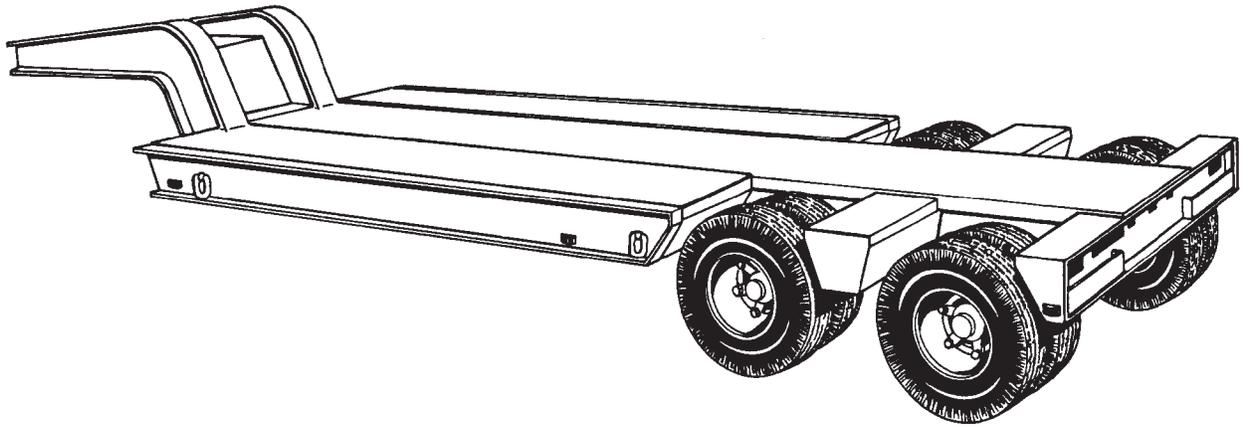




PARTS MANUAL

R-Series Fixed Gooseneck Rear Loading Trailers



ETNYRE TRAILER CO. Oregon, Illinois 61061

R-Series Trailers

Manual No. 599740-90

How To Order Parts

To assure prompt delivery when ordering parts, please furnish the following information: 1) Complete name and address of consignee. 2) Method of shipment preferred. 3) Is shipment to be prepaid or collect? 4) Serial numbers of units to which parts apply. 5) Complete part numbers and descriptions. 6) Any special instructions.

SPECIFY UNIT SERIAL NUMBER WHEN ORDERING PARTS

Warranty

Etnyre Trailer Co. warrants to the original Purchaser, its new product to be free from defects in material and workmanship for a period of six (6) months after date of delivery to original Purchaser. The obligation of the Company is limited to repairing or replacing any defective part returned to the Company and will not be responsible for consequential damages or any further loss by reason of such defect.

THE COMPANY EXCLUDES ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION OF THE GOODS CONTAINED IN THIS CONTRACT.

This warranty does not obligate the Company to bear the cost of machine transportation in connection with the replacement or repair of defective parts, nor does it guarantee repair or replacement of any parts on which unauthorized repairs or alterations have been made or for components not manufactured by the Company except to the extent of the warranty given by the original Manufacturer.

This warranty does not apply to:

- (1) Normal start-up services, normal maintenance services or adjustments usually performed by the selling dealer, factory service representative or customer personnel.
- (2) Any product manufactured by Etnyre Trailer Co. purchased for or subjected to rental use.
- (3) Any product or part thereof which shows improper operation, improper maintenance, abuse, neglect, damage or modification after shipment from factory.
- (4) Any product or part thereof damaged or lost in shipment. Inspection for damage should be made before acceptance or signing any delivery documents releasing responsibility of the delivering carrier.

This warranty and foregoing obligations are in lieu of all other obligations and liabilities including negligence and all warranties of merchantability or otherwise, express or implied in fact or by law.



ETNYRE TRAILER CO.

1333 South Daysville Road Oregon, Illinois 61061 Phone 815/732-2116

Fax 815-732-7400, Telex: RCA 249-415, Cable "EDECO"

⚠ WARNING

Unsafe operation of equipment may cause injury. Read, understand and follow the manuals when operating or performing maintenance.

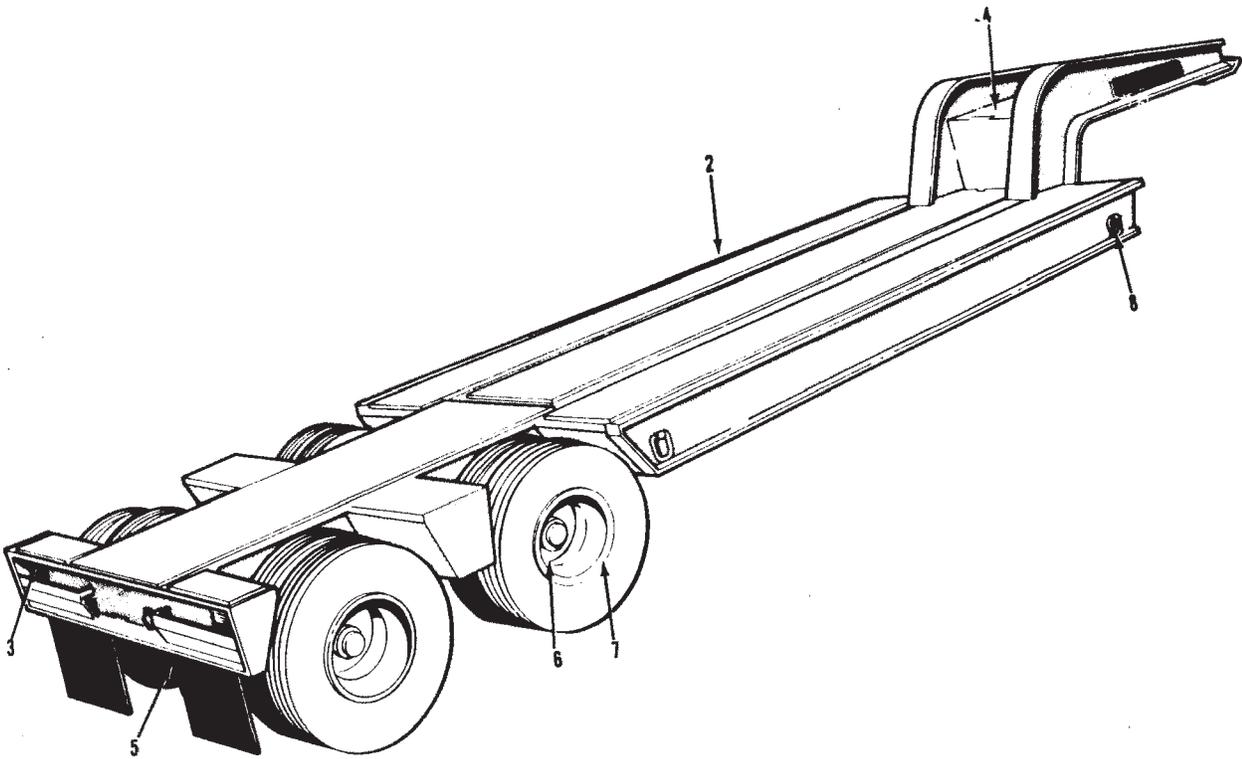
REPORTING SAFETY DEFECTS

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Etnyre Trailer Co.

If NHTSA receives similar complaints, it may open an investigation, and, if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer or Etnyre Trailer Co.

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 366-0123 in Washington, D.C. area) or write to: NHTSA, U.S. Department of Transportation, Washington, D.C. 20696. You can also obtain other information about motor vehicle safety from the hotline.

INDEX-MASTER

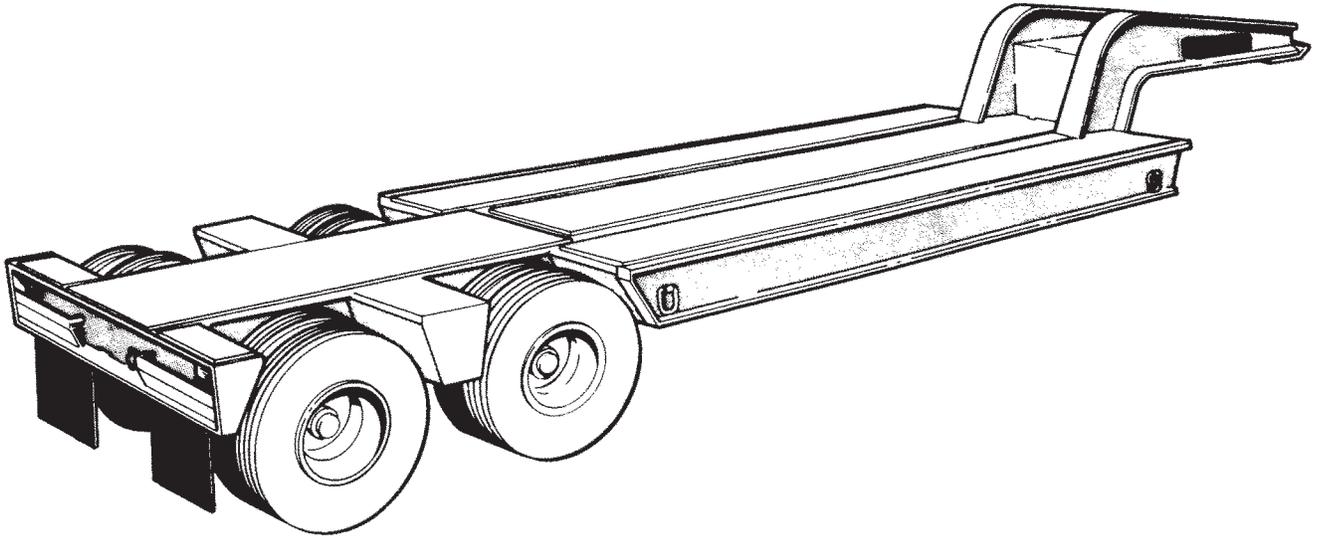


How To Order Parts	1
Warranty	1
1 Introduction	4
2 Trailer - General	7
3 Electrical	9
4 Air Supply - Brake	12
5 Undercarriage/Axles	19
6 Brake - Actuator	33
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9 Index - Numerical	63



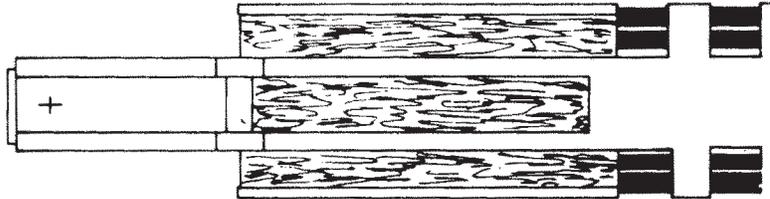
Introduction

R SERIES



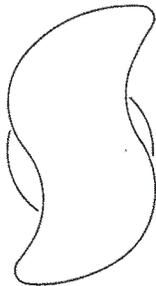
Parts referred to in this book as right or left hand parts are in accordance with the sketch below of the top of an "R" series trailer.

R H SIDE



L H SIDE

Camshafts right or left hand is determined by the camshaft profile indicated below. (Illustrated at "Cam Head" End)



LEFT HAND



RIGHT HAND

How To Use The Illustrated Parts Manual

This Parts Book describes and illustrates assemblies, sub-assemblies and detail parts needed for service replacement.

1 MASTER INDEX

1A01
1A02
1A07
1B07
1C07
1D07

INTRODUCTION
TRAILER MISCELLANEOUS
ELECTRICAL
AIR LINE
UNDERCARRIAGE & AXLE
BRAKE
WHEEL
MISCELLANEOUS PARTS

2 R20TL AXLE ASSEMBLY
R20TD R25TL & R25TD MODELS
Through SER No 17794

3

4

ITEM NO	PART NO	DESCRIPTION	QTY PER ASSEMBLY		
			A	B	C
1	See Note At Right	1	1	1	1
2	400892	As - With Flange Nut & Washer	1	1	1
3	400893	As - With Flange Nut & Washer	1	1	1
4	400894	As - With Flange Nut & Washer	1	1	1
5	30154	Washer Nut	1	1	1
6	40089	Washer Nut	1	1	1
7	400892	Bearing Outer Race	1	1	1
8	400893	Bearing Outer Race	1	1	1
9	400894	Bearing Outer Race	1	1	1
	40089	Grease Adapter	1	1	1
	40089	Oil Seal	1	1	1
	40089	As - 102	1	1	1

When The Part Number Is Not Known

- 1.** USE: Determine the function and application of the part required. Go to the master index page and select the most appropriate section. Use the section index to determine the assembly which would normally contain the part required. Proceed then to locate the part on the assembly breakdown page.

GENERAL: The assembly breakdowns include part numbers, description, quantities required, keys and footnotes to help us

GENERAL: The assembly breakdowns include part numbers, description, quantities required, keys and footnotes to help in selecting the correct parts.

- ②. Keys are used to show effective serial numbers, two or more similar assemblies. Select the appropriate key, "A", "B", "C", "D" and find the required part in the corresponding column.
- ③. Indented numbers are used to indicate assemblies and sub-parts of assemblies. Number 1 is the major assembly. Part descriptions which are indented under 2, 3, or 4 are sub-parts of that major assembly shown above.
- ④. Quantities shown are for one assembly as illustrated unless otherwise specified.

DEALERS NOTE: When supplements are issued to update the manuals, the index page with the latest revision date is included with the supplement. Be sure the index pages are added to the manuals in your possession.

ORDERING PARTS:

When ordering replacement parts, give the trailer serial number, model, part number, name of part, and quantity required.



**ETNYRE
TRAILER CO.**

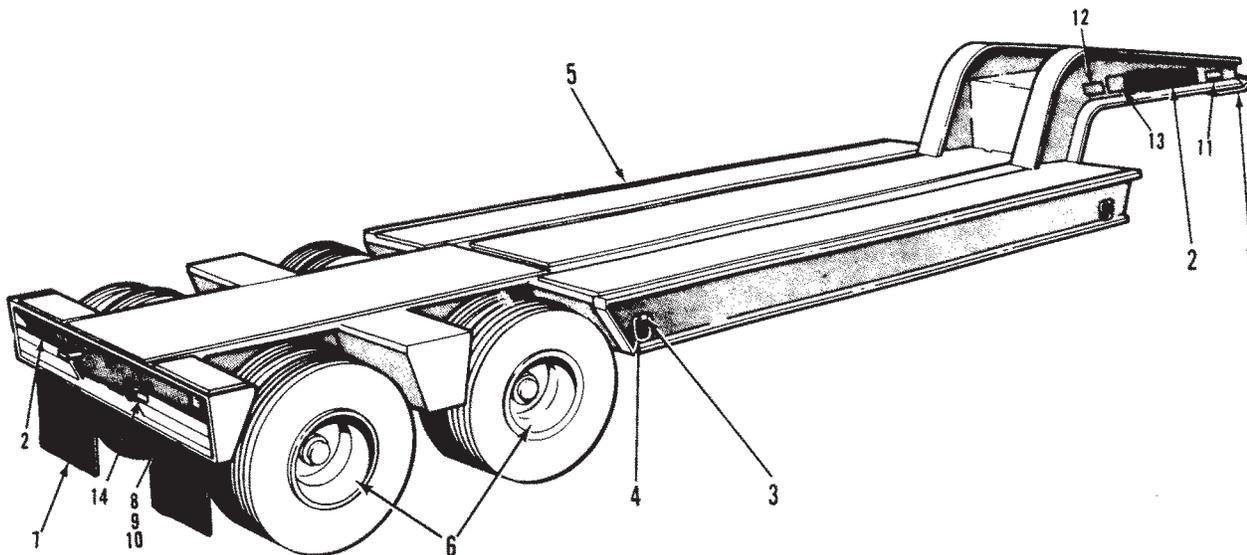
Oregon, Ill. 61061-9705

Trailer - General

ALL UNITS.....1A05

2

TRAILER-GENERAL



REF NO	PART NO	NAME OF PART	QTY
		1 2 3 4	
1	400449	KINGPIN 15 THRU 40 TON	1
1	401167	KINGPIN 50 THRU 60 TON	1
1	426670	KINGPIN 75 TON & UP	1
1	# 400145	KINGPIN-REMOVE	1
1	# 400270	TUBE-KINGPIN	1
2	400115	NAMEPLATE-SMALL	AR
2	395325	NAMEPLATE-LARGE	AR
3	400201	CLIP-LASH RING	AR
4	400200	RING-LASH	AR
5	.....	DECKING	AR
5	400250	BOLT	AR
5	220027	BOLT	AR
5	401080	BOLT	AR
5	219732	NUT	AR
5	128056	NUT	AR
5	15155	LOCKWASHER	AR
5	15156	LOCKWASHER	AR
5	401082	CLIP	AR

REF NO	PART NO	NAME OF PART	QTY
		1 2 3 4	
5	400249	CLIP	AR
5	422010	SCREW	AR
6	*	WHEELS	AR
7	446216	GUARD-SPLASH	2
8	401293	PLATE-RETAINER	2
9	16828	CAPSCREW	8
10	15056	NUT	8
11	452415	DECAL-WARNING	1
12	452390	DECAL-TROMK/PAT	1
13	+	PLATE-S/N	1
13	445616	PLATE-COVER	1
14	400152	PLATE-BLC INSTN	2

* REFER TO SNIT LIST AND WHEEL PARTS LIST FICHE

+ FOR SERVICE REPLACEMENT CONTACT SERVICE DEPARTMENT

REMOVABLE KING PIN TRAILERS

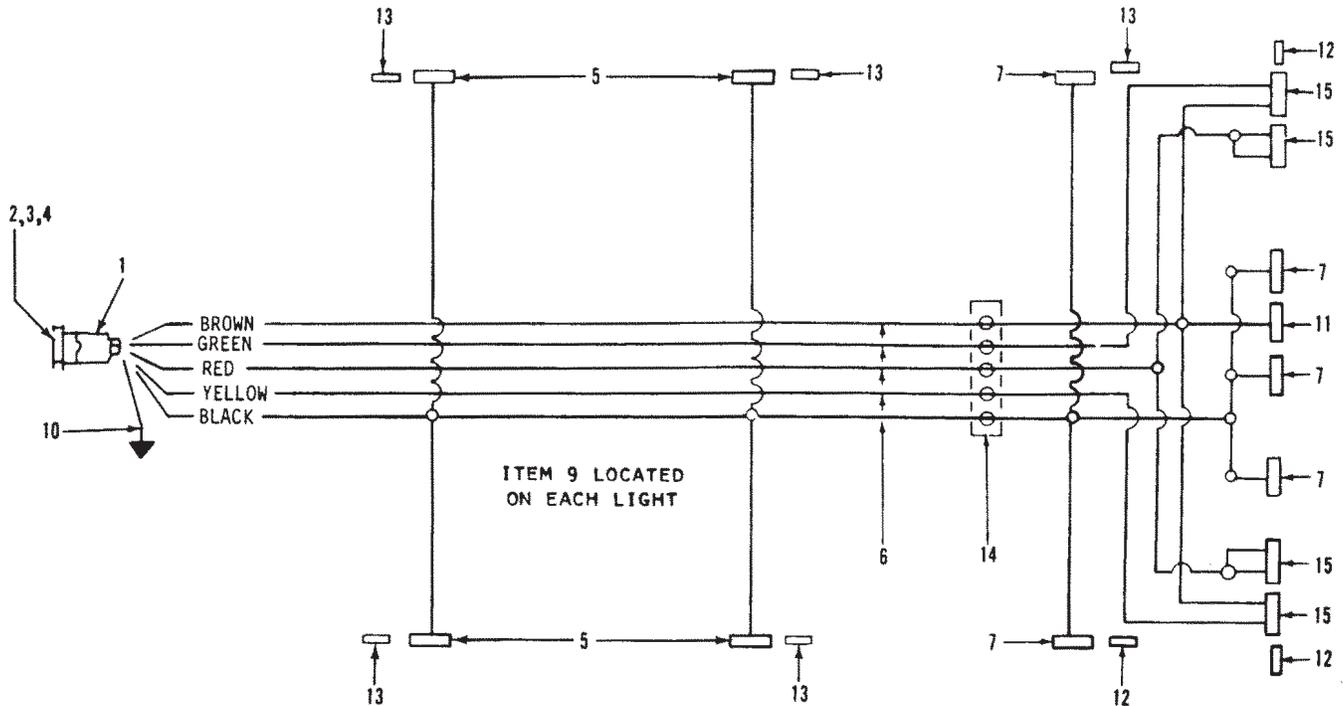
Electrical

THRU S/N 17374.....1B03
AFTER S/N 17374.....1B04

3 

ELECTRICAL

THRU S/N 17374

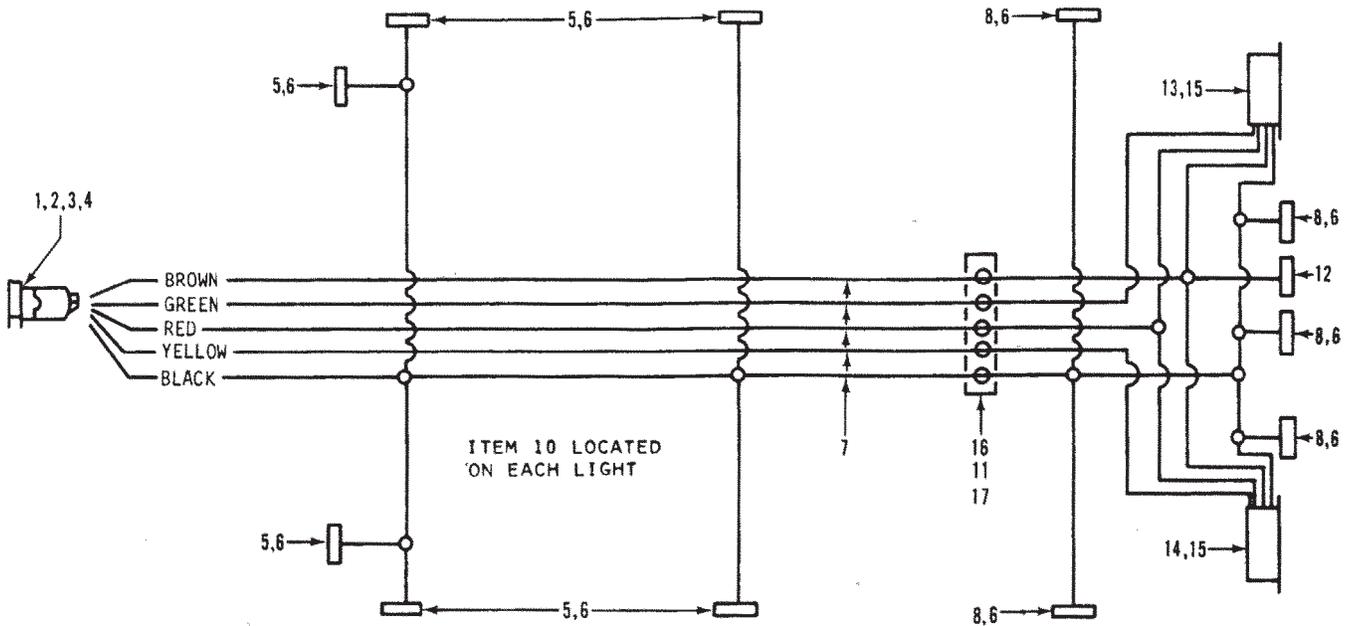


REF NO	PART NO	NAME OF PART	QTY
1	400280	PLUG	1
1	402185	SOCKET/COVER	1
2	445080	COVER	1
3	18460	CAPSCREW	2
3	15054	NUT	2
4	18425	LOCKWASHER	1
5	400218	LIGHT-AMBER	4
5	422758	LENS-AMBER	4
6	400212	WIRE	AR
7	400219	LIGHT-RED	5

REF NO	PART NO	NAME OF PART	QTY
7	422757	LENS-RED	5
9	15931	LOCKWASHER	14
10	401044	WIRE	AR
11	437945	LIGHT	1
12	400217	REFLECTOR-RED	4
13	400216	REFLECTOR-AMBER	4
14	75748	BLOCK-TERMINAL	1
15	400228	LIGHT-STOP/REAR	4
15	422759	LENS-RED	4

ELECTRICAL

AFTER S/N 17374



REF NO	PART NO	NAME OF PART	QTY
1	400280	PLUG	1
1	402185	SOCKET/COVER	1
1	445080	COVER	1
2	18465	CAPSCREW	2
3	15054	NUT	2
4	15154	LOCKWASHER	2
5	432325	LIGHT-AMBER	6
5	433283	LENS-AMBER	6
6	437755	GUARD	11
7	400212	WIRE	AR

REF NO	PART NO	NAME OF PART	QTY
8	432326	LIGHT-RED	5
8	433284	LENS-RED	5
10	15931	LOCKWASHER	23
11	220505	SCREW	2
12	437945	LIGHT	1
13	432209	LIGHT-RH	1
14	432210	LIGHT-LH	1
15	441221	LENS	2
16	75748	BLOCK-TERMINAL	1
17	15002	NUT	9

Air Supply - Brake

R15SL R15SD

THRU S/N 11519.....1C03
AFTER S/N 11519.....1C04

R20TL R20TD R25TL R25TD
R35TL R35TD R40TL R40TD

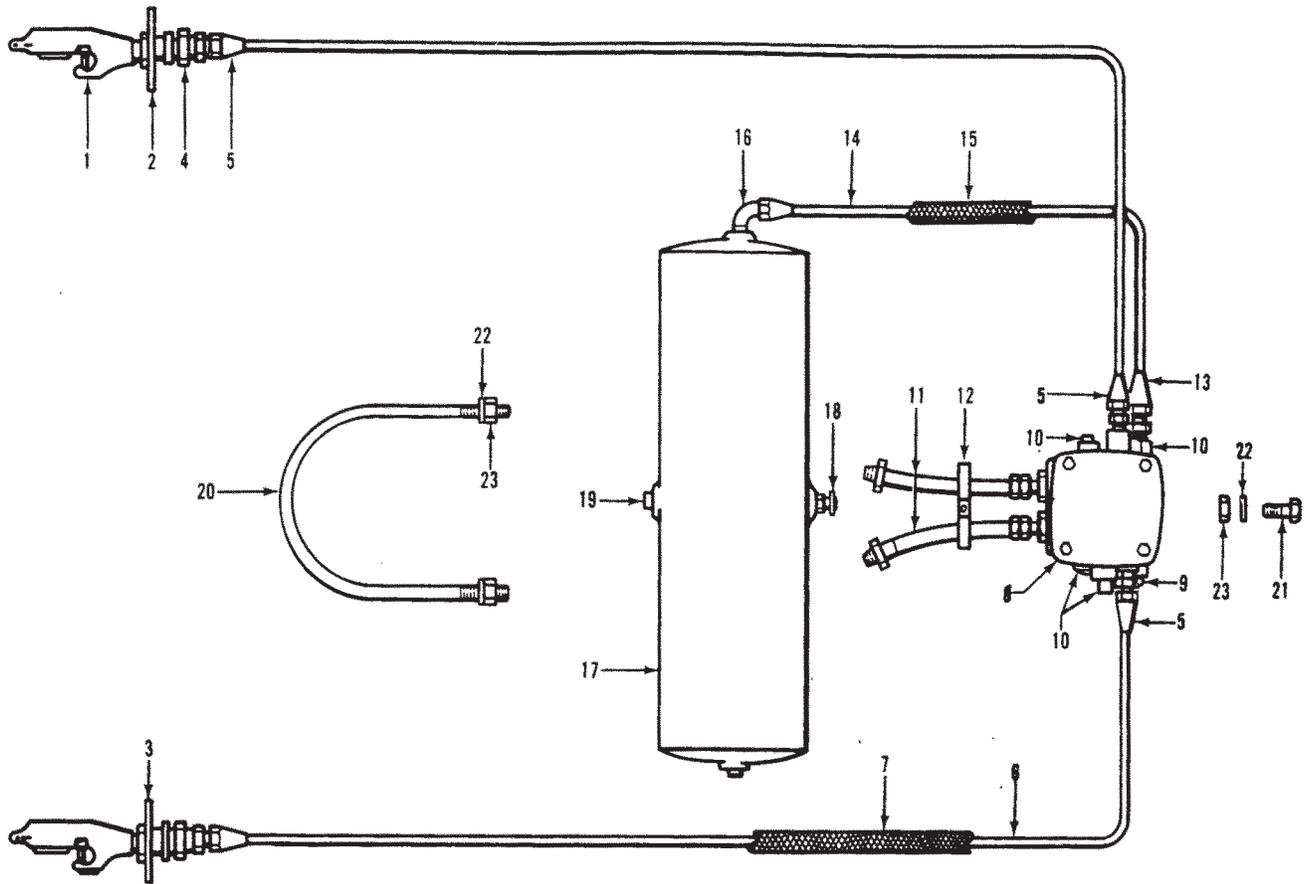
THRU S/N 16099.....1C05
AFTER S/N 16099.....1C06

R35TL3 R35TD3 R40TL3 R40TD3
R50TL3 R50TD3 R60TL3 R60TD3

THRU S/N 16099.....1C07
AFTER S/N 16099.....1C08

LINE-AIR BRAKE

R15SL R15SD
THRU S/N 11519



REF NO	PART NO	NAME OF PART	QTY
1	400275	COUPLER	2
2	400276	TAG SERVICE	1
3	400277	TAG EMERGENCY	1
4	400278	STUD-CLAMPING	2
5	400069	CONNECTOR	4
6	*	TUBING	AR
7	*	COVER-TUBE	AR
8	431302	KIT-VALVE	1
8	428800	VALVE-RELAY	1
8	444342	FITTING	2
8	400086	ELBOW	1
9	15303	FITTING	1
10	15307	FITTING	6
11	400055	HOSE-27 1/2 IN	2

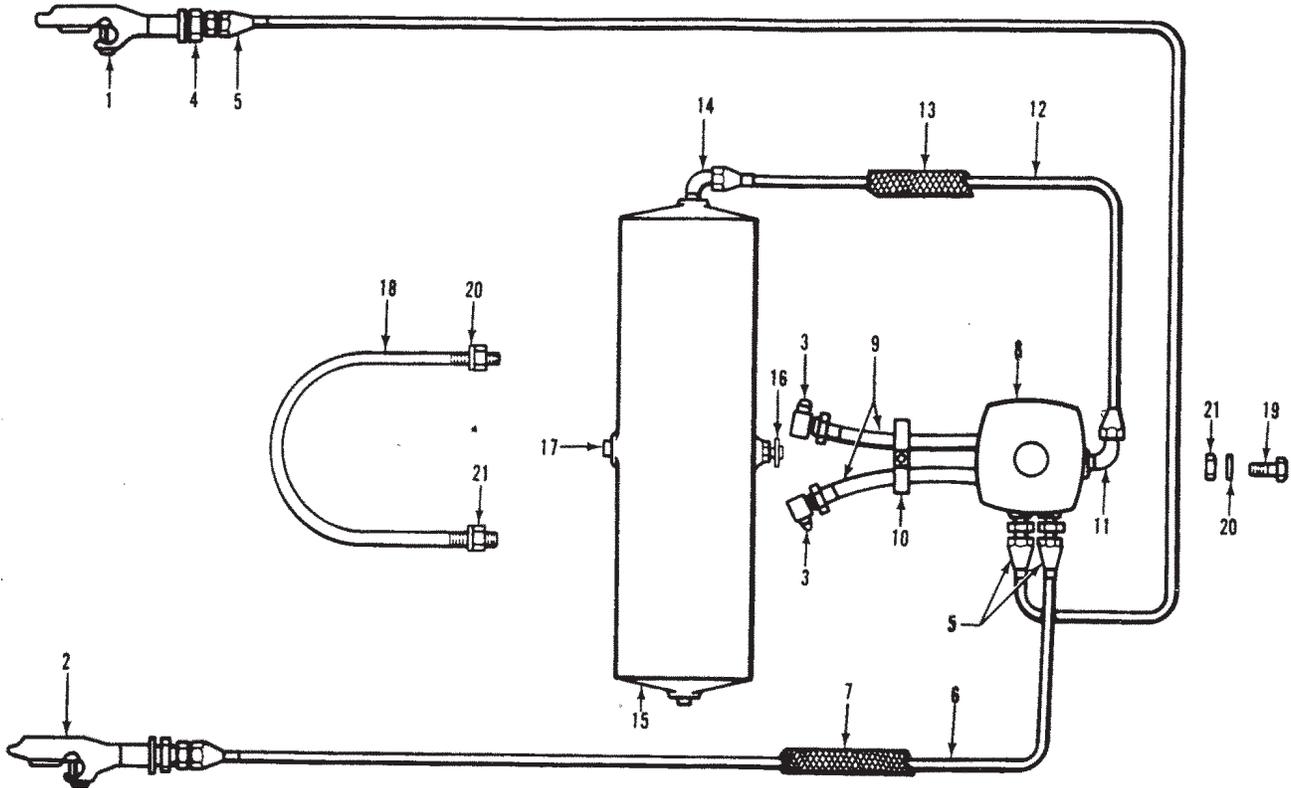
REF NO	PART NO	NAME OF PART	QTY
12	400241	CLAMP-HOSE	1
13	400073	CONNECTOR	1
14	*	TUBING	AR
15	*	COVER-TUBE	AR
16	400086	ELBOW	1
17	400492	RESERVOIR-AIR	1
18	400053	VALVE-DRAIN	1
19	15302	FITTING	2
20	400493	BRACKET	2
21	16828	CAPSCREW	3
22	15156	LOCKWASHER	7
23	15056	NUT	7

*LOCAL PURCHASE ITEM

4

LINE-AIR BRAKE

R15SL R15SD
AFTER S/N 11519



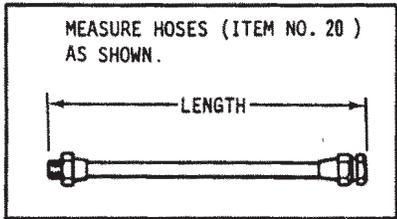
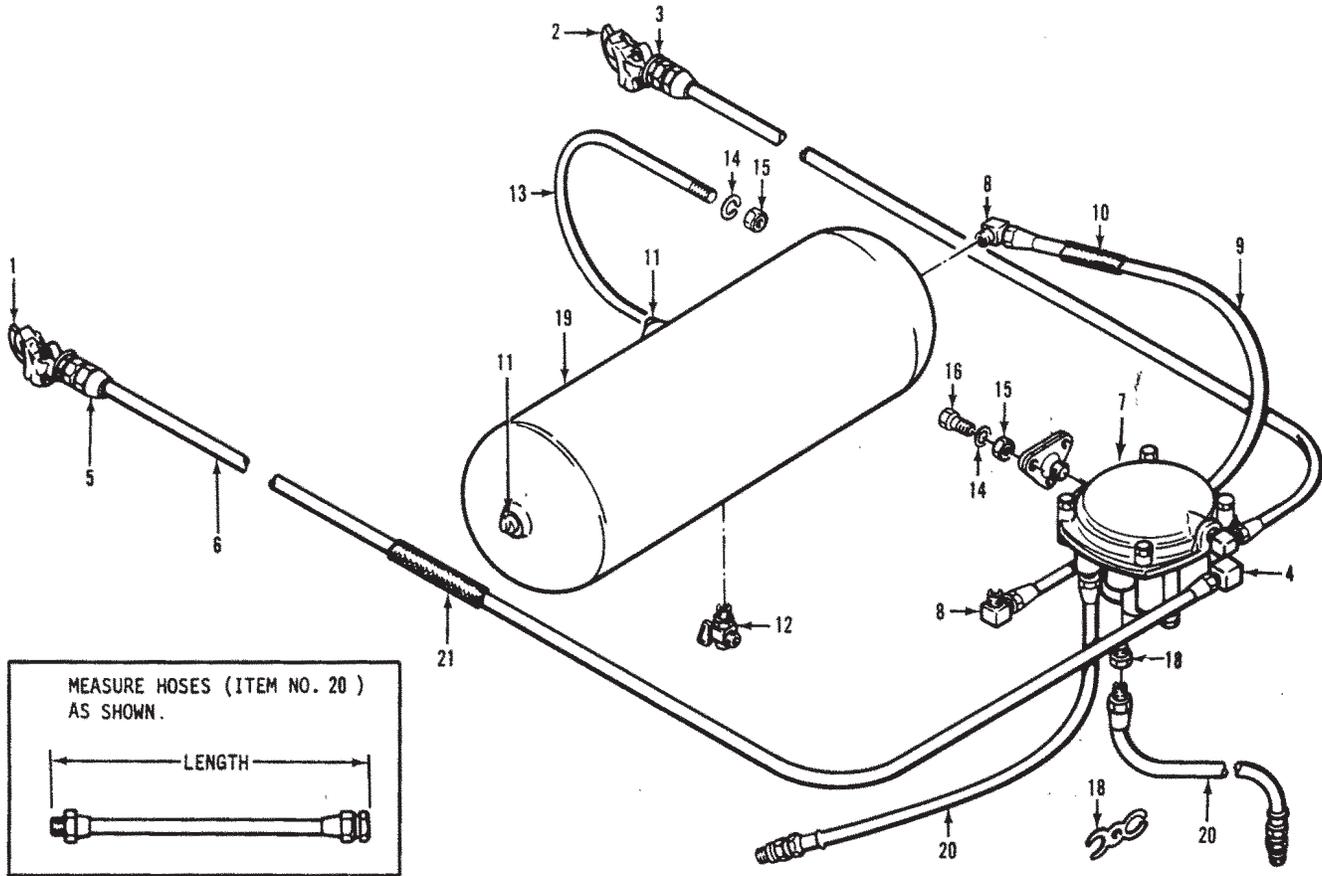
REF NO	PART NO	NAME OF PART	QTY
1	400275	COUPLER EMERGENCY SERVICE	1
2	402717	COUPLER EMERGENCY SERVICE	1
3	402138	ELBOW	2
4	400278	STUD-CLAMPING	2
5	444341	CONNECTOR	4
6	*	TUBING	AR
7	*	COVER-TUBE	AR
8	431302	KIT-VALVE	1
8	428800	VALVE-RELAY	1
8	444342	FITTING	2
8	400086	ELBOW	1
9	400054	HOSE-38 IN	2
10	400241	CLAMP-HOSE	1

REF NO	PART NO	NAME OF PART	QTY
11	402701	FITTING	1
12	*	TUBING	AR
13	*	COVER-TUBE	AR
14	400086	ELBOW	1
15	400492	RESERVOIR-AIR	1
16	400053	VALVE-DRAIN	1
17	15302	FITTING	2
18	400493	BRACKET	2
19	16828	CAPSCREW	3
20	15156	LOCKWASHER	7
21	15056	NUT	7

* LOCAL PURCHASE ITEM

LINE-AIR BRAKE

R20TL R20TD R25TL R25TD R35TL R35TD R40TL R40TD
THRU S/N 16099



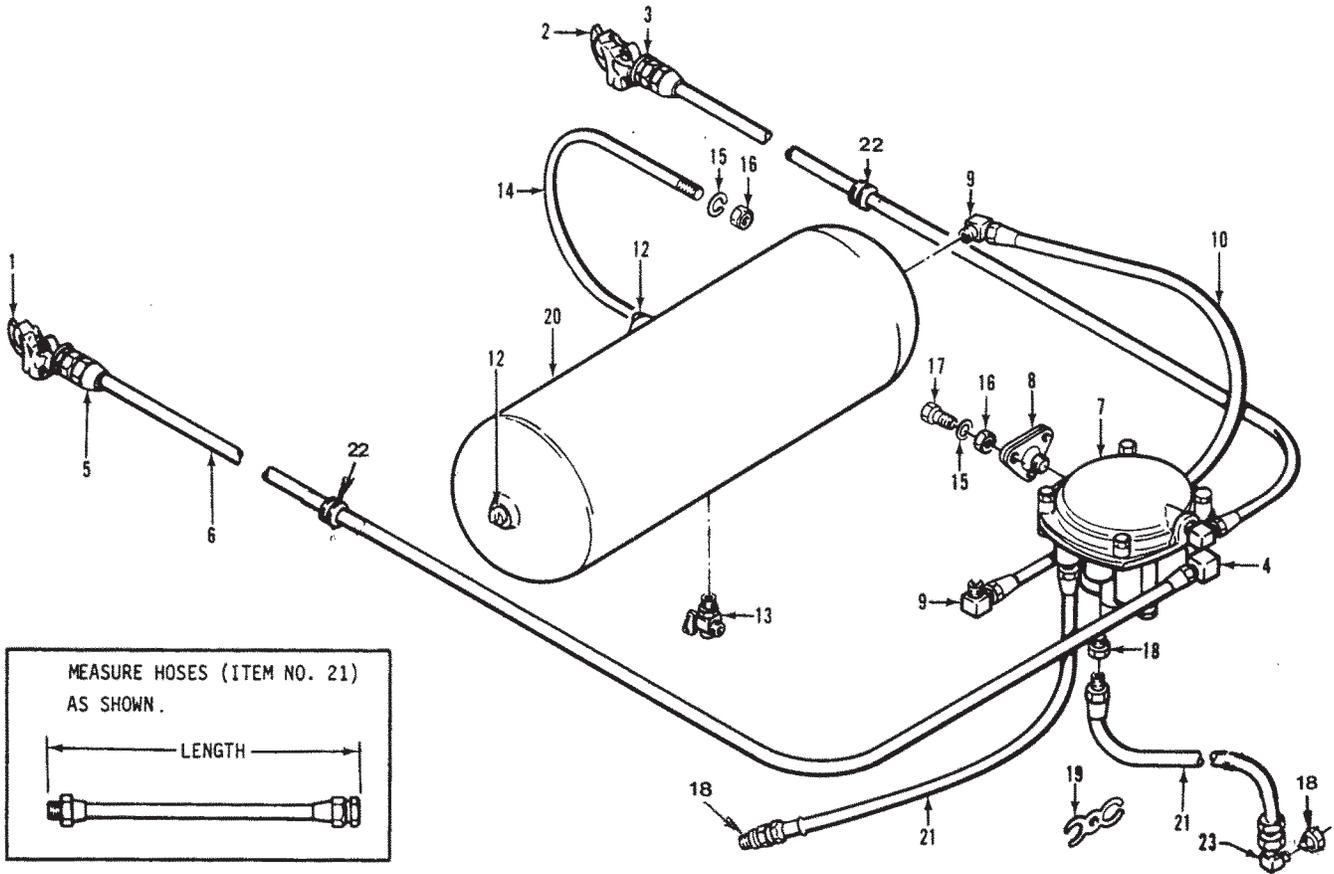
REF NO	PART NO	NAME OF PART	QTY
1	402717	COUPLER EMERGENCY	1
2	400275	COUPLER SERVICE	1
3	400278	STUD-CLAMPING	2
4	444342	FITTING	2
5	444341	CONNECTOR	2
6	#	TUBING	AR
7	* 431302	KIT-VALVE	1
7	+ 428800	VALVE-RELAY	1
7	+ 428801	BRACKET-MOUNT	1
7	444342	FITTING	2
7	400086	ELBOW	1
8	400086	ELBOW	2
8	@ 402701	FITTING	1
9	#	TUBING	AR
10	#	COVER-TUBE	AR
11	15302	FITTING	2
12	400053	VALVE-DRAIN	1

REF NO	PART NO	NAME OF PART	QTY
13	400493	BRACKET	2
14	15156	LOCKWASHER	7
15	15056	NUT	7
16	16828	CAPSCREW	3
17	63108	FITTING	2
18	400241	CLAMP-HOSE	1
19	400492	RESERVOIR-AIR	1
20	.....	HOSE-SEE INSET	AR
20	400055	HOSE-27 1/2 IN	AR
20	400054	HOSE-38 IN	AR
20	402412	HOSE-49 1/2 IN	AR
21	#	COVER-TUBE	AR

* LAST USED S/N 14999
LOCAL PURCHASE ITEM
+ FIRST USED ON S/N 15000
@ USE BELOW S/N 15000

LINE-AIR BRAKE

R20TL R20TD R25TL R25TD R35TL R35TD R40TL R40TD
AFTER S/N 16099



REF NO	PART NO	NAME OF PART	QTY
1	* 402717	COUPLER	1
2	+ 400275	COUPLER	1
3	400278	STUD-CLAMPING	2
4	444342	FITTING	2
5	444341	CONNECTOR	2
6	427723	TUBING-FLEXIBLE	AR
7	428800	VALVE-RELAY	1
8	428801	BRACKET-MOUNT	1
9	444344	FITTING	2
10	431000	TUBING-FLEXIBLE	AR
12	15302	FITTING	2
13	400053	VALVE-DRAIN	1
14	400493	BRACKET	2
15	15156	LOCKWASHER	7

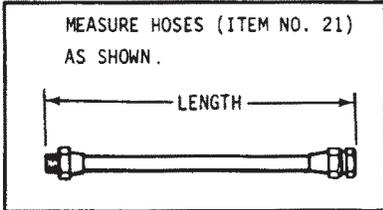
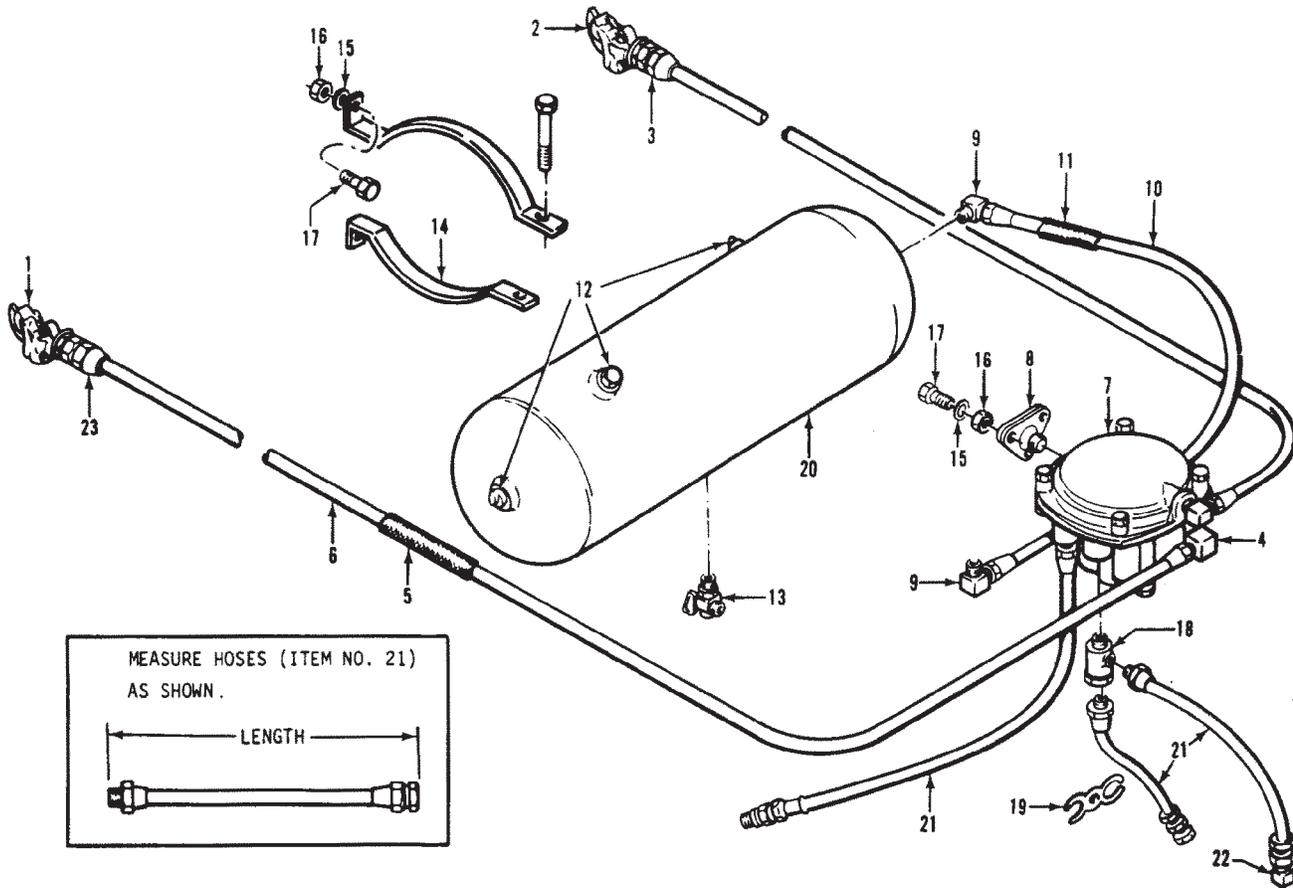
REF NO	PART NO	NAME OF PART	QTY
16	15056	NUT	7
17	16828	CAPSCREW	3
18	63108	FITTING	6
19	400241	CLAMP-HOSE	1
20	400492	RESERVOIR-AIR	1
21	.....	HOSE-SEE INSET	AR
21	400055	HOSE-27 1/2 IN	AR
21	400054	HOSE-38 IN	AR
21	402412	HOSE-49 1/2 IN	AR
22	400153	GROMMET	AR
23	402138	ELBOW	AR

* EMERGENCY
+ SERVICE

LINE-AIR BRAKE

R35TL3 R35TD3 R40TL3 R40TD3 R50TL3 R50TD3 R60TL3 R60TD3

THRU S/N 16099



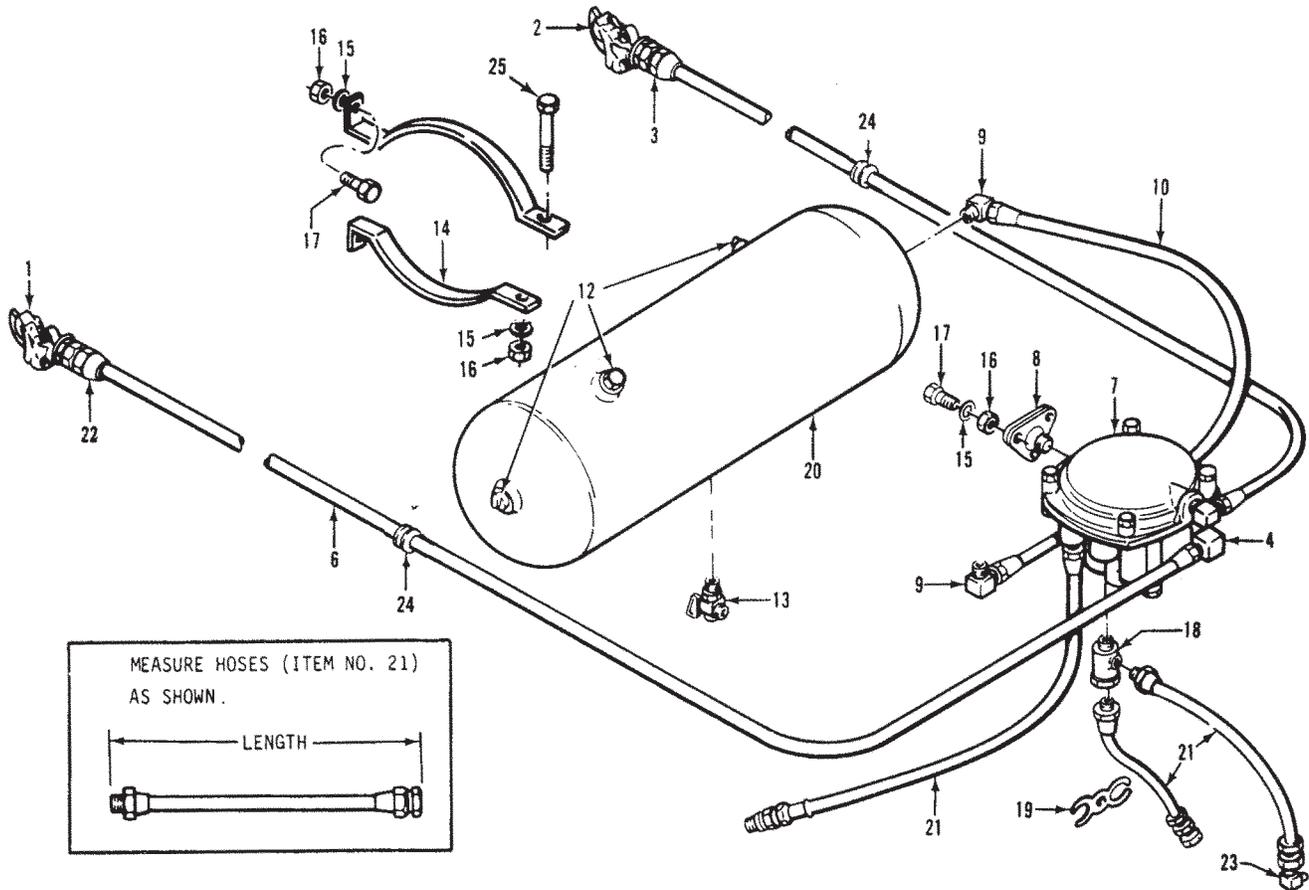
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1	402717	COUPLER EMERGENCY	1
2	400275	COUPLER SERVICE	1
3	400278	STUD-CLAMPING	2
4	444342	FITTING	2
5	*	COVER-TUBE	AR
6	*	TUBING	AR
7	* 431302	KIT-VALVE	1
7	+ 428800	VALVE-RELAY	1
7	+ 428801	BRACKET-MOUNT	1
7	444342	FITTING	2
7	400086	ELBOW	1
8	400086	ELBOW	2
8	@ 402701	FITTING	1
9	*	TUBING	AR
10	*	COVER-TUBE	AR
11	15302	FITTING	3
12	400053	VALVE-DRAIN	1
13	400245	BRACKET	2
14	15156	LOCKWASHER	7

REF NO	PART NO	NAME OF PART	QTY
15	15056	NUT	7
16	16828	CAPSCREW	7
17	402483	FITTING	2
18	400241	CLAMP-HOSE	1
19	400244	RESERVOIR-AIR	1
20	.....	HOSE-SEE INSET	AR
20	400055	HOSE-27 1/2 IN	AR
20	400054	HOSE-38 IN	AR
20	400293	HOSE-80 IN	AR
20	400240	HOSE-90 IN	AR
21	& 402138	ELBOW	AR
22	444341	CONNECTOR	2

* LOCAL PURCHASE ITEM
LAST USED ON S/N 14999
+ FIRST USED ON S/N 15000
& NOT USED ON ALL UNITS
@ USE BELOW S/N 15000

LINE-AIR BRAKE

R35TL3 R35TD3 R40TL3 R40TD3 R50TL3 R50TD3 R60TL3 R60TD3
AFTER S/N 16099



REF NO	PART NO	NAME OF PART	QTY
1	* 402717	COUPLER	1
2	# 400275	COUPLER	1
3	400278	STUD-CLAMPING	2
4	444342	FITTING	2
6	427723	TUBING-FLEXIBLE	AR
7	428800	VALVE-RELAY	1
8	428801	BRACKET-MOUNT	1
9	444344	FITTING	2
10	431000	TUBING-FLEXIBLE	AR
12	15302	FITTING	2
13	400053	VALVE-DRAIN	1
14	400245	BRACKET	2
15	15156	LOCKWASHER	9
16	15056	NUT	9
17	16828	CAPSCREW	7
18	402483	FITTING	2

REF NO	PART NO	NAME OF PART	QTY
19	400241	CLAMP-HOSE	1
20	400244	RESERVOIR-AIR	1
21	.....	HOSE-SEE INSET	AR
21	400055	HOSE-27 1/2 IN	AR
21	400054	HOSE-38 IN	AR
21	400293	HOSE-80 IN	AR
21	400240	HOSE-90 IN	AR
22	444341	CONNECTOR	AR
23	+ 402138	ELBOW	2
24	400153	GROMMET	AR
25	457761	CAPSCREW	2

+ NOT USED ON ALL UNITS

* EMERGENCY

SERVICE

Undercarriage/Axles

UNDERCARRIAGE

TANDEM AXLES

R20TL R20TD R25TL R25TD R35TL R35TD
S/N 10000 THRU 10780.....1D03
S/N 10781 THRU 16150.....1D04
AFTER S/N 16150.....1D05

R40TL R40TD
S/N 10000 THRU 22722.....1D06
AFTER S/N 22722.....1D07

TRIDEM AXLES

R35TL3 R35TD3 R40TL3 R40TD3
R50TL3 R50TD3
THRU S/N 10791.....1D08
S/N 10792 THRU 16150.....1D09
AFTER S/N 16150.....1D10
R60TL3 R60TD3
S/N 10324 THRU 13740.....1D11
AFTER S/N 13740.....1D12

AXLE

R20TL R20TD R25TL R25TD
THRU S/N 17794.....1D13
S/N 17795 THRU 24060.....1D14

R15SL R15SD R35TL R35TD R35TL3 R35TD3
R40TL3 R40TD3 R50TL3 R50TD3 THRU S/N 24060....1D14

R40TL R40TD R60TL3 R60TD3
THRU S/N 18000.....1E01
AFTER S/N 18000.....1E02
ALL R SERIES AFTER S/N 24060.....1E03

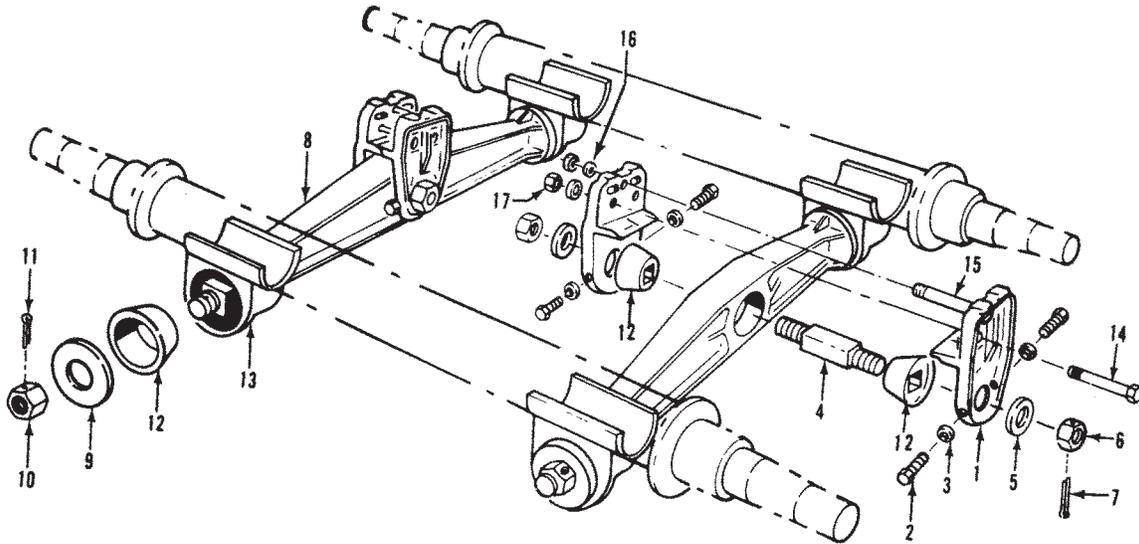
5

UNDERCARRIAGE

TANDEM AXLE

R20TL R20TD R25TL R25TD R35TL R35TD

10000 THRU S/N 10780



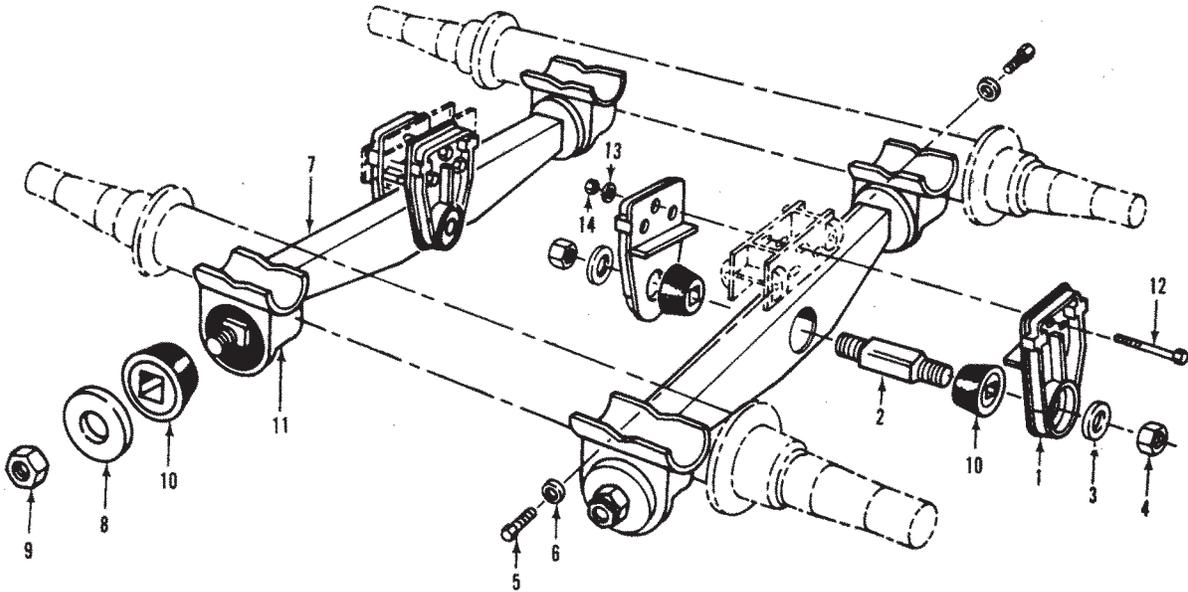
REF NO	PART NO	NAME OF PART	QTY	REF NO	PART NO	NAME OF PART	QTY
1	400326	BRACKET	4	10	15074	NUT	4
2	400012	SCREW	8	11	15266	PIN-COTTER	4
3	15019	NUT-JAM	8	12	400329	BUSHING-RUBBER	12
4	400325	SHAFT	2	13	400358	RETAINER	4
5	400328	WASHER	4	13	400320	RETAINER	4
6	15073	NUT	4	14	18637	CAPSCREW	4
7	15267	PIN-COTTER	4	15	18248	CAPSCREW	2
8	446329	BEAM	2	16	15162	LOCKWASHER	6
9	400324	PLATE-RETAINER	4	17	15012	NUT	6

UNDERCARRIAGE

TANDEM AXLE

R20TL R20TD R25TL R25TD R35TL R35TD

S/N 10781 THRU 16150



REF NO	PART NO	NAME OF PART	QTY
1	401439	BRACKET	4
2	400325	SHAFT	2
3	401445	WASHER	4
4	15073	NUT	4
5	400012	SCREW	8
6	15019	NUT-JAM	8
7	401440	BEAM-WALKING PLATE-RETAINER	2
8	400324		4

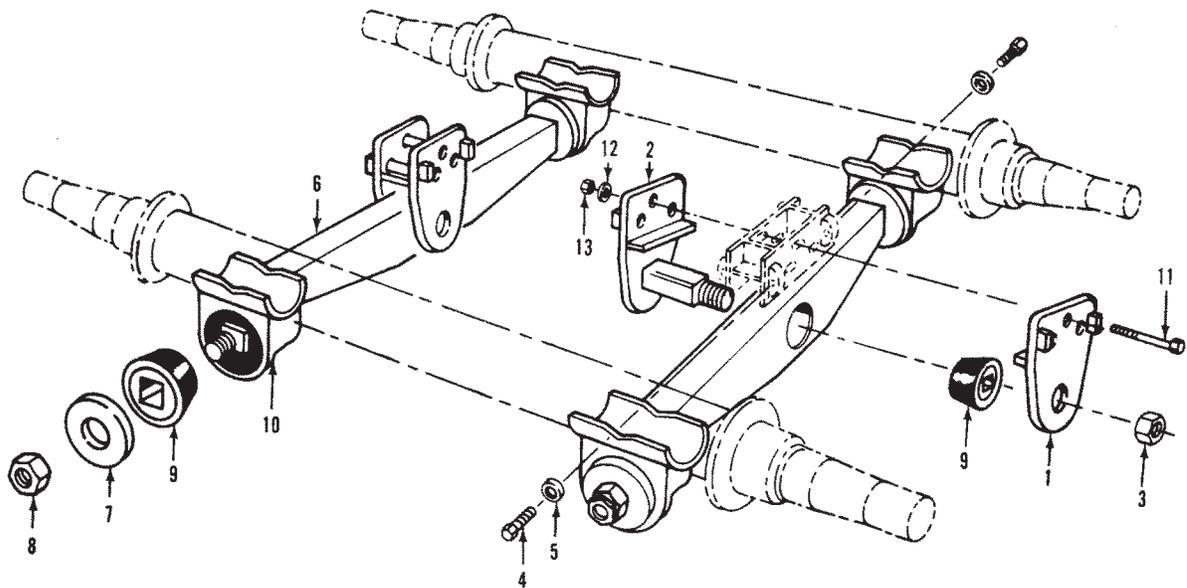
REF NO	PART NO	NAME OF PART	QTY
9	15074	NUT	4
10	400329	BUSHING-RUBBER	12
11	400320	RETAINER	4
11	400358	RETAINER	4
12	16089	CAPSCREW	6
13	15162	LOCKWASHER	6
14	15012	NUT	6

UNDERCARRIAGE

TANDEM AXLE

R20TL R20TD R25TL R25TD R35TL R35TD

AFTER S/N 16150

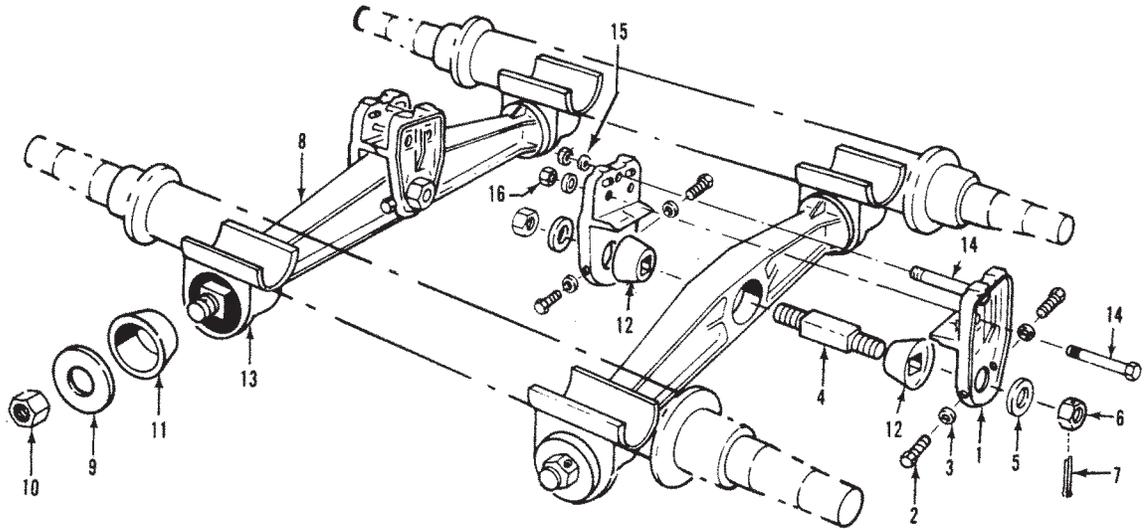


REF NO	PART NO	NAME OF PART	QTY
1	429214	BRACKET	2
2	429216	BRACKET	2
3	15073	NUT	2
4	400012	SCREW	8
5	15019	NUT-JAM	8
6	401440	BEAM-WALKING	2
7	400324	PLATE-RETAINER	4

REF NO	PART NO	NAME OF PART	QTY
8	15704	NUT	4
9	400329	BUSHING-RUBBER	12
10	400320	RETAINER	4
10	400358	RETAINER	4
11	16055	CAPSCREW	6
12	15162	LOCKWASHER	6
13	15012	NUT	6

UNDERCARRIAGE

TANDEM AXLE
R40TL R40TD
10000 THRU 22722

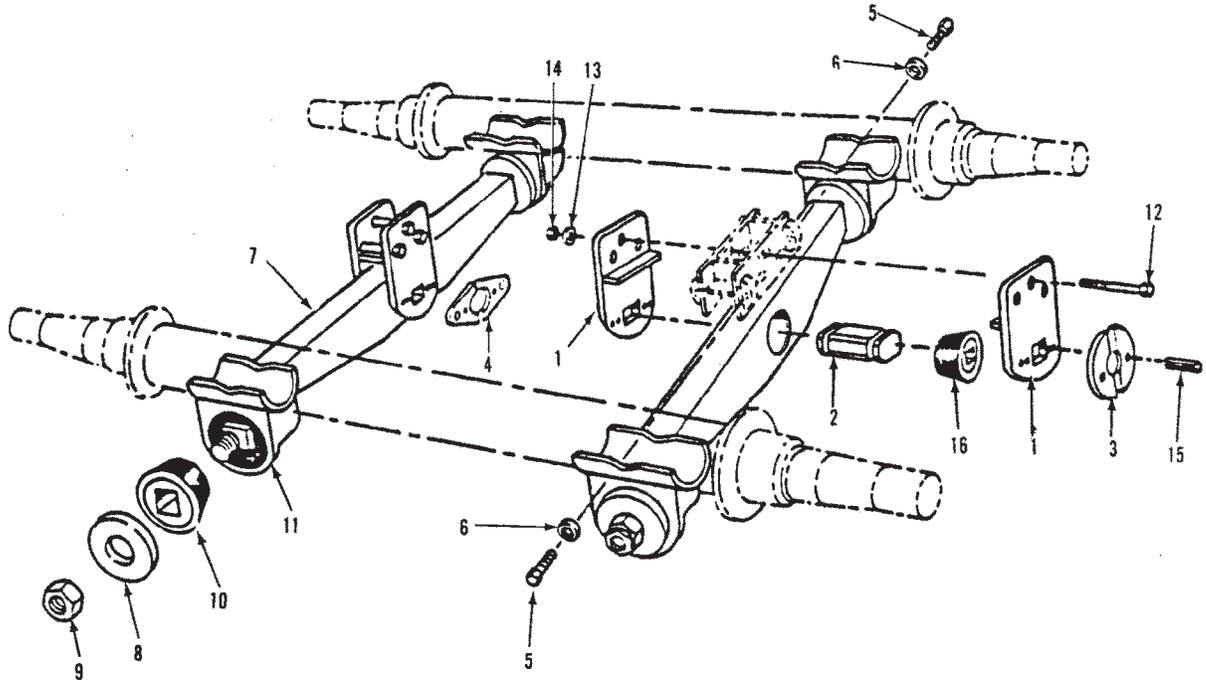


REF NO	PART NO	NAME OF PART	QTY
1	400815	BRACKET	2
1	400452	BRACKET	4
2	400008	SCREW	8
3	15021	NUT-JAM	8
4	400668	SHAFT	2
5	400394	WASHER	4
6	400113	NUT	4
7	400052	PIN	4
8	400549	BEAM-WALKING	2

REF NO	PART NO	NAME OF PART	QTY
9	400324	PLATE-RETAINER	4
10	15074	NUT	4
11	400329	BUSHING-RUBBER	8
12	400331	BUSHING-RUBBER	4
13	400320	RETAINER	4
14	17296	CAPSCREW	6
15	15166	LOCKWASHER	6
16	15066	NUT	6

UNDERCARRIAGE

TANDEM AXLE
R40TL R40TD
AFTER S/N 22722



REF NO	PART NO	NAME OF PART	QTY
1	430906	BRACKET	4
2	430908	SHAFT	2
3	430909	PLATE	4
4	430966	PLATE	4
5	400008	SCREW	8
6	15021	NUT-JAM	8
7	430965	BEAM-WALKING	2
8	400324	PLATE-RETAINER	4

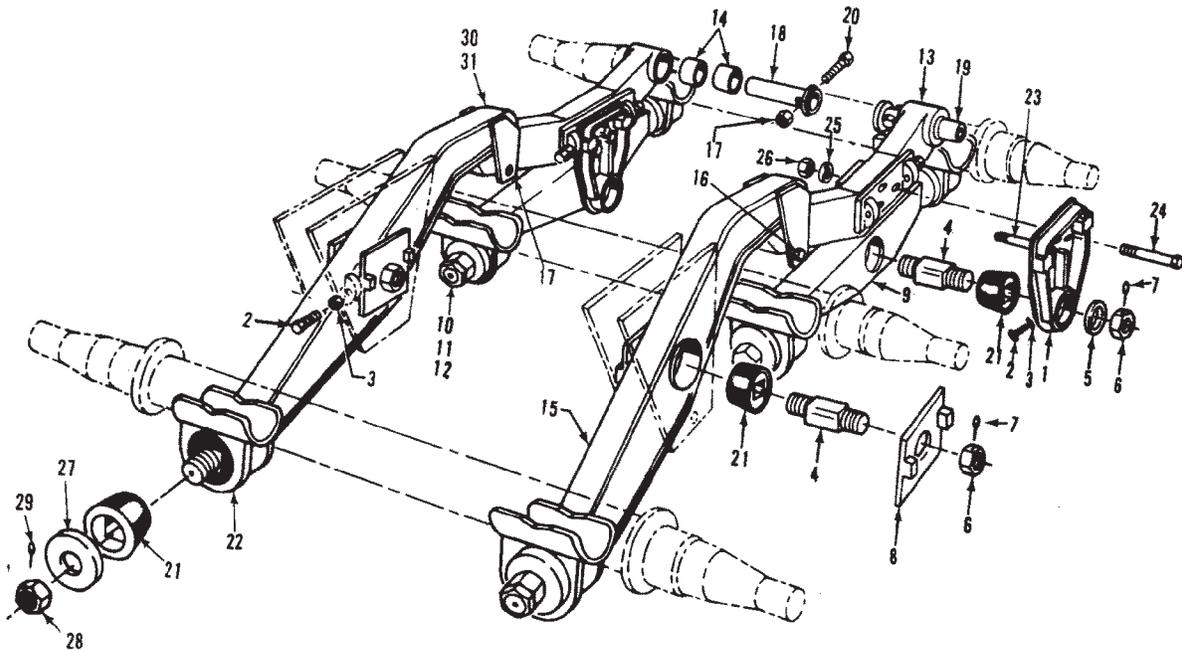
REF NO	PART NO	NAME OF PART	QTY
9	15074	NUT	4
10	400329	BUSHING-RUBBER	8
11	400320	RETAINER	4
12	221034	CAPSCREW	6
13	15166	LOCKWASHER	6
14	15066	NUT	6
15	222007	PIN-SLOTTED	8
16	400331	BUSHING-RUBBER	4

UNDERCARRIAGE

TRIDEM AXLE

R35TL3 R35TD3 R40TL3 R40TD3 R50TL3 R50TD3

THRU S/N 10791



REF NO	PART NO	NAME OF PART	QTY
1	400326	BRACKET	4
2	400012	SCREW	16
3	15019	NUT-JAM	16
4	400325	SHAFT	4
5	400328	WASHER	4
6	15073	NUT	8
7	* 15267	PIN-COTTER	8
8	400415	BRACKET	4
9	446329	BEAM	2
10	400324	PLATE-RETAINER	4
11	15074	NUT	4
12	* 15266	PIN-COTTER	4
13	400317	BEAM	2
14	400377	BUSHING-BRONZE	4
15	400379	BEAM-REAR	2
16	16827	CAPSCREW	2
17	58311	LOCKNUT	4

REF NO	PART NO	NAME OF PART	QTY
18	403561	SHAFT	2
19	400011	FITTING-GREASE	2
20	18597	CAPSCREW	2
21	400329	BUSHING-RUBBER	20
22	400320	RETAINER	6
23	18637	CAPSCREW	4
24	18248	CAPSCREW	2
25	15162	LOCKWASHER	6
26	15012	NUT	6
27	400324	PLATE-RETAINER	2
28	15074	NUT	2
29	15266	PIN-COTTER	2
30	402282	PLATE-STRAIGHT	2
31	402194	PLATE-CURVED	2

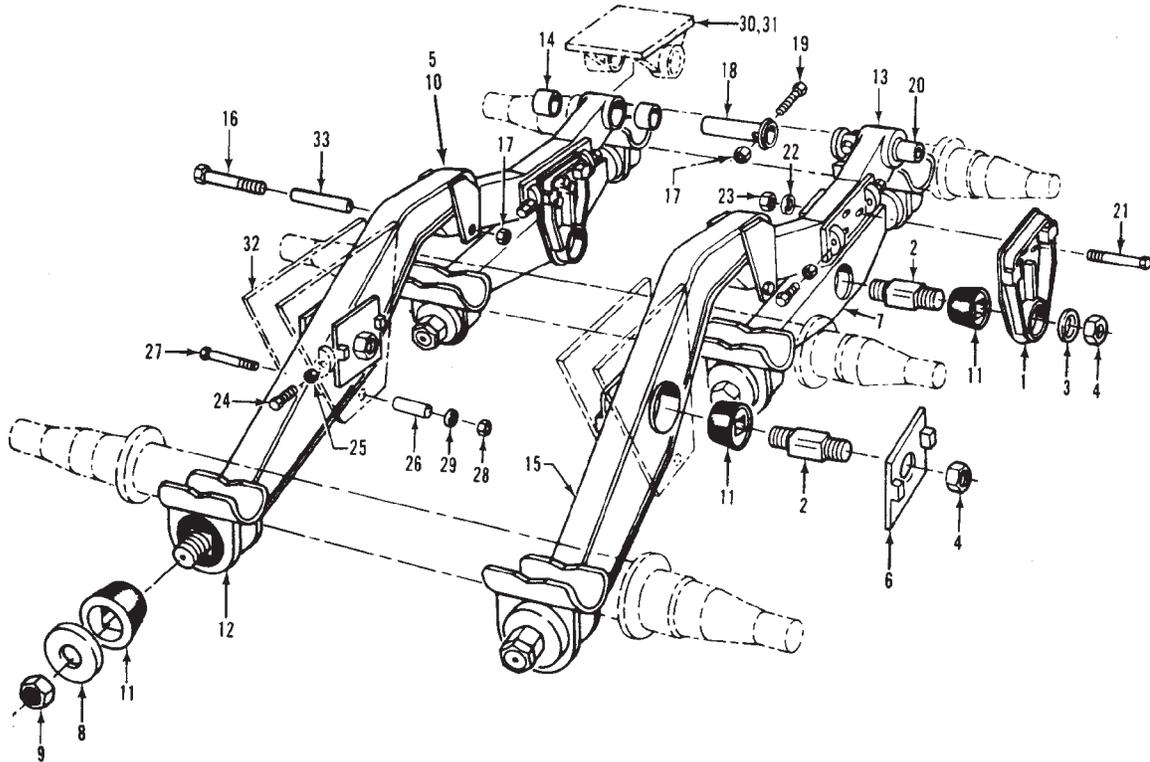
*NOT REQUIRED WHEN LOCKNUTS USED

UNDERCARRIAGE

TRIDEM AXLE

R35TL3 R35TD3 R40TL3 R40TD3 R50TL3 R50TD3

S/N 10792 THRU 16150



REF NO	PART NO	NAME OF PART	QTY
1	401439	BRACKET	4
2	400325	SHAFT	4
3	401445	WASHER	4
4	15073	NUT	8
5	402282	PLATE-STRAIGHT	2
6	400415	BRACKET	4
7	401440	BEAM-WALKING	2
8	400324	PLATE-RETAINER	6
9	15074	NUT	6
10	402194	PLATE-CURVED	2
11	400329	BUSHING-RUBBER	20
12	400320	RETAINER	6
13	401442	BEAM-FWD	2
14	400377	BUSHING-BRONZE	4
15	400379	BEAM-REAR	2
16	16827	CAPSCREW	2
17	58311	LOCKNUT	4

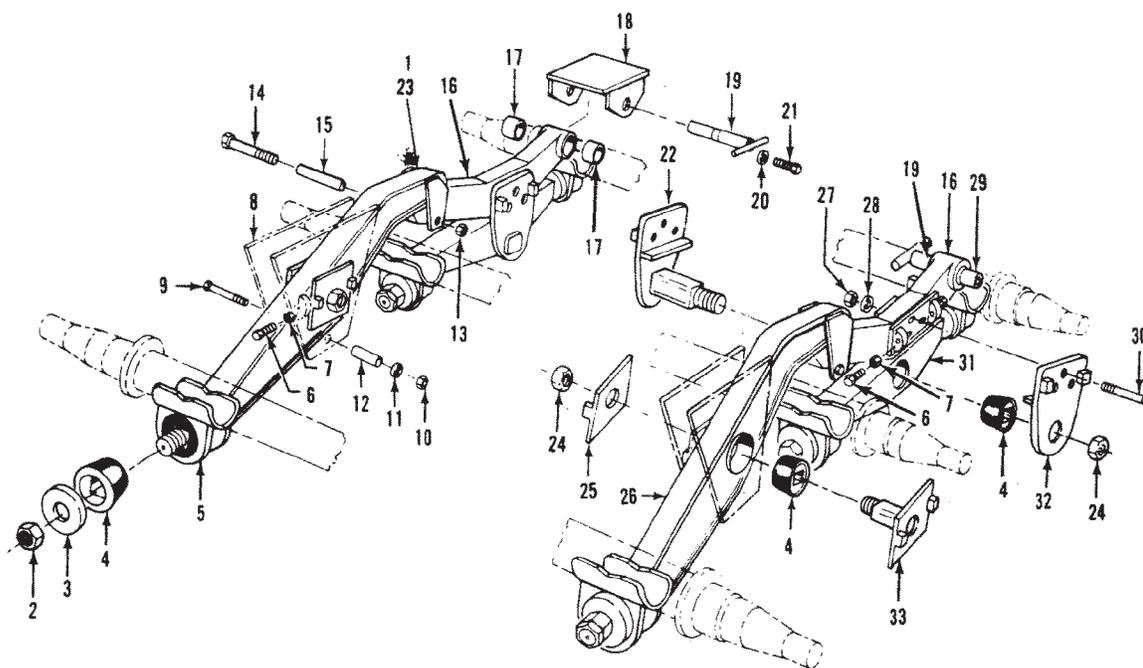
REF NO	PART NO	NAME OF PART	QTY
18	403561	SHAFT	2
19	18597	CAPSCREW	2
20	400297	FITTING-GREASE	2
21	16089	CAPSCREW	6
22	15162	LOCKWASHER	6
23	15012	NUT	6
24	400012	SCREW	16
25	15019	NUT-JAM	16
26	400205	SPACER	2
27	15099	BOLT	2
28	15062	NUT	2
29	15162	LOCKWASHER	2
30	400154	SUPPORT-FWD RH	1
31	400251	SUPPORT-FWD LH	1
32	400202	BRACKET-REAR	2
33	438393	PIPE	2

UNDERCARRIAGE

TRIDEM AXLE

R35TL3 R35TD3 R40TL3 R40TD3 R50TL3 R50TD3

AFTER S/N 16150



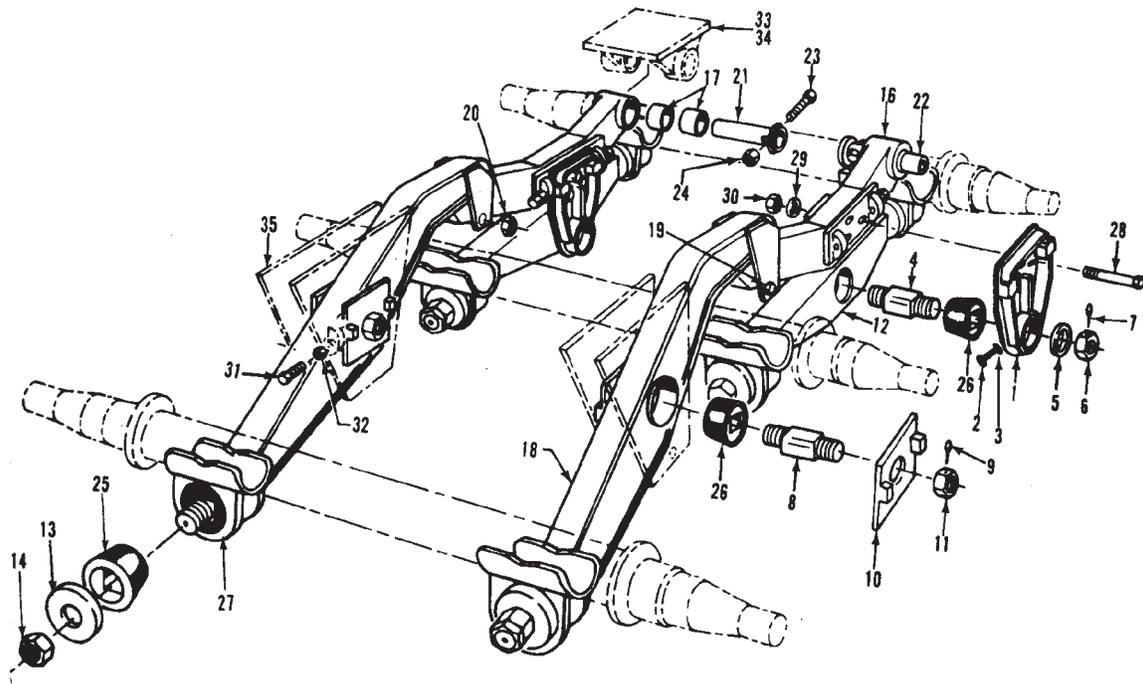
REF NO	PART NO	NAME OF PART	QTY
1	++ 402282	PLATE-STRAIGHT	2
2	15074	NUT	6
3	400324	PLATE-RETAINER	6
4	400329	BUSHING-RUBBER	20
5	400320	RETAINER	6
6	400012	SCREW	16
7	15019	NUT-JAM	16
8	429399	SUPPORT-REAR	2
9	16055	CAPSCREW	2
10	15012	NUT	2
11	15162	LOCKWASHER	2
12	429397	PIPE	2
13	58311	LOCKNUT	2
14	16827	CAPSCREW	2
15	438393	PIPE	2
16	401442	BEAM-FWD	2
17	+ 400377	BUSHING-BRONZE	1
17	* 455474	KIT-BEARING	1
17	# 446824	BEARING	1
18	429211	SUPPORT-FWD	2
19	+ 429210	SHAFT-PIVOT	2
19	⊕ 452285	SHAFT-PIVOT	2

REF NO	PART NO	NAME OF PART	QTY
20	15158	LOCKWASHER	4
21	221563	CAPSCREW	4
22	429216	BRACKET	2
23	** 402194	PLATE-CURVED	2
24	15073	NUT	4
25	429414	BRACKET	2
26	400379	BEAM-REAR	2
27	15012	NUT	6
28	15162	LOCKWASHER	6
29	+ 400297	FITTING-GREASE	2
30	16055	CAPSCREW	6
31	401440	BEAM-WALKING	2
32	429214	BRACKET	2
33	429396	BRACKET	2

+ LAST USED ON S/N 22669
 ⊕ FIRST USED ON S/N 22670
 * USED ON S/N 22670 THRU 23553
 # FIRST USED ON S/N 23554
 ++ STRAIGHT
 ** CURVED

UNDERCARRIAGE

TRIDEM AXLE
R60TL3 R60TD3
S/N 10324 THRU 13740



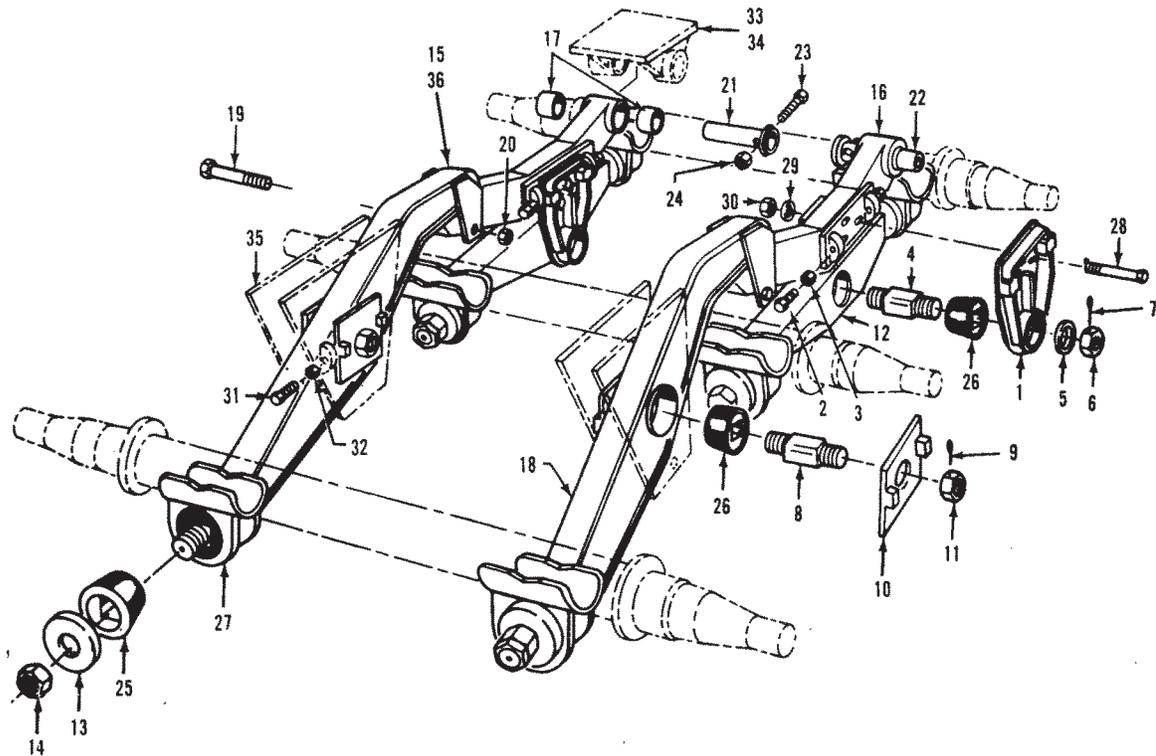
REF NO	PART NO	NAME OF PART	QTY
1	400816	HANGER-BEAM	2
2	400810	BRACKET	4
3	400008	SCREW	8
4	15021	NUT-JAM	8
5	400668	SHAFT	2
6	400394	WASHER	4
7	400113	NUT	4
8	400052	PIN	4
9	401444	SHAFT	2
10	401455	SHAFT	2
11	400052	PIN	4
12	401446	PLATE-BRACKET	4
13	400113	NUT	4
14	400549	BEAM-WALKING	2
15	400324	PLATE-RETAINER	6
16	15074	NUT	6
17	409429	BEAM-FWD	2
18	400780	BUSHING	4
19	400783	BEAM	2
20	17498	CAPSCREW	2

REF NO	PART NO	NAME OF PART	QTY
19	58311	LOCKNUT	4
20	409303	SHAFT	2
21	400297	FITTING-GREASE	2
22	18637	CAPSCREW	2
23	43299	LOCKNUT	2
24	400329	BUSHING-RUBBER	12
25	400331	BUSHING-RUBBER	8
26	400320	RETAINER	6
27	17296	CAPSCREW	6
28	15166	LOCKWASHER	6
29	15066	NUT	6
30	400008	SCREW	8
31	15021	NUT-JAM	8
32	402305	SUPPORT-RH	1
33	402306	SUPPORT-LH	1
34	402304	SUPPORT-REAR	2

*ON TRAILERS PRIOR TO 13350
FORWARD SUPPORTS MUST BE
DRILLED TO ACCEPT 3/4 CAPSCREWS

UNDERCARRIAGE

TRIDEM AXLE
R60TL3 R60TD3
AFTER S/N 13740



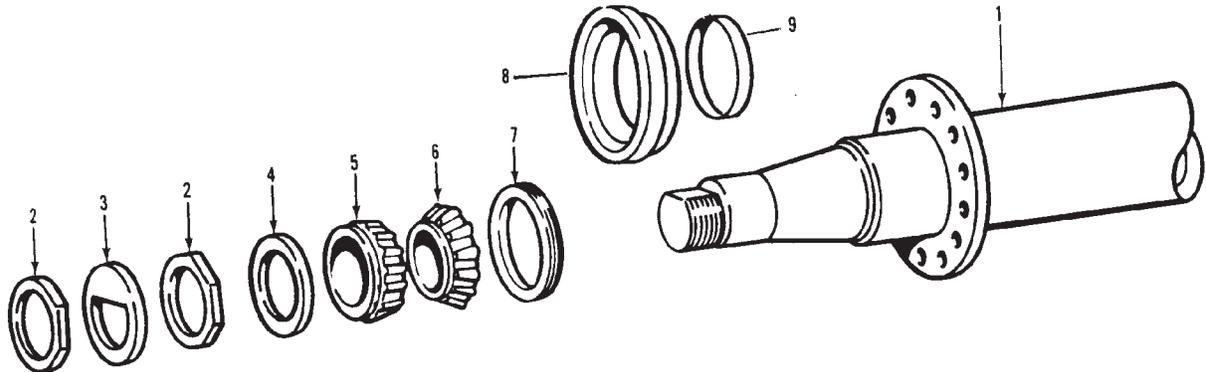
REF NO	PART NO	NAME OF PART	QTY
1	400816	HANGER-BEAM	2
1	400810	BRACKET	4
2	400008	SCREW	8
3	15021	NUT-JAM	8
4	400668	SHAFT	2
5	400394	WASHER	4
6	400113	NUT	4
7	400052	PIN	4
8	* 401444	SHAFT	2
8	+ 404608	SHAFT	2
8	* 401455	SHAFT	2
8	+ 404511	SHAFT	2
9	400052	PIN	4
10	401446	PLATE-BRACKET	4
11	* 400113	NUT	4
11	+ 400113	NUT	2
11	+ 404512	NUT	2
12	430965	BEAM-WALKING	2
13	400324	PLATE-RETAINER	6
14	15074	NUT	6
15	403293	PLATE-CURVED	2
16	409429	BEAM-FWD	2
17	400780	BUSHING	4

REF NO	PART NO	NAME OF PART	QTY
18	409431	BEAM-REAR	2
19	16055	CAPSCREW	2
20	43299	LOCKNUT	2
21	409303	SHAFT	2
22	400297	FITTING-GREASE	2
23	18637	CAPSCREW	2
24	43299	LOCKNUT	2
25	400329	BUSHING-RUBBER	12
26	400331	BUSHING-RUBBER	8
27	400320	RETAINER	6
28	17296	CAPSCREW	6
29	15166	LOCKWASHER	6
30	15066	NUT	6
31	400008	SCREW	8
32	15021	NUT-JAM	8
33	402305	SUPPORT-RH	1
34	402306	SUPPORT-LH	1
35	402304	SUPPORT-REAR	2
36	409350	PLATE-STRAIGHT	2

*TRAILERS WITH 15 INCH WHEELS
+TRAILERS WITH 20 INCH WHEELS

AXLE

R20TL R20TD R25TL R25TD THRU S/N 17794



KEY
 A-MODELS WITH GREASE LUBRICATED BEARINGS
 B-MODELS WITH OIL LUBRICATED BRG-S/N 6001-15799
 C-MODELS WITH OIL LUBRICATED BRG-AFTER S/N 15799

REF NO	PART NO	NAME OF PART	QTY		
			1	2	3
1	*	AXLE	1	1	1
2	400692	NUT	4	4	4
3	400693	WASHER	2	2	2
4	400694	WASHER	2	2	2
5	30154	CONE-BEARING	2	2	2
6	30097	CONE-BEARING	2	2	2
7	400552	RETAINER	2	..	..

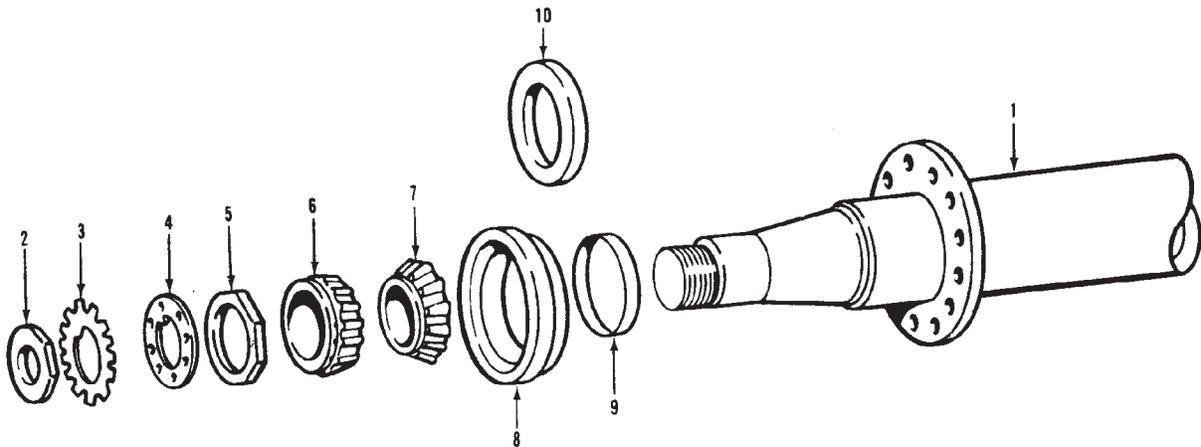
REF NO	PART NO	NAME OF PART	QTY		
			A	B	C
8	422382	SEAL-OIL	..	2	..
8	431071	SEAL-OIL	..	..	2
9	422383	RING-AXLE	..	2	2

*SPECIFY TRAILER S/N AND MODEL AND WHETHER FRONT OR REAR AXLE

1D14

AXLE

R20TL R20TD R25TL R25TD S/N 17795 THRU 24060
 R15SL R15SD R35TL R35TD R35TL3 R35TD3 R40TL3 R40TD3 R50TL3 R50TD3 THRU S/N 24060



KEY
 A-S/N 6001-11490 15 IN WHEELS OR S/N 6001-11556 20 IN WHEELS
 B-S/N 11491-12292 15 IN WHEELS OR S/N 11557-12239 20 IN WHEELS
 C-S/N 12293-24060 15 IN WHEELS OR S/N 12240-24060 20 IN WHEELS

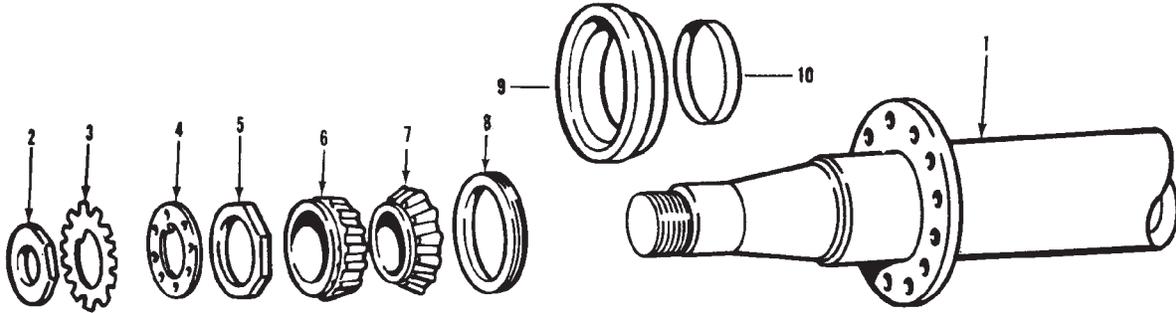
REF NO	PART NO	NAME OF PART	QTY		
			A	B	C
1	+	AXLE	AR	AR	AR
2	400676	NUT	2	2	2
3	428788	WASHER-LOCK	2	2	2
4	400677	WASHER	2	2	2
5	400678	NUT	2	2	2
6	401262	CONE-BRG OUTER	..	2	2
6	400337	CONE-BEARING	2	..	..
7	390104	CONE-BRG INNER	2	2	2

REF NO	PART NO	NAME OF PART	QTY		
			A	B	C
8	403079	SEAL-OIL	*	*	2
9	403080	RING-AXLE	*	*	2
10	400335	RETAINER	2	2	..

+SPECIFY TRAILER S/N AND MODEL AND WHETHER FRONT CENTER OR REAR AXLE
 *USED ON THESE UNITS WHEN EQUIPPED WITH OPTIONAL OIL SEALS

AXLE

R40TL R40TD R60TL3 R60TD3 THRU S/N 18000



REF NO	PART NO	NAME OF PART	QTY
1	*	AXLE	AR
2	400676	NUT	2
3	428788	WASHER-LOCK	2
4	400677	WASHER	2
5	400678	NUT	2
6	30090	CONE-BEARING	2
7	400680	CONE-BEARING	2

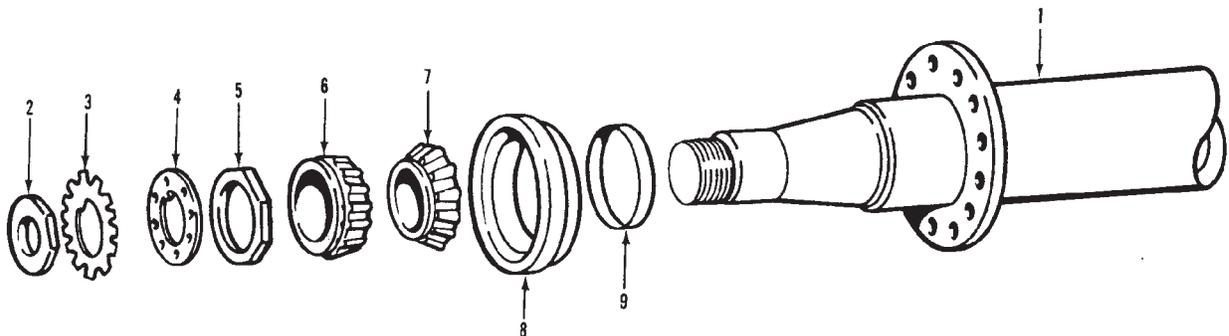
REF NO	PART NO	NAME OF PART	QTY
8	400679	RETAINER	2
9	422122	SEAL-OIL	2
10	422121	RING-AXLE	2

*SPECIFY TRAILER S/N AND MODEL AND WHETHER FRONT CENTER OR REAR AXLE

1E02

AXLE

R40TL R40TD R60TL3 R60TD3
S/N 18001 THRU 24060



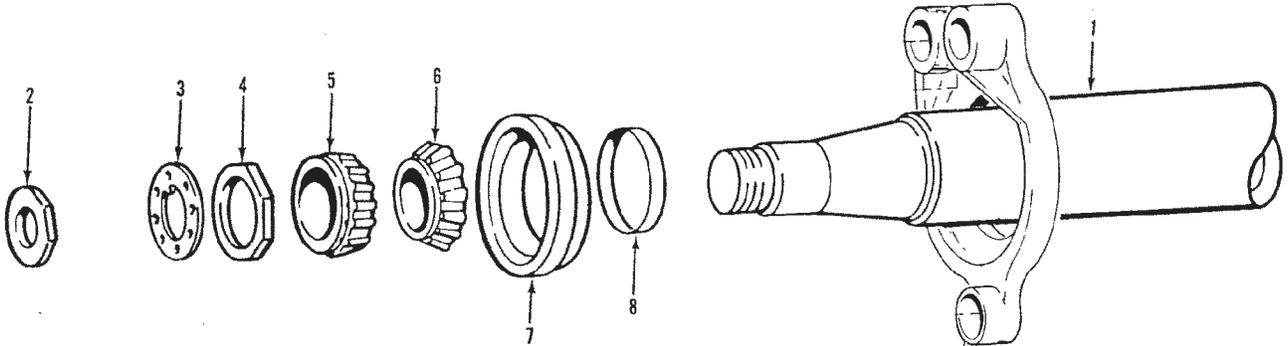
REF NO	PART NO	NAME OF PART	QTY
1	*	AXLE	AR
2	400676	NUT	2
3	428788	WASHER-LOCK	2
4	400677	WASHER	2
5	400678	NUT	2
6	401262	CONE-BRG OUTER	2

REF NO	PART NO	NAME OF PART	QTY
7	435613	CONE-BRG INNER	2
8	435611	SEAL-OIL	2
9	435612	RING-AXLE	2

*SPECIFY TRAILER S/N AND MODEL AND WHETHER FRONT CENTER OR REAR AXLE

AXLE

ALL R SERIES AFTER S/N 24060



REF NO	PART NO	NAME OF PART	QTY
1	*	AXLE	1
2	400676	NUT	2
3	400677	WASHER	2
4	400678	NUT	2
5	401262	CONE-BRG OUTER	2
6	435613	CONE-BRG INNER	2

REF NO	PART NO	NAME OF PART	QTY
7	435611	SEAL-OIL	2
8	435612	RING-AXLE	2

* SPECIFY TRAILER S/N AND MODEL AND WHETHER FRONT CENTER OR REAR AXLE

Brake - Actuator

BRAKES 15 INCH WHEELS

R15SL R15SD R20TL R20TD R25TL R25TD R35TL R35TD3
R35TD R35TL3 R40TL R40TD R40TL3 R40TD3
R50TL3 R50TD3 R60TL3 R60TD3
S/N 10000 THRU 16349.....2A05
S/N 16350 THRU 17530.....2A06

R25TL R25TD R35TL R35TD R35TL3 R35TD3
R40TL3 R40TD3 R50TL3 R50TD3
S/N 17531 THRU 18472.....2A07
S/N 18474 THRU 20195.....2A08
S/N 20195 THRU 24060.....2A09
AFTER S/N 24060.....2A10

R40TL R40TD R60TL3 R60TD3
S/N 17531 THRU 18000.....2A07
S/N 18001 THRU 18472.....2A11
S/N 18473 THRU 20195.....2A12
S/N 20195 THRU 24060.....2A09
AFTER S/N 24060.....2A10

BRAKES 20 INCH WHEELS

R15SL R15SD R20TL R20TD R25TL R25TD R35TL
R35TD R35TL3 R35TD3 R40TL3 R40TD3
R50TL3 R50TD3
S/N 10000 THRU 11574.....2A13
S/N 11575 THRU 16349.....2A14
S/N 16350 THRU 17597.....2B01
S/N 17598 THRU 20195.....2B02
S/N 20196 THRU 24060.....2B03
AFTER S/N 24060.....2B07

R40TL R40TD R60TL3 R60TD3
S/N 10000 THRU 16349.....2B04
S/N 16350 THRU 20195.....2B02

R40TL R40TD
S/N 20196 THRU 24060.....2B05
AFTER S/N 24060.....2B07

R60TL3 R60TD3
S/N 20196 THRU 24060.....2B06
AFTER S/N 24060.....2B07

ACTUATORS 15 INCH WHEELS

R20TL R20TD R25TL R25TD A13 AND A15 AXLE
THRU S/N 17794.....2B08
S/N 17795 THRU 24060.....2B09
AFTER S/N 24060.....2B10

R15SL R15SD R35TL R35TD R35TL3 R35TD3
R40TL R40TD R40TL3 R40TD3 R50TL3 R50TD3
R60TL3 R60TD3 A19 A21 A22 AXLE
S/N 10000 THRU 24060.....2B09
AFTER S/N 24060.....2B10

ACTUATORS 20 INCH WHEELS

R20TL R20TD R25TL R25TD A15 AXLE
THRU S/N 16000.....2B11
S/N 16001 THRU 24060.....2B12
AFTER S/N 24060.....2B10

R15SL R15SD R35TL R35TD R35TL3 R35TD3
R40TL R40TD R40TL3 R40TD3 R50TL3 R50TD3
R60TL3 R60TD3
S/N 10000 THRU 24060.....2B12
AFTER S/N 24060.....2B13

6

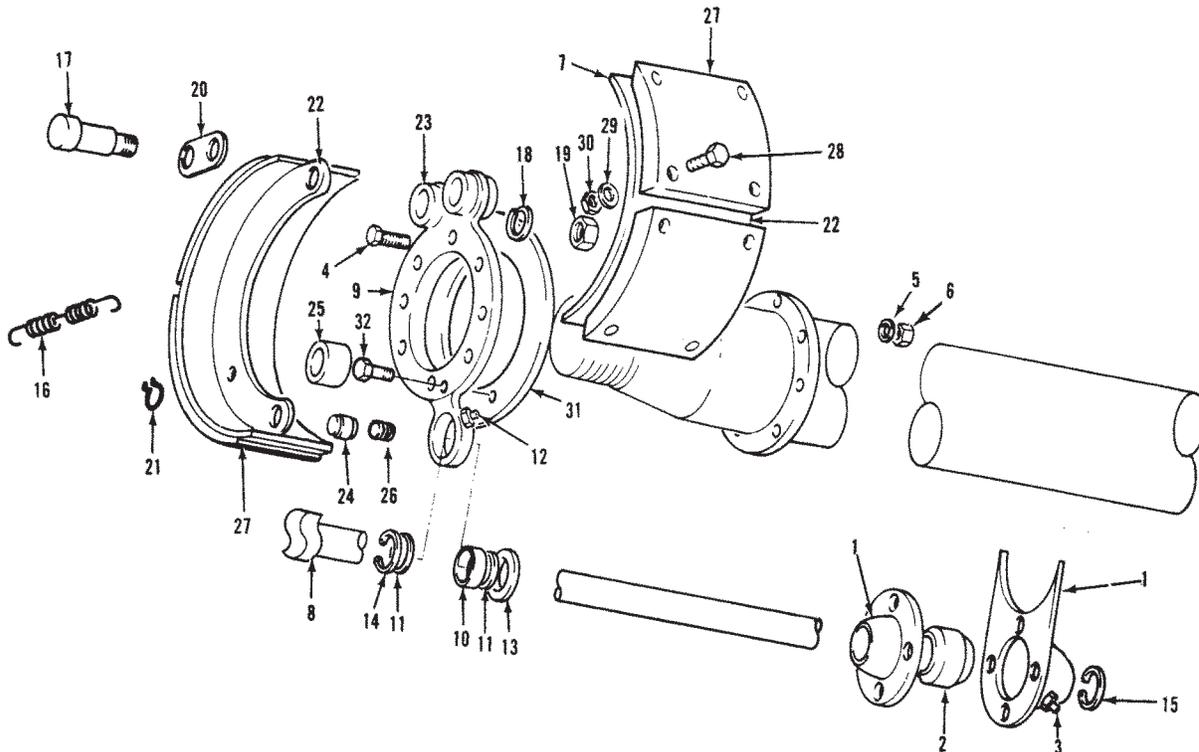
BRAKE

12 1/4 X 5 1/2

R15SL R15SD R20TL R20TD R25TL R25TD R35TL R35TD R35TL3 R35TD3

R40TL R40TD R40TL3 R40TD3 R50TL3 R50TD3 R60TL3 R60TD3

10000 THRU S/N 16349



REF NO	PART NO	NAME OF PART	QTY
1	# 400334	BRACKET	2
1	c 400551	BRACKET	2
2	400393	BUSHING	2
3	400011	FITTING-GREASE	2
4	16397	CAPSCREW	16
5	15158	LOCKWASHER	16
6	15008	NUT	16
7	+ 400341	BRAKE-RH	1
7	+ 400364	BRAKE-LH	1
8	417801	CAMSHAFT-RH	1
8	417802	CAMSHAFT-LH	1
9	400343	SPIDER	2
10	431540	BUSHING/SEAL	2
11	429182	SEAL-SPIDER	4
12	400011	FITTING-GREASE	2
13	400360	WASHER	2
14	400475	WASHER	4
15	* 58931	RING-SNAP	6
16	400355	SPRING-RETRACT	4
17	400354	PIN-ANCHOR	4
18	177951	LOCKWASHER	4
19	15032	NUT-JAM	4
20	400356	LI-ANCHOR PIN	2

REF NO	PART NO	NAME OF PART	QTY
21	400357	RETAINER	4
22	400347	SHOE/LINING	2
22	400348	SHOE-BRAKE	4
23	400350	BUSHING	4
24	400352	SHAFT	4
25	400351	ROLLER-CAM	4
26	400353	SCREW	4
27	400349	LINING-BRAKE	8
28	400005	SCREW	32
29	15156	LOCKWASHER	32
30	15006	NUT-HEX	32
31	400346	SHIELD-DUST	2
32	400015	SCREW	12

+WHEN "S" CAM BRAKES REPLACE FLAT CAM BRAKES
BOTH BRAKES ON THE AXLE MUST BE REPLACED
*TRAILERS BUILT THRU S/N 14049 MAY REQUIRE
400363 WASHER 15155 LOCK WASHER AND 15553
CAPSCREW IN PLACE OF 58931 SNAP RING TO
RETAIN THE SLACK ADJUSTER ON THE CAMSHAFT

#FOR "5" AXLE
&FOR "4 1/2" AXLE

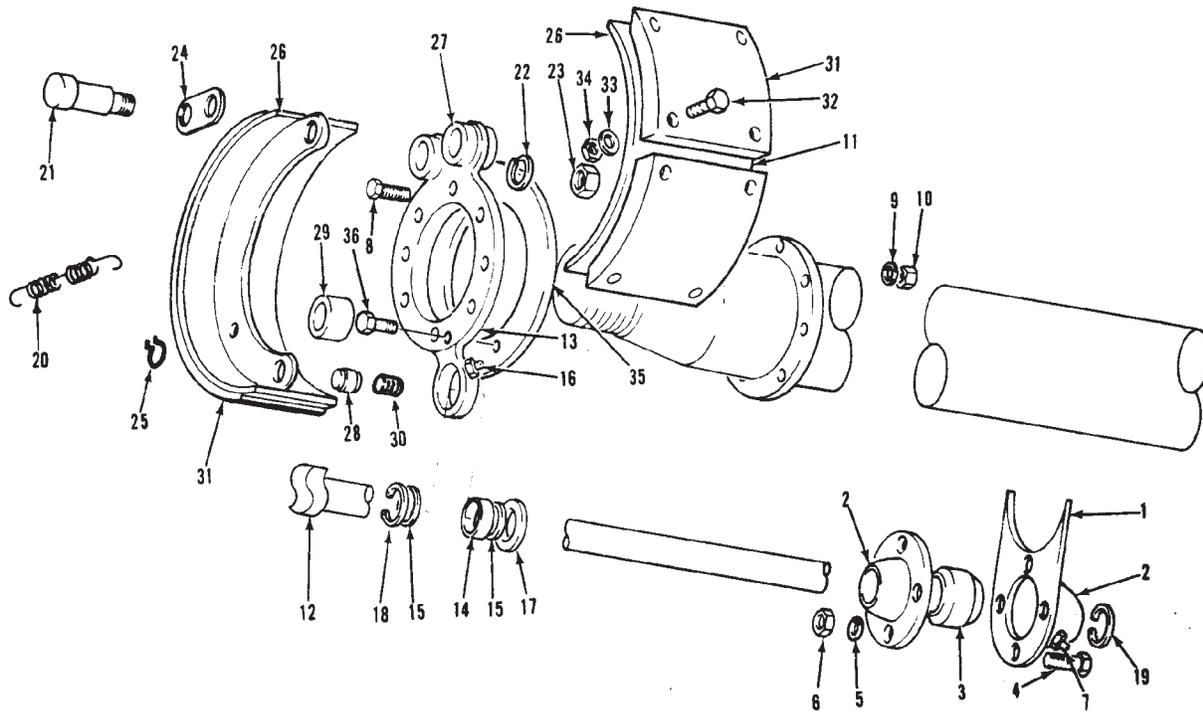
BRAKE

12 1/4 X 5 1/2

R15SL R15SD R20TL R20TD R25TL R25TD R35TL R35TD R35TL3 R35TD3

R40TL R40TD R40TL3 R40TD3 R50TL3 R50TD3 R60TL3 R60TD3

S/N 16350 THRU 17530



REF NO	PART NO	NAME OF PART	QTY
1	434473	BRACKET	2
2		PLATE-SIDE	4
3	434475	BUSHING	2
3	460985	BUSHING	2
4	18462	CAPSCREW	8
5	15154	LOCKWASHER	8
6	15054	NUT	8
7	400011	FITTING-GREASE	2
8	16397	CAPSCREW	16
9	15158	LOCKWASHER	16
10	15008	NUT	16
11	400341	BRAKE-RH	1
11	400364	BRAKE-LH	1
12	417801	CAMSHAFT-RH	1
12	417802	CAMSHAFT-LH	1
13	400343	SPIDER	2
14	431540	BUSHING/SEAL	2
15	429182	SEAL-SPIDER	4
16	400011	FITTING-GREASE	2
17	400360	WASHER	2

REF NO	PART NO	NAME OF PART	QTY
18	400475	WASHER	2
19	58931	RING-SNAP	4
20	400355	SPRING-RETRACT	4
21	400354	PIN-ANCHOR	4
22	177951	LOCKWASHER	4
23	15032	NUT-JAM	4
24	400356	LI-ANCHOR PIN	2
25	400357	RETAINER	4
26	400347	SHOE/LINING	2
26	400348	SHOE-BRAKE	4
27	400350	BUSHING	4
28	400352	SHAFT	4
29	400351	ROLLER-CAM	4
30	400353	SCREW	4
31	400349	LINING-BRAKE	8
32	400005	SCREW	32
33	15156	LOCKWASHER	32
34	15006	NUT-HEX	32
35	400346	SHIELD-DUST	2
36	400015	SCREW	12

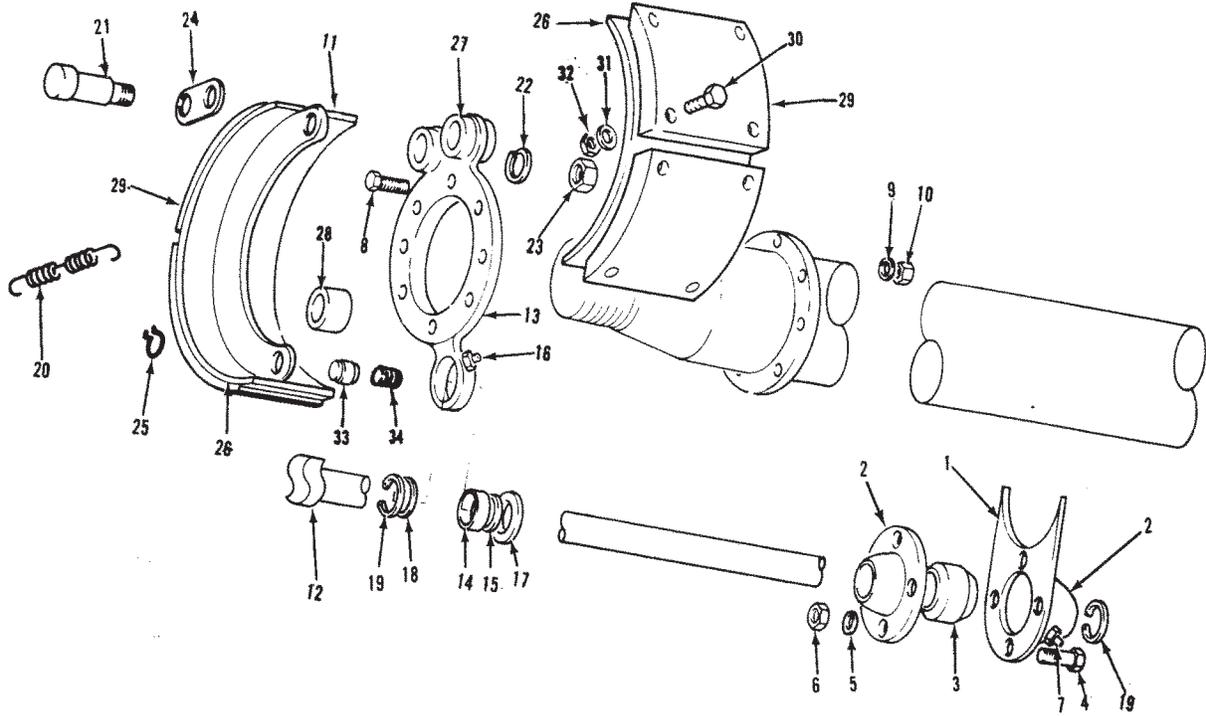
BRAKE

12 1/4 X 7 1/2

R25TL R25TD R35TL R35TD R35TL3 R35TD3

R40TL3 R40TD3 R50TL3 R50TD3 - S/N 17531 THRU 18472

R40TL R40TD R60TL3 R60TD3 - S/N 17531 THRU 18000



REF NO	PART NO	NAME OF PART	QTY	REF NO	PART NO	NAME OF PART	QTY
1	434473	BRACKET	2	18	400475	WASHER	2
2	.....	PLATE-SIDE	4	19	58931	RING-SNAP	4
3	434475	BUSHING	2	20	400355	SPRING-RETRACT	4
3	460985	BUSHING	2	21	400354	PIN-ANCHOR	4
4	18462	CAPSCREW	8	22	177951	LOCKWASHER	4
5	15154	LOCKWASHER	8	23	15032	NUT-JAM	4
6	15054	NUT	8	24	400356	LI-ANCHOR PIN	2
7	400011	FITTING-GREASE	2	25	400357	RETAINER	4
8	16397	CAPSCREW	16	26	.....	SHOE/LINING	4
9	15158	LOCKWASHER	16	26	419305	SHOE-BRAKE	4
10	15008	NUT	16	27	400350	BUSHING	4
11	427045	BRAKE-RH	1	28	400351	ROLLER-CAM	4
11	427046	BRAKE-LH	1	29	419304	LINING-BRAKE	8
12	427047	CAMSHAFT-RH	1	30	400005	SCREW	32
12	427048	CAMSHAFT-LH	1	31	15156	LOCKWASHER	32
13	400343	SPIDER	2	32	15006	NUT-HEX	32
14	431540	BUSHING/SEAL	2	33	400352	SHAFT	4
15	429182	SEAL-SPIDER	4	34	400353	SCREW	4
16	400011	FITTING-GREASE	2				
17	400360	WASHER	2				

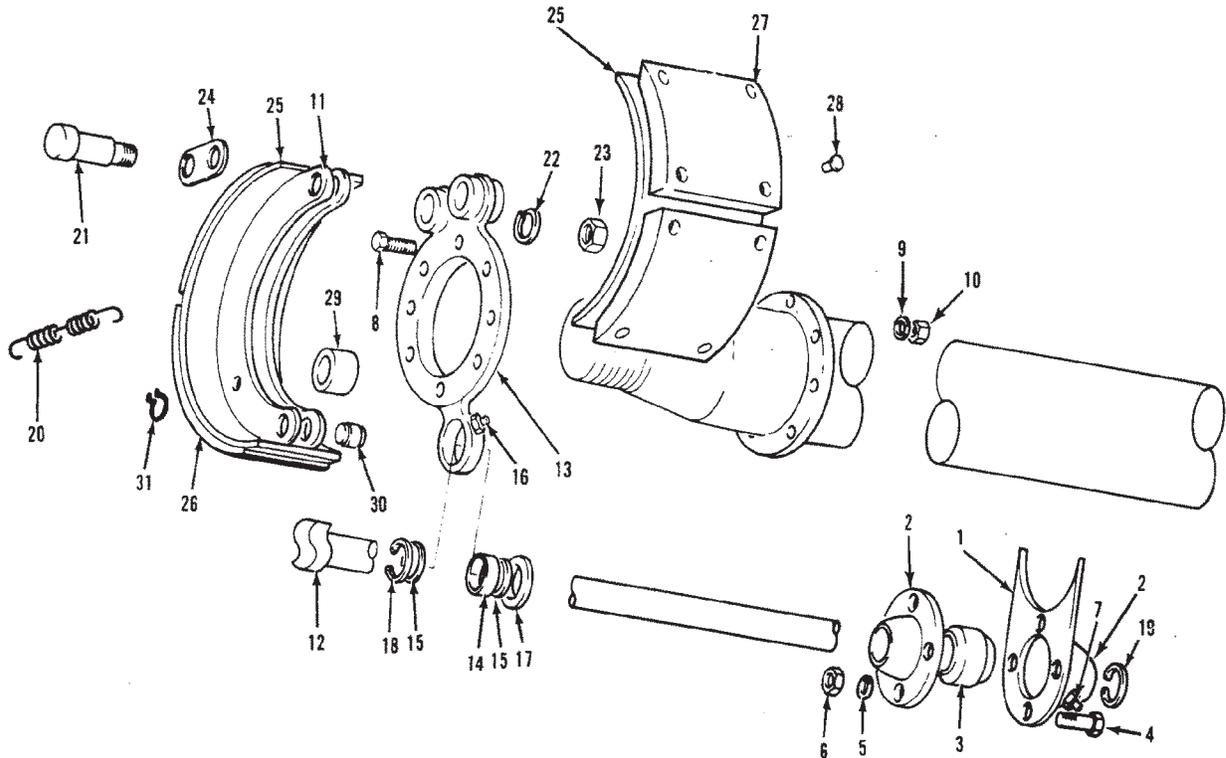
THIS BRAKE HAS CAST SHOES WITH BOLT-ON LININGS AND SPIDERS

BRAKE

12 1/4 X 7 1/2

R25TL R25TD R35TL R35TD R35TL3 R35TD3 R40TL3 R40TD3 R50TL3 R50TD3

S/N 18474 THRU 20195



REF NO	PART NO	NAME OF PART	QTY
1	434473	BRACKET	2
2	.....	PLATE-SIDE	4
3	434475	BUSHING	2
4	460985	BUSHING	2
5	18462	CAPSCREW	8
8	15154	LOCKWASHER	8
6	15054	NUT	8
7	400011	FITTING-GREASE	2
8	16397	CAPSCREW	16
9	15158	LOCKWASHER	16
10	15008	NUT	16
11	442828	BRAKE-RH	1
11	442829	BRAKE-LH	1
12	427047	CAMSHAFT-RH	1
12	427048	CAMSHAFT-LH	1
13	400343	SPIDER	2
14	431540	BUSHING/SEAL	2
15	429182	SEAL-SPIDER	4
16	400011	FITTING-GREASE	2

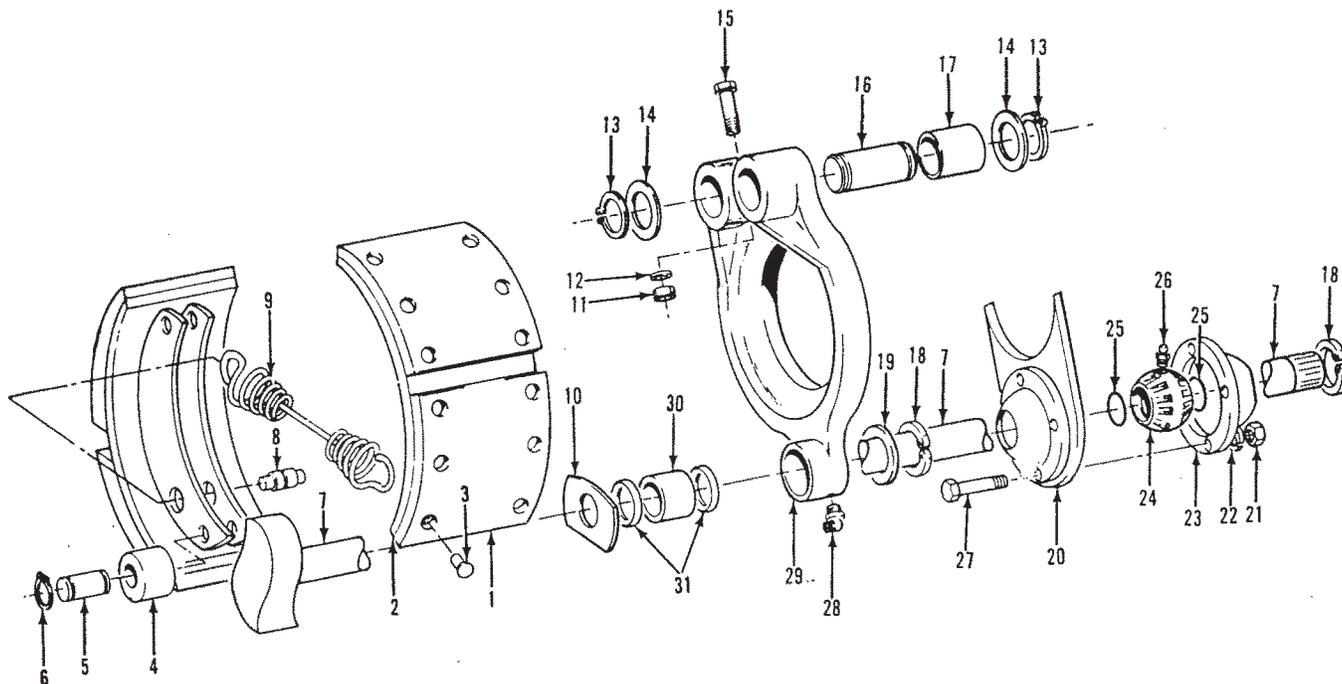
REF NO	PART NO	NAME OF PART	QTY
17	400360	WASHER	2
18	400475	WASHER	2
19	58931	RING-SNAP	4
20	442831	SPRING	4
21	442832	PIN	4
22	177951	LOCKWASHER	4
23	15032	NUT-JAM	4
24	444290	LINK	2
25	442833	SHOE/LINING	4
26	445643	SHOE-BRAKE	4
27	445644	SET-LINING	1
28	422798	RIVET	96
29	444288	ROLLER-CAM	4
30	444337	PIN	4
31	444289	RETAINER	4

NOTE: THIS BRAKE HAS FABRICATED SHOES WITH RIVETED LINING AND BOLT ON SPIDERS

BRAKE

12 1/4 X 7 1/2

R25TL R25TD R35TL R35TD R35TL3 R35TD3
 R40TL R40TD R40TL3 R40TD3 R50TL3 R50TD3
 R60TL3 R60TD3 - S/N 20195 THRU 24060



REF NO	PART NO	NAME OF PART	QTY
1	445386	BRAKE-RH	AR
1	445387	BRAKE-LH	AR
2	442833	SHOE/LINING	2
2	445643	SHOE-BRAKE	2
2	# 445644	SET-LINING	1
3	422798	RIVET	48
4	444288	ROLLER-CAM	2
5	444337	PIN	2
6	444289	RETAINER	2
7	427047	CAMSHAFT-RH	1
7	427048	CAMSHAFT-LH	1
8	444285	PIN-SPRING	2
9	442331	SPRING	1
10	444457	WASHER	1
11	+ 400462	NUT	1
12	+ 15924	LOCKWASHER	1
13	445391	RING-SNAP	4
14	445392	WASHER	4
15	+ 16824	CAPSCREW	1
16	445390	PIN-ANCHOR	2
17	* 445393	BUSHING	2

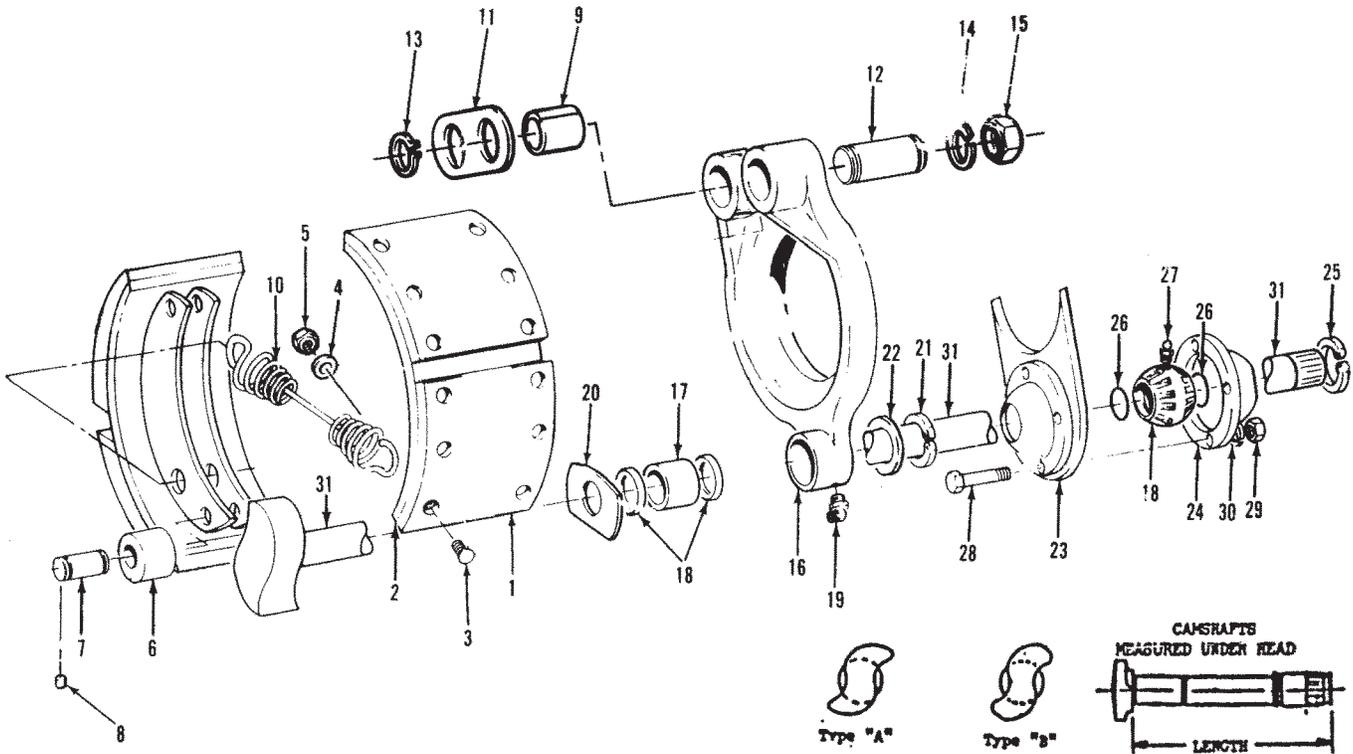
REF NO	PART NO	NAME OF PART	QTY
18	58931	RING-SNAP	2
19	445389	WASHER	1
20	434473	BRACKET	1
21	15054	NUT	4
22	15154	LOCKWASHER	4
23	.....	PLATE-SIDE	2
24	460985	BUSHING	1
24	.....	BUSHING	1
25	55287	O-RING	2
26	16041	FITTING-GREASE	1
27	18462	CAPSCREW	4
28	16022	FITTING-GREASE	1
29	445388	SPIDER	1
30	431540	BUSHING/SEAL	1
31	429182	SEAL-SPIDER	2

+ NOT USED WITH ITEM 17
 * NOT USED WITH ITEMS 11 12 AND 17
 # ONE KIT DOES TWO BRAKES
 NOTE: THIS BRAKE HAS FABRICATED SHOES WITH RIVETED LININGS AND WELD ON SPIDERS

BRAKE

12 1/4 X 7 1/2

ALL R SERIES AFTER S/N 24060



REF NO	PART NO	NAME OF PART	QTY
1	462935	BRAKE	1
2	465796	SHOE & LINING	2
2	465797	BRAKE SHOE	2
2	465798	SET-LINING	1
3	400005	SCREW	16
4	15156	LOCKWASHER	16
5	221708	NUT	16
6	400351	ROLLER-CAM	2
7	400352	SHAFT	2
8	16243	SCREW	2
9	400350	BUSHING	2
10	465800	SPRING-RETRACT	2
11	400356	LI-ANCHOR PIN	1
12	400354	PIN-ANCHOR	2
13	248212	RING-SNAP	?
14	15162	LOCKWASHER	?
15	221717	NUT	2
16	465803	SPIDER	1
17	465804	BUSHING-SPIDER	1
18	429182	SEAL-SPIDER	2
19	16001	FITTING-GREASE	1
20	465801	WASHER	1
21	58931	RING-SNAP	2
22	465802	WASHER-CAM	1

REF NO	PART NO	NAME OF PART	QTY
23	462936	BRKT-CAMSHAFT	AR
24	.....	PLATE-SIDE	2
25	464584	BUSHING	1
26	15868	O-RING	2
27	13960	FITTING-GREASE	1
28	18496	CAPSCREW	3
29	15055	NUT	3
30	15155	LOCKWASHER	3
23	434473	BRACKET	AR
24	.....	PLATE-SIDE	2
25	460985	BUSHING	1
25	.....	BUSHING	1
26	55287	O-RING	2
27	16041	FITTING-GREASE	1
28	18462	CAPSCREW	4
29	15054	NUT	4
30	15154	LOCKWASHER	4

NOTE: TYPE B CAMSHAFTS REPLACED TYPE A CAMSHAFTS BEGINNING IN OCT. 1987. TYPE A CAMSHAFTS MUST BE REPLACED BY TYPE B IN PAIRS OF THE SAME LENGTH.

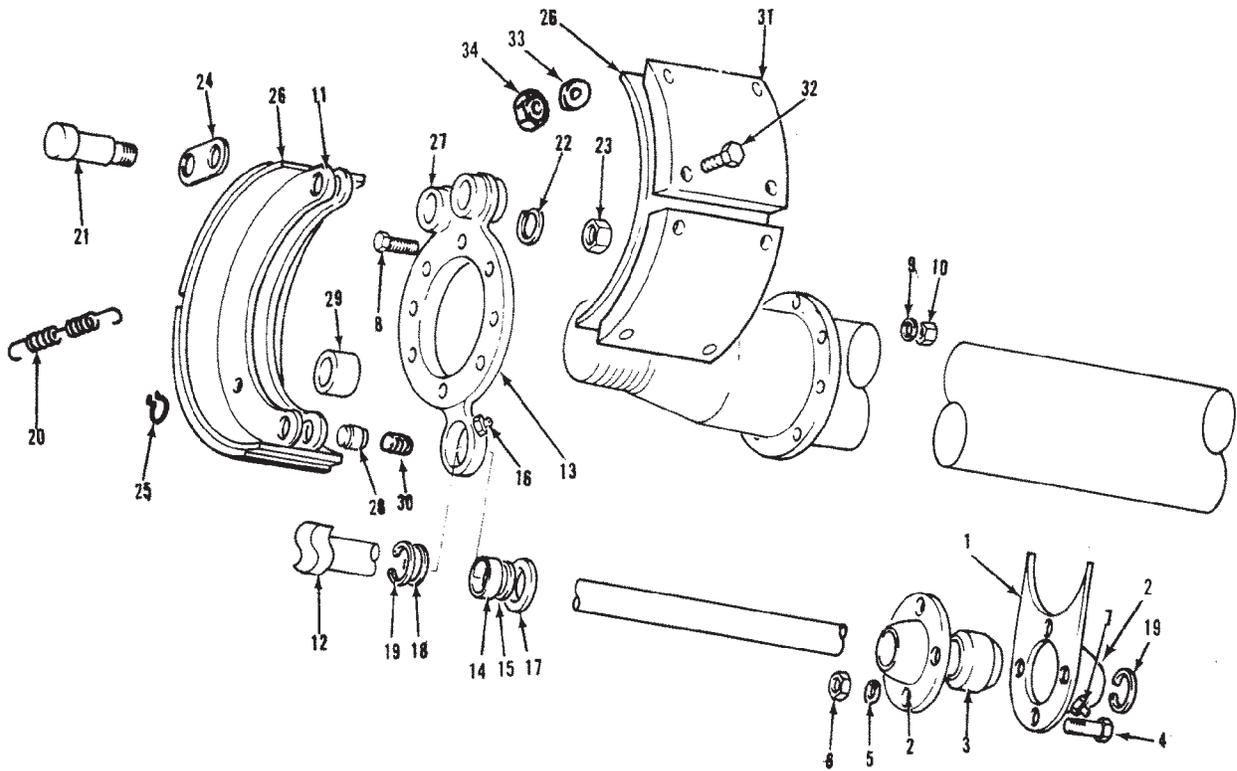
CAMSHAFT (REF NO 31)							
DIMENSION	TYPE A	TYPE B	QTY	DIMENSION	TYPE A	TYPE B	QTY
RH 16.380	467434	467932	AR	LH 16.380	467435	467933	AR
RH 17.625	467178	467934	AR	LH 17.625	467179	467935	AR
RH 19.125	462939	467936	AR	LH 19.125	462940	467937	AR
RH 23.250	462937	467944	AR	LH 23.250	462938	467945	AR
RH 23.375	462954	467946	AR	LH 23.375	462955	467947	AR
RH 25.500	462941	467950	AR	LH 25.500	462942	467951	AR
RH 26.500	466840	467952	AR	LH 26.500	466841	467953	AR

BRAKE

12 1/4 X 7 1/2

R40TL R40TD R60TL3 R60TD3

S/N 18001 THRU 18472



REF NO	PART NO	NAME OF PART	QTY
1	434473	BRACKET	2
2		PLATE-SIDE	4
3	434475	BUSHING	2
4	490985	BUSHING	2
5	18462	CAPSCREW	8
6	15154	LOCKWASHER	8
7	15054	NUT	8
8	400011	FITTING-GREASE	2
9	16397	CAPSCREW	16
10	15158	LOCKWASHER	16
11	15008	NUT	16
12	441633	BRAKE-RH	1
13	441634	BRAKE-LH	1
14	440763	CAMSHAFT-RH	1
15	440764	CAMSHAFT-LH	1
16	400343	SPIDER	2
17	431540	BUSHING/SEAL	2
	429182	SEAL-SPIDER	4
	400011	FITTING-GREASE	2
	400360	WASHER	2

REF NO	PART NO	NAME OF PART	QTY
18	400475	WASHER	2
19	58931	RING-SNAP	4
20	400355	SPRING-RETRACT	4
21	400354	PIN-ANCHOR	4
22	177951	LOCKWASHER	4
23	15032	NUT-JAM	4
24	400356	LI-ANCHOR PIN	2
25	400357	RETAINER	4
26	419305	SHOE-BRAKE	4
27	400350	BUSHING	4
28	400352	SHAFT	4
29	400351	ROLLER-CAM	4
30	400353	SCREW	4
31	419304	LINING-BRAKE	8
32	400005	SCREW	32
33	15156	LOCKWASHER	32
34	15008	NUT-HEX	32

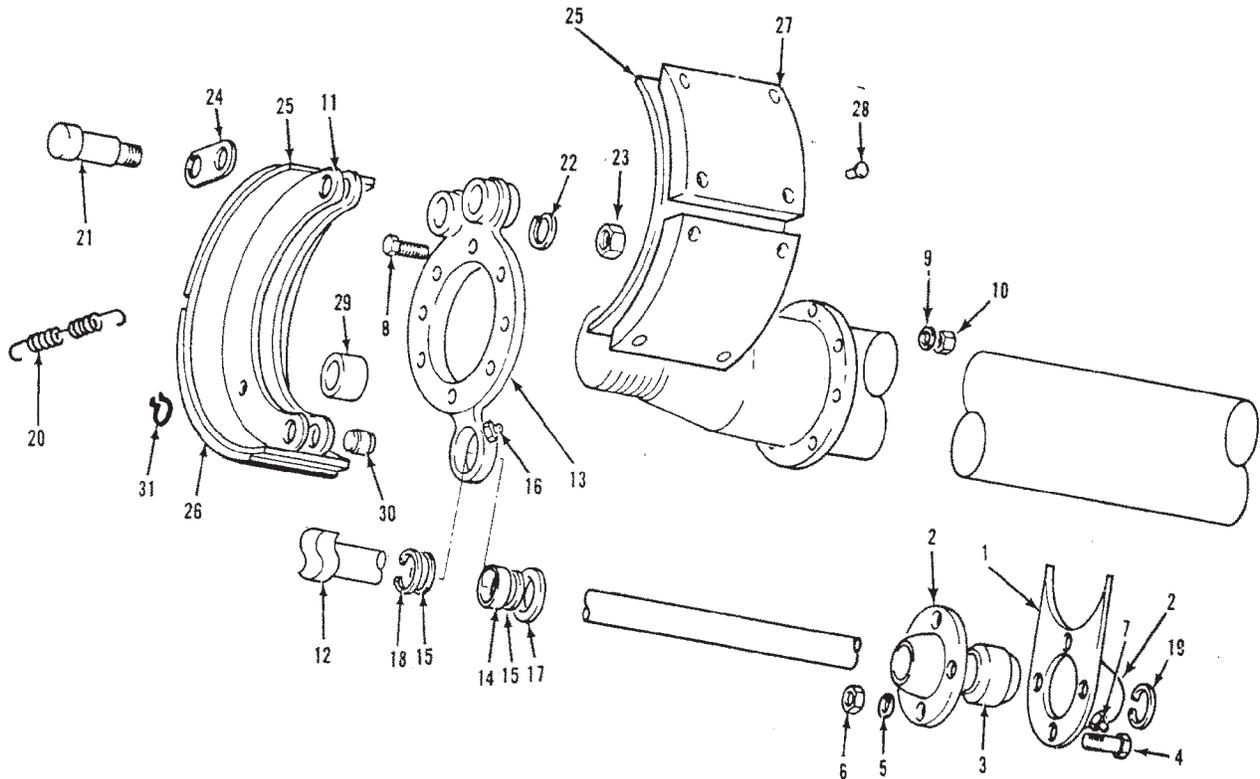
NOTE: THIS BRAKE HAS CAST SHOES WITH BOLT ON LINING AND SPIDERS

BRAKE

12 1/4 X 7 1/2

R40TL R40TD R60TL3 R60TD3

S/N 18473 THRU 20195



REF NO	PART NO	NAME OF PART	QTY
1	434473	BRACKET	2
2	.....	PLATE-SIDE	4
3	434475	BUSHING	2
3	460985	BUSHING	2
4	18462	CAPSCREW	8
5	15154	LOCKWASHER	8
6	15054	NUT	8
7	400011	FITTING-GREASE	2
8	16397	CAPSCREW	16
9	15158	LOCKWASHER	16
10	15008	NUT	16
11	443446	BRAKE-RH	1
11	443447	BRAKE-LH	1
12	440763	CAMSHAFT-RH	1
12	440764	CAMSHAFT-LH	1
13	400343	SPIDER	2
14	431540	BUSHING/SEAL	2
15	429182	SEAL-SPIDER	4
16	400011	FITTING-GREASE	2

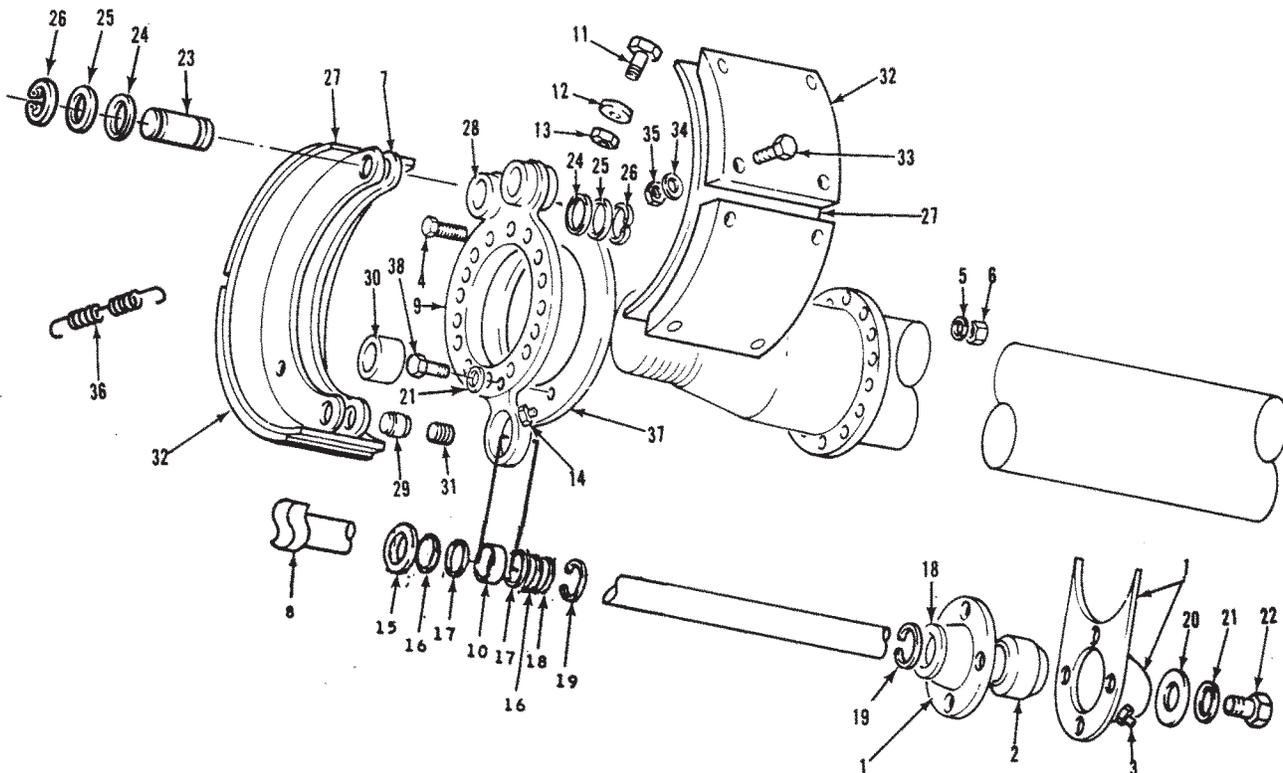
REF NO	PART NO	NAME OF PART	QTY
17	400360	WASHER	2
18	400475	WASHER	2
19	58931	RING-SNAP	4
20	442831	SPRING	4
21	442832	PIN	4
22	177951	LOCKWASHER	4
23	15032	NUT-JAM	4
24	444290	LINK	2
25	442833	SHOE/LINING	4
26	445643	SHOE-BRAKE	4
27	445644	SET-LINING	1
28	422798	RIVET	96
29	444288	ROLLER-CAM	4
30	444337	PIN	4
31	444289	RETAINER	4

NOTE: THIS BRAKE HAS FABRICATED SHOES WITH RIVETED LINING AND BOLT ON SPIDERS

BRAKE

16 1/2 X 6

R15SL R15SD R20TL R20TD R25TL R25TD R35TL
R35TD R35TL3 R35TD3 R40TL3 R40TD3 R50TL3 R50TD3
10000 THRU S/N 11574



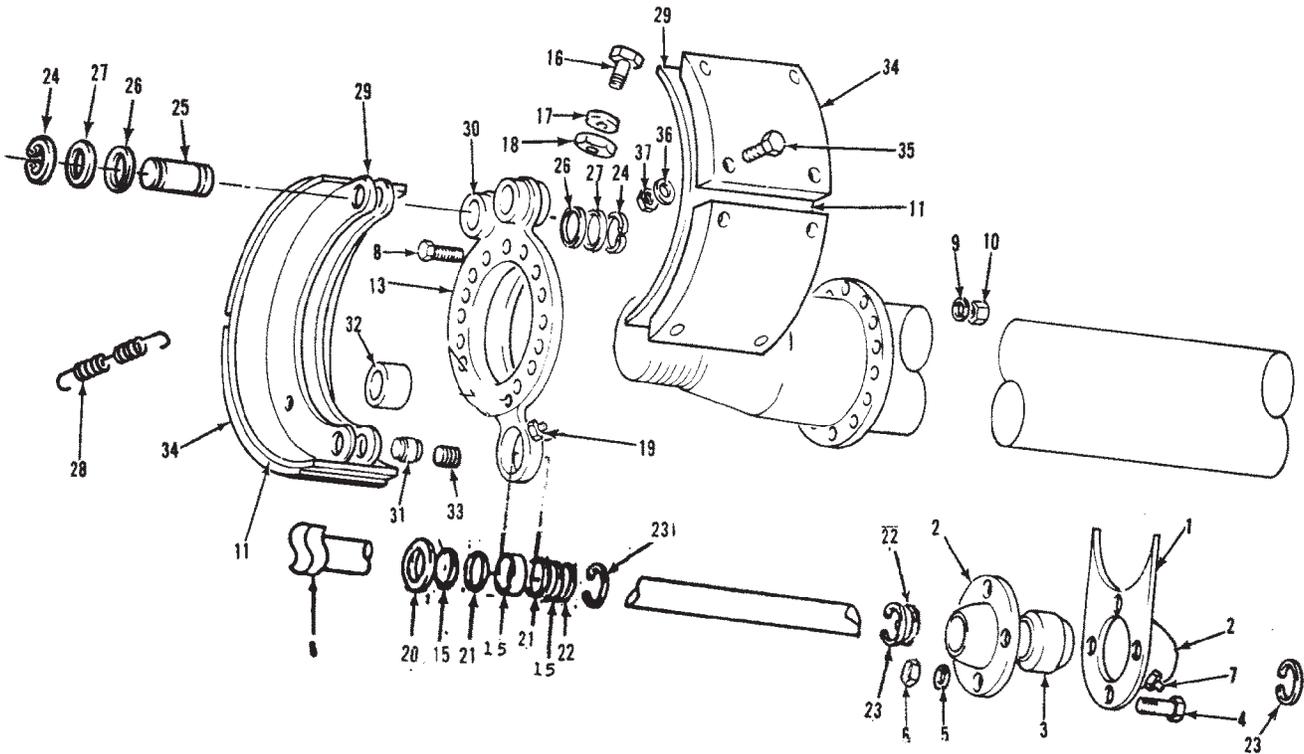
REF NO	PART NO	NAME OF PART	QTY
1	400453	BRACKET	2
1	.....	BRACKET	2
2	400393	BUSHING	2
3	400011	FITTING-GREASE	2
4	16397	CAPSCREW	32
5	15158	LOCKWASHER	32
6	15008	NUT	32
7	+ 400455	BRAKE-RH	1
7	+ 400457	BRAKE-LH	1
8	400474	CAMSHAFT-RH	1
8	400478	CAMSHAFT-LH	1
9	400458	SPIDER	2
10	400460	BUSHING	2
11	16824	CAPSCREW	2
12	15924	LOCKWASHER	2
13	400462	NUT	2
14	400011	FITTING-GREASE	2
15	400045	WASHER	2
16	400476	SEAL	4
17	400475	WASHER	4
18	400044	WASHER	4

REF NO	PART NO	NAME OF PART	QTY
19	58931	RING-SNAP	4
20	400363	WASHER	2
21	15155	LOCKWASHER	14
22	15553	CAPSCREW	2
23	400467	PIN-ANCHOR	4
24	400469	SEAL	8
25	400470	WASHER	8
26	400471	RING-SNAP	8
27	400463	SHOE-BRAKE	4
27	400464	SHOE-BRAKE	4
28	400466	BUSHING	8
29	400352	SHAFT	4
30	400351	ROLLER-CAM	4
31	400353	SCREW	4
32	401909	LINING-BRAKE	8
33	400005	SCREW	32
34	15156	LOCKWASHER	32
35	15006	NUT-HEX	32
36	400468	SPRING	2
37	402656	SHIELD-DUST	2
38	16394	CAPSCREW	12

BRAKE

16 1/2 X 6

R15SL R15SD R20TL R20TD R25TL R25TD R35TL
R35TD R35TL3 R35TD3 R40TL3 R40TD3 R50TL3 R50TD3
S/N 16350 THRU 17597



REF NO	PART NO	NAME OF PART	QTY
1	435095	BRACKET	2
2		PLATE SIDE	4
3	434475	BUSHING	2
3	460985	BUSHING	2
4	18462	CAPSCREW	8
5	15154	LOCKWASHER	8
6	15054	NUT	8
7	400011	FITTING-GREASE	2
8	16397	CAPSCREW	32
9	15158	LOCKWASHER	32
10	15008	NUT	32
11	402657	BRAKE-RH	1
11	402658	BRAKE-LH	1
12	417795	CAMSHAFT-RH	1
12	417796	CAMSHAFT-LH	1
13	400458	SPIDER	2
14	429872	KIT-BUSH/SEAL	2
15	400476	SEAL	4
15	400460	BUSHING	4
16	16824	CAPSCREW	2
17	15924	LOCKWASHER	2

REF NO	PART NO	NAME OF PART	QTY
18	400462	NUT	2
19	400011	FITTING-GREASE	2
20	400045	WASHER	2
21	400475	WASHER	4
22	400044	WASHER	2
23	58931	RING-SNAP	4
24	400471	RING-SNAP	8
25	400467	PIN-ANCHOR	4
26	400469	SEAL	8
27	400470	WASHER	8
28	400468	SPRING	2
29	400463	SHOE-BRAKE	4
29	400464	SHOE-BRAKE	4
30	400466	BUSHING	8
31	400352	SHAFT	4
32	400351	ROLLER-CAM	4
33	400353	SCREW	4
34	401909	LINING-BRAKE	8
35	400005	SCREW	32
36	15156	LOCKWASHER	32
37	15006	NUT-HEX	32

BRAKE

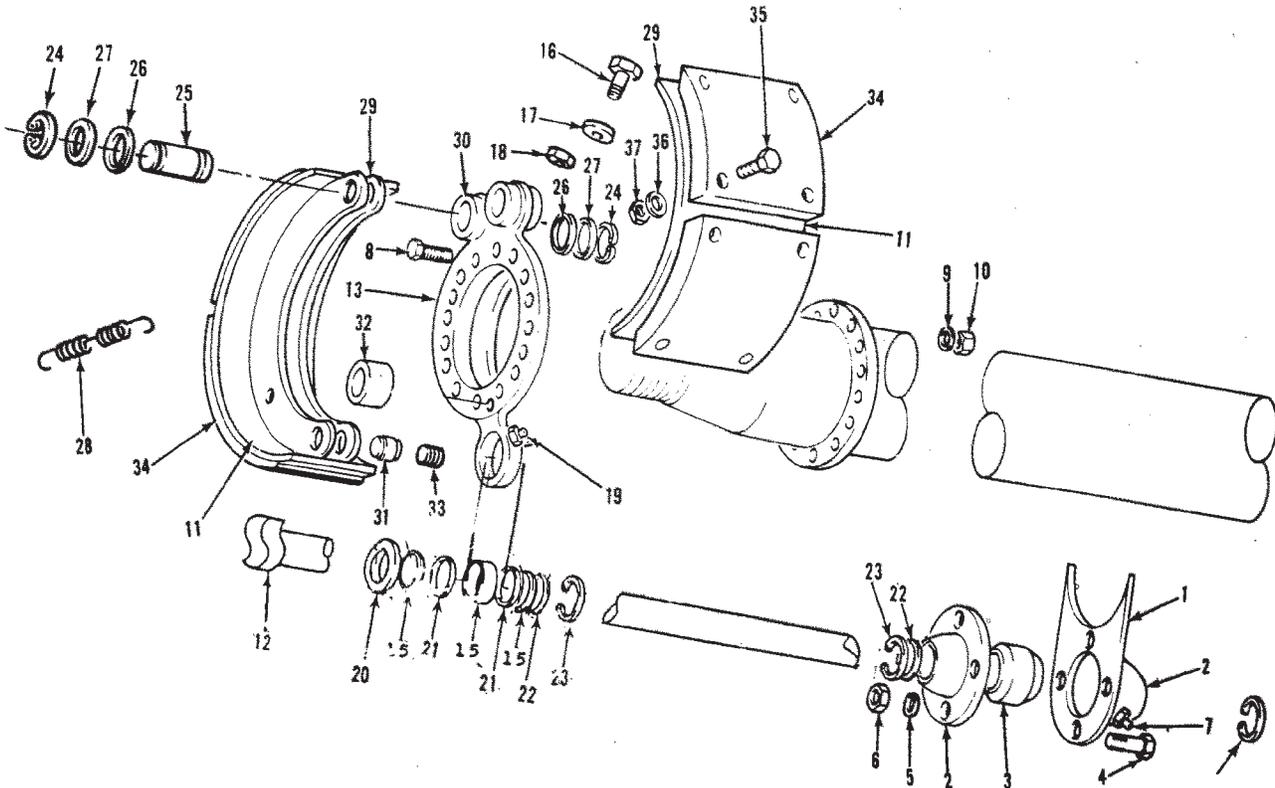
16 1/2 X 7

R15SL R15SD R20TL R20TD R25TL R25TD R35TL
R35TD R35TL3 R35TD3 R40TL3 R40TD3 R50TL3 R50TD3

S/N 17598 THRU 20195

R40TL R40TD R60TL3 R60TD3

S/N 16350 THRU 20195



REF NO	PART NO	NAME OF PART	QTY
1	435095	BRACKET	2
2	.....	PLATE-SIDE	4
3	434475	BUSHING	2
3	460985	BUSHING	2
4	18462	CAPSCREW	8
5	15154	LOCKWASHER	8
6	15054	NUT	8
7	400011	FITTING-GREASE	2
8	16397	CAPSCREW	32
9	15158	LOCKWASHER	32
10	15008	NUT	32
11	400698	BRAKE-RH	1
11	400705	BRAKE-LH	1
12	417795	CAMSHAFT-RH	1
12	417796	CAMSHAFT-LH	1
13	400458	SPIDER	2
14	429872	KIT-BUSH/SEAL	2
15	400476	SEAL	4
15	400460	BUSHING	4
16	16824	CAPSCREW	2
17	15924	LOCKWASHER	2
18	400462	NUT	2
19	400011	FITTING-GREASE	2
20	400045	WASHER	2

REF NO	PART NO	NAME OF PART	QTY
20	400045	WASHER	2
21	400475	WASHER	4
22	400044	WASHER	2
23	58931	RING-SNAP	4
24	400471	RING-SNAP	8
25	400467	PIN-ANCHOR	4
26	400469	SEAL	8
27	400470	WASHER	8
28	400468	SPRING	2
29	400700	SHOE-BRAKE	4
29	400702	SHOE-BRAKE	4
30	400466	BUSHING	8
31	400352	SHAFT	4
32	400351	ROLLER-CAM	4
33	400353	SCREW	4
34	401912	LINING-BRAKE	8
35	400005	SCREW	32
36	15158	LOCKWASHER	32
37	15006	NUT-HEX	32

NOTE: THIS BRAKE HAS GAST SHOES WITH BOLT ON LINING AND SPIDERS

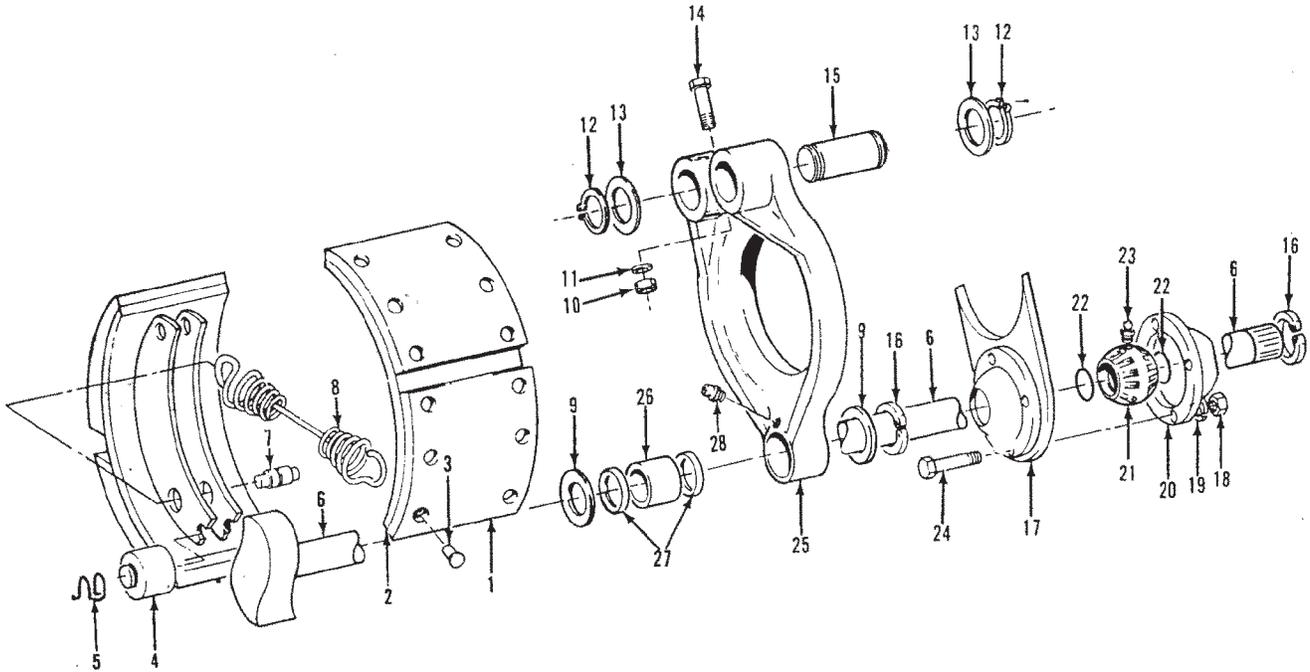
BRAKE

16 1/2 X 7

R15SL R15SD R20TL R20TD R25TL R25TD

R35TL R35TD R35TL3 R35TD3 R40TL3

R40TD3 R50TL3 R50TD3 - S/N 20196 THRU 24060



REF NO	PART NO	NAME OF PART	QTY
1	445515	BRAKE-RH	AR
1	445516	BRAKE-LH	AR
2	444461	SHOE/LINING	2
2	445645	SHOE-BRAKE	2
2	445646	SET-LINING	1
3	422798	RIVET	48
4	444452	ROLLER-CAM	2
5	444453	RETAINER-ROLLER	2
6	417795	CAMSHAFT-RH	1
6	417796	CAMSHAFT-LH	1
7	444285	PIN-SPRING	2
8	444458	SPRING-RETRACT	1
9	445389	WASHER	2
10	400462	NUT	1
11	15924	LOCKWASHER	1
12	444456	RING-SNAP	4
13	444455	WASHER	4
14	16824	CAPSCREW	1
15	444454	PIN-ANCHOR	2

REF NO	PART NO	NAME OF PART	QTY
16	58931	RING-SNAP	2
17	435095	BRACKET	1
18	15054	NUT	4
19	15154	LOCKWASHER	4
20	.....	PLATE-SIDE	2
21	460985	BUSHING	1
21	.....	BUSHING	1
22	55287	O-RING	1
23	16041	FITTING-GREASE	1
24	18462	CAPSCREW	8
25	445385	SPIDER	1
26	431540	BUSHING/SEAL	1
27	429182	SEAL-SPIDER	2
28	16022	FITTING-GREASE	1

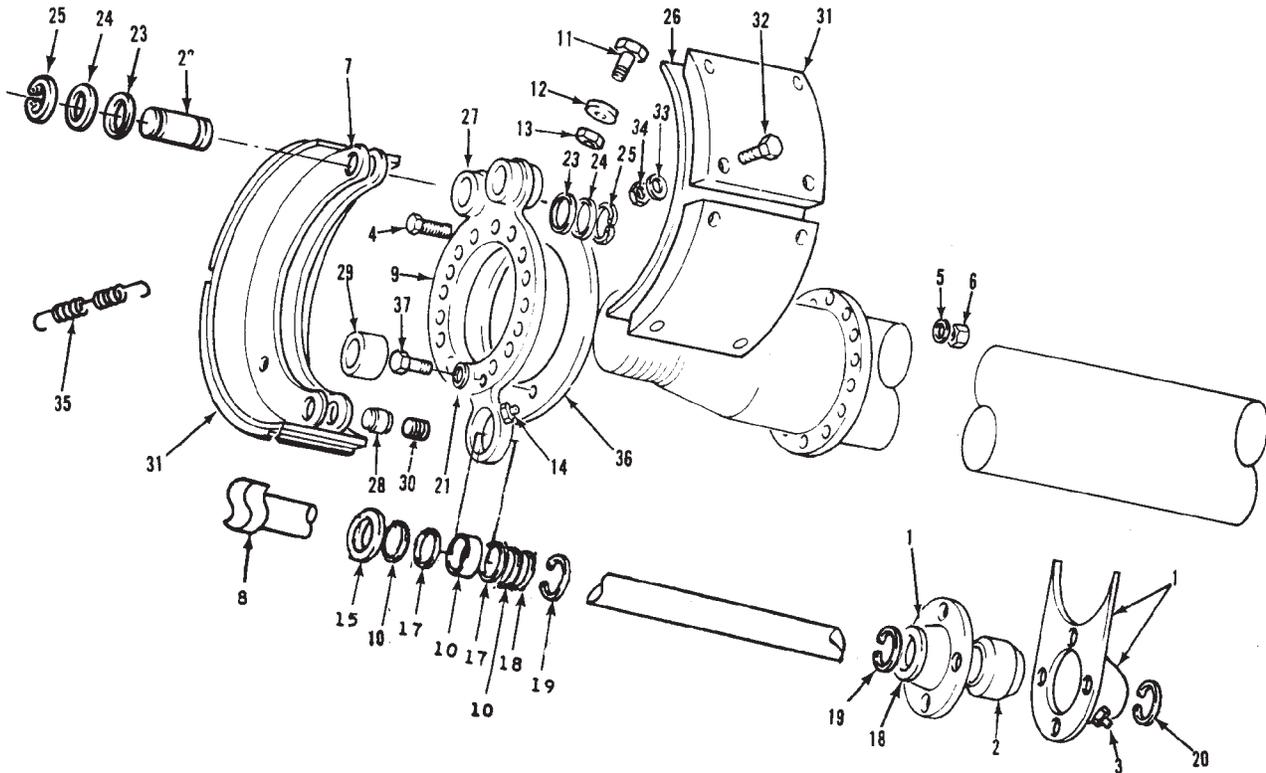
* ONE KIT DOES TWO BRAKES
 NOTE: THIS BRAKE HAS FABRICATED SHOES WITH RIVETED LININGS AND WELD ON SPIDERS

BRAKE

16 1/2 X 7

R40TL R40TD R60TL3 R60TD3

10000 THRU S/N 16349



REF NO	PART NO	NAME OF PART	QTY
1	400453	BRACKET	2
1		BRACKET	2
2	400393	BUSHING	2
3	400011	FITTING-GREASE	2
4	16397	CAPSCREW	32
5	15158	LOCKWASHER	32
6	15008	NUT	32
7	400698	BRAKE-RH	1
7	400705	BRAKE-LH	1
8	417795	CAMSHAFT-RH	1
8	417796	CAMSHAFT-LH	1
9	400458	SPIDER	2
10	429872	KIT-BUSH/SEAL	2
10	400476	SEAL	4
10	400460	BUSHING	2
11	16824	CAPSCREW	2
12	15924	LOCKWASHER	2
13	400462	NUT	2
14	400011	FITTING-GREASE	2
15	400045	WASHER	2
16			
17	400475	WASHER	4
18	400044	WASHER	4
19	58931	RING-SNAP	4
20	58931	RING-SNAP	2

REF NO	PART NO	NAME OF PART	QTY
21	15155	LOCKWASHER	12
22	400467	PIN-ANCHOR	4
23	400469	SEAL	8
24	400470	WASHER	8
25	400471	RING-SNAP	8
26	400700	SHOE-BRAKE	4
26	400702	SHOE-BRAKE	4
27	400466	BUSHING	8
28	400352	SHAFT	4
29	400351	ROLLER-CAM	4
30	400353	SCREW	4
31	401912	LINING-BRAKE	8
32	400005	SCREW	32
33	15156	LOCKWASHER	32
34	15006	NUT-HEX	32
35	400468	SPRING	2
36	402656	SHIELD-DUST	2
37	16384	CAPSCREW	12

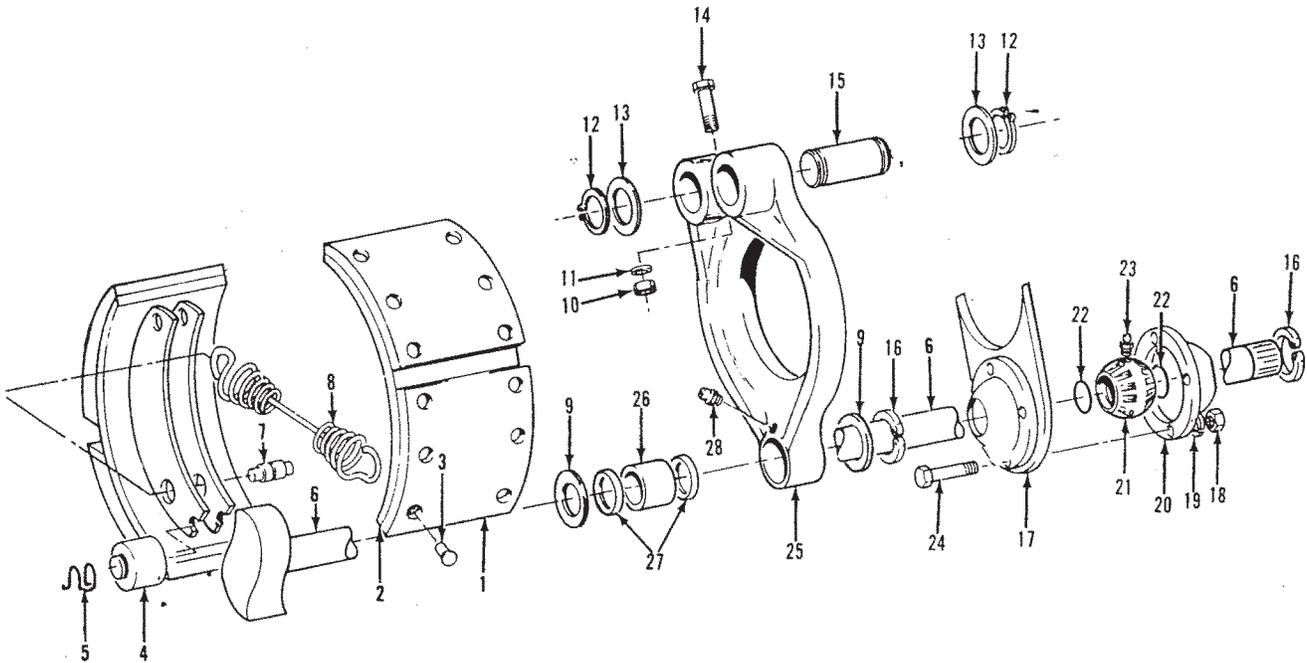
*TRAILERS PRIOR TO S/N 13950 MAY REQUIRE 400363 WASHER 15155 LOCK WASHER AND 15553 CAPSCREW IN PLACE OF 58931 SNAP RING PLEASE SPECIFY

BRAKE

16 1/2 X 7

R40TL R40TD

S/N 20196 THRU 24060



REF NO	PART NO	NAME OF PART	QTY
1	445513	BRAKE-RH	AR
1	445514	BRAKE-LH	AR
2	444461	SHOE/LINING	2
2	445645	SHOE-BRAKE	2
2	445646	SET-LINING	1
3	422798	RIVET	48
4	444452	ROLLER-CAM	2
5	444453	RETAINER-ROLLER	2
6	427199	CAMSHAFT-RH	1
6	427200	CAMSHAFT-LH	1
7	444285	PIN-SPRING	2
8	444458	SPRING-RETRACT	1
9	445389	WASHER	2
10	400462	NUT	1
11	15924	LOCKWASHER	1
12	444456	RING-SNAP	4
13	444455	WASHER	4
14	16824	CAPSCREW	1
15	444454	PIN-ANCHOR	2

REF NO	PART NO	NAME OF PART	QTY
16	58931	RING-SNAP	2
17	435095	BRACKET	1
18	15054	NUT	4
19	15154	LOCKWASHER	4
20	.....	PLATE-SIDE	2
21	460985	BUSHING	1
21	.....	BUSHING	1
22	55287	O-RING	2
23	16041	FITTING-GREASE	1
24	18462	CAPSCREW	4
25	445385	SPIDER	1
26	431540	BUSHING/SEAL	1
27	429182	SEAL-SPIDER	2
28	16022	FITTING-GREASE	1

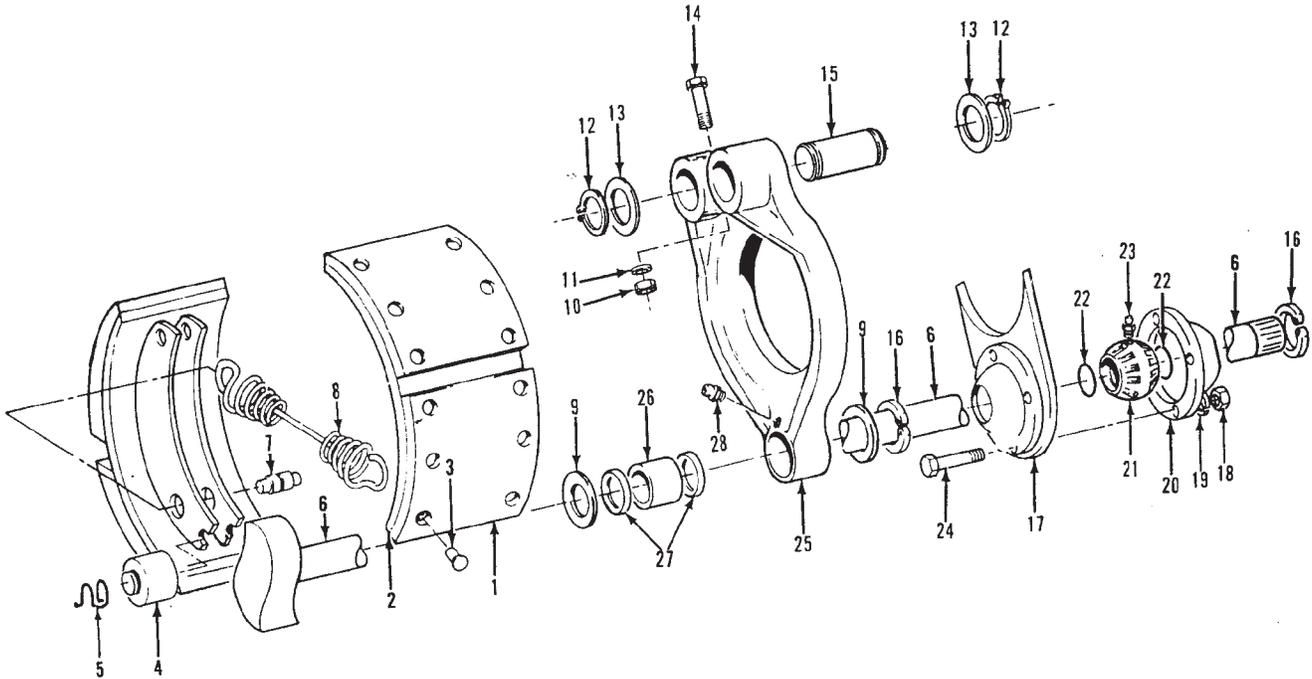
* ONE KIT DOES TWO BRAKES
 NOTE: THIS BRAKE HAS FABRICATED SHOES WITH RIVETED LININGS AND WELD ON SPIDERS

BRAKE

16 1/2 X 7

R60TL3 R60TD3

S/N 20196 THRU 24060



REF NO	PART NO	NAME OF PART	QTY
1	445521	BRAKE-RH	AR
1	445522	BRAKE-LH	AR
2	444461	SHOE/LINING	2
2	445645	SHOE-BRAKE	2
2	445646	SET-LINING	1
3	422798	Rivet	48
4	444452	ROLLER-CAN	2
5	144453	RETAINER-ROLLER	2
6	145379	CAMSHAFT-RH	1
6	445380	CAMSHAFT-LH	1
7	444285	PIN-SPRING	2
8	444458	SPRING-RETRACT	1
9	445389	WASHER	2
10	400462	NUT	1
11	15924	LOCKWASHER	1
12	444456	RING-SNAP	4
13	444455	WASHER	4
14	16824	CAPSCREW	1
15	444454	PIN-ANCHOR	2

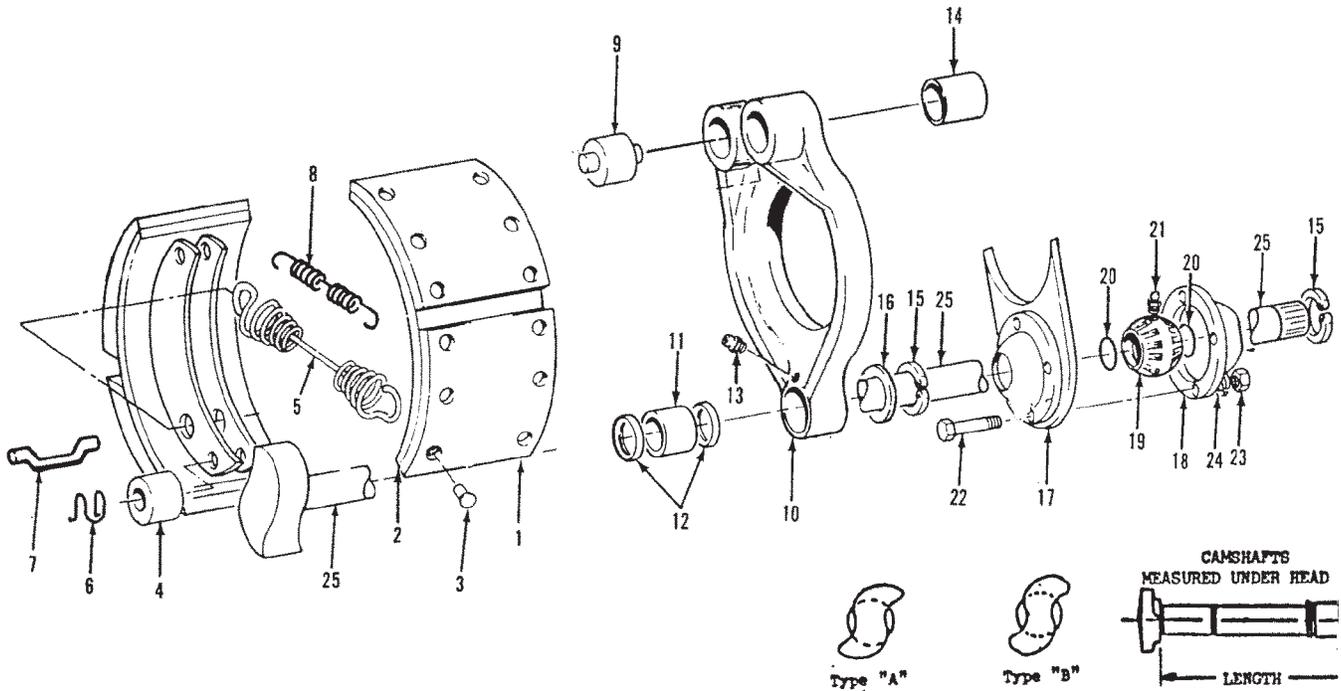
REF NO	PART NO	NAME OF PART	QTY
16	58931	RING-SNAP	2
17	435095	BRACKET	1
18	15054	NUT	4
19	15154	LOCKWASHER	4
20	.....	PLATE-SIDE	2
21	460985	BUSHING	1
21	.....	BUSHING	1
22	55287	O-RING	1
23	16041	FITTING-GREASE	1
24	18462	CAPSCREW	4
25	445385	SPIDER	1
26	431540	BUSHING/SEAL	1
27	429182	SEAL-SPIDER	2
28	16022	FITTING-GREASE	1

* ONE KIT DOES TWO BRAKES
 NOTE: THIS BRAKE HAS FABRICATED SHOES WITH RIVETED LININGS AND WELD ON SPIDERS

BRAKE

16 1/2 X 7

ALL AFTER S/N 24060



REF NO	PART NO	NAME OF PART	QTY
1	462945	BRAKE 16-1/2X7	1
2	465914	SHOE & LINING	2
2	465915	BRAKE SHOE	2
2	445646	SET-LINING	2
3	422798	RIVET	48
4	444452	ROLLER-CAM	2
5	444458	SPRING-RETRACT	1
6	465916	SPRING-BRK ROLL	2
7	465917	PIN-RET SPRING	2
8	465918	SPRING-BRK RET	2
9	465919	PIN-ANCHOR	2
10	465795	SPIDER	1
11	400460	BUSHING	1
12	429182	SEAL-SPIDER	2
13	16009	FITTING-GREASE	1
14	465878	BUSHING	2
15	58931	RING-SNAP	2
16	465802	WASHER-CAM	1
17	462946	BRKT-CAMSHAFT	AR

REF NO	PART NO	NAME OF PART	QTY
18	.....	PLATE-SIDE	2
19	464584	BUSHING	1
20	15868	O-RING	2
21	13960	FITTING-GREASE	1
22	18496	CAPSCREW	3
23	15055	NUT	3
24	15155	LOCKWASHER	3
25	435095	BRACKET	AR
18	.....	PLATE-SIDE	2
19	460985	BUSHING	1
19	.....	BUSHING	1
20	55287	O-RING	2
21	16041	FITTING-GREASE	1
22	18462	CAPSCREW	4
23	15054	NUT	4
24	15154	LOCKWASHER	4

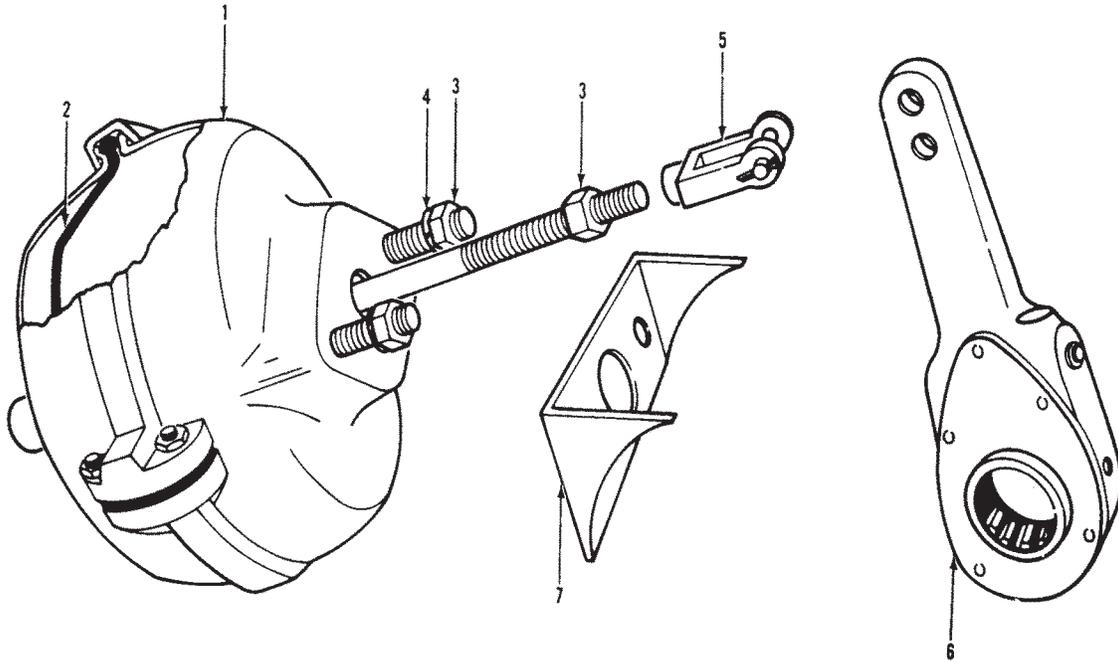
CAMSHAFT (REF NO 25)					
DIMENSION	P/N	QTY	DIMENSION	P/N	QTY
RH 17.875	467150	AR	LH 17.875	467151	AR
RH 20.250	464562	AR	LH 20.250	464563	AR
RH 21.312	463672	AR	LH 21.312	463673	AR
RH 22.812	466942	AR	LH 22.812	466943	AR
RH 23.375	462950	AR	LH 23.375	462951	AR
RH 23.750	462948	AR	LH 23.750	462949	AR
RH 25.000	463898	AR	LH 25.000	463899	AR
RH 26.500	464536	AR	LH 26.500	464537	AR
RH 29.000	468910	AR	LH 29.000	468911	AR
RH 30.500	466952	AR	LH 30.500	466953	AR

ACTUATOR

15 INCH WHEEL

R20TL R20TD R25TL R25TD A13 A15 AXLE

THRU S/N 17794



REF NO	PART NO	NAME OF PART	QTY
1	400555	CHAMBER-POWER	2
2	400556	DIAPHRAGM	2
3	15030	NUT-JAM	6
4	15160	LOCKWASHER	4
5	400339	YOKE	2
6	* 400454	ADJUSTER-SLACK	2

REF NO	PART NO	NAME OF PART	QTY
6	+ 400340	ADJUSTER-SLACK	2
7	* 434452	BRACKET	2
7	+ 400333	BRACKET	2

* STRAIGHT ARM SLACK ADJUSTER
+ CURVED ARM SLACK ADJUSTER

ACTUATOR-BRAKE

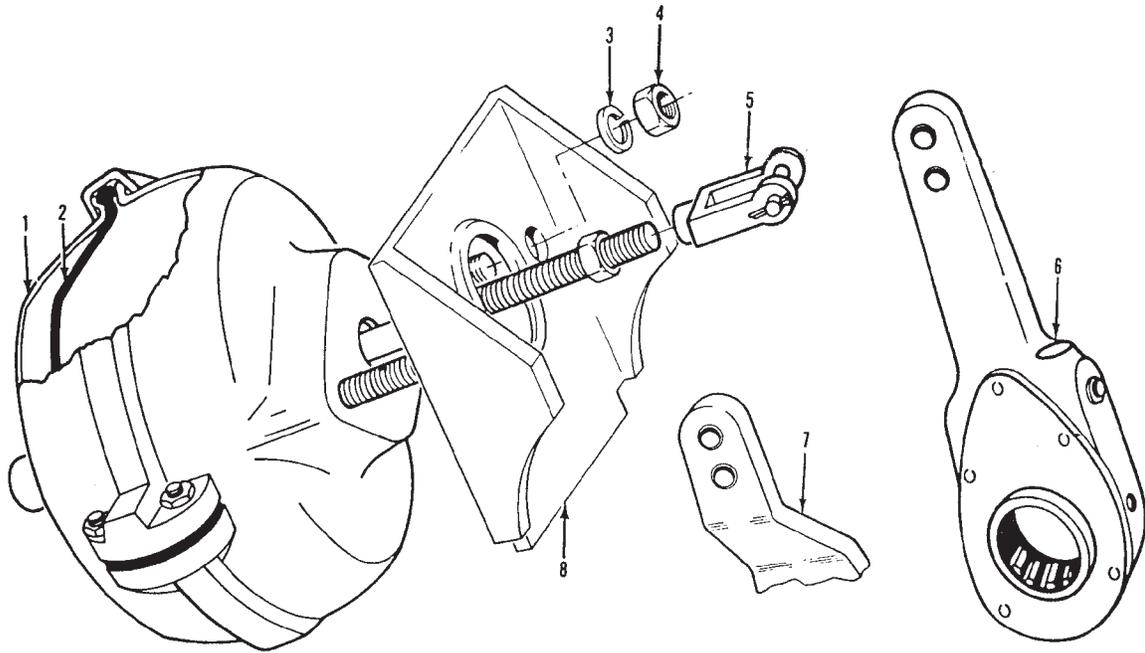
5 INCH DIAMETER AXLES WITH 12 1/4 INCH BRAKES

R20TL R20TD R25TL R25TD

S/N 17795 THRU 24060

R15SL R15SD R35TL R35TD R35TL3 R35TD3 R40TL R40TD R40TL3 R40TD3

R50TL3 R50TD3 R60TL3 R60TD3 - S/N 10000 THRU 24060



REF NO	PART NO	NAME OF PART	QTY
1	427323	CHAMBER-POWER	AR
2	316571	DIAPHRAGM	1
3	15160	LOCKWASHER	2
4	15030	NUT-JAM	3
5	400339	YOKE	1
6	+400454	ADJUSTER-SLACK	AR

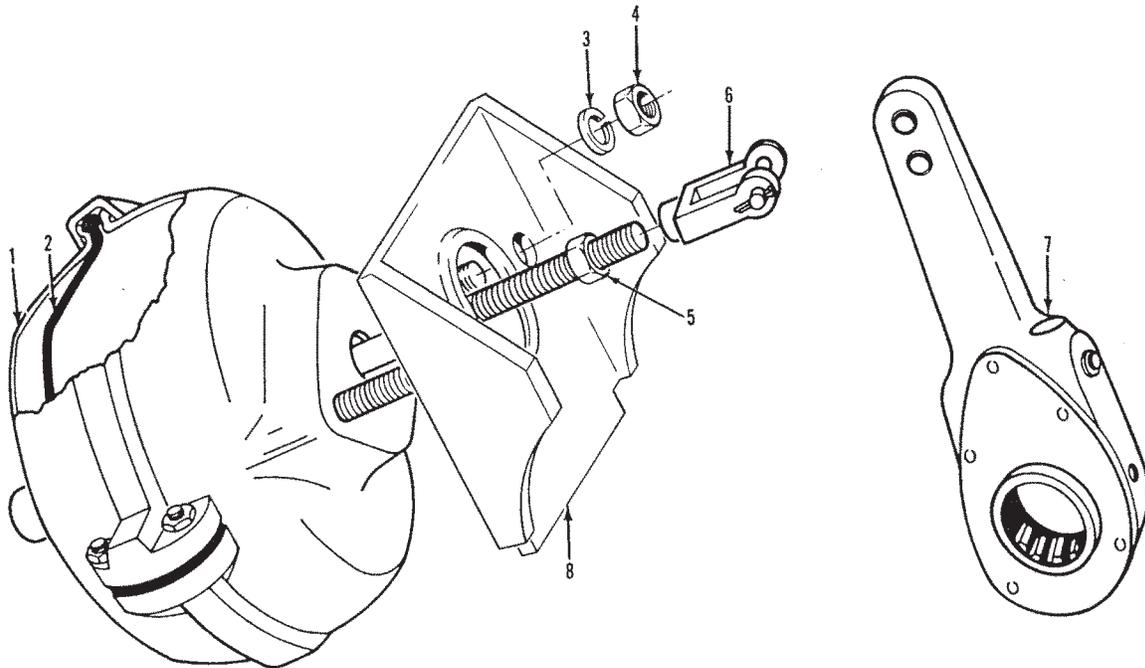
REF NO	PART NO	NAME OF PART	QTY
7	* 400340	ADJUSTER-SLACK	AR
8	+ 434452	BRACKET	AR
9	* 447265	BRACKET	AR

+ FOR STRAIGHT ARM SLACK ADJUSTERS
 * FOR CURVED ARM SLACK ADJUSTERS

ACTUATOR

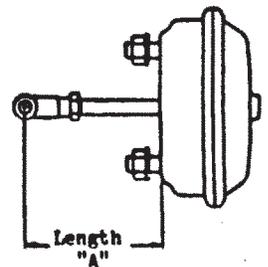
ALL R SERIES AFTER S/N 24060

FOR USE WITH 5" DIAMETER AXLE AND 12 1/4" BRAKES.



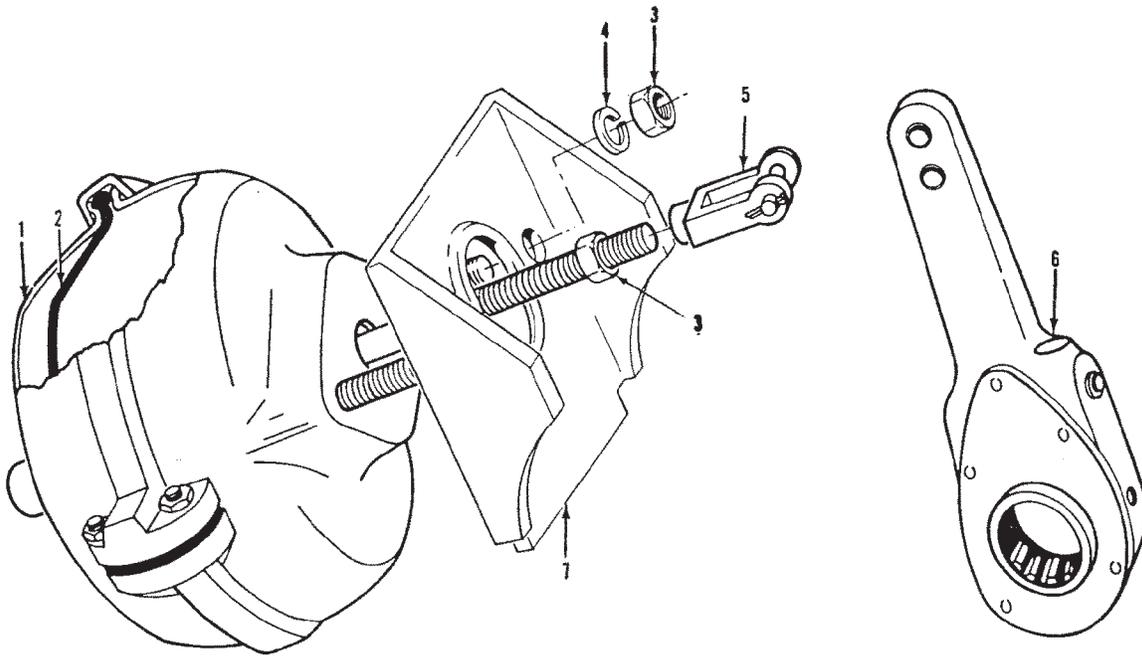
REF NO	PART NO	NAME OF PART	QTY
1	467849	AIR CHAMBER A-5.56	AR
1	462944	AIR CHAMBER A-6.00	AR
2	316571	DIAPHRAGM	1
3	15160	LOCKWASHER	2
4	15010	NUT	2

REF NO	PART NO	NAME OF PART	QTY
5	15030	NUT-JAM	1
6	400339	YOKE	1
7	462943	SLACK ADJUSTER	1
8	462934	BRKT-AIR CHAMB	1



ACTUATOR

R20TL R20TD R25TL R25TD A15 AXLE
THRU S/N 16000



REF NO	PART NO	NAME OF PART	QTY
1	400647	CHAMBER-POWER	2
2	400556	DIAPHRAGM	2
3	15030	NUT-JAM	6
4	15160	LOCKWASHER	4

REF NO	PART NO	NAME OF PART	QTY
5	400339	YOKE	2
6	400454	ADJUSTER-SLACK	2
7	400333	BRACKET	2

ACTUATOR-BRAKE

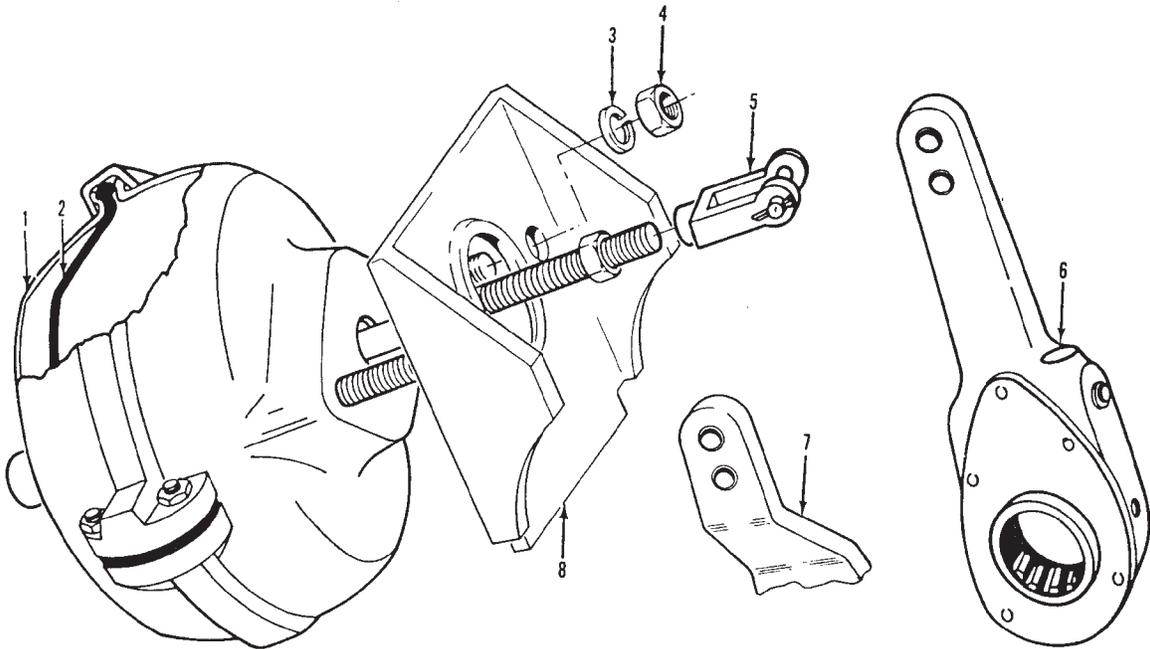
5 INCH DIAMETER AXLES WITH 16 1/2 INCH BRAKES

R20TL R20TD R25TL R25TD

S/N 16001 THRU 24060

R15SL R15SD R35TL R35TD R35TL3 R35TD3 R40TL R40TD R40TL3 R40TD3

R50TL3 R50TD3 R60TL3 R60TD3 - S/N 10000 THRU 24060



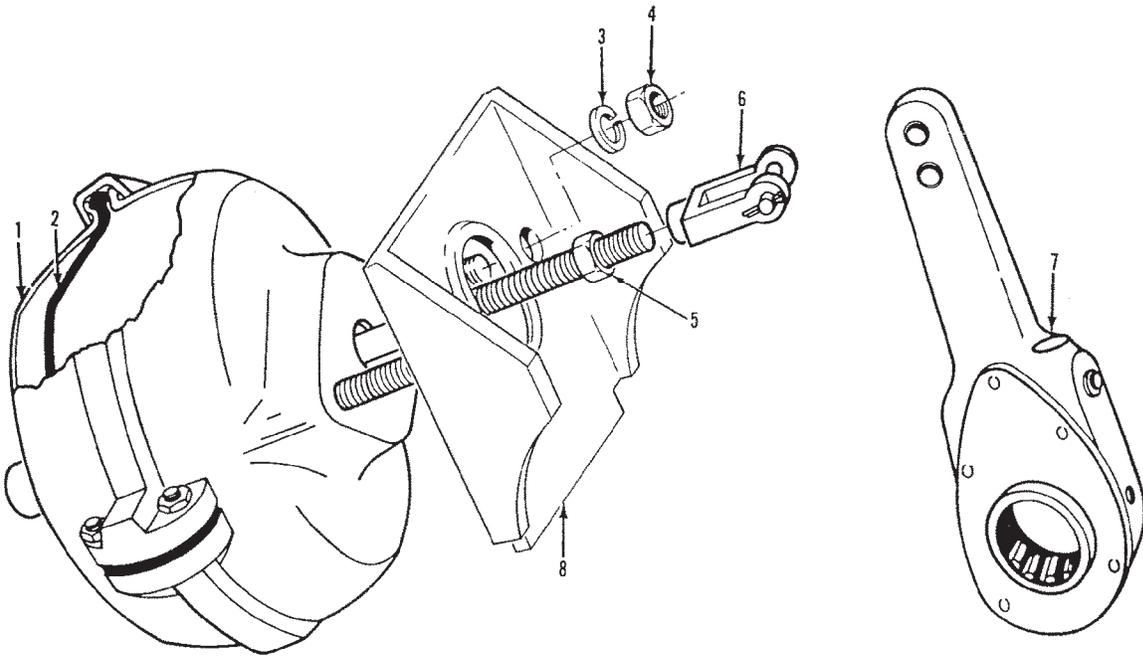
REF NO	PART NO	NAME OF PART	QTY
1	402076	CHAMBER-POWER	2
2	316571	DIAPHRAGM	2
3	15160	LOCKWASHER	4
4	15030	NUT-JAM	6
5	400339	YOKE	2
6	+ 400454	ADJUSTER-SLACK	2

REF NO	PART NO	NAME OF PART	QTY
7	* 445381	ADJ-SLACK LH	1
7	* 445382	ADJ-SLACK RH	1
8	447265	BRACKET	2
		+ 35 40 AND 50 TON CAPACITY	
		* 60 TON CAPACITY	

ACTUATOR

ALL R SERIES AFTER S/N 24060

FOR USE WITH 5" DIAMETER AXLE AND 10½" BRAKES



REF NO	PART NO	NAME OF PART	QTY
1	462953	AIR CHAMBER	AR
1	* 460044	POWER CHAMBER	AR
1	# 437318	AIR CHAMBER	AR
2	316571	DIAPHRAGM	1
3	15160	LOCKWASHER	2
4	15010	NUT	2
5	15030	NUT-JAM	1

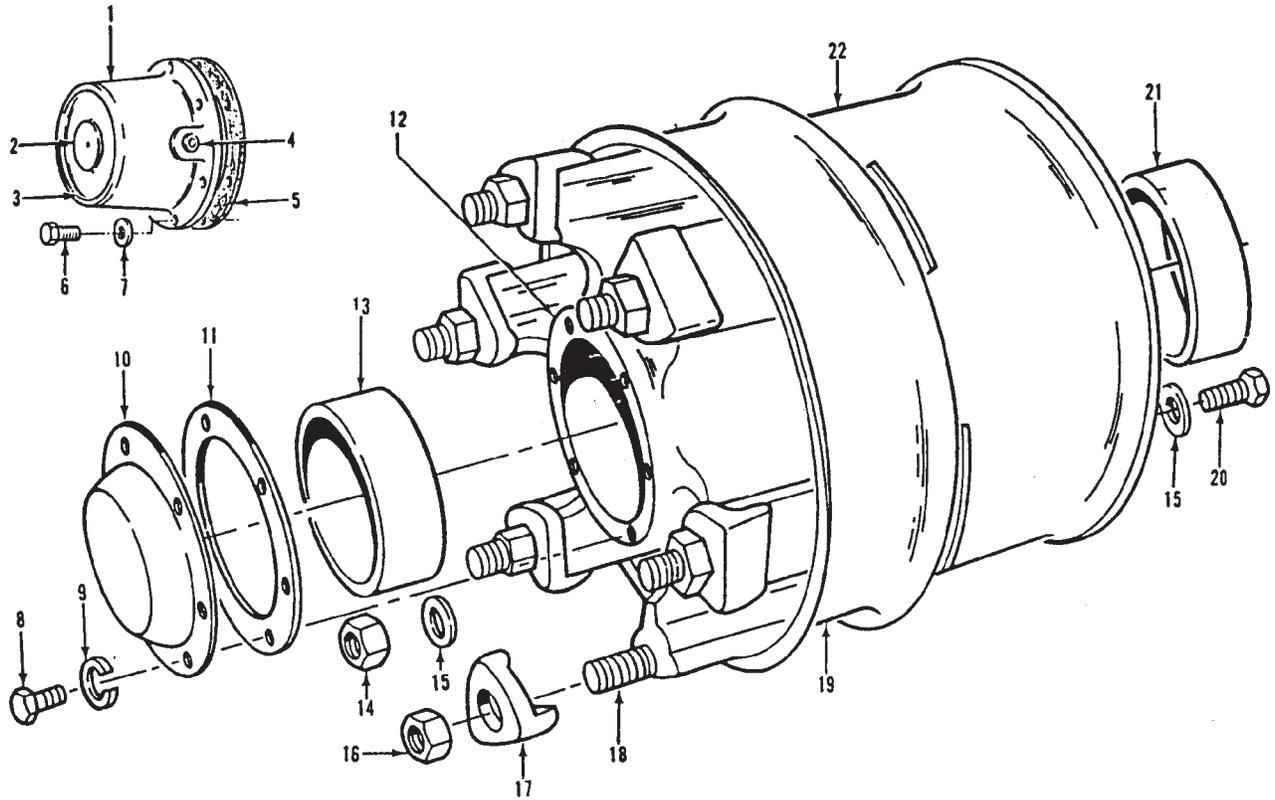
REF NO	PART NO	NAME OF PART	QTY
6	400339	YOKE	1
7	462952	SLACK ADJUSTER	1
8	462934	BRKT-AIR CHAMB	1

* ANCHORLOK SPRING BRAKE
BERG SHUR BRAKE

Wheel/Hub/Drum

WHEEL-ALL UNITS.....	2C03
HUB/DRUM-ALL UNITS.....	2C04

WHEEL

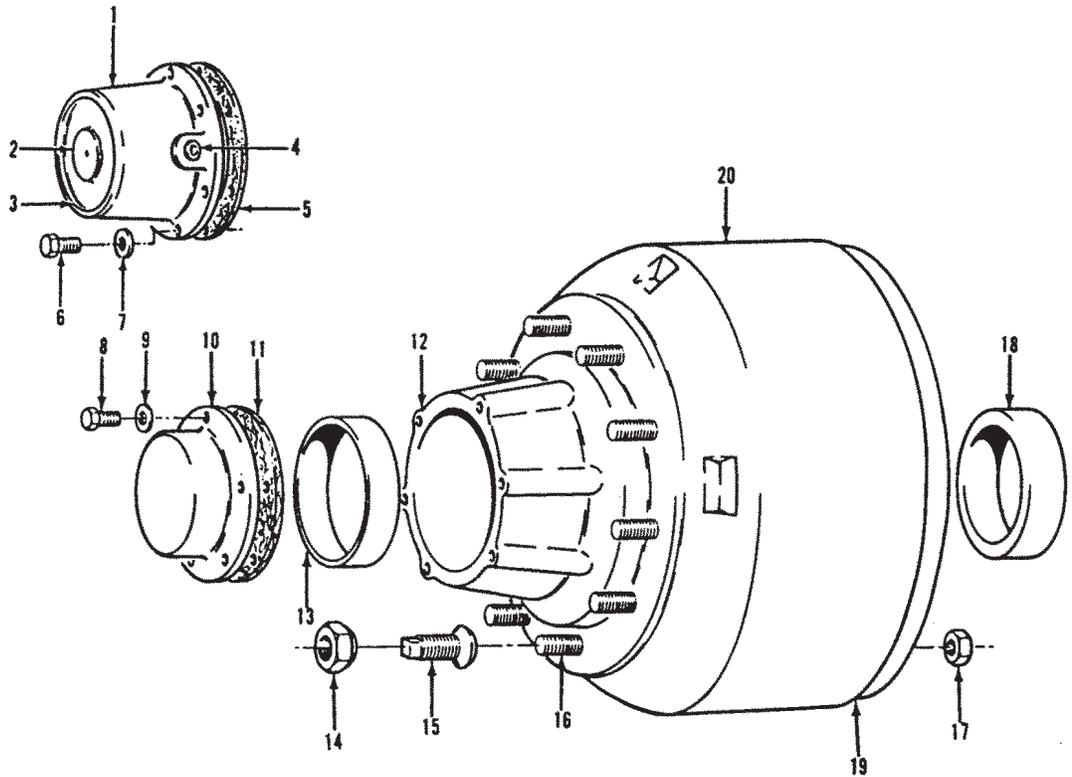


REF NO	PART NO	NAME OF PART	QTY
1 *	CAP-HUB-OIL	AR
2 *	KIT-WINDOW	AR
2 *	WINDOW	AR
2 *	GASKET	AR
2 *	PLUG-VENT	AR
3 *	SET-SCREW	AR
4 *	PLUG	AR
5 *	GASKET	AR
6 *	CAPSCREW	AR
7 *	LOCKWASHER	AR
8 *	CAPSCREW	AR
9 *	LOCKWASHER	AR
10 *	CAP-HUB-GREASE	AR
11 *	GASKET-GREASE	AR
12 *	WHEEL-COMPLETE	AR

REF NO	PART NO	NAME OF PART	QTY
12 *	WHEEL-SERVICE	AR
12 *	SPIDER	AR
13 *	CUP-OUTER BRG	AR
14 *	NUT	AR
15 *	LOCKWASHER	AR
16 *	NUT	AR
17 *	CLAMP-RIM	AR
18 *	BOLT-RIM	AR
19 *	SPACER	AR
20 *	CAPSCREW	AR
21 *	CUP-INNER BRG	AR
22 *	DRUM-BRAKE	AR

* REFER TO SNIT LIST-WHEEL PARTS LIST

HUB/DRUM



REF NO	PART NO	NAME OF PART	QTY
1	*	CAP-HUB-OIL	AR
2	*	KIT-WINDOW	AR
2	*	WINDOW	AR
2	*	GASKET	AR
2	*	PLUG-VENT	AR
3	*	SET-SCREW	AR
4	*	PLUG	AR
5	*	GASKET	AR
6	*	CAPSCREW	AR
7	*	LOCKWASHER	AR
8	*	CAPSCREW	AR
9	*	LOCKWASHER	AR
10	*	CAP-HUB	AR
11	*	GASKET	AR

REF NO	PART NO	NAME OF PART	QTY
12	*	HUB/DRUM-LH/RH	AR
12	*	HUB	AR
12	*	HUB	AR
13	*	CUP-OUTER BRG	AR
14	*	NUT-OUTER	AR
15	*	NUT-INNER	AR
16	*	STUD-WHEEL	AR
17	*	NUT	AR
18	*	CUP-INNER BRG	AR
19	*	SLINGER-GREASE	AR
20	*	DRUM-BRAKE	AR

* REFER TO SNIT LIST-HUB AND DRUM PARTS LIST

Optional

BRACKETS-EXTENSION

THRU S/N 12526.....2D03

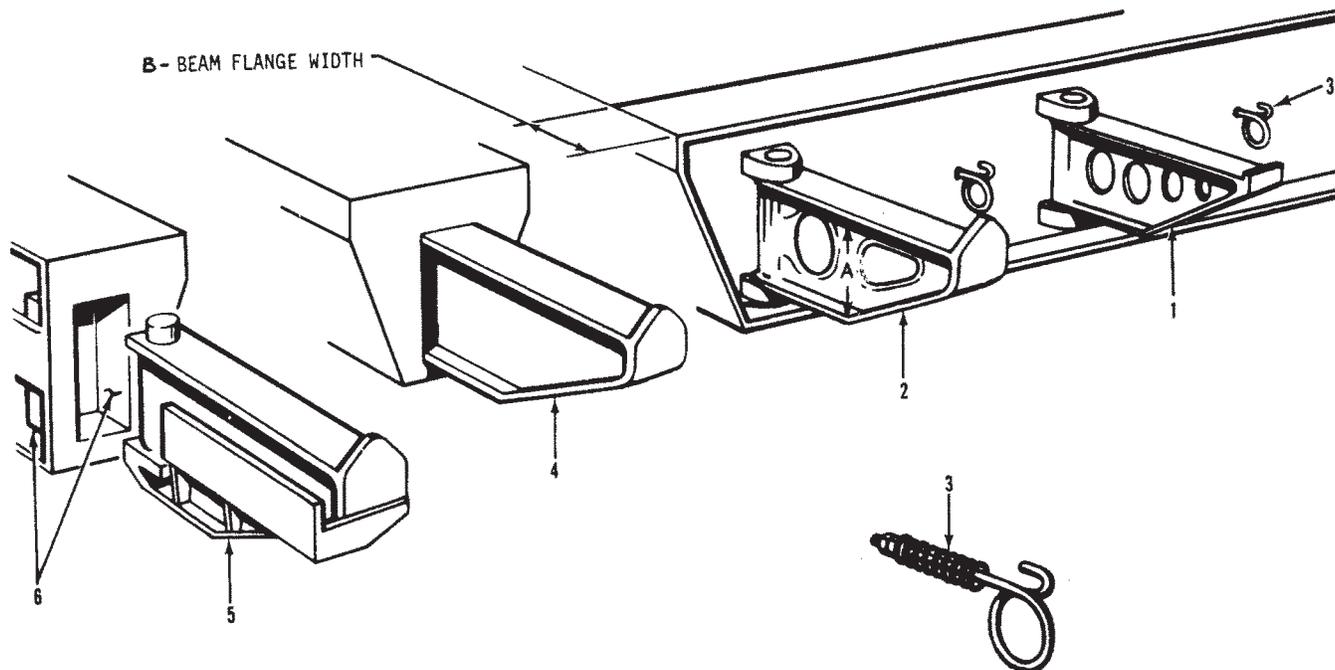
AFTER S/N 12526.....2D04



8

BRACKETS-EXTENSION

THRU S/N 12526



STANDARD SWING BRACKET			
PART NUMBER	DIMENSION A	DIEMENSION B	QTY
1#& 411644	4.5"	4 TO 5"	AR
1#% 411646	4.5"	6"	AR
1#% 411645	4.5"	6.5 TO 7"	AR
HEAVY DUTY BRACKET			
PART NUMBER	DIMENSION A	DIMENSION B	QTY
2#* 419874	6.75"	6.75 TO 8"	AR
3 411632	LOCK-PER BRACKET		1
REMOVABLE EXTENSION BRACKET			
4+ 411567	REMOVABLE BRACKET-PLAIN		AR
5+ 411561	REMOVABLE BRACKET/LOAD RAILS LH		AR
5+ 411557	REMOVABLE BRACKET/LOAD RAILS RH		AR
6+ 411551	FRAME INSERT FOR REMOVABLE BRACKET PER BRACKET		1

SWING EXTENSION BRACKET INCLUDES ONE BRACKET TWO BEARING BLOCKS AND ONE 411632 LOCK

& 35 TON TRAILERS AND T1 REARLOADERS UP TO 40 TON

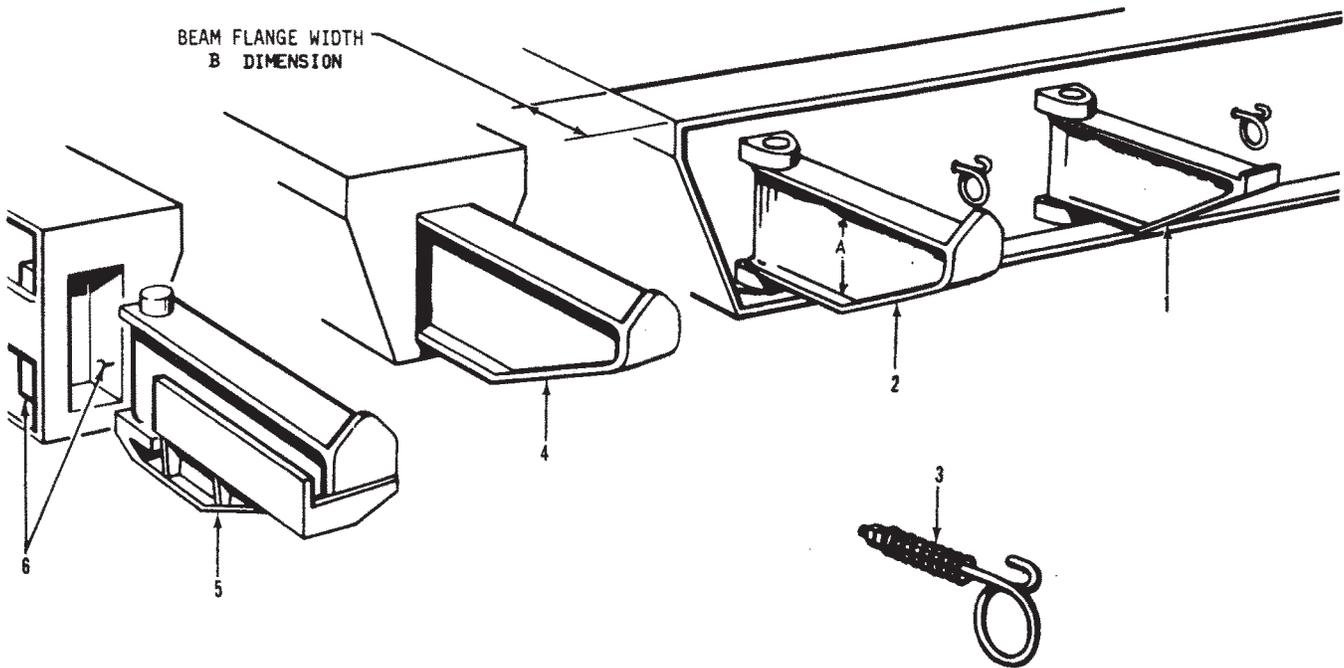
% 35 TON TRAILER

* TRAILER 40 TON AND ABOVE

+ ADDITIONAL INFORMATION AND PARTS FOR REMOVABLE EXTENSION BRACKET INSTALLATIONS CONTACT THE PARTS AND SERVICE DEPARTMENT

BRACKETS-EXTENSION

AFTER S/N 12526



STANDARD SWING BRACKET			
PART NUMBER	DIMENSION A	DIMENSION B	QTY
1# 411644	4.5 INCH	4 TO 5 INCH	AR
1# 411646	4.5 INCH	6 INCH	AR
1# 411645	4.5 INCH	6.5 TO 7 INCH	AR
HEAVY DUTY SWING BRACKET			
PART NUMBER	DIMENSION A	DIMENSION B	QTY
2# 419787	8 INCH	6 INCH	AR
2# 419788	8 INCH	7 INCH	AR
2#* 419874	6.75 INCH	6.75 TO 8 INCH	AR
3 411632	LOCK-PER BRACKET		1
REMOVABLE EXTENSION BRACKET			
4+ 412894	REMOVABLE BRACKET-PLAIN		AR
5+ 412911	REMOVABLE BRACKET/LOAD RAILS LH		AR
5+ 412908	REMOVABLE BRACKET/LOAD RAILS RH		AR
6 411551	FRAME INSERT FOR REMOVABLE BRACKET-PER BRACKET		1

#SWING EXTENSION BRACKET INCLUDES ONE BRACKET TWO BEARING BLOCKS AND ONE 411632 LOCK

*6.75 INCH DEEP BRACKETS ARE NO LONGER AVAILABLE-419874 CONSISTS OF AN 8 INCH DEEP BRACKET FOR REPLACEMENT ON TRAILER USING 6.75 INCH ORIGINAL EQUIPMENT BRACKETS WITH AN OUTSIDE BEAM DEPTH OF 14 INCH OR MORE

+FOR ADDITIONAL INFORMATION AND PARTS FOR REMOVABLE EXTENSION BRACKET INSTALLATIONS CONTACT THE PARTS AND SERVICE DEPARTMENT

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465796-490985.....	G07

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14050	2A14			2A06	6		2A13	21		1C05	11		2B01	16
14999	1C05			2A07	6		2A14	21		1C06	12		2B02	16
	1C07			2A08	6		2B04	21		1C07	11		2B03	14
15000	1C07			2A09	21		2B04			1C08	12		2B04	11
15002	1B04	17		2A10	29		2B07	24	15303	1C03	9		2B05	14
15006	2A05	30		2A11	6	15156	1A05	5	15307	1C03	10		2B06	14
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	2B02	37		2B07	23		2A05	29	15704	1D05	8		1C05	16
	2B04	34	15055	2A10	29		2A06	33	15868	2A10	26		1C06	17
15008	2A05	6		2B07	23		2A07	33		2B07	20		1C07	16
	2A06	10	15056	1A05	10		2A10	4	15924	2A09	12		1C08	17
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	2A13	6		1C07	15		2B02	36		2B03	11	18248	1D03	15
	2A14	6		1C08	16		2B04	33		2B04	12		1D08	24
	2B01	10	15062	1D09	28	15158	1D10	20		2B05	11	18425	1B03	4
	2B02	10		1D06	16		2A05	5		2B06	11		1B04	4
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	1D05	13		1D05	3		2A13	5		2B03	28		2A11	4
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	1D09	23		1D09	4		2B01	9		2B06	28		2B01	4
	1D10	10		1D10	24		2B02	9	16041	2A09	26		2B02	4
	1D10	27	15074	1D03	10		2B04	5		2A10	27		2B03	24
15019	1D03	3		1D04	9	15160	2B08	4		2B03	23		2B05	24
	1D04	6		1D06	10		2B09	3		2B05	23		2B06	24
	1D05	5		1D07	9		2B10	3		2B06	23		2B07	22
	1D08	3		1D08	11		2B11	4		2B07	21	18465	1B04	2
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	2A11	23		2B07	24	15267	1D03	7		2B04	4		2B06	22
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	1D11	19		1D07	5		1C07	20		1C08	2		1D12	26
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	2B02	23		2A11	16		1C07	7		1D11	21		2A06	11
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	2A14	32		1C07	12	400275	1C03	1		1D11	24	400353	2A05	26
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	2A13	31		2B12	6		2A14	17	401044	1B03	10		1C05	8
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400355	2A05	16	400462	2A09	11	400492	1C03	17	401440	1D04	7	403561	1D08	18
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	1D09	14		2B01	26		1E02	5	402282	1D08	30		2B02	12
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400449	1A05	1	400475	2A05	14		1D12	17		2A14	36	419305	2A07	26
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400453	2A13	1		2A07	18	400810	1D11	1	402657	2A14	7	419787	2D04	
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422121	1E01	10	429397	1D10	12	435612	1E02	9		2B05	4		2B06	2
422122	1E01	9	429399	1D10	8		1E03	8		2B06	4		2B07	2
422382	1D13	8	429414	1D10	25	435613	1E02	7		2B07	4	446216	1A05	7
422383	1D13	9	429872	2A14	10		1E03	6	444453	2B03	5	446329	1D03	8
422757	1B03	7		2B01	14	437318	2B13	1		2B05	5		1D08	9
422758	1B03	5		2B02	14	437755	1B04	6		2B06	5	446824	1D10	17
422759	1B03	15		2B04	10	437945	1B03	11	444454	2B03	15	447265	2B09	9
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427199	2B05	6		2A08	14		2A12	21	445080	1B03	2		2B05	21
427200	2B05	6		2A09	30	442833	2A08	25		1B04	1		2B06	21
427323	2B09	1		2A11	14		2A09	2	445379	2B06	6		2B07	19
427723	1C06	6		2A12	14		2A12	25	445380	2B06	6	462934	2B10	8
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	1C05	7	432326	1B04	8	444288	2A08	29	445388	2A09	29	462941	2A10	31
	1C06	7	433283	1B04	5		2A09	4	445389	2A09	19	462942	2A10	31
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