

# APPLICATION LISTING BY MANUFACTURER

Application  
Listing  
By Mfr.

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## BPW - BERGISCHE ACHSEN

### 16.53" X 7.09" Container Chassis and Trailer

Brake Assembly .....	14	Brake and Cam Repair Kits .....	15
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## BENDIX BRAZIL FOR FORD

### 15"x 4" Steer Axle

Brake and Cam Assemblies .....	16	Brake and Cam Repair Kits .....	17
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### 16-1/2"x 7" Drive Axle

Brake and Cam Assemblies .....	18	Brake and Cam Repair Kits .....	19
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## BENDIX WEDGE

### 15" "Non-Servo" Spider Mounted Steer

Brake Assembly .....	244	Brake Repair Kits .....	245
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### 15" "Non-Servo" Backing Plate Mounted Steer

Brake Assembly .....	246	Brake Repair Kits .....	247
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### 15" "Twin-Plex" Spider Mounted

Brake Assembly .....	248	Brake Repair Kits .....	249-250
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## DANA (C&M, SPICER)

### 12-1/4" Brake and Cam Assemblies

Early "FT" and "FC" "U-Brake" .....	20	Camshaft Identification .....	24
2nd design "FT" & Pre-'96 "FC" "Fast Rise" ...	21	Cam Assemblies .....	25
New Style "FCII" Post 11/96 & Retrofit .....	22	Wheel Hub and Locks .....	26
Cast to Pressed Steel Conversions .....	23	Brake and Cam Repair Kits .....	27-33
Cast .....	24		

### 15" X 4" (4693) HA Auxiliary and Steer Axle

Brake Assembly .....	34	Cam Assembly .....	35
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### 16-1/2" Brake and Cam Assemblies

"FC" "Fast Change" .....	36	Early Cast .....	38
"XL" "XtraLife" (4701D) .....	36	Camshaft Identification .....	39
"XLII", "XtraLife II" (4707D) .....	37	Cam Assemblies .....	39
Brake and Cam Conversions .....	37	Wheel Hub and Locks .....	40
"P" "Pivot Type" .....	38	Brake and Cam Repair Kits .....	41-49

## DEXTER AXLE

### 12-1/4" Brake and Cam Assemblies

"P" "Pivot Style" .....	50	Cam Assembly .....	51
"Q" "Quick Maintenance" .....	50	Wheel Hub and Locks .....	52
"PQ" "Pivot Quick Maintenance" .....	51	Brake and Cam Repair Kits .....	52-53
Camshaft Identification .....	51		

### 16-1/2" Brake and Cam Assemblies

"Q" "Quick Maintenance" .....	54	Wheel Hub and Locks .....	55
Camshaft Identification .....	54	Brake and Cam Repair Kits .....	56-60
Cam Assembly .....	55		

## EATON

### 12-1/4" "C" & "E" Series

Brake Assembly .....	61	Wheel Hub and Locks .....	62
Camshaft Identification .....	61	Brake and Cam Repair Kits .....	62
Cam Assembly .....	61		

### 15" Single Web "EB" (1308D) & "ES" (1443D) Steer

Brake and Cam Assemblies .....	63	Brake and Cam Repair Kits .....	64
Camshaft Identification .....	63		

### Dual Web "ES" 6" Reduced Envelope Steer

Brake Assembly .....	65	Camshaft Identification .....	65
Cam Assembly .....	65	Brake and Cam Repair Kits .....	66

### Dual Web "ES" 8-5/8" Reduced Envelope Drive

Brake Assembly .....	67	Camshaft Identification .....	67
Cam Assembly .....	67	Brake and Cam Repair Kits .....	68

### Dual Web "ES" 8-5/8" Reduced Envelope Trailer

Brake Assembly .....	69	Wheel Hub and Locks .....	70
Camshaft Identification .....	69	Brake and Cam Repair Kits .....	70
Cam Assembly .....	69		

### 16-1/2" Standard and High Mount EB-165 Drive and Steer

Brake Assembly .....	71	Cam Assembly .....	72
Camshaft Identification .....	71	Brake and Cam Repair Kits .....	72-73
"EB" to "ES" Brake Conversion .....	71		

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## EATON

### 16-1/2" "Extended Service" ES and ESII, Steer and Drive

ES Brake Assembly .....	74	ES II Brake Assembly .....	75
Camshaft Identification .....	74-75	Cam Assembly .....	75
"ES" to "EB" Brake Conversion .....	74	Brake and Cam Repair Kits .....	75-77

### 16-1/2" "Extended Service" "ES" H.D. "P"-Type Drive

Brake Assembly .....	78	Camshaft Identification .....	78
Cam Assembly .....	78	Brake and Cam Repair Kits .....	79

### 16-1/2" "Extended Service" "ES" H.D. Cast Drive

Brake Assembly .....	80	Camshaft Identification .....	80
Cam Assembly .....	80	Brake and Cam Repair Kits .....	81

### 16-1/2" "Extended Service" "ES" Retrofit for Fruehauf "XEM"

Brake Assembly .....	82	Brake Repair Kits .....	83-85
Camshaft Identification .....	82	Cam Repair Kits - See Fruehauf Section .....	122

### 16-1/2" "Extended Service" "ES" Retrofit for Rockwell "Q"

Brake Assembly .....	86	Camshaft Identification .....	86
Cam Repair Kits - See Rockwell .....	181	Brake Repair Kits .....	87-89

### 16-1/2" Standard EB-165 Trailer Brake

Brake Assembly .....	90	Cam Assemblies .....	91
Camshaft Identification .....	90	Wheel Hub and Locks .....	91
"EB" to "ES" Brake Conversion: .....	90	Brake and Cam Repair Kits .....	92-93

### 16-1/2" "Extended Service" ES and ESII Trailer Brake

ES Brake Assembly .....	94	Cam Assemblies .....	96
Camshaft Identification .....	94	Wheel Hub and Locks .....	96
"ES" to "EB" Brake Conversion: .....	94	Brake and Cam Repair Kits .....	97
ESII Brake Assembly .....	95		

### 16-1/2" Early Shuler "FTL" Self Contained

Brake Assembly .....	98	Camshaft Identification .....	98
Cam Assembly .....	98	Brake Repair Kit .....	100

### 16-1/2" Early Shuler 5" Round or Square Axle Brake

Brake Assembly .....	99	Wheel Hub and Locks .....	100
Cam Assembly .....	99	Brake and Cam Repair Kits .....	100
Camshaft Identification .....	99		

### 18" x 7" Cast "EB" Drive

Brake Assembly .....	101	Camshaft Identification .....	101
Cam Assembly .....	101	Brake and Cam Repair Kits .....	102

## FRUEHAUF (HOLLAND)

### 12-1/4" "Pro-Par"

Brake Assembly .....	103	Wheel Hub and Locks .....	104
Cam Assemblies .....	103	Brake and Cam Repair Kits .....	104
Camshaft Identification .....	103		

### 16-1/2" "Pro-Par"

"XEM" 3rd Design .....	105	Early "ProPar" "P" Type .....	111
"XEM" 1st & 2nd Design .....	106	Cam Assemblies .....	112
"XEM Plus" (4707 "XEM" Style) .....	109	Camshaft Identification .....	105-111
"QEM Plus" (4707 "Q+" Style) .....	110	Wheel Hub and Locks .....	112
Fruehauf "Q" Rockwell Design .....	107	Brake and Cam Repair Kits .....	113-122
Conversion "XEM" Types to Std. "Q" .....	108		

## HENDRICKSON "INTRAAX" AND "VANTRAAX" TRAILER

16-1/2" Brake Assembly .....	123	Wheel Hub and Locks .....	124
Cam Assembly .....	123	Brake and Cam Repair Kits .....	124-127
Camshaft Identification .....	123		

## INGERSOLL

### 12-1/4"

Brake Assembly .....	128	Wheel Hub and Locks .....	132
Cam Assembly .....	128	Brake and Cam Repair Kits .....	129-130
Camshaft Identification .....	128		

### 16-1/2"

Brake Assembly .....	131	Wheel Hub and Locks .....	132
Cam Assembly .....	131	Brake and Cam Repair Kits .....	132-137
Camshaft Identification .....	131		

## MACK, ROCKWELL DESIGNS

### 15" "Q-Plus" Steer

Brake Assembly .....	138	Cam Assembly .....	138
Camshaft Identification .....	138	Brake and Cam Repair Kits .....	139

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## MACK, ROCKWELL DESIGNS

### 16-1/2"

"Q" Front Brake Assembly .....	140
Cam Assembly .....	140

Camshaft Identification .....	140
Brake and Cam Repair Kits .....	141

### 16-1/2" "Q" Special Clearance Front, Rockwell Design

Brake Assembly .....	142
Cam Assembly .....	142

Camshaft Identification .....	142
Brake and Cam Repair Kits .....	143-144

### 16-1/2" H.D. "Q" Drive

Brake Assembly .....	145
Cam Assembly .....	145

Camshaft Identification .....	145
Brake and Cam Repair Kits .....	146

### 16-1/2" H.D. "Q-Plus" Drive (4707)

Brake Assembly .....	147
Camshaft Assembly .....	147

Cam Identification .....	147
Brake and Cam Repair Kits .....	148-150

### 16-1/2" "P" Self Contained

Brake Assembly .....	151
Cam Assembly .....	151

Camshaft Identification .....	151
Brake and Cam Repair Kits .....	152-153

## ROCKWELL

### 12-1/4" "Q" Trailer Brake

Brake Assembly .....	154
Camshaft Identification .....	154
Cam Assemblies- Pre-'85 .....	154

Cam Assemblies- '85- Mid '90 .....	155
Cam Assemblies From Mid '90 .....	156
Brake and Cam Repair Kits .....	157-160

### 15" "Q" Single Web Steer

Brake Assembly .....	161
Brake and Cam Conversions .....	161
Camshaft Identification .....	161

Cam Assembly .....	162
Brake and Cam Repair Kits .....	162-163

### 15" "Q Plus" Drive & Steer

Brake Assembly .....	164
Brake and Cam Conversions .....	164
Cam Assembly .....	164

Camshaft Identification .....	164
Brake and Cam Repair Kits .....	165-166

### 15" "T" Series Front with 1-1/4" Cams

Brake Assembly .....	167
Brake and Cam Conversions .....	167
Cam Assembly .....	167

Camshaft Identification .....	167
Brake and Cam Repair Kits .....	168

### 15" "T" Series Front with 1-1/2" Cams

Brake Assembly .....	169
Brake and Cam Conversions .....	169
Cam Assembly .....	169

Camshaft Identification .....	169
Brake and Cam Repair Kits .....	170

### 15" "Q Plus" Trailer

Brake Assembly .....	171
Cam Assembly .....	171

Camshaft Identification .....	171
Brake and Cam Repair Kits .....	172-174

### 16-1/4" "T" Series Front with 1-1/2" Cams

Brake Assembly .....	175
Brake Conversions .....	175
Cam Assembly .....	175

Camshaft Identification .....	175
Brake and Cam Repair Kits .....	176

### 16-1/2" "Q" Drive & Steer

Brake Assembly .....	177
Brake and Cam Conversions .....	177
Cam Assembly .....	178

Camshaft Identification .....	178
Brake and Cam Repair Kits .....	178-183

### 16-1/2" "Q Plus" Drive & Steer

Brake Assembly .....	184
Brake and Cam Conversions .....	185
Cam Assembly .....	185

Camshaft Identification .....	185
Brake and Cam Repair Kits .....	186-189

### 16-1/2" "P" Self Contained

Brake Assembly .....	190
Brake and Cam Conversions .....	190
Cam Assembly .....	191

Camshaft Identification .....	191
Brake and Cam Repair Kits .....	192-195

### 16-1/2" Cast Self Contained Drive

Brake Assembly .....	222
Cam Assembly .....	222

Camshaft Identification .....	222
Brake and Cam Repair Kits .....	223

### 16-1/2" "Q" 4000/6000 "R" and "T" Series Trailer

Brake Assembly .....	196
Brake and Cam Conversions .....	196
Cam Assemblies .....	197-199

Camshaft Identification .....	197
Brake and Cam Repair Kits .....	200-207

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## 16-1/2" "Q Plus" Trailer

Brake Assembly .....	208	Cam Assembly .....	209
Brake and Cam Conversions .....	208	Brake and Cam Repair Kits .....	210-213
Camshaft Identification .....	209		

## ROCKWELL

### 16-1/2" "P" Series Trailer with 1-1/2" Cams

Brake Assembly .....	214	Camshaft Identification .....	215
Brake and Cam Conversions .....	214	Wheel Hub and Locks .....	215-216
Cam Assemblies .....	215-216	Brake and Cam Repair Kits .....	217-221

### 18" Cast Self Contained Drive

Brake Assembly .....	222	Camshaft Identification .....	222
Cam Assembly .....	222	Brake and Cam Repair Kits .....	223

## ROCKWELL WEDGE

### 12-1/4" Spider Mounted

Brake Assembly .....	251	Brake Repair Kits .....	253
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### 15" "Stopmaster" RD Tractor

Brake Assembly .....	252	Brake Repair Kits .....	253
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### 15" "Stopmaster" Trailer

Brake Assembly .....	254	Brake Repair Kits .....	255
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### 15" "Stopmaster" Single Actuator, Backing Plate Mounted

Brake Assembly .....	256	Brake Repair Kits .....	257
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### 15" "Stopmaster" Dual Actuator, Backing Plate Mounted

Brake Assembly .....	257	Brake Repair Kits .....	257
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## STANDARD FORGE

### 12-1/4" Brake and Cam Assemblies

Early "FT" and Late "FC" "U-Brake" .....	224	Camshaft Identification .....	225
Brake and Cam Conversions .....	224	Cam Assemblies .....	226
Cast to Pressed Steel Conversions .....	225	Wheel Hub and Locks .....	227
Cast .....	225	Brake and Cam Repair Kits .....	227-230

### 16-1/2" Brake and Cam Assemblies

Early "P" and Late "FC" "U-Brake" .....	231	Cam Assemblies .....	232
Brake and Cam Conversions .....	231	Wheel Hub and Locks .....	232
Camshaft Identification .....	231	Brake and Cam Repair Kits .....	233-236

### 18" Brake and Cam Assemblies

"P" Type .....	237	Cam Assemblies .....	238
Cast .....	237	Wheel Hub and Locks .....	238
Camshaft Identification .....	237	Brake and Cam Repair Kits .....	239

## WAGNER

### 15"

#### Front Steer

Brake Assembly .....	240	Camshaft Identification .....	240
Cam Conversions .....	240	Brake and Cam Repair Kits .....	241
Cam Assembly .....	240		

#### Rear Drive

Brake Assembly .....	242	Camshaft Identification .....	242
Cam Conversions .....	242	Brake and Cam Repair Kits .....	243
Cam Assembly .....	242		

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