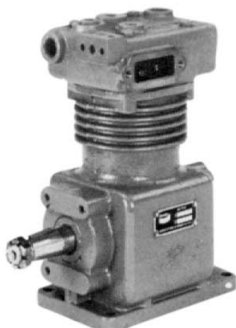


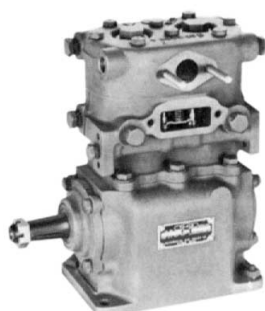
Section I: Compressor Sizes

BX-2150

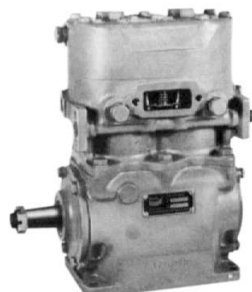
9.5 CFM AT 1250 RPM

**TU-FLO 400**

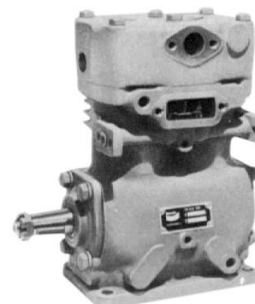
7.25 CFM AT 1250 RPM

**TU-FLO 500**

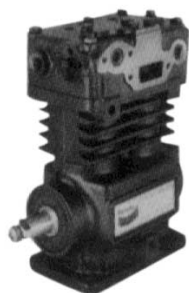
12 CFM AT 1250 RPM

**TU-FLO 501**

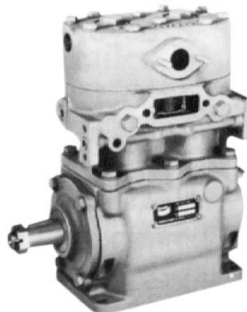
12 CFM AT 1250 RPM

**TU-FLO 550**

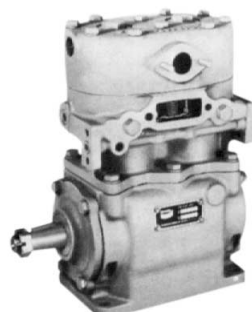
13.2 CFM AT 1250 RPM

**TU-FLO 600**

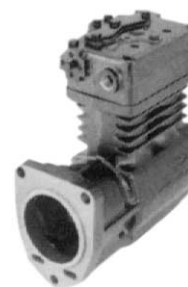
14.5 CFM AT 1250 RPM

**TU-FLO 700**

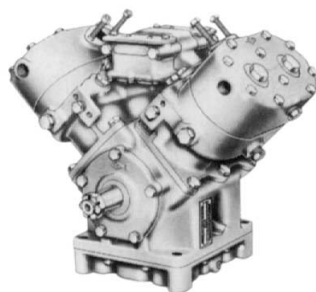
15.5 CFM AT 1250 RPM

**TU-FLO 750**

16.5 CFM AT 1250 RPM

**TU-FLO 1000**

24 CFM AT 1250 RPM

**TU-FLO 1400L**

31 CFM AT 1250 RPM

**DURAFLO™ 596**

27 CFM AT 1250 RPM

**BA-921**

15.8 CFM AT 1250 RPM



• Compressor information in this catalog is divided into three (3) sections. Section I - displays various compressors in the Bendix product line. Section II - contains a series of charts depicting the most popular engine/ compressor combinations and the appropriate mounting flange. Section III - shows compressor maintenance kit information.

• 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

| Part No. | Description |
|----------|--------------------------|
| 5008558 | Cylinder Head Gasket Kit |
| 5008557 | Unloader Kit |
| 5008561 | Governor Adapter Kit |
| 5008559 | Compressor Seal Kit |
| 5012367 | CAT MD Seal Kit |
| 5012369 | CAT HD Seal Kit |
| 5012371 | Series 60 Seal Kit |

Section II Compressors

| | | REMANUFACTURED EXCHANGE COMPRESSORS | | | | | |
|---------|---|-------------------------------------|-------------------|--------------|-------------|------------|------------|
| FLANGES | ENGINES | TU-FLO 500 | TU-FLO 501 | TU-FLO 700** | TU-FLO 1400 | TU-FLO 550 | TU-FLO 750 |
| | Caterpillar 3406 | 285131 | 286546 | 289349 | — | — | — |
| | Caterpillar 3406B | — | 103274 | 103278 | 104583 | 107509 | 107508 |
| | Caterpillar 3408 | 284310 | 286552 | 289744 | — | — | — |
| | Mack 6 Cylinder | 284662 | 286544 | 289340 | — | 107511 | 107510 |
| | See Bulletin PRO-01-7 for Mack c/o Caterpillar 3116 | — | 286620 | — | 104584 | — | — |
| | Mack 8 Cylinder | — | 286574 286621 | 289348 | — | — | 107869 |
| | | | | | | | |
| | Cummins NH,NTC,KT,KTA Series Engines See Bulletin PRO-01-2 | 284718* 284699 | 286618* 286554 | 289339 | — | 107506 | 107507 |
| | Cummins VTB-903 | — | — | — | — | — | — |
| | Cummins VT-903 | — | 286570 | 101590 | — | — | — |
| | Cummins VT-350 See Bulletin PRO-01-2 | — | 286570 | 101590 | — | — | — |
| | Series 60 Detroit Diesel 0° Tilt | — | 286619 | 106780 | — | 107622 | 107623 |
| | Detroit Diesel 0° Tilt | 276962 | 286539 | 289941 | 108779 | 107513 | 107512 |
| | Detroit Diesel 45° Tilt | 285252 | — | 101158 | — | — | — |

SERIES 60 COMPRESSORS MUST BE REPLACED WITH SERIES 60 COMPRESSORS ONLY. FAILURE TO DO SO WILL RESULT IN COMPRESSOR DAMAGE.

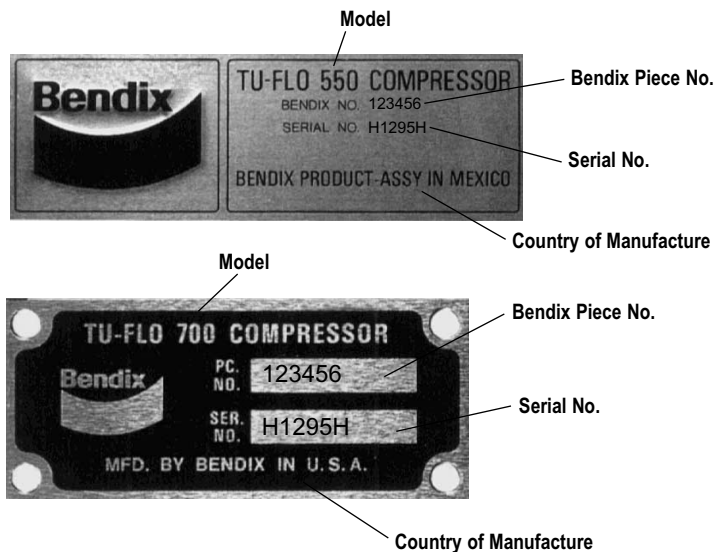
*TOP DISCHARGE - CYLINDER HEAD

**TU FLO-700 CYLINDER HEAD INCORPORATES BOTH SIDE & TOP DISCHARGE

Section III 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 part 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 H1295H indicates the product was manufactured on August 12, 1995 in the Huntington, Indiana facility.



Compressor Maintenance and Service Kits

| COMPRESSOR MODEL | U-7 ^{1/4} | E & 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 MAINT. KIT | NA | NA | 108848 109356 (CAT) | 229415 | 229416 | 229417 | 287043 |
| UNLOADER KIT | NA | NA | 108847 | 279613 | 279614 | 279615 | 279615 |
| GASKET SET | NA | NA | NA | NA | 280511 | 280512 | 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 | 226721 | 225514 | 104045 | 226778 | 226721 (4) 289603 (3) | 225514 | 106105 (5) |
| .010 O.S. | 226722 | 225515 | 104046 | 226779 | 226722 (4) 289604 (3) | 225515 | 106106 (5) |
| .020 O.S. | 226723 | 225516 | 104047 | 226780 | 226723 (4) 289605 (3) | 225516 | 106107 (5) |
| .030 O.S. | 226724 | 225517 | 104048 | 226781 | 226724 (4) 289606 (3) | 225517 | 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 | 225704* | 289438 | 289928 | 106109 (5) |
| .010 O.S. | NA | NA | 104050 | 226630* | 289439 | 289929 | 106110 (5) |
| .020 O.S. | NA | NA | 104051 | 226631* | 289440 | 289930 | 106111 (5) |
| .030 O.S. | NA | NA | 104052 | 226632* | 289441 | 289931 | 106112 (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 | 229082 | NA | 102398 (Std.) 107465 (.010 O.S.) 107466 (.020 O.S.) | 227479 (Std.) 283498 (.010 O.S.) 283499 (.020 O.S.) 283500 (.030 O.S.) | 229082 | 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 287057(M) |
| CONNECTING ROD INSERT KIT (services 1 connecting rod) | | | | | | | |
| Standard Size | 282763 | 282767 | NA | NA | 282763 | 282767 287062(M) | 286254 287058(M) |
| .010 O.S. | 282764 | 282768 | NA | NA | 282764 | 282768 287063(M) | 286255 287059(M) |
| .020 O.S. | 282765 | 282769 | NA | NA | 282765 | 282769 287064(M) | 286256 287060(M) |
| .030 O.S. | 282766 | 282770 | NA | NA | 282766 | 282770 | 286257 287061(M) |
| .040 O.S. | NA | NA | NA | NA | NA | NA | 5005218 5005219(M) |
| PISTON, RINGS & 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

Compressor Maintenance and Service Kits

| COMPRESSOR MODEL | TU-FLO 550 | TU-FLO 600 | TU-FLO 700 | TU-FLO 750 | TU-FLO 1000 | TU-FLO 1400 |
|--|--|------------------|------------------|--|-------------------|-------------------|
| NUMBER OF CYLINDERS | 2 | 2 | 2 | 2 | 4 | 4 |
| FIELD MAINT. KIT | 107516 | 229417 | 289998 | 107516 | 229417 (2 req'd.) | 104592 |
| UNLOADER KIT | 107515 | 279615 | 279615 | 107515 | 279615 (2 req'd.) | 279615 (2 req'd.) |
| GASKET SET | NA | 101559 | 101559 | NA | NA | NA |
| 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 | 107639 | 282525 (5) | 282525 | 5005361 | 288646 | 282525 (2 req'd.) |
| .010 O.S. | 107640 | 282526 (5) | 282526 | 5005362 | 288647 | 282526 (2 req'd.) |
| .020 O.S. | 107641 | 282527 (5) | 282527 | 5005363 | 288648 | 282527 (2 req'd.) |
| .030 O.S. | 107642 | 282528 (5) | 282528 | 5005364 | 288649 | 282528 (2 req'd.) |
| 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 | 289891 | 289891 | 107643 | 289928 | 289891 |
| .010 O.S. | 107648 | 289892 | 289892 | 107644 | 289929 | 289892 |
| .020 O.S. | 107649 | 289893 | 289893 | 107645 | 289930 | 289893 |
| .030 O.S. | 107650 | 289894 | 289894 | 107646 | 289931 | 289894 |
| ALUMINUM CONNECTING RODS (services 1 connecting rod) | | | | | | |
| Without Inserts | NA | NA | NA | NA | NA | NA |
| With Std. Inserts | 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) | 288661 | 229085 |
| With Std. Inserts | NA | NA | NA | NA | NA | NA |
| CONNECTING ROD INSERT KIT (services 1 connecting rod unless otherwise noted) | | | | | | |
| Standard Size | 107651 (serv. 2) | 282767 287062(M) | 282767 | 107651 (serv. 2) | 282751 | 282767 |
| .010 O.S. | 107652 (serv. 2) | 282768 287063(M) | 282768 287063(M) | 107652 (serv. 2) | 282752 | 282768 |
| .020 O.S. | 107653 (serv. 2) | 282769 287064(M) | 282769 287064(M) | 107653 (serv. 2) | 282753 | 282769 |
| .030 O.S. | 107654 (serv. 2) | 282770 | 282770 | 107654 (serv. 2) | 282754 | 282770 |
| PISTON, RINGS & CONN. ROD KIT (services the entire compressor) | 108843 (std.) 5000334 (.010 O.S.) 5000333 (.020 O.S.) 5000332 (.030 O.S.) | NA | NA | 108842 (std.) 5000331 (.010 O.S.) 5000330 (.020 O.S.) 5000329 (.030 O.S.) | NA | NA |
| CRANKSHAFT BEARING KIT | 107969 | NA | NA | 107969 | NA | NA |

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

NA - Not Available

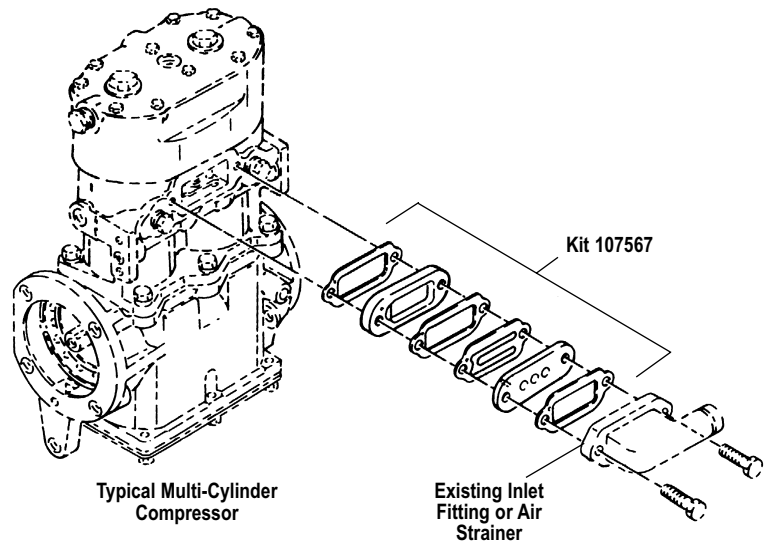
Inlet Check Valve

The inlet check valve may be used on naturally aspirated compressors to prevent oil misting during the unloaded cycle. **Do Not** use the inlet check valve if the compressor inlet is connected to the pressure side of the supercharger or turbocharger.

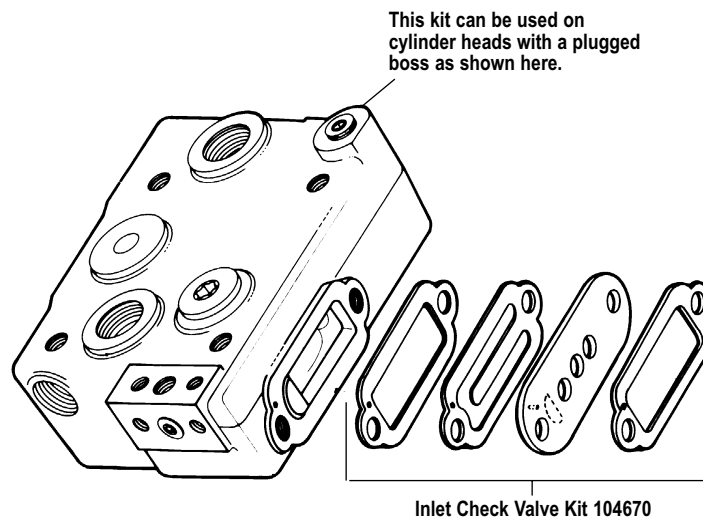
Important: Installation of the inlet check valve assembly **must** be as shown in all illustrations.

Applications & Kits

| Comp. Model | Kit | Comments |
|-------------|--------------------------------|--------------------------|
| TF-300 | — | Not available for TF-300 |
| TF-400 | 107567 | |
| BX-2150 | See Illustration & Notes Below | |
| TF-500 | 107567 | |
| TF-501 | 107567 | |
| TF-550 | 107567 | |
| TF-700 | 107567 | |
| TF-750 | 107567 | |
| TF-1000 | 107567 | Two kits required |
| TF-1400 | 107567 | Two kits required |



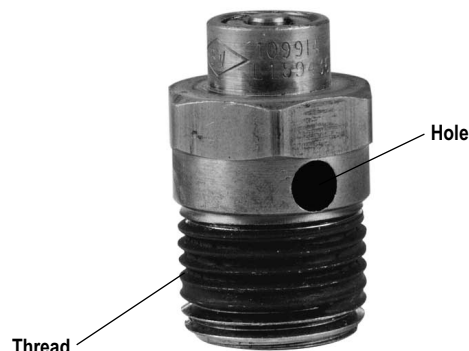
Inlet Check Valve Kit 104670 for BX-2150 Cylinder Heads



ST-4 Safety Valve

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

| ST-4 Pc. No. | Used in Conjunction with | Pressure Setting | Thread | No. of Holes |
|--------------|-----------------------------|------------------|---------------|--------------|
| 131081 | Tu-Flo 550 & 750 Compressor | 250 psi | 1/2 NPT | 1 |
| 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 | 150 psi | 1/4-18 NPT | 1 |
| 800533 | | 250 psi | 3/4-16 UNF-2A | 2 |
| 800534 | | 250 psi | M16 x 1.5-6H | 2 |
| 801116 | | 250 psi | 7/8-14 UNF-2A | 2 |

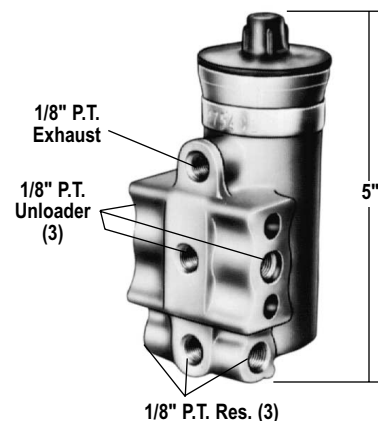


D-2 Governor

- Available Remanufactured Exchange
- Maintenance Kit With High Temperature O-Rings PC. No. 280915
- Maintenance Kit With Standard O-Rings 276121
- Operating cut-in and cut-out pressures are adjustable to O.E. equivalent pressures except non-adjustable

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

| BASIC VALVES | | |
|--------------|-----------------------|----------------|
| Pc. No. | Pressure Range P.S.I. | Comments |
| 065018 | 100-120 | Non-Adjustable |
| 275200 | 90-105 | — |
| 275491 | 100-120 | — |
| 275508 | 95-110 | — |
| 275530 | 105-125 | — |
| 275707 | 105-125 | — |
| 277486 | 110-130 | — |
| 283657 | 115-135 | — |
| 284358 | 105-125 | See Note 1 |
| 800361 | 105-130 | Non-Adjustable |

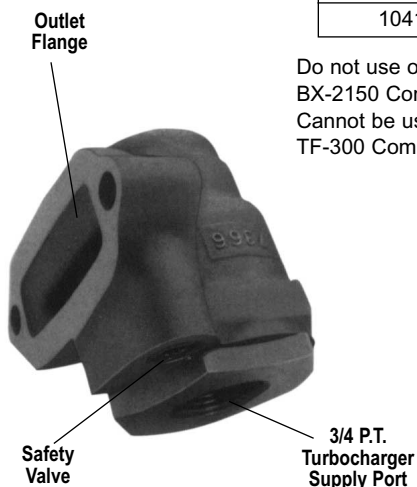


1 Governor supplied with high temperature o-rings and waterproof cover

Inlet Regulating Valve

| Inlet Regulating Valve Pc. No. |
|--------------------------------|
| 104171 |

Do not use on a BX-2150 Compressor. Cannot be used on a TF-300 Compressor.



Air Strainers



| Air Strainer Kit Pc. No. | Air Strainer |
|--------------------------|--------------|
| 278500 | 279901 |

Kit includes air strainer & hardware. Cannot be used on a TF-300 Compressor.

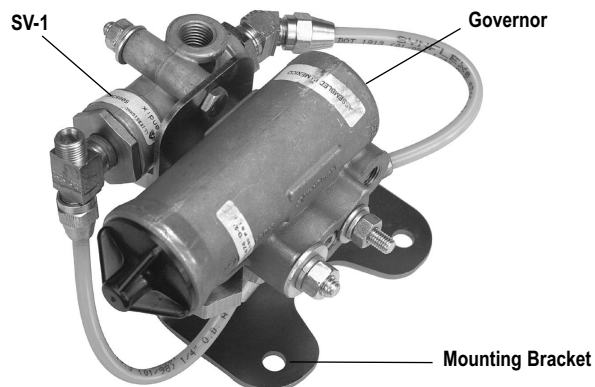


| Air Strainer Kit Pc. No. | Air Strainer |
|--------------------------|--------------|
| 227785 | 226469 |

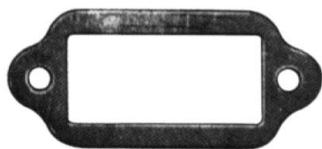
D-2/SV-1 Module

Used in conjunction with the DuraFlo™ 596 Compressor.

| D-2/SV-1 Pc. No. | Type |
|---------------------|----------------------------------|
| 5007116 | Standard |
| 5007404 | High Temperature w/unloader hose |



Gaskets



PC. NO. 243430
FOR ALL TF COMPR. EXCEPT TF-300



42° Today
A mixture
of clouds and sun.
Wind: SW 8-16



32° Tonight
Rain/snow
showers.
Wind: WNW 15-30



31° 25°
Wednesday
Increasing clouds;
snow.
Wind: SSW 10-20



32° 17°
Thursday
Cloudy with
showers; snow.
Wind: W 12-22



27° 19°
Friday
Cloudy; snow
showers.
Wind: WNW 15-30



39° 33°
Saturday
Breezy and
milder; some sun.
Wind: SW 12-24

GENUINE BENDIX

THE WEATHER IS UNPREDICTABLE. GENUINE BENDIX AIR DRYERS ARE ANYTHING BUT.

Other companies rebuild or attempt to duplicate Bendix air dryers, but none pay as much attention to quality as Bendix. Inferior workmanship and substandard parts reduce brake performance and increase the likelihood of component failure and costly breakdowns. Only Genuine Bendix air dryers meet our stringent testing procedures, which have set the industry standard for nearly 30 years. And only Genuine Bendix assures you the protection of our warranty plan. So you get quality and dependability you can count on. No matter what the weather.



Ahead of the curve.

| | Tu-Flo 400 | Tu-Flo 500 | Tu-Flo 501 | Tu-Flo 700 |
|--|------------|------------|------------|------------|
| N5309 | 227404 | 227320 | 286526 | 289350 |
| N5309A | 227403 | 227322 | 286527 | 101256 |
| N5310 Series | 227404 | 227320 | 286526 | 289350 |
| N5502 A,B,F | 289444 | 276961 | 286538 | 289925 |
| N5502 H | | 276962 | 286539 | 289941 |
| N5504 A | | 276962 | 286539 | 289941 |
| N5504 B | 289444 | 276961 | 286538 | 289925 |
| N5601 B,C,D,F,G, K,M,PV | | 228344 | | |
| N5601,E,J,L,R, S,W | 289818 | | | |
| N5603 A,B,C | 289818 | | | |
| N5603, D | | 228344 | | |
| N6300 Series | 227404 | 227320 | 286526 | 289350 |
| N7002,A,C,F,G,H, K,L,M,N,PR,S, T,V,W,X | | 283690 | | |
| N7004,A,B,C,D,F | | 284718 | | 289339 |
| N7005,A,B,C,D,E, G,H,J,K,L,M,P, V,W | | 280962 | | 289925 |
| N7006,B,C | | 283690 | | |
| N7009C,D,E,F,G | | 281042 | 286542 | 289342 |
| N7010A,B,C,D,E, F,N | | 281042 | 286542 | 289342 |
| N7011,A,B | | 284662 | 286544 | 289340 |
| N7012A,B | | 285131 | 286546 | 289349 |
| N7015,A | 289541 | 284790 | | 289336 |
| NT7011 Series | | 284662 | 286544 | 289340 |
| MIDLAND SERVICE | | | | |
| KN7000(L,L) | 227406 | 228344 | | |
| KN7000(R,R) | 227407 | | | |
| KN7010(L,L) | | 228344 | | |
| KN7030(L,L) | | | 286526 | 289350 |
| KN7030(R,R) | 283429 | | | |
| KN7040 | | | 286526 | 289350 |
| KN7050 | 283429 | | 286527 | 101256 |
| KN7070 | 289444 | 276961 | 286538 | 289925 |
| KN7080 | | 276962 | 286539 | 289941 |
| KN7170 | 227404 | 227331 | 286526 | 289350 |
| KN7180 | 227403 | 227322 | 286527 | 101256 |
| KNX12031(R,R) | | | 286527 | |
| KNX12031(L,L) | | | 286526 | |
| KN13040 | | 284718 | | 289339 |
| KN13050(R,T) | | | 286541 | |
| KN13060 | | 283690 | | |
| KN13070(R,T) | | | 286541 | |
| KN13090 | | 281042 | 286542 | 289342 |
| KN13100(L,T) | | 281042 | 286542 | 289342 |
| KN13100(R,T) | | 285252 | | |
| KN13110 | | 284662 | 286544 | 289340 |
| KNT13110 | | 284664 | 286544 | 289340 |
| KNT13120 | | 285131 | 286546 | 289349 |
| KNT13150 | 289541 | 284790 | | 289336 |
| KNX7000(R,R) | 227407 | | | |
| KNX7010(L,L) | | 228344 | | |
| KNX7030(L,L) | | | 286526 | 289350 |
| KNX7030(R,R) | 283429 | | | |
| KNX7040 | | | 286526 | 289350 |
| KNX7050 | 283429 | | 286527 | 101256 |
| KNX7060 | 289444 | 276961 | 286538 | |
| KNX7070 | 289444 | 276961 | 286538 | 289925 |
| KNX7080 | | 276962 | 286539 | 289941 |
| KNX7170 | 227404 | 227331 | 286526 | 289350 |
| KNX7180 | 227403 | 227322 | 286527 | 101256 |
| KNX13020 | | 283690 | | |
| KNX13040 | | 284718 | | 289339 |
| KNX13050(R,T) | | | 286541 | |
| KNX13060 | | 283690 | | |
| KNX13070(R,T) | | | 286541 | |
| KNX13090 | | 281042 | 286542 | 289342 |
| KNX13100(L,T) | | 281042 | 286542 | 289342 |
| KNX13100(R,T) | | 285252 | | |
| KNX13110 | | 284662 | 286544 | 289340 |
| KNX13120 | | 285131 | 286546 | 289349 |
| KNX13150 | 289541 | 284790 | | 289336 |
| KNX13160 | | 281042 | 286542 | 289342 |
| KTX13110 | | 284662 | 286544 | 289340 |


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