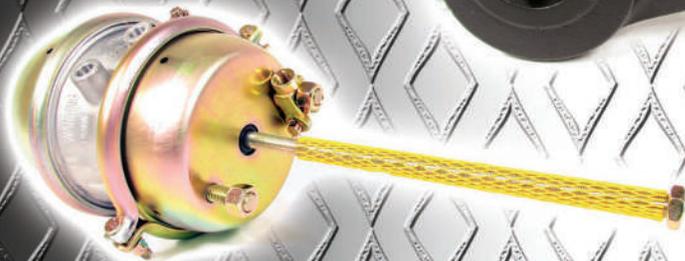
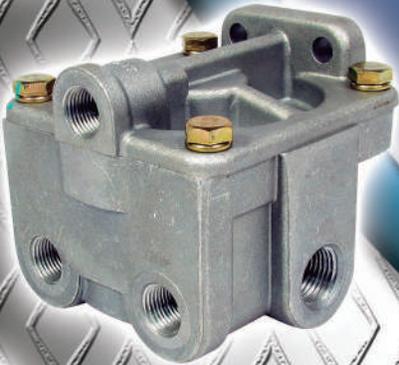


**FORTPRO**<sup>®</sup>  
USA

# Air Brake Components





## SPRING BRAKE ASSEMBLIES



FortProUSA#	Replaces	Type	Notes
<b>F224730</b>	19QE441RP1	30/30	Serviceable
<b>F224746</b>	N/A	30/30	Sealed
<b>F224729</b>	19QE410AP3	24/24	Serviceable
<b>F224756</b>	N/A	24/24	Sealed
<b>F224794</b>	19QE453RP3	24/30	Serviceable
<b>F224795</b>	N/A	24/30	Sealed
<b>F224796</b>	N/A	36/36	Sealed



## SERVICE CHAMBER ASSEMBLIES



FortProUSA#	Replaces	Type	Notes
<b>F224793</b>	288818	36	Serviceable
<b>F224728</b>	288813	30	Serviceable
<b>F224727</b>	288808	24	Serviceable
<b>F224726</b>	288803	20	Serviceable
<b>F224725</b>	288799	16	Serviceable
<b>F224757</b>	288795	12	Serviceable



## BRAKE CHAMBER DIAPHRAGMS



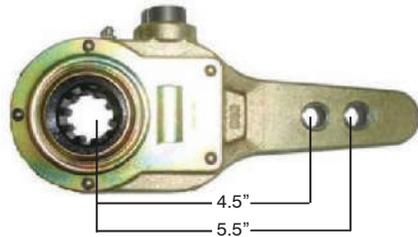
FortProUSA#	Replaces	Type	Diameter
<b>F224792</b>	236669	36	8 - 11/16"
<b>F224734</b>	236668	30	7 - 7/8"
<b>F224733</b>	236667	24	7"
<b>F224732</b>	236666	20	6 - 5/8"
<b>F224731</b>	236665	16	6 - 3/16"
<b>F224758</b>	236664	12	5 - 1/2"





## MANUAL SLACK ADJUSTERS

### 1 - 1/4" 10 Spline Teeth - Straight Arm

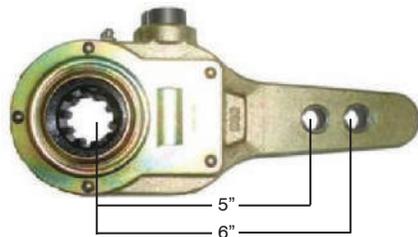


FortproUSA#: **F224769**

Replaces: 278302

Notes: 4.5" - 5.5"

### 1 - 1/4" 10 Spline Teeth - Straight Arm

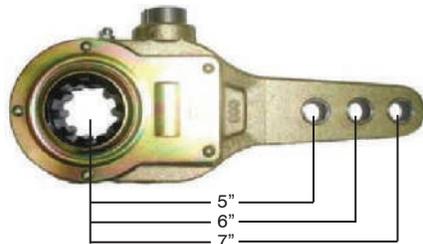


FortproUSA#: **F224736**

Replaces: 278303

Notes: 5" - 6"

### 1 - 1/2" 10 Spline Teeth - Straight Arm

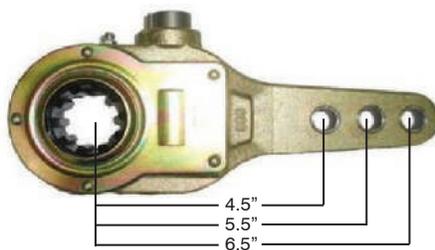


FortproUSA#: **F224735**

Replaces: 278323

Notes: 5" - 6" - 7"

### 1 - 1/2" 10 Spline Teeth - Straight Arm



FortproUSA#: **F224770**

Replaces: 278326

Notes: 4.5" - 5.5" - 6.5"

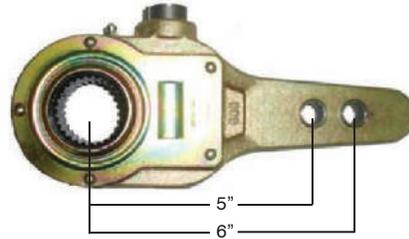




## MANUAL SLACK ADJUSTERS

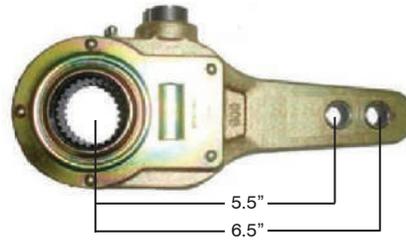
### 1 - 1/2" 28 Spline Teeth - Straight Arm

FortproUSA#: <b>F224737</b>
Replaces: 286965
Notes: 5" - 6"



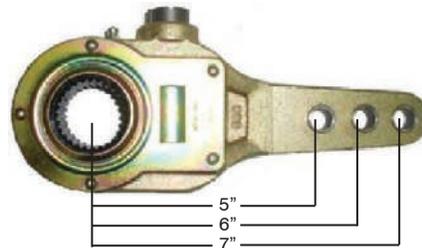
### 1 - 1/2" 28 Spline Teeth - Straight Arm

FortproUSA#: <b>F224771</b>
Replaces: 288753
Notes: 5.5" - 6.5"



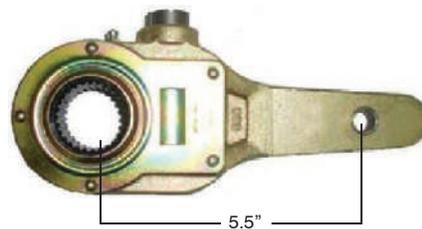
### 1 - 1/2" 28 Spline Teeth - Straight Arm

FortproUSA#: <b>F224772</b>
Replaces: 288282
Notes: 5" - 6" - 7"



### 1 - 1/4" 24 Spline Teeth - Straight Arm

FortproUSA#: <b>F224774</b>
Replaces: KN55001
Notes: 5.5"



## MANUAL SLACK ADJUSTERS

### 1 - 5/8" 37 Spline Teeth - Straight Arm

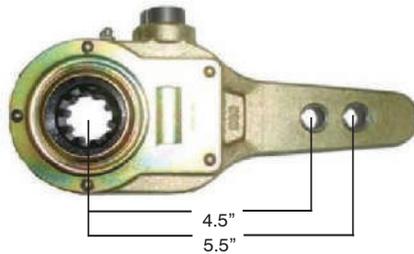


**FortproUSA#:** F224738

**Replaces:** 283411

**Notes:** 6"

### 1 - 1/4" 10 Spline Teeth - Offset Arm

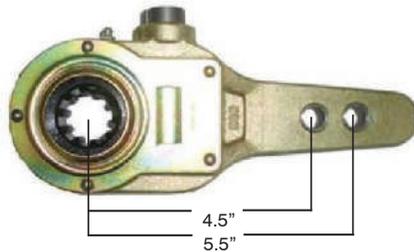


**FortproUSA#:** F224775

**Replaces:** KN49000, 278294

**Notes:** 4.5" - 5.5", 5/8" Offset,  
Offset Direction Right

### 1 - 1/4" 10 Spline Teeth - Offset Arm



**FortproUSA#:** F224776

**Replaces:** KN49100, 278295

**Notes:** 4.5" - 5.5", 5/8" Offset,  
Offset Direction Left



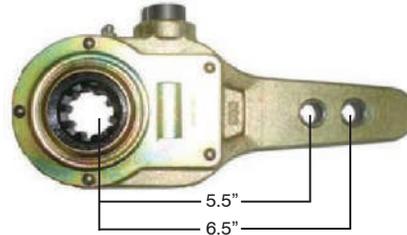
## MANUAL SLACK ADJUSTERS

### 1 - 1/2" 10 Spline Teeth - Offset Arm

**FortproUSA#:** F224777

**Replaces:** 288539

**Notes:** 5.5" - 6.5", 1-1/2" Offset,  
Offset Direction Right

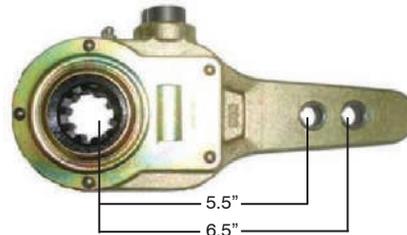


### 1 - 1/2" 10 Spline Teeth - Offset Arm

**FortproUSA#:** F224778

**Replaces:** 288540

**Notes:** 5.5" - 6.5", 1-1/2" Offset,  
Offset Direction Left

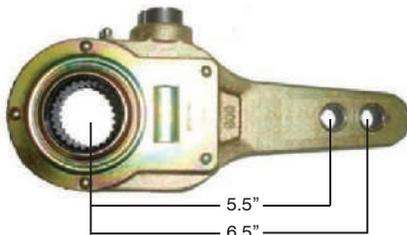


### 1 - 1/2" 28 Spline Teeth - Offset Arm

**FortproUSA#:** F224779

**Replaces:** 287896

**Notes:** 5.5" - 6.5", 1-1/2" Offset,  
Offset Direction Right

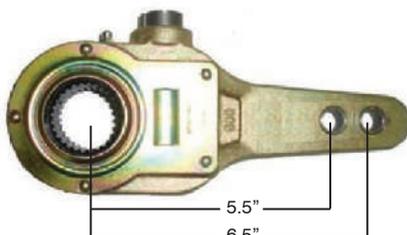


### 1 - 1/2" 28 Spline Teeth - Offset Arm

**FortproUSA#:** F224780

**Replaces:** 287897

**Notes:** 5.5" - 6.5", 1-1/2" Offset,  
Offset Direction Left





## MANUAL SLACK ADJUSTERS

### 1 - 1/2" 10 Spline Teeth - Bent Arm



FortproUSA#: **F224781**

Replaces: 278084, KN51000

Notes: 6"

### 1 - 1/2" 28 Spline Teeth - Bent Arm



FortproUSA#: **F224782**

Replaces: 101883, KN51010

Notes: 6"

## AUTOMATIC SLACK ADJUSTERS



FortProUSA#	Replaces	Spline Teeth	Notes
<b>F225051</b>	R801041	1 1/2" - 10	5 1/2"
<b>F225052</b>	R801042	1 1/2" - 10	6"
<b>F225053</b>	R801073	1 1/2" - 28	5 1/2"
<b>F225054</b>	R801074	1 1/2" - 28	6"
<b>F225055</b>	R801004	1 1/4" - 10	5 1/2"
<b>F225056</b>	R801003	1 1/4" - 24	5 1/2"

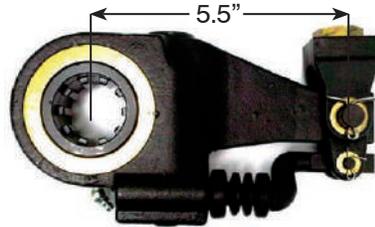




## AUTOMATIC SLACK ADJUSTERS

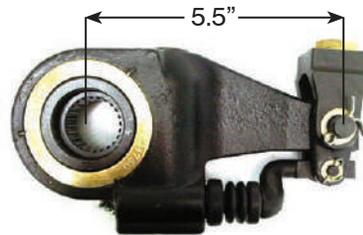
### 1 - 1/4" 10 Spline Teeth

FortproUSA#: <b>F224773</b>
Replaces: 065164
Notes: 5.5"



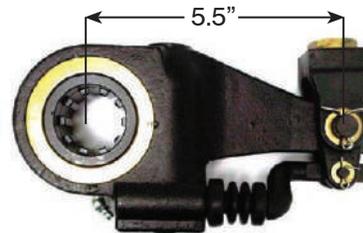
### 1 - 1/4" 24 Spline Teeth

FortproUSA#: <b>F224750</b>
Replaces: 065167
Notes: 5.5"



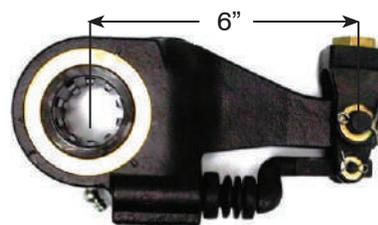
### 1 - 1/2" 10 Spline Teeth

FortproUSA#: <b>F224751</b>
Replaces: 065170
Notes: 5.5"



### 1 - 1/2" 10 Spline Teeth

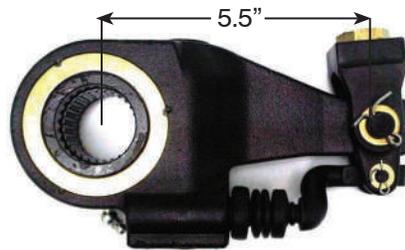
FortproUSA#: <b>F224752</b>
Replaces: 065172
Notes: 6"





## AUTOMATIC SLACK ADJUSTERS

### 1 - 1/2" 28 Spline Teeth

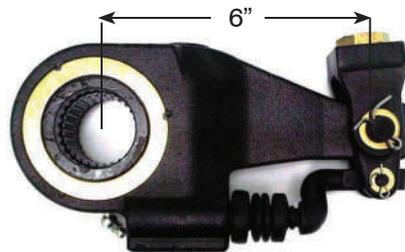


FortproUSA#: **F224753**

Replaces: 065174

Notes: 5.5"

### 1 - 1/2" 28 Spline Teeth

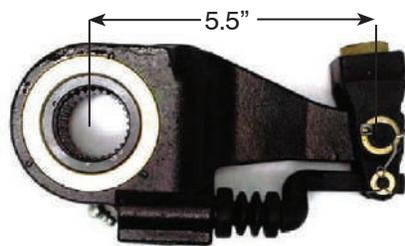


FortproUSA#: **F224754**

Replaces: 065176

Notes: 6"

### 1 - 5/8" 37 Spline Teeth

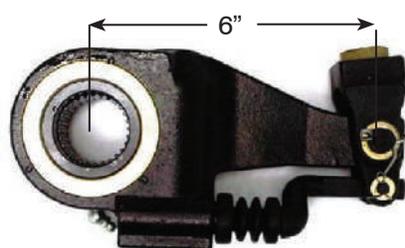


FortproUSA#: **F224926**

Replaces: 065178

Notes: 5.5"

### 1 - 5/8" 37 Spline Teeth



FortproUSA#: **F224755**

Replaces: 065179, 065194

Notes: 6"





## AUTOMATIC SLACK ADJUSTERS

### 1 - 1/2" 28 Spline Teeth

FortproUSA#: **F224927**

Replaces: 40010140

Notes: 5", 6"



### 1 - 1/2" 28 Spline Teeth

FortproUSA#: **F224928**

Replaces: 40010141

Notes: 5.5", 6.5"



### 1 - 1/2" 10 Spline Teeth

FortproUSA#: **F224929**

Replaces: 40010143

Notes: 5.5", 6.5"



### 1 - 1/2" 28 Spline Teeth

FortproUSA#: **F224930**

Replaces: 40010144

Notes: 6"



## AUTOMATIC SLACK ADJUSTERS

### 1 - 1/2" 28 Spline Teeth



FortproUSA#: **F224931**

Replaces: 40010211

Notes: 5.5"

### 1 - 1/2" 28 Spline Teeth



FortproUSA#: **F224932**

Replaces: 40010212

Notes: 6"



FortProUSA#	Replaces	Spline Teeth	Notes
<b>F225061</b>	AS1132	1 1/2" - 10	5 1/2"
<b>F225062</b>	AS1133	1 1/2" - 10	6"
<b>F225063</b>	AS1140	1 1/2" - 28	5 1/2"
<b>F225064</b>	AS1141	1 1/2" - 28	6"
<b>F225065</b>	AS1136	1 1/4" - 10	5 1/2"
<b>F225066</b>	AS1138	1 1/4" - 24	5 1/2"



## LINED BRAKE SHOES

### 4515E / 4515P - Lined Brake Shoe

FortproUSA#: **F224840**

Replaces: 4515E / 4515P

Notes: 23K, 16 1/2" X 7"



### 4515Q - Lined Brake Shoe

FortproUSA#: **F224841**

Replaces: 4515Q

Notes: 23K, 16-1/2" X 7"



### 4707Q - Lined Brake Shoe

FortproUSA#: **F224855**

Replaces: 4707Q

Notes: 23K, 16-1/2" X 7"



### 4709ESII - Lined Brake Shoe

FortproUSA#: **F224844**

Replaces: 4709ESII

Notes: 23K, 16-1/2" X 7"





## LINED BRAKE SHOES

### 4311E - Lined Brake Shoe



FortproUSA#: **F224838**

Replaces: 4311E

Notes: 23K, 16-1/2" X 7"

### 4524Q - Lined Brake Shoe



FortproUSA#: **F224859**

Replaces: 4524Q

Notes: 23K, 16-1/2" X 5" (Mack)

### 4702Q - Lined Brake Shoe



FortproUSA#: **F224846**

Replaces: 4702Q

Notes: 23K, 15" X 4"

### 1443E - Lined Brake Shoe



FortproUSA#: **F224857**

Replaces: 1443E

Notes: 23K, 15" X 4"





### 1308E - Lined Brake Shoe

FortproUSA#: **F224848**

Replaces: 1308E

Notes: 23K, 15" X 4"



### 1308Q - Lined Brake Shoe

FortproUSA#: **F224861**

Replaces: 1308Q

Notes: 23K, 15" X 4"



## UNLINED BRAKE SHOES

### 4515E / 4515P - Unlined Brake Shoe

FortproUSA#: **F224842**

Replaces: 4515E / 4515P

Notes: 16-1/2" X 7"



### 4515Q - Unlined Brake Shoe

FortproUSA#: **F224843**

Replaces: 4515Q

Notes: 16-1/2" X 7"





## UNLINED BRAKE SHOES

### 4707Q Unlined Brake Shoe



FortproUSA#: **F224856**

Replaces: 4707Q

Notes: 16-1/2" X 7"

### 4709ESII - Unlined Brake Shoe



FortproUSA#: **F224845**

Replaces: 4709ESII

Notes: 16-1/2" X 7"

### 4311E - Unlined Brake Shoe



FortproUSA#: **F224839**

Replaces: 4311E

Notes: 16-1/2" X 7"

### 4524Q - Unlined Brake Shoe



FortproUSA#: **F224860**

Replaces: 4524Q

Notes: 16-1/2" X 5" (Mack)





## UNLINED BRAKE SHOES

### 4702Q - Unlined Brake Shoe

FortproUSA#: **F224847**

Replaces: 4702Q

Notes: 15" X 4"



### 1443E - Unlined Brake Shoe

FortproUSA#: **F224858**

Replaces: 1443E

Notes: 15" X 4"



### 1308E - Unlined Brake Shoe

FortproUSA#: **F224849**

Replaces: 1308E

Notes: 15" X 4"



### 1308Q - Unlined Brake Shoe

FortproUSA#: **F224862**

Replaces: 1308Q

Notes: 15" X 4"





## UNLINED BRAKE SHOES



FortProUSA#	Shoe Type	Brake Size	Notes
<b>F225040</b>	4710Q	15" X 8 5/8"	Unlined
<b>F225041</b>	4514	16 1/2" X 6"	Unlined
<b>F225042</b>	4715Q	16 1/2" X 6"	Unlined
<b>F225043</b>	4719	16 1/2" X 5"	Unlined
<b>F225044</b>	4725	16 1/2" X 6"	Unlined





## NEW LINED SHOE BOX KIT



\* Kit part numbers contain 2 new lined shoes and 1 hardware kit.

FortProUSA#	Shoe Type	Brake Size	Notes
<b>F224911</b>	4515E / 4515P	16 1/2" X 7"	23K
<b>F224910</b>	4515Q	16 1/2" X 7"	23K
<b>F224914</b>	4707Q	16 1/2" X 7"	23K
<b>F224912</b>	4709ESII	16 1/2" X 7"	23K
<b>F224913</b>	4311E	16 1/2" X 7"	23K
<b>F224918</b>	4524Q	16 1/2" X 5"	23K
<b>F224915</b>	4702Q	15" X 4"	23K
<b>F224917</b>	1443E	15" X 4"	23K
<b>F224916</b>	1308E	15" X 4"	23K
<b>F224919</b>	1308Q	15" X 4"	23K
<b>F224920</b>	4720Q	16 1/2" X 5"	23K
<b>F224921</b>	4715Q	16 1/2" X 6"	23K
<b>F224922</b>	4514	16 1/2" X 6"	23K
<b>F224923</b>	4719	16 1/2" X 5"	23K
<b>F224924</b>	4710Q	15" X 8 5/8"	23K
<b>F224925</b>	4725	16 1/2" X 6"	23K





## BRAKE LINING SETS



FortProUSA#	Reference	PCS/Set	Notes
F224950	4515	8	23K
F224953	4707	8	23K
F224951	4709	8	23K
F224952	4311	8	23K
F224957	4524	8	23K
F224954	4702	8	23K
F224956	1443	4	23K
F224955	1308	4	23K
F224958	4527	8	23K
F224959	4710	8	23K
F224960	4715	8	23K
F224961	4719	8	23K
F224962	4725	8	23K
F224963	4726	8	23K
F224964	4714	8	23K
F224830	9144	8	23K Isuzu (NPR)
F224831	9107	8	23K Ford Cargo 815
F224832	4705	8	23K Iveco Stralis
F224833	4720	8	23K





## BRAKE DRUMS



FortProUSA#	Reference	Description	Wheel Type	Bolt Holes No.
<b>F224935</b>	3600AX	BRAKE DRUM, REAR TRUCK	DISC	10
<b>F224935P</b>	3600AX	POLISH FINISH	DISC	10
<b>F224936</b>	3141B	BRAKE DRUM, REAR TRUCK	DISC	8
<b>F224937</b>	2983C	BRAKE DRUM, TRAILER	Spoke	5/6
<b>F224938</b>	3721AX	BRAKE DRUM, FRONT TRUCK	DISC	10
<b>F224939</b>	3800X	BRAKE DRUM, FRONT TRUCK	DISC	10
<b>F224940</b>	8656	BRAKE DRUM, REAR TRUCK	Spoke	6
<b>F224941</b>	3197	BRAKE DRUM, REAR TRUCK	Spoke	6
<b>F224942</b>	3826	BRAKE DRUM, TRAILER	Spoke	6
<b>F224943</b>	3141	REAR TRUCK	DISC	10
<b>F224944</b>	3402X	REAR TRUCK	DISC	10
<b>F224945</b>	3166	TRAILER	DISC	10
<b>F224946</b>	3758	FRONT TRUCK	DISC	10
<b>F224947</b>	3687	FRONT TRUCK	DISC	10
<b>F224933</b>	3120	Brake Drum	Disc	10
<b>F224934</b>	3018A	Brake Drum	Spoke / Disc	10
<b>F224948</b>	2997	Brake Drum	Spoke	5
<b>F224949</b>	3595A	Brake Drum	Disc	10
<b>F224965</b>	3295A	Brake Drum	Spoke	5
<b>F224966</b>	3744X	Brake Drum	Disc	10
<b>F224980</b>	68765F, 2546C	Brake Drum	Spoke	5/6
<b>F224981</b>	2705	Brake Drum	Disc	10
<b>F224982</b>	3807	Brake Drum	Disc	10
<b>F224983</b>	3158X	Brake Drum	Disc	10





## HUBS

### Truck & Trailer Hubs



FortproUSA#: **F276298**

**Replaces:** 15984, 2023, E-9348

**Notes:** Inner bearing cup HM218210, Inner bearing cone HM218248, Outer bearing cup HM212011, Outer bearing cone HM212049, No. Studs 10

### Truck & Trailer Hubs



FortproUSA#: **F276299**

**Replaces:** 15502, 2323, E-9349

**Notes:** Inner bearing cup HM518410, Inner bearing cone HM518445, Outer bearing cup HM518410, Outer bearing cone HM518445, No. Studs 10

### Truck & Trailer Hubs



FortproUSA#: **F276300**

**Replaces:** 2643

**Notes:** Inner bearing cup 592A, Inner bearing cone 594A & 598A, Outer bearing cup 572, Outer bearing cone 580, No. Studs 10





## BRAKE REPAIR KITS

**FortproUSA#: F224804**

**Replaces:** E2769SHD, KIT8000HD

**Notes:** 4515Q, 4707Q, 4524Q, 4514Q, 4551Q, 4549Q



**FortproUSA#: F224810**

**Replaces:** E1816SHD, KIT9001

**Notes:** 4515E / 4515P



**FortproUSA#: F224803**

**Replaces:** E10244S

**Notes:** 4709ESII



**FortproUSA#: F224811**

**Replaces:** E1887AHD

**Notes:** 4311E



## BRAKE REPAIR KITS



FortproUSA#: **F224813**

Replaces: E9064, KIT8824HD

Notes: 4702Q



FortproUSA#: **F224814**

Replaces: E5139

Notes: 1308E, 1443E



FortproUSA#: **F224815**

Replaces: E3869, KIT8029

Notes: 1308Q



FortproUSA#: **F224805**

Replaces: E5481

Notes: 4709ES



## BRAKE REPAIR KITS

<b>FortproUSA#: F224806</b>
<b>Replaces: E9644</b>
<b>Notes: 4715, 4720</b>



<b>FortproUSA#: F224816</b>
<b>Replaces: E9643</b>
<b>Notes: L 9 1/16", OD 1 3/16" for 16 1/2" Brakes</b>



## BRAKE SHOE RETURN SPRINGS



FortproUSA#: **F224798**

Replaces: E3490B, 2258W803

Notes: L 8-3/8", OD 1-1/4" for 16-1/2" Brakes



FortproUSA#: **F224800**

Replaces: E18808, 2258Z416

Notes: L 8", OD 1-1/4" for 16-1/2" Brakes



FortproUSA#: **F224799**

Replaces: E1428A, 78580

Notes: L 10-13/16", OD 1-1/8" for 16-1/2" Brakes



FortproUSA#: **F224809**

Replaces: E2804, 100091

Notes: L 11- 3/8", OD 1-1/4" for 18" Brakes



## BRAKE SHOE RETAINER SPRINGS

FortproUSA#: **F224801**

Replaces: E1418, 70326

Notes: L 4-17/32", OD 1"



FortproUSA#: **F224802**

Replaces: E2767, 2258Q615

Notes: L 5-1/2", OD 3/4"



FortproUSA#: **F224808**

Replaces: E2805, 1000092

Notes: L 4-5/8", OD 1-1/4"



FortproUSA#: **F224807**

Replaces: E5088, 2258X804

Notes: L 6-5/16", OD 3/4"





## BRAKE COMPONENTS

### Roller



FortproUSA#: **F225002**

Replaces: E595

Notes: L 25/32", OD 1-5/8", ID 15/16"

### Roller Pin



FortproUSA#: **F225003**

Replaces: E596A

Notes: L 1-25/32", OD 59/64"

### Roller



FortproUSA#: **F225008**

Replaces: E523

Notes: L 2-7/32", OD 1-1/4"

### Roller



FortproUSA#: **F225009**

Replaces: E781

Notes: L 2-7/32", OD 1-3/8"





## BRAKE COMPONENTS

### Anchor Pin

FortproUSA#: **F225013**

Replaces: E512

Notes: L 2-7/8", OD 1-1/4"



### Anchor Pin

FortproUSA#: **F225014**

Replaces: E502

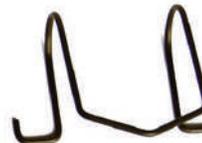
Notes: L 3-3/4", OD 1-1/4"



### Roller Retainer

FortproUSA#: **F225023**

Replaces: E539



### Spring Clip

FortproUSA#: **F225026**

Replaces: E747

Notes: L 2 3/4", OD 1/4





## BRAKE COMPONENTS

### Lock Ring



FortproUSA#: **F225019**

Replaces: E801

Notes: ID 1-1/8", Thickness 1/16"

### Steel Rivet



FortproUSA#: **F224969**

Replaces: 10-10

Notes: Head 1/2", Body 1/4", L 10/16"

### Steel Rivet



FortproUSA#: **F224968**

Replaces: 10-9

Notes: Head 1/2", Body 1/4", L 9/16"

### Steel Rivet



FortproUSA#: **F224967**

Replaces: 10-8

Notes: Head 1/2", Body 1/4", L 1/2"





## BRAKE CAMSHAFTS



FortProUSA#	Replaces	Shaft Length	Spline
<b>F224970LH</b>	2210X5640S	8-21/32"	1 1/2 - 10
<b>F224970RH</b>	2210W5639S	8-21/32"	1 1/2 - 10
<b>F224974LH</b>	2210F5440S	8-11/16"	1 1/2 - 28
<b>F224974RH</b>	2210E5439S	8-11/16"	1 1/2 - 28
<b>F224978LH</b>	2210D6036	11-19/64"	1 1/2 - 28
<b>F224978RH</b>	2210C6035	11-19/64"	1 1/2 - 28
<b>F224821LH</b>	E1425	20-7/16"	1 1/2 - 10
<b>F224820RH</b>	E1424	20-7/16"	1 1/2 - 10
<b>F224826LH</b>	E1563	16-1/8"	1 5/8 - 37
<b>F224826RH</b>	E1564	16-1/8"	1 5/8 - 37
<b>F224822LH</b>	2210X6576, E2445A	24-1/16"	1 1/2 - 28
<b>F224822RH</b>	2210W6575, E2446A	24-1/16"	1 1/2 - 28
<b>F224823LH</b>	2210M4329, E2441A	17"	1 1/2 - 28
<b>F224823RH</b>	2210L4328, E2442A	17"	1 1/2 - 28
<b>F224824LH</b>	2210R4334, E2443A	20-13/32"	1 1/2 - 28
<b>F224824RH</b>	2210Q4333, E2444A	20-13/32"	1 1/2 - 28
<b>F224825LH</b>	2210D5360, E1148B	11-1/2"	1 1/2 - 10
<b>F224825RH</b>	2210C5359, E1147B	11-1/2"	1 1/2 - 10





## CAMSHAFT REPAIR KITS

### Camshaft Repair Kits

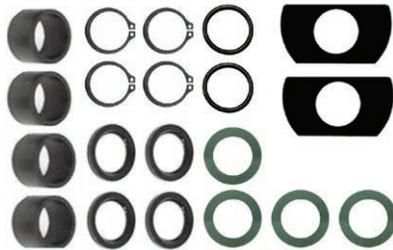


FortproUSA#: **F224994**

Replaces: KIT8042, E3993B

Notes: For Rockwell 15" & 16-1/2" Drive Axels "Q" & "Q+" Brakes

### Camshaft Repair Kits



FortproUSA#: **F224995**

Replaces: KIT9078, E2086B

Notes: For Rockwell 16-1/2" & 18" Drive Axels "P" Brake, Universal

### Camshaft Repair Kits



FortproUSA#: **F224996**

Replaces: E9080, HBK3217

Notes: For Rockwell 16-1/2", "P" & "Q" Drive Axel Brakes, W / 2-1/2" Spider Offset

### Camshaft Repair Kits



FortproUSA#: **F224997**

Replaces: E2125, 78500

Notes: For 15" & 16-1/2" Brakes Eaton Seft-Contained Drive Axels





## CAMSHAFT REPAIR KITS

### Camshaft Repair Kits

FortproUSA#: **F225001**

Replaces: KIT8048, 3520AHD

Notes: For 16-1/2" Late Model Rockwell  
4000-6000 Series Trailer Axles

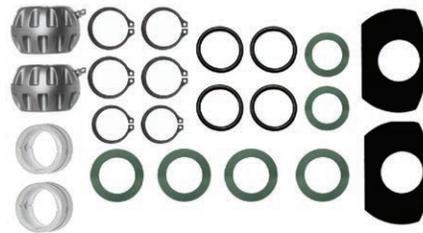


### Camshaft Repair Kits

FortproUSA#: **F224998**

Replaces: E2469

Notes: For Spicer, Forge Axles Late  
Model



### Camshaft Repair Kits

FortproUSA#: **F224999**

Replaces: E9079HD

Notes: For Rockwell Q, Q+ Trailer Axle  
- Bolt on Bushing





## BRAKE COMPONENTS

### Camshaft Lock Ring



FortproUSA#: **F225018**

Replaces: E526, 1229Z1118

Notes: I.D. 1-31/64", Thickness 1/16"

### Camshaft Lock



FortproUSA#: **F225020**

Replaces: E3234, 804017

### Camshaft Bushing



FortproUSA#: **F224992**

Replaces: E2551, 1225X804

Notes: L 1-23/32", OD 1-7/8" ID 1-1/2"

### Camshaft Bushing



FortproUSA#: **F224993**

Replaces: E536, 1225N378

Notes: L 1-1/4", OD 1-7/8", ID 1-1/2"





## AIR COMPONENTS

### AD-IP Air Dryer

FortproUSA#: **F224898**

Replaces: 065612, 109477



### AD-IP Cartridge

FortproUSA#: **F224850**

Replaces: 065624



### AD-IS Air Dryer

FortproUSA#: **F224868**

Replaces: 801266, 5010694,  
5015533, 5015534,  
5010696X



### System Saver Air Dryer

FortproUSA#: **F224677**

Replaces: R955205





## AIR COMPONENTS

### AD-SP Air Dryer



FortproUSA#: **F224894**

Replaces: 800887,065691,26QE433

Notes: Delivery Port (1) 1/2" P.T.  
Supply Port (1) 1/2" P.T.  
Control Port (1) 1/4" P.T.

### Purge Valve Kit



FortproUSA#: **F224895**

Replaces: R950014

### Turbo Cut-Off Valve Kit



FortproUSA#: **F224896**

Replaces: R950015

### Single Check Valve



FortproUSA#: **F224897**

Replaces: 431003100





## AIR COMPONENTS

### D-2 Governor

**FortproUSA#:** F224710

**Replaces:** 275491, KN18530,  
20QE275P1, LGV3645

**Notes:** All Ports 1/8" P.T.



### AD-9 Air Dryer

**FortproUSA#:** F224680

**Replaces:** 065225, 26QE377

**Notes:** Supply Port (1) 1/2" P.T.  
Delivery Port (1) 1/2" P.T.



### AD-9 Cartridge

**FortproUSA#:** F224785

**Replaces:** 107796, 1685515C91

**Notes:** Dia. 5.85", High 9.5"



### AD-9 Valve Purge

**FortproUSA#:** F224681

**Replaces:** 800405, 5004341



## AIR COMPONENTS

### AD-SP Cartridge



FortproUSA#: **F224678**

Replaces: 109994

Notes: Dia. 5.62" High 5"

### AD-4 Cartridge



FortproUSA#: **F224787**

Replaces: 104358

Notes: Dia. 5.85" High 10.35"

### ABS Relay Emergency Valve



FortproUSA#: **F224605**

Replaces: 4725001230

Notes: Assemble

FortproUSA#: **F224606**

Replaces: 4721950780

Notes: Left ABS Modulator Valve

FortproUSA#: **F224607**

Replaces: 4721950790

Notes: Right ABS Modulator Valve



## AIR COMPONENTS

### Manual Drain Valve

FortproUSA#: **F224786**

Replaces: 12105

Notes: 1/4" P.T., 5 ft. Long Cable



### DV-2 Drain Valve

FortproUSA#: **F224656**

Replaces: 281923, 282569, 20QE1189

Notes: 1/4" P.T.

Repair Kit: FortProUSA#: F224632  
Replaces: 282134



### E-3 Foot Valve

FortproUSA#: **F224706**

Replaces: 277863, KN22100

Notes: Supply Ports (2) 1/2" P.T.  
Auxiliary Ports (2) 1/4" P.T.  
Delivery Ports (4) 1/2" P.T.

Repair Kit: FortProUSA#: F224633  
Replaces: 289329



### E-5 Foot Valve

FortproUSA#: **F224683**

Replaces: 279950

Notes: Supply Port (1) 1/2" P.T.  
Supply Port (1) 1/8" P.T.  
Supply Ports (5) 1/4" P.T.  
Delivery Ports (2) 1/4" P.T.  
Mounting Stud (3) 3/8" 24

Repair Kit: FortProUSA#: F224634  
Replaces: 281084



## AIR COMPONENTS

### E-6 Foot Valve



FortproUSA#: **F224707**

Replaces: 286171, KN22140, 20QE3114R

Notes: Supply Ports (4) 3/8" P.T.  
Delivery Ports (4) 3/8" P.T.

Repair Kit: FortProUSA#: F224635  
Replaces: 289335

### E-7 Foot Valve



FortproUSA#: **F224684**

Replaces: 288383

Notes: Supply Ports (4) 1/4", (2) 1/2", (1) 1/8" P.T.  
Delivery Ports (4) 1/4", (2) 1/2" P.T.  
Mounting Holes (3) 3/8" - 16

Repair Kit: FortProUSA#: F224636  
Replaces: 289352

### E-8P Foot Valve



FortproUSA#: **F224682**

Replaces: 800629, 20QE3296AM

Notes: Supply Ports (4) 3/8" P.T.  
Delivery Ports (4) 3/8" P.T.  
Auxiliary Ports (1) 3/8" P.T.

Repair Kit: FortProUSA#: F224635  
Replaces: 289335

### Treadle



FortproUSA#: **F224688**

Replaces: SN4017A, 3MX451

Notes: 45° Angle



## AIR COMPONENTS

### BP-R1 Relay Valve

<b>FortproUSA#:</b> F224783
<b>Replaces:</b> 065146
<b>Notes:</b> Delivery Ports (2) 1/2" , (2) 3/8" P.T. Supply Port (1) 1/2" P.T. Control Port (1) 1/8" P.T. Service Port (1) 1/4" P.T.
<b>Repair Kit:</b> FortProUSA#: F224639 Replaces: 106932



### R-5 Relay Valve

<b>FortproUSA#:</b> F224689
<b>Replaces:</b> KN28060, 229467
<b>Notes:</b> Delivery Ports (2) 3/8" P.T. Reservoir Ports (2) 1/2" P.T. Control Port (1) 3/8" P.T. 4.6 psig Cracking Pressure
<b>Repair Kit:</b> FortProUSA#: F224640 Replaces: RN10HK



### R-6 Relay Valve

<b>FortproUSA#:</b> F224704
<b>Replaces:</b> 280375, 279180
<b>Notes:</b> Supply Ports (1) 1/2" P.T. Delivery Ports (4) 3/8" P.T. Service Port (1) 1/4" P.T.
<b>Repair Kit:</b> FortProUSA#: F224741 Replaces: 280856



### R-8 Relay Valve

<b>FortproUSA#:</b> F224690
<b>Replaces:</b> 286370
<b>Notes:</b> Supply Ports (2) 3/4" P.T. Delivery Ports (2) 1/2" P.T. Service Port (1) 1/4" P.T.
<b>Repair Kit:</b> FortProUSA#: F224641 Replaces: 287370



## AIR COMPONENTS

### R-12 Relay Valve



**FortproUSA#:** F224702

**Replaces:** 102626, A86473

**Notes:** Supply Port (1) 1/2" P.T.  
Delivery Ports (4) 1/2" P.T.  
Service Port (1) 1/4" P.T.  
4 psig Cracking Pressure

**Repair Kit:** FortProUSA#: F224642  
Replaces: 102802

### R-12H Relay Valve



**FortproUSA#:** F224637

**Replaces:** 103009, 102537, 20QE347, KN28140,  
1677541C91

**Notes:** Supply Ports (2) 3/4" P.T.  
Delivery Ports (2) 1/2" P.T.  
Service Port (1) 1/4" P.T.  
4 psig Cracking Pressure

### R-12H Relay Valve



**FortproUSA#:** F224709

**Replaces:** 065125, 20QE458

**Notes:** Supply Ports (2) 1/2" P.T.  
Delivery Ports (2) 1/2" P.T.  
Service Port (1) 1/4" P.T.  
5.5 psig Cracking Pressure

**Repair Kit:** FortProUSA#: F224642  
Replaces: 102802

### R-14 Relay Valve



**FortproUSA#:** F224716

**Replaces:** 103028

**Notes:** Supply Port (1) 1/2" P.T.  
Delivery Ports (4) 1/2" P.T.  
Service Ports (1) 1/4" P.T.  
Balance Ports (1) 1/8" P.T.  
4 psig Cracking Pressure

**Repair Kit:** FortProUSA#: F224642  
Replaces: 102802



## AIR COMPONENTS

### R-14H Relay Valve

<b>FortproUSA#:</b> F224713
<b>Replaces:</b> 104574
<b>Notes:</b> Supply Ports (2) 1/2" P.T. Delivery Ports (2) 1/2" P.T. Control Port (1) 1/4" P.T. Balance Port (1) 1/8" P.T. 4 psig Cracking Pressure
<b>Repair Kit:</b> FortProUSA#: F224642 Replaces: 102802



### R-14H Relay Valve

<b>FortproUSA#:</b> F224717
<b>Replaces:</b> 103010
<b>Notes:</b> Supply Ports (2) 3/4" P.T., (1) 1/2 P.T. Delivery Ports (2) 1/2" P.T. Service Port (1) 1/8" P.T., Balance Port (1) 1/8" P.T. 6 psig Cracking Pressure
<b>Repair Kit:</b> FortProUSA#: F224642 Replaces: 102802



### RG-2 Relay Valve

<b>FortproUSA#:</b> F224691
<b>Replaces:</b> KN28510
<b>Notes:</b> Supply Port (1) 3/8" P.T., (1) 1/2 P.T. Delivery Ports (2) 3/8" P.T. Control Port (1) 1/4" P.T. 6 psig Cracking Pressure
<b>Repair Kit:</b> FortProUSA#: F224643 Replaces: RN10HM



### RG-2 Relay Valve

<b>FortproUSA#:</b> F224720
<b>Replaces:</b> KN28500
<b>Notes:</b> Supply Ports (2) 3/8" P.T. Delivery Ports (2) 3/8" P.T. Control Port (1) 1/4" P.T. 6 psig Cracking Pressure
<b>Repair Kit:</b> FortProUSA#: F224643 Replaces: RN10HM



## AIR COMPONENTS

### A1000S Emergency Relay Valve



**FortproUSA#: F224744**

**Replaces:** A1000S

**Notes:** Supply Port (1) 1/2" P.T.  
Delivery Ports (4) 1/4" P.T.  
Control Port (2) 1/4" P.T.  
Emergency Supply Port (1) 1/4" P.T.

**Repair Kit:** FortProUSA#: F224644  
Replaces: 10005A

### Emergency Relay Trailer Valve



**FortproUSA#: F224692**

**Replaces:** 110200, KN30010

**Notes:** Supply Port (1) 3/4" P.T.  
Delivery Ports (4) 3/8" P.T.  
Control Port (2) 1/4" P.T.  
Emergency Supply Port (1) 1/4" P.T.  
4-5 psig Cracking Pressure

**Repair Kit:** FortProUSA#: F224645  
Replaces: 110201

### Emergency Relay Valve



**FortproUSA#: F224701**

**Replaces:** KN30400

**Notes:** Supply Ports (1) 3/4" P.T.  
Delivery Ports (4) 3/8" P.T.  
Service Port (1) 1/4" P.T.  
Emergency Supply Port (1) 1/4" P.T.  
4.5 psig Cracking Pressure

**Repair Kit:** FortProUSA#: F224646  
Replaces: RN10HL

### Emergency Relay Valve



**FortproUSA#: F224708**

**Replaces:** KN30300

**Notes:** Supply Ports (1) 3/4" P.T.  
Delivery Ports (4) 1/4" P.T.  
Service Port (1) 1/4" P.T.  
Emergency Supply Port (1) 1/4" P.T.  
4.5 psig Cracking Pressure

**Repair Kit:** FortProUSA#: F224646  
Replaces: RN10HL



## AIR COMPONENTS

### RE-6 Emergency Relay Valve

<b>FortproUSA#:</b> F224703
<b>Replaces:</b> 281865
<b>Notes:</b> Supply Ports (1) 3/4" P.T., (1) 3/8" P.T. Delivery Ports (2) 3/8" P.T. , (2) 1/4" P.T. Service Port (1) 1/4" P.T. Emergency Supply Port (1) 1/4" P.T.
<b>Repair Kit:</b> FortProUSA#: F224740 Replaces: 282812



### FF-2 Full Function Trailer Valve

<b>FortproUSA#:</b> F224693
<b>Replaces:</b> KN28601
<b>Notes:</b> Supply Port (1) 3/8" P.T. Control Port (1) 1/4" P.T. Reservoir Ports (1) 1/2" P.T. Service Brake Ports (4) 3/8" P.T. Spring Brake Ports (2) 3/8" P.T. 3 psig Cracking Pressure



### FF-2 Full Function Trailer Valve

<b>FortproUSA#:</b> F224694
<b>Replaces:</b> KN28600
<b>Notes:</b> Supply Port (1) 3/8" P.T. Control Port (1) 1/4" P.T. Reservoir Ports (1) 3/4" P.T. Service Brake Ports (4) 3/8" P.T. Spring Brake Ports (2) 3/8" P.T. 3 psig Cracking Pressure



### RT-4 Multifunction Trailer Valve

<b>FortproUSA#:</b> F224790
<b>Replaces:</b> KN26000
<b>Notes:</b> Supply Ports (2) 3/8" P.T. Delivery Ports (4) 3/8" P.T. Control Port (1) 3/8" P.T. Reservoir Port (1) 1/2" P.T., (1) 3/8" P.T. 55 psig Closing Pressure



## AIR COMPONENTS

### Trailer Brake Control Valve



**FortproUSA#:** F224695

**Replaces:** KN20541

**Notes:** All Ports 1/4" P.T.

### TC-2 Control Trailer Valve



**FortproUSA#:** F224718

**Replaces:** 276793, 20QE351AP3

**Notes:** All Ports 1/4" P.T.

**Repair Kit:** FortProUSA#: F224647  
Replaces: 276122

### TC-2 Control Trailer Valve



**FortproUSA#:** F224696

**Replaces:** KN20561

**Notes:** All Ports 1/4" P.T.

**Repair Kit:** FortProUSA#: F224638  
Replaces: RN10GJ

### QR-1 Quick Release Valve



**FortproUSA#:** F224697

**Replaces:** 229859, KN32005

**Notes:** Supply Port (1) 3/8" P.T.  
Delivery Ports (2) 3/8" P.T.

**Repair Kit:** FortProUSA#: F224627  
Replaces: 245835



## AIR COMPONENTS

### QR-1 Quick Release Valve

FortproUSA#: **F224712**

Replaces: 229860

Notes: Supply Port (1) 1/2" P.T.  
Delivery Ports (2) 3/8" P.T.

Repair Kit: FortProUSA#: F224627  
Replaces: 245835



### QR-1 Quick Release Valve

FortproUSA#: **F224687**

Replaces: 229813

Notes: Supply Port (1) 3/8" P.T.  
Delivery Ports (2) 1/4" P.T.

Repair Kit: FortProUSA#: F224627  
Replaces: 245835



### QR-1 Quick Release Valve

FortproUSA#: **F224700**

Replaces: 229844

Notes: Supply Port (1) 1/2" P.T.  
Delivery Ports (2) 1/4" P.T.

Repair Kit: FortProUSA#: F224627  
Replaces: 245835



### QR-1C Quick Release Valve

FortproUSA#: **F224699**

Replaces: 289714, KN32041, 20QE2288

Notes: Supply Ports (1) 1/4" P.T.  
Delivery Ports (2) 3/8" P.T.  
Balance Port (1) 1/4" P.T.

Repair Kit: FortProUSA#: F224626  
Replaces: RN19AF



## AIR COMPONENTS

### QR-1C Quick Release Valve



**FortproUSA#:** F224698

**Replaces:** 289182

**Notes:** Supply Ports (1) 1/4" P.T.  
Delivery Ports (2) 1/4" P.T.  
Balance Port (1) 1/4" P.T.

**Repair Kit:** FortProUSA#: F224626  
Replaces: RN19AF

### TR-3 Inversion Valve



**FortproUSA#:** F102601

**Replaces:** 281459

**Notes:** Supply Port (1) 1/4" P.T.  
Delivery Port (1) 1/4" P.T.  
Control Port (1) 1/8" P.T.  
25-40 psig Setting

### Inversion Valve



**FortproUSA#:** F224686

**Replaces:** KN28030

**Notes:** All Ports 1/4" P.T.

**Repair Kit:** FortProUSA#: F224631  
Replaces: RN10EV

### TP-3DC Tractor Protection Valve



**FortproUSA#:** F224685

**Replaces:** 065706

**Notes:** Control Ports (2) 3/8" P.T., (1) 1/2" P.T.  
Supply Ports (2) 1/4" P.T., (1) 1/2" P.T.  
Stop Light Switch Part (1) 1/4" P.T.



## AIR COMPONENTS

### TP-3 Tractor Protection Valve

<b>FortproUSA#:</b> F224739
<b>Replaces:</b> 27900, KN34060, 401025, 20QE377
<b>Notes:</b> Service Tractor Port (1) 3/8" P.T. Service Trailer Port (1) 1/2" P.T. Emergency Tractor Port (1) 1/4" P.T. Emergency Trailer Port (1) 1/2" P.T.
<b>Repair Kit:</b> FortProUSA#: F224630 Replaces: 280858



### TP-5 Tractor Protection Valve

<b>FortproUSA#:</b> F224676
<b>Replaces:</b> 288605, 20QE3234
<b>Notes:</b> Stop Ligth Switch Port (1) 1/4" P.T. Service Ports (2) 3/8", (1) 1/2" P.T. Supply Ports (1) 3/8", (1) 1/2" P.T. Trailer Control (1) 3/8" P.T. Tractor Protection (1) 3/8" P.T.
<b>Repair Kit:</b> FortProUSA#: F224629 Replaces: 289061



### Tractor Protection Valve

<b>FortproUSA#:</b> F224675
<b>Replaces:</b> KN34110
<b>Notes:</b> Control Ports (3) 3/8" P.T. Tractor Emergency (1) 3/8" P.T. Trailer Service (1) 1/2" P.T. Trailer Emergency (1) 1/2" P.T.



### R-7 Modulating Valve

<b>FortproUSA#:</b> F224674
<b>Replaces:</b> 103081, 20QE3295
<b>Notes:</b> Supply Port (1) 3/8" P.T. Delivery Ports (2) 3/8" P.T. Balance Port (1) 1/4" P.T. Control Port (1) 1/4" P.T. 95 Psig Spring Brake (Release Pressure)



## AIR COMPONENTS

### RV-1 Pressure Reducing Valve



**FortproUSA#:** F224673

**Replaces:** 283590, 20QE2119P2, 347082R92

**Notes:** Supply Ports (1) 1/4" P.T.  
Delivery Port (1) 1/4" P.T.  
70 psig Delivery Pressure

### PR-2 Pressure Protection Valve



**FortproUSA#:** F224672

**Replaces:** 277147, 1676715C1

**Notes:** Supply Port (1) 1/4" P.T.  
Delivery Port (1) 1/4" P.T.  
65 psig Closing Pressure

### PR-4 Pressure Protection Valve



**FortproUSA#:** F224671

**Replaces:** KN31001, 20QE2128

**Notes:** Supply Port (1) 1/4" P.T.  
Delivery Port (1) 1/4" P.T.  
65 psig Open  
45 psig Closed

### PR-4 Pressure Protection Valve



**FortproUSA#:** F224670

**Replaces:** 20QE2326A

**Notes:** Supply Port (1) 1/4" P.T.  
Delivery Ports (2) 1/4" P.T.  
85 psig Open



## AIR COMPONENTS

### PR-4 Pressure Protection Valve

**FortproUSA#:** F224669

**Replaces:** 288323, 503511C91

**Notes:** Supply Port (1) 1/4" P.T.  
Delivery Port (1) 1/4" P.T.  
70 psig Closing Pressure



### PR-4 Pressure Protection Valve

**FortproUSA#:** F224668

**Replaces:** 286500, 287827, 1676732C1

**Notes:** Supply Port (1) 1/4" P.T.  
Delivery Port (1) 1/4" P.T.  
85 psig Closing Pressure



### Spring Brake Control Valve

**FortproUSA#:** F224667

**Replaces:** 110170

**Notes:** Supply Ports (1) 3/8" P.T.  
Delivery Port (1) 3/8" P.T.  
Control Service (1) 3/8" P.T.  
Trailer Emergency (2) 1/2" P.T.



### SR-1 Spring Brake Valve

**FortproUSA#:** F224711

**Replaces:** 286364, 20QE311OR, 1693173C91

**Notes:** All Ports 1/4" P.T.  
95 Psig Limiting Pressure

**Repair Kit:** FortProUSA#: F224625  
Replaces: 287072



## AIR COMPONENTS

### SR-2 Spring Brake Valve



**FortproUSA#:** F224666

**Replaces:** 287376

**Notes:** Supply Port (1) 1/4" P.T.  
Delivery Ports (4) 3/8" P.T.  
Reservoir Ports (2) 1/4", (1) 3/4" P.T.  
Exhaust Ports (2) 3/8" P.T.

### SR-4 Spring Brake Valve



**FortproUSA#:** F224749

**Replaces:** 101112

**Notes:** Supply Port (1) 1/4" P.T.  
Service Port (1) 1/4" P.T.  
Delivery Ports (4) 3/8" P.T.  
Reservoir Ports (1) 3/4", (2) 1/4" P.T.  
Exhaust Port (1) 3/8" P.T.

### SR-4 Spring Brake Valve



**FortproUSA#:** F224665

**Replaces:** 101622

**Notes:** Supply Port (1) 1/4" P.T.  
Service Port (1) 1/4" P.T.  
Delivery Ports (4) 3/8" P.T.  
Reservoir Ports (1) 1/2", (2) 1/4" P.T.  
Exhaust Port (1) 3/8" P.T.

### SR-5 Spring Brake Valve



**FortproUSA#:** F224664

**Replaces:** 065437

**Notes:** Supply Port (1) 1/4" P.T.  
Service Port (1) 1/4" P.T.  
Delivery Ports (4) 3/8" P.T.  
Reservoir Ports (2) 1/4", (1) 3/4" P.T.  
Exhaust Port (1) 3/4" P.T.



## AIR COMPONENTS

### SR-5 Spring Brake Valve

**FortproUSA#:** F224663

**Replaces:** 065439

**Notes:** Supply Port (1) 1/4" P.T.  
Service Ports (2) 1/4" P.T.  
Delivery Ports (4) 3/8" P.T.  
Reservoir Port (1) 1/2" P.T.  
Exhaust Port (1)  
Anti-Compounding  
Trailer Service Port (1) 1/4" P.T.



### LQ-2 Front Axle Valve

**FortproUSA#:** F224662

**Replaces:** 229505

**Notes:** Supply Port (1) 3/8" P.T.  
Delivery Ports (2) 3/8" P.T.  
Control Port (1) 1/4" P.T.

**Repair Kit:** FortProUSA#: F224624  
Replaces: 282098



### LQ-4 Front Axle Valve

**FortproUSA#:** F224661

**Replaces:** 289144, 20QE3166R

**Notes:** Supply Port (1) 3/8" P.T.  
Delivery Port (1) 3/8" P.T.  
60 Psig Equalizing Pressure

**Repair Kit:** FortProUSA#: F224623  
Replaces: 289500



### LQ-4 Front Axle Valve

**FortproUSA#:** F224660

**Replaces:** 289148

**Notes:** Supply Port (1) 3/8" P.T.  
Delivery Port (1) 3/8" P.T.  
10 Psig Holdoff Pressure



## AIR COMPONENTS

### LQ-5 Front Axle Valve



**FortproUSA#:** F224659

**Replaces:** 065154, 107196, 20QE3338,  
1619733C91

**Notes:** Supply Port (1) 3/8" P.T.  
Delivery Port (1) 3/8" P.T.  
Control Port (1) 1/8" P.T.

### SC-1 Check Valve



**FortproUSA#:** F224658

**Replaces:** KN23010

**Notes:** Supply Port (1) 3/8" P.T.  
Delivery Port (1) 3/8" P.T.

### SC-1 Check Valve



**FortproUSA#:** F224719

**Replaces:** KN23000

**Notes:** Supply Port (1) 1/2" P.T.  
Delivery Port (1) 1/2" P.T.

### SC-1 Check Valve



**FortproUSA#:** F224657

**Replaces:** KN23040

**Notes:** Supply Port (1) 3/4" P.T.  
Delivery Port (1) 3/4" P.T.



## AIR COMPONENTS

### SC-3 Check Valve

**FortproUSA#:** F224655

**Replaces:** 800376, 20QE2207,  
483144C92, 401017

**Notes:** Supply Port (1) 1/2" P.T.  
Delivery Port (1) 1/2" P.T.



### SC-3 Check Valve

**FortproUSA#:** F224654

**Replaces:** 227871, 800372  
1676699C1

**Notes:** Supply Port (1) 1/2" P.T.  
Delivery Port (1) 1/2" P.T.



### DC-4 Double Check Valve

**FortproUSA#:** F224745

**Replaces:** 289296, KN25080  
20QE2199, 278598

**Notes:** Male Port (1) 3/8" P.T.  
Female Ports (1) 1/4" P.T., (2) 3/8" P.T.



### DC-4 Double Check Valve

**FortproUSA#:** F224721

**Replaces:** 280809, 422950C91

**Notes:** All Ports 3/8" P.T.



## AIR COMPONENTS

### DC-4 Double Check Valve



**FortproUSA#:** F224714

**Replaces:** 278614, 283321, KN25060  
20QE2222R, 20QE283R, 764368C92

**Notes:** All Ports 3/8" P.T.

### ST-1 Safety Valve



**FortproUSA#:** F224724

**Replaces:** 205105, 1676692C1

**Notes:** All Ports 1/4" P.T.  
150 Psig Cracking Pressure

### ST-3 Safety Valve



**FortproUSA#:** F224652

**Replaces:** 284142, KN31200, 20QE1129, 13943H

**Notes:** 1/4" P.T.  
150 Psig Cracking Pressure

### ST-3 Safety Valve



**FortproUSA#:** F224651

**Replaces:** KN31400, 20QE1282

**Notes:** 1/4" P.T.  
150 Psig Cracking Pressure



## AIR COMPONENTS

### ST-3 Safety Valve

<b>FortproUSA#:</b> F224649
<b>Replaces:</b> 284143
<b>Notes:</b> 3/8" P.T. 150 Psig Cracking Pressure



### ST-4 Safety Valve

<b>FortproUSA#:</b> F224601
<b>Replaces:</b> 131081
<b>Notes:</b> 3/8" P.T. 250 Psig Cracking Pressure



### Auxiliary Lift Axle Valve

<b>FortproUSA#:</b> F224610
<b>Replaces:</b> 90054079



### Connector

<b>FortproUSA#:</b> F224624
<b>Replaces:</b> 217708, FN300



## AIR COMPONENTS

### Push Pull Knob



FortproUSA#: **F224742**

Replaces: 248433

### Push Pull Knob



FortproUSA#: **F224743**

Replaces: 290655

### Push Pull Knob



FortproUSA#: **F224761**

Replaces: 291041

### PP-1 Push Pull Valve



FortproUSA#: **F224616**

Replaces: 276566

Notes: All Ports 1/8" P.T.  
20 Psig Release

### PP-1 Push Pull Valve



FortproUSA#: **F224705**

Replaces: 276567, 38597C91

Notes: All Ports 1/8" P.T.  
40 Psig Release

### PP-1 Push Pull Valve W/Knob



FortproUSA#: **F224788**

Replaces: 284171

Notes: All Ports 1/8" P.T.  
40 Psig Release  
Includes Knob



## AIR COMPONENTS

### PP-7 Push Pull Valve

<b>FortproUSA#:</b> F224715
<b>Replaces:</b> 288239, 20QE3139R, 1693143C1
<b>Notes:</b> Supply Port (1) 1/8" P.T. Delivery Port (1) 1/4" P.T. Control Port (1) 1/8" P.T. 40 Psig Release



### PP-7 Push Pull Valve

<b>FortproUSA#:</b> F224621
<b>Replaces:</b> 288241
<b>Notes:</b> Supply Port (1) 1/8" P.T. Delivery Port (1) 1/4" P.T. Control Port (1) 1/8" P.T. Exhaust (1) 1/4" P.T. 40 Psig Release



### Push Pull Valve

<b>FortproUSA#:</b> F224619
<b>Replaces:</b> KN20031
<b>Notes:</b> All Ports 1/4" P.T. 25-35 Psig Release



### QR-L Quick Release Valve

<b>FortproUSA#:</b> F224602
<b>Replaces:</b> 800333
<b>Notes:</b> Male Pipe Stud 1/2" P.T. Female Port 1/2" P.T.



## AIR COMPONENTS



FortProUSA#	Type	Replaces	Notes
<b>F224789</b>	MV-3	20QE3316M, KN20603, 800522	Auxiliary Port 1/8" P.T. All other Port 1/4" P.T
<b>F224604</b>	MV-3	800517	All Port 1/4" P.T.
<b>F224611</b>	MV-3	800257	3/8" Pushlock
<b>F224612</b>	MV-3	800259	3/8" Pushlock 1/4" - 20 Thread
<b>F224613</b>	MV-3	800516	All Port 1/4" P.T.
<b>F224614</b>	MV-3	20QE3374, 800445	All Port 1/4" P.T.
<b>F224615</b>	MV-2	KN20615	6 Port 1/4" P.T.

### Leveling Valve



FortproUSA#: **F245604**

Replaces: 20QE3345

Notes: All Ports 1/4" P.T.

### Height Control Valve



FortproUSA#: **F245606**

Replaces: 4640070040



## AIR COMPONENTS

### Height Control Valve

FortproUSA#: **F245563**

Replaces: H00600P



### Height Control Valve

FortproUSA#: **F245564**

Replaces: H00500C



### Adjustable Linkage

FortproUSA#: **F245613**

Replaces: 48100367

FortproUSA#: **F245614**

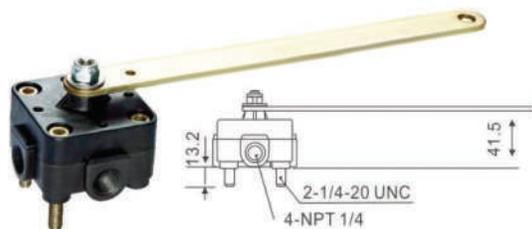
Replaces: 48100225



### Height Control Valve

FortproUSA#: **F245607**

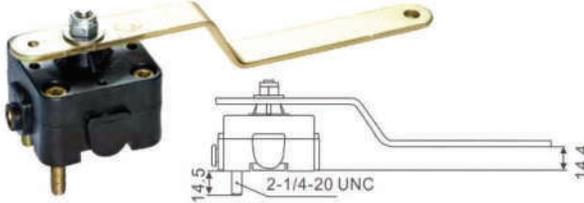
Replaces: 171.H101, KD2204





## AIR COMPONENTS

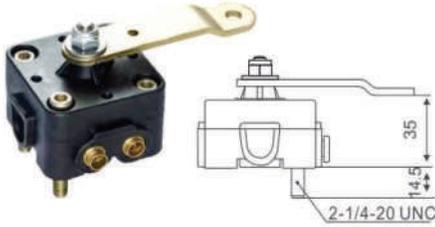
### Height Control Valve



FortproUSA#: **F245608**

Replaces: 171.H103, KD2261

### Height Control Valve



FortproUSA#: **F245609**

Replaces: 171.H104, KD2262

### Height Control Valve



FortproUSA#: **F245565**

Replaces: 90555375

Notes: 7" Adjustable Arm 3 Port  
3/8" PTC Side Manifold  
Normally Open Dump

### Height Control Valve



FortproUSA#: **F245566**

Replaces: 90554950

Notes: 7" Adjustable Arm With Normally Open  
Dump, 3 Port 1/4" NPT Straight Manifold,  
For Truck and Tractor Axle Applications





## AIR COMPONENTS

### Leveling Valve

FortproUSA#: **F245603**

Replaces: HDKVS227

Notes: All Ports 1/4" P.T.



### Leveling Valve

FortproUSA#: **F204401**

Replaces: 90054007

Notes: All Ports 1/8" P.T.



### Leveling Valve

FortproUSA#: **F245601**

Replaces: 20QE3126

Notes: All Ports 1/8" P.T.



### Leveling Valve

FortproUSA#: **F245602**

Replaces: KN27000

Notes: All Ports 1/4" P.T.



## AIR COMPONENTS

### Leveling Valve



FortproUSA#: **F245605**

Replaces: 60501000

Notes: All Ports 1/4" P.T.

### Air Horn Valve



FortproUSA#: **F224900**

Replaces: 86RD13A, 228928

### Air Horn Valve



FortproUSA#: **F224899**

Replaces: 86RD16A, 228431

### Air Horn Valve



FortproUSA#: **F224901**

Replaces: 20QE29317



## AIR COMPONENTS

### Four Circuit Protection Valve

FortproUSA#: **F224784**

Replaces: AE4170

Notes: European Application



### Seat Control Valve

FortproUSA#: **F245625**

Replaces: 800-6222077001

Notes: Seat Height Control  
Valve Kit



### Seat Control Valve

FortproUSA#: **F245626**

Replaces: 9538-1343

Notes: All Ports 1/8" P.T.





## AIR COMPONENTS

### Air Solenoid Valve



**FortproUSA#: F224902**

**Replaces: 20QE3373**

**Notes: All Ports 1/8" P.T. Mack Application**

### Air Solenoid Valve



**FortproUSA#: F224903**

**Replaces: 1689785C91**

**Notes: All Ports 1/8" P.T. International Application**

### Air Solenoid Valve



**FortproUSA#: F224904**

**Replaces: A06-26631-000**

**Notes: All Ports 1/8" P.T. Freightliner Application**





## NOTES:

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## AIR COMPONENTS

### Air Spring Seat Kit

**FortproUSA#: F245579****Replaces:** 800-6222086001

### TW-1 Control Valve

**FortproUSA#: F224747****Replaces:** 229635, 14651, 233699R91**Notes:** All Ports 1/8" P.T.

### Transmission Range Valve

**FortproUSA#: F112864****Replaces:** A-3546, 20QE2116, 265211C94**Notes:** All Ports (1) 1/8" P.T.

### Transmission Selector Valve

**FortproUSA#: F112900****Replaces:** A-6909**Notes:** All Ports 1/16" P.T.



## AIR COMPONENTS

### Transmission Selector Valve

FortproUSA#: **F112901**

Replaces: A-6913

Notes: All Ports 1/16" P.T.



### Transmission Selector Valve

FortproUSA#: **F112902**

Replaces: A-6915

Notes: All Ports 1/16" P.T.



### Transmission Selector Valve

FortproUSA#: **F112903**

Replaces: A-6918

Notes: All Ports 1/16" P.T.



### Transmission Selector Valve

FortproUSA#: **F112904**

Replaces: A-6910

Notes: All Ports 1/16" P.T.



## AIR COMPONENTS

### Transmission Selector Valve



**FortproUSA#:** F123240

**Replaces:** 20QE398

**Notes:** All Ports 1/16" P.T.

### Transmission Selector Valve



**FortproUSA#:** F112920

**Replaces:** A-4487

**Notes:** All Ports 1/16" P.T.

### T2070 / T2080 Selector Valve



**FortproUSA#:** F123245

**Replaces:** 20QE3333

**Notes:** 4 Ports 3/16" Tube

### T2090 / T2100 Selector Valve



**FortproUSA#:** F123246

**Replaces:** 20QE3334A

**Notes:** 3 Ports 3/16" Tube



## AIR COMPONENTS

### T2130 Selector Valve

FortproUSA#: **F123247**

Replaces: 20QE3335A

Notes: 4 Ports 3/16" Tube



### T2180 Selector Valve

FortproUSA#: **F123248**

Replaces: 20QE3336

Notes: 4 Ports 3/16" Tube



### Slave Valve / Fuller Transmission

FortproUSA#: **F112803**

Replaces: A-4688, 422159C92

Notes: All Ports 1/8" P.T.



### Slave Valve / Fuller Transmission

FortproUSA#: **F112805**

Replaces: 216KD41

Notes: All Ports 1/8" P.T.



## AIR COMPONENTS

### Slave Valve / Fuller Transmission



FortproUSA#: **F112804**

Replaces: A-5000

Notes: All Ports 1/8" P.T.

### Slave Valve / Mack Transmission



FortproUSA#: **F123230**

Replaces: 216KD42B

Notes: All Ports 1/8" P.T.

### Valve Insert



FortproUSA#: **F112810**

Replaces: 19974, 363048C91

### Pressure Regulator



FortproUSA#: **F112802**

Replaces: 16743, 464688C91

Notes: Supply Port (1) 1/4" P.T.  
Delivery Port (1) 1/8" P.T.



## AIR COMPONENTS

### Regulator Filter Assembly

**FortproUSA#: F112801**

**Replaces: A-4740**

**Notes: All Ports 1/8" P.T.**



### Spring Brake Control Valve

**FortproUSA#: F224603**

**Replaces: 110500**

**Notes: Spring Brake Priority**



### Gladhand - Universal

**FortproUSA#: F224759**

**Replaces: 275150**

**Notes: Universal**





## AIR COMPONENTS

### Gladhand



FortproUSA#: **F224722**

Replaces: 278524, 59QE124

Notes: Emergency, Red

FortproUSA#: **F224723**

Replaces: 278523, 59QE123

Notes: Service, Blue

### Gladhand



FortproUSA#: **F224763**

Replaces: 12338

Notes: Emergency, Red

FortproUSA#: **F224764**

Replaces: 12336

Notes: Service, Blue

### Gladhand



FortproUSA#: **F224827**

Replaces: 12138

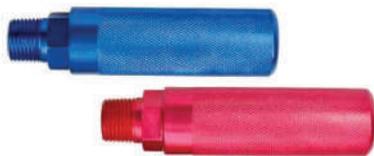
Notes: Emergency, Red

FortproUSA#: **F224828**

Replaces: 12136

Notes: Service, Blue

### Gladhand Grip



FortproUSA#: **F224765**

Replaces: 12600





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## AIR COMPONENTS

### Seal, Hose Coupler



FortproUSA#: **F224760**

Replaces: 248579, 126SK11

FortproUSA#: **F224760B**

Replaces: 10028 (Blue)

FortproUSA#: **F224760R**

Replaces: 10028 (Red)

### Air Hose With Gun



FortproUSA#: **F224628**

Replaces: 63050

Notes: Air Cab Blow Gun Kit

### Air Hose Set



FortproUSA#: **F224748**

Replaces: 73151612

Notes: 15 Ft. Working Length

### Hose Support Spring



FortproUSA#: **F224829**

Replaces: 11600

Notes: O.D. 1-1/18" Length 25"

FortproUSA#: **F224835**

Replaces: 11602

Notes: O.D. 1" Length 12"



## AIR COMPONENTS

### Holder

**FortproUSA#: F224648**

**Replaces: 59QE33**



### Hose Tender (Chrome Finish)

**FortproUSA#: F245551**

**Replaces: 9400G-2**

**Notes: Includes the Clamp**



## AIR COMPONENTS

### Air Brake Hose Assembly



FortProUSA#	Head Size 3/8" & 3/8"	Ref. Tectran
<b>F229080</b>	16118-66	21034
<b>F229081</b>	16120-66	21042
<b>F229082</b>	16124-66	21051
<b>F229083</b>	16126-66	21056
<b>F229084</b>	16128-66	21061
<b>F229085</b>	16130-66	21065
<b>F229086</b>	16132-66	21069
<b>F229087</b>	16136-66	21079
<b>F229088</b>	16140-66	21087
<b>F229089</b>	16148-66	21104
<b>F229090</b>	16160-66	21111
<b>F229091</b>	16160-66	21118
<b>F229092</b>	16172-66	21135

### Nilon tubing



FortProUSA#	Description	O.D.	Length
<b>F225080-100</b>	Nylon Tubing	1/8"	100'
<b>F225081-100</b>	Nylon Tubing	5/32"	100'
<b>F225082-100</b>	Nylon Tubing	3/16"	100'
<b>F225083-100</b>	Nylon Tubing	1/4"	100'
<b>F225084-100</b>	Nylon Tubing	5/16"	100'
<b>F225085-100</b>	Nylon Tubing	3/8"	100'
<b>F225086-100</b>	Nylon Tubing	1/2"	100'
<b>F225087-100</b>	Nylon Tubing	5/8"	100'
<b>F225088-100</b>	Nylon Tubing	3/4"	50'



## AIR COMPONENTS

### Union

FortProUSA#	Part No.	Ref. Tectran	Tube Size
<b>F229021</b>	1362-4	85016	1/4
<b>F229022</b>	1362-6	85017	3/8
<b>F229023</b>	1362-8	85018	1/2
<b>F229024</b>	1362-10	85014	5/8
<b>F229025</b>	1362-12	85015	3/4



### Male Connector

FortProUSA#	Part No.	Ref. Tectran	Tube Size	Pipe Thread
<b>F229026</b>	1368-4A	85049	1/4	1/8
<b>F229027</b>	1368-4B	85050	1/4	1/4
<b>F229028</b>	1368-4C	85051	1/4	3/8
<b>F229029</b>	1368-6A	85052	3/8	1/8
<b>F229030</b>	1368-6B	85053	3/8	1/4
<b>F229031</b>	1368-6C	85054	3/8	3/8
<b>F229032</b>	1368-6D	85055	3/8	1/2
<b>F229033</b>	1368-8B	85056	1/2	1/4
<b>F229034</b>	1368-8C	85057	1/2	3/8
<b>F229035</b>	1368-8D	85058	1/2	1/2



## AIR COMPONENTS

### Male Elbow



FortProUSA#	Part No.	Ref. Tectran	Tube Size	Pipe Thread
<b>F229036</b>	1369-4A	85068	1/4	1/8
<b>F229037</b>	1369-4B	85069	1/4	1/4
<b>F229038</b>	1369-4C	85070	1/4	3/8
<b>F229039</b>	1369-6A	85071	3/8	1/8
<b>F229040</b>	1369-6B	85072	3/8	1/4
<b>F229041</b>	1369-6C	85073	3/8	3/8
<b>F229042</b>	1369-6D	85174	3/8	1/2
<b>F229043</b>	1369-8B	85075	1/2	1/4
<b>F229044</b>	1369-8C	85076	1/2	3/8
<b>F229045</b>	1369-8D	85077	1/2	1/2
<b>F229046</b>	1369-10C	85063	5/8	3/8
<b>F229047</b>	1369-10D	85064	5/8	1/2
<b>F229048</b>	1369-10E	85065	5/8	3/4
<b>F229049</b>	1369-12D	85066	3/4	1/2
<b>F229050</b>	1369-12E	85067	3/4	3/4

### Male Run Tree



FortProUSA#	Part No.	Ref. Tectran	Tube Size	Pipe Thread
<b>F229051</b>	1371-4A	85087	1/4	1/8
<b>F229052</b>	1371-4B	85088	1/4	1/4
<b>F229053</b>	1371-6B	85089	3/8	1/4
<b>F229054</b>	1371-6C	85090	3/8	3/8
<b>F229055</b>	1371-8C	85091	1/2	3/8
<b>F229056</b>	1371-8D	85092	1/2	1/2
<b>F229057</b>	1371-10D	85086	5/8	1/2



## AIR COMPONENTS

### Male Run Tree

FortProUSA#	Part No.	Ref. Tectran	Tube Size	Pipe Thread
<b>F229058</b>	1372-4A	85094	1/4	1/8
<b>F229059</b>	1372-4B	85095	1/4	1/4
<b>F229060</b>	1372-6A	85096	3/8	1/8
<b>F229061</b>	1372-6B	85097	3/8	1/4
<b>F229062</b>	1372-6C	85098	3/8	3/8
<b>F229063</b>	1372-8C	85099	1/2	3/8
<b>F229064</b>	1372-8D	85100	1/2	1/2
<b>F229065</b>	1372-10D	85093	5/8	1/2



### 45° Elbow

FortProUSA#	Part No.	Ref. Tectran	Tube Size	Pipe Thread
<b>F229066</b>	1374-4A	85102	1/4	1/8
<b>F229067</b>	1374-4B	85103	1/4	1/4
<b>F229068</b>	1374-6A	85104	3/8	1/8
<b>F229069</b>	1374-6B	85105	3/8	1/4
<b>F229070</b>	1374-6C	85106	3/8	3/8
<b>F229071</b>	1374-6D	85107	3/8	1/2
<b>F229072</b>	1374-8B	85108	1/2	1/4
<b>F229073</b>	1374-8C	85109	1/2	3/8
<b>F229074</b>	1374-8D	85110	1/2	1/2
<b>F229075</b>	1374-10D	85101	5/8	1/2



## AIR COMPONENTS

### Air Horn Rectangular



FortproUSA#: **F224762**

Replaces: 25" Long

Notes: 12 - 24 Volts

### Air Horn Rectangular



FortproUSA#: **F224766**

Replaces: 25" Long

Notes: 12 - 24 Volts

### 3 Bell Air Horn



FortproUSA#: **F224768**

Notes: 12 - 24 Volts

### 2 Bell Air Horn Small



FortproUSA#: **F224767**

Notes: 12 - 24 Volts



## AIR COMPRESSORS

TU-FLO 550 / 750

FortproUSA#: **F224887**

Replaces: 107510

Notes: Mack E6 & E7



TU-FLO 750

FortproUSA#: **F224888**

Replaces: 109429

Notes: Detroit



TU-FLO 550 / 750

FortproUSA#: **F224889**

Replaces: 109088

Notes: CAT & INTER





## AIR COMPONENTS - Tu-Flo 500/700 Compressor Parts

**Ring Set for 2 Pistons**

FortProUSA#	Replaces	Notes
F224863-STD	225514	Tu-Flo 500
F224863-010	225515	Tu-Flo 500
F224863-020	225516	Tu-Flo 500
F224863-030	225517	Tu-Flo 500
F224865-STD	282525	Tu-Flo 700
F224865-010	282526	Tu-Flo 700
F224865-020	282527	Tu-Flo 700
F224865-030	282528	Tu-Flo 700

**Piston Kit**

FortProUSA#	Replaces	Notes
F224864-STD	289928	Tu-Flo 500
F224864-010	289929	Tu-Flo 500
F224864-020	289930	Tu-Flo 500
F224864-030	289931	Tu-Flo 500
F224866-STD	289891	Tu-Flo 700
F224866-010	289892	Tu-Flo 700
F224866-020	289893	Tu-Flo 700
F224866-030	289894	Tu-Flo 700

**Connecting Rod Bearings**

FortProUSA#	Replaces	Notes
F224867-STD	282767	Tu-Flo 500/700
F224867-010	282768	Tu-Flo 500/700
F224867-020	282769	Tu-Flo 500/700
F224867-030	282770	Tu-Flo 500/700

**Maintenance Kit**

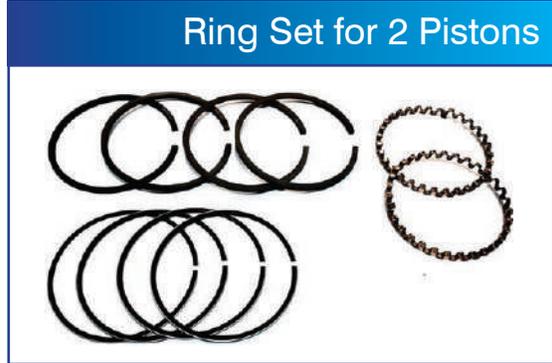
FortProUSA#	Replaces	Notes
F224881	229417	Tu-Flo 500/700





## AIR COMPONENTS - Tu-Flo 501 Compressor Parts

FortProUSA#	Replaces	Notes
F224869-STD	286183	For 3 Rings Piston
F224869-010	286184	For 3 Rings Piston
F224869-020	286185	For 3 Rings Piston
F224869-030	286186	For 3 Rings Piston
* For 5 Rings Piston Used 2 sets		



FortProUSA#	Replaces	Notes
F224872-STD	282110	3 Rings (Iron)
F224872-010	282111	3 Rings (Iron)
F224872-020	282112	3 Rings (Iron)
F224872-030	282113	3 Rings (Iron)
F224873-STD	289113	5 Rings (Alum)
F224873-010	289114	5 Rings (Alum)
F224873-020	289115	5 Rings (Alum)
F224873-030	289116	5 Rings (Alum)



FortProUSA#	Replaces	Notes
F224875-STD	286254	
F224875-010	286255	
F224875-020	286256	
F224875-030	286257	



FortProUSA#	Replaces	Notes
F224883	287043, 637488C91	





## AIR COMPONENTS - Tu-Flo 550/750 Compressor Parts

**Ring Set for 2 Pistons**

FortProUSA#	Replaces	Notes
F224876-STD	107639	550/750
F224876-010	107640	550/750
F224876-020	107641	550/750
F224876-030	107642	550/750

**Piston Kit**

FortProUSA#	Replaces	Notes
F224877-STD	107647	550
F224877-010	107648	550
F224877-020	107649	550
F224877-030	107650	550
F224878-STD	107643	750
F224878-010	107644	750
F224878-020	107645	750
F224878-030	107646	750

**Connecting Rod Bearings**

FortProUSA#	Replaces	Notes
F224879-STD	107651	550/750
F224879-010	107652	550/750
F224879-020	107653	550/750
F224879-030	107654	550/750

**Maintenance Kit**

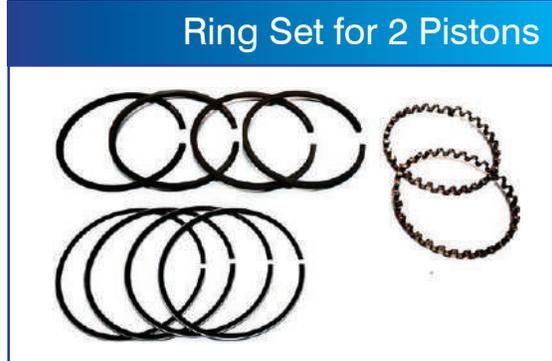
FortProUSA#	Replaces	Notes
F224885	107516	550/750





## AIR COMPONENTS - Midland 1300 Compressor Parts

FortProUSA#	Replaces	Notes
F224890-STD	RN26ED	
F224890-010	N/A	
F224890-020	RN26EF	
F224890-030	N/A	



FortProUSA#	Replaces	Notes
F224891-STD	200923A	
F224891-010	200923B	
F224891-020	200923C	
F224891-030	N/A	



FortProUSA#	Replaces	Notes
F224892-STD	RN26EG	
F224892-010	RN26EH	
F224892-020	RN26EJ	



FortProUSA#	Replaces	Notes
F224893	RNT26	





## NOTES:

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