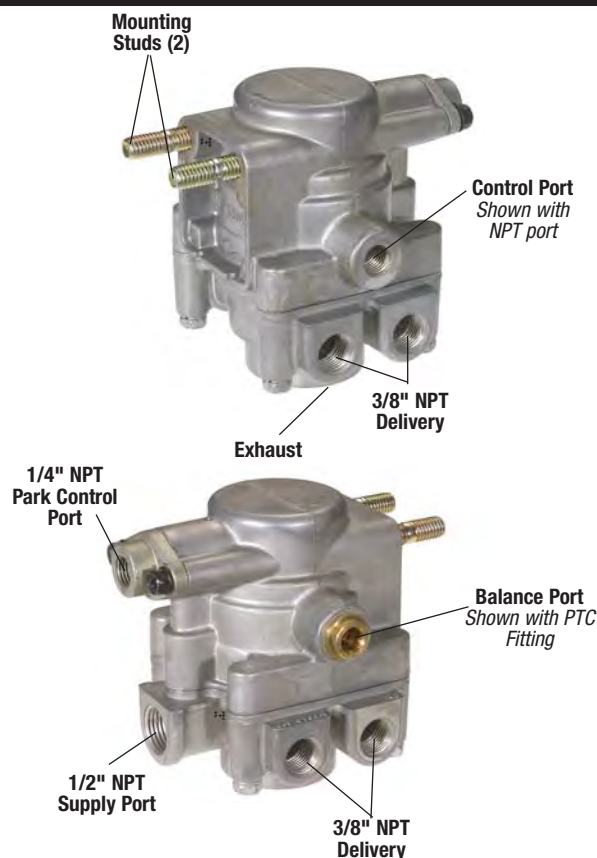


Bendix® SR-7® Spring Brake Modulating Valve

[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

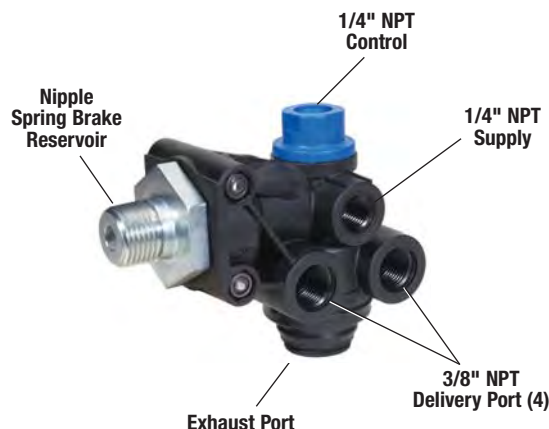
*PTC - Push-To-Connect Fittings



Bendix® SRC-7000™ Trailer Spring Brake Valve

[SD-03-4656](#)

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



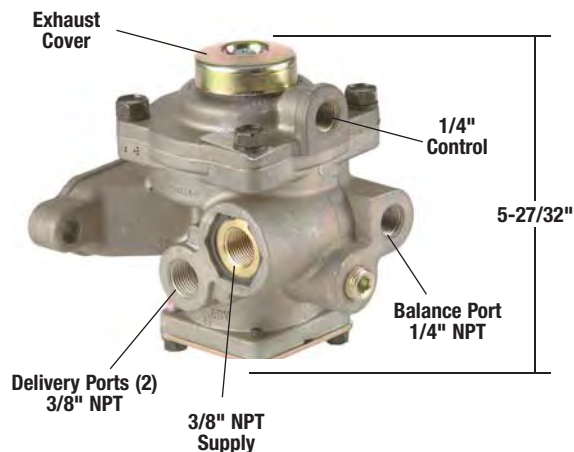
Bendix® R-7™ Modulating Valve

- Available Remanufactured Exchange
- Maintenance Kit 283861

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

i [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

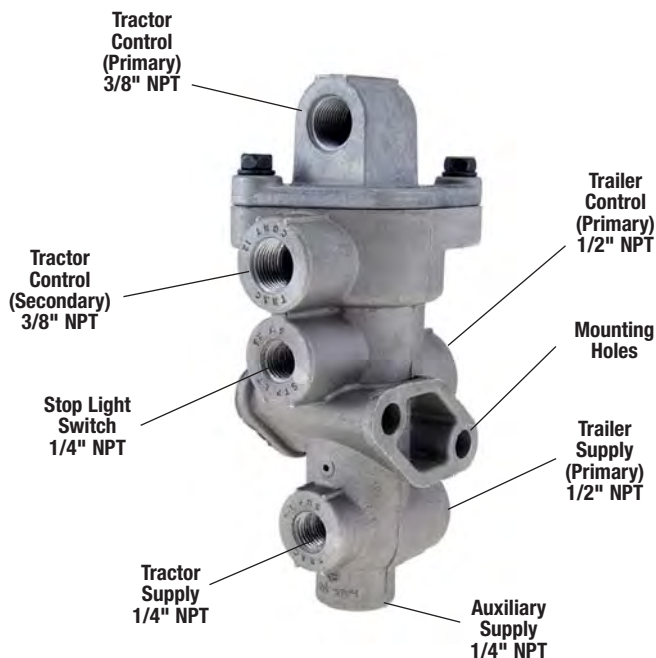
**Bendix® TP-3DC™ Tractor Protection Valve**

- Maintenance Kit 5000073

V.M.R.S. 13-010-016

i [SD-03-3656](#)

Service New Pc. No.
065706

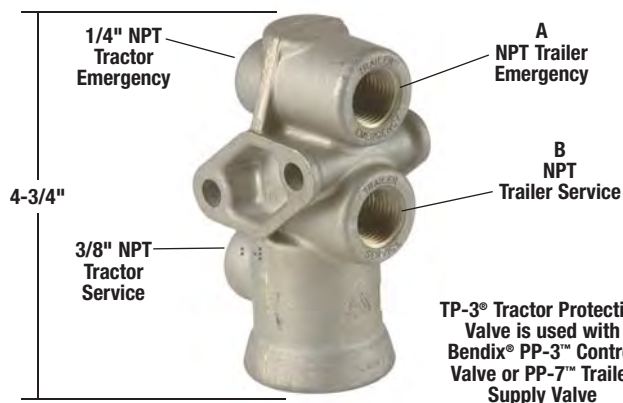
**Bendix® TP-3® Tractor Protection Valve**

- Available Remanufactured Exchange
- Maintenance Kit 280858N

V.M.R.S. 13-010-016

i [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

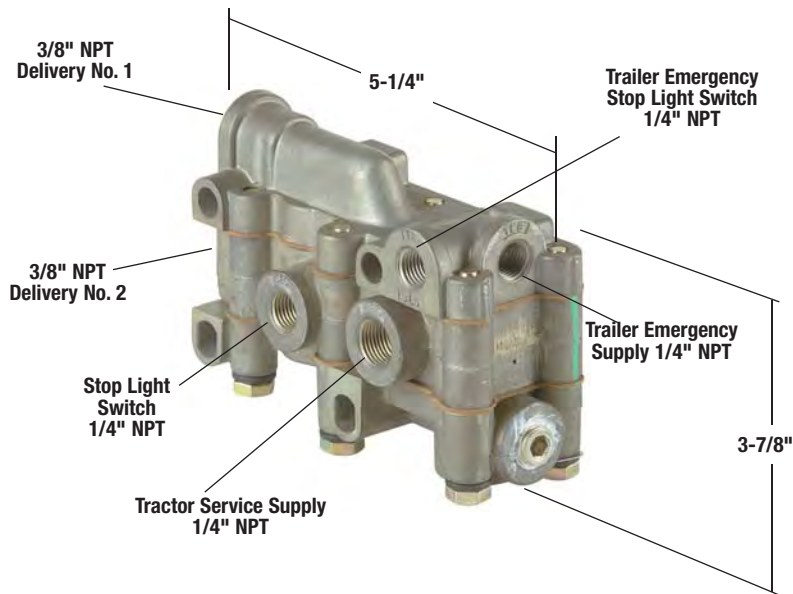
- Available Remanufactured Exchange
- Maintenance Kit 283863

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



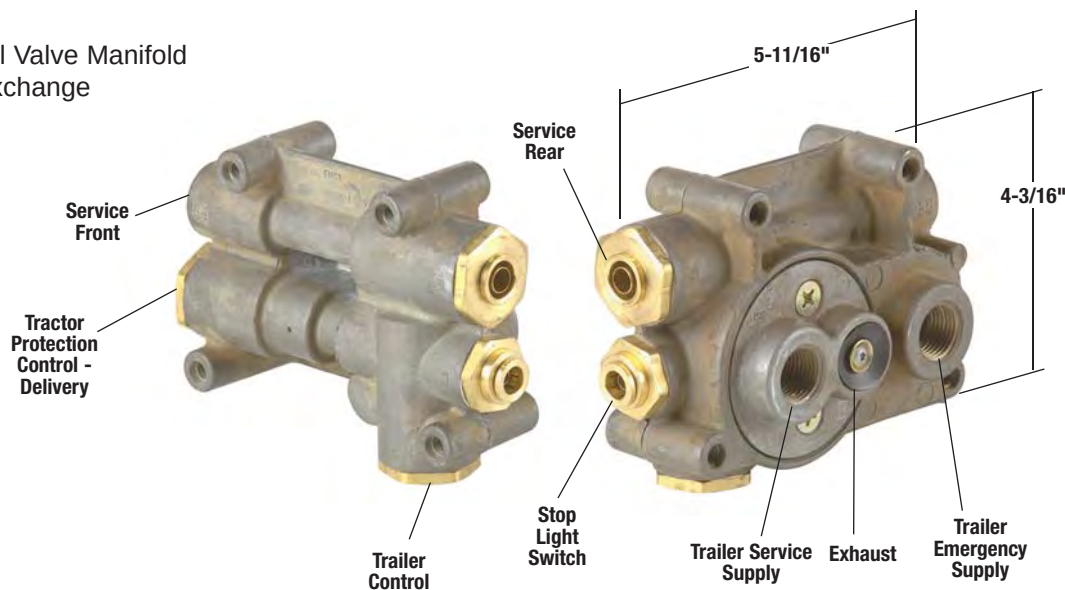
Bendix® TP-5™ Tractor Protection Valve

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

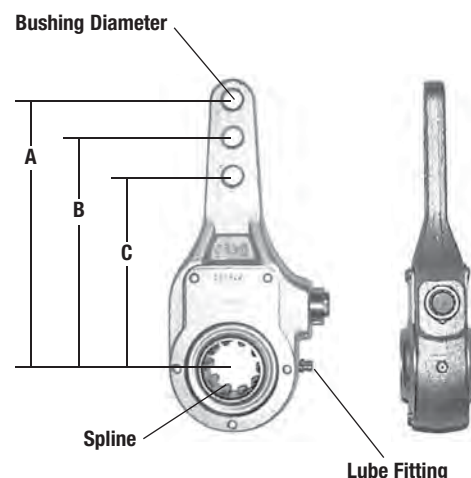
V.M.R.S. 13-001-030 (FRONT)
13-002-028 (REAR)

i 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.

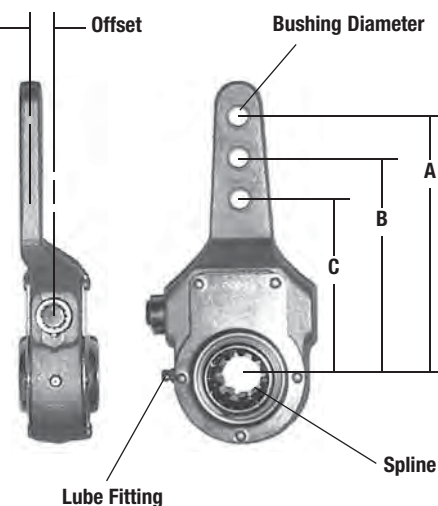
Service New Pc. No.	SAE Torque Rating-lbs	Spline	Teeth	Arm Length (In.)			Bushing Dia.	Lube Fitting	Fitting Direction
				A	B	C			
278302 278305	26,000 26,000	1-1/4"	10	5.5 7.0	4.5 6.0	— 5.0	0.5	Straight	Straight
278323N 278326N 278008 278010N 278045N 279634N	26,000 26,000 30,000 30,000 30,000 30,000	1-1/2"	10	7.0 6.5 6.5 6.0 7.0 7.75	6.0 5.5 5.5 5.0 6.0 6.75	5.0 — — — 5.0 —	0.5	Straight	Straight
101827N 277959N 102110N 278016N 278017N 278035N	26,000 26,000 30,000 30,000 30,000 30,000	1-1/2"	10	6.0 6.5 6.5 6.5 6.0 7.5	— 5.5 5.5 5.5 5.0 5.5	— — — — — —	0.625	90 Deg. Straight 90 Deg. Straight Straight Straight Straight	Left Straight Down Straight Straight Straight
288282 286965N 288753N 287899N	26,000 26,000 26,000 30,000	1-1/2"	28	7.0 6.0 6.5 6.5	6.0 5.0 5.5 5.5	5.0 — — —	0.5	Straight Straight Straight Straight	Straight Straight Straight Straight
101133N 101134 101289N 101290N 101214N 101215N 101216N	26,000 26,000 26,000 26,000 30,000 30,000 30,000	1-1/2"	28	6.0 6.5 6.5 6.0 6.5 6.0 7.0	5.0 5.5 5.5 5.0 5.5 5.0 —	— — — — — — —	0.625	Straight Straight 90 Deg. 90 Deg. Straight Straight Straight	Straight Straight Right Right Straight 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.)			Bushing Dia.	Lube Fitting	Offset	Handed
				A	B	C				
278288 278289 278294N 278295	26,000	1-1/4"	10	6.0 6.0 5.5 5.5	5.0 5.0 4.5 4.5	4.0 4.0 — —	0.5	Straight	0.625	RH LH RH LH
278252 278253 279300N 279301N 279946N 279947N 280424 280425 282560 282561	26,000	1-1/2"	10	5.5 5.5 5.25 5.25 7.0 7.0 6.0 6.0 6.5 6.5	4.5 4.5 — — 6.0 6.0 5.0 5.0 5.5 5.5	— — — — — — 4.0 4.0 — —	0.5	Straight	0.625	RH LH RH LH RH LH RH LH RH LH
279309 279350 279351N 288539N 288540N 288541N 288542N	20,000	1-1/2"	10	5.75 7.0 7.0 6.5 6.5 6.0 6.0	— — — 5.5 5.5 5.0 5.0	— — — — — — —	0.5	Straight	1.5	LH RH LH RH LH RH LH
101413N 101414N 287896 287897	20,000	1-1/2"	28	5.5 5.5 6.5 6.5	— — 5.5 5.5	— — — —	0.5	Straight	1.5	LH RH RH LH

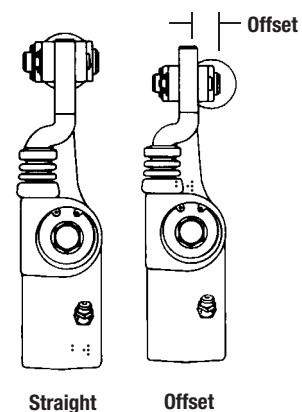
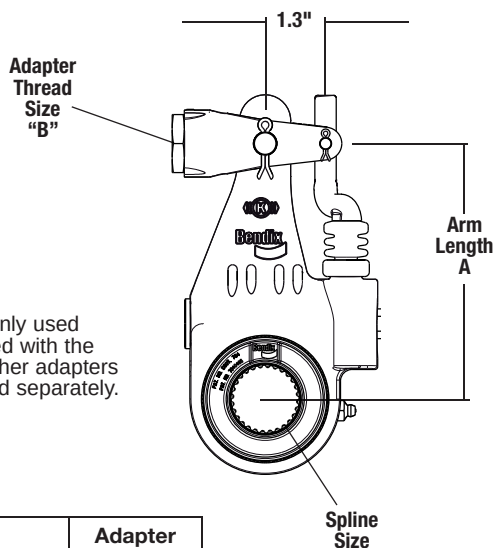


Bendix® Versajust® LS Automatic Slack Adjuster

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

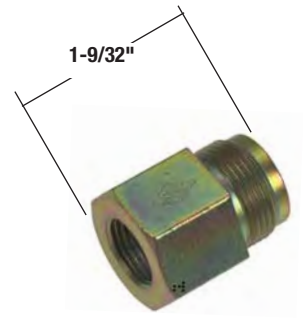
Complete Yoke Kit with Adapter Pc. No.	Yoke Kit Pc. No.	Adapter		
		Kit Pc. No.	Size	Type
K045129	K041758	107162	1/2"-20	Quick Connect
K045130	K041758	107161N	5/8"-18	Quick Connect
K046614	K154438	292756N	1/2"-20 x 25/32" Length	Easy-On
K046615	K154438	291452N	5/8"-18 x 25/32" Length	Easy-On
K046616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

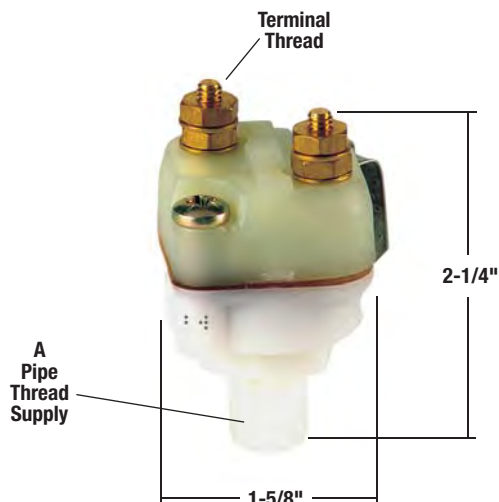
Bendix® SL-4™ Stop Light Switch

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

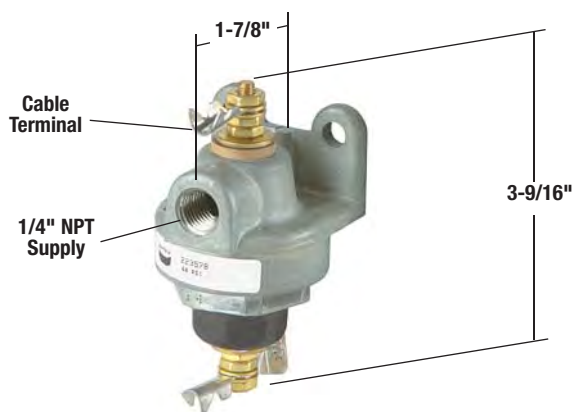


Bendix® LP-2™ Low Pressure Indicator

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



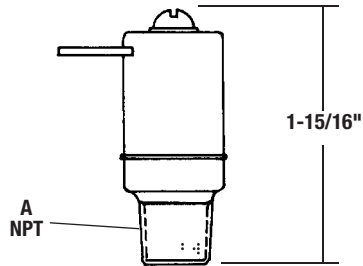
Bendix® LP-3™ Low Pressure Indicator

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"

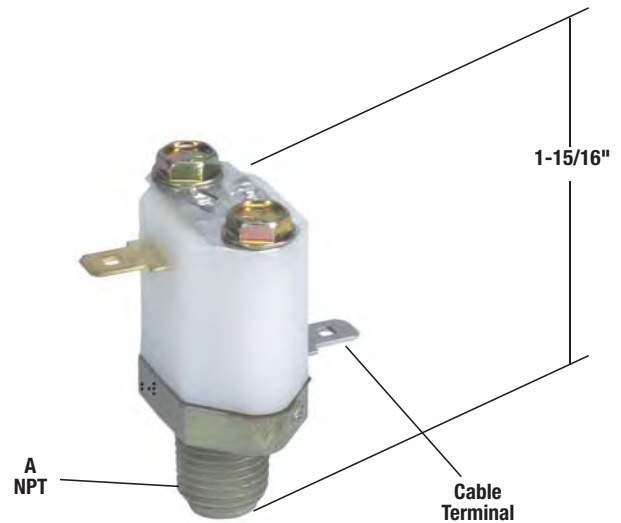


Double Terminal

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

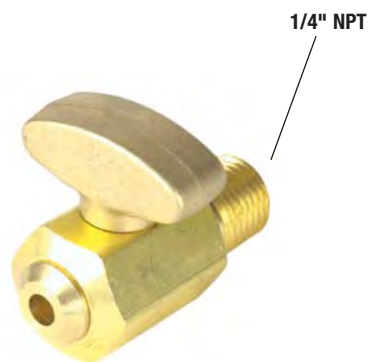
[SD-06-130](#)

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

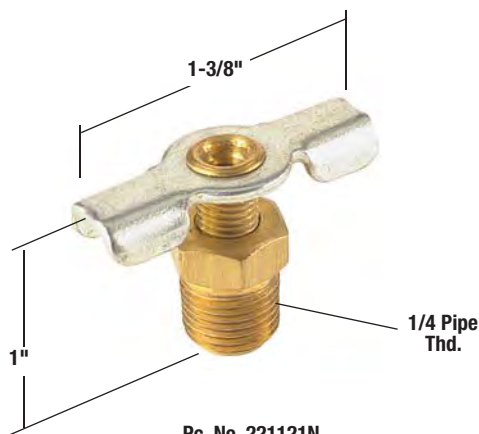
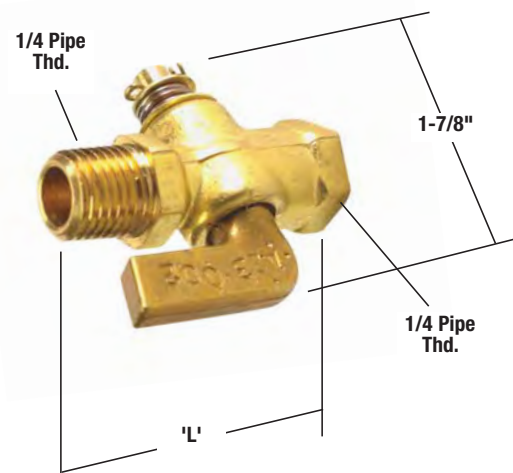


Bendix® C-1™ and C-3™ Cut-Out Cocks

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

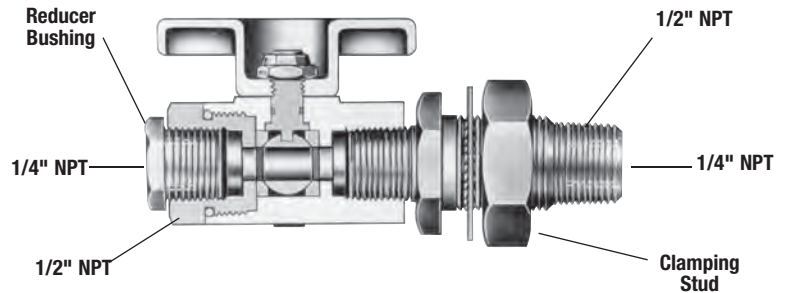
- Maintenance Kit 285938
- Handle Kit K026452

i 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



Trucking moves fast. Move faster.

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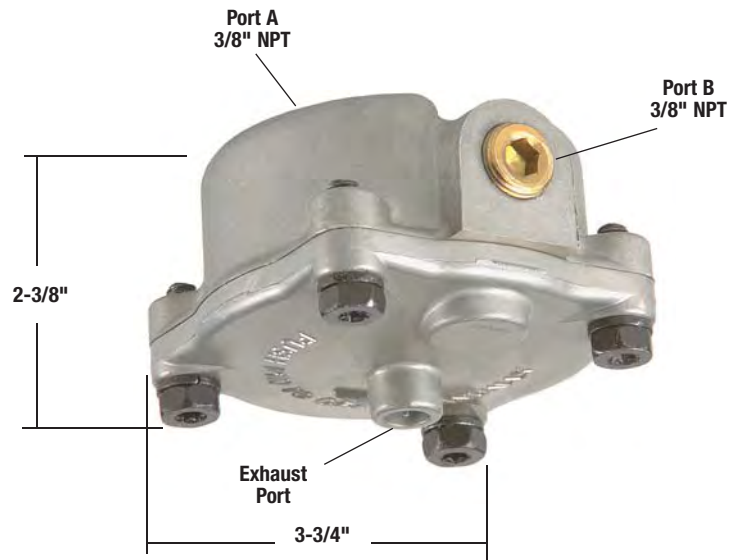
[knowledge-dock.com]

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



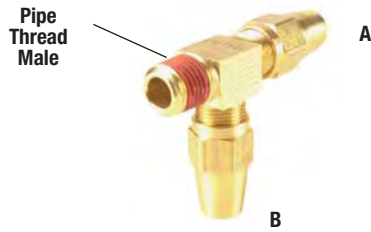
Sleeve

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.



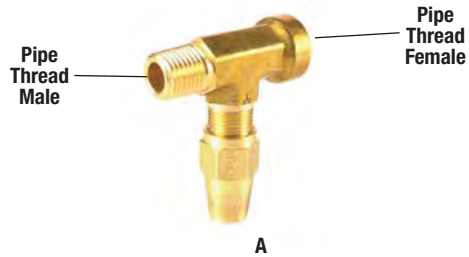
Pipe Thread Male	A Tubing O.D.	B Tubing O.D.	Tee Service New Pc. No.
1/8"	1/4"	1/4"	221978N
1/4"	3/8"	3/8"	205104N
3/8"	3/8"	3/8"	217050
3/8"	3/8"	1/2"	224647N



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.)

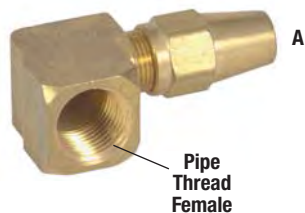
- Complies with DOT requirements per FMVSS 106.



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



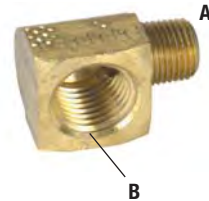
NPT Male	A Tubing O.D.	Elbow (45°) Pc. No.
1/4"	3/8"	220722N
3/8"	3/8"	220291
3/8"	1/2"	220292
1/2"	3/8"	225650
1/2"	1/2"	227162
1/2"	5/8"	222065

Miscellaneous Fittings

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



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



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

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



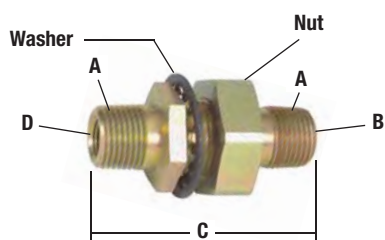
Miscellaneous Fittings (cont.)



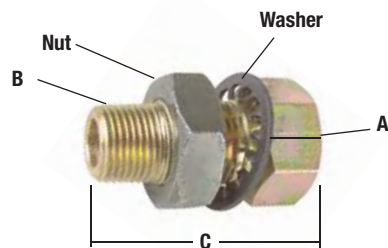
A Pipe Tap	B Pipe Tap	Anchor Elbow Pc. No.
1/4"	1/4"	201030N
3/8"	3/8"	212765N



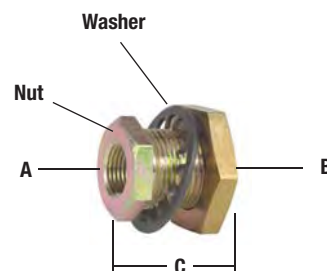
A Pipe Tap	B Pipe Tap	Anchor Elbow Pc. No.
1/4"	1/4"	201010N
3/8"	3/8"	233420N



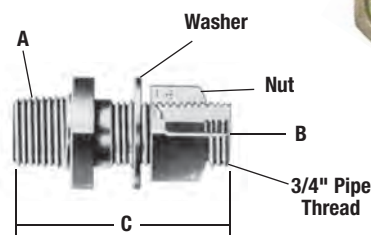
A NPT	B Pipe Tap	C Length	D Pipe Tap	Clamping Stud Pc. No.
1/2"	1/4"	2-15/16"	—	205730N
1/2"	1/4"	3-15/16"	—	223464
1/2"	1/4"	2-15/16"	1/4"	228146



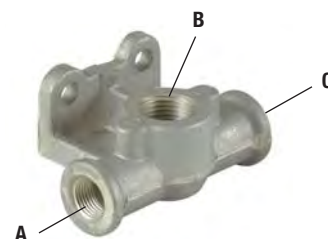
A Pipe Tap	B NPT	C Length	Anchor Coupling Pc. No.
3/8"	3/8"	1-7/8"	215672N



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

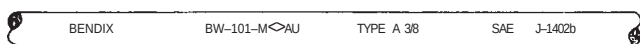


A Pipe Tap	B Pipe Tap	C Pipe Tap	Anchor Tee Pc. No.
1/4"	3/8"	1/4"	231379N
3/8"	3/8"	3/8"	236056N
3/8"	1/2"	3/8"	239727N

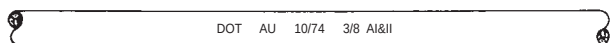
TYPE BW-101-M TYPE A HOSE is standard for all flexible connections in the air brake system where conditions do not require a larger hose. They are most commonly used for Brake Chamber Hose connections, or Trailer Hose connections.

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:

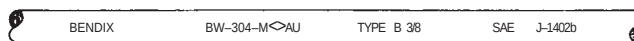
PC. NO.	DESCRIPTION
285496	50 Ft. Coil Carton

ORDER BY
PIECE NUMBER

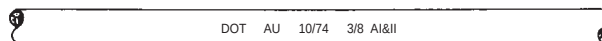
BW-304-M TYPE B HOSE is standard for all flexible connections in the air brake system where conditions do not require a larger hose. It is most commonly used for Brake Chamber Hose connections, or Trailer Hose connections.

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

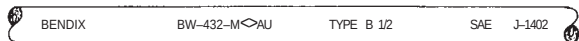
ORDER BY
PIECE NUMBER

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.

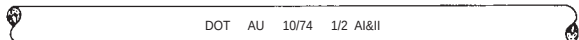
Identify by inside and outside diameters and continuous markings on the outside surface.

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)

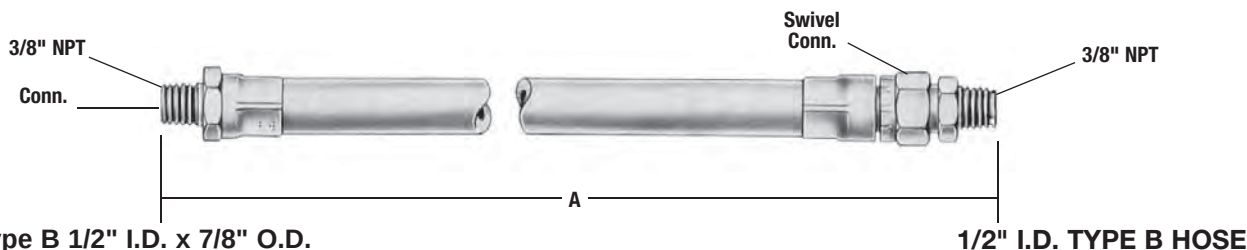


BACK VIEW



PC. NO.	DESCRIPTION
5006705	50 Ft. Coil Bulk

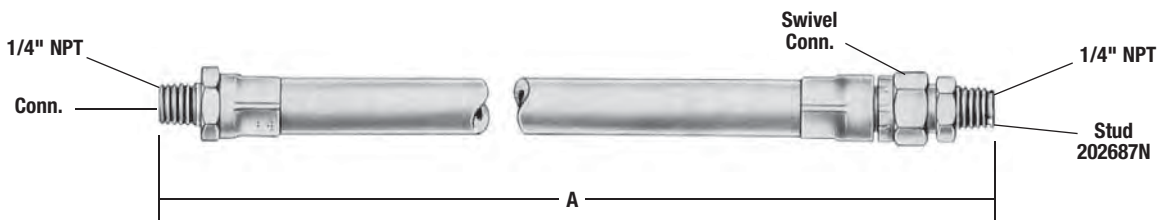
ORDER BY
PIECE NUMBER



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

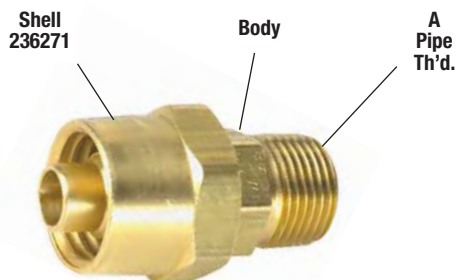
A Overall Length	Hose Assembly Pc. No.	A Overall Length	Hose Assembly Pc. No.	A Overall Length	Hose Assembly Pc. No.	A Overall Length	Hose Assembly Pc. No.
15-1/8	228533	24-7/8	228544N	32	228552	45-1/8	228563
18-5/8	228535	26-7/8	228547	34-3/8	228554	50-1/8	228565
20-3/8	228539	27-5/8	228548	36-1/8	228555	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

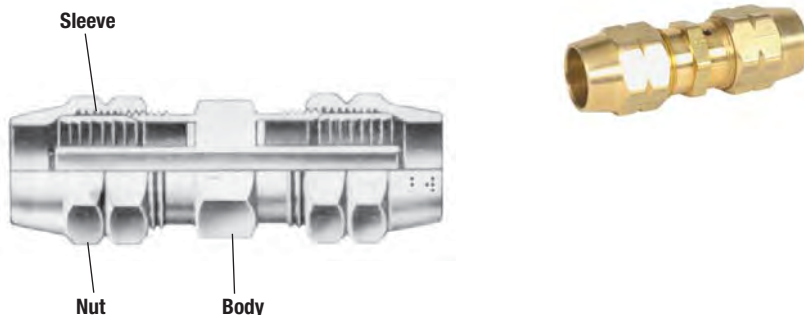


FOR 3/4 O.D. x 3/8 I.D. HOSE

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

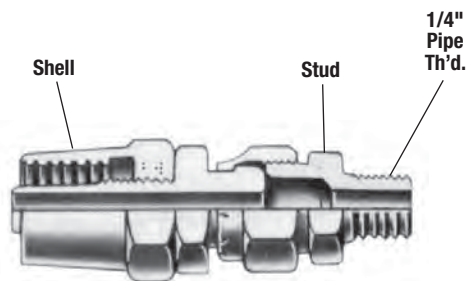


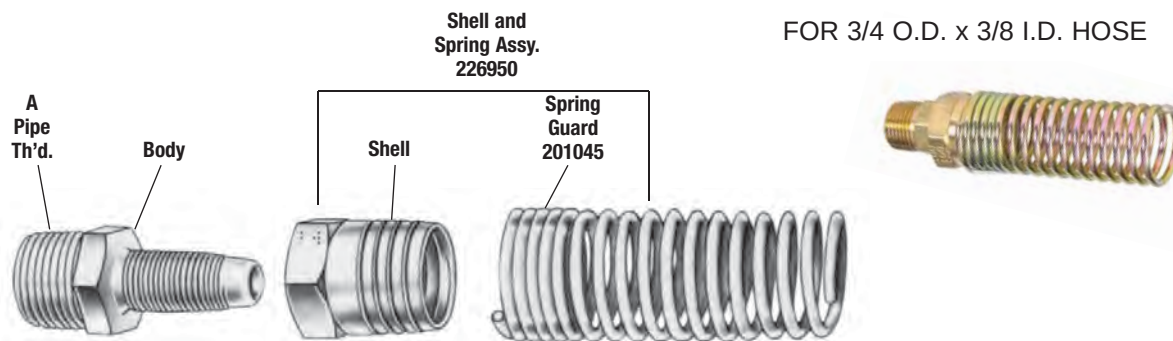
FOR 3/4 O.D. x 3/8 I.D. HOSE

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

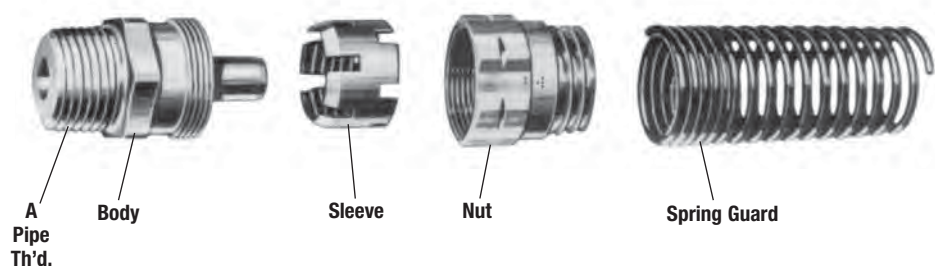




FOR 3/4 O.D. x 3/8 I.D. HOSE

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

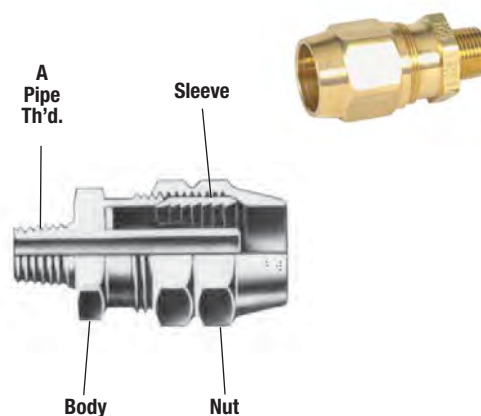
**Hose Connector with Spring Guard**

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

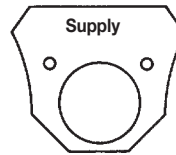
Hose Connector

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

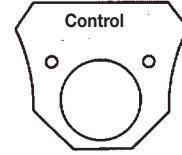


Hose Suspension Spring

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

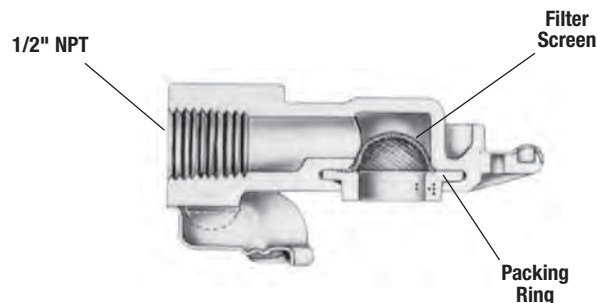
Hose Couplings

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

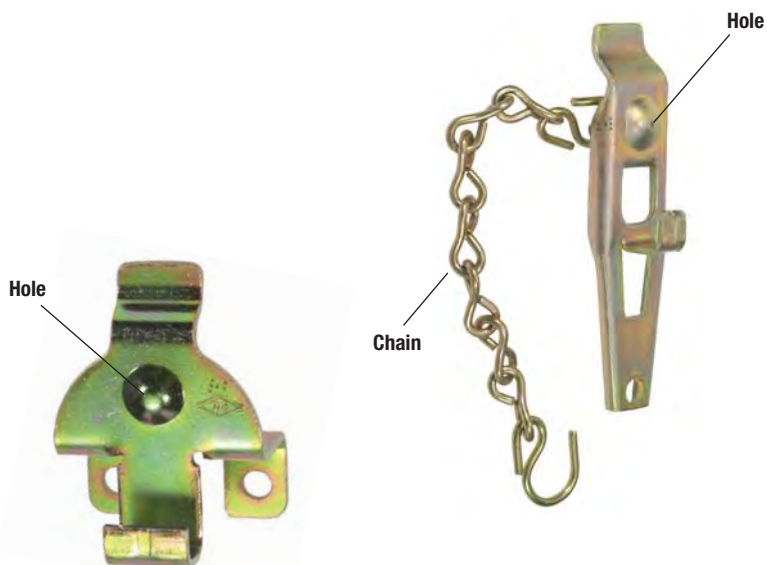


Pc. No. 248579
Double Lip
Fits All
Couplings

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"

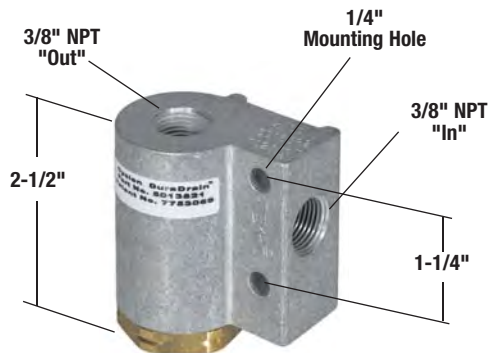


Bendix® Cyclone DuraDrain® Water Separator

- 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

[SD-08-187](#)



Bendix® PuraGuard® QC™ Filter

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

[SD-08-187B](#)

Service New Pc. No.
801731



Bendix® AF-3™ In-Line Filter

- Removes Solid Contaminants

[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

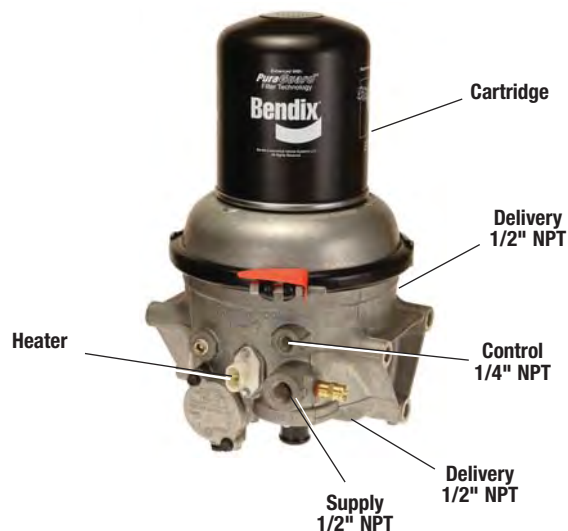
- End Cover Available Remanufactured Exchange

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

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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 in³ Reservoir w/ 3/8"-16 U-bolts	5012561N
93 in³ Reservoir w/ 1/2"-13 U-bolts	5005309N
288 in³ 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

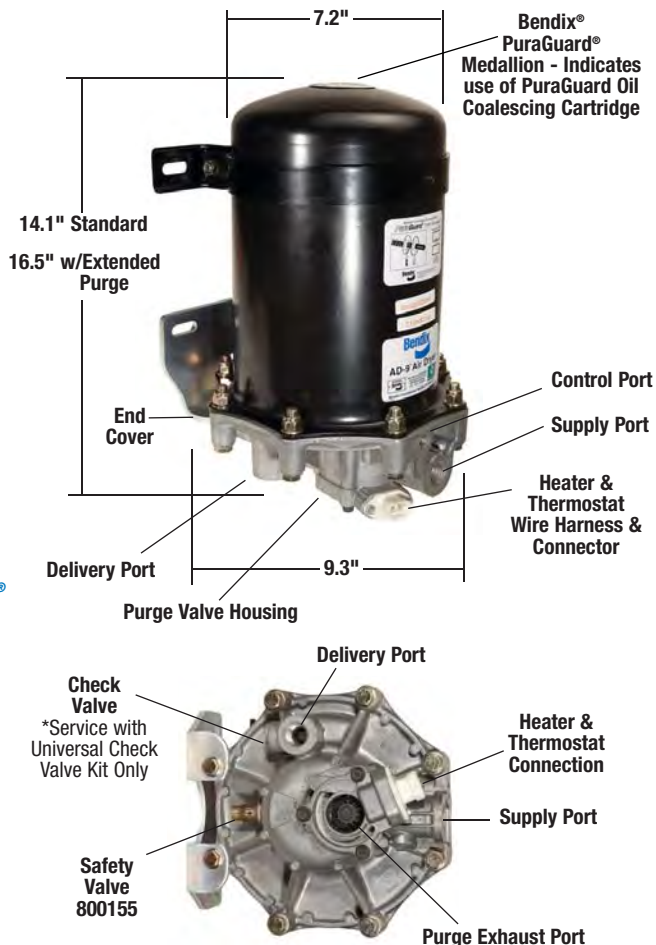
- More Desiccant Works Longer
- Compact Size Saves Space
- Remanufactured Exchange

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

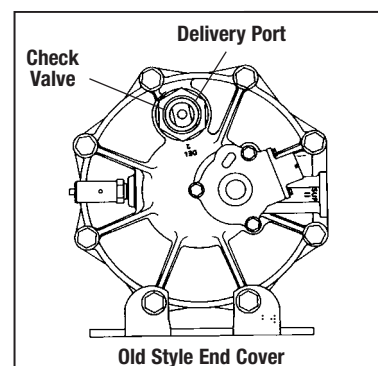
[SD-08-2412](#)



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



New 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

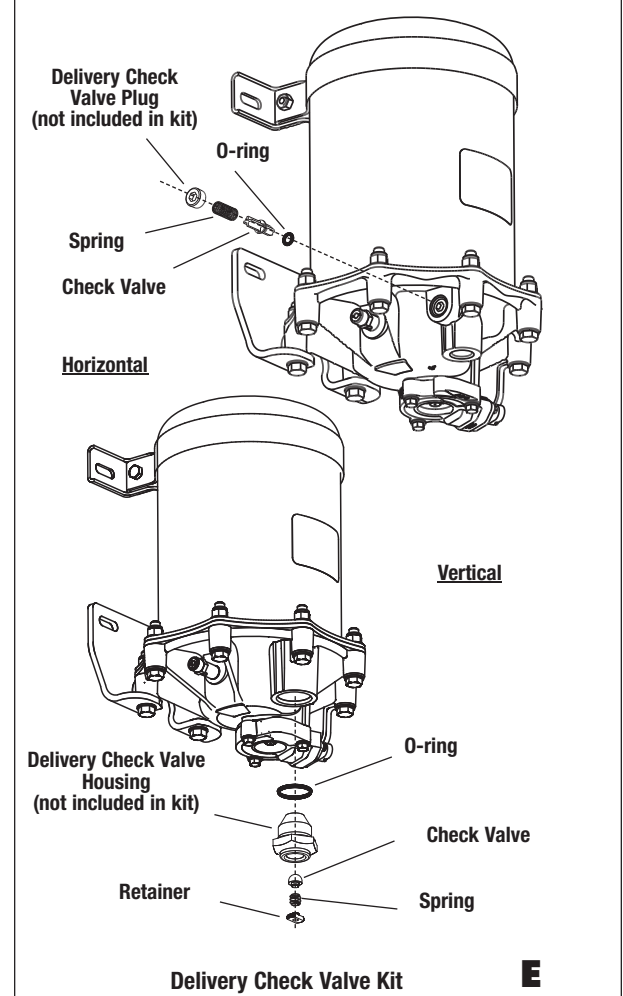
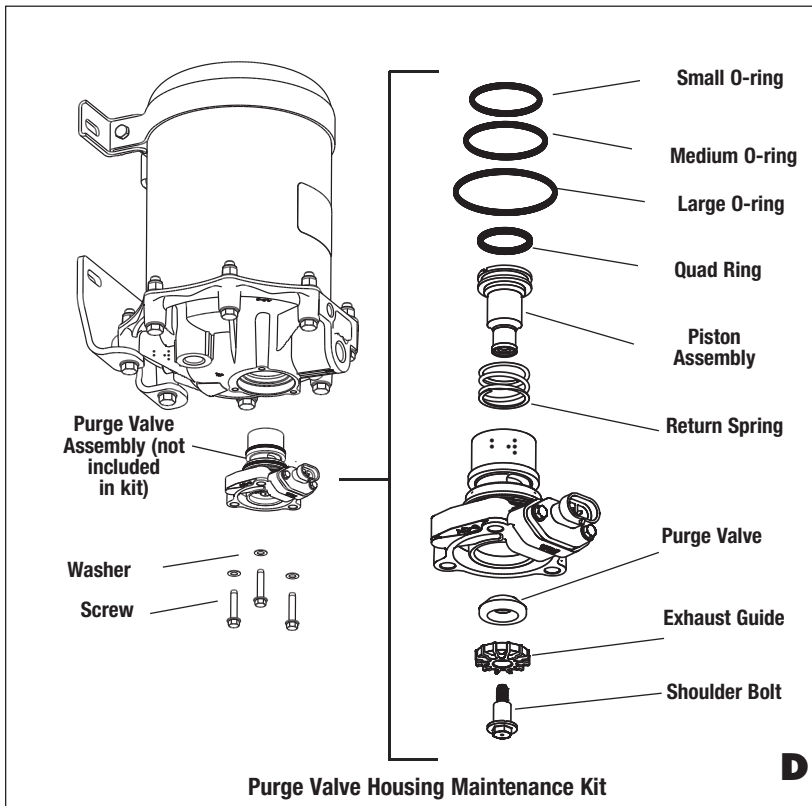
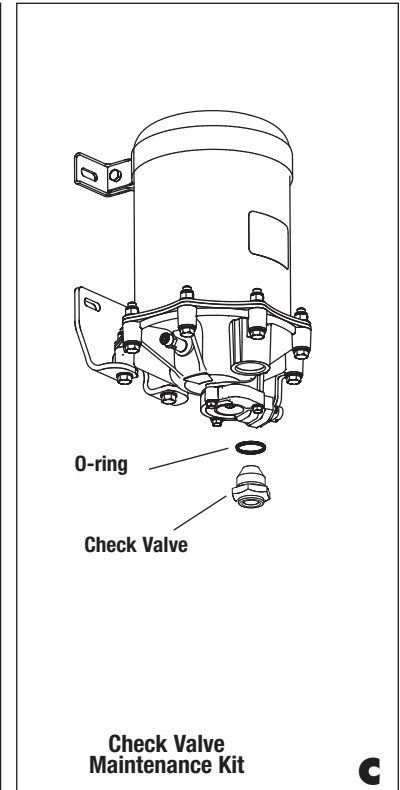
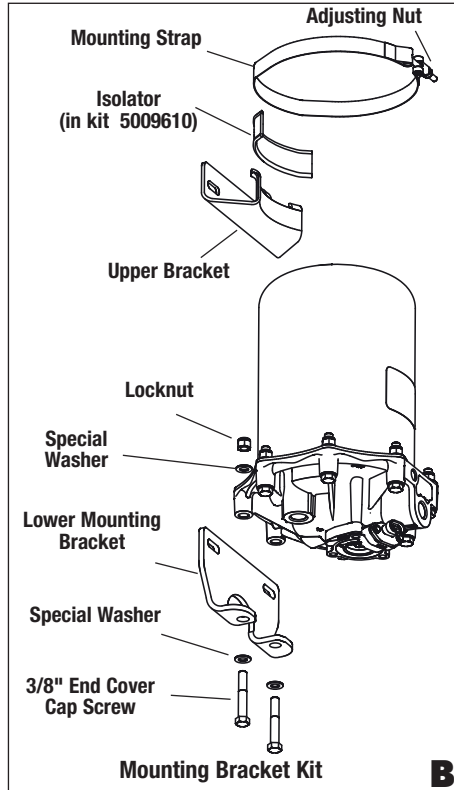
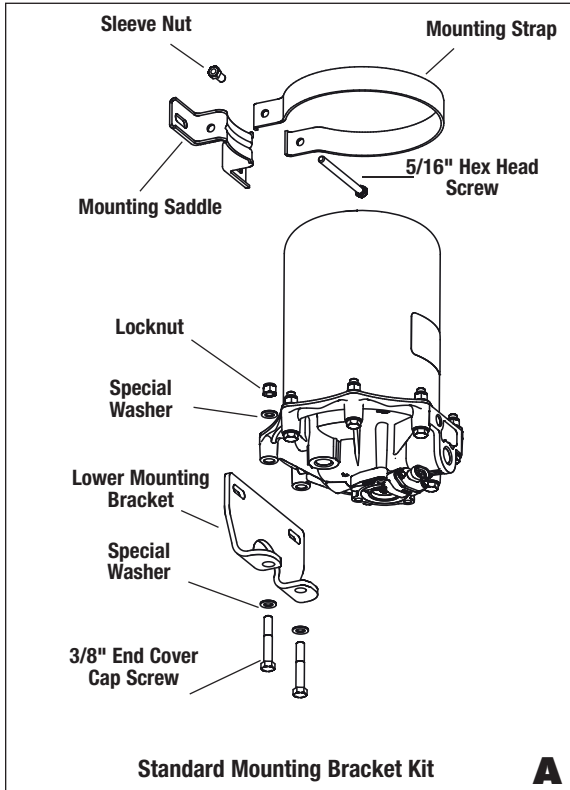
**Other Bendix® AD-9® air dryer models can not be used in this application.

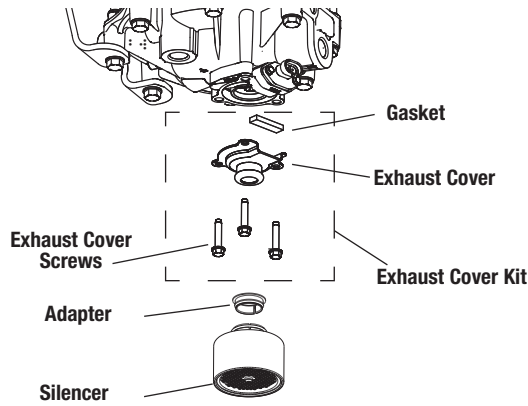


Kit Part Number	Service New (S) or Reman Exchange (RX)	Purge Valve Type	Heater	Connector Color	Kit Description	Illustration (see following pages)
107695	S	—	—	—	Complete Mounting Bracket Kit - Contains the upper and lower brackets as well as the necessary mounting hardware.	A
5002080	S	—	—	—	Mounting 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	—

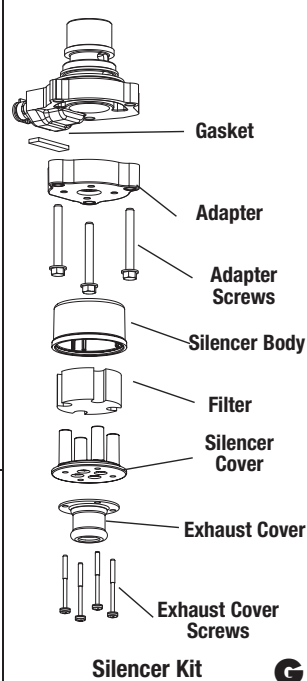
Bendix® AD-9® master kit part no. K119759 consists of the following kits:

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

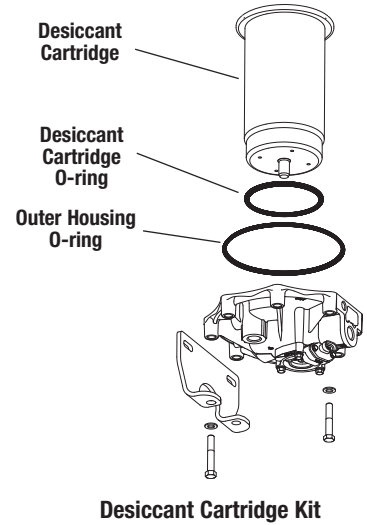




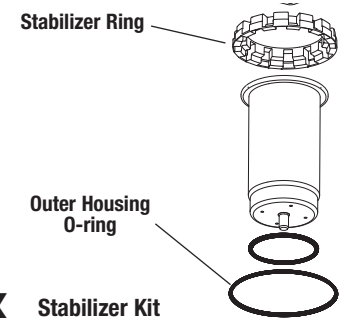
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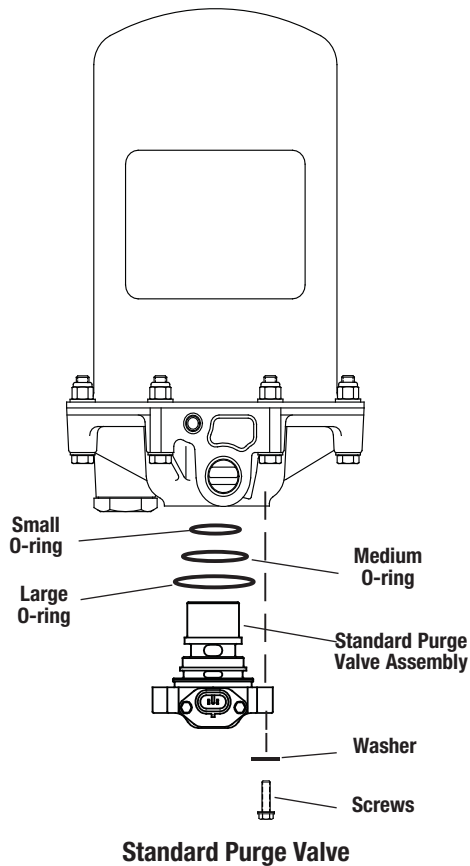
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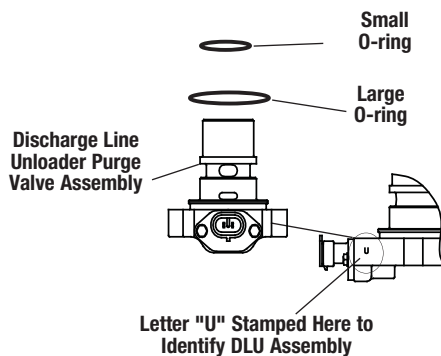
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K Stabilizer Kit

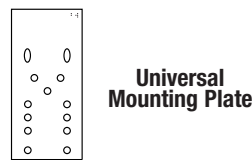


Standard Purge Valve

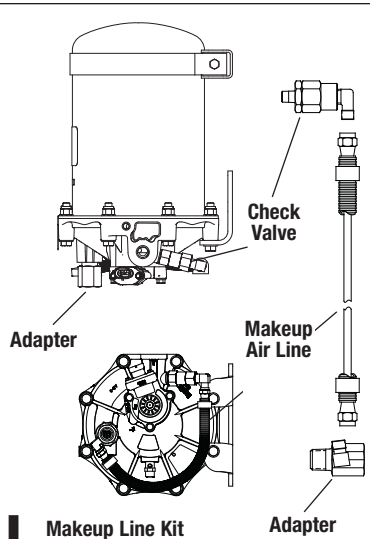


Discharge Line Unloader Purge Valve

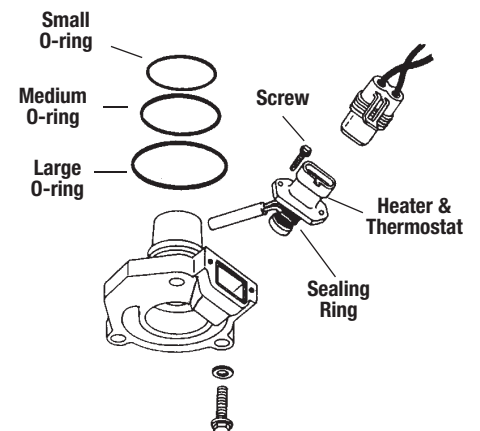
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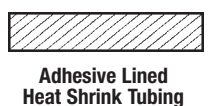
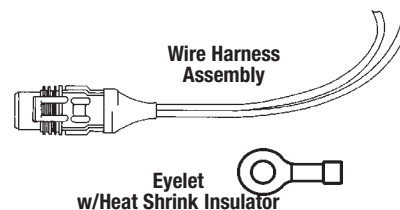


I Makeup Line Kit



Heater & Thermostat Kit

L



Heater Electrical Splicing Kit

M

Bendix® AD-SP® Air Dryer

- System Purge

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

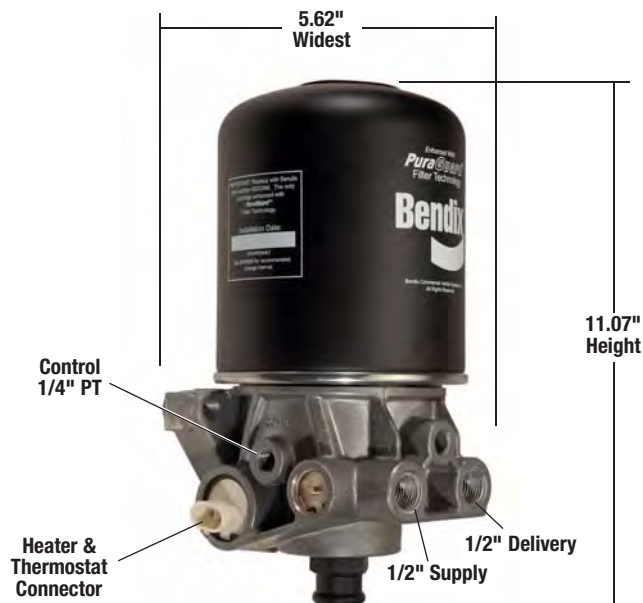
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Bendix® AD-SP® Air Dryers & Field Installation Kits

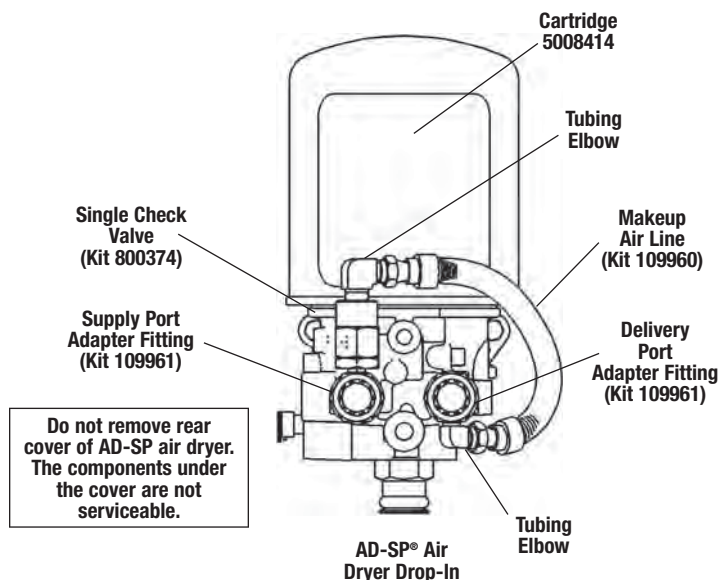
AD-SP® Air Dryer w/ SC-PR™ Valve Service New Pc. No.	AD-SP® Air Dryer Service New Pc. No.	Heater & Thermostat Volts / Watt (See Note 1)	Comments
131031	800887	12V / 90W	—
131032	800972	24V / 90W	—
—	800973	12V / 90W	Drop-In
—	800974	24V / 90W	Drop-In

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



Bendix® AD-SP® Air Dryer



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

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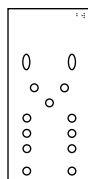
Description	Pc. No.
Cartridge Bolt Kit	109498
Desiccant Cartridge Service New	065624
Desiccant Cartridge Remanufactured	109493X
Bendix® PuraGuard® Coalescing Cartridge Kit - Service New	065624PG
PuraGuard Coalescing Cartridge Kit - Reman Exchange	109493PGX
Desiccant Cartridge O-ring Kit	5011387
Delivery 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

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	

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).



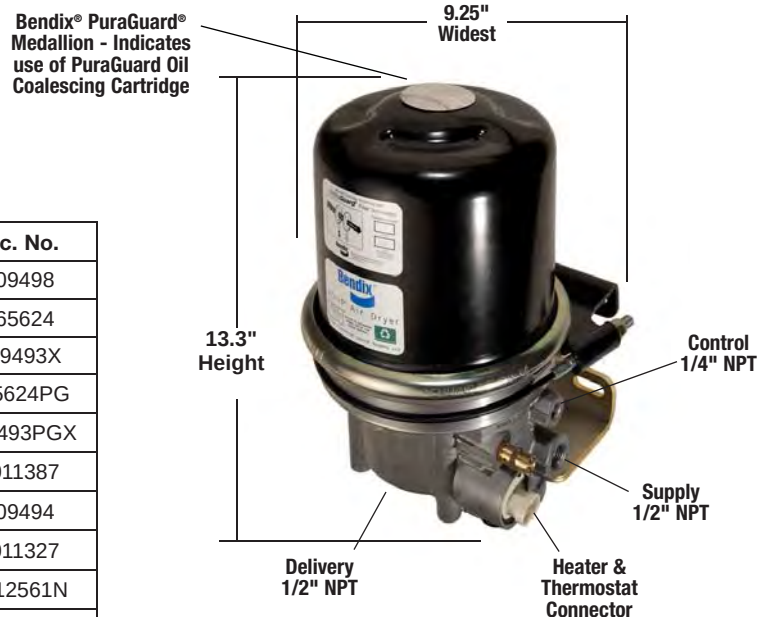
Universal Mounting Plate
Pc. No. 113209
(Can be used to mount any Bendix® air dryer to vehicle)



Exhaust Cover Kit 5011327



Wire Harness Assembly
(Use Kit 109871N)



Bendix® AD-IP® 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

All AD-IP air dryers are extended purge capable.



Bendix® AD-IP® Drop-In Air Dryer

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:

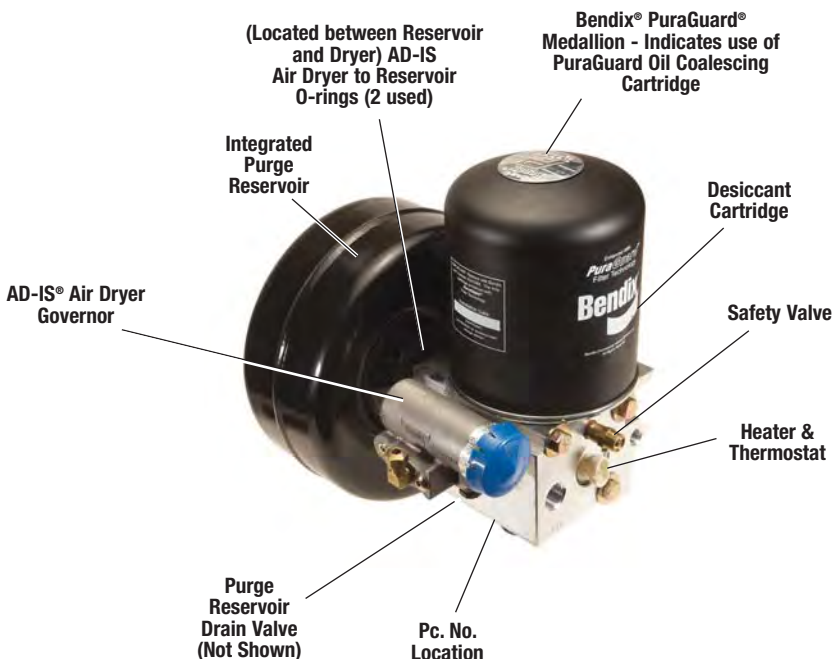
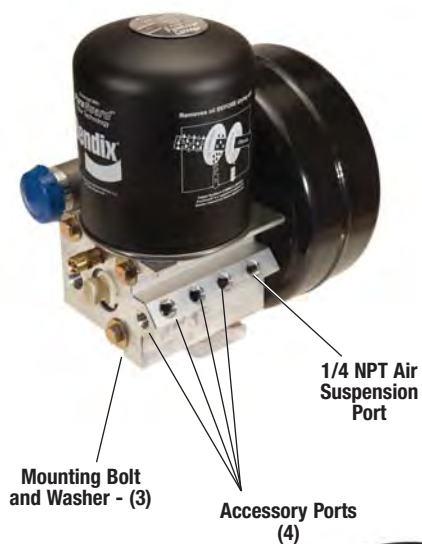
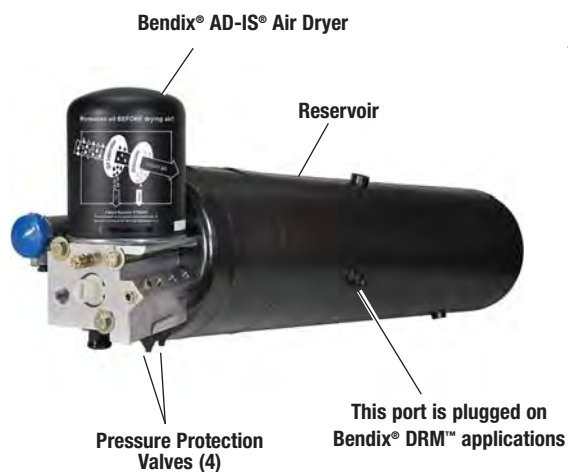
1. All replacement air dryers include 5001247 (mounting bracket kit).
2. 12 & 24 volt air dryers are identified by connector color - White = 12v, Gray = 24v
3. Includes Drop-In Check Valve Kit

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


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

*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.

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

i SD-98-9808

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

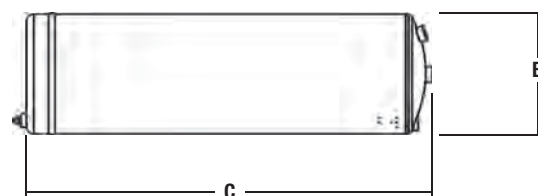
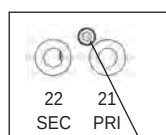


Figure 1

Bendix® PuraGuard® Medallion - Indicates use of PuraGuard Oil Coalescing Cartridge



'A' Port



*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.

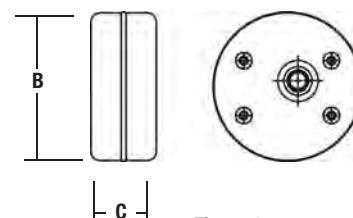


Figure 2

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 in³ chamber

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

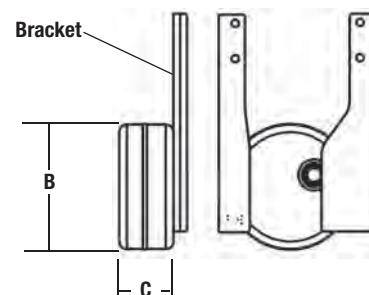


Figure 3

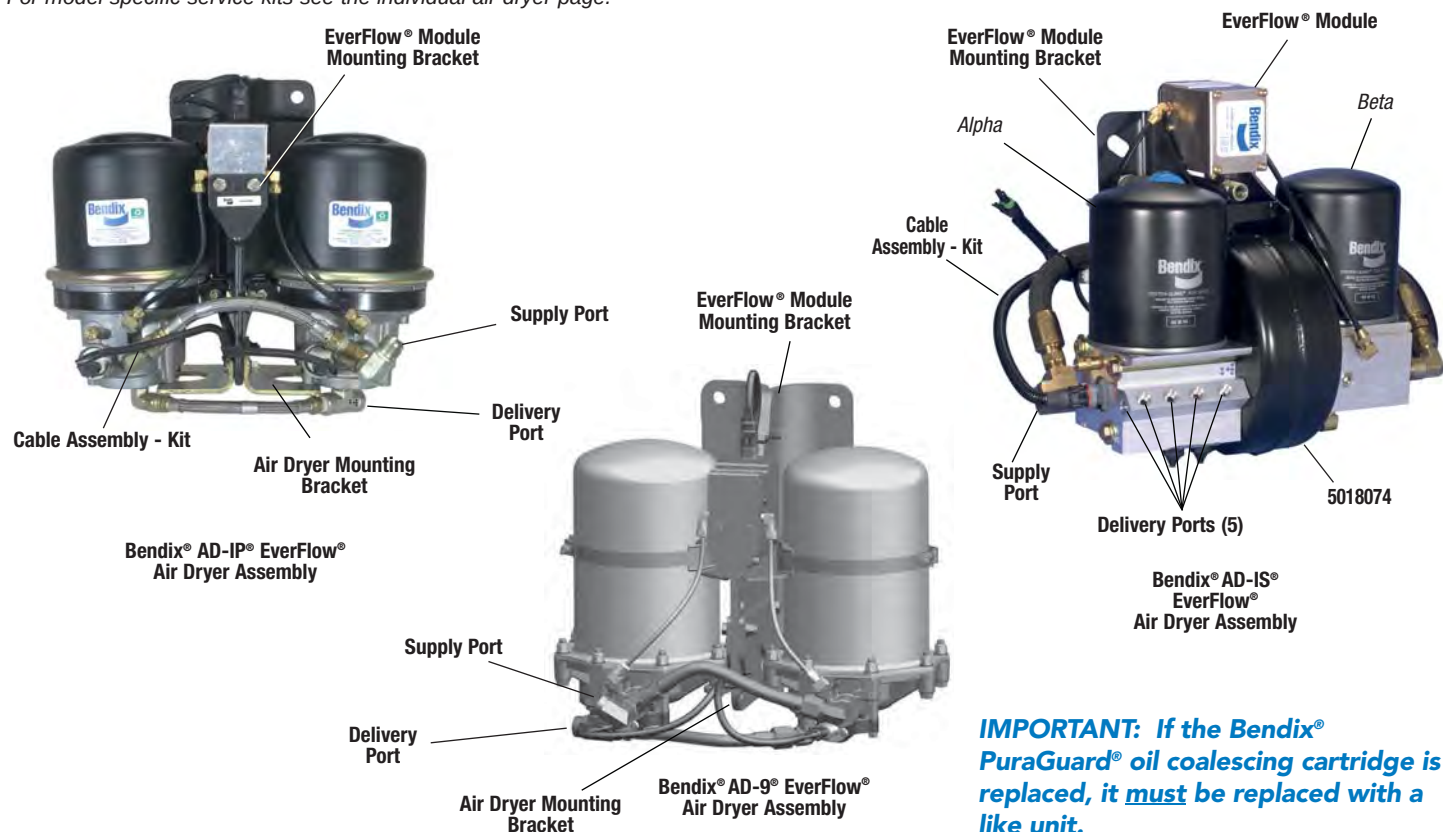
IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is replaced, it must be replaced with a like unit.

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.



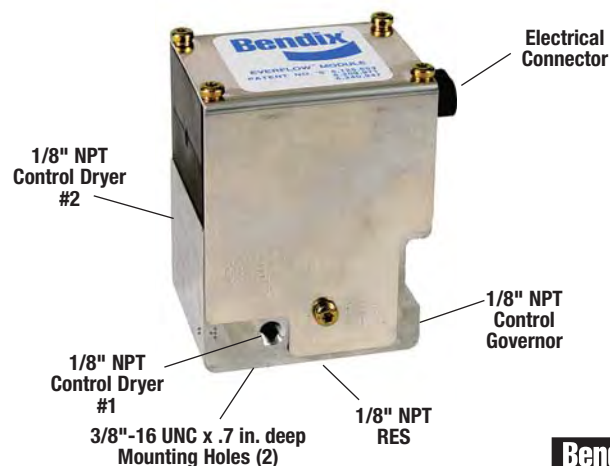
IMPORTANT: If the Bendix® PuraGuard® oil coalescing cartridge is replaced, it must be replaced with a like unit.

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	—
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®	DetroitDD13	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
		AD-IS Air Dryer	Reman	—	109493PGX
			Service New	—	5008414PG
INTERNATIONAL®					
DuraStar® 4000	MaxxForce® 7/8/9/10/DT	AD-9® Air Dryer	Service New	—	107796PG
		AD-IP Air Dryer	Reman	—	107794PGX
			Service New	—	065624PG
			Reman	—	109493PGX
PayStar® 5000	MaxxForce® 11/13/15	AD-9 Air Dryer	Service New	—	107796PG
		AD-IP Air Dryer	Reman	—	107794PGX
			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
		AD-IP Air Dryer	Reman	—	107794PGX
			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
		AD-IP Air Dryer	Reman	—	107794PGX
			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
		AD-IP Air Dryer	Reman	—	107794PGX
			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® 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® AD-IS®, AD-SP®, AD-RP™ or AD-9si® Air Dryer Cartridge



Bendix® AD-IP® Air Dryer Cartridge

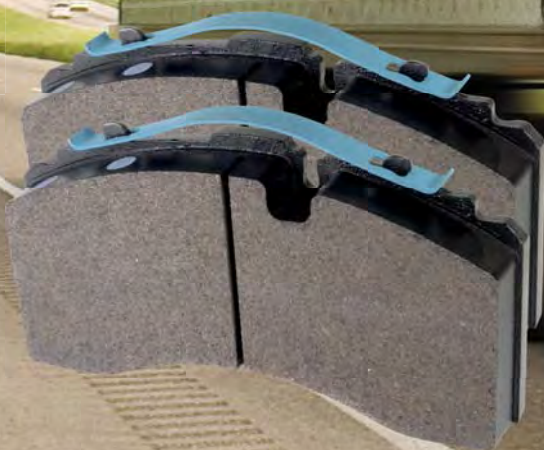


Bendix® AD-9® Air Dryer Cartridge



**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.

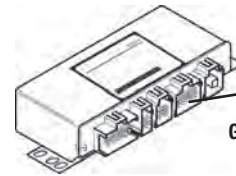


*Need help deciding on the right replacement pad?
Call 1-800-AIR-BRAKE
(1-800-247-2725).*

Bendix® EC-30™ Electronic Controller

[SD-13-4815](#)

EC-30™ ECU



Connectors are black

Gen 4/5 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			J1939		Configured as 6S/4M ABS ¹	
300344, 5006806	801753	6S/6M	Yes			Use for a 6 x 2 vehicle with a tag axle	
5012582	801754	6S/6M	Yes				

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.

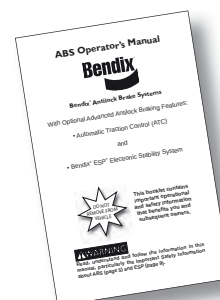
i SD-13-4863



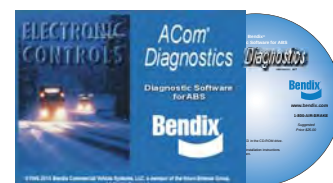
**Bendix® EC-60™
Advanced**

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						K065143	
	5016144							
	5020080							
	K033963							
	K033964							
	K034014							
	K040122							
PACCAR	K021136							Roll Stability Program (RSP)
	K021415							
	K021416							
	K024560							
	K025766							
	K025780							
	K041759							
International	802054		K065143					
	803147							
	5015578							
	5020081							
	K033968							
	K033969							
	K034015							
	K040121							
	K041711							

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**

*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™ Standard Cab ECU

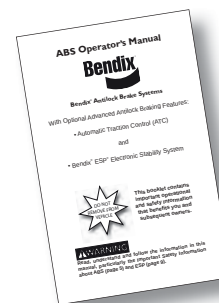
All shown communicate over J1587 and J1939

[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					4S/4M	12	Yes
	5016139								
	K040114								
	K041718								
International	802136	K065135				4S/4M			
	802325								
	5016145								
	5016357								
	K020367								
	K020368								
	K020833								
	K020834								
	K040115								
	K040116								
K041720									



Bendix® EC-60™ ECU Standard (Cab)



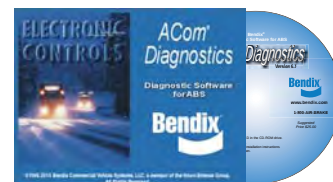
Bendix® Antilock Brake Systems Operator's Manual BW2489 (ESP) and BW2499 (RSP) are available on bendix.com

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					
GM	5015991	802831		No	Includes mounting bracket; retarder disable via relay	
	5018131	802833				



Bendix® ACom® Diagnostic Software visit bendix.com



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](#)

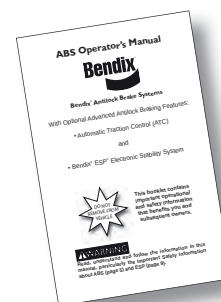


Bendix® EC-60™ Premium (Cab)

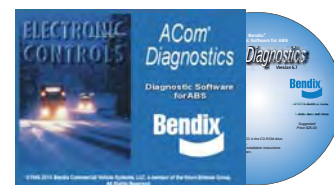
Notes:

- 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

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

Bendix® EC-60™ Premium Frame ECU

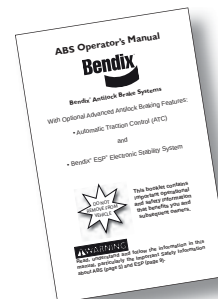
All shown have traction control and communicate over J1587 and J1939.

[SD-13-4863](#)

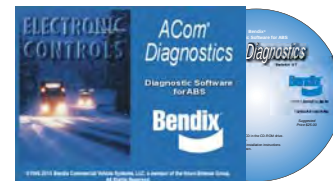
Customer	OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Supply Voltage	PLC	Notes
—	801881	K058712	4S/4M	12	Yes	
	5012230					
	5013149					
	5013150					
	5020008					
	K019237					
	K038366					
	K039622					
International	802134	K065140				PLC operation for International
	5016143					
	K020822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



Bendix® EC-60™ Premium (Frame)



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® 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

R-12® Relay Valve



Bendix® brand ABS controller (Premium or Advanced EC-60 designation or later)



Bendix® DC-4® Double Check Valve



RV-3™ Pressure Reducing Valve



RV-3™ Pressure Reducing Valve



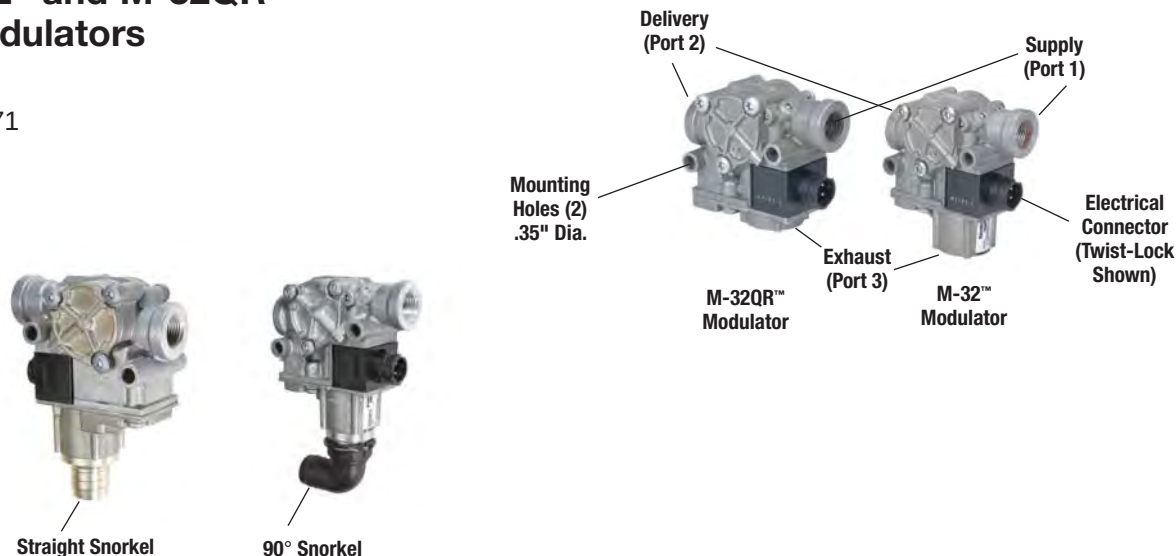
FCS-9700™ Solenoid Valve



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

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

i SD-13-4870



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			
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.	M-30™ Pc. No.	M-32™ Service New Pc. No.
5005894	801481	5009304	801481
5005895	801479	5009305	801583
5006659	801481	5009306	801583
5008951	801481	5009308	801457
5009085	801456	5009309	801457
5009086	801456		

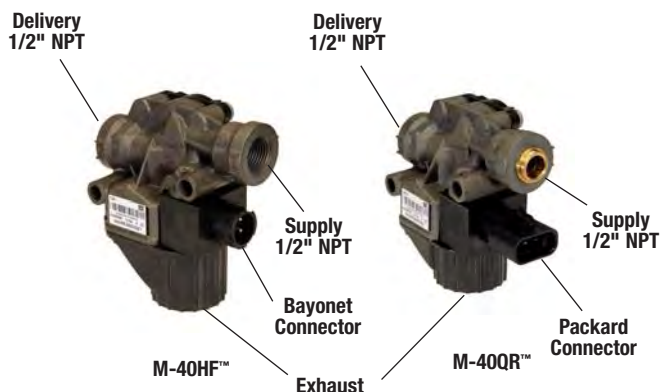


Bendix® M-30™ Modulator
(Superseded by the M-32™ and M-32QR™ modulators)

Bendix® M-40™ AntiLock Modulators

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

i [SD-13-4958](#)

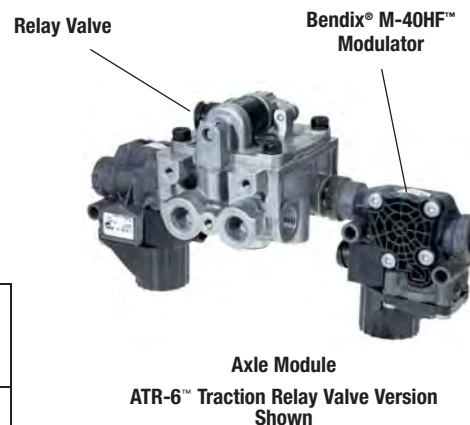


Reman. Exchange Pc. No.	Modulator Type	Exhaust Adapter	Supply Port	Delivery Port	Electrical Connector Type	Supply Voltage
K079666X	M-40HF™	—	1/2" NPT	1/2" NPT	Packard	12V
K079681X		Silencer Adapter			Twist-Lock	
K079665X		—				
K079678X		Silencer Adapter				
K079672X		—				
K079677X		Silencer Adapter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

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				
K034765		803115	R-12® Relay Valve (5.5 psi)	
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

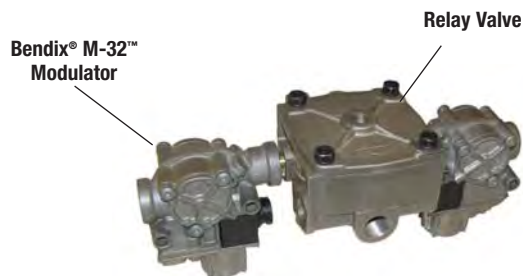


Figure 1
Axle Module
R-12° Relay Valve Version Shown
 (R-14®, ATR-3™ and ATR-6™ are similar)

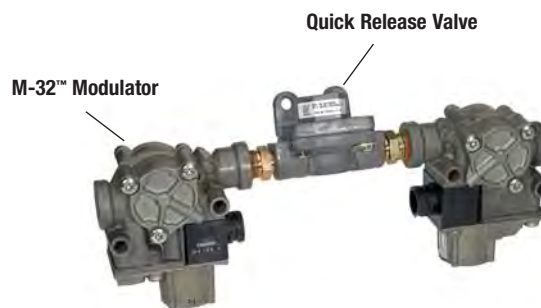
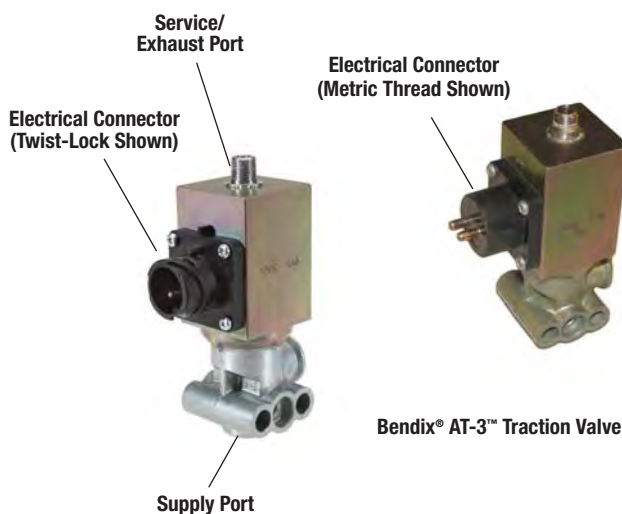


Figure 2
Axle Module
Quick Release Valve Version

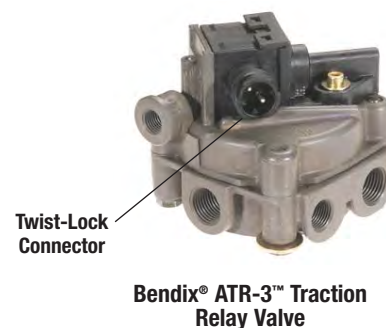
Bendix® AT-3™ Traction Valves

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	—



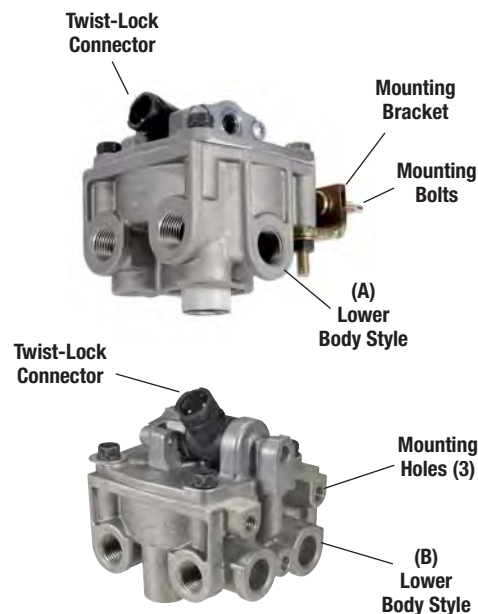
Bendix® ATR-3™ Traction Relay Valve

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	12V	
5014495	—	K070954			
5015755	—	K070954			Kenworth®
K002569	K019736	—	4.0	24V	



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			—		Yes		
5019764	K072293		1/2-14 NPT				A
K040733	K070965		Silencer				
K041063	K070964		—				
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

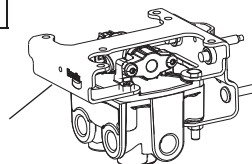
Bendix® ATR-1™ to ATR-6™ Traction Relay Valve Changeover

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

ATR-1™ 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			5/16" x 1.35"			
800818	K072311		5/16" x 1.35"	DTM06-2S-E007	K032115	
5008259			5/16" x 1.35"			
801127	K072318		M8 x .95"			
5009773			M8 x .95"			

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

A Mounting Bracket



ATR-1™ Traction Relay Valve



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**



**Bendix® TABS-6™
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

*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**



**Bendix® TABS-6™
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® 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

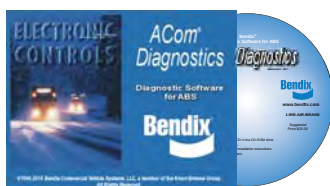
Bendix® EC-80™ ABS, ATC and ESP® Controllers

i SD-13-4983 (ABS and ATC Controllers)

i 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.



YOU DIDN'T HAVE TO SETTLE FOR A KNOCKOFF PART.

You could've used genuine Bendix® parts. When you buy knockoff parts without the genuine Bendix name and logo, you're taking serious risks. And a breakdown like this is far from a worst-case scenario. Genuine Bendix parts are rigorously tested and backed by the best warranties and customer service in the business. Our parts are the industry standard for active safety and braking system technologies. From air compressors to air dryers and valves, from wheel-end solutions to electronics and energy management systems, North America's leading OE manufacturers choose genuine Bendix products. So don't be fooled by risky knockoffs and look-alikes. They can deliver poor performance, lead to breakdowns, and compromise safety. Demand genuine Bendix parts. You can't afford anything less.



1-800-AIR-BRAKE
bendix.com

Bendix® TABS-6™ Trailer ABS Module

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

[SD-13-4767](#)

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	2S/1M	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/1M - Dolly	2S/2M - Side; 4S/2M - Side; 4S/3M - Side/Axle	Yes
K091055	K108565	4.5 psi			



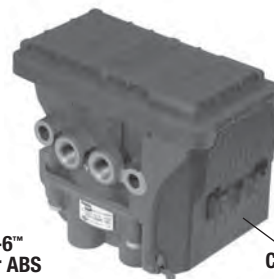
Bendix® TABS-6™ Trailer ABS

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](#)

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 Trailer ABS

Cover Pc. No. 802028

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			4.5 psi
K091056	K112192	No			
K112173	K112193	Yes			



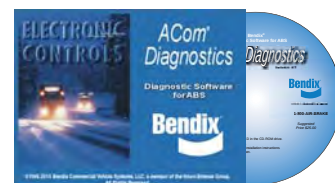
Bendix® BR9235™
ABS Modulator/
Relay Valve

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



Bendix® ACom® Diagnostic Software
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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"	DT04	Utility®
5012266	801549	90°	60"		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



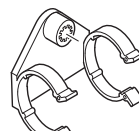
Standard 2-Pin DIN
Barrel Connector

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		60"	Deutsch DTM
5000889	801546			
5005707	801546		Straight	63"
5006663	801567			
5006664	801567			



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



Hose Clip
Pc. No. K044394
(10 pieces)

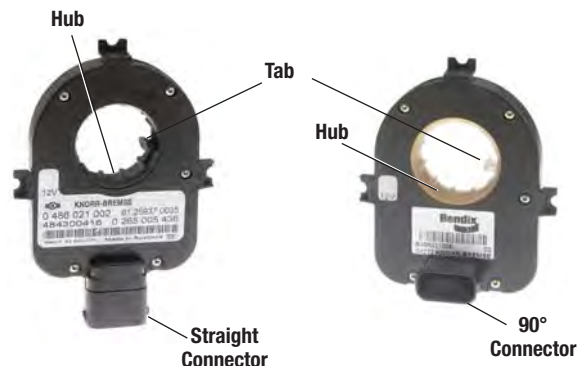


Previous Bendix Wheel Speed Sensors

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

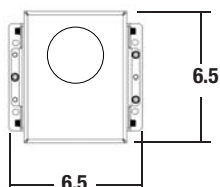
Bendix™ VORAD® VS-400 Forward Looking Radar

[Reference BW2771](#)

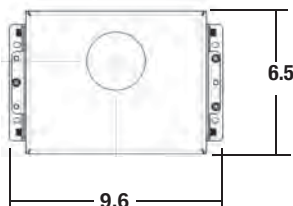


Bendix™ VORAD®
VS-400 Forward
Looking Radar

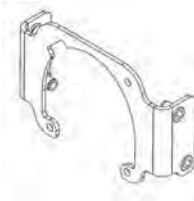
OE Pc. No.	Reman. Exchange Pc. No. (Radar Only)	Replacement Part Functionality			Service Bracket Kit for OEM Installation	Customers
		Collision Warning	Adaptive Cruise Control (Bendix® SmartCruise®)	Range Adjustable		
VSFR-002	K094042X	Yes	—	—	None	Freightliner®
VSFR-002H						International®
VSFR-006					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	
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			K073087
		K065284 or K096579			

*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
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
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

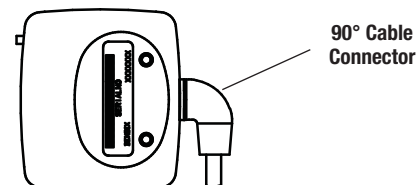
Bendix™ BlindSpotter® Side Speaker

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

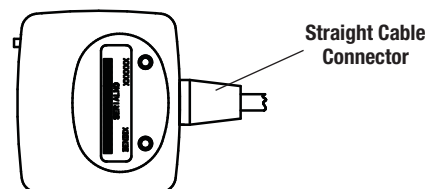


Side Speaker

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



90° Cable Connector



Straight Cable Connector

SmarTire® Tire Pressure Monitoring Systems (TPMS)

• Service Parts and Tools

[BW2799](#)

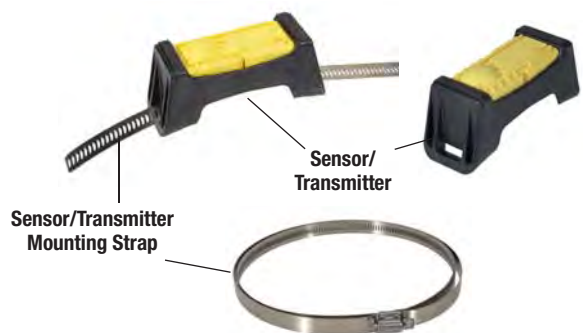
Service Parts

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 K126936	K129560	Sensor/Transmitter Mounting Strap (up to a 22.5" wheel)
264.0332 K120938	K129561	Sensor/Transmitter Mounting Strap (up to a 24.5" wheel)
200.0216 200.0184	200.0224N	Receiver ECU
200.0217 200.0179	200.0217N	Dash Display
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

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



Receiver ECU



Display



TrailerLink ECU Wiring Harness



Antenna



LF Tool



SmarTire Diagnostic Cable



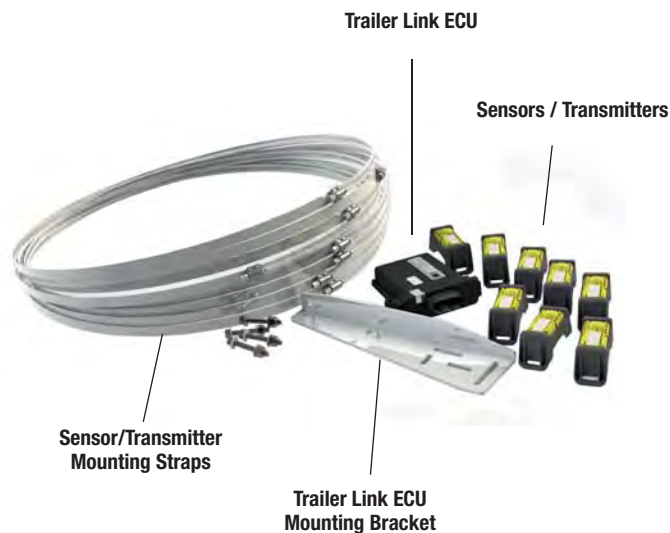
Maintenance Tool

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



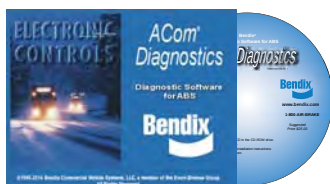
Retrofit Kit Pc. No.	Description
Trailer-Link Kits	
108.1604	2 Axle Trailer with Wide Based Single Tires
108.1408	2 Axle Trailer with Dual Tires



Note: Kits are configured as follows:	
• Cold Inflation Pressure (CIP) 100 psi For All Axles • First Level Alert (FAL) $\pm 15\%$ • 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
K101596N001RDU Adapter
801872RDU Adapter
802229DataLink™
Monitor
K022055Bendix® Wingman® ACB
Alignment Tool
K065284 or
K096579Maintenance Tool
090.0011LF Tool
090.0021Bendix® ACom® Diagnostic Software
visit bendix.comBendix® TRDU
K101597TRDU Adapter
802165Diagnostic Cable - 72"
K044767OBD2 Diagnostic Cable
K098856

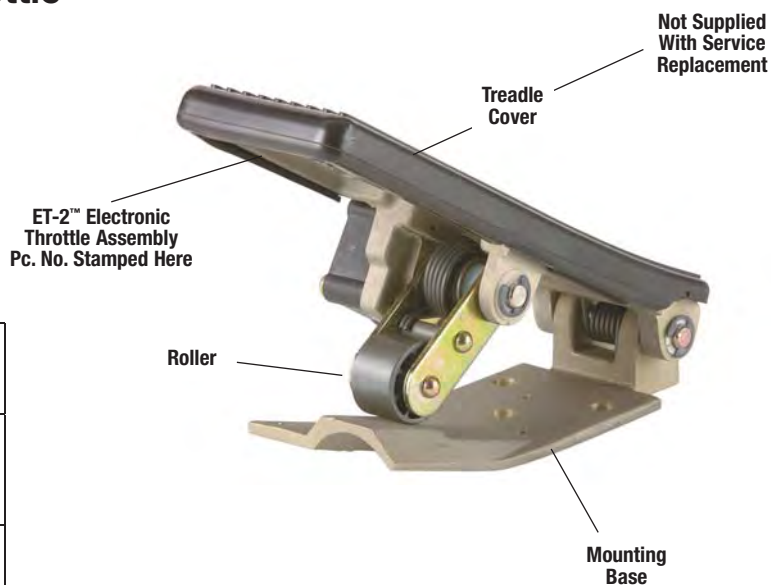
Bendix® ET-2™ Electronic Throttle

- Pivot Pin Kit 550392
- Lever Shaft Spring Kit 550393

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

i [SD-15-4106](#)

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

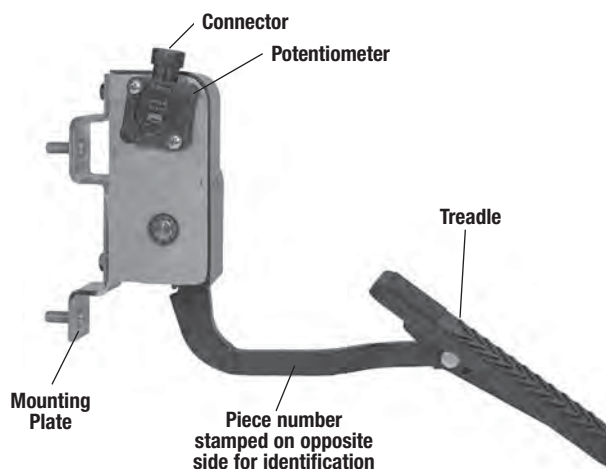


Bendix® ET-S2™ Electronic Treadle

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

i [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.

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- 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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• The Formula Blue Parts Guide

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.

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

Formula Blue Parts Guide online at foundationbrakes.com

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Product Type
Product <Select a Product>

Vehicle Application
Year <Select a Year>
Make <Select a Make>
Model <Select a Model>

SUBMIT

Formula Blue Part Lookup
Enter Formula Blue Part No.

SUBMIT

Competitive Part Cross-Reference Lookup
Enter Competitive Part No.

SUBMIT

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®	Meritor®	Formula Blue®	Meritor®	Formula Blue®	Performance Friction® (PFC)	Formula Blue®
23122527002	E12588006	23123458002	E12684028	23123572004	E12688020	278.050.01	E12567102
23122687002	E12685013	23123461002	E12584031	23123573002	E12688021	287.056.01	E12566078
23122688002	E12685009	23123468002	E12587006	23123573004	E12688021	301.052.01	E12567103
23122691	E12584019	23123485002	E12685006	23123574004	E12585020	305.045.01	E12566077
23122691002	E12584019	23123486002	E12685013	23123617004	E12580010	318.094.01	E12570017
23122693002	E12585007	23123489002	E12685017	23123618007	E15680008	342.055.01	E12568066
23122701002	E12588007	23123494002	E12587007	23123624007	E12580009	348.067.01	E12568070
23122703002	E12584021	23123495002	E12685016	23123625002	E12580006	381.081.20	E12588019
23122729002	E12685006	23123498002	E12684030	23123626002	E12580007	381.082.20	E12588019
23122729098	E12685006	23123527002	E12684029	23123642002	E12591006	381.089.20	E12588021
23122743002	E12684022	23123528002	E12584032	23123647002	E12591007	381.089.30	E12588015
23122897002	E12688018	23123530002	E12584031	23123648002	E12688021	381.113.20	E12588018
23122920002	E12688011	23123532002	E12585021	23123649002	E12688018	381.181.20	E12588008
23122945002	E12588012	23123547002	E12591018	23123664002	E12688019	381.181.30	E12588006
23122962002	E12688013	23123550002	E12688019	23123699008	E12688019	390.048.20	E12588025
23123041002	E12685014	23123550004	E12688019	23123700002	E12684020	390.086.20	E12585019
23123046002	E12585015	23123552002	E12688018	23123701008	E12688018	390.193.20	E12585020
23123296002	E12685016	23123552004	E12688018	23123730008	E12688021		
23123341002	E12584025	23123557002	E12685019	23123550009	E12688019		
23123434002	E12585006	23123557004	E12685019	23123552009	E12688018		
23123439002	E12684027	23123557009	E12685019	23123557009	E12688019		
23123440002	E12685017	23123572002	E12688020	23123572009	E12688020		
23123443002	E12684020	23123572004	E12688015	23123573009	E12688021		



Caliper Cross Reference

Meritor®	Formula Blue®	Meritor®	Formula Blue®	Meritor®	Formula Blue®	Meritor®	Formula Blue®
60050150XL	E14784106	60450474	E14684017	60450481004	E14684015	R42R55849	E146880081
60450394	E14684106	60450474001	E14684015	60450483	E14684012	R42R55717	E146750071
60450468	E14684012	60450474001	E14684017	60460473005	E14684016	R42R55252	E146840061
60450468002	E14684012	60450474004	E14684015	R4212277X	E14681011	E-11117GX	E14684016
60450468005	E14684012	60450474004	E14684017	R4212278X	E14681010	E-11734X	E14684012
60450469	E14684013	60450474005	E14684015	E-11117X	E146840161	E-11733X	E14684013
60450469002	E14684013	60450474005	E14684017	E-4238X	E146850081	E-13205X	E14688017
60450469005	E14684013	60450475	E14684106	E-4245X	E146840061	E-13707X	E14688014
60450473	E14684014	60450475001	E14684106	E-4237X	E146750061	E11756X	E14688010
60450473	E14684014	60450476	E14688016	E-11756X	E146880101	E-11750X	E14688008
60450473001	E14684014	60450477	E14688017	E-11750X	E146880081	E-4238GX	E14685008
60450473001	E14684014	60450478	E14688015	E-12067X	E146850141		
60450473004	E14684014	60450478007	E14688015	R42R55250	E146850081		
60450473004	E14684016	60450479	E14688014	R42R55251	E146841061		
60450473005	E14684014	60450480	E14684016	R42R55850	E146880101		
60450474	E14684015	60450481	E14684017	R42R55314	E146750061		



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.



Left Cam
Rotation CCW



Right Cam
Rotation CW

OE Pc. No.
Stamped Here for
Identification

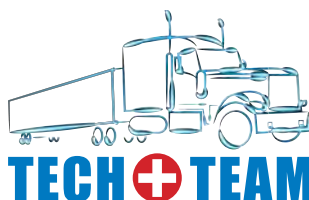
 10 Tooth Cams RSD Precision Head					 28 Tooth Cams RSD Precision Head Cams				
OE CCW Pc. No.	AM CCW Pc. No.	OE CW Pc. No.	AM CW Pc. No.	Cam Shaft Length	OE CCW Pc. No.	AM CCW Pc. No.	OE CW Pc. No.	AM CW Pc. No.	Cam Shaft Length
K044836	K067736	K044837	K067737	8.7490	K117544	K117544N	K117545	K117545N	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
16 1/2" by 5"	Volvo/Mack (early)	BX380	K051424	SB4719E2920	4719E2920	KT4719E2920	EX4719E2920	KT4719E2BA202R
16 1/2" by 5"	Volvo/Mack (current)	BX920	K082060	SB4719E2920	4719E2920	KT4719E2920	EX4719E2920	KT4719E2BA202R
16 1/2" by 5"	Freightliner®, International®, Kenworth®, Peterbilt®	BX950	K046188	SB4719E2950	4719E2950	KT4719E2950	EX4719E2950	KT4719E2BA202R
<i>For applications requiring two return springs, add HC suffix to these part numbers.</i>								
16 1/2" by 6"	Mack, Volvo	BX380	K051421	SB4725E2380	4725E2380	KT4725E2380	EX4725E2380	N/A
16 1/2" by 6"	Freightliner, International, Kenworth, Peterbilt	BX950	K046184	SB4725E2950	4725E2950	KT4725E2950	EX4725E2950	N/A
Drive Axle								
16 1/2" by 7"	Volvo (current)	BX415	K072338	SB4709E2415	4709E2415	KT4709E2415	EX4709E2415	KT4709E2BA202R
16 1/2" by 7"	Freightliner, International, Kenworth, Peterbilt, Volvo/Mack (early)	ES420	819774	SB4709E2420	4709E2420	KT4709E2420	EX4709E2420	KT4709E2BA202R
16 1/2" by 7"	Freightliner, International, Kenworth, Mack, Peterbilt, Volvo	ES1180	K038992	SB4079E21180	4709E21180	KT4709E21180	EX4709E21180	KT4709E2BA232R
16 1/2" by 8 5/8"	Volvo/Mack (current)	BX415	K078181	SB4726E2415	4726E2415	KT4726E2415	EX4726E2415	KT4726E2BA202R
16 1/2" by 8 5/8"	Freightliner, International, Kenworth, Peterbilt, Volvo/Mack (early)	ES420	819784	SB4726E2420	4726E2420	KT4726E2420	EX4726E2420	KT4726E2BA202R
16 1/2" by 8 5/8"	Freightliner, International, Kenworth, Mack, Peterbilt, Volvo	ES1180	K061952	SB4726E21180	4726E21180	KT4726E21180	EX4726E21180	KT4726E2BA232R

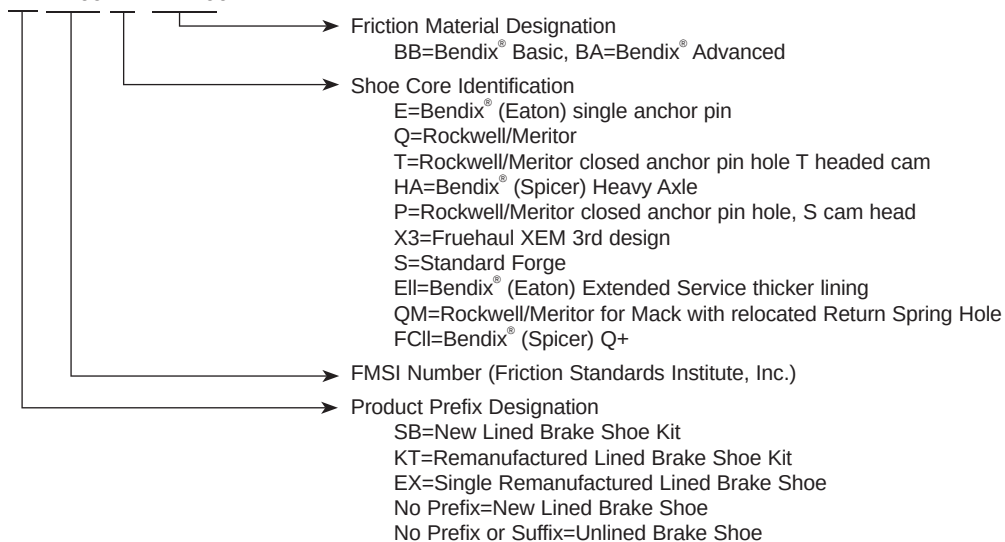
Note 1: Kit: Two shoes and hardware (one wheel-end).

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



Typical Brake Lining Applications Chart

(Drive and Trailer Axle)

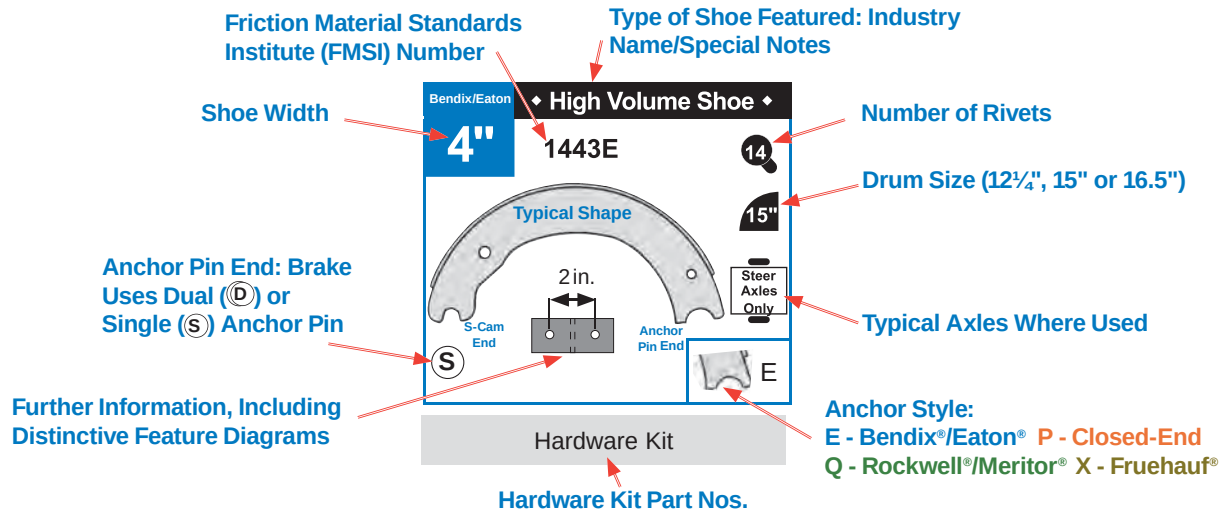
Application	Bendix® Basic		Bendix® Advanced									Bendix® OE					
	20,000 Lbs.	23,000 Lbs.	20,000 Lbs.				23,000 Lbs.					14,600 Lbs.	20,000 Lbs.	23,000 Lbs.			
	Economy (BB200)	Economy (BB230)	Standard (BA200)	Premium (BA201)	Premium Line Haul (BA203)	RSD Phase I Compliant (BA202R) (Drive/Steer)	Standard (BA230)	Premium (BA231)	¹Severe Service (BA233)	³RSD Phase II Compliant	³RSD Phase I Compliant (Steer)	RSD Phase I Compliant (Drive)	Drive (ES600)	Combo-block (ES1160)	Metallic (ES1100)		
										Drive - (BA232R)	Steer - (BA202R)	²Volvo/Mack (BX920)	All Others (BX950)				
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	-	-	-	✓	-	-	✓	✓	-	-	-	-	-	✓	✓	-	-

¹BA232 is superseded by BA233

²BX380 is superseded by BX920

³Phase I & Phase II applications - All tractors—vehicles that contain a 5th wheel—must be RSD compliant.

Brake Shoe Identification



Bendix®/Eaton®

High Volume Shoe

4" 1443E

14

15"

2 in.

Steer Axles Only

S

E

HK54

Bendix®/Eaton®

4" 1308E

14

15"

2 3/4 in.

Steer Axles Only

S

The rivets are closer to the edge than 1443E.

E

HK54

Bendix/Eaton

4" 4729E2

16

15"

A pressed-in pin must be present. Dual web.

S

E

HK97XLS

Circular Cam-End Style

4" 1308P

14

15"

Steer Axles Only

D

Circular cam-end style. Single web.

P

HK51

Rockwell®/Meritor®

4" 1308Q

14

15"

Steer Axles Only

D

Single web.

Q

HK55

Rockwell/Meritor

4" 4702Q

16

15"

Steer Axles Only

D

Dual web.

Q

HK29SB/HK29XLS

Bendix/Eaton

5" 4223E

20

16 1/2"

Steer & Trailer Axles

S

The rails narrow. A welded pin must be present.

E

HK24XLSTM

Bendix/Eaton

5" 4719E2

16

16 1/2"

Steer & Trailer Axles

S

A pressed-in pin must be present.

E

HK61XLS/HK62/HK62XLS

Rockwell/Meritor

5" 4703Q

16

15"

Steer & Trailer Axles

D

Non-typical drum size.

Q

HK29XLS

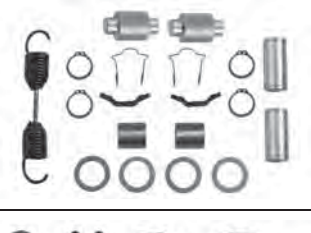
Brake Shoe Identification

Rockwell/Meritor 5" 4720Q Compare rivet locations with 4524Q and 4524QM. HK74SB/HK74XLS	Rockwell/Meritor 5" 4524Q Very similar to 4524QM, but the spring hole is further from the table. HK29XLS	Rockwell/Meritor 5" 4524QM Very similar to 4524Q, but the spring hole is closer to the table. HK81XLS	
Bendix/Eaton 6" 4317E HK24XLSHM	Bendix/Eaton 6" 4725E2 HK61XLS / HK62/HK62XLS	Rockwell/Meritor 6" 4715Q HK29XLS / HK74XLS	Rockwell/Meritor 6" 4514Q HK80XLS
Circular Cam-End Style 7" 4515P HK16XLS	Bendix/Eaton 7" 4311E HK24XLSLM	Bendix/Eaton 7" 4709E (UNIVERSAL) HK63 / HK63XLS	Bendix/Eaton ♦ High Volume Shoe ♦ 7" 4709E2 HK61XLS/HK62SD / HK62XLS
Bendix/Eaton 7" 4709E HK63SD / HK63XLS	Rockwell/Meritor ♦ High Volume Shoe ♦ 7" 4707Q HK29SB / HK29XLS / HK29XLSMB	Rockwell/Meritor ♦ High Volume Shoe ♦ 7" 4515Q HK29XLS/HK29XLSMB / HK75SD	Fruehauf ♦ High Volume Shoe ♦ 7" 4515X3 HK34SD / HK34XLS

Brake Shoe Identification

Rockwell/Meritor 7" 4708Q 28 Drive & Trailer Axles (D) HK67XLS	Bendix/Eaton 7 1/2" 4692FC2 20 Drive & Trailer Axles (D) HK49-150	Bendix/Eaton 8" 47X8 32 Drive & Trailer Axles (S) HK61XLS	Rockwell/Meritor 8" 4718Q 32 Drive & Trailer Axles (D) HK29XLS
Circular Cam-End Style 8 5/8" 4551P 32 Drive & Trailer Axles (D) Circular cam-end style. Only centered webs are acceptable. HK14SD/HK14XLS/HK16	Bendix/Eaton 8 5/8" 4726E2 32 Drive & Trailer Axles (S) HK61/HK61XLS	Bendix/Eaton 8 5/8" 4717E2 32 Steer Axles Only (S) HK91XLS	Bendix/Eaton 8 5/8" 4674E 20 Drive & Trailer Axles (S) HK24XLSLM
Rockwell/Meritor 8 5/8" 4551Q 32 Drive & Trailer Axles (D) Only centered webs are acceptable. HK29/HK29XLS	Rockwell/Meritor 8 5/8" 4710Q 32 Drive & Trailer Axles (D) HK29XLS	Rockwell/Meritor 8 5/8" 4711Q 28 Drive & Trailer Axles (D) HK29XLS	

Brake Shoe Hardware Kits

Hardware Kit Bendix Pc. No.	Hardware Kit Contents
HK14SD	
HK14XLS	
HK16	
HK16XLS	
HK24XLSTM	
HK24XLSLM	

Hardware Kit Bendix Pc. No.	Hardware Kit Contents
HK29	
HK29SB	
HK29SD	
HK29XLS	
HK29XLSTM	
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	

Bendix Online Brake School



When You Want It. Where You Need It. www.brake-school.com

The Bendix Online Brake School is your complete resource for web-based technical training, straight from the experts. Keep your skills sharp with a comprehensive menu of ever-evolving instructional videos and interactive modules.

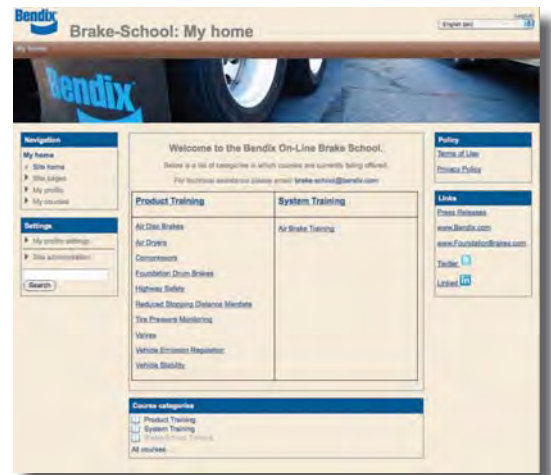
Home to e-training on a full range of Bendix products and industry hot topics, www.brake-school.com offers courses on:

- Air Dryers and Compressors
- Valves
- Disc and Drum Brakes
- Vehicle Stability
- Electronics
- Air Brake System training and more!

Visit www.brake-school.com, register for your secure account and take the course(s) that you need. Each course is accompanied by a brief quiz to test your knowledge.

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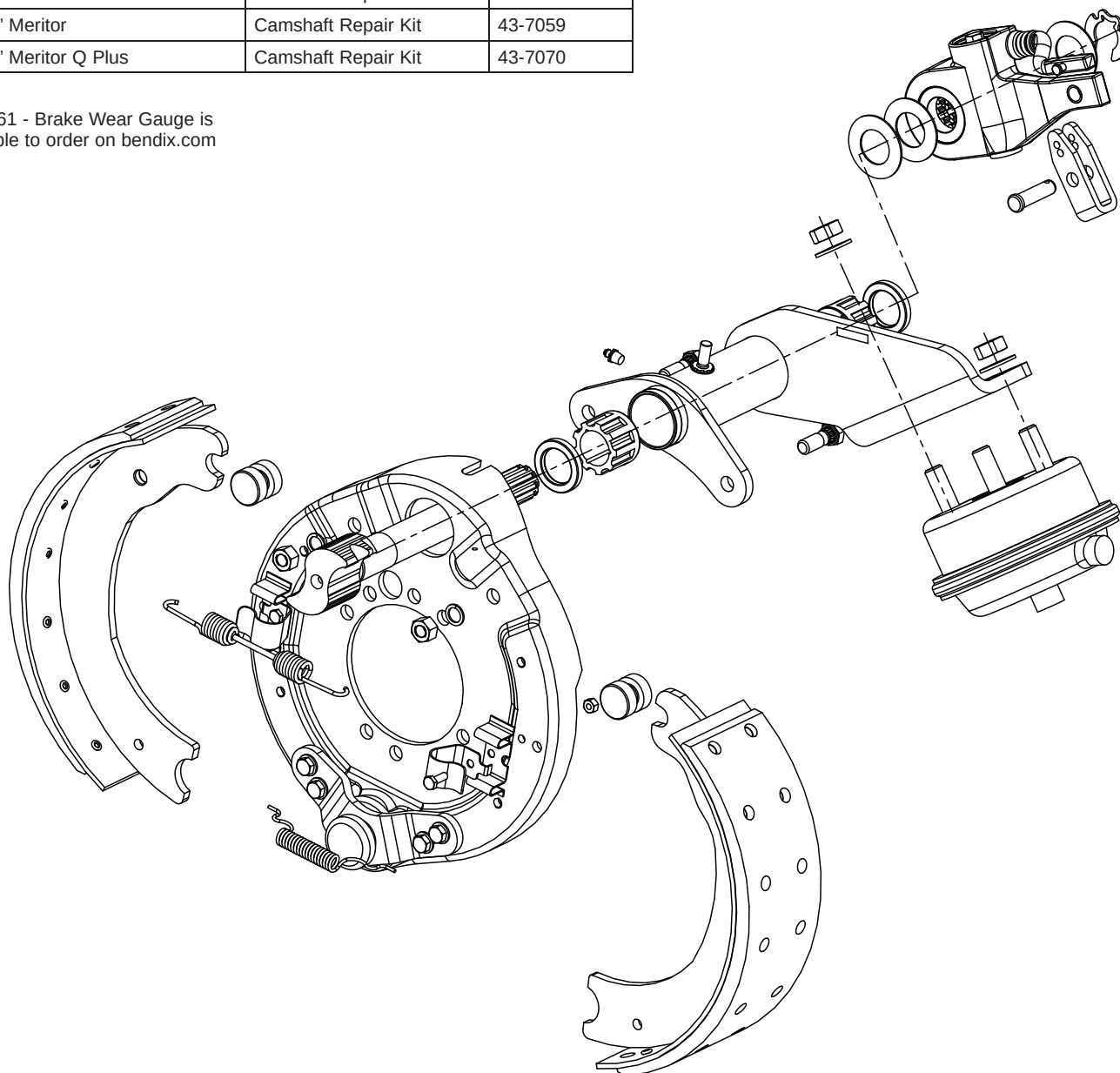
The ACOM, AD-2, AD-4, AD-9, AD-9si, ADB225, ADB22X, ADB22X-V, AD-IP, AD-IS, AD-SP, AF-3, ALWAYS ALERT, ASA-5, AT-3, AT-30, AT-6, ATR-1, ATR-3, ATR-6, AUTOBRAKE, AUTOVIEW, BA-921, BA-922, BACKSPOTTER, BASIC, BENDIX, BENDIX DESIGN, BLINDSPOTTER, BLUECHROME, BP-1, BP-R1, BR9235, BVA-85, BX-2150, BW IN A DIAMOND, BX DESIGN, C-1, C-3, C-5, C-6, CORELESS, D-2, D-2A, DATALINK, DC-1, DC-2, DC-3, DC-4, DD2, DD3, DRM, DS-1, DS-2, DURADRAIN, DURAFLO 596, DV-2, DYNAMARK DESIGN, E-10PR, E-10P, E-10R, E-12, E-14, E-15, E-2, E-3, E-6, E-7, E-8P, EC-16, EC-17, EC-30, EC-60, EC-80, ECUTALK, ES BRAKES, ESP, ESR, ES, ET-2, ET-S2, EVERFLOW, E-Z-GRIP, FLEX, FLR-10, FLR-20, FORMULA BLUE, HR-1, KNORR-BREMSE, LMS, LP-2, LP-3, LQ-1, LQ-2, LQ-4, LQ-5, M-30, M-32QR, M-32, MC-30, MV-2, MV-3, PAVE, PBS, PP-1, PP-2, PP-3, PP-5, PP-7, PP-8, PP-DC, PS-60, PR-2, PR-3, PR-4, PURAGUARD, QR-1, QR-1C, QRD-2, QR-L, QRN-2, QRN, QUADVISION, R-12, R-12DC, R-12P, R-14, R-1, R-1C, R-5, R-6, R-7, R-8P, R-8, RD-3, RE-6, RE-6NC, RSP, RV-1, RV-3, SAS-60, SafetyDirect, SB-4, SB-7, SC-1, SC-2, SC-3, SC-PR, SD3, SDS-9600, SK-7, SL-3, SL-4, SL-5, SMART ATC, SMARTCRUISE, SMARTIRE, SMARTWAVE, SN-7, SPICER, SPLINEDISC, SR-1, SR-2, SR-4, SR-5, SR-7, SRC-7000, ST-3, ST-4, SURESTROKE, SV-1, SV-4, SYSTEM-GUARD, TABS-6, TC-2, TC-4, TC-6, TC-7, TCS-9000, TE-1, TH-3, TP-3, TP-3DC, TP-4, TP-5, TR-1, TR-2, TR-3, TR-4, TR-5, TRSP, TRUCK PRODUCTS DESIGN, TU-FLO, TW-11, TW-1, TW-2, TW-3, TW-4, TW-5, VORAD, WINGMAN, WS-20, WS-24, XVISION, YAS-60 and YAS-70X trademarks are licensed to or owned by Bendix Commercial Vehicle Systems LLC.

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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

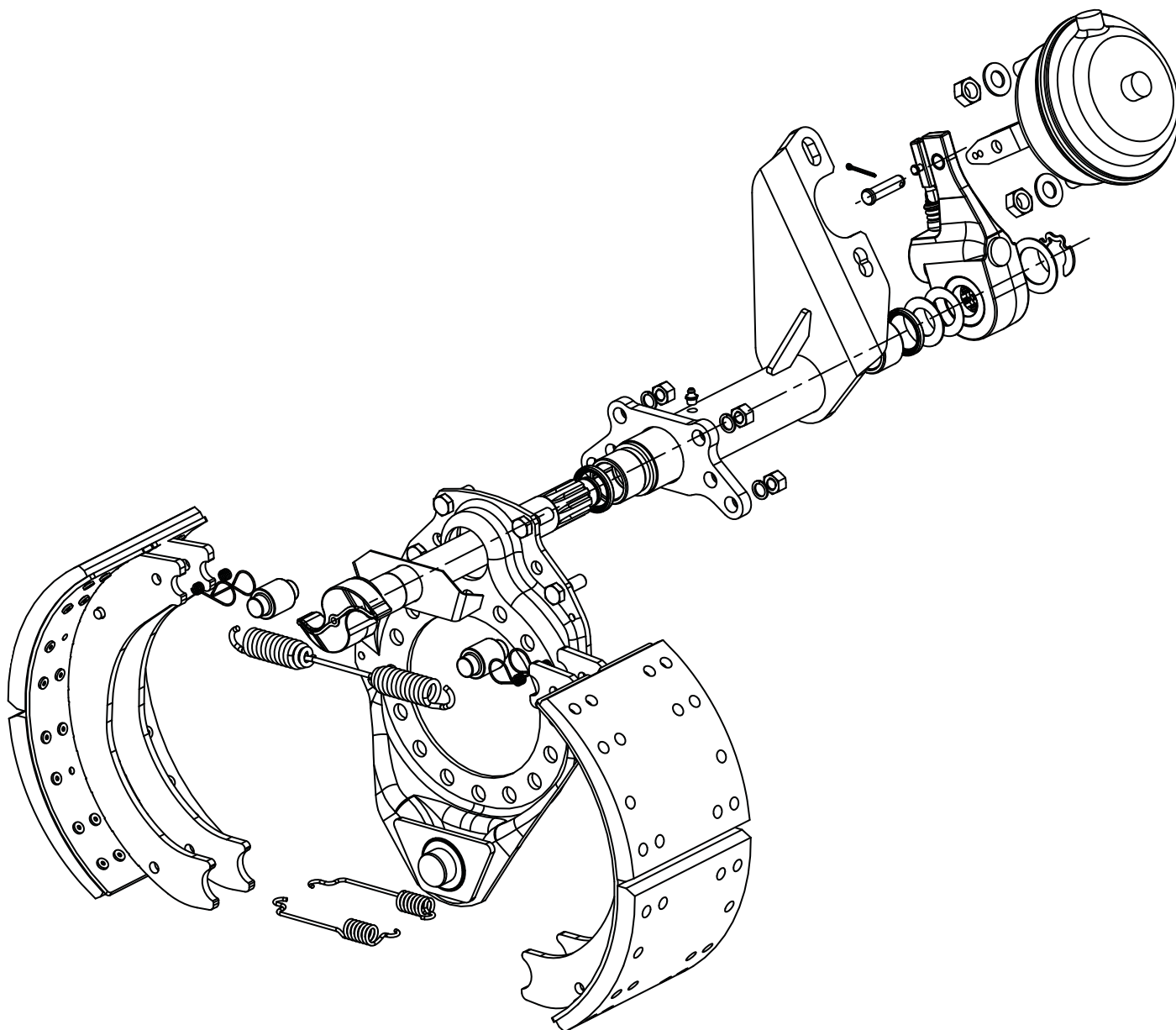
BW7261 - Brake Wear Gauge is available to order on bendix.com



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

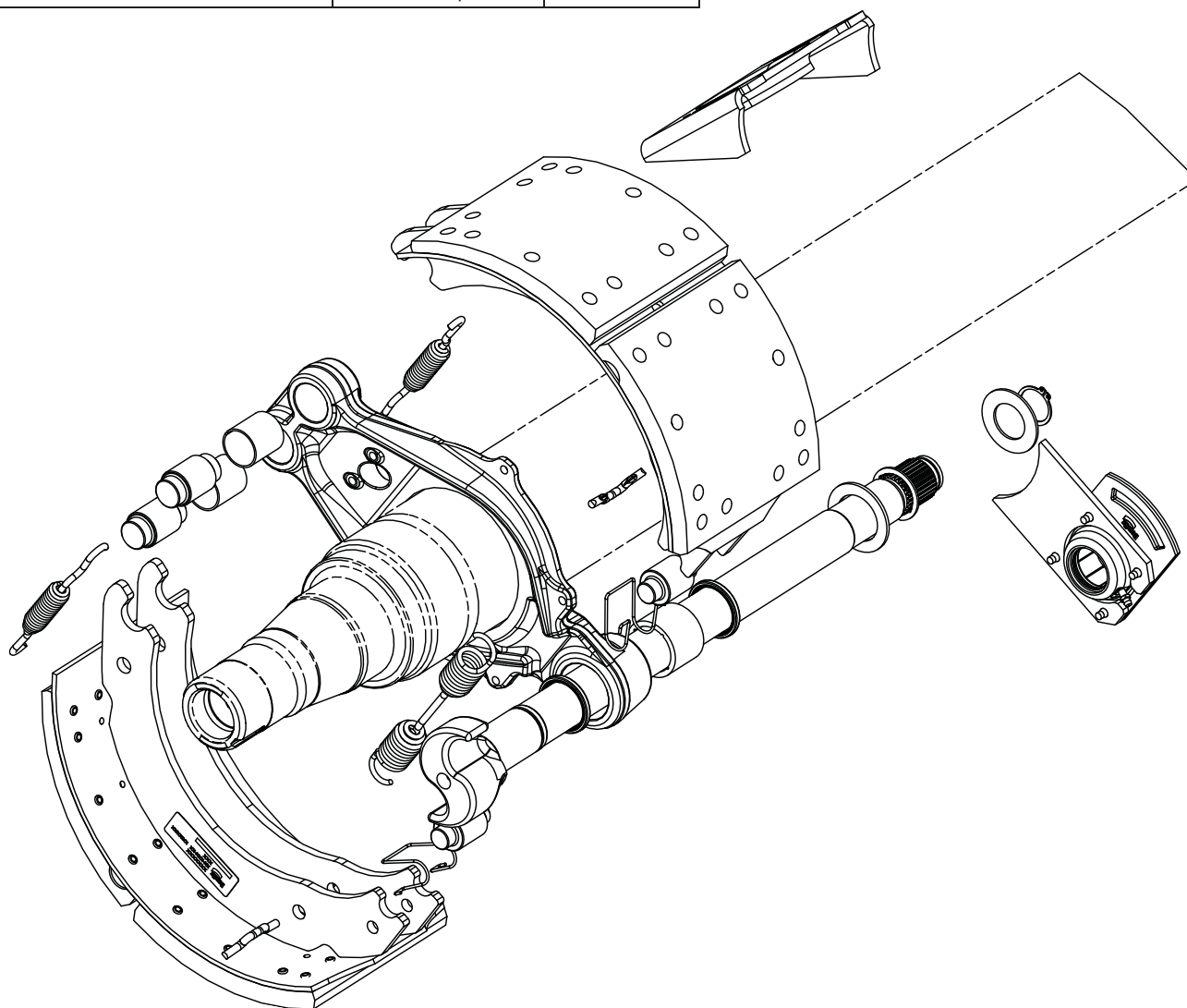
Application	Description	Piece Number
16.5" Dia. Bendix®	Brake Hardware Kit	HK24XLSHM
16.5" Dia. Bendix Extended Service	Brake Hardware Kit	HK61XLS
16.5" Dia. Meritor®	Brake Hardware Kit	HK29XLS
16.5" Dia. Meritor Q Plus	Brake Hardware Kit	HK29XLS
16.5" Dia. Bendix Extended Service	Camshaft Repair Kit	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.

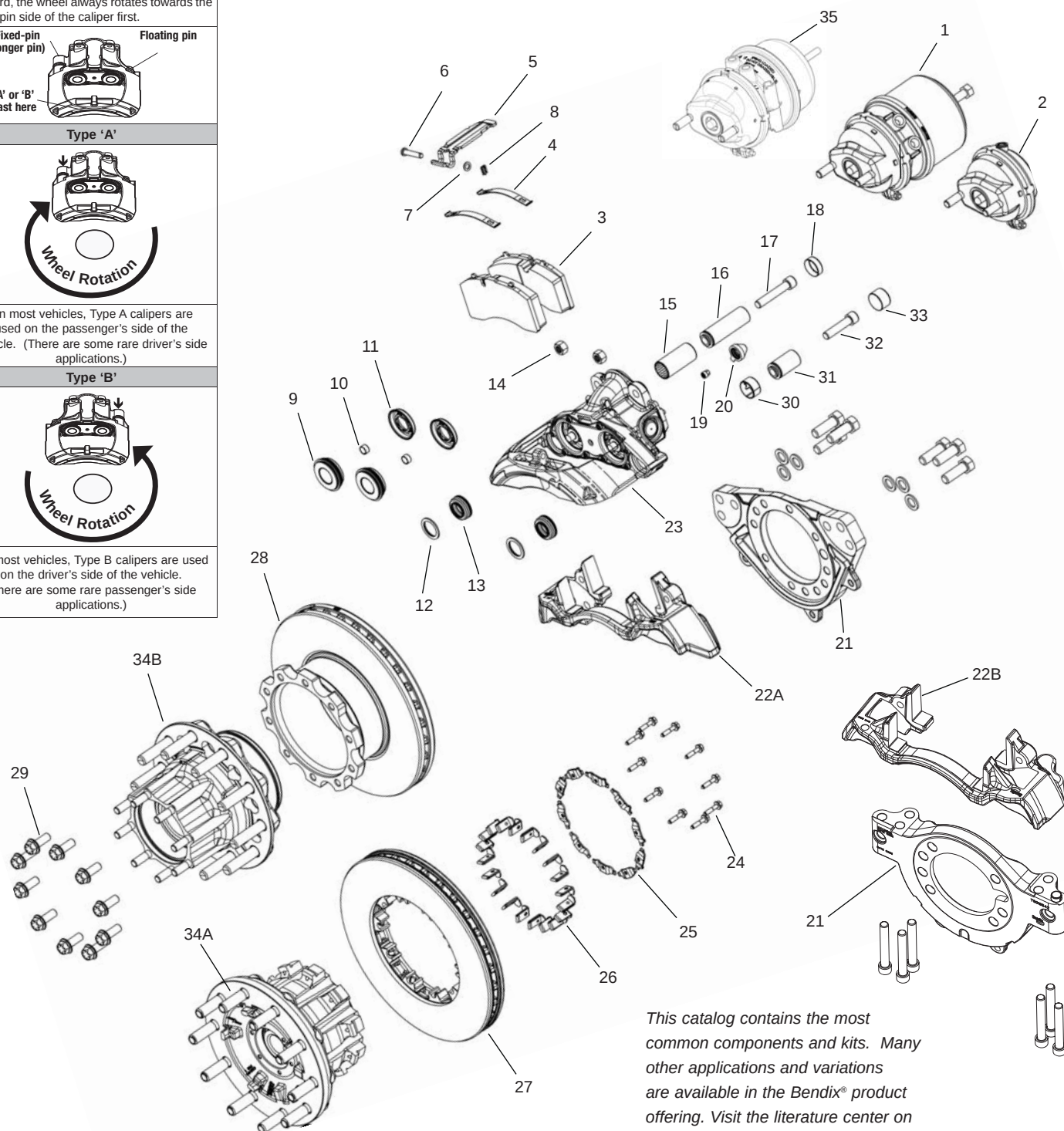
Bendix® ADB22X™ Air Disc Brake

i 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.

Fixed-pin (longer pin) Floating pin 'A' or 'B' cast here
Type 'A' Wheel Rotation
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' Wheel Rotation
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.

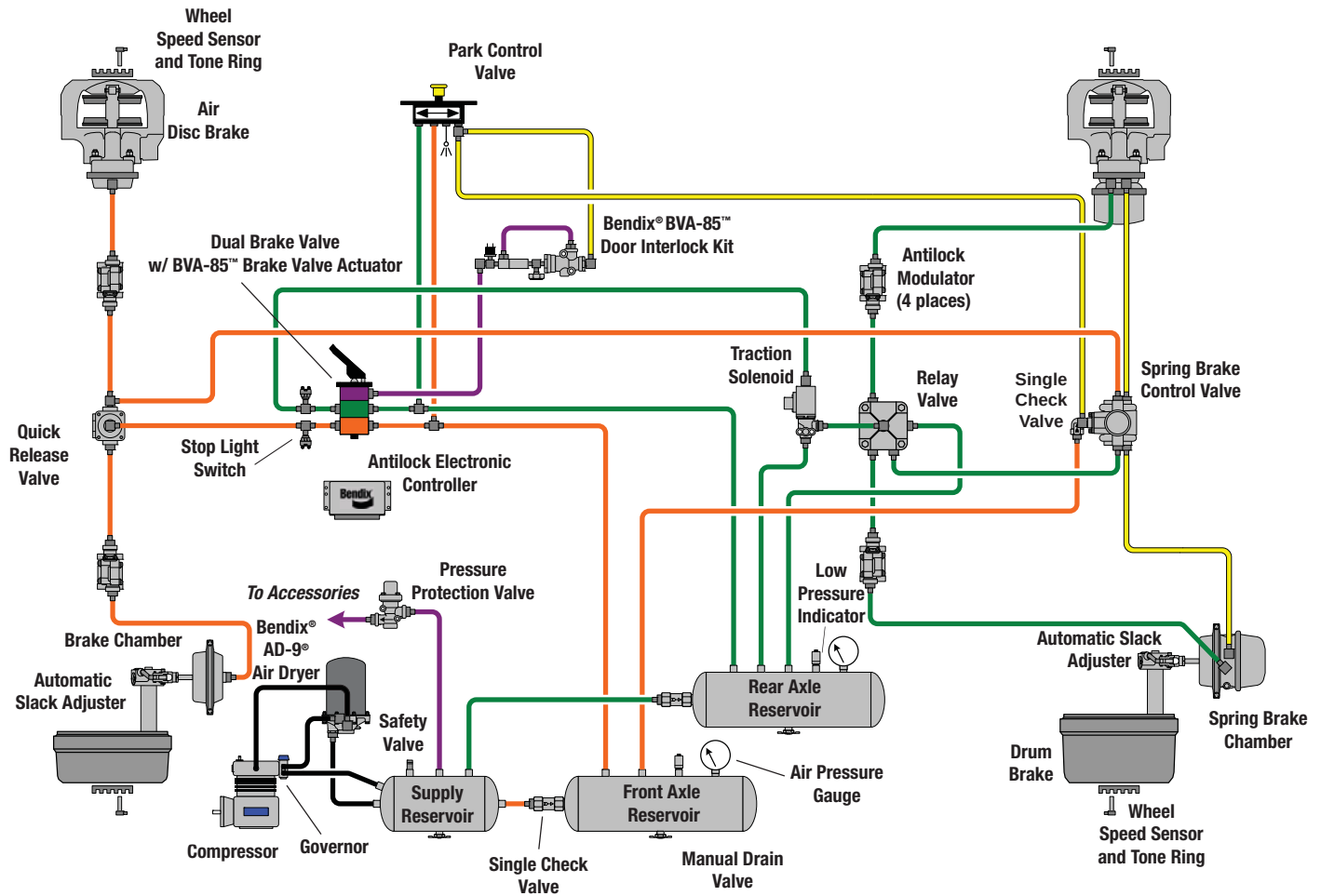
Kit	Piece Number	Air Disc Brake					Components Included in Kit
		North American Truck, Trailer & Refuse	Specialty Applications	Transit / Severe Duty			
				ADB22X™	ADB22S™	SB-7™	
Pad Kit (axle set)	802593		✓				(3, 4, 5, 6, 7, 8, 19, 20)
	K070796	✓				✓	(3, 4, 5, 6, 7, 8, 19, 20)
	K109249			✓	✓		(3, 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			✓		
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™	
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™	
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

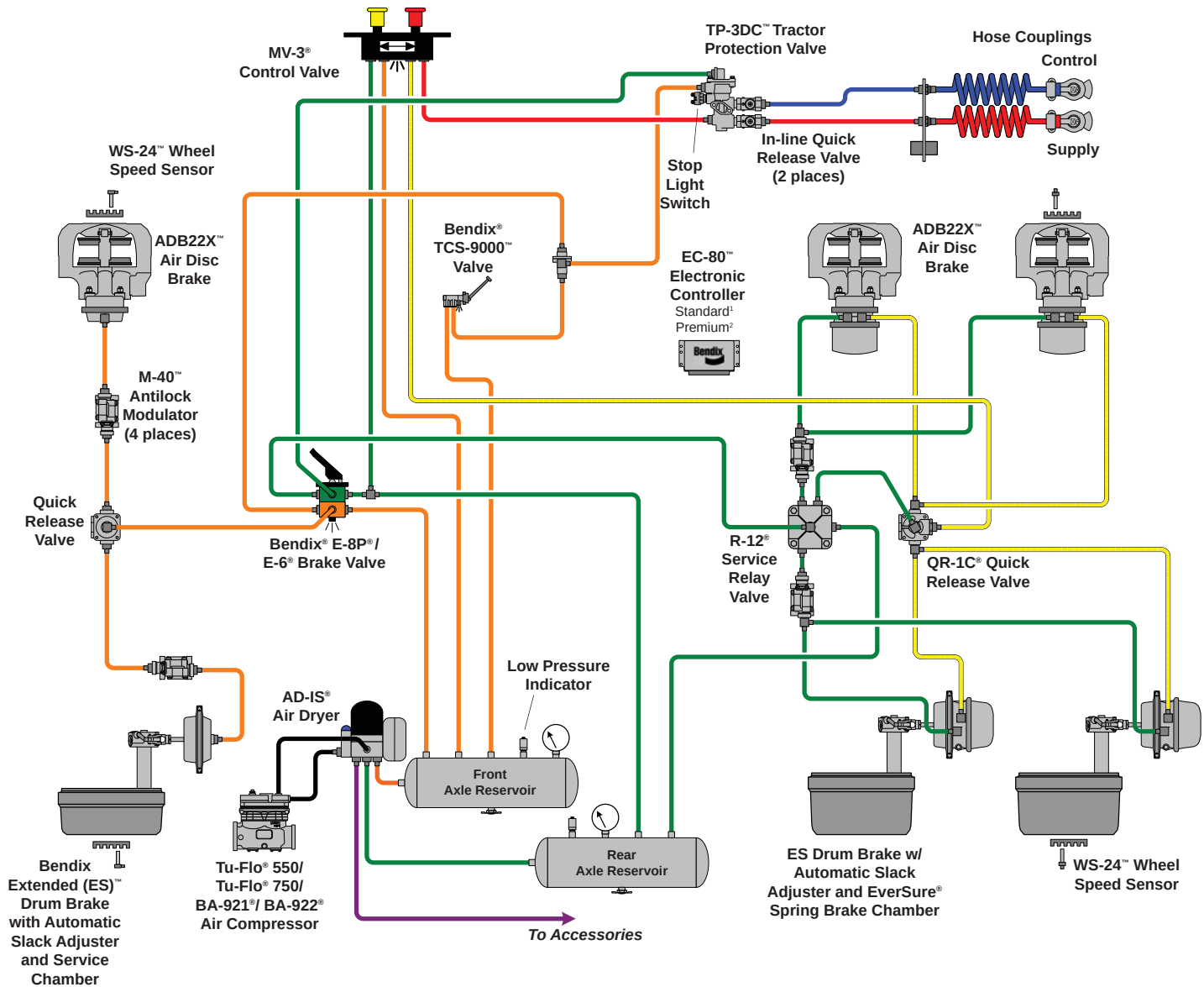


Notes:

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.

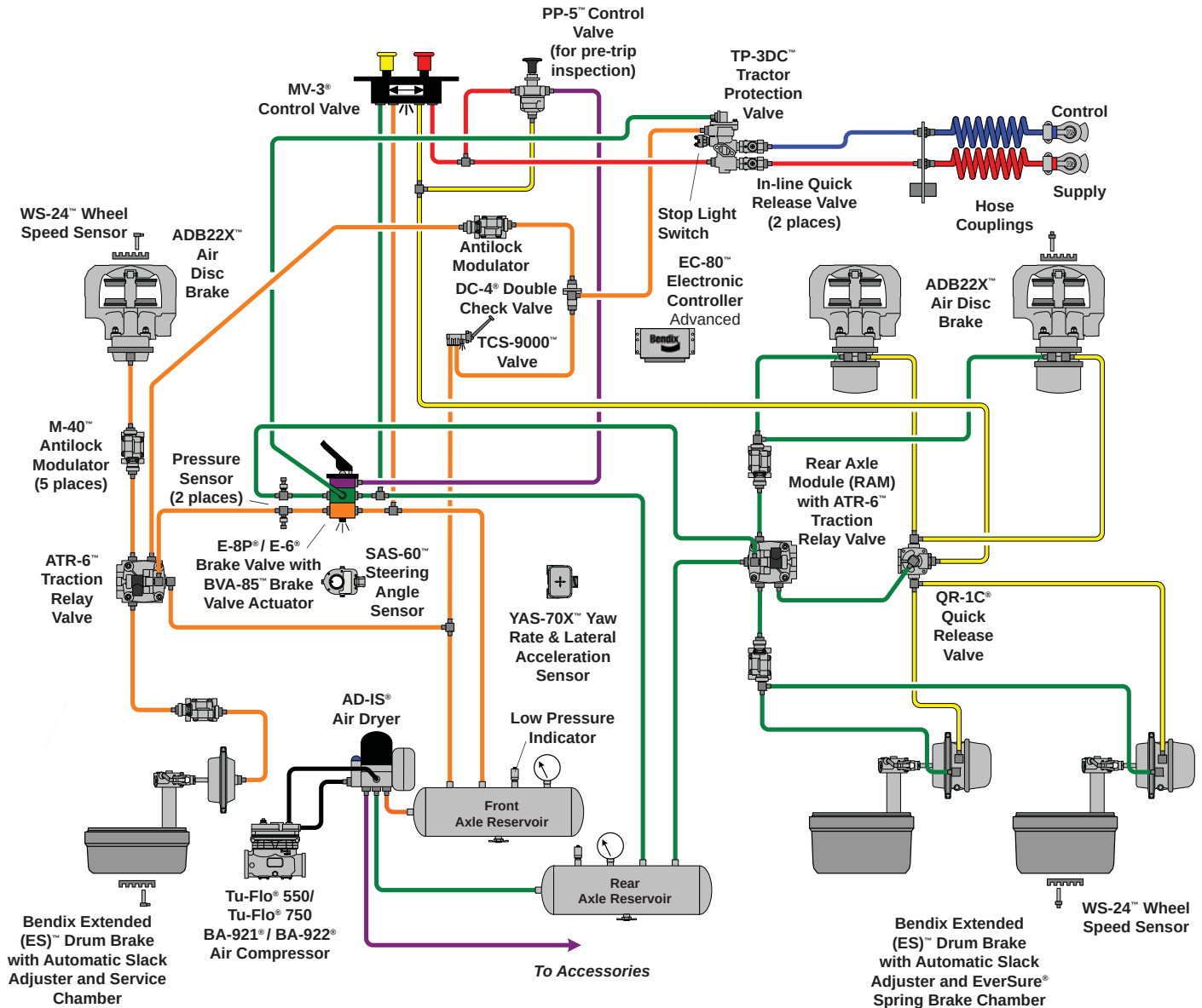
¹ Equipped with standard Bendix® ABS Antilock Brake System

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

TRUCKS AND TRUCK TRACTORS:

Charging	Primary	Secondary	Park (Supply)	Parking (Control)	Accessories
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Typical Tractor System Schematic with Bendix® ESP® Full Stability



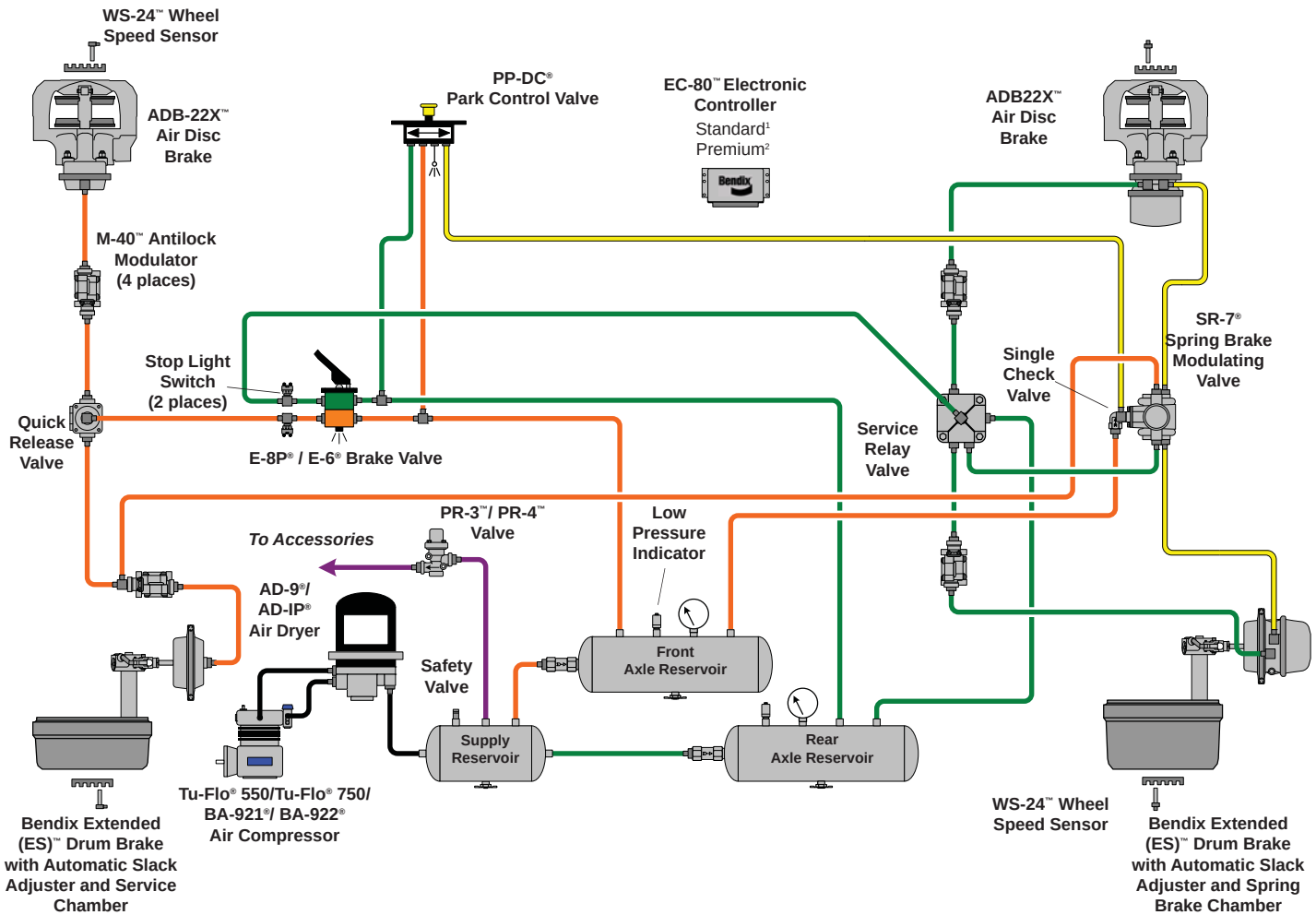
Notes:

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
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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.

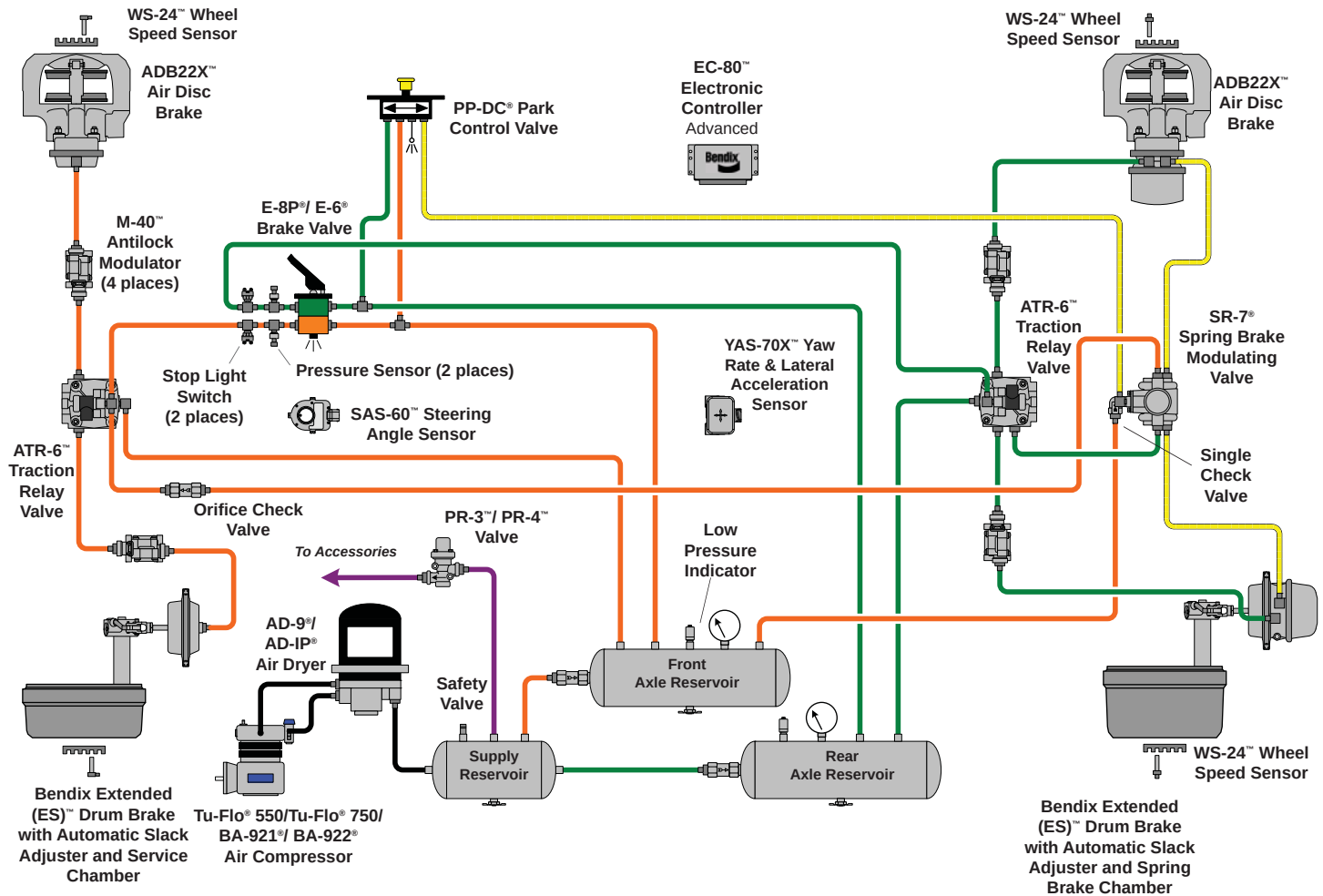
¹ Equipped with standard Bendix® ABS Antilock Brake System

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

TRUCKS AND TRUCK TRACTORS:

 Charging	 Primary	 Secondary	 Park (Supply)	 Parking (Control)	 Accessories
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Typical Truck System Schematic with Bendix® ESP® Full Stability

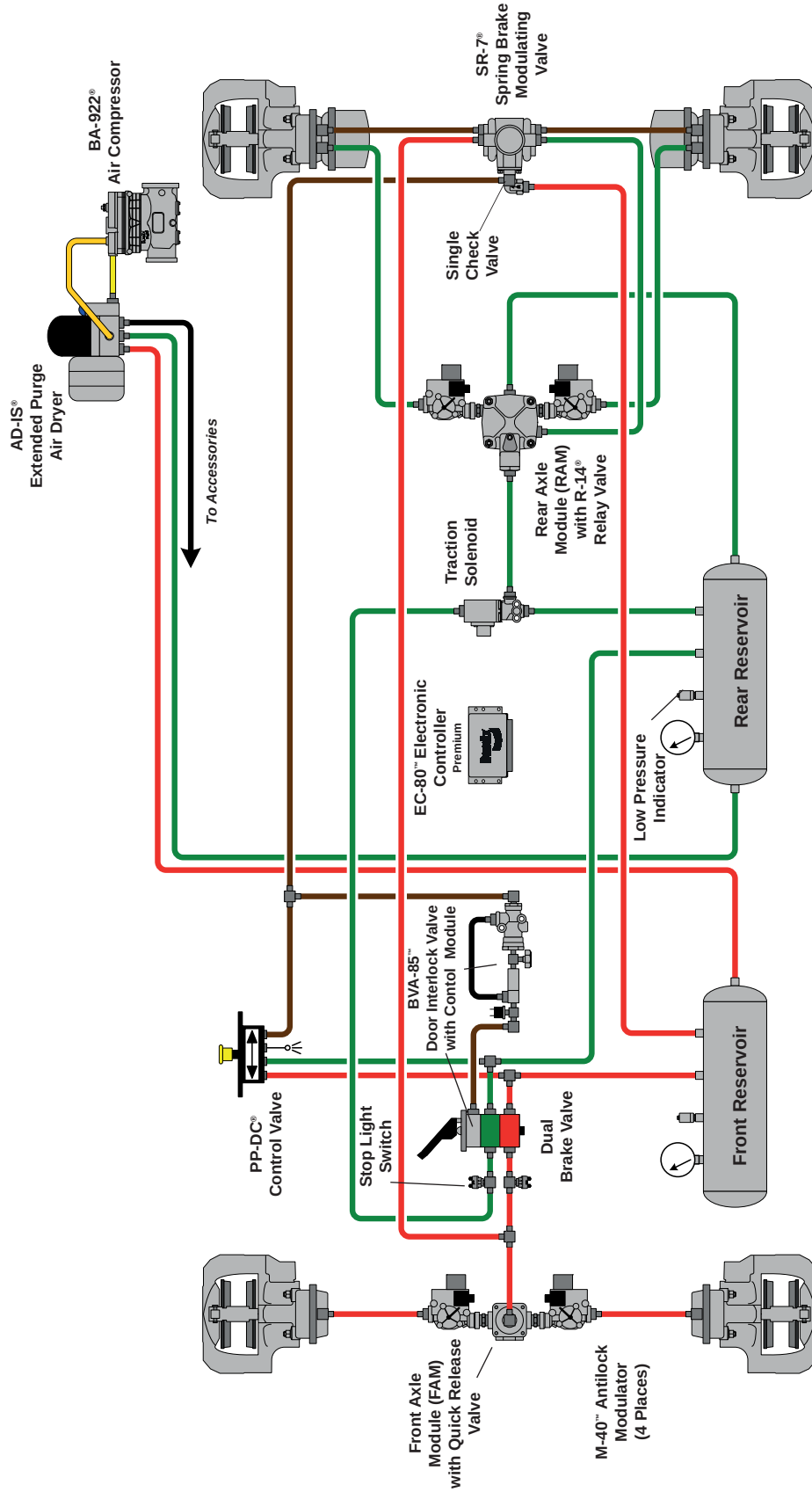


Notes:

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



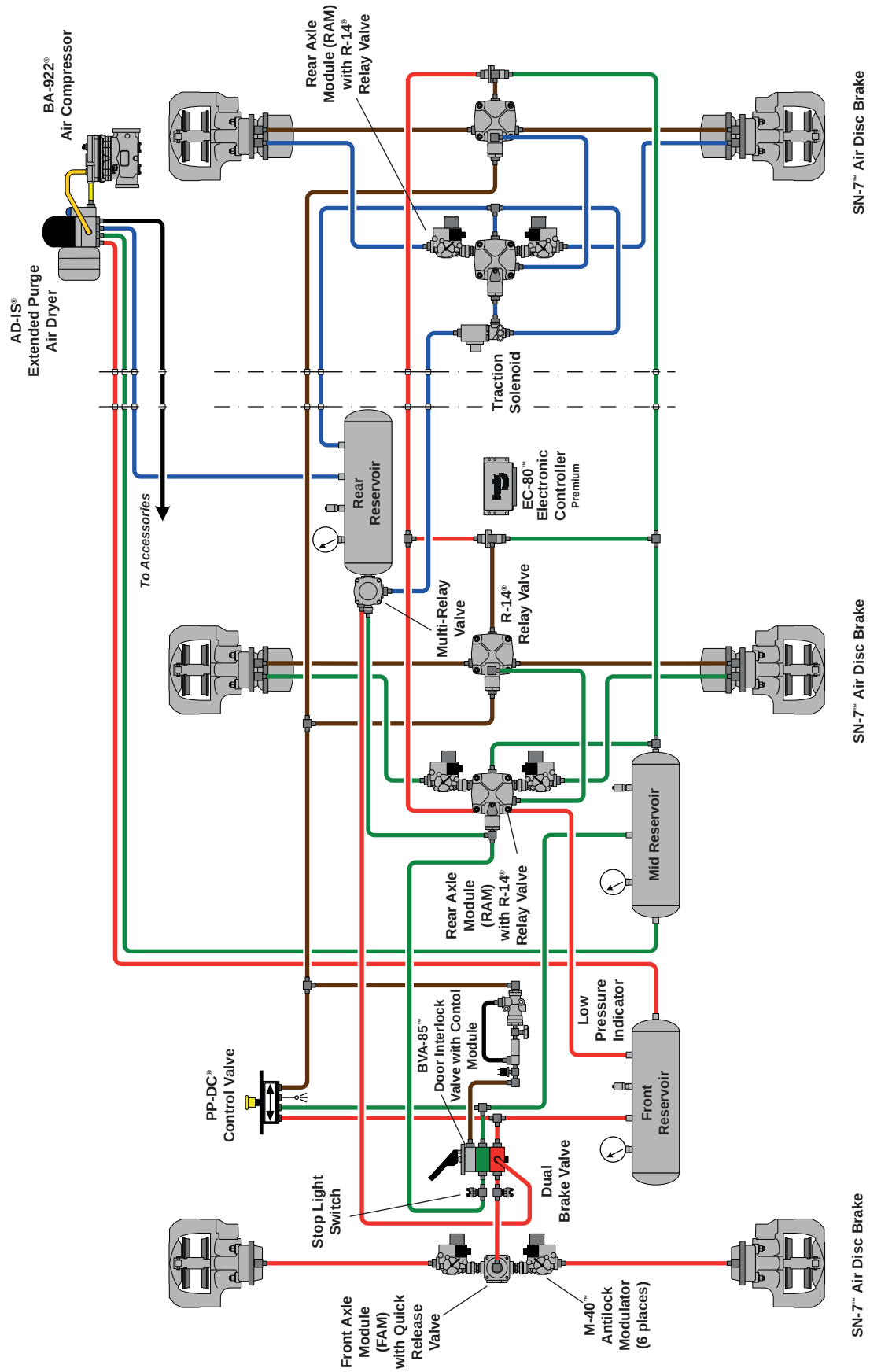
SN-7™ Air Disc Brake

SN-7™ Air Disc Brake

COACH:			
Primary & Supply	Secondary	Parking	Compressor Governor
			Accessories

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.

Typical Articulated Coach Bus Air System Schematic

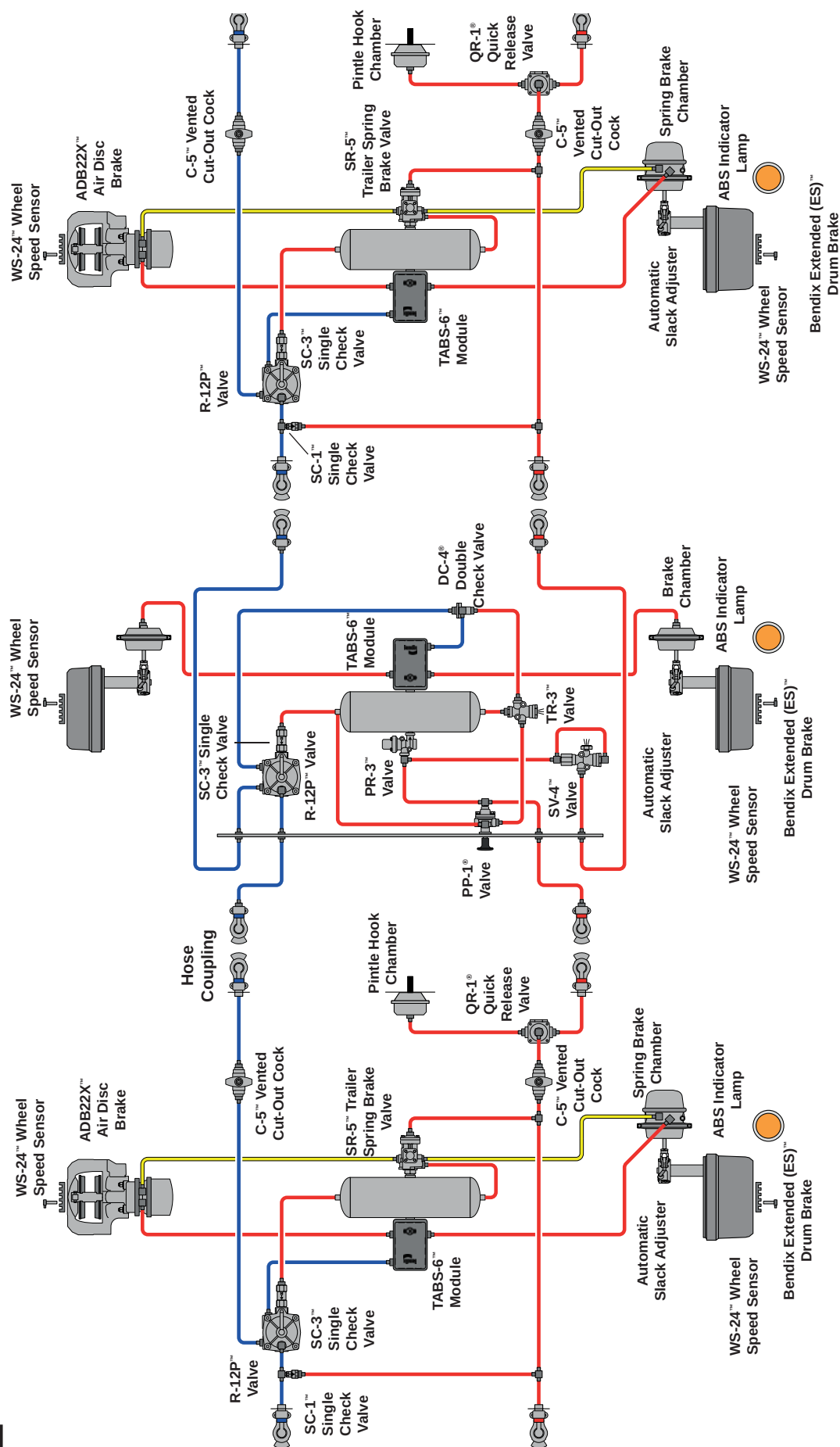


COACH:

Primary & Supply	Articulated Circuit	Secondary	Parking	Compressor Governor	Accessories
Green	Blue	Red	Brown	Yellow	Black

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.

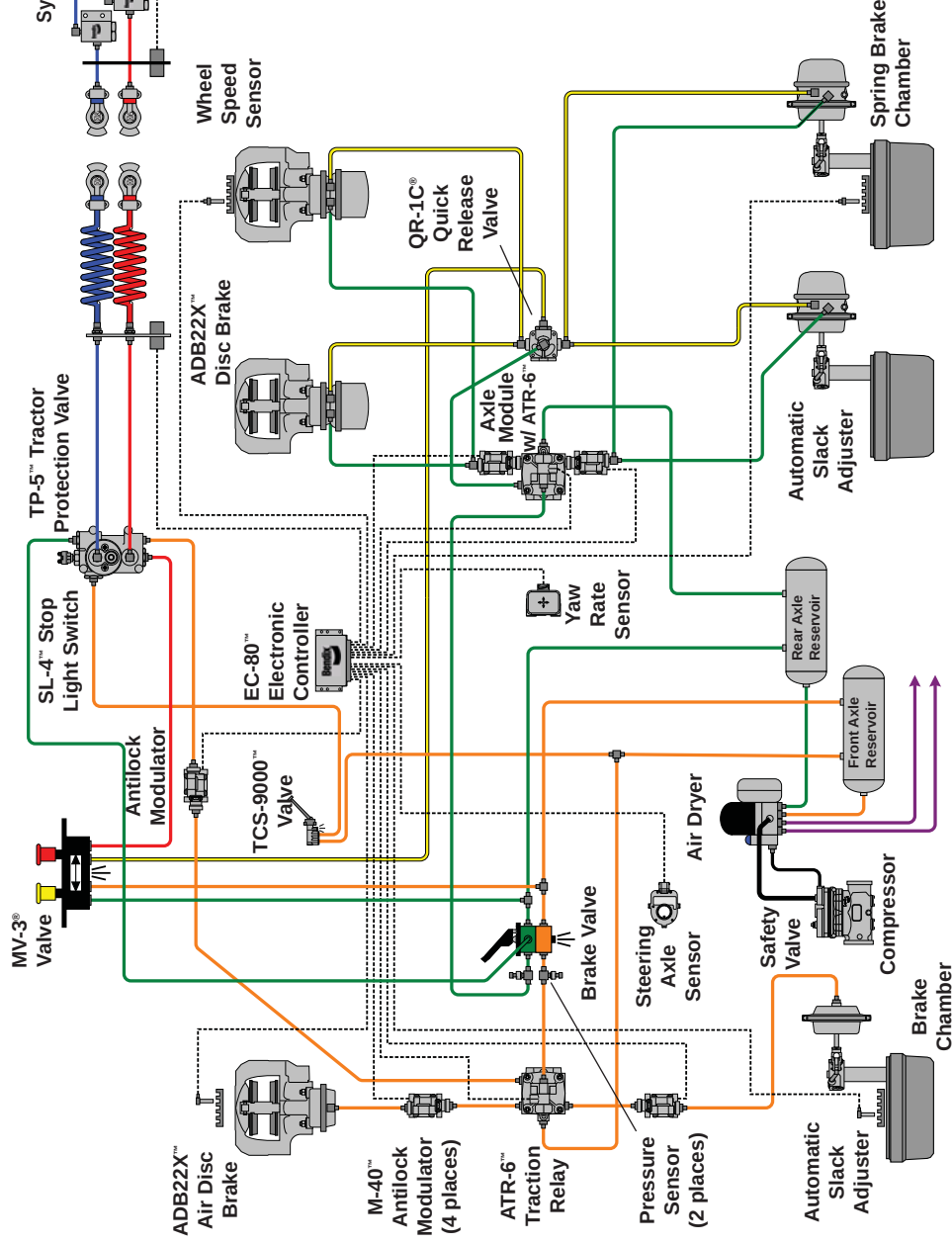
Typical Double Train



Trailer (Supply)	Trailer (Control)	Trailer (Park)
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Air disc & drum brakes combined on a single axle are shown for pictorial purposes only.

Typical Tractor System



----- Indicates electrical connection

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

TRUCKS AND TRUCK TRACTORS:

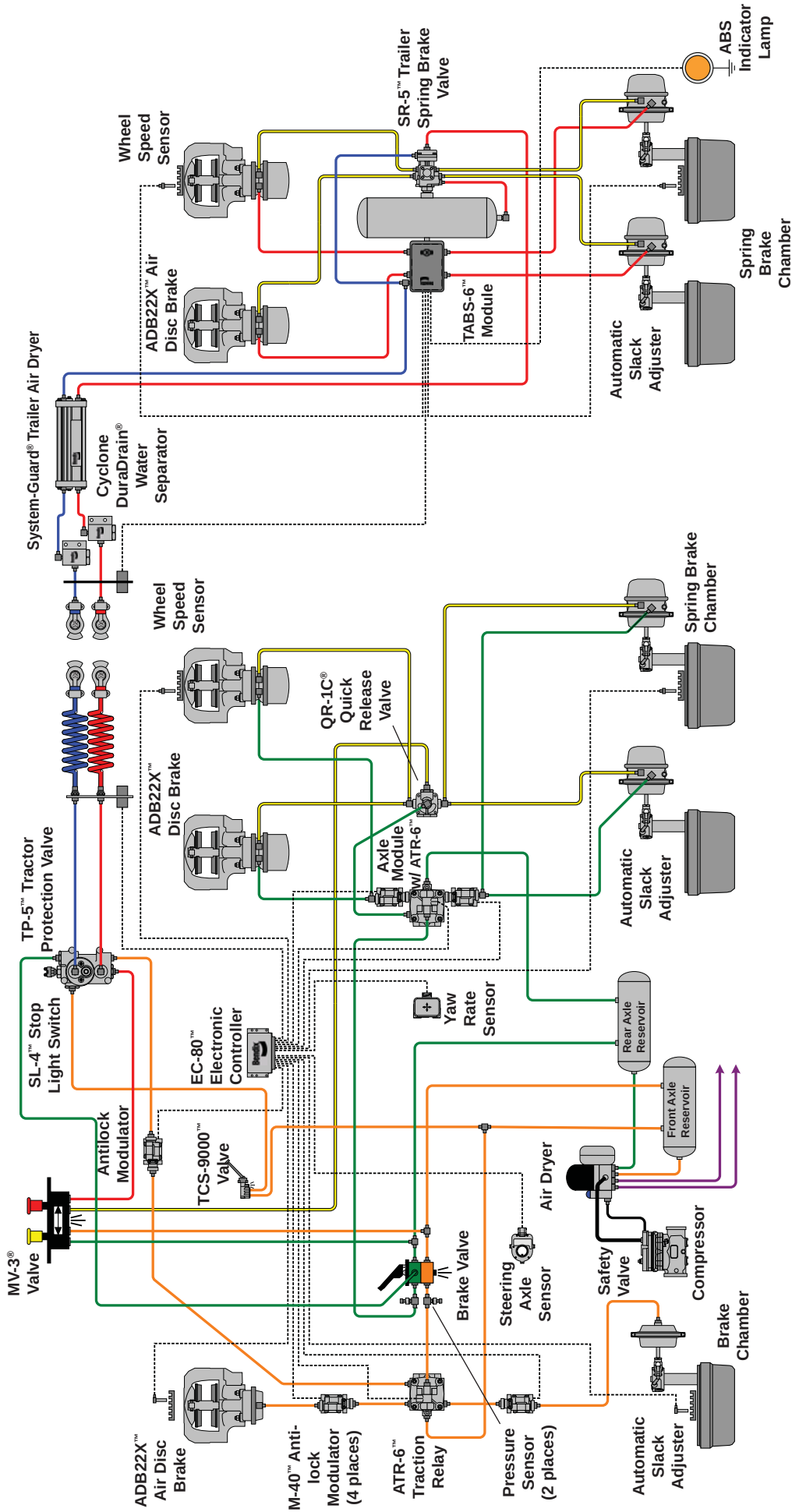
Charging	Primary	Secondary	Park (Supply)	Parking (Control)	Accessories
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TRAILERS:

Trailer (Supply)	Trailer (Control)	Trailer (Park)
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Typical Tractor System

Typical Trailer System



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

TRUCKS AND TRUCK TRACTORS:

Charging	Primary	Secondary	Park (Supply)	Parking (Control)	Accessories
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TRAILERS:

Trailer (Supply)	Trailer (Control)	Trailer (Park)
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