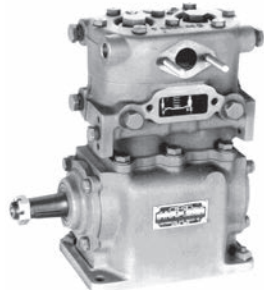


Bendix® Compressor Sizes

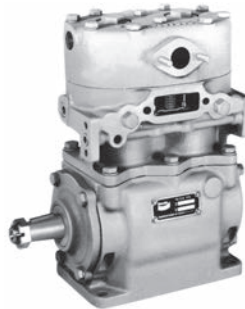
BX-2150™ Compressor
9.5 CFM AT 1250 RPM
i SD-01-331



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



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



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



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



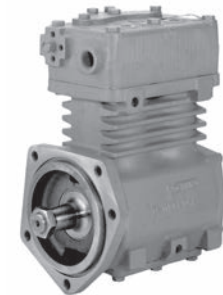
Tu-Flo® 600 Compressor
14.5 CFM AT 1250 RPM
i SD-01-336



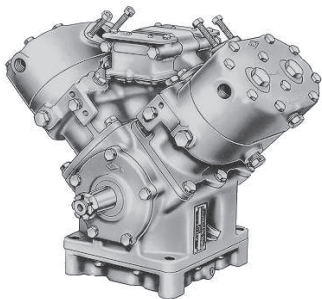
Tu-Flo® 700 Compressor
15.5 CFM AT 1250 RPM
i SD-01-335



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



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



Tu-Flo® 1400L Compressor
31 CFM AT 1250 RPM



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

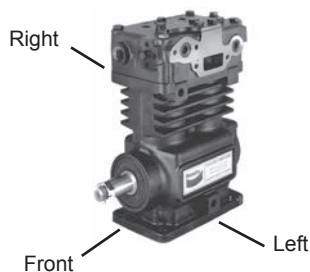


BA-921® Compressor
15.8 CFM AT 1250 RPM
i SD-01-690



- 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.



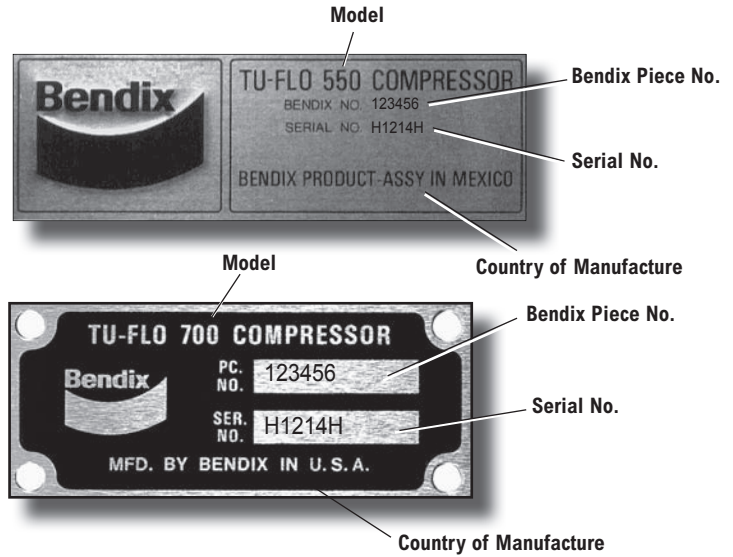
BA-922® Compressor
31.6 CFM AT 1250 RPM
i SD-01-700



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 H1214H indicates the product was manufactured on August 12, 2014 in the Huntington, Indiana facility.



Gaskets



Inlet Flange Gasket Pc. No. 243430N

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

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

Base Plate Gasket

For compressors with 1/2" bottom drain port

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



www.Bendix.com
email techteam@bendix.com

Fax: 440-329-9556

Bendix® BA-921® Remanufactured Compressors

w/core group and core class identification



CAT®
Core Group 1K

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

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



CAT

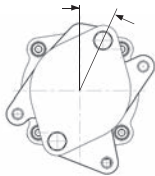
3126, C7 Acert, C9 Acert
Core Group 2K

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

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

BA-921®
Air Compressor
(Core Class 2K)
5014428X
Rear Flange Rotation - 30°

Rotation
(30° Shown)



Navistar®
IBB Side Mount
Core Group 1X

BA-921®
Air Compressor
(Core Class 1X)
K075155X
**Used in conjunction with
Bendix DRO valve
P/N K036946**



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	K023764
Compressor Seal Kit	5012369
Governor Adapter Kit	5008561

Bendix® BA-922® Remanufactured Compressors

w/core group and core class identification

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



CAT®
Core Group 1P

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

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



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

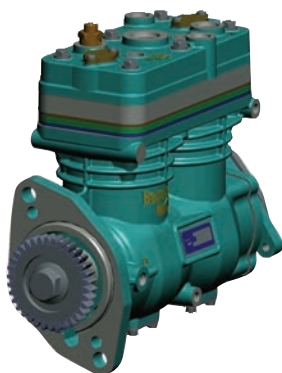
BA-922®
Air Compressor
(Core Class 1L)
5013695X
*(69 tooth drive gear
with a 21 tooth spline)*

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



DDC
Series 60 EGR
Core Group 1M

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



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

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

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

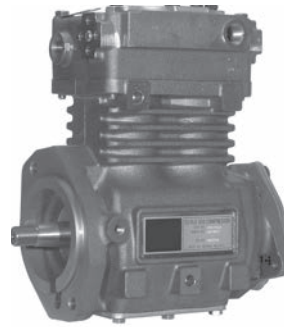
Tu-Flo® 550
Air Compressor
(Core Class 1A)
3406, C10, C12, C15, C16
5002984X
(rear end cover studs)
3176, C15, C16
5005790X

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.



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

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

CAT 3306
Core Group 1A



37 tooth gear

Cummins® ISB & C
Core Group 1E

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

109653X
(left air inlet)

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



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

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

Cummins
ISM, N14, M11
Core Group 1B

**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
*(69 tooth gear
with a 21 tooth spline)*

Tu-Flo® 750
Air Compressor
(Core Class 2D)
**Series 60 non-EGR &
Series 50**
5004187X
*(69 tooth gear
with a 21 tooth spline)*

Bendix® BA-922® air compressor upgrade available.

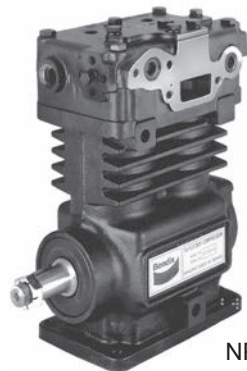


DDC
Core Group 1C

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

Note: 300 pound maximum
side load on belts.

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



International V8
2004 - 2006
Core Group 1I

Note: 300 pound maximum
side load on belts.

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.*



International V8
2007
Core Group 1I

Note: 300 pound maximum
side load on belts.

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



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

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
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

Wabco® Replacement Heads

For SS318 Series Air Compressors



9111539202X

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

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

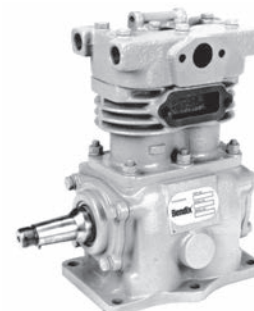
Midland® 1300 & 1600 Series Air Compressors



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



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

Air Strainers

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



i [SD-01-326](#)

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



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

Bendix® Compressor Maintenance and Service Kits

	Bendix® Compressor						
	U-7¼	E-12™ & F-12™	BX-2150™	Tu-Flo® 300	Tu-Flo® 400	Tu-Flo® 500	Tu-Flo® 501
NUMBER OF CYLINDERS	2	2	1	2	2	2	2
FIELD MAINTENANCE KIT	NA	NA	108848N 109356 (CAT)	229415N	229416	229417N	287043N
UNLOADER KIT	NA	NA	108847N	279613N	279614	279615N	279615N
GASKET SET	NA	NA	NA	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	279615N	279615N	107515N	279615N (2 req'd.)	279615N (2 req'd.)	K046477	K049446 (or two K046477 kits)
HEAD KIT	265077			265077				
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	107639N	282525N (5)	282525N	5005361	288646	282525N (2 req'd.)	NA	NA
.010 O.S.	107640	282526N (5)	282526N	5005362	288647N	282526N (2 req'd.)	NA	NA
.020 O.S.	107641	282527N (5)	282527N	5005363	288648	282527N (2 req'd.)	NA	NA
.030 O.S.	107642	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.

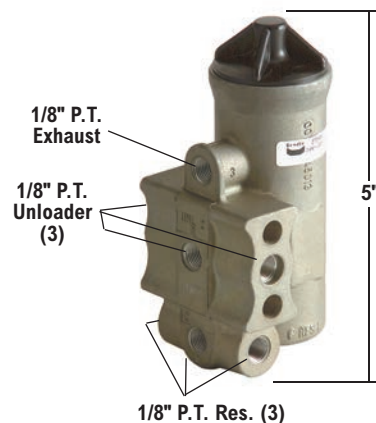
NA - Not Available

See pages 4 and 5 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



Bendix® D-2® Governor

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

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

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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

