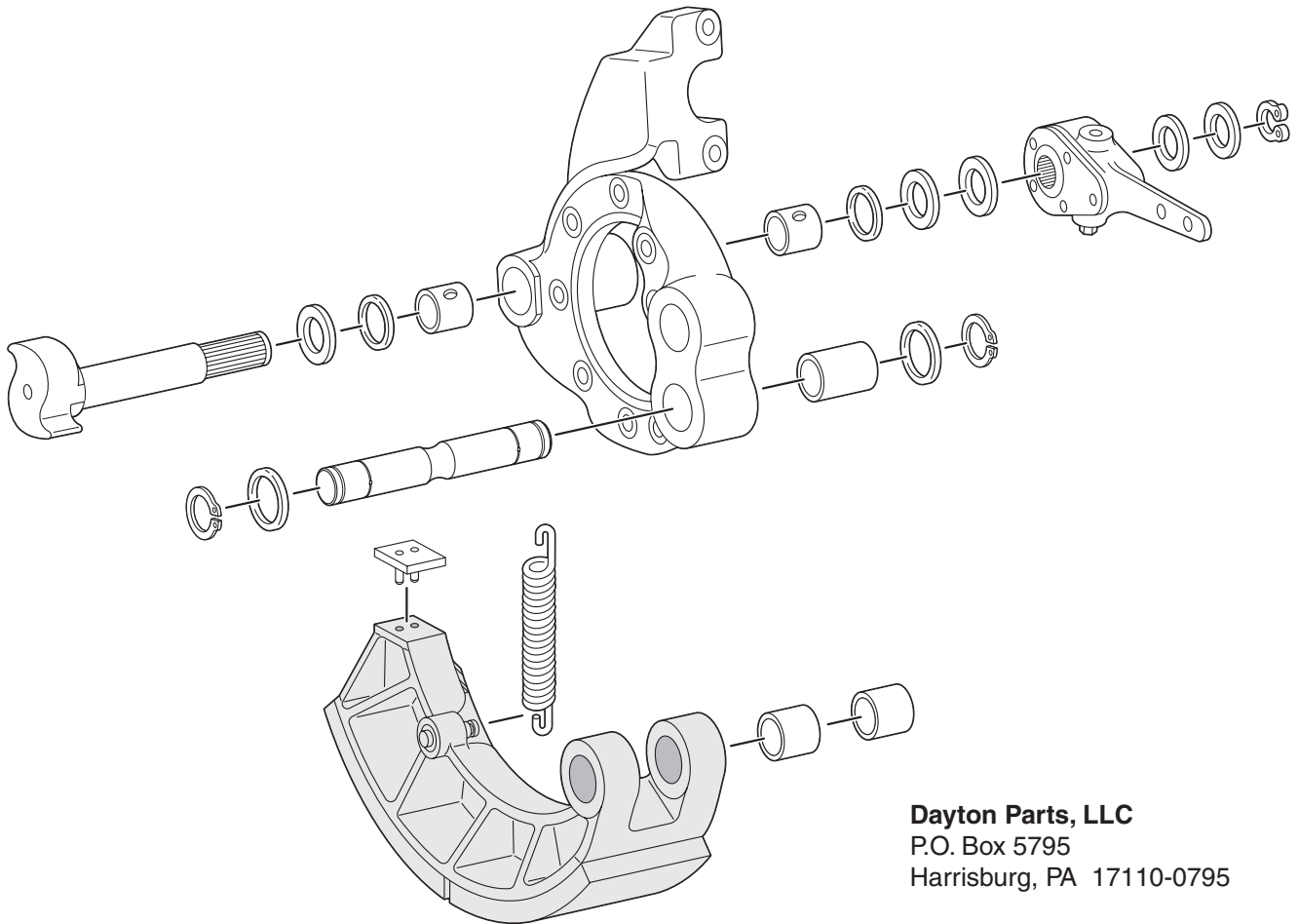


Brake Shoe

IDENTIFICATION

GUIDE



Visit us on the web at:
www.daytonparts.com

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P.O. Box 5795
Harrisburg, PA 17110-0795

(Voice USA)800-233-0899
(Voice USA)800-275-8833
(Voice Canada)800-666-8833
(Voice Mexico)001-800-275-8833
(Fax USA)800-225-2159
(Fax USA)800-275-8251
(Tech Service)800-822-2042

Cast Brake Shoes

Brake Shoe Identification Chart

The following chart was designed to help identify the brake shoes listed in this catalog. This chart should be used in conjunction with the brake shoe section to be sure of proper identification.

STEP 1: Measure from the roller end hole/opening to the anchor end hole/opening center to center to determine the size of the brake (i.e. drum diameter). The 16 ½" and 18" brake shoes will measure the same since they use the same spider assemblies.

STEP 2: Look at the roller end hole/opening (the smaller of the two). Is it *open* or *closed*?

STEP 3: Look at the anchor end hole/opening (the larger of the two). Is it *open* or *closed*?

STEP 4: Measure the size of the anchor end hole/opening.

STEP 5: Measure the width across the shoe table (surface where the lining is attached) edge to edge.

STEP 6: Application by *Front*, *Drive* or *Tractor Axle*.


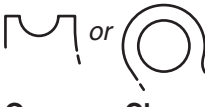
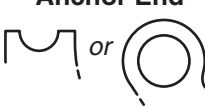
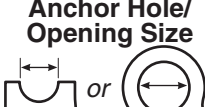
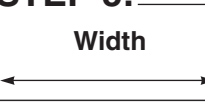
Below is a listing for each brake shoe part number in this chart. A page number is referenced for further information in the brake shoe section.

Page Number	Part Number	Description
23	01-015	16 ½" Eaton ES Severe Duty
25	01-135	16 ½" Rockwell P (Casting #3222-C-1953)
29	01-138	18" Rockwell P (Casting #3222-A-1951)
29	01-141L	20" Dana FT (Sold lined only)
13	01-173	12 ¼" Dana FT
	01-174	12 ¼" Dana FT
28	01-192	18" Eaton EB

Brake Shoe Identification Chart

Cast Brake Shoes

Brake Shoe Identification Chart

Cast Brake Shoes	
STEP 1: Roller to Anchor Center to Center 	8 1/2" - 9 1/2" (12 1/4" Brakes) 12" - 13" (16 1/2" or 18" Brakes) 14 1/2" - 15 1/2" (20" Brakes)
STEP 2: Roller End 	CLOSED OPEN CLOSED CLOSED
STEP 3: Anchor End 	CLOSED OPEN CLOSED CLOSED CLOSED
STEP 4: Anchor Hole/ Opening Size 	1" 1 3/8" 1 1/4" 1 1/4" 1 1/2"
STEP 5: Width 	5 1/2" 7 1/2" 7" 7" 7" 8"
STEP 6: Application FRONT	
DRIVE	01-192 01-135 01-138 01-015
TRAILER	01-173 01-174 01-141L

Single Web Fabricated Brake Shoes

Brake Shoe Identification Chart

The following chart was designed to help identify the brake shoes listed in this catalog. This chart should be used in conjunction with the brake shoe section to be sure of proper identification.

- STEP 1: Measure from the roller end hole/opening to the anchor end hole/opening center to center to determine the size of the brake (i.e. drum diameter).
- STEP 2: Look at the roller end hole/opening (the smaller of the two). Is it *open* or *closed*?
- STEP 3: Look at the anchor end hole/opening (the larger of the two). Is it *open* or *closed*?
- STEP 4: Measure the size of the anchor end hole/opening.
- STEP 5: Measure the width across the shoe table (surface where the lining is attached) edge to edge.
- STEP 6: Application by *Front*, *Drive* or *Tractor Axle*.

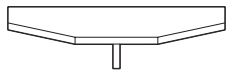
Below is a listing for each brake shoe part number in this chart. A page number is referenced for further information in the brake shoe section.

Page Number	Part Number	Description
19	01-069	15" Wagner
19	01-070	15" Wagner #426/458
20	01-072	15" Wagner #512
18	01-074	16 ¼" Rockwell T
18	01-077	15" Rockwell Q
17	01-080	15" Eaton EB
17	01-0801	15" Eaton ES
18	01-194	15" Rockwell T
	01-195	15" Rockwell T

Brake Shoe Identification Chart

Single Web Fabricated Brake Shoes

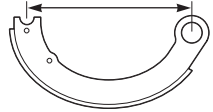
Brake Shoe Identification Chart



Single Web Fabricated Brake Shoes

STEP 1: _____

Roller to Anchor
Center to Center

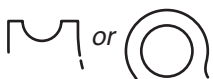


11" - 12"
(15" Brakes)

12" - 13"
(16 1/4" Brakes)

STEP 2: _____

Roller End



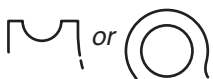
Open Closed

OPEN

OPEN

STEP 3: _____

Anchor End



Open Closed

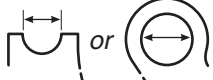
OPEN

CLOSED

CLOSED

STEP 4: _____

Anchor Hole/
Opening Size



Open Closed

7/8"

1 3/8"

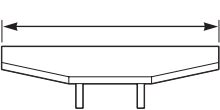
1 1/4"

1 3/8"

1"

STEP 5: _____

Width



4"

4"

3 1/2"

4"

3 1/2"

4"

4"

STEP 6: _____

Application

FRONT

01-077

01-080
01-0801

01-194

01-195

01-069

01-070
01-072

01-074

DRIVE

TRAILER

12 1/4" Double Web Fabricated Brake Shoes

Brake Shoe Identification Chart

The following chart was designed to help identify the brake shoes listed in this catalog. This chart should be used in conjunction with the brake shoe section to be sure of proper identification.

- STEP 1: Measure from the roller end hole/opening to the anchor end hole/opening center to center to determine the size of the brake (i.e. drum diameter).
- STEP 2: Look at the roller end hole/opening (the smaller of the two). Is it *open* or *closed*?
- STEP 3: Look at the anchor end hole/opening (the larger of the two). Is it *open* or *closed*?
- STEP 4: Measure the size of the anchor end hole/opening.
- STEP 5: Measure the width across the shoe table (surface where the lining is attached) edge to edge.
- STEP 6: Application by *Front*, *Drive* or *Tractor Axle*.

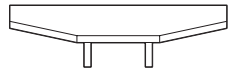
Below is a listing for each brake shoe part number in this chart. A page number is referenced for further information in the brake shoe section.

Page Number	Part Number	Description
15	01-085	12 1/4" Eaton SA
15	01-087	12 1/4" Rockwell Q
15	01-120	12 1/4" Fruehauf F
14	01-165	12 1/4" Dexter PQ
	01-166	12 1/4" Dexter PQ
	01-167	12 1/4" Dexter PQ
13	01-168	12 1/4" Dana FT
	01-169	12 1/4" Dana FT
14	01-170	12 1/4" Dana FC and FC-111
14	01-172	12 1/4" Dana FC-111
13	01-175	12 1/4" Dana FT
	01-176	12 1/4" Dana FT
14	01-177	12 1/4" Dana FC-111

Brake Shoe Identification Chart

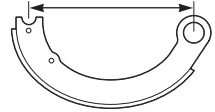
12 1/4" Double Web Fabricated Brake Shoes

Brake Shoe Identification Chart



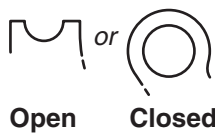
12 1/4" Double Web Fabricated Brake Shoes

STEP 1:
Roller to Anchor
Center to Center



8 1/2" - 9 1/2"
(12 1/4" Brakes)

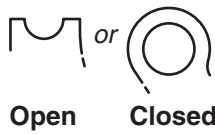
STEP 2:
Roller End



OPEN

CLOSED

STEP 3:
Anchor End



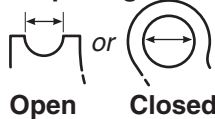
OPEN

CLOSED

OPEN

CLOSED

STEP 4:
Anchor Hole/
Opening Size



1"

1 3/8"

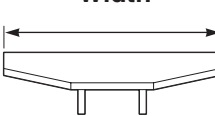
1"

1 1/4"

1"

1"

STEP 5:
Width



5"

5 1/2"

7 1/2"

7 1/2"

5 1/2"

7 1/2"

8"

4"

5"

7 1/2"

5 1/2"

7 1/2"

STEP 6:
Application

FRONT

DRIVE

TRAILER

01-177

01-172

01-170

01-085

01-168

01-169

01-120

01-165

01-166

01-087

01-167

01-175

01-176

14 1/2" Double Web Fabricated Brake Shoes

Brake Shoe Identification Chart

The following chart was designed to help identify the brake shoes listed in this catalog. This chart should be used in conjunction with the brake shoe section to be sure of proper identification.

- STEP 1: Measure from the roller end hole/opening to the anchor end hole/opening center to center to determine the size of the brake (i.e. drum diameter).
- STEP 2: Look at the roller end hole/opening (the smaller of the two). Is it *open* or *closed*?
- STEP 3: Look at the anchor end hole/opening (the larger of the two). Is it *open* or *closed*?
- STEP 4: Measure the size of the anchor end hole/opening.
- STEP 5: Measure the width across the shoe table (surface where the lining is attached) edge to edge.
- STEP 6: Application by *Front*, *Drive* or *Tractor Axle*.

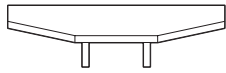
Below is a listing for each brake shoe part number in this chart. A page number is referenced for further information in the brake shoe section.

Page Number	Part Number	Description
16	01-144	14 1/4" Rockwell W
	01-145	14 1/4" Rockwell W
	01-146	14 1/4" Rockwell W
	01-147	14 1/4" Rockwell W
	01-148	14 1/4" Rockwell W
	01-149	14 1/4" Rockwell W

Brake Shoe Identification Chart

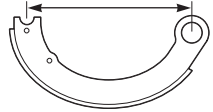
14 1/2" Double Web Fabricated Brake Shoes

Brake Shoe Identification Chart



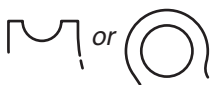
14 1/2" Double Web Fabricated Brake Shoes

STEP 1:
Roller to Anchor
Center to Center



10 1/4"

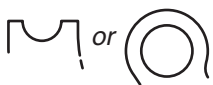
STEP 2:
Roller End



Open Closed

OPEN

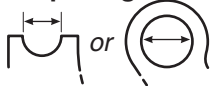
STEP 3:
Anchor End



Open Closed

CLOSED

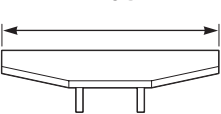
STEP 4:
Anchor Hole/
Opening Size



Open Closed

1 1/4"

STEP 5:
Width



4"

5"

6"

8"

10"

STEP 6:
Application

FRONT

01-144

01-145

01-146

DRIVE

01-147

01-148
01-149

TRAILER

15" Double Web Fabricated Brake Shoes

Brake Shoe Identification Chart

The following chart was designed to help identify the brake shoes listed in this catalog. This chart should be used in conjunction with the brake shoe section to be sure of proper identification.

- STEP 1: Measure from the roller end hole/opening to the anchor end hole/opening center to center to determine the size of the brake (i.e. drum diameter).
- STEP 2: Look at the roller end hole/opening (the smaller of the two). Is it *open* or *closed*?
- STEP 3: Look at the anchor end hole/opening (the larger of the two). Is it *open* or *closed*?
- STEP 4: Measure the size of the anchor end hole/opening.
- STEP 5: Measure the width across the shoe table (surface where the lining is attached) edge to edge.
- STEP 6: Application by *Front*, *Drive* or *Tractor Axle*.

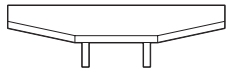
Below is a listing for each brake shoe part number in this chart. A page number is referenced for further information in the brake shoe section.

Page Number	Part Number	Description
16	01-003	15" Dana HA
19	01-004	15" Rockwell Q-Plus
	01-005	15" Rockwell Q-Plus
	01-006	15" Rockwell Q-Plus
	01-007	15" Rockwell Q-Plus
	01-009	15" Rockwell Q-Plus
17	01-016	15" Eaton ES-II; Retainer spring hooks in shoe web
	01-018	15" Eaton ES-II; Retainer spring hooks in shoe web
	01-081	15" Eaton ES-II; Retainer spring hooks in shoe web
16	01-078	15" Bendix Brazilian
20	01-197	15" Wagner
	01-198	15" Wagner

Brake Shoe Identification Chart

15" Double Web Fabricated Brake Shoes

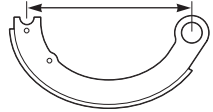
Brake Shoe Identification Chart



15" Double Web Fabricated Brake Shoes

STEP 1: _____

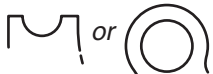
Roller to Anchor
Center to Center



11" - 12"
(15" Brakes)

STEP 2: _____

Roller End

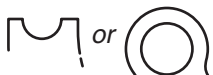


Open Closed

OPEN

STEP 3: _____

Anchor End



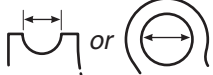
Open Closed

OPEN

CLOSED

STEP 4: _____

Anchor Hole/
Opening Size



Open Closed

1"

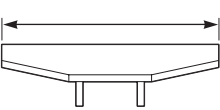
1 1/8"

1 3/8"

1 1/4"

STEP 5: _____

Width



4"

5"

6"

7"

8 5/8"

4"

4"

6"

8 5/8"

6"

7"

STEP 6: _____

Application

FRONT

01-004 01-005

01-003 01-078
01-081

DRIVE

01-006 01-007 01-009

01-016 01-018 01-197 01-198

TRAILER

16 ½” or 18” Double Web Fabricated Brake Shoes

Brake Shoe Identification Chart

The following chart was designed to help identify the brake shoes listed in this catalog. This chart should be used in conjunction with the brake shoe section to be sure of proper identification.

STEP 1: Measure from the roller end hole/opening to the anchor end hole/opening center to center to determine the size of the brake (i.e. drum diameter). The 16 ½” and 18” brake shoes will measure the same since they use the same spider assemblies.

STEP 2: Look at the roller end hole/opening (the smaller of the two). Is it *open* or *closed*?

STEP 3: Look at the anchor end hole/opening (the larger of the two). Is it *open* or *closed*?

STEP 4: Measure the size of the anchor end hole/opening.

STEP 5: Measure the width across the shoe table (surface where the lining is attached) edge to edge.

STEP 6: Application by *Front, Drive* or *Tractor* Axle.

Below is a listing for each brake shoe part number in this chart. A page number is referenced for further information in the brake shoe section.

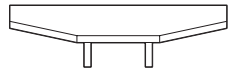
Page Number	Part Number	Description
21	01-008	16 ½” Dana Xtra-Life II
24	01-008	16 ½” Hendrickson HXS
28	01-008	16 ½” Rockwell Q-Plus
	01-010	16 ½” Rockwell Q-Plus
	01-011	16 ½” Rockwell Q-Plus
	01-013	16 ½” Rockwell Q-Plus
22	01-012	16 ½” Eaton ES; Retainer spring hooks in shoe table
23	01-014	16 ½” Eaton ES Severe Duty
23	01-025	16 ½” Eaton ES-II; Retainer spring hooks in shoe web
	01-026	16 ½” Eaton ES-II; Retainer spring hooks in shoe web
	01-027	16 ½” Eaton ES-II; Retainer spring hooks in shoe web
	01-028	16 ½” Eaton ES-II; Retainer spring hooks in shoe web
20	01-079	16 ½” Bendix Brazilian
26	01-098	16 ½” Rockwell P
	01-100	16 ½” Rockwell P
21	01-100	16 ½” Dana FT
25	01-101	16 ½” Mack 4515E; Bushed eyes
25	01-102L	16 ½” Mack 4625B; Bushed eyes
21	01-103	16 ½” Dana FT
26	01-103	16 ½” Rockwell P
	01-104	16 ½” Rockwell P
	01-105	16 ½” Rockwell P

Page Number	Part Number	Description
23	01-112	16 ½” Fruehauf F
24	01-122	Fruehauf XEM; L.H. Offset
	01-123	Fruehauf XEM; R.H. Offset
	01-124	Fruehauf XEM
25	01-125	16 ½” Mack Q heavy duty
24	01-126	16 ½” Mack Q
	01-127	16 ½” Mack Q
21	01-128	16 ½” Dana FC and Xtra-Life
24	01-128	16 ½” Hendrickson Standard
27	01-128	16 ½” Rockwell Q
	01-130	16 ½” Rockwell Q
	01-131	16 ½” Rockwell Q
	01-132	16 ½” Rockwell Q
	01-133	16 ½” Rockwell Q
	01-134	16 ½” Rockwell Q
	28	01-142
22	01-182	16 ½” Eaton EB high mount; Pin does not line up w/opposite hole
	01-186	16 ½” Eaton EB high mount; Pin does not line up w/opposite hole
	01-187	16 ½” Eaton EB high mount; Pin does not line up w/opposite hole
22	01-188	16 ½” Eaton EB low mount
	01-191	16 ½” Eaton EB low mount
	01-193	16 ½” Eaton EB low mount

Brake Shoe Identification Chart

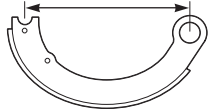
16 1/2" or 18" Double Web Fabricated Brake Shoes

Brake Shoe Identification Chart



16 1/2" or 18" Double Web Fabricated Brake Shoes

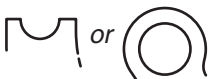
STEP 1:
Roller to Anchor
Center to Center



12" - 13"
(16 1/2" or 18" Brakes)

STEP 2:

Roller End



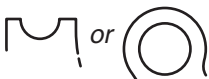
Open Closed

OPEN
(16 1/2" Brakes)

CLOSED
(18" Brakes)

STEP 3:

Anchor End



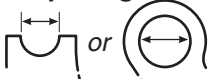
Open Closed

OPEN

CLOSED

CLOSED

STEP 4:
Anchor Hole/
Opening Size



Open Closed

7/8"

1"

1 1/16"

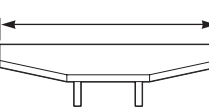
1 3/8"

1 1/4"

1 1/4"

STEP 5:

Width



7"

5"

6"

7"

8"

8 5/8"

10"

7"

8 5/8"

5"

6"

7"

8 5/8"

4"

5"

6"

7"

8 5/8"

7"

STEP 6:
Application
FRONT

1-013
1-127
1-130

1-025
1-186

1-104 1-105

FRONT or DRIVE

1-011
1-126
1-131

1-026
1-187

1-103

DRIVE

1-079

1-125

1-188 1-182

1-014
1-101
1-102L

DRIVE or TRAILER

1-008 1-010 1-132
1-128 1-134

1-012 1-028
1-027 1-193
1-191

1-100 1-098

TRAILER

1-133 1-124 1-122
1-123

1-112

1-142

12 1/4" Dana

Brake Shoes

Brake Shoes

12 1/4" Dana



FT series - cast

Part No.	FMSI No.	Rivet Size	OEM Number	Cast No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-173 5 1/2"	4544	3/8" bolt	M12WS108	11504	08-107300 Bolt-on spider, 1 1/4" rollers (137)	MG61 1 1/2" spider journal, 1 1/2"-10 spline (254)	Cast shoes cannot be used with MG63 or MG64 Hi-Lift cams; Can be replaced with 01-168 or 01-175 shoes
01-174 7 1/2"	4607	3/8" bolt	M12WS102	11506	08-107300 Bolt-on spider, 1 1/4" rollers (137)	MG61 1 1/2" spider journal, 1 1/2"-10 spline (254)	Cast shoes cannot be used with MG63 or MG64 Hi-Lift cams; Can be replaced with 01-169 or 01-176 shoes



FT series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-175 5 1/2"	4536	20-8	M12WS122X	08-107500 Bolt-on spider, 1 1/2" rollers (138)	MG61 1 1/2" spider journal, 1 1/2"-10 spline (254)	You may need to switch to 1 1/4" rollers when using MG61 cams to get the drums on; You must change both brake assemblies on the same axle
				08-107400 Weld-on spider, 1 1/2" rollers (140)	MG63 1 1/2" spider journal, 1 1/2"-10 spline (255)	1st design Hi-Lift cams no longer available; You must use 1 1/2" rollers with the 2nd design Hi-Lift cams
					MG64 1 1/2" spider journal, 1 1/2"-28 spline (256)	1st design Hi-Lift cams no longer available; You must use 1 1/2" rollers with the 2nd design Hi-Lift cams
01-176 7 1/2"	4591	20-8	M12WS127X	08-107500 Bolt-on spider, 1 1/2" rollers (138)	MG61 1 1/2" spider journal, 1 1/2"-10 spline (254)	You may need to switch to 1 1/4" rollers when using MG61 cams to get the drums on; You must change both brake assemblies on the same axle
				08-107400 Weld-on spider, 1 1/2" rollers (140)	MG63 1 1/2" spider journal, 1 1/2"-10 spline (255)	1st design Hi-Lift cams no longer available; You must use 1 1/2" rollers with the 2nd design Hi-Lift cams
					MG64 1 1/2" spider journal, 1 1/2"-28 spline (256)	1st design Hi-Lift cams no longer available; You must use 1 1/2" rollers with the 2nd design Hi-Lift cams



FT series - open roller end

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-168 5 1/2"	4536E	20-8	M12WS151X	08-114400 Weld-on spider, 1 1/2" rollers (141)	MG63 1 1/2" spider journal, 1 1/2"-10 spline (255)	1st design Hi-Lift cams no longer available; You must use 1 1/2" rollers with the 2nd design Hi-Lift cams
					MG64 1 1/2" spider journal, 1 1/2"-28 spline (256)	1st design Hi-Lift cams no longer available; You must use 1 1/2" rollers with the 2nd design Hi-Lift cams
01-169 7 1/2"	4592	10-8	M12WS148X	08-114400 Weld-on spider, 1 1/2" rollers (141)	MG63 1 1/2" spider journal, 1 1/2"-10 spline (255)	1st design Hi-Lift cams no longer available; You must use 1 1/2" rollers with the 2nd design Hi-Lift cams
					MG64 1 1/2" spider journal, 1 1/2"-28 spline (256)	1st design Hi-Lift cams no longer available; You must use 1 1/2" rollers with the 2nd design Hi-Lift cams

Brake Shoes

12 1/4" Dana / Dexter

Brake Shoes

12 1/4" Dana



FC series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-170 7 1/2"	4692	10-8	M12WS149X	08-114600 Weld-on spider, 1 1/2" rollers (143)	MG63 1 1/2" spider journal, 1 1/2"-10 spline (255)	1st design Hi-Lift cams no longer available; You must use 1 1/2" rollers with the 2nd design Hi-Lift cams
					MG64 1 1/2" spider journal, 1 1/2"-28 spline (256)	1st design Hi-Lift cams no longer available; You must use 1 1/2" rollers with the 2nd design Hi-Lift cams



FC-111 series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-177 5"	4661E	8-8	M12WS173X	08-104900 Weld-on spider, 1 1/2" rollers (144)	MG53 1 5/8" spider journal, 1 1/2"-10 spline (257)	You must use 1 1/2" rollers
					MG54 1 5/8" spider journal, 1 1/2"-28 spline (258)	You must use 1 1/2" rollers
01-172 5 1/2"	4536E	20-8	M12WS172X	08-104900 Weld-on spider, 1 1/2" rollers (144)	MG53 1 5/8" spider journal, 1 1/2"-10 spline (257)	You must use 1 1/2" rollers
					MG54 1 5/8" spider journal, 1 1/2"-28 spline (258)	You must use 1 1/2" rollers
01-170 7 1/2"	4692	10-8	M12WS166X	08-104900 Weld-on spider, 1 1/2" rollers (144)	MG53 1 5/8" spider journal, 1 1/2"-10 spline (257)	You must use 1 1/2" rollers; 01-170 brake shoe is drilled for FC and FC-111 applications
					MG54 1 5/8" spider journal, 1 1/2"-28 spline (258)	You must use 1 1/2" rollers; 01-170 brake shoe is drilled for FC and FC-111 applications

12 1/4" Dexter



PQ series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-165 4"	4700	20-8	40-321	08-104700 Weld-on spider, 1 1/2" rollers (148)	MG67 1 1/2" spider journal, 1 1/2"-28 spline (260)	12 1/4" Dexter brake shoes are not interchangeable with 12 1/4" Dana brake shoes
01-166 5"	4661C	20-8	40-322			
01-167 7 1/2"	4591	20-8	40-320			

12 1/4" Eaton / Fruehauf / Rockwell

Brake Shoes

Brake Shoes

12 1/4" Eaton



SA series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-085 7 1/2"	4591	20-8	820173	08-107600 Bolt-on spider, 1 1/2" rollers (149)	MG78 1 1/2" spider journal, 1 1/2"-10 spline (261)	

12 1/4" Fruehauf



F series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-120 8"	4649	20-8	ACD-2227-1	08-107700 Weld-on spider, 1" rollers (150)	MG83 1 5/8" spider journal, 1 5/8"-37 spline (262)	

12 1/4" Rockwell



Q series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-087 7 1/2"	4670	10-9	A-3222-S-1527	3222-P-1524	08-109300 Weld-on spider, 1 1/2" rollers (151)	MG95 1 5/8" spider journal, 1 1/2"-28 spline (264)	Early design shoe (web# 3222-H-1126) is not interchangeable with 01-087 late design shoe; Rockwell Q shoes are not interchangeable with Dexter PQ shoes

Brake Shoes

14 1/2" Rockwell 15" Bendix / Dana

Brake Shoes

14 1/2" Rockwell



W series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-144 4"	4227G	3/8" bolt	A27-3722-B-366	3722-Z-364	08-125100 1 1/2" rollers (152)	MG42	3.75 cam head with a lock ring groove on the spline end
						1 1/2" spider journal, 1 1/2"-10 spline (265)	3.88 cam head with a lock ring groove on the spline end
						MG43	3.88 cam head with a lock ring groove on the spline end
01-145 5"	4398B	3/8" bolt	A31-3722-D-368	3722-Z-364	08-125100 1 1/2" rollers (152)	MG42	3.75 cam head with a lock ring groove on the spline end
						1 1/2" spider journal, 1 1/2"-10 spline (266)	3.88 cam head with a lock ring groove on the spline end
						MG43	3.88 cam head with a lock ring groove on the spline end
01-146 6"	4228B	3/8" bolt	A1-3222-M-1157	3722-Z-364	08-125100 1 1/2" rollers (152)	MG42	3.75 cam head with a lock ring groove on the spline end
						1 1/2" spider journal, 1 1/2"-10 spline (265)	3.88 cam head with a lock ring groove on the spline end
						MG43	3.88 cam head with a lock ring groove on the spline end
01-147 8"	4541B	3/8" bolt	A24-3722-P-406	3722-Z-364	08-125200 1 1/2" rollers (153)	MG41	3.88 cam head with a tapped bolt hole on the spline end
						1 1/2" spider journal, 1 1/2"-10 spline (267)	
◆ 10"	4592A	3/8" bolt	A1-3722-L-688	3722-F-682	08-125201 1 1/2" rollers (153)	MG41	3.88 cam head with tapped bolt hole on the spline end; This shoe replaced by 01-149
01-148 10"	4592A	3/8" bolt	A1-3722-J-686	3722-F-682	08-125300 1 1/2" rollers (154)	MG41	3.88 cam head with a tapped bolt hole on the spline end; No spider journal groove
						1 1/2" spider journal, 1 1/2"-10 spline (267)	3.88 cam head with a tapped bolt hole on the spline end; Spider journal groove at 3 7/8"
						MG44	3.88 cam head with a tapped bolt hole on the spline end; Spider journal groove at 3 7/8"
01-149 10"	4592A	3/8" bolt	A1-3722-R-824	3722-N-820	08-125201 1 1/2" rollers (153)	MG43	3.88 cam head with a lock ring groove on the spline end
						1 1/2" spider journal, 1 1/2"-10 spline (268)	

15" Bendix



Brazilian series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks	
01-078 4"	4693	10-8	2259428	08-114000 1 1/2" rollers (155)	MG11	Cam head tips machined to 3 3/4" diameter; Cams are no longer available. Shown in cam section for reference only	
					1 1/2" spider journal, 1 1/2"-10 spline (270)		
					MG12	Cam head tips machined to 3 3/4" diameter; Cams are no longer available. Shown in cam section for reference only	
						1 1/2" spider journal, 1 1/2"-28 spline (271)	

15" Dana



HA series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-003 4"	4693	10-8	150WS120X	08-116600 1 1/2" rollers (156)	—	Cams are not available at this time

15" Eaton

Brake Shoes

Brake Shoes

15" Eaton



EB series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-080 4"	1308	10-7	1005840	1005836	08-111300 1 1/4" rollers (157)	MG15 1 1/4" spider journal, 1 1/4"-10 spline (271)	15 x 4 Eaton EB and ES shoes use the same brake kit



ES series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-0801 4"	1443TT	10-8	807685	807686	08-111300 1 1/4" rollers (157)	MG16 1 1/4" spider journal, 1 1/4"-10 spline (273)	15 x 4 Eaton EB and ES shoes use the same brake kit



ES-II series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-081 4"	4729	10-8	974584	974582	08-114700 1 1/4" rollers (158)	—	Double web brake shoe; Cams not available at this time



ES-II series - reduced envelope

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-016 6"	4716	10-8	819716	819715	08-104400 1 1/4" rollers (160)	MG39 1 1/2" spider journal, 1 1/2"-10 spline (274)	ES shoe (web# 813011) is no longer available; Replace with 01-016 ES-II shoe
01-018 8 5/8"	4717	10-8	819718	819715	08-104430 1 1/4" rollers (160)	MG39 1 1/2" spider journal, 1 1/2"-10 spline (274)	ES shoe (web# 813011) is no longer available; Replace with 01-018 ES-II shoe

Brake Shoes

15" Rockwell

Brake Shoes

15" Rockwell



T series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-194 3 1/2"	1307	10-8	A-3222-K-1103	3222-S-1085	08-110700 1 1/4" rollers (161)	MG20 1 1/4" spider journal, 1 1/4"-10 spline (275)	Old style MG19 flat head cam replaced by MG20 S-head cam; Be sure to replace in pairs
						MG24 1 1/2" spider journal, 1 1/2"-10 spline (276)	
01-195 4"	1308	10-7	A-3222-F-1072	3222-S-1085	08-110700 1 1/4" rollers (161)	MG20 1 1/4" spider journal, 1 1/4"-10 spline (275)	Old style MG19 flat head cam replaced by MG20 S-head cam; Be sure to replace in pairs
						MG24 1 1/2" spider journal, 1 1/2"-10 spline (276)	



Q series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-077 4"	1308TT	10-7	A-3222-F-1982	3222-D-1980	08-111100 1 1/4" rollers (162)	MG21 1 1/4" spider journal, 1 1/4"-24 spline (277)	MG21 cam for backing plates with 1 1/2" offset
						MG23 1 1/4" spider journal, 1 1/4"-24 spline (278)	MG23 cam for backing plates with 2" offset

15" Rockwell 15" Wagner

Brake Shoes

Brake Shoes

15" Rockwell



Q-Plus series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-004 4"	4702	10-8	A-3222-M-2223	3222-M-2223	08-116000 1 1/4" rollers, 01-3696 return spring (163)	MG26 1 1/2" spider journal, 1 1/2"-28 spline (279)	1st design shoe A-3222-C-2109 (web# A-3222-B-2108) and 2nd design shoe A-3222-G-2165 (web# 3222-F-2164) are interchangeable with current design shoe. Be sure to change in pairs
					08-116030 1 1/4" rollers, 01-3697 return spring (163)	MG26 1 1/2" spider journal, 1 1/2"-28 spline (279)	Mack front axles
01-005 5"	4703	10-8	A-3222-D-2110	3222-B-2108	08-116000 1 1/4" rollers, 01-3696 return spring (163)	MG26 1 1/2" spider journal, 1 1/2"-28 spline (279)	
					08-116030 1 1/4" rollers, 01-3697 return spring (163)	MG26 1 1/2" spider journal, 1 1/2"-28 spline (279)	Mack front axles
01-006 6"	4704	10-8	A-3222-E-2111	3222-B-2108	08-116000 1 1/4" rollers, 01-3696 return spring (163)	MG26 1 1/2" spider journal, 1 1/2"-28 spline (279)	
					08-116030 1 1/4" rollers, 01-3697 return spring (163)	MG26 1 1/2" spider journal, 1 1/2"-28 spline (279)	Mack front axles
01-007 7"	4705	10-8	A-3222-F-2112	3222-B-2108	08-116000 1 1/4" rollers (163)	MG26 1 1/2" spider journal, 1 1/2"-28 spline (279)	
01-009 8 5/8"	4710	10-8	A-3222-A-2159	3222-B-2108	08-116000 1 1/4" rollers (163)	MG26 1 1/2" spider journal, 1 1/2"-28 spline (279)	

15" Wagner



Front Axle

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
◆ 3"	1278	8-7	FE32379	232	08-110100 1 1/4" rollers (164)	— 1 1/4" spider journal, 1 1/4"-10 spline	Cams no longer available
01-069 3 1/2"	1279	8-7	FE83177	455	08-110200 1 1/4" rollers (165)	— 1 1/4" spider journal, 1 1/4"-10 spline	Cams no longer available
◆ 4"	1308A	8-7	FE80429	426	08-109900 1 1/4" rollers (166)	— 1 1/4" spider journal, 1 1/4"-10 spline	Cams no longer available
◆ 4"	1308A	8-7	FE88633	458	08-109900 1 1/4" rollers (166)	— 1 1/4" spider journal, 1 1/4"-10 spline	Cams no longer available

Brake Shoes

15" Wagner
16 1/4" Rockwell
16 1/2" Bendix

Brake Shoes

15" Wagner



Front axle

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-072 4"	1308A	8-7	FE100307	512	08-110000 1 1/4" rollers (167)	— 1 1/4" spider journal, 1 1/4"-10 spline	Cams no longer available



Drive axle

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-197 6"	4594	10-8	FE31978	08-108400 1 5/8" rollers (168)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (280)	
01-198 7"	4595	10-8	FE31965	08-108400 1 5/8" rollers (168)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (280)	

16 1/4" Rockwell



T series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-074 3 1/2"			A-3722-U-385	3722-S-383	08-110800 1 1/4" rollers (169)	MG24 1 1/2" spider journal, 1 1/2"-10 spline (281)	Eccentric anchor pins
					08-110900 1 1/4" rollers (170)	MG24 1 1/2" spider journal, 1 1/2"-10 spline (281)	Concentric anchor pins

16 1/2" Bendix



Brazilian series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-079 7"	4515G	10-8	2259450	08-114200 1 1/2" rollers (171)	MG32 1 1/2" spider journal, 1 1/2"-10 spline (282)	MG32 cams are no longer available; They can be replaced with MG45 cams in pairs using different lock rings and shim washers

16 1/2" Dana

Brake Shoes

Brake Shoes

16 1/2" Dana



FT series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-103 6"	4514G	10-8	201118-1	08-100100 Locked anchor pin, 1 1/4" rollers (174)	MG57 1 1/2" spider journal, 1 1/2"-10 spline (283)	Dana FT and Rockwell P shoes are interchangeable
				08-100300 Floating anchor pin, 1 1/4" rollers (175)	MG57 1 1/2" spider journal, 1 1/2"-10 spline (283)	Dana FT and Rockwell P shoes are interchangeable
01-100 7"	4515E	10-8	201116-1	08-100100 Locked anchor pin, 1 1/4" rollers (174)	MG57 1 1/2" spider journal, 1 1/2"-10 spline (283)	Dana FT and Rockwell P shoes are interchangeable
				08-100300 Floating anchor pin, 1 1/4" rollers (175)	MG57 1 1/2" spider journal, 1 1/2"-10 spline (283)	Dana FT and Rockwell P shoes are interchangeable



FC & Xtra-Life series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-128 7"	4515E	10-8	M16WS103X	08-108800 1 1/4" rollers (178)	MG58 1 1/2" spider journal, 1 1/2"-28 spline (284)	Dana FC and Rockwell Q shoes are interchangeable
01-128 7"	4701	10-9	M16WS103X	08-116200 1" rollers (177)	MG59 1 1/2" spider journal, 1 1/2"-10 spline (285)	Dana XL and Rockwell Q-Plus shoes are not interchangeable
					MG60 1 1/2" spider journal, 1 1/2"-28 spline (286)	Dana XL and Rockwell Q-Plus shoes are not interchangeable



Xtra-Life II series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-008 7"	4707	10-9	4707R	08-108831 1 1/4" rollers (178)	MG55 1 5/8" spider journal, 1 1/2"-10 spline (287)	Dana XL-II and Rockwell Q-Plus shoes are interchangeable
					MG56 1 5/8" spider journal, 1 1/2"-28 spline (288)	Dana XL-II and Rockwell Q-Plus shoes are interchangeable

Brake Shoes

16 1/2" Eaton

Brake Shoes

16 1/2" Eaton



EB series - high mount

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-186 5"	4223A	10-8	805677, 804378	08-104220 1 5/8" rollers (180)	MG37 1 1/2" spider journal, 1 1/2"-10 spline (289)	Return spring pin does not line up with hole in opposite web; Steer axle
01-187 6"	4317G	10-8	805679	08-104220 1 5/8" rollers (180)	MG37 1 1/2" spider journal, 1 1/2"-10 spline (289)	Return spring pin does not line up with hole in opposite web; Steer or drive axle
01-182 7"	4311J	10-8	1001955, 805460, 804845	08-104220 1 5/8" rollers (180)	MG37 1 1/2" spider journal, 1 1/2"-10 spline (289)	Return spring pin does not line up with hole in opposite web; Drive axle



EB series - low mount

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-188 6"	4317G	10-8	805678, 804897	08-104200 1 5/8" rollers (180)	MG37 1 1/2" spider journal, 1 1/2"-10 spline (289)	Drive axle
01-191 7"	4311J	10-8	805442, 804365	08-104200 1 5/8" rollers (180)	MG37 1 1/2" spider journal, 1 1/2"-10 spline (289)	Drive axle
				08-104230 1 5/8" rollers (180)	MG71 1 5/8" spider journal, 1 1/2"-10 spline (292)	Trailer axle
					MG72 1 5/8" spider journal, 1 1/2"-28 spline (293)	Trailer axle
01-193 8 5/8"	4674	10-8	1006183, 805682	08-104200 1 5/8" rollers (180)	MG37 1 1/2" spider journal, 1 1/2"-10 spline (289)	Drive axle
				08-104230 1 5/8" rollers (180)	MG71 1 5/8" spider journal, 1 1/2"-10 spline (292)	Trailer axle
					MG72 1 5/8" spider journal, 1 1/2"-28 spline (293)	Trailer axle



ES series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-012 7"	4709	10-9	806229	806230	08-114800 1 1/4" rollers (181)	MG39 1 1/2" spider journal, 1 1/2"-10 spline (290)	Retainer springs hook on the shoe table; Drive axle
						MG73 1 5/8" spider journal, 1 1/2"-10 spline (294)	Retainer springs hook to the shoe table; Trailer axle
						MG74 1 5/8" spider journal, 1 1/2"-28 spline (295)	Retainer springs hook to the shoe table; Trailer axle

16 1/2" Eaton 16 1/2" Fruehauf

Brake Shoes

Brake Shoes

16 1/2" Eaton



ES-II series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-025 5"	4719	10-9	819705	819700	08-114920 1 1/4" rollers, (2) 01-340 return springs (182)	MG39 1 1/2" spider journal, 1 1/2"-10 spline (290)	Use 02-362 bracket with 01-340 return springs; Retainer springs hook on the shoe web; Steer axle
01-026 6"	4725	10-9	819706	819700	08-114920 1 1/4" rollers, (2) 01-340 return springs (182)	MG39 1 1/2" spider journal, 1 1/2"-10 spline (290)	Use 02-362 bracket with 01-340 return springs; Retainer springs hook on the shoe web; Steer or drive axle
01-027 7"	4709	10-9	819707	819700	08-114900 1 1/4" rollers (182)	MG39 1 1/2" spider journal, 1 1/2"-10 spline (290)	Retainer springs hook on the shoe web; Drive axle
01-028 8 5/8"	4726	10-9	819708	819700	08-114900 1 1/4" rollers (182)	MG39 1 1/2" spider journal, 1 1/2"-10 spline (290)	Retainer springs hook on the shoe web; Drive axle



ES series - severe duty - cast

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-015 7"	4708	10-10	810214		08-115700 1 1/4" rollers (184)	MG39 1 1/2" spider journal, 1 1/2"-10 spline (290)	



ES series - severe duty

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-014 7"	4708	10-9	812114	807849	08-115600 1 1/4" rollers (183)	MG39 1 1/2" spider journal, 1 1/2"-10 spline (290)	ES severe duty fabricated shoe looks almost identical to the Rockwell P series shoe

16 1/2" Fruehauf



F series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-112 7"	4515E	10-8	ACE-6184-1, 514958-1		08-100600 1 1/4" rollers (188)	MG57 1 1/2" spider journal, 1 1/2"-10 spline (296)	You can replace F series shoes with XEM shoes and kits; TKF Axle
						MG81 1 5/8" spider journal, 1 5/8"-37 spline (297)	You can replace F series shoes with XEM shoes and kits; Propar Axle

Brake Shoes

16 1/2" Fruehauf
16 1/2" Mack

Brake Shoes

16 1/2" Fruehauf



XEM series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-124 7"	4515E	10-8	ACF-3379-1	08-109100 1 1/4" rollers (190)	MG81 1 5/8" spider journal, 1/58"-37 spline (297)	Fruehauf XEM shoes are not interchangeable with Rockwell Q or Q-Plus shoes
01-122 8 5/8"	4551E	10-8	ACF-3380-1	08-109130 1 1/4" rollers, HD return spring (190)	MG81 1 5/8" spider journal, 1/58"-37 spline (297)	It takes (1) 01-122 and (1) 01-123 per wheel
01-123 8 5/8"	4551E	10-8	ACF-3380-2	08-109130 1 1/4" rollers, HD return spring (190)	MG81 1 5/8" spider journal, 1/58"-37 spline (297)	It takes (1) 01-122 and (1) 01-123 per wheel

16 1/2" Hendrickson



Standard series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-128 7"	4515E	10-8	—	08-108800 1 1/4" rollers (193)	MG86 1 1/2" spider journal, 1 1/2"-28 spline (299)	Hendrickson standard shoes are interchangeable with Rockwell Q shoes



HXS series

Part No.	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-008 7"	4707	10-8	—	08-108830 1 1/4" rollers, HD return spring (193)	MG85 1 1/2" spider journal, 1 1/2"-10 spline (300)	Hendrickson HXS shoes are interchangeable with Rockwell Q-Plus shoes

16 1/2" Mack



Q series - Front axle - relocated spring clip hole

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-127 5"	4524B	10-8	A-3222-J-1440	3222-U-1347	08-111630 1 1/4" rollers, 01-3751 return spring (196)	MG28 1 1/2" spider journal, 1 1/2"-28 spline (303)	MG28 claw-head cams are no longer available; Replace with a MG48 Q+ cam of the appropriate length and use an 08-111630 kit (01-3751 return spring)
01-126 6"	4514G	10-8	A-3222-V-1348	3222-U-1347	08-111630 1 1/4" rollers, 01-3751 return spring (196)	MG28 1 1/2" spider journal, 1 1/2"-28 spline (303)	MG28 claw-head cams are no longer available; Replace with a MG48 Q+ cam of the appropriate length and use an 08-111630 kit (01-3751 return spring)

16 1/2" Mack 16 1/2" Rockwell

Brake Shoes

Brake Shoes

16 1/2" Mack



P series - heavy duty

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-101 7"	4515E	10-8	A1-3222-X-1090	3222-G-1203, 3222-H-1204	08-108260 1 1/4" rollers (197)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (304)	Interchangeable with 01-102 HD P shoe or the 01-125 HD Q shoe
01-102 7"	4625B	10-8	A19-3222-H-1074	3222-Y-1091	08-108300 1 5/8" rollers (198)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (304)	Interchangeable with the 01-125 HD Q shoe



Q series - heavy duty

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-125 7"	4515H	10-8	A-3222-S-1735	3222-Q-1733	08-111500 1 5/8" rollers (199)	MG46 1 1/2" spider journal, 1 1/2"-28 spline (305)	Interchangeable with the 01-128 standard Q shoe and brake kit

16 1/2" Rockwell



P series - cast

Part No.	FMSI No.	Rivet Size	OEM Number	Cast No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-135 7"	4515E	10-10	A25-3222-D-1954, A40-3222-X-1584	3222-C-1953	08-109800 1 5/8" roller (201)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (306)	08-109800 has 01-323 return spring; Closed roller shoe no longer available (cast# 4222-D-446); Use 08-109801 kit for closed roller shoe
					08-109830 1 5/8" roller (201)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (306)	08-109830 has 01-371 return spring; Closed roller shoe no longer available (cast# 4222-D-446); Use 08-109831 kit for closed roller shoe

Brake Shoes

16 1/2" Rockwell

Brake Shoes

16 1/2" Rockwell



P series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-104 4"	4549C	10-8	A-3722-B-80	3722-A-183	◆ 1 1/4" rollers	MG45 1 1/2" spider journal, 1 1/2"-10 spline (306)	P series shoes can be replaced by Q series shoes; Steer axle
01-105 5"	4524B	10-8	A-3722-D-82	3722-A-183	◆ 1 1/4" rollers	MG45 1 1/2" spider journal, 1 1/2"-10 spline (306)	P series shoes can be replaced by Q series shoes; Steer axle
01-103 6"	4514G	10-8	A-3722-L-64	3722-A-183	◆ 1 1/4" rollers	MG45 1 1/2" spider journal, 1 1/2"-10 spline (306)	P series shoes can be replaced by Q series shoes; Steer axle
					08-100100 1 1/4" rollers, Locked anchor pin (202)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (306)	Drive axle
					08-100300 1 1/4" rollers, Floating anchor pin (203)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (306)	Drive axle
					08-100300 1 1/4" rollers, Floating anchor pin (203)	MG57 1 1/2" spider journal, 1 1/2"-10 spline (309)	Trailer axle
					08-100300 1 1/4" rollers, Floating anchor pin (203)	MG88 1 1/2" spider journal, 1 1/2"-10 spline (310)	Trailer axle
01-100 7"	4515E	10-8	A-3722-N-66	3722-A-183	08-100100 1 1/4" rollers, Locked anchor pin (202)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (306)	Drive axle
					08-100300 1 1/4" rollers, Floating anchor pin (203)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (306)	Drive axle
					08-100300 1 1/4" rollers, Floating anchor pin (203)	MG57 1 1/2" spider journal, 1 1/2"-10 spline (309)	Trailer axle
					08-100300 1 1/4" rollers, Floating anchor pin (203)	MG88 1 1/2" spider journal, 1 1/2"-10 spline (310)	Trailer axle
01-098 8 5/8"	4551E	10-8	A-3222-L-1572	3722-A-183	08-100360 1 1/4" rollers, Floating anchor pin, HD (203)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (306)	Drive axle
						MG88 1 1/2" spider journal, 1 1/2"-10 spline (306)	Trailer axle

16 1/2" Rockwell

Brake Shoes

Brake Shoes

16 1/2" Rockwell



Q series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-130 5"	4524B	10-8	A-3222-E-1383	3222-Q-1291	08-108800 1 1/4" rollers (204)	MG46 1 1/2" spider journal, 1 1/2"-28 spline (307)	Steer axle
					08-116700 1 1/4" rollers (200)	MG46 1 1/2" spider journal, 1 1/2"-28 spline (307)	Steer axle; Use on FH and FL axles
01-131 6"	4514G	10-8	A-3222-C-1381	3222-Q-1291	08-108800 1 1/4" rollers (204)	MG46 1 1/2" spider journal, 1 1/2"-28 spline (307)	Steer or drive axle
					08-116700 1 1/4" rollers (200)	MG46 1 1/2" spider journal, 1 1/2"-28 spline (307)	Steer Axle; Use on FH and FL axles
01-128 7"	4515E	10-8	A-3222-S-1293	3222-Q-1291	08-108800 1 1/4" rollers (204)	MG46 1 1/2" spider journal, 1 1/2"-28 spline (307)	Drive axle
						MG89 1 5/8" spider journal, 1 1/2"-28 spline (311)	Trailer axle
						MG91 1 5/8" spider journal, 1 1/2"-28 spline (312)	Trailer axle; MG91 cams have hardened spider journal
01-134 8"	4644B	10-8	A-3222-B-1510	3222-Q-1291	08-108830 1 1/4" rollers, HD return spring (204)	MG46 1 1/2" spider journal, 1 1/2"-28 spline (307)	Drive axle
						MG89 1 5/8" spider journal, 1 1/2"-28 spline (311)	Trailer axle
						MG91 1 5/8" spider journal, 1 1/2"-28 spline (312)	Trailer axle; MG91 cams have hardened spider journal
01-132 8 5/8"	4551B	10-8	A-3222-T-1346	3222-Q-1291	08-108830 1 1/4" rollers, HD return spring (204)	MG46 1 1/2" spider journal, 1 1/2"-28 spline (307)	Drive axle
						MG89 1 5/8" spider journal, 1 1/2"-28 spline (311)	Trailer axle
						MG91 1 5/8" spider journal, 1 1/2"-28 spline (312)	Trailer axle; MG91 cams have hardened spider journal
01-133 10"	4514G/ 4549C	10-8	A-3222-D-1356	3222-Q-1291	08-108860 1 1/4" rollers, Severe service return spring (204)	MG89 1 5/8" spider journal, 1 1/2"-28 spline (311)	Trailer axle
						MG91 1 5/8" spider journal, 1 1/2"-28 spline (312)	Trailer axle; MG91 cams have hardened spider journal
						MG91 1 5/8" spider journal, 1 1/2"-28 spline (312)	Trailer axle; MG91 cams have hardened spider journal

Brake Shoes

16 1/2" Rockwell
18" Dana / Eaton

Brake Shoes

16 1/2" Rockwell



Q-Plus series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-013 5"	4720	10-9	A-3222-Z-2288	3222-M-2196	08-108800	MG48	Steer axle
					1 1/4" rollers, 01-369 return spring (204)	1 1/2" spider journal, 1 1/2"-28 spline (308)	
					08-111630	MG48	Mack steer axle
01-011 6"	4715	10-9	A-3222-P-2200	3222-M-2196	1 1/4" rollers, 01-3751 return spring (196)	1 1/2" spider journal, 1 1/2"-28 spline (308)	Steer or drive axle
					08-108800	MG48	
					08-111630	MG48	Mack steer axle
01-008 7"	4707	10-9	A-3222-D-2006	3222-A-2003	1 1/4" rollers, HD return spring (204)	1 1/2" spider journal, 1 1/2"-28 spline (308)	Drive axle
					08-108830	MG93	Trailer axle
					1 1/4" rollers, 01-3751 return spring (196)	1 1/2" spider journal, 1 1/2"-28 spline (308)	
01-010 8"	4718	10-9	A-3222-J-2272	3222-A-2003	08-108830	MG48	Drive axle
					1 1/4" rollers, HD return spring (204)	1 1/2" spider journal, 1 1/2"-28 spline (308)	
					08-111630	MG93	Trailer axle
01-019 8 5/8"	4711	10-9	A-3222-K-2169	3222-A-2003	08-108830	MG48	Drive axle
					1 1/4" rollers, HD return spring (204)	1 1/2" spider journal, 1 1/2"-28 spline (308)	
					08-111630	MG93	Trailer axle
						1 5/8" spider journal, 1 1/2"-28 spline (313)	

18" Dana



FT series

Part No.	FMSI No.	Rivet Size	OEM Number	Web No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-142 7"	4284	3/8" bolt	M18WS100X, 201144	216104-1	08-109560	MG58	
					1 1/2" rollers, HD return spring (207)	1 1/2" spider journal, 1 1/2"-28 spline (315)	

18" Eaton



EB series

Part No.r	FMSI No.	Rivet Size	OEM Number	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-192 7"	4527B	3/8" bolt	1003017	08-109600	MG37	Narrow channel shoe no longer available; Use 08-109601 kit for narrow channel shoe
				1 5/8" rollers, Wide channel shoe (208)	1 1/2" spider journal, 1 1/2"-10 spline (316)	

18" Rockwell 20" Dana

Brake Shoes

Brake Shoes

18" Rockwell



P series

Part Number	FMSI No.	Rivet Size	OEM Number	Cast No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-138 7"	4471B	10-10	A1-3222-B-1952, A25-3222-V-1244	3222-A-1951	08-109800 1 5/8" rollers (209)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (317)	08-109800 has 01-323 return spring; Closed roller shoe no longer available (cast# 4222-Q-433); Use 08-109801 kit for closed roller shoe
					08-109830 1 5/8" rollers (209)	MG45 1 1/2" spider journal, 1 1/2"-10 spline (317)	08-109830 has 01-371 return spring; Closed roller shoe no longer available (cast# 4222-Q-433); Use 08-109831 kit for closed roller shoe

20" Dana



FT series

Part Number	FMSI No.	Rivet Size	OEM Number	Cast No.	Brake Kit (page no.)	Camshaft Master Group (page no.)	Remarks
01-141L 8"	4350A	3/8" bolt	M20WS103, 201999-17	M20WS102	08-108600 1 3/4" rollers (210)	MG68 1 3/4" spider journal, 1 3/4"-10 spline (318)	Brake shoe sold lined only