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## 4.1 Dana/Eaton Axles

### 4.1.1: DANA/EATON AXLES



Picture for reference only

Part Number	Track Length	Bearing Combination*	28 Spline Cam Length	Brake Size	Slack Adjuster	Air Chambers	ABS	Notes
DAND22AX5031314	71-1/2"	Standard	20-5/8"	16-1/2" x 7"	No	No	Yes	
DAND22AX603-1275	71-1/2"	Standard	23-3/4"	16-1/2" x 7"	No	No	No	
DAND22AX501A1368	71-1/2"	Standard	23-3/4"	16-1/2" x 7"	Manual	30/30	Yes	Note 1
D22AX503370	77-1/2"	Standard	20-5/8"	16-1/2" x 8-5/8"	No	No	No	
EATEST225P-315667	77-1/2"	Pro-Par	23-3/8"	16-1/2" x 7"	No	No	No	
D22AX501A1364	80"	Standard	23-3/8"	12-1/4" x 7"	Auto	30	No	Note 1

\*Standard=HM212049/HM218210

Pro-Par=HM518445/HM518410

Note 1: complete with stud piloted hubs & drums

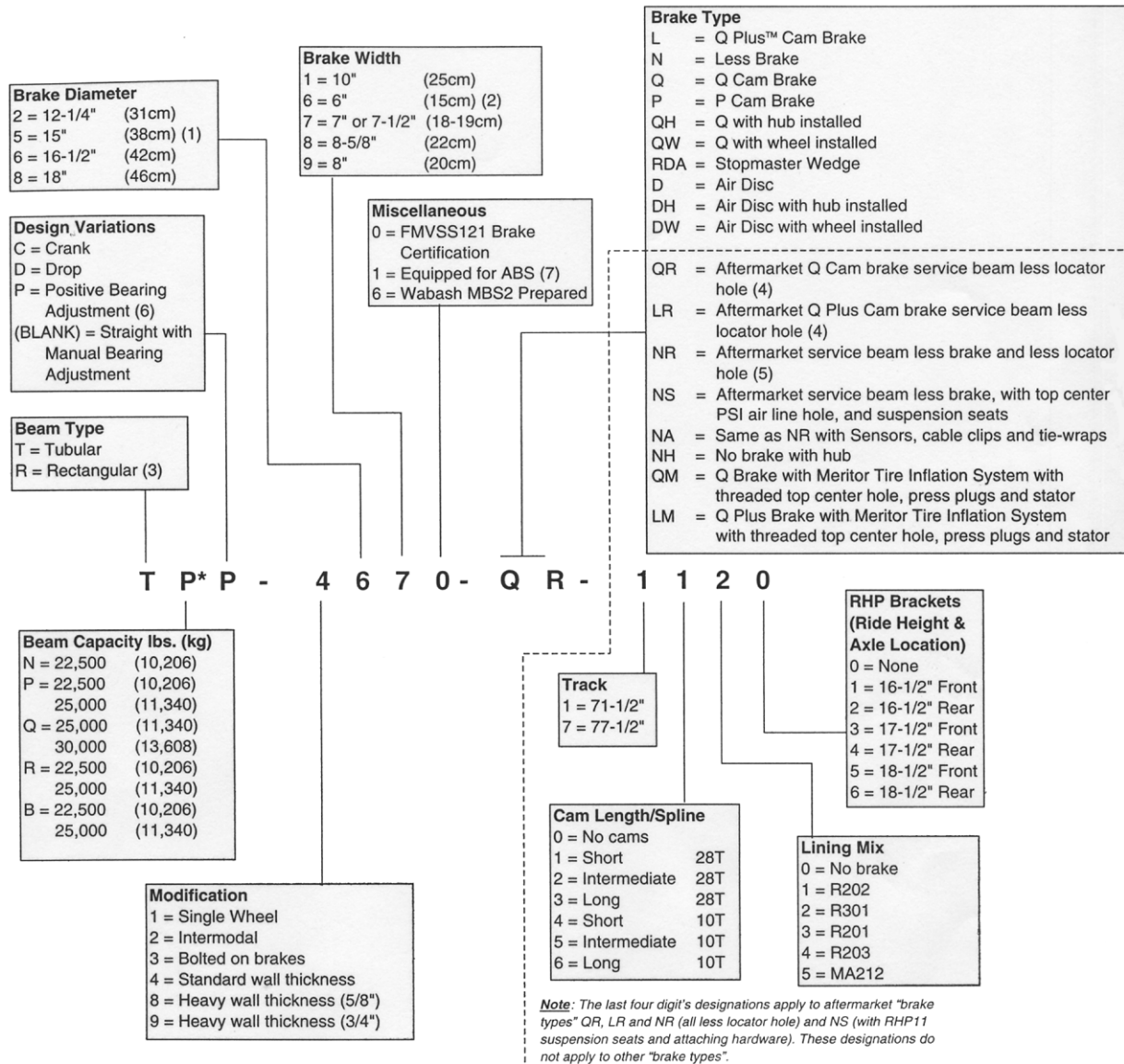
Note 2: complete with hub piloted hubs & drums

## 4.2 Meritor Axles



# MERITOR

### 4.2.1: AFTERMARKET IDENTIFICATION CHART



- (1) Drum or rotor
- (2) Denotes brake shoe width or pad size
- (3) Service beam only
- (4) Equipped with brake shoes and camshafts
- (5) Equipped with camshafts but no brake shoes
- (6) Not available in crank or drop center axles
- (7) Used on all NS axles

#### \* Bearings

- N = HM218248 / HM212049
- P = HM518445 / HM518445
- Q = HM218248 / HM212049
- R = 594A / 580
- B = Unitized hub and bearings

**4.2.2: MERITOR AXLE BEAMS**

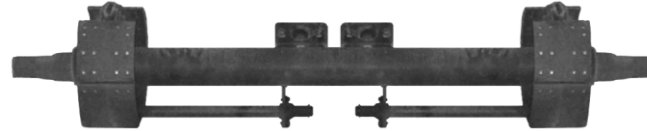


5"

Part Number	Track Length	Bearing Combination Inner/Outer	Rating	Cam Length	Brake Size	ABS	Special Features
MTRTK-4670-NR-1600	71-1/2"	663/HM212049	22,500	24.14"	16-1/2" x 7"	Yes	
MTRTQ-4271-NR-1300	71-1/2"	HM212049/HM218210	25,000	23.30"	12-1/4" x 7-1/2"	Yes	
MTRTQ-4681-NR-7300	77-1/2"	HM212049/HM218210	25,000	24.14"	16-1/2" x 8-5/8"	Yes	
MTRWP-4671-NS-7101	77-1/2"	HM518445/HM518410	22,500	24.14" 28T	16-1/2" x 7"	Yes	RHP11 front axle
MTRWP-4671-NS-7102	77-1/2"	HM518445/HM518410	22,500	24.14" 28T	16-1/2" x 7"	Yes	RHP11 rear axle
MTRWP-8671-NS-7101	77-1/2"	HM518445/HM518410	25,000	24.14" 28T	16-1/2" x 7"	Yes	RHP11 front axle
MTRWP-8671-NS-7102	77-1/2"	HM518445/HM518410	25,000	24.14" 28T	16-1/2" x 7"	Yes	RHP11 rear axle

**4.2.3: MERITOR AXLES WITH CAM SHAFTS & BRAKE SHOES**

**4.2.3.1: MERITOR AXLES WITH STANDARD HM BEARING COMBINATIONS**



5" Round Axles with brake shoes

Part Number	Track Length	Bearing Combo Inner/Outer	Rating	Cam Length 28 Spline	Brake Size	ABS	Special Features
MTRTN-4671-QR-1150	71-1/2"	HM212049/HM218210	22,500	17.38"	16-1/2" x 7" Q	Yes	MA212 Lining
MTRTN-4671-QR-1250	71-1/2"	HM212049/HM218210	22,500	20.47"	16-1/2" x 7" Q	Yes	MA212 Lining
MTRTN-4671-QR-7150	77-1/2"	HM212049/HM218210	22,500	17.38"	16-1/2" x 7" Q	Yes	MA212 Lining
MTRTN-4671-QR-7250	77-1/2"	HM212049/HM218210	22,500	20.47"	16-1/2" x 7" Q	Yes	MA212 Lining
MTRTQ-4671-QR-1250	71-1/2"	HM212049/HM218210	25,000	20.47"	16-1/2" x 7" Q	Yes	MA212 Lining
MTRTQ-4671-QR-1350	71-1/2"	HM212049/HM218210	25,000	24.14"	16-1/2" x 7" Q	Yes	MA212 Lining
MTRTQ-4671-LR-7150	77-1/2"	HM212049/HM218210	25,000	17.38"	16-1/2" x 7" Q+	Yes	MA212 Lining
MTRTQ-4671-QR-7350	77-1/2"	HM212049/HM218210	25,000	24.14"	16-1/2" x 7" Q	Yes	MA212 Lining

**4.2.3.2: MERITOR AXLES WITH PRO-PAR HM BEARING COMBINATIONS**

Part Number	Track Length	Bearing Combination Inner/Outer	Rating	Cam Length 28 Spline	Brake Size	ABS	Special Features
MTRTP-4671-QR-1150	71-1/2"	HM518445/HM518410	22,500	17.38"	16-1/2" x 7" Q	Yes	MA212 Lining
MTRTP-4671-QR-7150	77-1/2"	HM518445/HM518410	22,500	17.38"	16-1/2" x 7" Q	Yes	MA212 Lining
MTRTP-4671-LR-7150	77-1/2"	HM518445/HM518410	22,500	17.38"	16-1/2" x 7" Q+	Yes	MA212 Lining
MTRTP-8671-QR-1350	71-1/2"	HM518445/HM518410	25,000	24.14"	16-1/2" x 7" Q	Yes	MA212 Lining
MTRTP-8671-QR-7350	77-1/2"	HM518445/HM518410	25,000	24.14"	16-1/2" x 7"	Yes	MA212 Lining
MTRTP-8671-LR-7350	77-1/2"	HM518445/HM518410	25,000	24.14"	16-1/2" x 7" Q+	Yes	MA212 Lining

**4.2.4: MERITOR AXLES COMPLETE WITH HUB PILOTED HUBS & DRUMS**

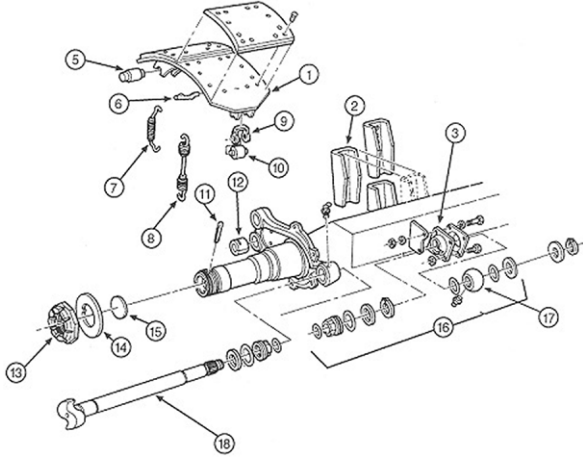

Part Number	Track Length	Bearing Combination Inner/Outer	Rating	Cam Length 28 Spline	Brake Size	Slack Adjuster	Air Chambers	ABS
MTR32404225	71-1/2"	HM212049/HM218210	25,000	20.47"	16-1/2" x 7"Q	Auto	30/30	No
MTR32404245	71-1/2"	HM212049/HM218210	22,500	24.14"	16-1/2" x 7" Q	Auto	30/30	No*
MTR32404220	71-1/2"	HM212049/HM218210	25,000	24.14"	16-1/2' x 7" Q	Auto	30/30	Yes
MTR32404236	77-1/2"	HM212049/HM218210	25,000	24.14"	16-1/2" x 7" Q	Auto	30/30	Yes
MTR32404216	77-1/2"	HM212049/HM218210	25,000	24.14"	16-1/2" x 7" Q	Auto	30/30	No
AXL7-1	77-1/2"	HM212049/HM218210	25,000	17.38"	16-1/2" x 7"	Auto	30/30	Yes*

\* Long studs for aluminum wheel mounting

### 4.3 Pro-Par Breakdown

#### 4.3.1: PRO-PAR AXLES WITH BRAKE SHOES BREAKDOWN

##### 4.3.1.1: DETAIL OF A PRO-PAR 5" SQUARE AXLE WITH BRAKES HM518445 & HM518410 BEARING COMBINATION

Item Number	Part Number	Description	Figure
1	FRUACF3379-1	XEM Unlined shoe	<p style="text-align: center;">For reference only</p>  <p style="text-align: center;">For reference only</p>
	MTRSF5554515F3	XEM Lined shoe assembly	
2	FRUACF6608-2	Brake chamber bracket	
3	FRUACF4024-900	Cam bracket kit	
5	FRUACF3378-1	Brake anchor pin	
6	FRU583015	Return spring pin	
7	FRUACF3079-1	Anchor pin spring	
8	FRUACF6414-1	HD return spring	
9	FRUACF1328-1	Roller Retainer	
10	FRU330733	Brake shoe roller	
11	FRUAXA0409-PK1	Cotter pin	
12	FRUAXA0068	Anchor pin bushing	
13	FRUACE8510-1	Axle nut	
14	FRUAXA0408-1	Metal axle plug	
15	FRUACD7180-1	Axle washer	
16	FRUAXA0420-900	Cam bushing kit	
17	FRUACD2285-900	37 SPL slack adjuster	
18	FRUAPA1283-1	37 SPL camshaft std LH	
	FRUAPA1283-2	37 SPL camshaft std RH	
	FRUAPA1283-3	37 SPL camshaft long LH	
	FRUAPA1283-4	37 SPL camshaft long RH	



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4: Axles & Components

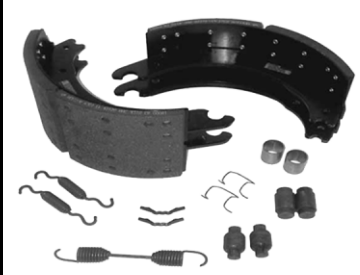
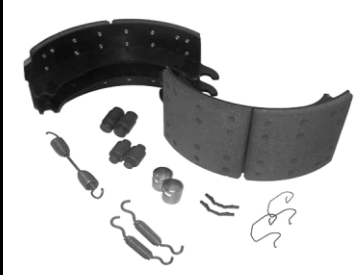
### 4.4 Brake Shoes & Linings

#### 4.4.1: AXLE BRAKE SHOES LINED (NEW)

Part Number	Brake Size	Type Shoe	Lining	Figure
MTRR717031	16-1/2" x 7"	Rockwell Q	ABEX 685	
MTRR717021	16-1/2" x 7"	Rockwell Q	ABEX 6008	
MTRSMG14515Q	16-1/2" x 7"	Rockwell Q	Meritor MG1	
MTRSF5554515Q	16-1/2" x 7"	Rockwell Q	FRAS-LE 555	
MTRSMG14707QP	16-1/2" x 7"	Rockwell Q+	Meritor MG1	
MTRR717011	16-1/2" x 7"	Fruehauf XEM3	ABEX 683	
MTRR717014	16-1/2" x 7"	Fruehauf XEM3	ABEX 6008	
MTRSF5554515F3	16-1/2" x 7"	Fruehauf XEM3	FRAS-LE 550	
MTRSMG14515F	16-1/2" x 7"	Fruehauf XEM3	Meritor MG1	
FRUACF4854-8	16-1/2" x 7"	Fruehauf XEM3	OEM Grade	
MTRSMG14311E	16-1/2" x 7"	Eaton	Meritor MG1	
MTRR717012	16-1/2" x 7"	Eaton	ABEX 685	
MTRSMG14709ES	16-1/2" x 7"	"ES"	Meritor MG1	
FRUACF4855-9	16-1/2" x 8-5/8"	LH Fruehauf	OEM GRADE	
FRUACF4855-10	16-1/2" x 8-5/8"	RH Fruehauf	OEM GRADE	
FRUACF4856-1	12-1/4" x 8"	Fruehauf	OEM GRADE	

**4.4.2: AXLE BRAKE & HARDWARE KITS (NEW)**













All Kits Include 2 New Lined Shoes and a Brake Hardware Kit.

Part Number	Brake Size	Type Shoe	Lining	Figure
MTRKMG14515Q	16-1/2" x 7"	Q	Meritor MG1	
MTRKSR3014515Q	16-1/2" x 7"	Q	Meritor R301	
MTRKR717031	16-1/2" x 7"	Q		
EAT825651	16-1/2" x 7"	Q+	OE Grade	
MTRKMG14515F	16-1/2" x 7"	XEM3	Meritor MG1	
MTRKSR3014515QF4	16-1/2" x 7"	XEM3	Meritor R301	
MTRKIT7521AFF	16-1/2" x 7"	XEM3	OE Grade	
MTRKMG14311E	16-1/2" x 7"	Eaton	Meritor MG1	





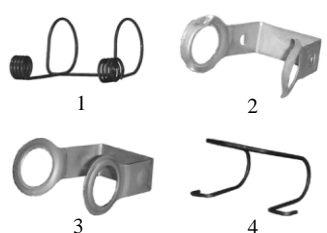





## 4.5 Brake Kits & Components

### 4.5.1: BRAKE KITS

<p>16-1/2" Pro-Par XEM3</p> 	<p>16-1/2" Pro-Par XEM</p> 	<p>16-1/2" Pro-Par XEM</p> 
<p>1. BRK1-1</p>	<p>1. BRK1-2                      Minor kit</p>	<p>1. BRK1-3</p>
<p>Pro-Par "Nonxem" Kit</p> 	<p>16-1/2" Early Model Fruehauf</p> 	<p>12-1/4" Pro-Par XEM</p> 
<p>1. BRK1-4</p>	<p>1. BRK1-5</p>	<p>1. BRK1-6</p>
<p>16-1/2" Rockwell Q</p> 	<p>16-1/2" Rockwell Q</p> 	<p>Universal "P" Style Replacement Kit</p> 
<p>1. BRK1-7 2. MTRKIT8000</p>	<p>1. BRK1-8                      Minor kit</p>	<p>1. BRK1-9</p>
<p>16-1/2" Rockwell P</p> 	<p>16-1/2" EATON Single Pin</p> 	<p>16-1/2" Rockwell Q+</p> 
<p>1. BRK1-10</p>	<p>1. BRK1-11</p>	<p>1. MTRKIT8000HD</p>

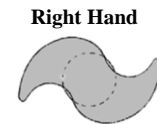
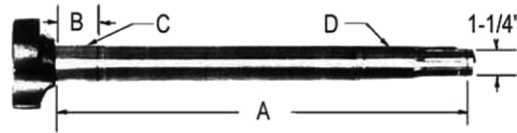
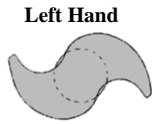
**4.5.2: BRAKE HARDWARE**

Part Number	Description	Size	Figure
FRUACF2668-X	Anchor Pin 1	2-1/2" x 7/8"	 <p>1      2      3</p>
FRUACF3378-1	Anchor Pin 2	2-7/16" x OD 1-1/4"; ID 1"	
MTR1259N274	Anchor Pin 3	2-1/4" x OD 1-1/4"; ID 1"	
MTR1259N274	Anchor Pin 3	2-1/4" x OD 1-1/4"; ID 1"	
WSH2-135	Anchor Pin Washer	OD=3/8"; ID=13/32"	
EAT125012	Lock Ring	OD 1-9/16"; ID 1-3/8"	
FRU219160	Snap Ring	OD 1-11/16"; ID 1-3/8"	
MTR1229X1116	Snap Ring	OD 1-3/8"; ID 1-3/16"	
EAT808058	Roller Retainer 1	1-1/4"	 <p>1      2</p> <p>3      4</p>
FRUACD2233-1	Roller Retainer 2	2"	
FRUACF1328-1	Roller Retainer 3	2"	
FRU330734	Roller Retainer 4	1-1/4"	
FRUACE9911-1	Return Spring	dia. .162" OD 1-1/8" length 8-3/8"	
SIRB349	Return Spring	dia. .192" OD 1-1/4" length 8-3/8"	
MTR2258Q615	Retaining Spring	5-1/2"	
FRU330733	Roller	2-1/4" x OD 1-3/8"; ID 1"	

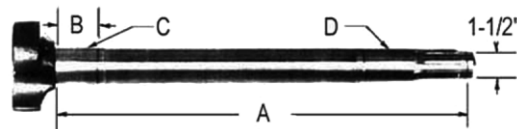
4: Axles & Components

## 4.6 Camshafts

### 4.6.1: 10 SPLINE CAMSHAFTS

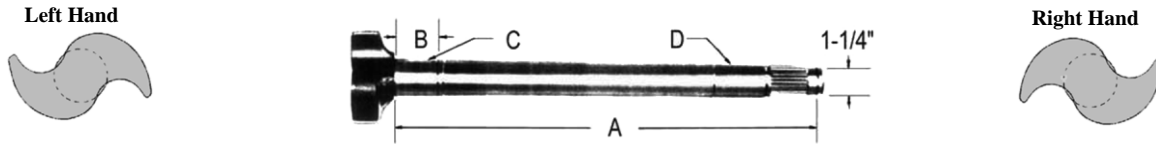


Part Number	Style	Replaces	A	B	C	D
SIRC689R	RH	L224 E684 2210-T-2490	21-3/32"	2-7/32"	1-1/2"	1-1/2"
SIRC688L	LH	L225 E685 2210-U-2491				
SIRC094R	RH	L581 E1094	23-7/16"	2-7/32"	1-1/2"	1-1/2"
SIRC095L	LH	L580 E1095				
SIRC884L	RH	L2949 E4884	22-7/8"	2-7/32"	1-1/2"	1-1/2"
SIRC885R	LH	L2948 E4885				
SIRC693L	LH	E2693 EATON125034	19-1/2"	2-7/32"	1-5/8"	1-1/2"
SIRC694R	RH	E2694 EATON125035				
SIRC720R	RH	E4720 EATON125030	23-3/4"	2-7/32"	1-5/8"	1-1/2"
SIRC721L	LH	E4721 EATON125031				
SIRC424R	RH	L173 E1424 2210-M-2483	20-3/8"	2-7/32"	1-5/8"	1-1/2"
SIRC425L	LH	L174 E1425 2210-N-2484				
DAEE2107	LH	L1627 E2107 M551L	20-3/8"	2-5/16"	1-5/8"	1-1/2"
DAEE2108	RH	L1628 E2108 M557R				
SIRC773R	RH	L1204 E1773 2210-K-3027	11-1/4"	1-3/4"	1-1/2"	1-1/2"
SIRC774L	LH	L1205 E1774 2210-L-3028				
SIRC147R	RH	L507 E1147	11-1/2"	1-3/4"	1-1/2"	1-1/2"
SIRC148L	LH	L508 E1148				
SIRC775R	RH	L1202 E1775 EATON70307	11-13/16"	1-9/16"	1-1/2"	1-1/2"
SIRC776L	LH	L1203 E1776 EATON70306				
SIRC422R	RH	L733 E1422 (Dana 12-1/4")	23-1/4"	2-21/32"	2-7/32"	1-1/2"
SIRC423L	LH	L734 E1423 (Dana 12-1/4")				
MTR2210E5413	RH	2210-E-5413	20-1/2"	1-45/64"	1-1/2"	1-1/2"
MTR2210F5414	LH	2210-F-5414				

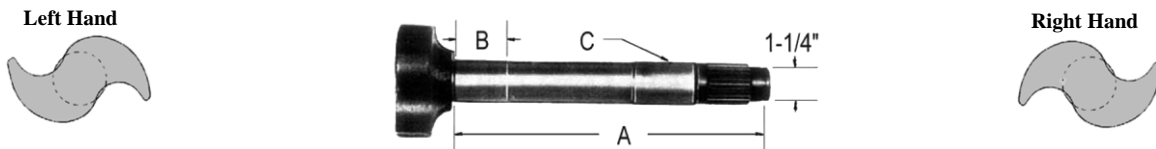


Part Number	Style	Replaces	A	B	C	D
DAEE6094	RH	M12WKR-10-233	23-1/8"	2-1/4"	1/2"	1-3/8"
DAEE6093	LH	M12WKL-10-233				

**4.6.2: 28 SPLINE CAMSHAFTS**

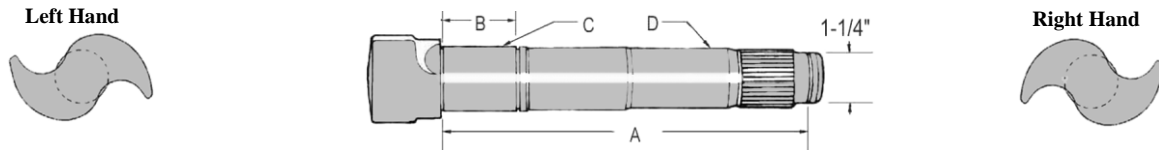


Part Number	Style	Replaces	A	B	C	D
SIRC441L	LH	2210-M-4329 E2441	17-3/8"	1-11/16"	1-5/8"	1-1/2"
SIRC442R	RH	2210-M-4328 E2442				
SIRC243L	LH	2210-R-4334 E2443	20-13/32"	1-11/16"	1-5/8"	1-1/2"
SIRC244L	RH	2210-Q-4333 E2444				
SIRC245L	LH	2210-P-4332 E2445 L1658	24-1/8"	1-11/16"	1-5/8"	1-1/2"
SIRC246R	RH	2210-N-4330 E2446 L1657				
SIRC844L	LH	E3854 M16WR105-17	20-3/8"	2-7/32"	1-5/8"	1-1/2"
SIRC855R	RH	E3855 M16WR104-17				
SIRC856L	LH	E3856 M16WR105-25	23-7/16"	2-7/32"	1-5/8"	1-1/2"
SIRC857R	RH	E3857 MNWR104-225				
SIRC935L	LH	E9735 L3289 M16WKL25-236	23-9/16"	2-7/32"	1-5/8"	1-1/2"
SIRC936R	RH	E9736 L3288 M16WKR25-236				

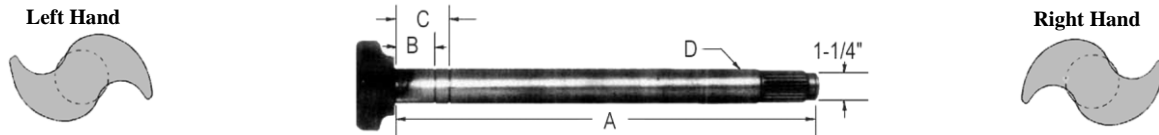


Part Number	Style	Replaces	A	B	C
SIRC349L	LH	2210-V-5326 E3349 L2341	11-9/32"	1-3/4"	1-1/2"
SIRC350R	RH	2210-U-5325 E3350 L2340			
SIRC351L	LH	2210-B-5332 E3352 L2339	11-1/2"	1-3/4"	1-1/2"
SIRC352R	RH	2210-A-5331 E3352 L2338			
SIRC728R	RH	2210-K-5341 E4728 L2882	13-1/32"	1-3/4"	1-1/2"
SIRC729L	LH	2210-L-5342 E4729 L2883			
SIRC730R	RH	2210-C-5330 E4730 L2884	13-9/32"	1-3/4"	1-1/2"
SIRC731L	LH	2210-D-5334 E4731 L2885			
SIRC732R	RH	2210-M-5395 E4722 L2888	13-17/32"	1-3/4"	1-1/2"
SIRC733L	LH	2210-N-539L E4733 L2889			

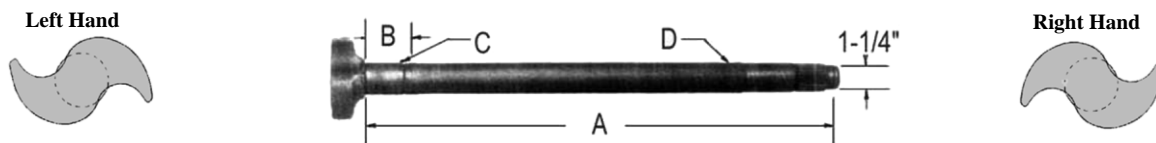
4: Axles & Components

**28 SPLINE CAMSHAFTS continued**


Part Number	Style	Replaces	A	B	C	D
MTR2210B6866	RH	Q+	17-3/8"	1-1/2"	1.62"	1-1/2"
MTR2210C6867	LH	Q+				
MTR2210F6870	RH	Q+	20-15/32"	1-1/2"	1.62"	1-1/2"
MTR2210G6871	LH	Q+				
MTR2210D6868	RH	Q+	24-9/16"	1-1/2"	1.62"	1-1/2"
MTR2210E6869	LH	Q+				

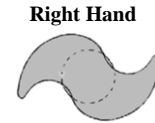
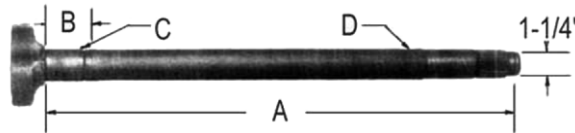
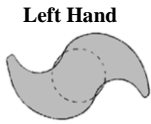


Part Number	Style	Replaces	A	B	C	D
SIRC526L	LH	M16WKL20-23R	23-3/4"	1-5/8"	2-7/32"	1-1/2"
SIRC527R	RH	M16WKR20-23L				



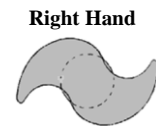
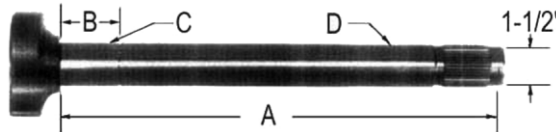
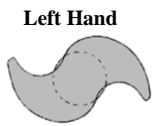
Part Number	Style	Replaces	A	B	C	D
SIRC081L	LH	2210-X-6576 E6081	24-1/8"	2-5/64"	1-5/8"	1-1/2"
SIRC082R	RH	2210-W-6575 E6082				

**28 SPLINE CAMSHAFTS CONTINUED**



Part Number	Style	Replaces	A	B	C	D
SIRC890L	LH	M16WK104-23 E6884	22-7/8"	1-5/8"	2-7/32"	1-1/2"
SIRC891R	RH	M16WK105-23 E6885				

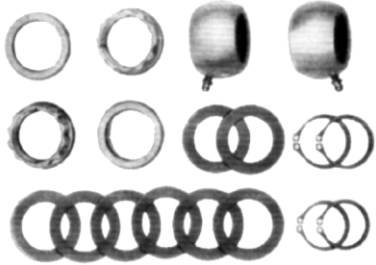






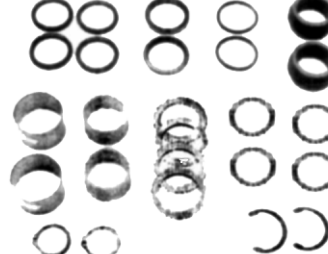
**4.6.3: 37 SPLINE CAMSHAFTS**










Part Number	Style	Replaces	A	B	C	D
FRUAPA1283-1	LH	E1563	16-1/8"	2-5/32"	1-5/8"	1-19/32"
FRUAPA1283-2	RH	E1564				
FRUAPA1283-3	LH	E2099	21-1/8"	2-5/32"	1-5/8"	1-19/32"
FRUAPA1283-4	RH	E2100				
FRUAXA0420-5	LH	E3861	23-7/8"	2-7/32"	1-5/8"	1-19/32"
FRUAXA0420-6	RH	E3862				
FRUACD2193-PK1	RH	E1584	16-1/8"	2-5/32"	1-5/8"	1-19/32"
FRUACD2193-PK2	LH	E1585				
FRUACD2193-PK5	RH	E4891	21-3/16"	2-5/32"	1-5/8"	1-19/32"
FRUACD2193-PK6	LH	E4890				

## 4.7 Cam Kits, Components & Brackets



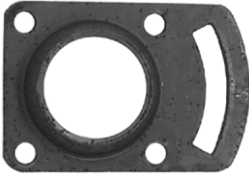



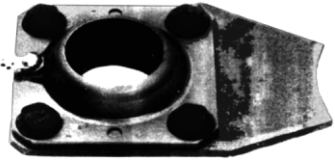
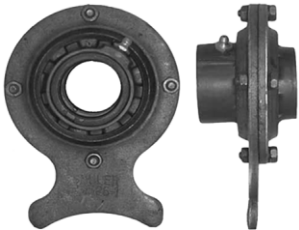
### 4.7.1: CAM KITS

 <p>For Pro-Par Axles 12-1/4" &amp; 16-1/2" Brakes</p>	
<p>1. FRUAXA0420-900 Pro-Par 1 kit per axle</p>	<p>1. DANM16KY202 Dana 1 kit per axle</p>
	
<p>1. MTRKIT8048 Rockwell Q 1-5/8" camshaft 1 kit per axle</p>	<p>1. MTRKIT8069 Rockwell Q 2 kits per axle</p>
	
<p>1. MTRKIT8078 Rockwell Q 2 kits per axle</p>	<p>1. MTRKIT8289 Rockwell Q fabricated spiders 2 kits per axle</p>
	
<p>1. MTRKIT969 Rockwell P 1-1/2" camshaft 1 kit per axle</p>	<p>1. MTRKIT970 Rockwell P 1-5/8" camshaft 1 kit per axle</p>

**4.7.2: CAMSHAFT COMPONENTS**

 <p>1. FRUACA3265-PKG White bushing 2. FRUACA3266-PKG Yellow bushing</p>	 <p>1. FRUAXA0413-900 Bushing kit 2 per kit</p>	 <p>1. FRUACD2285-900 Bushing</p>
 <p>1. FRUAXA0417-1 Bearing washer</p>	 <p>1. FRUAXA0418-1 Retainer Ring</p>	 <p>1. FRU219157 Support retainer</p>
 <p>1. FRU515147 Spider bushing</p>		

**4.7.3: CAMSHAFT BRACKETS**

 <p>1. FRUACF4021-1</p>	 <p>1. FRUACF9462-1 w/zerk fitting</p>	 <p>1. FRUACF9463-1</p>
 <p>1. FRUACF4023-1 For round axle</p>	 <p>1. FRUACF4024-1 For 16-1/2" brakes</p>	 <p>1. FRUACF4024-2 For 12-1/4" brakes</p>
 <p>1. MTRA-3299T5844</p>	 <p>1. EAT1002252 Cam support</p>	

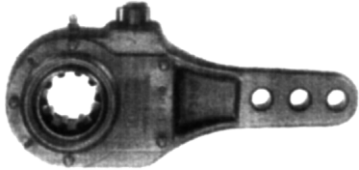
4: Axles & Components




## 4.8 Slack Adjusters & Components

### 4.8.1: MANUAL SLACK ADJUSTERS

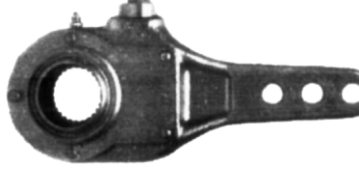
#### 4.8.1.1: 10 SPLINE—1-1/2"

Part Number	Description	Figure
BEN278323	5", 6" & 7" Holes	
FRUACF6404-903		
BEN278326	5.5" & 6.5" Holes	
FRUACF6404-906		
FRUACF6404-6	5.5" Hole	


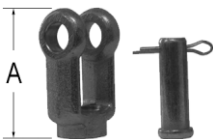



#### 4.8.1.2: 28 SPLINE—1-1/2"

Part Number	Description	Figure
BEN286965	5", 6" & 7" Holes	
FRUACF6404-902		
MIDKN44051		
BEN288753	5.5" & 6.5" Holes	
FRUACF6404-905		

#### 4.8.1.3: 37 SPLINE—1-5/8"

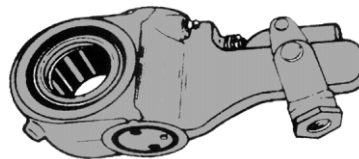
Part Number	Description	Figure
BEN283411	6" Hole	
FRUACF6404-1		
FRUACF6404-901	5", 6" & 7" Holes	
FRUACF6404-4	5-1/2" Hole	

#### 4.8.1.4: MANUAL SLACK ADJUSTER COMPONENTS

 Fabricated	 Cast	
1. MID19105      1/2" Clevis kit	1. MIDKN36470      A = 1/2" Clevis kit 2. ANC9999044      A = 1/2" Clevis kit 3. MIDKN36480      A = 5/8" Clevis kit	1. PIN2-1      1/2" Clevis & cotter pin 2. MID19102      5/8" Clevis & cotter pin
		
1. MID19100      1/2" Clevis pin 2. MID19102      5/8" Clevis pin	1. PIN1-1      .12" x 1" Cotter pin	

**4.8.2: AUTOMATIC SLACK ADJUSTERS**

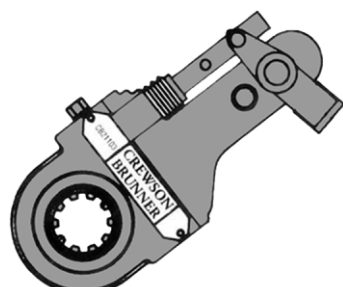
**4.8.2.1: PRO-PAR AUTOMATIC SLACK ADJUSTERS**

Part Number	Spline	Description	Figure
FRUACF6842-905	10	1-5/8", 6" Arm	
FRUACF6842-906	10	1-5/8", 5.5" Arm	
FRUACF6842-907	28	1-5/8", 6" Arm	
FRUACF6842-908	28	1-5/8", 5.5" Arm	
FRUACF8184-1	37	1-5/8", 6" Arm	
FRUACF8184-2	37	1-5/8", 5.5" Arm	

**CREWSON  
BRUNNER**

**4.8.2.2: CREWSON BRUNNER AUTOMATIC SLACK ADJUSTERS**


**CREWSON  
BRUNNER**

Part Number	Spline	Description	Figure
BRUCB21102	10	1-1/2", 5.5" & 6.5" Arm	
BRUCB21103	10	1-1/2", 5" & 6" Arm	
BRUCB24100	10	1-1/4", 5.5" Arm	
BRUCB25100	24	1-1/4", 5.5" Arm	
BRUCB22103	28	1-1/2", 5" & 6" Arm	
BRUCB22102	28	1-1/2", 5.5" & 6.5" Arm	
BRUCB23106	37	1-5/8", 6" Arm	
BRUCB23102	37	1-5/8", 5.5" & 6.5" Arm	

**GUNITE<sup>®</sup>**  
CORPORATION

**4.8.2.3: GUNITE AUTOMATIC SLACK ADJUSTER**


**GUNITE<sup>®</sup>**  
CORPORATION

Part Number	Spline	Description	Figure
FRUACF4205-810	10	1-1/2", 6" Arm	
FRUACF4205-910	10	1-1/2", 5.5" Arm	
FRUACF4205-828	28	1-1/2", 6" Arm	
FRUACF4205-928	28	1-1/2", 5.5" Arm	
FRUACF4205-837	37	1-5/8", 6" Arm	
FRUACF4205-937	37	1-5/8", 5.5" Arm	

**Bendix**

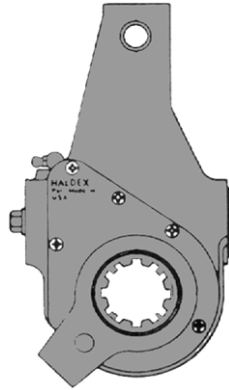
**4.8.2.4: BENDIX AUTOMATIC SLACK ADJUSTER**

**Bendix**


Part Number	Spline	Description	Figure
BEN065174	28	1-1/2", 5.5" Arm	
BEN065176	28	1-1/2", 6" Arm	
BEN065247	28	1-1/2", 5.5" Arm	

4: Axles & Components

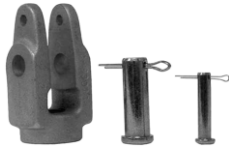



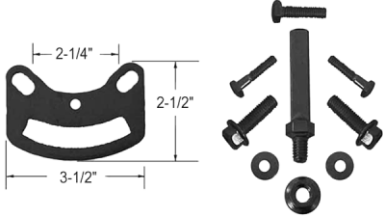
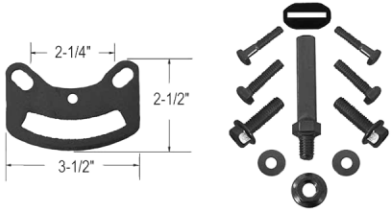



**4.8.2.5: HALDEX AUTOMATIC SLACK ADJUSTERS**

Part Number	Spline	Description	Figure
HDX400-10001	10	1-1/4", 5.5" Arm	
409-10761	10	1-1/4", 5.5" Arm	
HDX400-10002	10	1-1/4" RH offset; 5.5" Arm	
HDX400-10003	10	1-1/4" LH offset; 5.5" Arm	
409-10760	10	1-1/2", 5.5" Arm	
HDX400-10142	10	1-1/2", 5", 6" Arm	
HDX400-10143	10	1-1/2", 5.5", 6.5" Arm	
HDX400-10144	10	1-1/2", 6" Arm MACK	
HDX400-10145	10	1-1/2", 6" Arm	
HDX400-10216	10	1-1/2", 6" Arm	
HDX400-10306	10	1-1/2", 6" Arm; 12-1/4" Brakes	
HDX409-10323	10	1-1/2", 6" Arm offset	
HDX409-10324	10	1-1/2", 6" Arm offset	
HDX400-10004	24	1-1/4", 5.5" Arm	
HDX400-10141	28	1-1/4", 5.5" Arm	
HDX400-10211	28	1-1/2", 5" Arm	
HDX400-10212	28	1-1/2", 6" Arm	
HDX400-10304	28	1-1/2", 5.5" Arm	
HDX409-10759	28	1-1/2", 5.5" Arm	
HDX409-10628	28	1-1/2", 5.5" 6.5" Arm	
HDX400-10140	28	1-1/2", 6" Arm	
HDX409-10673	28	1-1/2", 6" Arm offset	
HDX409-10683	28	1-1/4", 6" Arm offset	
HDX400-10213	37	1-5/8", 5" Arm	
HDX400-10214	37	1-5/8", 6" Arm	


**4.8.2.6: MERITOR AUTOMATIC SLACK ADJUSTERS**



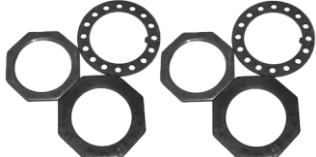
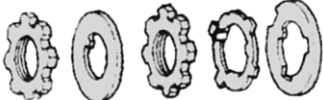









Part Number	Spline	Description	Figure
FRUACF6842-6	10	1-1/2", 5.5" Arm	
MTRR801042	10	1-1/2", 6" Arm	
FRUACF6842-3	28	1-1/2", 6" Arm	
FRUACF6842-4	28	1-1/2", 5.5" Arm	
MTRR801073	28	1-1/2", 5.5" Arm	
MTRR801074	28	1-1/2", 6" Arm	
FRUACF6842-1	37	1-5/8", 6" Arm	
FRUACF6842-2	37	1-5/8", 5.5" Arm	
MTRR801102	37	1-5/8", 6" Arm	

4.8.2.7: AUTOMATIC SLACK ADJUSTER COMPONENTS

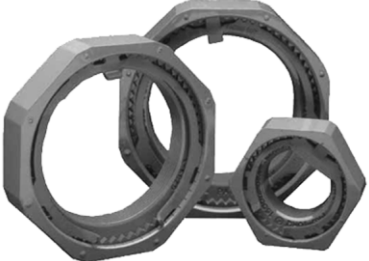
 <p>1. GUNAS-3000 Clevis kit</p>	 <p>2. GUNAS-4004 Clevis pin kit</p>	 <p>1. MTR1245N1028 1/2" Clevis 2. MTRR801713 5/8" Clevis 3. MTR1245P1030 5/8" Clevis</p>
 <p>1. PIN2-1 1/2" Clevis &amp; cotter pin 2. MID19102 5/8" Clevis &amp; cotter pin 3. MID19100 1/2" Clevis pin 4. MTRR801773 1/2" Clevis pin 5. PIN1-1 .12" x 1" Cotter pin</p>	 <p>1. HDX427-10563 Bracket kit</p>	 <p>1. HDX427-10565 Bracket kit</p>
 <p>1. HDX427-10558 Hardware</p>	 <p>1. MTRR801700 Guide pawl adjuster</p>	 <p>1. HDX445-10510 J-bracket</p>

## 4.9 Axle Nuts & Components

### 4.9.1: MANUAL AXLE NUTS




<p>HM518445/HM518410</p>  <p>1. MTRKITSTPN 1/2 axle kit</p>	<p>HM518445/HM518410</p>  <p>1. MTRKITSTPJ Kit</p>	<p>HM212049/HM218248</p>  <p>1. MTRKITSTNEW 1 axle kit</p>
<p>HM518445/518410</p>  <p>1. FRUACF1823-900 HD kit</p>	<p>3782/3720</p>  <p>1. FRU530088 HD Outer nut</p>	<p>HM218248/HM218210</p>  <p>1. EAT814009 3/8" Outer nut 2. MTR1227C549 3/8" Outer nut</p>
<p>HM518445/HM518410</p>  <p>1. FRUACE8510-1 HD Outer nut 2. MTR1229F4400 HD Outer nut</p>	<p>HM518445/HM518410</p>  <p>1. EAT814854 3/8" Outer nut 2. MTR1227B1484 3/8" Outer nut 3. MTR1227K1389 3/4" Outer nut</p>	<p>HM518445/HM518410</p>  <p>1. EAT814855 3/8" Inner nut</p>
<p>HM518445/HM518410</p>  <p>1. EAT814856 Washer 2. MTR1227D1226 Washer</p>	<p>HM518445/HM518410</p>  <p>1. FRUAXA0408-1 Washer 2. MTR1229Z3068 Washer</p>	 <p>1. FRUAXA0409-PK1 Cotter pin</p>

### 4.9.2: PRO-TORQUE AXLE NUTS






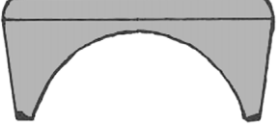
Part Number	Size	Application	Bearing Combination	Figure
STE447-4723	3.48"—12	Pro-Par Meritor TP Hendrickson HP	HM518445/HM518410	
STE447-4724	3-1/2"—12	Eaton EST230-P EST225-P	HM518445/HM518410	
STE447-4743	2-5/8"—16	Dana, Eaton Meritor RL, RQ, TK, TN, TQ Hendrickson HN	HM212049/HM212011	
STE448-4836	1-1/2"—18	Dana Eaton X-115 Meritor T-1100	3782/3720	
STE448-4837	1-1/2"—18	Meritor Navistar	3782/3720	
STE449-4973	3-1/4"—12	Dana Est-230-P Eaton -22 Meritor TR	580/572	

## 4.10 Miscellaneous Axle Components

### 4.10.1: AIR CHAMBER BRACKETS

		
1. FRUACE7260-1 2 hole air chamber bracket for 5" round axle	1. FRUACF6608-1 2 hole air chamber bracket for 5" square axle	1. FRUACF6608-2 1 hole air chamber bracket for 5" square axle

### 4.10.2: MISCELLANEOUS AXLE PARTS

		
1. FRUACF8390-1 5" Round axle bracket	1. FRUACF8392-1 5" Round axle bracket	1. FRUACD7180-1 Freezer plug
		
1. FRUACC5963-900 Pro-Par socket wrench	1. FRUAXA0512-1 5" Square spring chair	1. FRUACF8391-1 5" Round spring chair