



GROUP 04 – BRAKES

04

FRONT WHEEL HYDRAULIC BRAKE

- FIG. 04-1 R-100, R-150 SERIES
- FIG. 04-2 R-110, R-120, R-130 SERIES
- FIG. 04-3 R-140-4x4, R-160-4x4 SERIES
- FIG. 04-4 R-160, RC-160 SERIES

REAR WHEEL HYDRAULIC BRAKE

- FIG. 04-5 R-100 SERIES - WITH TRANSMISSION CODES 1348, 1383
R-110 SERIES - WITH TRANSMISSION CODE 1383
- FIG. 04-6 R-100 SERIES - WITH TRANSMISSION CODE 1374
R-110 SERIES - WITH TRANSMISSION CODES 1301, 1302, 1303, 1348, 1374
R-120, R-130, R-140-4x4 SERIES
R-150 - WITH STANDARD BRAKES
- FIG. 04-7 R-150 - WITH INCREASED CAPACITY BRAKES, CODE 0405
R-153 - WITH STANDARD BRAKES
- FIG. 04-8 R-160, R-163, R-165, R-160-4x4, RC-160 WITH STANDARD AND INCREASED CAPACITY BRAKES, CODE 0405
R-164 - WITH STANDARD BRAKES

BRAKE AND CLUTCH CONTROL

- FIG. 04-9 BRAKE AND CLUTCH CONTROL (LEFT HAND DRIVE)
R-100, R-110, R-120, R-130 SERIES
- FIG. 04-10 BRAKE CONTROL (RIGHT HAND DRIVE)
R-100, R-110, R-120, R-130 SERIES
- FIG. 04-11 CLUTCH CONTROL (RIGHT HAND DRIVE)
R-100, R-110, R-120, R-130 SERIES
- FIG. 04-12 BRAKE AND CLUTCH CONTROL (LEFT HAND DRIVE)
R-140-4x4, R-150, R-160, R-160-4x4 SERIES
- FIG. 04-13 BRAKE AND CLUTCH CONTROL (RIGHT HAND DRIVE)
R-140-4x4, R-150, R-160, R-160-4x4 SERIES
- FIG. 04-14 BRAKE AND CLUTCH CONTROL
RC-160 SERIES

MASTER CYLINDER

- FIG. 04-15 R-100, R-110, R-120, R-130 SERIES - WITHOUT HYDROVAC
- FIG. 04-16 R-130 SERIES - WITH HYDROVAC, CODE 0401
- FIG. 04-17 R-140-4x4 - WITHOUT HYDROVAC
- FIG. 04-18 R-150 - WITH STANDARD BRAKES AND WITHOUT HYDROVAC
R-140-4x4, R-150 - WITH HYDROVAC, CODE 0401
R-153, R-160, R-163, R-164, R-165, R-160-4x4, RC-160

HYDROVAC CYLINDER

- FIG. 04-19 STANDARD FOR R-160, R-160-4x4, RC-160 SERIES
CODE 0401 FOR R-130, R-140-4x4, R-150 SERIES

**HYDROVAC AIR LINE AIR CLEANER**

FIG. 04-20 CODE 0401 FOR R-130 SERIES - WITH HOOF GOVERNOR, CODE 1554

VACUUM LINE OIL BATH AIR CLEANER

FIG. 04-21 R-130, R-140-4x4, R-150, R-160, R-160-4x4 SERIES - CODES 0406, 0418

FIG. 04-22 RC-160 SERIES - CODES 0406, 0418

TRAILER HAND CONTROL VALVE

FIG. 04-23 VALVE, CODE 0441

FIG. 04-24 CIRCUIT BREAKER, RESISTOR AND ACTUATING SWITCH (FOR VALVE, CODE 0441)

TRANSFER VALVE

FIG. 04-25 FOR TRAILER HAND CONTROL VALVE, CODE 0441

HYDRAULIC PIPING

FIG. 04-26 R-100, R-110, R-120, R-130 SERIES - WITHOUT HYDROVAC

FIG. 04-27 R-130 SERIES - WITH HYDROVAC, CODE 0401

FIG. 04-28 R-140-4x4 SERIES - WITHOUT HYDROVAC

FIG. 04-29 R-140-4x4 SERIES - WITH HYDROVAC, CODE 0401

R-160-4x4 SERIES

FIG. 04-30 R-150 SERIES - WITHOUT HYDROVAC

FIG. 04-31 R-150 SERIES - WITH HYDROVAC, CODE 0401

R-160, RC-160 SERIES

VACUUM PIPING

FIG. 04-32 R-130 SERIES - WITH HYDROVAC, CODE 0401

FIG. 04-33 R-140-4x4, R-150 - WITH HYDROVAC, CODE 0401

R-160, R-164, R-165, R-160-4x4 - WITHOUT TRAILER CONNECTIONS

FIG. 04-34 R-153 - WITH HYDROVAC, CODE 0401

R-163

FIG. 04-35 R-160, R-164, R-165 - WITH TRAILER CONNECTIONS, CODE 0406

FIG. 04-36 RC-160 SERIES - WITHOUT TRAILER CONNECTIONS

FIG. 04-37 RC-160 SERIES - WITH TRAILER CONNECTIONS, CODE 0406

PARKING BRAKES

FIG. 04-38 REAR WHEEL PARKING BRAKE CONTROL

R-100 SERIES - WITH TRANSMISSION CODES 1348, 1383

R-110 SERIES - WITH TRANSMISSION CODE 1383

FIG. 04-39 DRIVE SHAFT PARKING BRAKE

R-100, R-110, R-120, R-130 SERIES - WITH TRANSMISSION CODE 1374

FIG. 04-40 DRIVE SHAFT PARKING BRAKE

R-110, R-120 SERIES - WITH TRANSMISSION CODES 1301, 1348

FIG. 04-41 DRIVE SHAFT PARKING BRAKE

R-110, R-120, R-130 SERIES - WITH TRANSMISSION CODE 1302

FIG. 04-42 DRIVE SHAFT PARKING BRAKE

R-110, R-120, R-130, R-150, R-160 SERIES - WITH TRANSMISSION CODE 1303

R-130, R-150 SERIES - WITH TRANSMISSION CODE 1320

FIG. 04-43 DRIVE SHAFT PARKING BRAKE

R-140-4x4, R-160-4x4 SERIES

R-160 SERIES - WITH TRANSMISSION CODES 1322, 1323

FIG. 04-44 DRIVE SHAFT PARKING BRAKE

RC-160 SERIES - WITH TRANSMISSION CODE 1303

FIG. 04-44A DRIVE SHAFT PARKING BRAKE

RC-160 SERIES - WITH TRANSMISSION CODES 1305, 1306

FIG. 04-45 DRIVE SHAFT PARKING BRAKE SHIELD, CODE 0416

R-153, R-163

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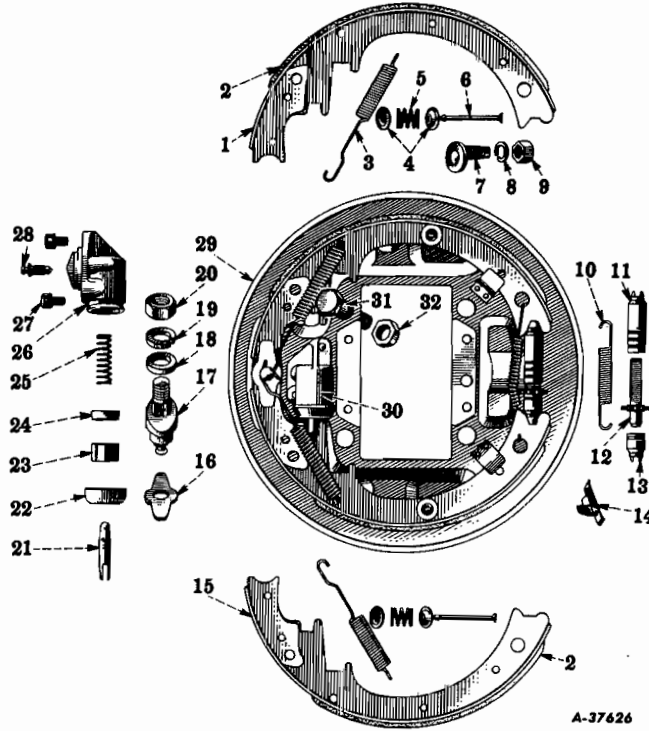


FIG. 04-1 - FRONT WHEEL HYDRAULIC BRAKE
(R-100, R-150 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER	
			R-100 SERIES	R-150 SERIES
1	SET, BRK. SHOE, w/LININGS, ASM.	1	129 434 R92	
	SHOE, w/LINING, ASM.	2		86 678 R91
2	SET, LINING, w/RIVETS	1		86 794 R92
	RIVET	45		26 304 H
3	SPRING	4	127 778 R1	121 518 R1
4	CUP	8	1 032 Y	1 032 Y
5	SPRING	4	80 126 H	80 126 H
6	PIN	4	128 147 R1	59 397 H
7	ECCENTRIC	2	128 145 R1	1 017 YX
8	WASHER, LK., 3/8", MED.	2	103 321	103 321
9	NUT, HEX., 3/8NF	2	103 026	103 026
10	SPRING	2	1 023 Y	86 702 R1
11	NUT	2	127 780 R1	81 015 R1
12	SCREW	2	59 390 H	59 390 H
13	SOCKET	2	128 146 R1	81 019 R1
14	COVER	2	22 324 H	22 324 H
15	SHOE, w/LINING, ASM.	2		86 674 R92
16	PLATE	2	66 511 H	66 511 H
17	PIN	2	127 777 R1	86 701 R1
18	WASHER	2	59 398 H	59 398 H
19	WASHER, LK., 5/8", HV.	2	103 331	103 331
20	NUT	2	88 697 H	88 697 H
21	ROD	2	59 394 H	59 394 H
*22	BOOT	2	49 661 H	49 661 H
*23	KIT, BRK. CYL. REPAIR	2	106 393 R91	95 302 R91

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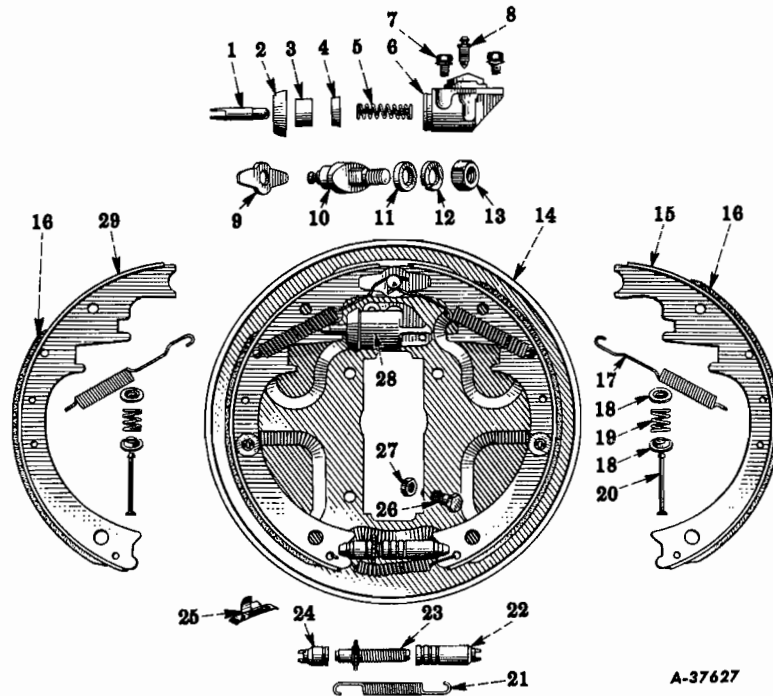
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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER	
			R-100 SERIES	R-150 SERIES

FIG. 04-1 -- FRONT WHEEL HYDRAULIC BRAKE - Continued

23	PISTON	2	49 660 H	51 902 H
*24	CUP	2	48 887 H	51 905 H
25	SPRING	2	73 113 R1	72 606 R1
26	BODY			
	LT.	1		87 898 R1
	RT.	1		87 899 R1
27	BOLT, w/LOCKWASHER, ASM.	4	81 017 R91	187 527
28	SCREW	2	80 341 R1	82 301 R1
29	PLATE, ASM.			
	LT.	1	128 137 R91	86 670 R11
	RT.	1	128 138 R91	86 671 R1
30	CYLINDER, ASM.			
	LT.	1	128 141 R91	87 896 R91
	RT.	1	128 142 R91	87 897 R91
31	BOLT			
	SHORT	4	56 687 R1	56 689 R2
	LONG	4	124 324 H	56 691 R2
32	NUT	8	16 736 R1	16 737 R1
*33	KIT, BRK. CYL. REPAIR	2	106 393 R91	95 302 R91



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FIG. 04-2 - FRONT WHEEL HYDRAULIC BRAKE
(R-110, R-120, R-130 Series)

KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		R-110 SERIES	R-120 R-130 SERIES	
1	ROD	2	2	59 394 H
(*) 2	BOOT	2	2	49 661 H
3	PISTON			
	R-110 SERIES	2		49 660 H
	R-120, R-130 SERIES		2	51 902 H
(*) 4	CUP			
	R-110 SERIES	2		48 887 H
	R-120, R-130 SERIES		2	51 905 H
(*) 5	SPRING			
	R-110 SERIES	2		73 113 R1
	R-120, R-130 SERIES		2	72 606 R1
6	BODY			
	R-110 SERIES			
	LT.	1		101 150 R1
	RT.	1		101 151 R1
	R-120, R-130 SERIES			
	LT.		1	87 914 R1
	RT.		1	87 915 R1
(*)	KIT, BRK. CYL. REPAIR			
	R-110 SERIES	2		106 393 R91
	R-120, R-130 SERIES		2	95 302 R91

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		R-110 SERIES	R-120 R-130 SERIES	
FIG. 04-2 - FRONT WHEEL HYDRAULIC BRAKE - Continued				
7	BOLT, HEX-HD., 5/16NC x 5/8", w/WASHER, ASM.	1	1	187 527
8	SCREW	2	2	82 301 RI
9	PLATE	2	2	66 511 H
10	PIN	2	2	81 016 RI
11	WASHER	2	2	59 398 H
12	WASHER, LK., 5/8", HV.	2	2	103 331
13	NUT	2	2	88 697 H
14	PLATE			
	LT.	1	1	81 004 RI
	RT.	1	1	81 005 RI
15	SHOE, w/LINING, ASM.	2	2	81 012 R92
16	SET, LINING, w/RIVETS	1	1	86 770 R93
	RIVET	36	36	26 304 H
17	SPRING	4	4	121 518 RI
18	CUP	8	8	1 032 Y
19	SPRING	4	4	80 126 H
20	PIN	4	4	59 397 H
21	SPRING	2	2	59 396 H
22	NUT	2	2	81 015 RI
23	SCREW	2	2	59 390 H
24	SOCKET	2	2	81 019 RI
25	COVER	2	2	22 324 H
26	BOLT			
	LONG	4	4	124 324 H
	SHORT	4	4	56 687 RI
27	NUT, HEX., LK., 7/16NF	8	8	16 736 RI
28	CYLINDER, ASM.			
	R-110 SERIES			
	LT.	1		97 370 R91
	RT.	1		97 371 R91
	R-120, R-130 SERIES			
	LT.		1	87 912 R91
	RT.		1	87 913 R91
29	SHOE, w/LINING, ASM.	2	2	81 007 R93

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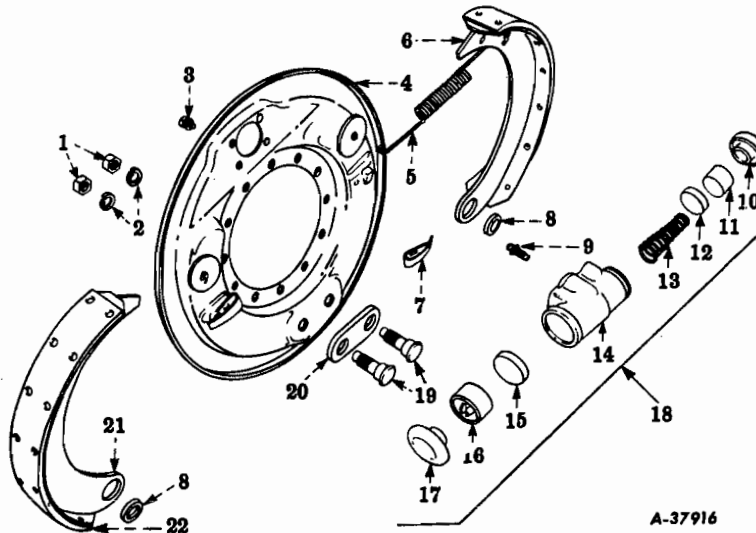


FIG. 04-3 – FRONT WHEEL HYDRAULIC BRAKE
(R-140-4x4, R-160-4x4)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	NUT, HEX., 5/8NF	4	103 030
2	WASHER, LK., 5/8", MED.	4	103 325
3	BOLT, w/LOCKWASHER, ASM.	6	217 232
4	PLATE, ASM.	2	109 272 HY
5	SPRING	2	102 752 H
6	SHOE, w/LINING, ASM.	2	95 909 HB
7	SPRING	4	95 907 H
8	BUSHING	4	95 916 H
9	SCREW	2	82 301 R1
* 10	BOOT	2	95 926 H
11	PISTON	2	95 921 HX
* 12	CUP	2	48 887 H
13	SPRING	2	95 922 H
14	BODY		
	LT.	1	95 918 H
	RT.	1	95 919 H
* 15	CUP	2	49 150 H
16	PISTON	2	102 651 HX
* 17	BOOT	2	95 925 H
18	CYLINDER		
	LT.	1	95 918 HX
	RT.	1	95 919 HX
19	PIN	4	95 915 H
20	PLATE	2	95 914 H
21	SHOE, w/LINING, ASM.	2	95 908 HB
22	SET, LINING, w/RIVETS	1	100 552 HB
	RIVET	56	95 913 H
* 22	KIT, BRK. CYL. REPAIR	2	121 393 H

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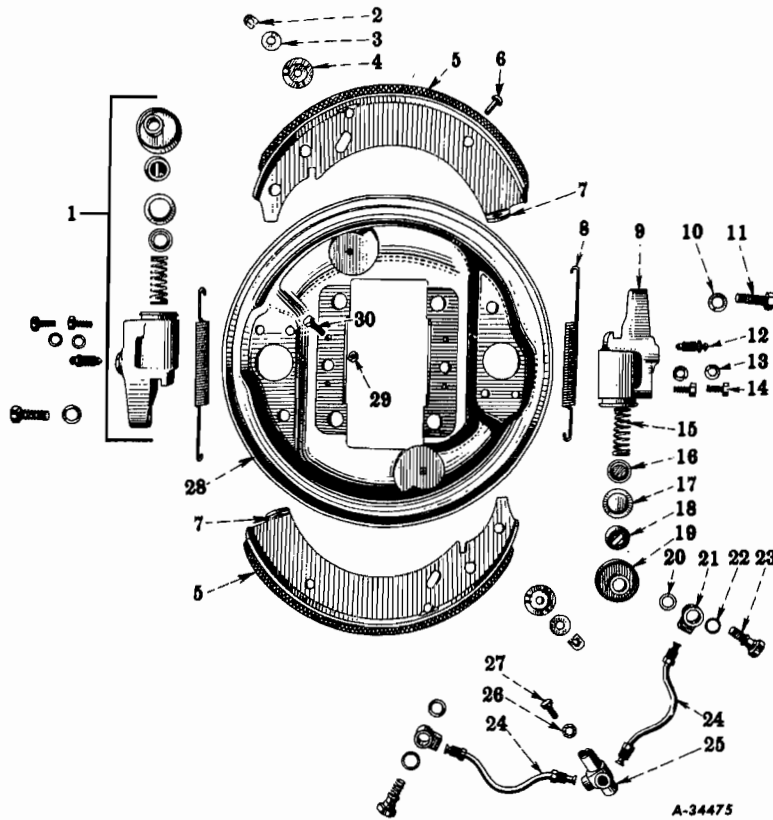
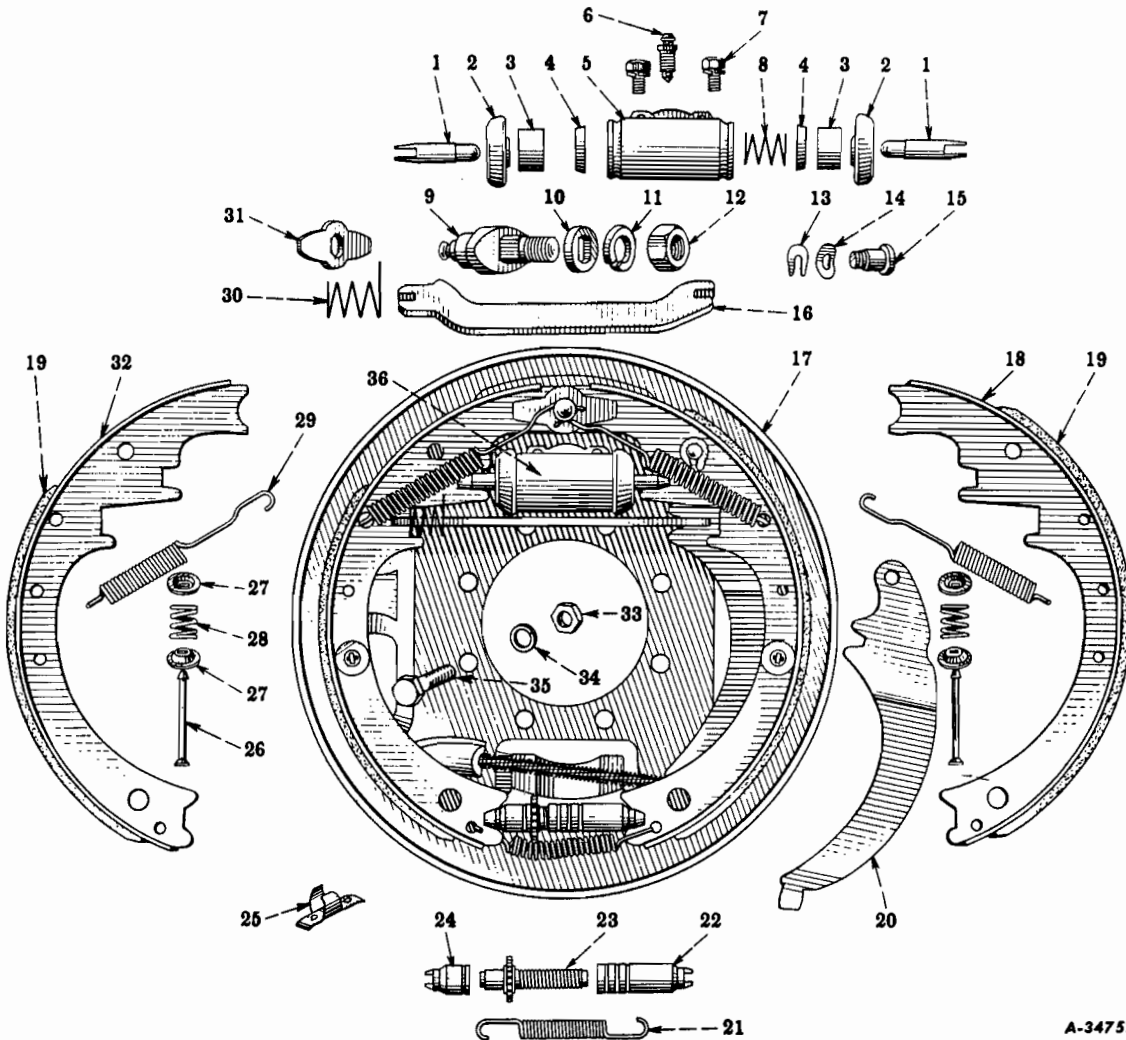


FIG. 04-4 - FRONT WHEEL HYDRAULIC BRAKE
(R-160, RC-160 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	CYLINDER, ASM.		
	LT.	2	73 120 R91
	RT.	2	73 121 R91
2	WASHER	4	50 964 R1
3	WASHER	4	72 548 R1
4	WASHER	4	50 963 R1
5	SET, LINING, w/RIVETS	1	75 214 R91 ✓
6	RIVET	40	72 232 R1
7	SHOE, w/LINING, ASM.	4	72 534 R91
8	SPRING	4	72 549 R1
9	BODY		
	LT.	2	73 123 R1
	RT.	2	73 124 R1
10	WASHER, LK., 7/16", INT.	4	115 550
11	BOLT, HEX-HD., 7/16NF x 1"	4	182 751
12	SCREW	4	72 550 R1
13	WASHER, LK., 5/16", MED.	8	103 320
14	BOLT, HEX-HD., 5/16NC x 5/8"	8	181 084
15	SPRING	4	73 113 R1
16	CUP	4	73 112 R1
* 17	CUP	4	48 887 H
*	KIT, BRK. CYL. REPAIR	4	95 303 R91

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GROUP 04 - BRAKES



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FIG. 04-5 - REAR WHEEL HYDRAULIC BRAKE
 (R-100 Series - With Transmissions, Codes 1348, 1383)
 (R-110 Series - With Transmission, Code 1383)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER	
			R-100 SERIES	R-110 SERIES
1	ROD	4	59 394 H	59 394 H
⊛ 2	BOOT	4	128 136 R1	49 661 H
3	PISTON	4	128 133 R1	51 902 H
⊛ 4	CUP	4		51 905 H
5	BODY, ASM.			
	LT.	1		87 464 R11
	RT.	1		87 465 R11
6	SCREW	2	80 341 R1	76 018 R1
7	BOLT, w/LOCKWASHER, ASM.	4	81 017 R91	81 017 R91
8	SPRING	2	128 135 R1	59 737 H
9	PIN	2	127 777 R1	81 016 R1
10	WASHER	2	59 398 H	59 398 H
11	WASHER, LK., 5/8", HY.	2	103 331	103 331
12	NUT	2	88 697 H	88 697 H
⊛	KIT, BRK. CYL. REPAIR	2	131 120 R91	121 382 H

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER	
			R-100 SERIES	R-110 SERIES
FIG. 04-5 – REAR WHEEL HYDRAULIC BRAKE - Continued				
13	RETAINER	2	100 202 HA	100 202 HA
14	SPACER	2	86 741 RI	86 741 RI
15	NOT SERVICED SEPARATELY			
16	STRUT	2	127 787 RI	86 466 RI
17	PLATE, ASM.			
	LT.	1	127 790 R11	86 736 R11
	RT.	1	127 791 R11	86 737 R11
18	SET, SHOES, w/LININGS	1	129 433 R92	
	SHOE, w/LINING, ASM.	2		81 012 R92
19	SET, LINING	1		86 770 R93
20	LEVER, ASM.			
	LT.	1	127 783 R11	86 738 R11
	RT.	1	127 784 R11	86 739 R11
21	SPRING	2	1 023 Y	59 396 H
22	NUT	2	127 780 RI	81 015 RI
23	SCREW	2	59 390 H	59 390 H
24	SOCKET	2	128 146 RI	81 019 RI
25	COVER	2	22 324 H	22 324 H
26	PIN	4	127 789 RI	59 397 H
27	CUP	8	1 032 Y	1 032 Y
28	SPRING	4	80 126 H	80 126 H
29	SPRING	4	127 778 RI	121 518 RI
30	SPRING	2	86 735 RI	86 735 RI
31	PLATE	2	66 511 H	66 511 H
32	SHOE, w/LINING, ASM.	2		81 007 R93
33	NUT, HEX., LK.			
	1/2NF	10	103 028	
	3/8NF	12		103 026
34	WASHER, LK.			
	1/2", MED.	10	103 323	
	3/8", MED.	12		103 321
35	BOLT	AR	127 561 RI	25 775 HO
36	CYLINDER, ASM.			
	LT.	1	127 781 R91	75 080 R91
	RT.	1	127 782 R91	75 081 R91
⊛	KIT, BRK. CYL. REPAIR	2	131 120 R91	121 382 H

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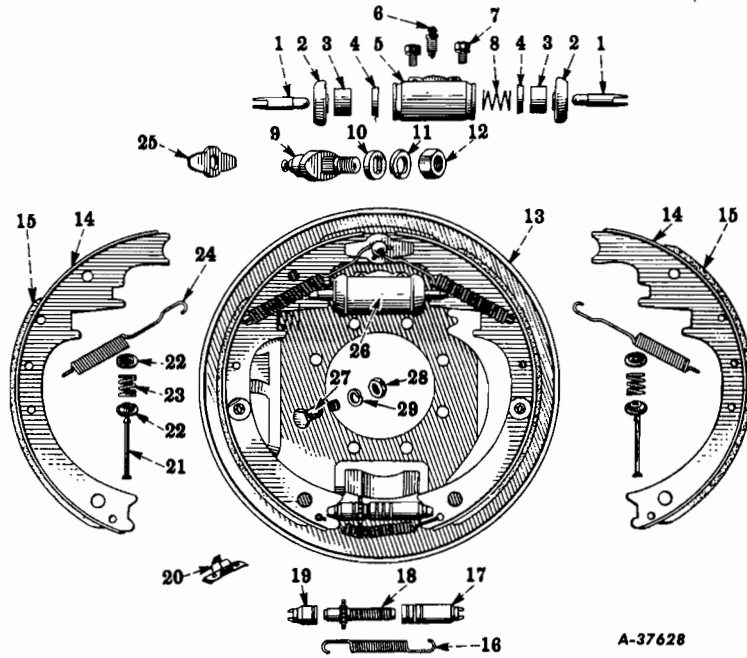


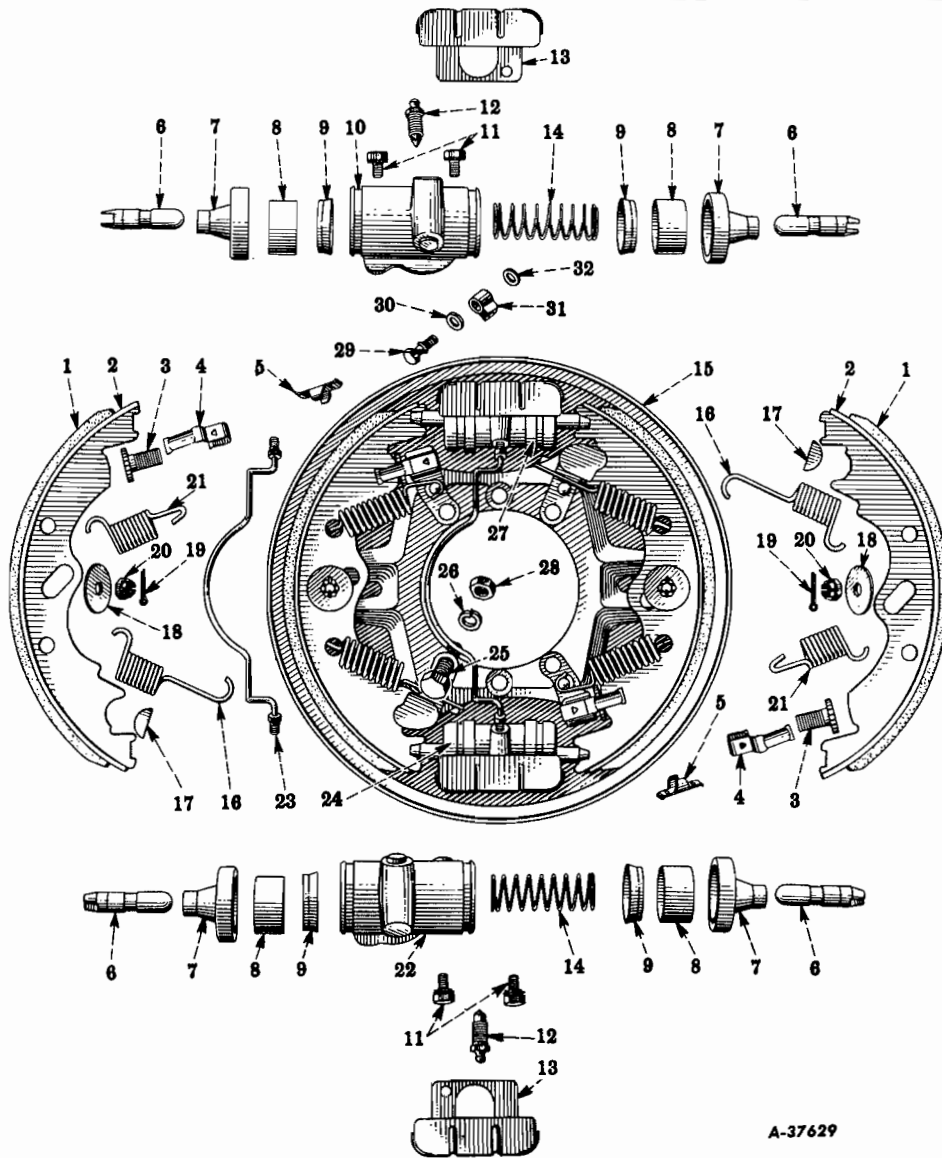
FIG. 04-6 -- REAR WHEEL HYDRAULIC BRAKE
 (R-100 Series - With Transmission, Code 1374)
 (R-110 Series - With Transmission, Codes 1301, 1302, 1303, 1348, 1374)
 (R-120, R-130, R-140-4x4 Series)
 (R-150 - With Standard Brakes)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER			
			R-100 SERIES	R-110 SERIES	R-120 SERIES	R-130 SERIES R-140-4x4 R-150
1	ROD	4	59 394 H	59 394 H	59 394 H	81 133 R1
⊙ 2	BOOT	4	128 136 R1	49 661 H	49 661 H	51 909 H
3	PISTON	4	128 133 R1	51 902 H	49 660 H	51 903 H
⊙ 4	CUP	4		51 905 H	48 887 H	51 906 H
5	BODY					
	LT.	1		87 464 R11	87 456 R11	87 345 R11
	RT.	1		87 465 R11	87 457 R11	87 346 R11
6	SCREW	2	71 565 R1	76 018 R1	76 018 R1	76 018 R1
7	BOLT, w/LOCKWASHER, ASM.	4	81 017 R91	81 017 R91	81 017 R91	81 017 R91
8	SPRING	2	128 135 R1	59 737 H	48 886 HA	51 908 H
9	PIN	2	127 777 R1	81 016 R1	81 016 R1	81 129 R1
10	WASHER	2	59 398 H	59 398 H	59 398 H	82 038 R1
11	WASHER	2	103 331	103 331	103 331	103 332
12	NUT	2	88 697 H	88 697 H	88 697 H	81 130 R1
13	PLATE, ASM.	2	911 346 R91	81 044 R1	81 051 R11	81 115 R11
14	SET, SHOES, w/LININGS	1	129 433 R92			
	SHOE, w/LINING, ASM.					
	PRIMARY	2		81 007 R93	81 045 R92	81 117 R92
	SECONDARY	2		81 012 R92	81 049 R91	81 124 R91
⊙	KIT, BRK. CYL. REPAIR	2	131 120 R91	121 382 H	121 383 H	121 387 H

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FIG. 04-7 - REAR WHEEL HYDRAULIC BRAKE
(R-150 - With Increased Capacity Brakes, Code 0405) (R-153 - With Standard Brakes)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	SET, LINING, w/RIVETS	1	86 763 R91
	RIVET	56	96 133 H
2	SHOE, w/LINING, ASM.	4	87 854 R91
3	SCREW		
	LT.	2	85 649 R1
	RT.	2	85 650 R1
4	SPRING	4	85 651 R1
5	COVER	4	22 324 H
6	ROD	8	111 146 R1
⊗ 7	BOOT	8	85 362 R1
⊗	KIT, BRK. CYL. REPAIR	4	111 624 R91

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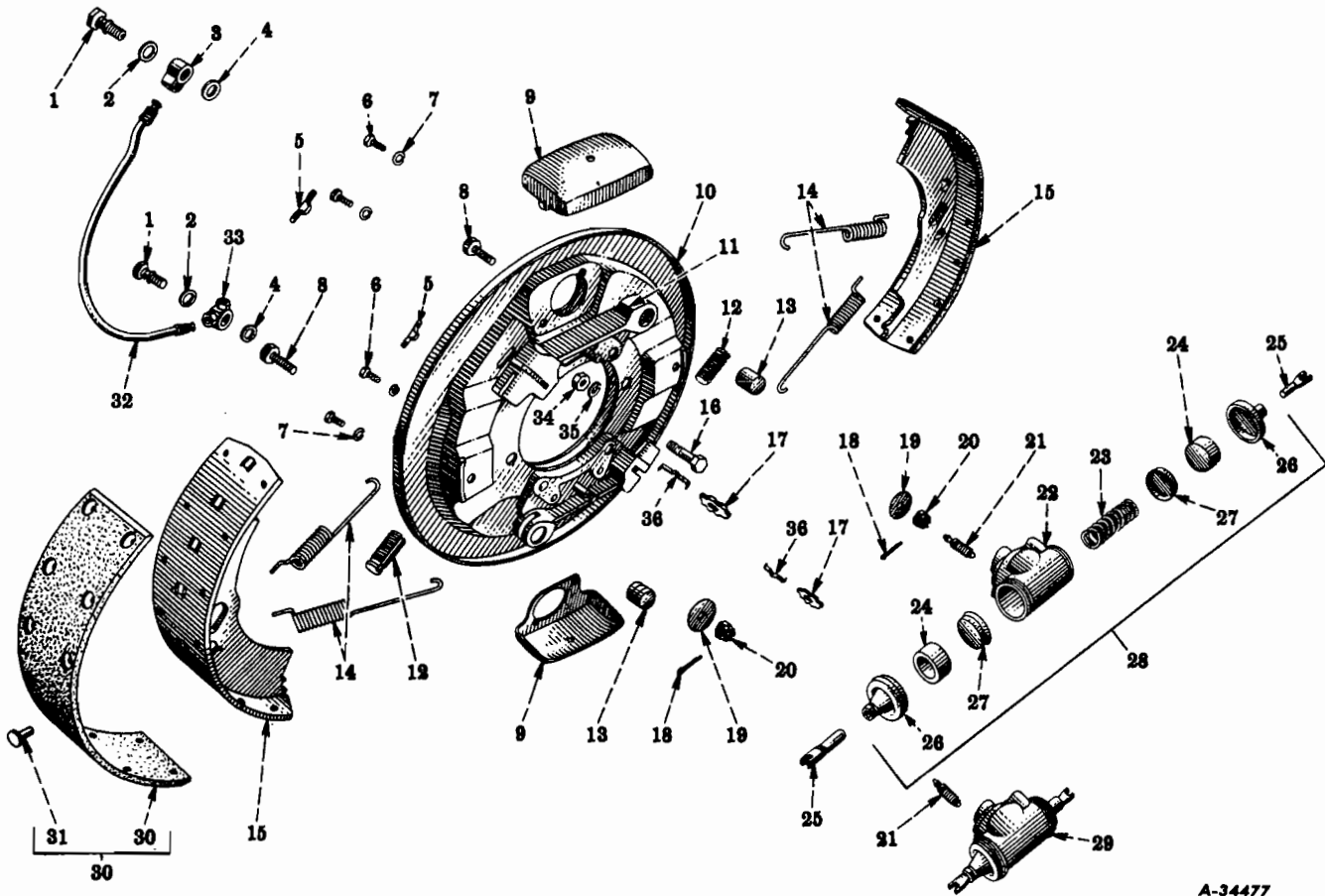
GROUP 04 - BRAKES



KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-7 - REAR WHEEL HYDRAULIC BRAKE - Continued			
8	PISTON	8	111 112 R1
⊛ 9	CUP	8	49 150 H
10	BODY		
	LT.	1	87 491 R1
	RT.	1	87 492 R1
11	BOLT, w/WASHER, ASM.	8	81 017 R91
12	SCREW	4	72 550 R1
13	SHIELD	4	87 850 R1
14	SPRING, ASM.	4	116 886 R11
15	PLATE, ASM.		
	LT.	1	87 848 R11
	RT.	1	87 849 R11
16	SPRING, LONG	4	85 656 R1
17	KEY	4	85 653 R1
18	WASHER	4	85 654 R1
19	PIN, COTTER, 3/32 x 3/4"	4	103 373
20	NUT, HEX., SLT., 3/8NF	4	119 252
21	SPRING, SHORT	4	85 657 R1
22	BODY		
	LT.	1	87 861 R1
	RT.	1	87 862 R1
23	PIPE, ASM.		
	LT.	1	87 851 R91
	RT.	1	87 852 R91
24	CYLINDER, ASM.		
	LT.	1	87 859 R93
	RT.	1	87 860 R93
25	BOLT	12	85 959 R1
26	WASHER, L.K., 9/16", MED.	12	103 324
27	CYLINDER, ASM.		
	LT.	1	87 489 R93
	RT.	1	87 490 R93
28	NUT, HEX., 9/16NF	12	103 029
29	BOLT	2	48 121 H
30	GASKET	2	48 122 H
31	FITTING	2	48 168 H
32	GASKET	2	48 123 H
⊛	KIT, BRK. CYL. REPAIR	4	111 624 R91

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GROUP 04 - BRAKES



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FIG. 04-8 - REAR WHEEL HYDRAULIC BRAKE
 (R-160, R-163, R-165, R-160-4x4, RC-160 - With Standard and Increased Capacity Brakes, Code 0405)
 (R-164 - With Standard Brakes)

KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER	
		STANDARD BRAKES	INCREASED CAPACITY BRAKES CODE 0405	R-160 R-163 R-165 R-160-4x4 RC-160	R-164
1	BOLT	4	4	72 598 R1	72 598 R1
2	GASKET	4	4	48 122 H	48 122 H
3	FITTING	2	2	48 168 H	48 168 H
4	GASKET	4	4	48 123 H	48 123 H
5	COVER	4	4	22 324 H	22 324 H
6	BOLT, HEX-HD., 5/16NC x 5/8"	8	8	181 084	181 084
7	WASHER, L.K., 5/16", MED.	8	8	103 320	103 320
8	BOLT, w/NUT AND PIN, ASM.	4	4	87 783 R21	87 783 R21
9	SHIELD				
	LT.	2	2	85 370 R1	85 370 R1
	RT.	2	2	85 371 R1	85 371 R1

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER	
		STANDARD BRAKES	INCREASED CAPACITY BRAKES CODE 0405	R-160 R-163 R-165 R-160-4x4 RC-160	R-164
FIG. 04-8 - REAR WHEEL HYDRAULIC BRAKE - Continued					
10	PLATE, ASM.				
	STD. BRK.				
	LT.	1		85 111 R11	85 109 R11
	RT.	1		85 112 R91	85 110 R11
	INCREASED CAPACITY BRK., CODE 0405				
	LT.		1	86 138 R91	
	RT.		1	86 139 R91	
11	SUPPORT, w/PIN AND RIVETS, ASM.				
	STD. BRK.				
	LT.	2		126 525 R91	
	RT.	2		126 526 R91	
	INCREASED CAPACITY BRK., CODE 0405				
	LT.		2		126 527 R91
	RT.		2		126 528 R91
12	SCREW				
	LT.	2	2	85 363 R1	85 363 R1
	RT.	2	2	85 364 R1	85 364 R1
13	PIN	4	4	85 367 R1	85 367 R1
14	SPRING				
	STD. BRK.	8		85 373 R1	85 482 R1
	INCREASED CAPACITY BRK., CODE 0405		8	85 482 R1	
15	SHOE, w/LINING, ASM.				
	STD. BRK.	4		85 357 R91	85 477 R91
	INCREASED CAPACITY BRK., CODE 0405		4	86 298 R91	
16	BOLT				
	LONG	8	8	85 959 R1	85 959 R1
	SHORT	4	4	111 073 H	111 073 H
17	WHEEL	4	4	85 366 R1	85 366 R1
18	RING	4	4	127 016 R1	127 016 R1
19	WASHER	4	4	87 771 R1	87 771 R1
20	NUT	4	4	112 743 R1	112 743 R1
21	SCREW	4	4	78 492 R91	78 492 R91
22	BODY	4	4	85 361 R1	85 361 R1
23	SPRING, ASM.	4	4	116 886 R11	116 886 R11
24	PISTON	8	8	111 112 R1	111 112 R1
25	ROD	8	8	111 106 R1	111 106 R1
* 26	BOOT	8	8	85 362 R1	85 362 R1
* 27	CUP	8	8	49 150 H	49 150 H
28	CYLINDER, ASM.	4	4	85 360 R93	85 360 R93
29	NOT SERVICED SEPARATELY				
30	SET, LINING, w/RIVETS				
	STD. BRK.	1		100 551 HB	100 553 HB
	INCREASED CAPACITY BRK., CODE 0405		1	100 554 HB	
31	RIVET	56	56	95 943 H	95 943 H
* 31	KIT, BRK. CYL. REPAIR	4	4	111 624 R91	111 624 R91

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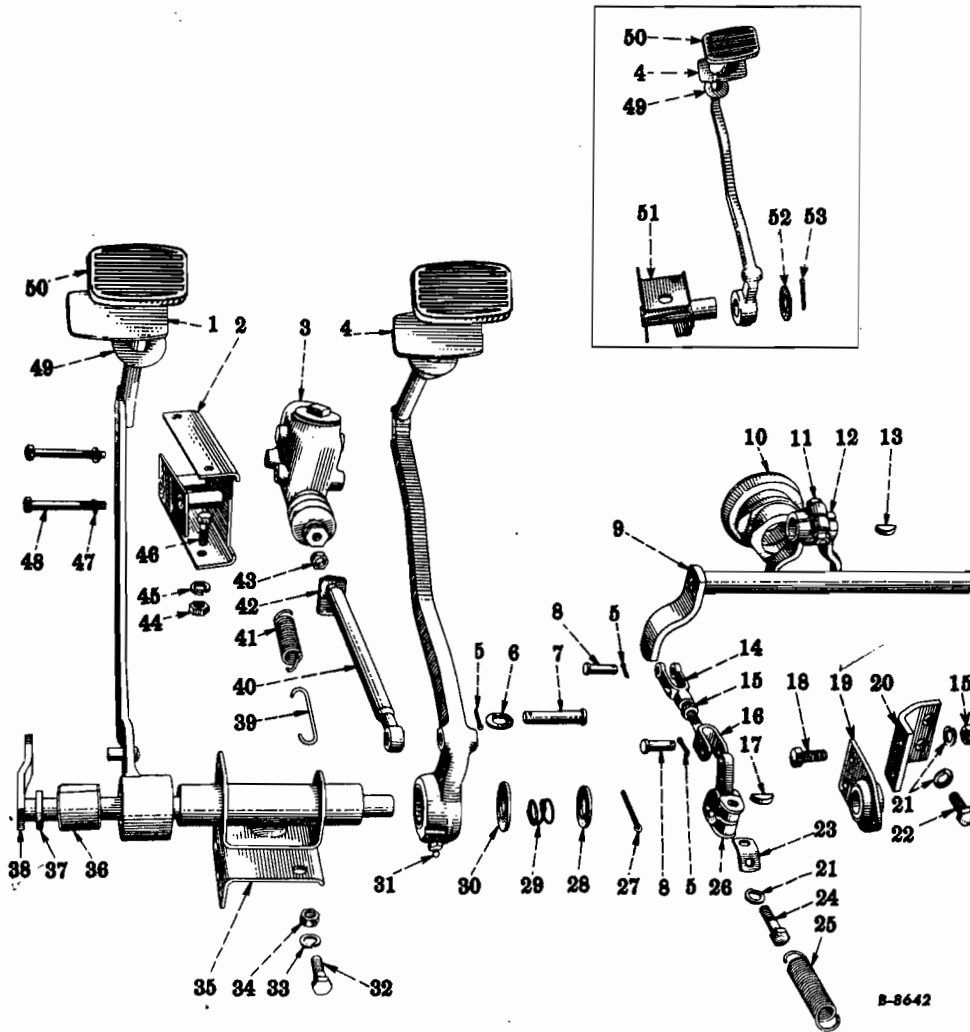


FIG. 04-9 — BRAKE AND CLUTCH CONTROL (Left Hand Drive)
(R-100, R-110, R-120, R-130 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	PEDAL, ASM.	1	109 843 R91
2	BRACKET (w/o HYDROVAC)	1	71 896 R13
	SPACER (w/HYDROVAC, CODE 0401)	1	97 388 R1
3	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)		
4	PEDAL, w/BUSHING, ASM.	1	71 897 R11
5	PIN, COTTER, 3/32 x 3/4"	3	103 373
6	WASHER, FL., 7/16"	1	118 776
7	PIN	1	110 682 H
8	PIN, ROD END, 3/8"	2	103 496
9	SHAFT, w/LEVER, ASM.	1	72 860 R92

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-9 – BRAKE AND CLUTCH CONTROL (Left Hand Drive) - Continued			
10	BEARING	1	121 515 R91
	SLEEVE, w/BEARING, ASM.	1	62 634 HDX
	LUBRICATOR, 1/8", STGHT.	1	109 461
11	BOLT, HEX-HD., 3/8NF x 1-3/4"	1	182 728
	NUT, HEX., 3/8NF	1	103 026
	WASHER, LK., 3/8", MED.	1	103 321
12	FORK	1	62 635 HC
13	KEY, WOODRUFF, 1/4 x 7/8"	1	112 139
14	YOKE	1	110 590 R1
15	NUT, HEX., 3/8NF	3	103 026
16	ROD, ASM.	1	72 861 R91
17	KEY, WOODRUFF, 1/4 x 7/8"	1	112 139
18	BOLT, HEX-HD., 3/8NF x 7/8"	2	182 717
19	BRACKET, ASM.	1	107 959 R91
	SPACER		
	7/16"	AR	72 872 R1
	17/32"	AR	72 873 R1
	5/8"	AR	72 874 R1
20	SUPPORT	1	107 978 R1
21	WASHER, LK., 3/8", MED.	5	103 321
22	BOLT, HEX-HD., 3/8NF x 1"	2	181 112
23	CLIP	1	62 401 H
24	BOLT, HEX-HD., 3/8NF x 1-3/8"	1	182 725
25	SPRING	1	96 282 H
26	LEVER	1	79 345 R1
27	PIN, COTTER, 3/32 x 1"	1	103 374
28	WASHER	1	118 780
29	SPRING	1	54 679 H
30	WASHER	1	118 671
31	LUBRICATOR, 1/8" STGHT.	2	109 461
32	BOLT, HEX-HD.		
	3/8NF x 7/8"	4	182 717
	3/8NF x 3/4"	1	182 716
33	WASHER, LK., 3/8", MED.	5	103 321
34	NUT, HEX., 3/8NF	4	103 026
35	BRACKET, ASM.	1	72 880 R12
36	BUSHING	AR	71 910 R1
37	SEAL	1	72 857 R1
38	SHAFT, w/LEVER, ASM.	1	72 877 R92
39	EXTENSION	1	51 549 V
40	ROD, ASM.	1	71 893 R11
41	SPRING	1	119 057 H
42	CLIP	1	72 073 R1
43	NUT, HEX., 7/16NF	1	271 505
44	NUT, HEX., 3/8NF	4	103 026
45	WASHER, LK., 3/8", MED.	4	103 321
46	BOLT, HEX-HD., 3/8NF x 7/8"	4	182 717

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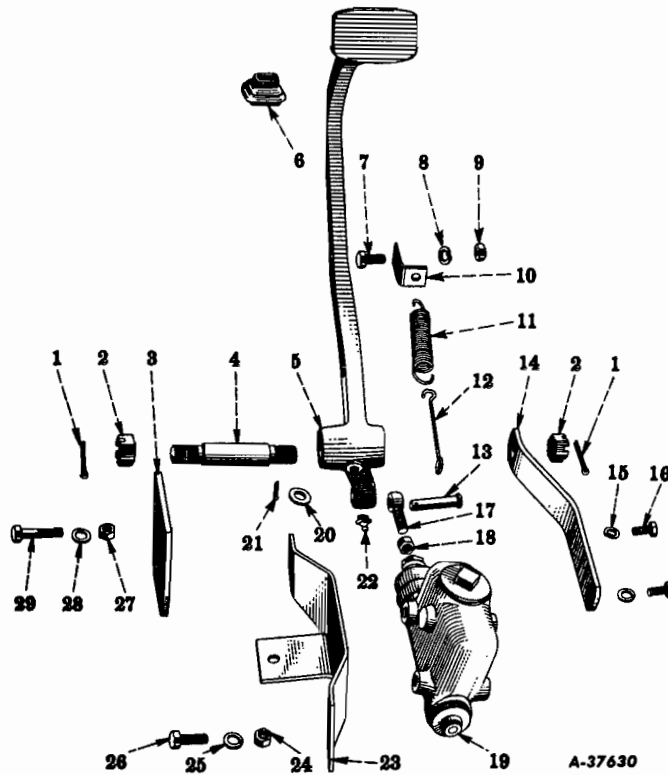


FIG. 04-10 – BRAKE CONTROL (Right Hand Drive)
(R-100, R-110, R-120, R-130 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	PIN, COTTER, 1/8 x 1-1/2"	2	103 387
2	NUT, HEX., SLT., 3/4NF	2	272 320
3	PLATE	1	75 526 RI
4	SHAFT	1	75 525 RI
5	PEDAL, w/BUSHING, ASM.	1	75 533 RI1
	BUSHING	1	95 122 H
6	SEAL	1	84 827 RI
7	BOLT, HEX-HD., 3/8NF x 7/8"	1	182 717
8	WASHER, L.K., 3/8", MED.	1	103 321
9	NUT, HEX., 3/8NF	1	103 026
10	BRACKET	1	120 980 H
11	SPRING	1	119 057 H
12	EXTENSION	1	75 528 RI
13	PIN	1	110 682 H
14	BRACE	1	75 529 RI
15	WASHER, L.K., 3/8", MED.	2	103 321
16	BOLT, HEX-HD., 3/8NC x 3/4"	2	181 108
17	EYE	1	52 568 H
18	NUT, HEX., 7/16NF	1	271 505
19	CYLINDER (SEE SEPARATE ILLUSTRATION)		
20	WASHER, FL., 7/16"	1	118 776

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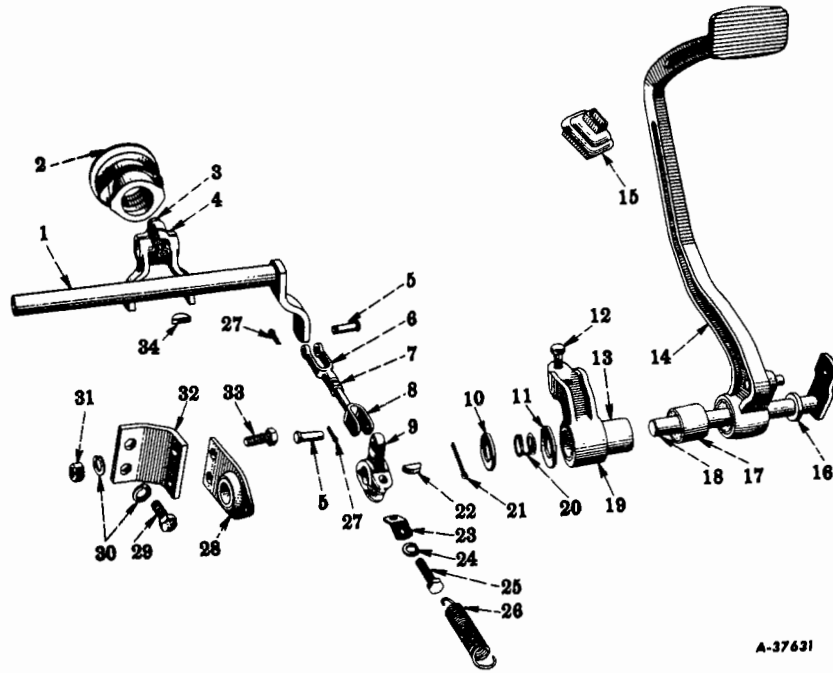
GROUP 04 - BRAKES



KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-10 - BRAKE CONTROL (Right Hand Drive) - Continued			
21	PIN, COTTER, 3/32 x 3/4"	1	103 373
22	LUBRICATOR, 1/8", STGHT.	1	109 461
23	BRACKET, ASM.	1	75 531 R11
24	NUT, HEX., 3/8NF	3	103 026
25	WASHER, LK., 3/8", MED.	5	103 321
26	BOLT, HEX-HD.		
	3/8NF x 1-1/8"	3	182 719
	3/8NC x 3/4"	2	181 108
27	NUT, HEX., 3/8NF	2	103 026
28	WASHER, LK., 3/8", MED.	2	103 321
29	BOLT, HEX-HD., 3/8NF x 1"	2	182 718

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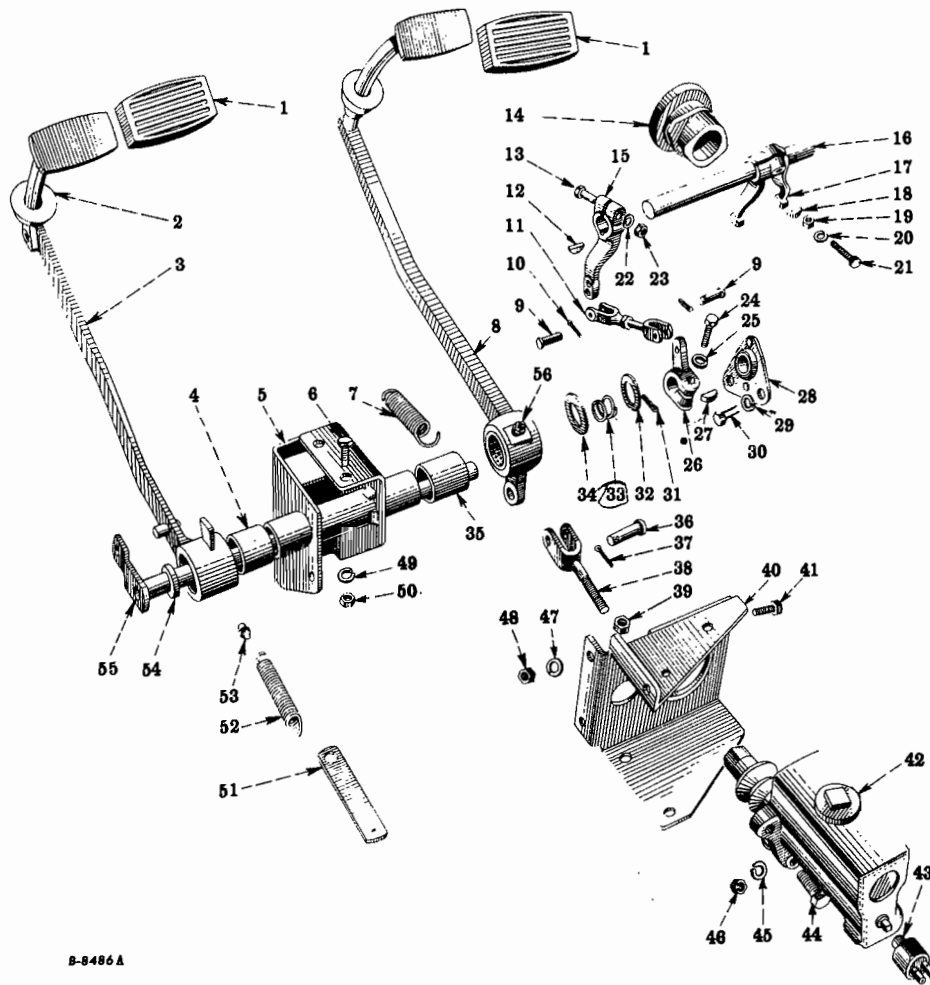
FIG. 04-11 — CLUTCH CONTROL (Right Hand Drive)
(R-100, R-110, R-120, R-130 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	SHAFT, w/LEVER, ASM.	1	72 860 R91
2	BEARING	1	121 515 R91
	SLEEVE, w/BEARING, ASM.	1	62 634 HDX
	LUBRICATOR, 1/8", STGHT.	1	109 461
3	BOLT, HEX-HD., 3/8NF x 1-3/4"	1	182 728
	NUT, HEX., 3/8NF	1	103 026
	WASHER, LK., 3/8", MED.	1	103 321
4	FORK	1	62 635 HC
5	PIN, ROD END, 3/8"	1	103 496
6	YOKE	1	110 590 R1
7	NUT, HEX., 3/8NF	1	103 026
8	ROD, ASM.	1	72 861 R91
9	LEVER	1	79 345 R1
10	WASHER	1	118 671
11	WASHER	1	118 780
12	BOLT, HEX-HD., 3/8NF x 1"	1	182 718
	NUT, HEX., 3/8NF	1	103 026
	WASHER, LK., 3/8", MED.	1	103 321
13	TUBE	1	75 264 R1
14	PEDAL, w/BUSHING, ASM.	1	75 269 R11
	LUBRICATOR, 1/8", 45°	1	126 152

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FIG. 04-12 - BRAKE AND CLUTCH CONTROL (Left Hand Drive)
(R-140-4x4, R-150, R-160, R-160-4x4 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	PAD	2	71 892 R1
2	SEAL	2	77 369 R1
3	PEDAL, w/BUSHING, ASM.	1	73 089 R9I
4	BUSHING	1	71 910 R1
5	BRACKET, w/TUBE, ASM.	1	73 093 R1I
6	BOLT, HEX-HD.		
	3/8NF x 7/8"	1	182 717
	3/8NF x 1"	3	182 718
	7/16NF x 1"	2	182 751
7	SPRING	1	85 902 R1
8	PEDAL, w/BUSHING, ASM.	1	72 120 R1I
9	PIN, ROD END, 3/8"	2	103 496
10	PIN, COTTER, 3/32 x 3/4"	2	103 373
11	ROD, ASM.	1	110 589 R9I
	NUT, HEX., JAM, 3/8NF	1	114 494
	YOKE	1	110 590 R1

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-12 - BRAKE AND CLUTCH CONTROL (Left Hand Drive) - Continued			
12	KEY, WOODRUFF, 1/4 x 7/8"	1	112 139
13	BOLT, HEX-HD., 3/8NF x 2"	1	182 730
14	BEARING	1	121 515 R9I
	SLEEVE, w/BEARING, ASM.	1	62 634 HDX
	LUBRICATOR, 1/8", STGHT.	1	109 461
15	LEVER	1	121 767 RI
16	TUBE	1	121 768 RI
17	FORK	1	62 635 HC
18	KEY, WOODRUFF, 1/4 x 7/8"	1	112 139
19	NUT, HEX., 3/8NF	1	103 026
20	WASHER, LK., 3/8", MED.	1	103 321
21	BOLT, HEX-HD., 3/8NF x 1-3/4"	1	182 728
22	WASHER, LK., 3/8", MED.	1	103 321
23	NUT, HEX., 3/8NF	1	103 026
24	BOLT, HEX-HD., 3/8NF x 1-1/4"	1	182 724
25	WASHER, LK., 3/8", MED.	1	103 321
26	LEVER	1	118 312 RI
27	KEY, WOODRUFF, 1/4 x 7/8"	1	112 139
28	BRACKET, ASM.	1	107 972 R9I
29	WASHER, LK., 3/8", MED.	2	103 321
30	BOLT, HEX-HD., 3/8NC x 3/4"	2	181 108
31	PIN, COTTER, 3/32 x 1"	1	103 374
32	WASHER, FL., 3/4 x 1-1/2"	1	118 780
33	SPRING	1	54 679 H
34	WASHER, FL., 3/4 x 2"	1	118 671
35	BUSHING	1	72 116 RI
36	PIN, ROD END, 1/2"	1	103 498
37	PIN, COTTER, 1/8 x 1"	1	103 385
38	ROD, ASM.	1	72 112 R1I
39	NUT, HEX., 7/16NF	1	271 505
40	BRACKET, ASM.	1	72 150 R1I
41	BOLT, HEX-HD. 3/8NF x 1-1/2"	4	182 726
	3/8NF x 1-1/4"	1	182 724
42	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)		
43	SWITCH, STOP LIGHT (SEE MASTER CYLINDER ILLUSTRATION)		
44	BOLT, HEX-HD., 3/8NF x 1-3/8"	3	182 725
45	WASHER, LK., 3/8", MED.	3	103 321
46	NUT, HEX., 3/8NF	3	103 026
47	WASHER, LK., 3/8", MED.	5	103 321
48	NUT, HEX., 3/8NF	5	103 026
49	WASHER, LK. 3/8", MED.	4	103 321
	7/16", MED.	2	103 322
50	NUT, HEX. 3/8NF	4	103 026
	7/16NF	2	271 505
51	BRACKET	1	73 086 RI

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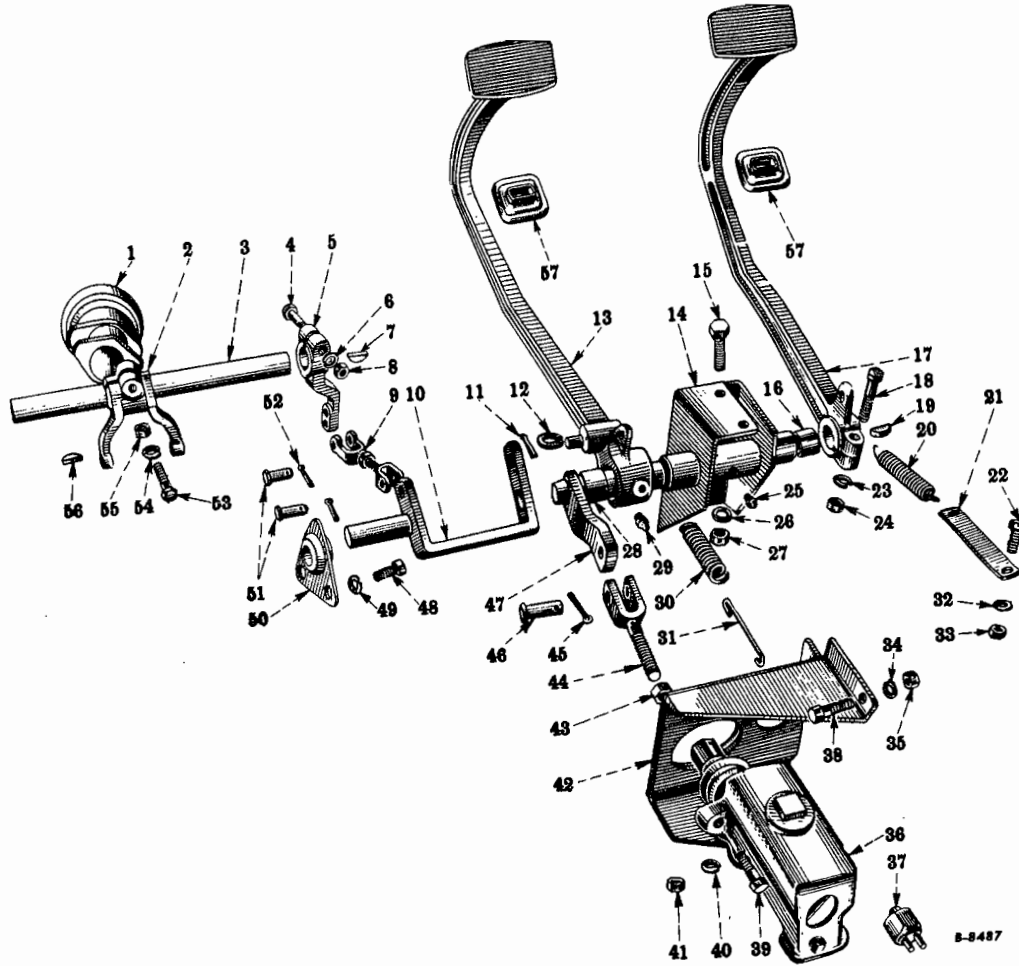


FIG. 04-13 - BRAKE AND CLUTCH CONTROL (Right Hand Drive)
(R-140-4x4, R-150, R-160, R-160-4x4 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	BEARING	1	121 515 R91
	SLEEVE, w/BEARING, ASM.	1	62 634 HDX
	LUBRICATOR, 1/8", STGHT.	1	109 461
2	FORK	1	62 635 HC
3	TUBE	1	121 770 R1
4	BOLT, HEX-HD., 3/8NF x 2"	1	182 730
5	LEVER	1	121 767 R1
6	WASHER, LK., 3/8", MED.	1	103 321
7	KEY, WOODRUFF, 1/4 x 7/8"	1	112 139
8	NUT, HEX., 3/8NF	1	103 026
9	ROD, ASM.	1	110 589 R91
	NUT, HEX., JAM, 3/8NF	1	114 494
	YOKE	1	110 590 R1
10	SHAFT, w/LEVER, ASM.	1	74 283 R21
11	PIN, COTTER, 3/32 x 3/4"	1	103 373
12	WASHER, FL., 7/16"	1	118 776

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-13 – BRAKE AND CLUTCH CONTROL (Right Hand Drive) - Continued			
13	PEDAL, w/BUSHING, ASM.	1	74 236 R11
14	BRACKET, w/TUBE, ASM.	1	74 187 R11
15	BOLT, HEX-HD.		
	3/8NF x 7/8"	1	182 717
	3/8NF x 1"	3	182 718
	7/16NF x 1"	2	182 751
16	BUSHING	2	63 196 H
17	PEDAL	1	74 099 R1
18	BOLT, HEX-HD., 3/8NF x 2"	1	182 730
19	KEY, WOODRUFF, 1/4 x 7/8"	1	112 139
20	SPRING	1	96 282 H
21	BRACKET	1	72 086 R1
22	BOLT, HEX-HD., 3/8NF x 1"	1	182 718
23	WASHER, L.K., 3/8", MED.	1	103 321
24	NUT, HEX., 3/8NF	1	103 026
25	LUBRICATOR, 1/4", STGHT.	1	81 300 H
26	WASHER, L.K.		
	3/8", MED.	4	103 321
	7/16", MED.	2	103 322
27	NUT, HEX.		
	3/8NF	4	103 026
	7/16NF	2	271 505
28	BUSHING	1	71 910 R1
29	LUBRICATOR, 1/8", 90°	1	109 462
30	SPRING	1	96 282 H
31	EXTENSION	1	54 000 H
32	WASHER, L.K., 3/8", MED.	1	103 321
33	NUT, HEX., 3/8NF	1	103 026
34	WASHER, L.K., 3/8", MED.	5	103 321
35	NUT, HEX., 3/8NF	5	103 026
36	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)		
37	SWITCH, STOP LIGHT (SEE MASTER CYLINDER ILLUSTRATION)		
38	BOLT, HEX-HD.		
	3/8NF x 1-1/2"	4	182 726
	3/8NF x 1-1/4"	1	182 724
39	BOLT, HEX-HD., 3/8NF x 1-3/8"	3	182 725
40	WASHER, L.K., 3/8", MED.	3	103 321
41	NUT, HEX., 3/8NF	3	103 026
42	BRACKET, ASM.	1	72 151 R11
43	NUT, HEX., 7/16NF	1	271 505
44	ROD, ASM.	1	72 112 R11
45	PIN, COTTER, 1/8 x 1"	1	103 385
46	PIN, ROD END, 1/2"	1	103 498
47	SHAFT, w/LEVER, ASM.	1	74 095 R11
48	BOLT, HEX-HD., 3/8NC x 3/4"	2	181 108
49	WASHER, L.K., 3/8", MED.	2	103 321
50	BRACKET, ASM.	1	107 972 R91
51	PIN, ROD END, 3/8"	2	103 496

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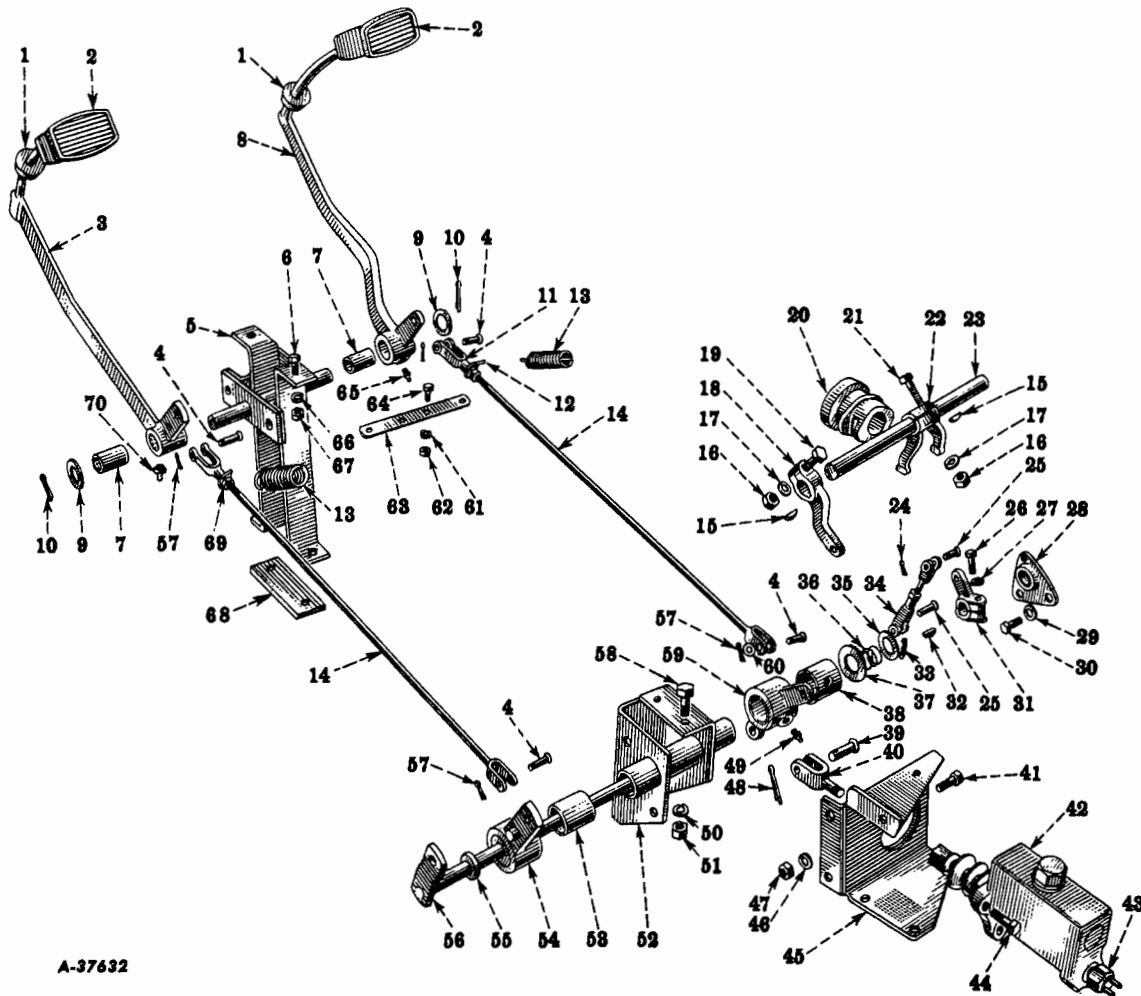
KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
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FIG. 04-13 - BRAKE AND CLUTCH CONTROL (Right Hand Drive) - Continued

52	PIN, COTTER, 3/32 x 3/4"	2	103 373
53	BOLT, HEX-HD., 3/8NF x 1-3/4"	1	182 728
54	WASHER, LK., 3/8", MED.	1	103 321
55	NUT, HEX., 3/8NF	1	103 026
56	KEY, WOODRUFF, 1/4 x 7/8"	1	112 139
57	SEAL	2	84 827 R1

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FIG. 04-14 - BRAKE AND CLUTCH CONTROL
(RC-160 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	SEAL	2	77 369 R1
2	PAD	1	71 892 R1
3	PEDAL, w/BUSHING, ASM.	1	84 520 R91
4	PIN, ROD END, 3/8"	4	103 496
5	BRACKET, ASM.	1	84 546 R91
6	BOLT, HEX-HD. 3/8NF x 7/8" 3/8NF x 1" 3/8NF x 1-1/4"	2 1 3	182 717 182 718 182 724
7	BUSHING	2	84 595 R1
8	PEDAL, w/BUSHING, ASM.	1	84 596 R11
9	WASHER	2	12 227 V
10	PIN, COTTER, 1/8 x 1-1/4"	2	103 386
11	YOKE	2	110 590 R1
12	CLIP	2	62 401 H
13	SPRING	2	75 711 R1

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GROUP 04 - BRAKES



KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-14 - BRAKE AND CLUTCH CONTROL - Continued			
14	ROD, ASM.	2	83 984 R91
15	KEY, WOODRUFF, 1/4 x 7/8"	2	112 139
16	NUT, HEX., 3/8NF	2	103 026
17	WASHER, LK., 3/8", MED.	2	103 321
18	LEVER	1	121 767 R1
19	BOLT, HEX-HD., 3/8NF x 2"	1	182 730
20	BEARING	1	121 515 R91
	SLEEVE, w/BEARING, ASM.	1	62 634 HDX
	LUBRICATOR, 1/8", STGHT.	1	109 461
21	BOLT, HEX-HD., 3/8NF x 1-3/4"	1	182 728
22	FORK	1	62 635 HC
23	TUBE	1	121 768 R1
24	PIN, COTTER, 3/32 x 3/4"	2	103 373
25	PIN, ROD END, 3/8"	2	103 496
26	BOLT, HEX-HD., 3/8NF x 1-1/4"	1	182 724
27	WASHER, LK., 3/8", MED.	1	103 321
28	BRACKET	1	107 972 R91
29	WASHER, LK., 3/8", MED.	1	103 321
30	BOLT, HEX-HD., 3/8NC x 3/4"	2	181 108
31	LEVER	1	118 312 R1
32	KEY, WOODRUFF, 1/4 x 7/8"	1	112 139
33	PIN, COTTER, 3/32 x 1"	1	103 374
34	ROD, ASM.	1	110 589 R91
	NUT, HEX., 3/8NF	1	103 026
	YOKE	1	110 590 R1
35	WASHER, FL., 3/4 x 1-1/2"	1	118 780
36	SPRING	1	54 679 H
37	WASHER, FL., 3/4 x 2"	1	118 671
38	BUSHING	1	72 116 R1
39	PIN, ROD END, 1/2"	1	103 498
40	ROD, ASM.	1	72 112 R11
	NUT, HEX., 7/16NF	1	271 505
41	BOLT, HEX-HD.		
	3/8NF x 1-1/4"	4	182 724
	3/8NF x 1-1/2"	1	182 726
42	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)		
43	SWITCH, STOP LIGHT (SEE MASTER CYLINDER ILLUSTRATION)		
44	BOLT, HEX-HD., 3/8NF x 1-1/4"	3	182 724
	NUT, HEX., 3/8NF	3	103 026
	WASHER, LK., 3/8", MED.	3	103 321
45	BRACKET, ASM.	1	72 150 R11
46	WASHER, LK., 3/8", MED.	5	103 321
47	NUT, HEX., 3/8NF	5	103 026
48	PIN, COTTER, 1/8 x 1"	1	103 385
49	LUBRICATOR, 1/8", 45°	1	126 152

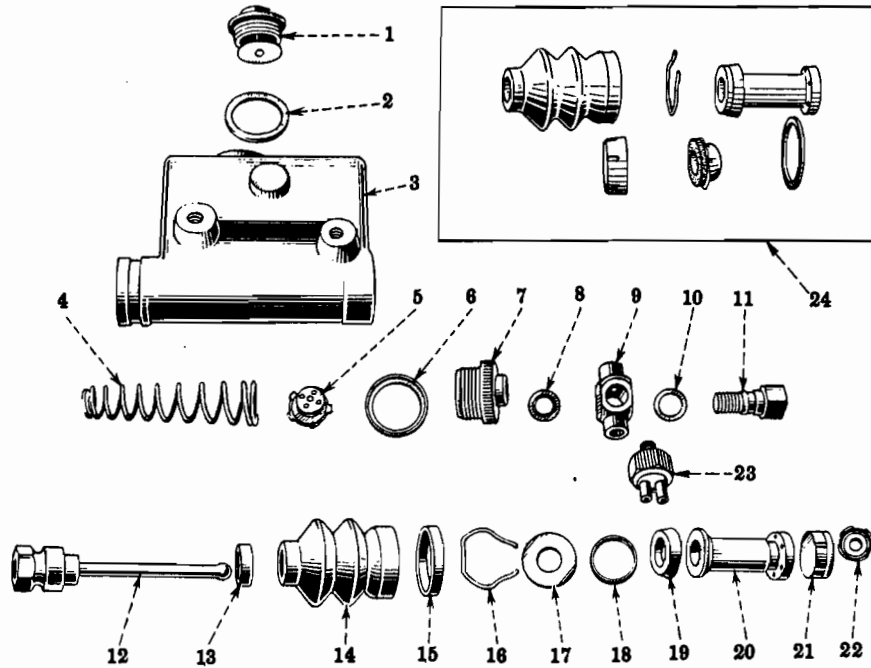


FIG. 04-15 - BRAKE MASTER CYLINDER
(R-100, R-110, R-120, R-130 Series - Without Hydrovac)

A-37917

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	CYLINDER, MASTER, ASM.	1	48 638 HA
1	CAP, ASM.	1	92 145 HBX
2	GASKET	1	92 148 H
3	BODY, w/CAP, ASM.	1	92 144 HX
4	SPRING, w/RETAINER, ASM.	1	53 393 HX
5	VALVE, ASM.	1	53 384 HBY
6	GASKET	1	53 385 HA
7	HEAD	1	53 386 H
8	GASKET	1	48 167 H
9	FITTING	1	68 327 H
10	GASKET	1	48 166 H
11	BOLT	1	48 165 H
12	ROD, ASM.	1	52 995 HAX
13	STRAP	1	52 048 H
14	BOOT	1	52 997 H
15	STRAP	1	51 911 H
16	RING	1	52 999 H
17	PLATE	1	53 382 H
18	RING	1	53 391 H
19	CUP, SECONDARY	1	53 392 H
20	PISTON, w/SECONDARY CUP, ASM.	1	53 389 HY
21	CUP, PRIMARY	1	53 383 H
22	NOT SERVICED SEPARATELY		
23	SWITCH, ASM.	1	95 119 H
24	KIT, MAS. CYL. REPAIR	1	121 402 HB

RIGHT HAND DRIVE

9	FITTING	1	53 388 H
11	BOLT	1	68 326 H

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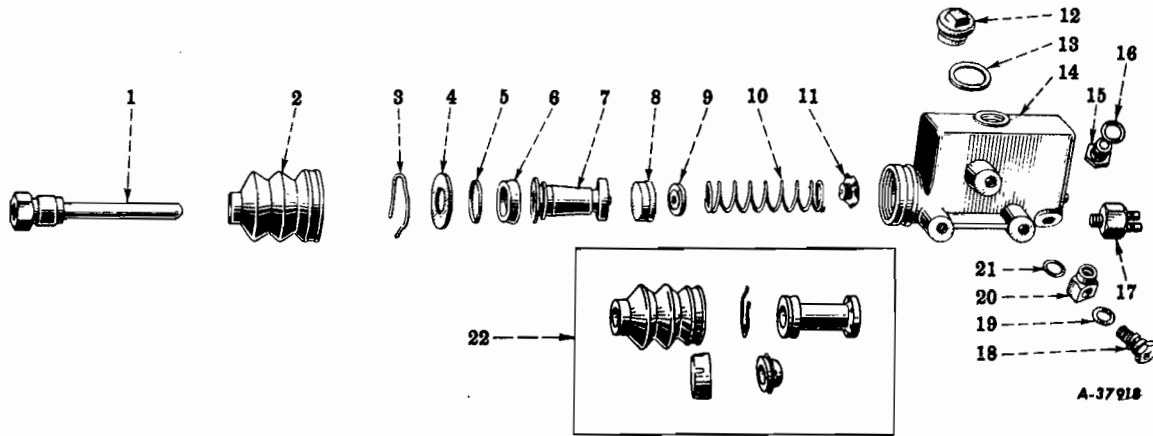
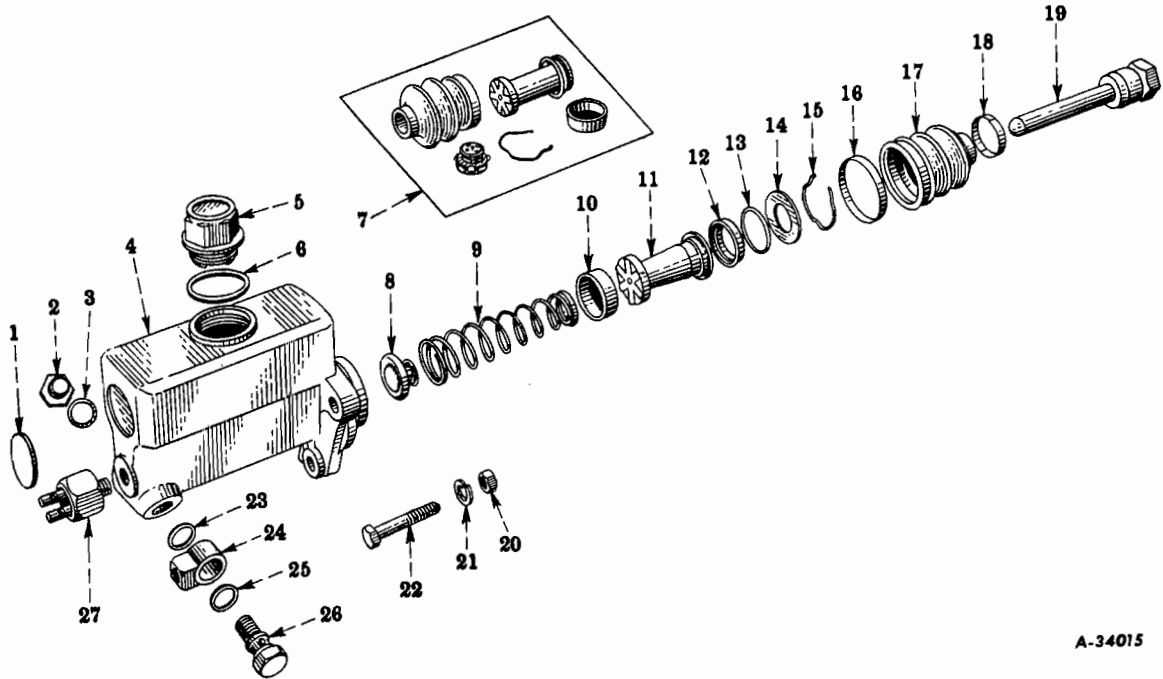


FIG. 04-16 - BRAKE MASTER CYLINDER
(R-130 Series - With Hydrovac, Code 0401)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	CYLINDER, MASTER, ASM.	1	104 414 HAY
1	ROD, ASM.	1	52 046 HX
2	BOOT	1	52 049 H
3	RING	1	52 327 H
4	WASHER	1	52 328 H
5	RING	1	52 330 H
6	CUP, SECONDARY	1	52 409 H
7	PISTON, w/SECONDARY CUP, ASM.	1	52 329 HY
8	CUP, PRIMARY	1	52 411 H
9	NOT SERVICED SEPARATELY		
10	SPRING, w/RETAINER, ASM.	1	52 413 HX
11	VALVE, ASM.	1	52 414 HBY
12	CAP, ASM.	1	92 145 HBX
13	GASKET	1	92 148 H
14	BODY, w/CAP, ASM.	1	111 991 HX
15	PLUG	1	49 035 H
16	GASKET	1	49 034 H
17	SWITCH, ASM.	1	57 516 R91
18	BOLT	1	48 165 H
19	GASKET	1	48 166 H
20	FITTING	1	59 150 H
21	GASKET	1	48 167 H
22	KIT, MAS. CYL. REPAIR	1	121 400 H

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FIG. 04-17 - BRAKE MASTER CYLINDER
 (R-140-4x4 - Without Hydrovac)
 (R-150 - With Standard Brakes and Without Hydrovac)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	CYLINDER, MASTER, ASM.	1	89 410 R91
1	PLUG, EXPANSION, 1-1/4"	1	172 558
2	PLUG	1	49 035 H
3	GASKET	1	49 034 H
4	BODY, LESS CAP	1	88 293 R11
5	CAP, ASM.	1	52 043 HAX
6	GASKET	1	52 045 HA
7	KIT, MAS. CYL. REPAIR	1	121 402 HB
8	VALVE, ASM.	1	53 384 HBY
9	SPRING, w/RETAINER, ASM.	1	53 393 HX
10	CUP, PRIMARY	1	53 383 H
11	PISTON, w/SECONDARY CUP, ASM.	1	53 389 HY
12	CUP, SECONDARY	1	53 392 H
13	RING	1	53 391 H
14	PLATE	1	53 382 H
15	RING	1	52 999 H
16	STRAP	1	51 911 H
17	BOOT	1	52 997 H
18	STRAP	1	52 048 H
19	ROD, ASM.	1	88 294 R91
20	NUT (SEE BRAKE CONTROL ILLUSTRATION)		
21	WASHER (SEE BRAKE CONTROL ILLUSTRATION)		
22	BOLT (SEE BRAKE CONTROL ILLUSTRATION)		
23	GASKET	1	48 167 H
24	FITTING	1	59 150 H
25	GASKET	1	48 166 H
26	BOLT	1	48 165 H
27	SWITCH, ASM.	1	95 119 H

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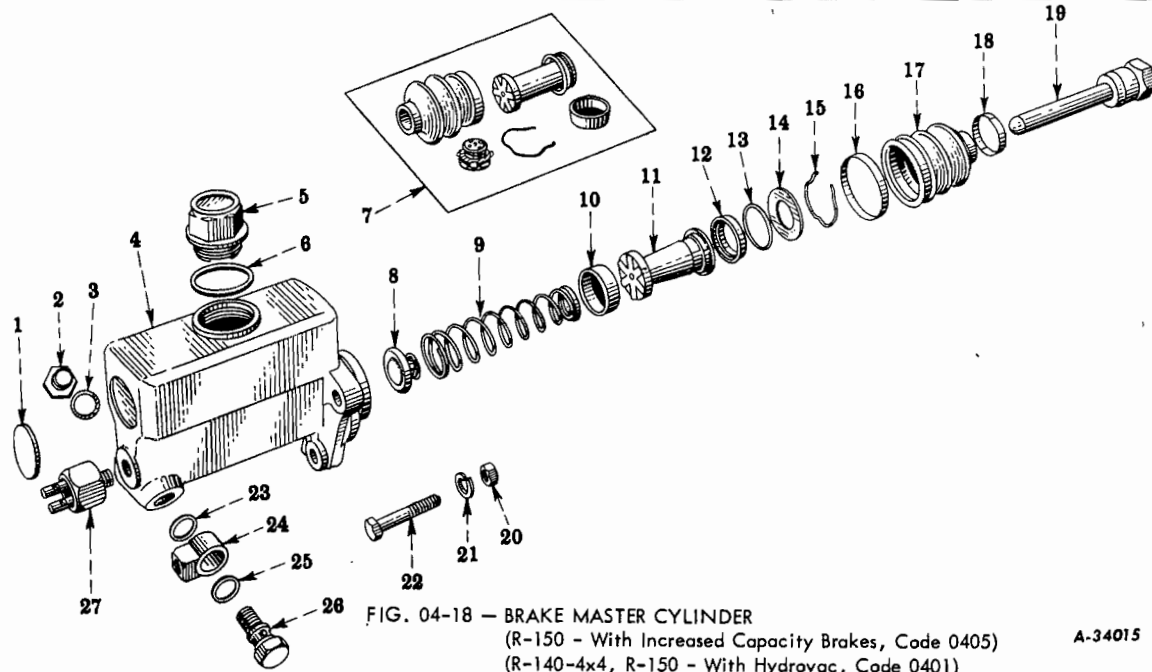
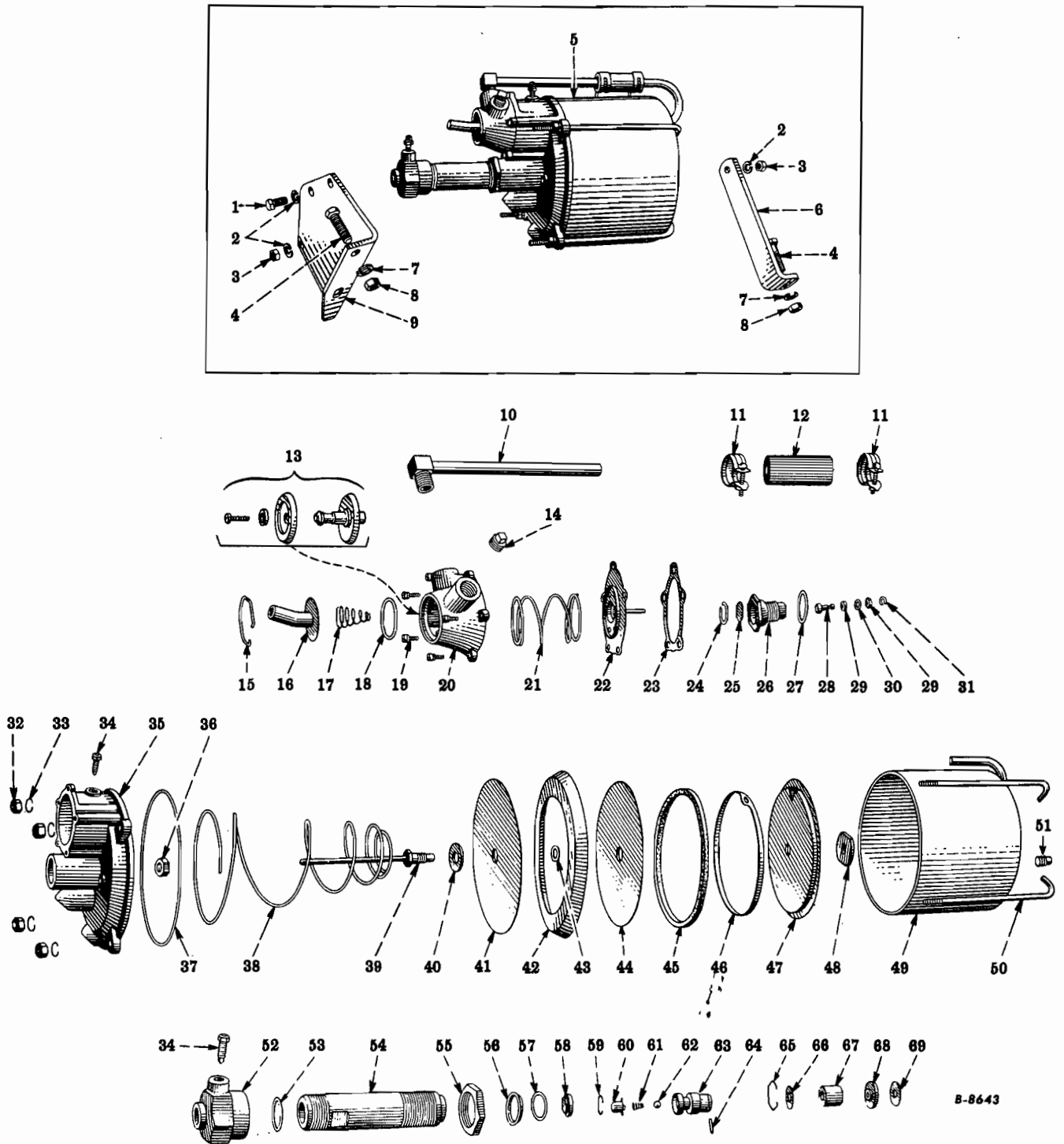


FIG. 04-18 - BRAKE MASTER CYLINDER
 (R-150 - With Increased Capacity Brakes, Code 0405)
 (R-140-4x4, R-150 - With Hydrovac, Code 0401)
 (R-153, R-160, R-163, R-164, R-165, R-160-4x4, RC-160)

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	CYLINDER, MASTER, ASM.	1	49 103 H
1	PLUG, EXPANSION, 1-1/4"	1	172 558
2	PLUG	1	49 035 H
3	GASKET	1	49 034 H
4	BODY, LESS CAP	1	53 453 HX
5	CAP, ASM.	1	52 043 HAX
6	GASKET	1	52 045 HA
7	KIT, MAS. CYL. REPAIR	1	121 400 H
8	VALVE, ASM.	1	52 414 HBY
9	SPRING, w/RETAINER, ASM.	1	52 413 HX
10	CUP, PRIMARY	1	52 411 H
11	PISTON, w/SECONDARY CUP, ASM.	1	52 329 HY
12	CUP, SECONDARY	1	52 409 H
13	RING	1	52 330 H
14	WASHER	1	52 328 H
15	RING	1	52 327 H
16	NOT USED		
17	BOOT	1	52 049 H
18	NOT USED		
19	ROD, ASM.	1	52 046 HX
20	NUT (SEE BRAKE CONTROL ILLUSTRATION)		
21	WASHER (SEE BRAKE CONTROL ILLUSTRATION)		
22	BOLT (SEE BRAKE CONTROL ILLUSTRATION)		
23	GASKET	1	48 167 H
24	FITTING	1	59 150 H
25	GASKET	1	48 166 H
26	BOLT	1	48 165 H
27	SWITCH, ASM.		
	w/o HYDROVAC	1	95 119 H
	w/HYDROVAC	1	57 516 R91

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FIG. 04-19 - HYDROVAC CYLINDER
(Standard For R-160, R-160-4x4, RC-160 Series)
(Code 0401 For R-130, R-140-4x4, R-150 Series)

(See following page for parts)

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GROUP 04 - BRAKES



KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER	
			R-130 SERIES	R-140-4x4 R-150, R-160 R-160-4x4, RC-160 SERIES
FIG. 04-19 - HYDROVAC CYLINDER				
1	BOLT, HEX-HD. 5/16NF x 5/8"	1	182 685	
	5/16NF x 3/4"	1		182 687
2	WASHER, L.K., 5/16", MED.	4	103 320	
3	NUT, HEX., 5/16NF	3	103 025	103 025
4	BOLT, HEX-HD., 3/8NF x 1"	3	182 718	182 718
5	HYDROVAC, ASM.	1	91 043 R91	77 180 R91
6	BRACKET	1	77 408 R1	SEE NOTE "A"
7	WASHER, L.K., 3/8", MED.	3	103 321	103 321
8	NUT, HEX., 3/8NF	3	103 026	103 026
9	BRACKET	1	77 407 R1	SEE NOTE "A"
10	ELBOW, w/BUSHING, ASM.	1	92 256 R91	78 649 R11
11	CLAMP	2	996 261 R91	996 261 R91
12	HOSE	1	114 473 H	114 473 H
13	KIT, CON. VALVE REPAIR	1	70 270 R91	70 270 R91
14	PLUG, PIPE, SQ-HD., 3/8"	1	103 867	103 867
⊕ 15	RING	1	55 186 R1	55 186 R1
16	TUBE, w/COVER, ASM.	1	92 255 R11	78 647 R11
⊕ 17	SPRING	1	78 651 R1	78 651 R1
⊕ 18	GASKET	1	55 185 R1	55 185 R1
19	SCREW, w/WASHER, ASM.	5	16 784 R91	16 784 R91
20	BODY, w/POPPET, ASM.	1	78 645 R91	78 645 R91
21	SPRING	1	55 221 R2	55 221 R2
⊕ 22	DIAPHRAGM, w/PLATES, ASM.	1	78 659 R91	78 659 R91
⊕ 23	GASKET	1	55 181 R1	55 181 R1
⊕ 24	RING	1	55 163 R1	55 163 R1
25	WASHER	1	55 162 R1	55 162 R1
26	SLEEVE	1	92 249 R1	78 639 R1
⊕ 27	SEAL	1	66 475 R1	66 475 R1
⊕ 28	PISTON	1	92 251 R1	
	PISTON, w/CUPS, ASM.	1		78 640 R11
⊕ 29	CUP	2	114 865 H	78 641 R1
⊕ 30	WASHER	1	92 253 R1	78 642 R1
⊕ 31	WASHER	1	92 252 R1	78 643 R1
32	NUT, HEX., 5/16NF	4	103 320	103 320
33	WASHER, L.K., 5/16", MED.	4	103 025	103 025
34	SCREW	2	80 341 R1	80 341 R1
35	PLATE, w/SEAL, ASM.	1	92 250 R11	78 638 R11
⊕ 36	SEAL	1	30 939 DA	30 939 DA
⊕ 37	SEAL	1	61 839 R1	61 839 R1
38	SPRING	1	92 271 R1	78 672 R1
39	ROD, ASM.	1	92 259 R11	78 671 R11
40	WASHER	1	78 670 R1	78 670 R1
⊕	KIT, VACUUM PISTON REPAIR	1	78 665 R91	78 665 R91
⊕	KIT, HYDROVAC REPAIR	1	92 304 R92	
⊕	KIT, HYDROVAC REPAIR	1		78 666 R93
	NOTE "A" - ONE BRACKET, FRONT, 77 407 R1, AND ONE BRACKET, REAR, 77 408 R1, USED ON R-140 - 4 x 4; R-160 - 4 x 4; R-150 WITH 130, 142, 154" W.B.; R-153 WITH 130, 142" W.B.; R-160, R-164, R-165; RC-160 ONE BRACKET, FRONT, 58 904 R2, AND ONE BRACKET, REAR, 77 955 R1, USED ON R-150 WITH 172" W.B.; R-153 WITH 154, 172" W.B.; R-163			

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GROUP 04 -- BRAKES



KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER	
			R-130 SERIES	R-140-4x4 R-150, R-160 R-160-4x4, RC-160 SERIES
FIG. 04-19 -- HYDROVAC CYLINDER - Continued				
41	PLATE	1	78 669 R1	78 669 R1
⊛42	PACKING	1	70 870 H	70 870 H
43	SEAL	1	55 208 R1	55 208 R1
44	PLATE	1	78 668 R1	78 668 R1
⊛45	WICK	1	130 979 HA	130 979 HA
⊛46	RING	1	70 869 H	70 869 H
47	RETAINER	1	X 78 667 R1	78 667 R1
⊛48	NUT	1	55 209 R1	55 209 R1
49	CYLINDER, w/TUBE, ASM.	1	92 269 R11	78 611 R11
50	BOLT	4	92 270 R1	78 664 R1
51	PLUG, PIPE, SQ-HD., 1/8"	1	103 865	103 865
52	CAP	1	92 265 R1	78 658 R1
⊕⊕53	GASKET	1	92 267 R1	55 172 R1
54	TUBE	1	92 264 R1	78 657 R1
55	NUT	1	92 266 R1	55 191 R2
⊕⊕56	SEAL	1	92 268 R1	70 402 R1
⊕⊕57	SEAL	1	92 272 R1	55 193 R1
⊕⊕58	CUP	1	92 262 R1	78 655 R1
⊕⊕59	RING	1	55 200 R1	55 200 R1
60	RETAINER	1	55 199 R1	55 199 R1
61	SPRING	1	55 201 R1	55 201 R1
62	BALL, 9/32"	1	17 009 R1	17 009 R1
63	PISTON, w/VALVE, ASM.	1	92 260 R91	78 653 R91
⊕⊕64	PIN	1	55 213 R1	55 213 R1
⊕⊕65	RING	1	55 171 R1	55 171 R1
66	WASHER	1	55 170 R2	55 170 R2
⊕⊕67	RETAINER	1	98 417 R1	98 417 R1
⊕⊕68	CUP	1	86 686 R1	86 686 R1
⊕⊕69	WASHER	1	55 166 R1	55 166 R1
⊛	KIT, VACUUM PISTON REPAIR	1	78 665 R91	78 665 R91
⊕	KIT, HYDROVAC REPAIR	1	92 304 R92	
⊕	KIT, HYDROVAC REPAIR	1		78 666 R93

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GROUP 04 - BRAKES

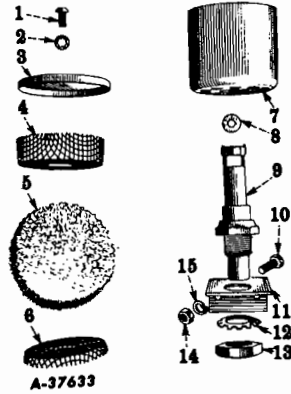
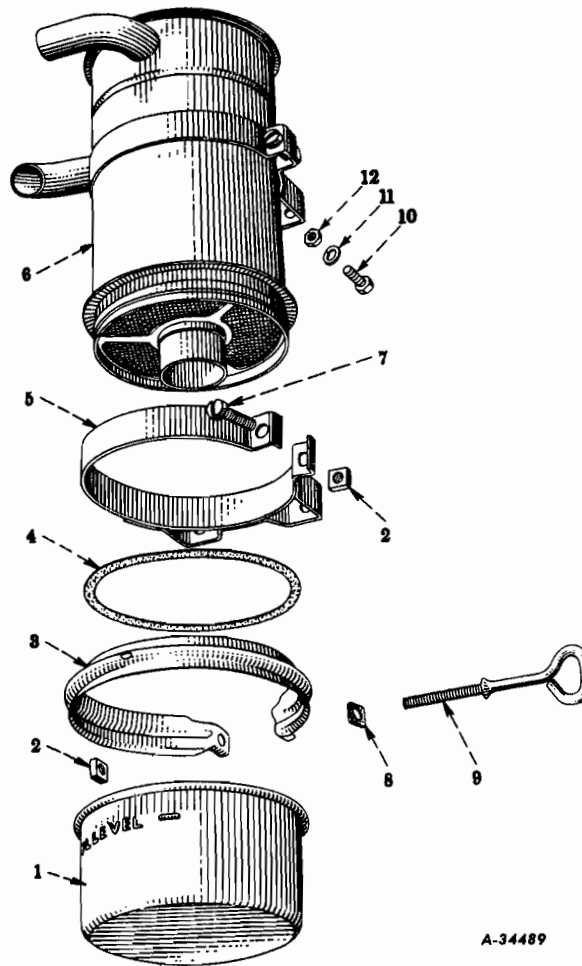


FIG. 04-20 - HYDROVAC AIR LINE AIR CLEANER (Code 0401)
(R-130 Series - With Hoof Governor, Code 1554)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	CLEANER, ASM.	1	76 791 R9I
1	SCREW, RD-HD., 1/4NC x 1/2"	1	113 955
2	WASHER, LK., 1/4", INT.	1	138 167
3	COVER	1	136 923 H
4	SCREEN	1	113 740 H
5	PAD	1	30 493 H
6	SCREEN	1	113 741 H
7	SHELL	1	113 739 H
8	GASKET	1	136 924 H
9	TUBE	1	78 115 RI
10	BOLT, HEX-HD., 1/4NF x 5/8"	2	182 650
11	BRACKET	1	77 424 RI
12	WASHER, LK., 3/4", INT.	1	138 508
13	NUT, HEX., JAM, 3/4NF	1	219 753
14	NUT, HEX., 1/4NF	2	103 024
15	WASHER, LK., 1/4", MED.	2	103 319

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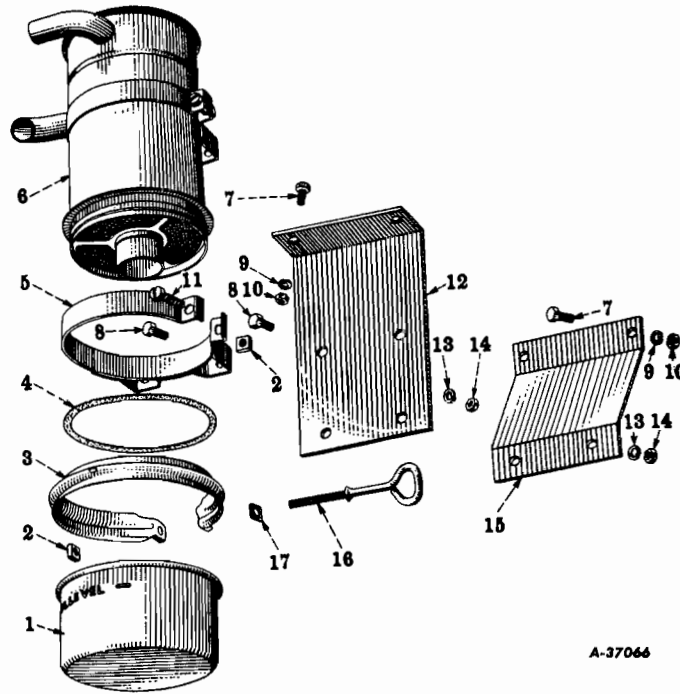
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FIG. 04-21 – VACUUM LINE OIL BATH AND CLEANER (Codes 0406, 0418)
(R-130, R-140-4x4, R-150, R-160, R-160-4x4 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	CLEANER, ASM.	1	77 350 R91
1	CUP, ASM.	1	52 871 D
2	NUT, SQ., 1/4NC	3	105 604
3	CLAMP, ASM.	1	52 872 D
4	GASKET	1	75 604 R1
5	BAND, ASM.	2	80 009 R91
6	BODY, ASM.	1	80 008 R91
7	SCREW, FIL-HD., 1/4NC x 1"	2	114 357
8	WASHER	1	86 477 H
9	BOLT	1	86 248 H
10	BOLT, HEX-HD., 1/4NF x 5/8"	4	182 650
11	WASHER, L.K., 1/4", MED.	4	103 319
12	NUT, HEX., 1/4NF	4	103 024

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GROUP 04 - BRAKES

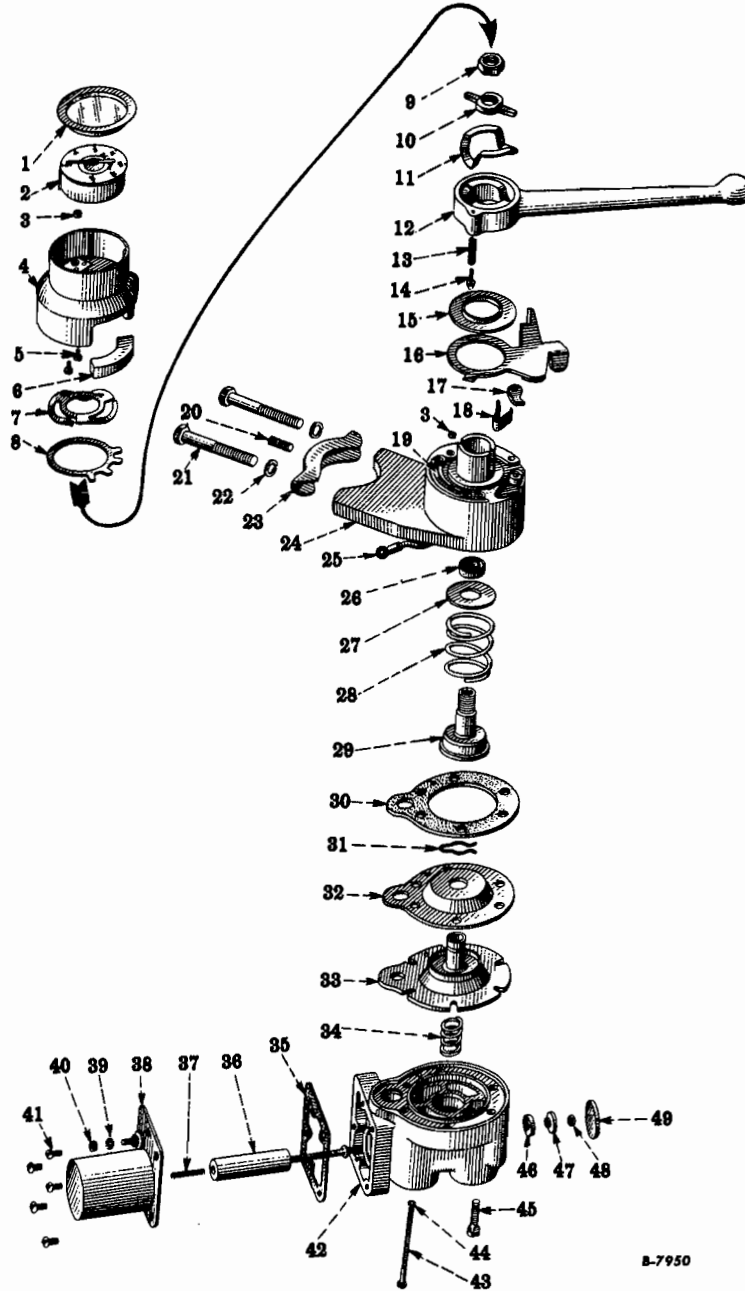


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FIG. 04-22 - VACUUM LINE OIL BATH AIR CLEANER (Codes 0406, 0418)
(RC-160 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	CLEANER, ASM.	1	69 508 R9I
1	CUP, ASM.	1	52 871 D
2	NUT, SQ., 1/4NC	3	105 604
3	CLAMP, ASM.	1	52 872 D
4	GASKET	1	75 604 RI
5	BAND, ASM.	2	70 184 R9I
6	BODY, ASM.	1	70 183 R9I
7	BOLT, HEX-HD., 3/8NF x 7/8"	4	182 717
8	BOLT, HEX-HD., 1/4NF x 3/4"	4	182 654
9	WASHER, LK., 3/8", MED.	4	103 321
10	NUT, HEX., 3/8NF	4	103 026
11	SCREW, FIL-HD., 1/4NC x 1"	2	114 357
12	BRACKET	1	91 760 RI
13	WASHER, LK., 1/4", MED.	4	103 319
14	NUT, HEX., 1/4NF	4	103 024
15	SUPPORT	1	93 728 RI
16	BOLT	1	86 248 H
17	WASHER	1	86 477 H

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FIG. 04-23 - TRAILER HAND CONTROL VALVE (Code 0441)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	VALVE, ASM.	1	116 346 R91
1	BEZEL, ASM.	1	82 360 R91
2	GAUGE, ASM.	1	82 361 R91
(*) 3	GASKET	2	82 357 R1
4	COVER, w/GAUGE, ASM.	1	82 358 R91
5	SCREW, RD-HD., No. 6NC x 3/8"	2	100 737
(*)	KIT, REPAIR	1	126 600 R91

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GROUP 04 - BRAKES

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
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FIG. 04-23 - TRAILER HAND CONTROL VALVE (Code 0441) - Continued

(*) 6	PAD	1	82 355 R1
7	WASHER	1	82 353 R1
8	RETAINER	1	82 356 R1
9	NUT	1	82 354 R1
10	COLLAR	1	82 386 R1
11	CAM	1	82 385 R1
12	HANDLE	1	82 384 R2
13	SPRING	1	117 352 R1
14	PLUNGER	1	117 353 R1
(*) 15	BUSHING	1	82 383 R1
16	PLATE, w/RATCHET, ASM.	1	117 348 R11
17	PAWL	1	117 351 R1
18	SPRING	1	117 350 R1
19	PLATE, ASM.	1	117 344 R91
20	SCREW, SET, 1/4NF x 3/4"	1	9 400 875
21	BOLT	2	84 035 R1
22	WASHER, LK., 5/16", MED.	2	103 320
23	CLAMP	1	82 362 R1
24	BODY, ASM.	1	117 341 R91
25	TERMINAL	1	117 354 R1
(*) 26	SEAL	1	82 381 R1
27	RETAINER	1	82 382 R1
28	SPRING	1	82 380 R1
29	TUBE, w/POPPET VALVE, ASM.	1	82 375 R11
(*) 30	GASKET	1	82 367 R1
(*) 31	PIN	1	109 082 R1
32	PLATE	1	82 374 R1
33	DIAPHRAGM, w/TUBE, ASM.	1	82 369 R92
34	SPRING	1	82 368 R1
(*) 35	GASKET	1	117 337 R1
36	PLUNGER	1	117 336 R1
37	SPRING	1	88 274 R1
38	COIL, w/HOUSING, ASM.	1	117 320 R91
39	WASHER, LK., No. 10, EXT.	2	138 481
40	NUT, HEX., No. 10NF	2	103 088
41	SCREW, TAP, FIL-HD., No. 8 x 3/8"	4	172 129
42	BODY, ASM.	1	117 332 R91
43	SCREW, FIL-HD., No. 8NC x 2-1/4"	3	132 015
44	WASHER, LK., No. 8, INT.	3	118 869
45	SCREW, w/LOCKWASHER, ASM.	3	56 444 R91
(*) 46	SEAL	1	117 338 R1
47	RETAINER	1	117 339 R1
48	NUT	1	107 361 H
(*) 49	PLUG	1	117 335 R1
(*)	KIT, REPAIR	1	126 600 R91

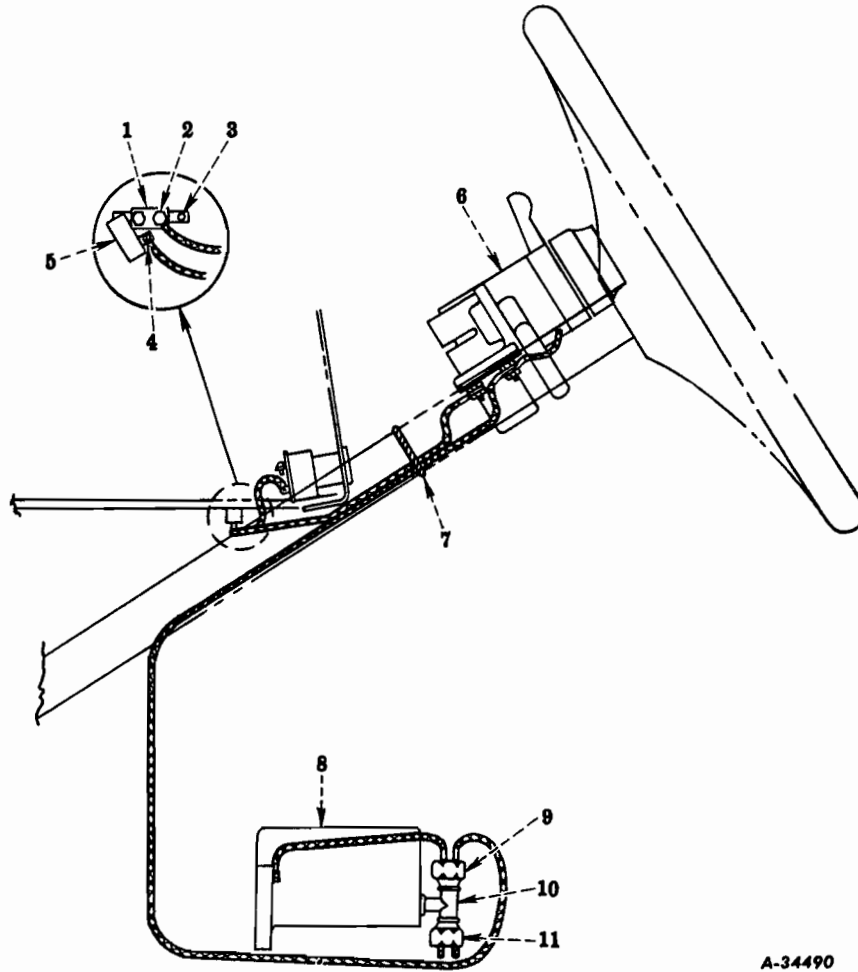
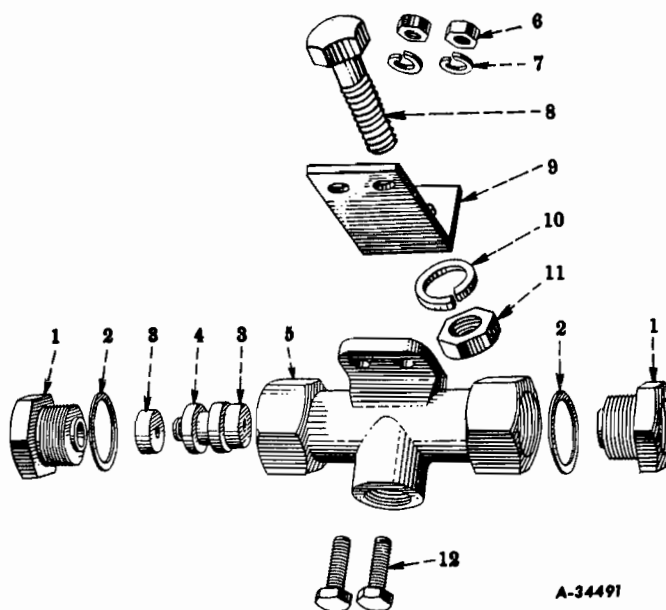


FIG. 04-24 – CIRCUIT BREAKER, RESISTOR AND ACTUATING SWITCH
(For Trailer Hand Control Valve, Code 0441)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	BREAKER	1	107 839 R91
2	NUT, HEX., No. 10NF	2	103 088
	WASHER, LK., No. 10, INT.	2	138 481
3	SCREW, TAP., PAN-HD., No. 10 x 1/2"	2	145 193
4	NUT, HEX., No. 10NF	1	103 088
	SCREW, RD-HD., No. 10NF x 3/8"	1	100 763
	WASHER	1	79 086 R1
5	RESISTOR	1	123 093 R1
6	VALVE, HAND CONTROL (SEE SEPARATE ILLUSTRATION)		
7	SPRING	1	104 605 R1
8	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)		
9	SWITCH, ASM.	1	120 874 R91
10	TEE	1	444 238
11	SWITCH, STOP LIGHT (SEE SEPARATE ILLUSTRATION)		

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GROUP 04 – BRAKES



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FIG. 04-25 — TRANSFER VALVE (For Trailer Hand Control Valve, Code 0441)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	VALVE, ASM.	1	142 416 H
1	FITTING	2	144 446 H
2	GASKET	2	130 850 H
3	DISC	2	144 445 H
4	PISTON	1	144 444 H
5	NOT SERVICED SEPARATELY		
6	NUT, HEX., 1/4NF	2	103 024
7	WASHER, LK., 1/4", MED.	2	103 319
8	BOLT, HEX-HD., 3/8NF x 1"	1	182 718
9	BRACKET (R-160 SERIES ONLY)	1	78 424 RI
10	WASHER, LK., 3/8", MED. (R-160 SERIES ONLY)	1	103 321
11	NUT, HEX., 3/8NF (R-160 SERIES ONLY)	1	103 026
12	BOLT, HEX-HD., 1/4NF x 3/4"	2	182 654

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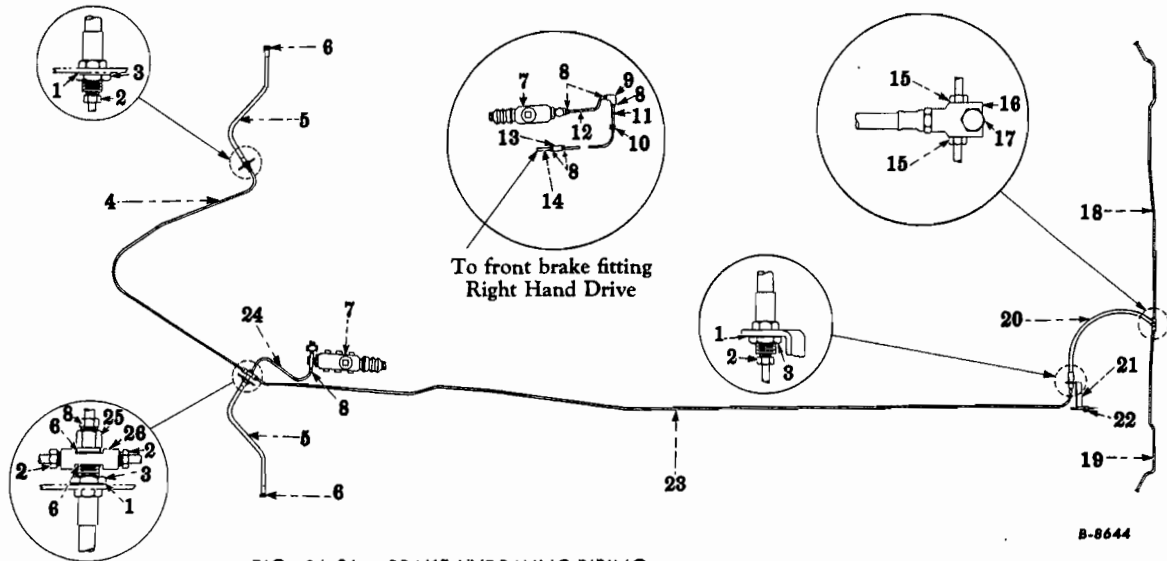


FIG. 04-26 - BRAKE HYDRAULIC PIPING
(R-100, R-110, R-120, R-130 Series - Without Hydrovac)

KEY	DESCRIPTION	NO. REQ'D MODELS			I H PART NUMBER
		R-100 SERIES	R-110 R-120 SERIES	R-130 SERIES	
1	WASHER, LK., 5/8", INT.	AR	AR	AR	115 553
2	NUT, INVERTED FLARED TUBE, 1/4"	AR	AR	AR	137 397
3	NUT	AR	AR	AR	124 708 H
4	PIPE, 1/4"	1	1	1	995 061 R1
5	HOSE				
	R-100 SERIES	2			48 159 HA
	R-110, R-120, R-130 SERIES		2	2	48 150 HA
6	GASKET	4	4	4	48 123 H
7	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)				
8	NUT, INVERTED FLARED TUBE, 5/16"	AR	AR	AR	137 398
9	ELBOW	1	1	1	63 260 H
10	GROMMET	1	1	1	59 995 R1
11	PIPE, 5/16"	1	1	1	995 062 R1
12	PIPE, 5/16"	1	1	1	995 062 R1
13	CONNECTOR	1	1	1	48 090 H
14	PIPE, 5/16"	1	1	1	995 062 R1
15	NUT, INVERTED FLARED TUBE				
	3/16"	4			137 396
	1/4"		4	4	137 397
16	TEE				
	R-100 SERIES	1			127 492 R1
	R-110, R-120, R-130 SERIES		1	1	48 156 H
17	BOLT, HEX-HD.				
	5/16NC x 1-1/4"	1			181 090
	7/16NF x 1-1/4"		1	1	182 753
	WASHER, LK.				
	5/16", MED.	1			103 320
	7/16", MED.		1	1	103 322

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KEY	DESCRIPTION	NO. REQ'D MODELS			IH PART NUMBER
		R-100 SERIES	R-110 R-120 SERIES	R-130 SERIES	

FIG. 04-26 – BRAKE HYDRAULIC PIPING - Continued

18	PIPE				
	3/16"	1			995 060 RI
	1/4"		1	1	995 061 RI
19	PIPE				
	3/16"	1			995 060 RI
	1/4"		1	1	995 061 RI
20	HOSE	1	1	1	49 567 H
21	BRACKET	1	1	1	71 891 RI
22	BOLT, HEX-HD., 3/8NF x 7/8"	1	1	1	182 717
	NUT, HEX., 3/8NF	1	1	1	103 026
	WASHER, LK., 3/8", MED.	1	1	1	103 321
23	PIPE, 1/4"	1	1	1	995 061 RI
24	PIPE, 5/16"	1	1	1	995 062 RI
25	BOLT	1	1	1	95 525 H
26	FITTING	1	1	1	88 262 H

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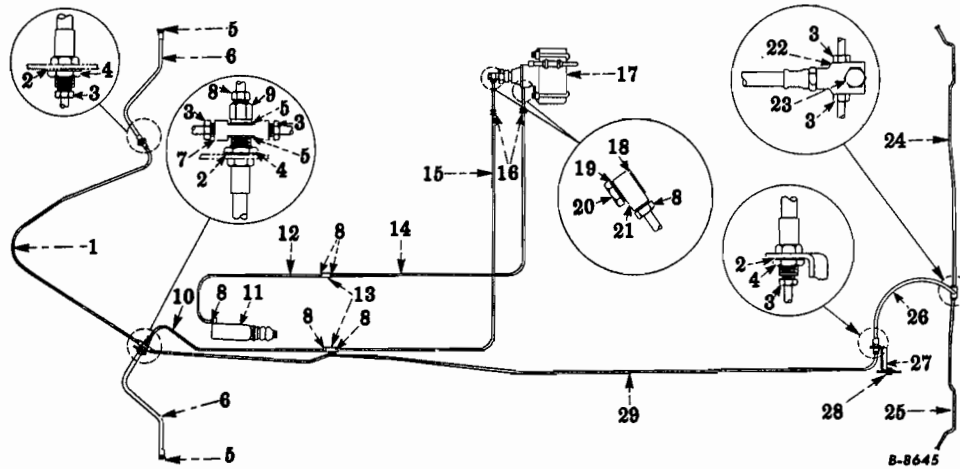


FIG. 04-27 — BRAKE HYDRAULIC PIPING
(R-130 Series - With Hydrovac, Code 0401)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	PIPE, 1/4"	1	995 061 RI
2	WASHER, LK., 5/8", INT.	AR	115 553
3	NUT, INVERTED FLARED TUBE, 1/4"	AR	137 397
4	NUT	AR	124 708 H
5	GASKET	4	48 123 H
6	HOSE	2	48 150 HA
7	FITTING	1	88 262 H
8	NUT, INVERTED FLARED TUBE, 5/16"	AR	137 398
9	BOLT	1	95 525 H
10	PIPE, 5/16"	1	995 062 RI
11	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)		
12	PIPE, 5/16"	1	995 062 RI
13	CONNECTOR	2	48 090 H
14	PIPE, 5/16"	1	995 062 RI
15	PIPE, 5/16"	1	995 062 RI
16	GROMMET	2	59 995 RI
17	HYDROVAC, ASM. (SEE SEPARATE ILLUSTRATION)		
18	GASKET	2	48 167 H
19	GASKET	2	48 166 H
20	BOLT	2	48 165 H
21	FITTING	2	59 150 H
22	TEE	1	48 156 H
23	BOLT, HEX-HD., 7/16NF x 1-1/4"	1	182 753
	WASHER, LK., 7/16", MED.	1	103 322
24	PIPE, 1/4"	1	995 061 RI
25	PIPE, 1/4"	1	995 061 RI
26	HOSE	1	49 567 H
27	BRACKET	1	71 891 RI
28	BOLT, HEX-HD., 3/8NF x 7/8"	1	182 717
	NUT, HEX., 3/8NF	1	103 026
	WASHER, LK., 3/8", MED.	1	103 321
29	PIPE, 1/4"	1	995 061 RI

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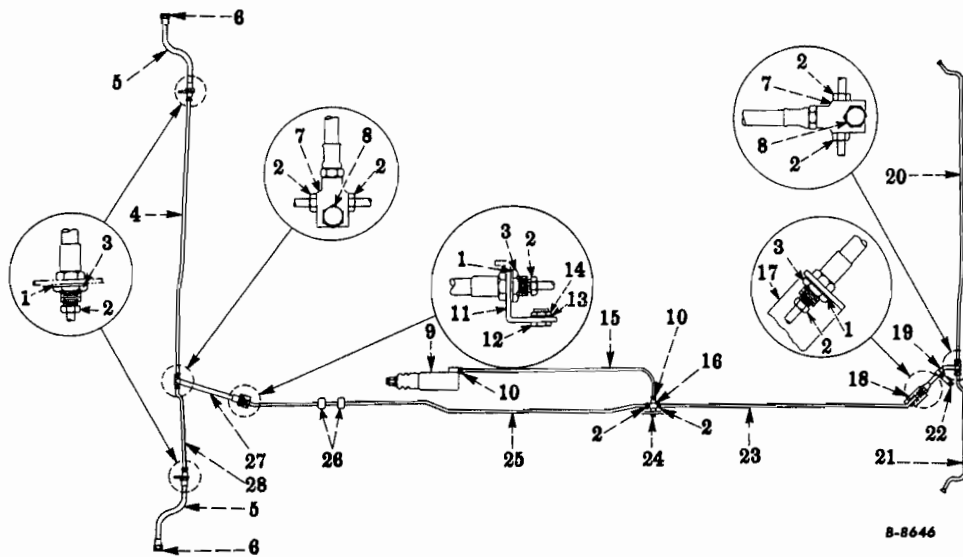


FIG. 04-28 -- BRAKE HYDRAULIC PIPING
(R-140-4x4 - Without Hydrovac)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	WASHER, L.K., 5/8", INT.	AR	115 553
2	NUT, INVERTED FLARED TUBE, 1/4"	AR	137 397
3	NUT	AR	124 708 H
4	PIPE, 1/4"	1	995 061 R1
5	HOSE	2	95 524 HA
6	GASKET	2	48 123 HA
7	TEE	2	48 156 H
8	BOLT, HEX-HD., 7/16NF x 1-1/4"	2	182 753
	WASHER, L.K., 7/16", MED.	2	103 322
9	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)		
10	NUT, INVERTED FLARED TUBE, 5/16"	AR	137 398
11	BRACKET	1	62 608 H
12	BOLT, HEX-HD., 3/8NF x 1"	1	182 718
13	WASHER, L.K., 3/8", MED.	1	103 321
14	NUT, HEX., 3/8NF	1	103 026
15	PIPE, 5/16"	1	995 062 R1
16	TEE	1	57 835 H
17	BRACKET	1	74 094 R1
18	SPACER	1	125 117 H
	BOLT, HEX-HD., 1/4NF x 1-1/4"	1	182 660
	NUT, HEX., 1/4NF	1	103 024
	WASHER, L.K., 1/4", MED.	1	103 319

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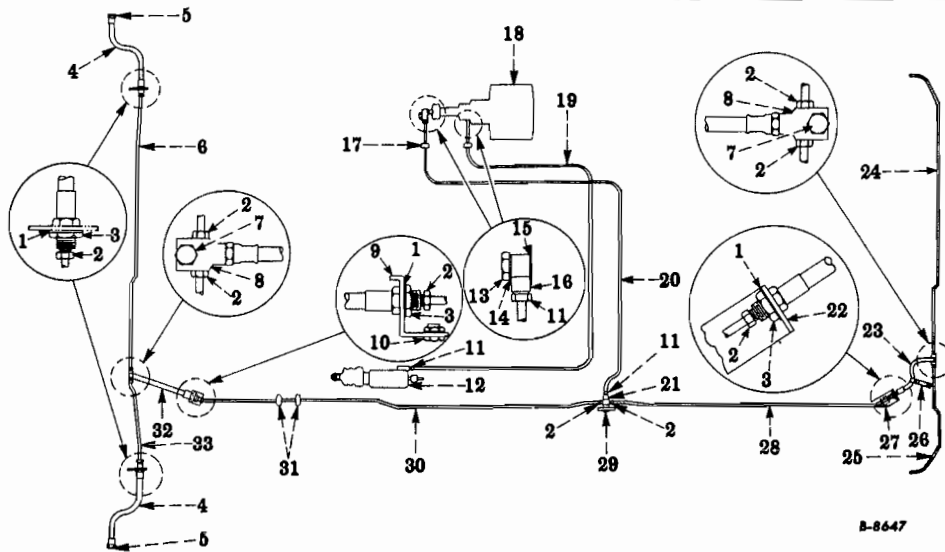


FIG. 04-29 - BRAKE HYDRAULIC PIPING
 (R-140-4x4 - With Hydrovac, Code 0401)
 (R-160-4x4)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	WASHER, LK., 5/8", INT.	AR	115 553
2	NUT, INVERTED FLARED TUBE, 1/4"	AR	137 397
3	NUT	AR	124 708 H
4	HOSE	2	95 524 HA
5	GASKET	2	48 123 H
6	PIPE, 1/4"	1	995 061 R1
7	BOLT, HEX-HD., 7/16NF x 1-1/4" WASHER, LK., 7/16", MED.	2 2	182 753 103 322
8	TEE	2	48 156 H
9	BRACKET	1	62 608 H
10	BOLT, HEX-HD., 3/8NF x 1" NUT, HEX., 3/8NF WASHER, LK., 3/8", MED.	1 1 1	182 718 103 026 103 321
11	NUT, INVERTED FLARED TUBE, 5/16"	AR	137 398
12	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)		
13	BOLT	2	48 165 H
14	GASKET	2	48 166 H
15	GASKET	2	48 167 H
16	FITTING	2	59 150 H
17	GROMMET	2	59 995 R1
18	HYDROVAC, ASM. (SEE SEPARATE ILLUSTRATION)		
19	PIPE, 5/16"	1	995 062 R1
20	PIPE, 5/16"	1	995 062 R1
21	TEE	1	57 835 H
22	BRACKET	1	74 094 R1
23	HOSE	1	107 554 H
24	PIPE, 1/4"	1	995 061 R1

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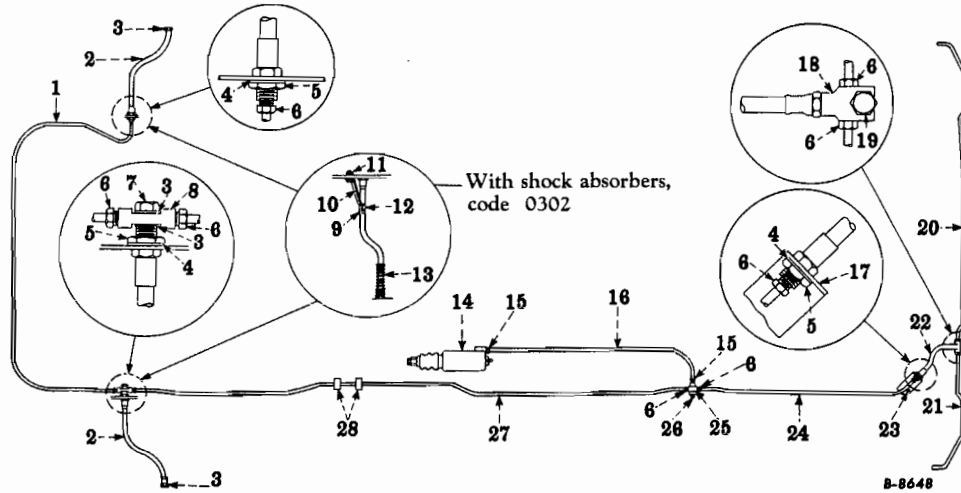


FIG. 04-30 - BRAKE HYDRAULIC PIPING
(R-150 Series - Without Hydrovac)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	PIPE, 1/4"	1	995 061 RI
2	HOSE	2	48 159 HA
3	GASKET	4	48 123 H
4	WASHER, LK., 5/8", INT.	AR	115 553
5	NUT	AR	124 708 H
6	NUT, INVERTED FLARED TUBE, 1/4"	AR	137 397
7	BOLT	1	48 183 H
8	FITTING	1	88 262 H
9	BUSHING	2	62 056 V
10	SUPPORT	2	130 488 H
11	BOLT, HEX-HD., 5/16NF x 3/4"	2	182 687
	NUT, HEX., 5/16NF	2	103 025
	WASHER, LK., 5/16", MED.	2	103 320
12	CLAMP	2	91 406 HA
13	SPRING (17" WHEELS)	2	106 413 RI
14	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)		
15	NUT, INVERTED FLARED TUBE, 5/16"	AR	137 398
16	PIPE, 5/16"	1	995 062 RI
17	BRACKET	1	74 094 RI
18	TEE	1	48 156 H

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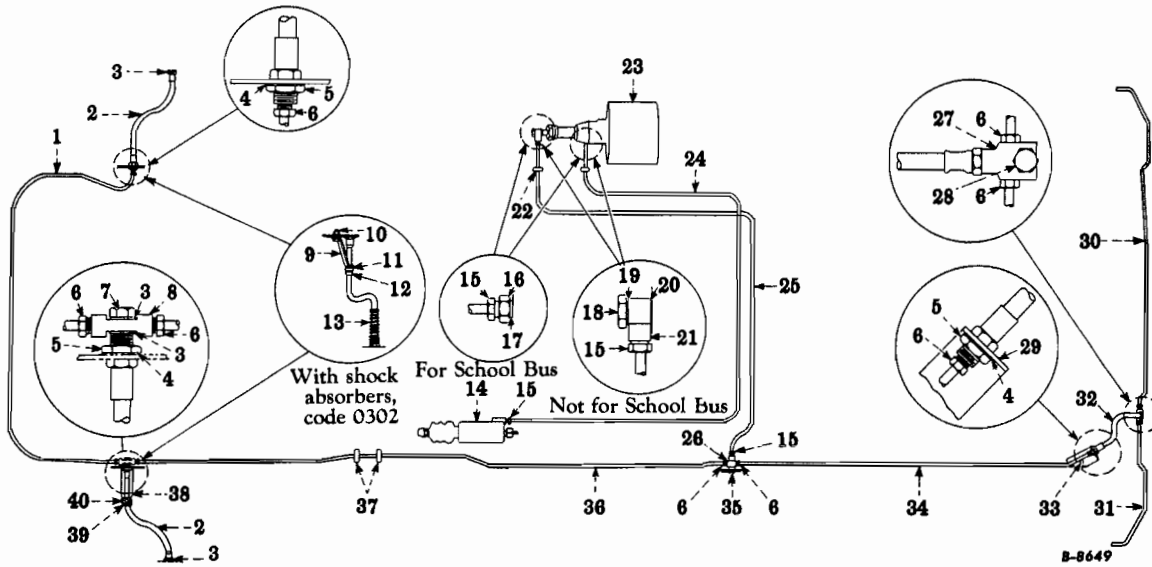


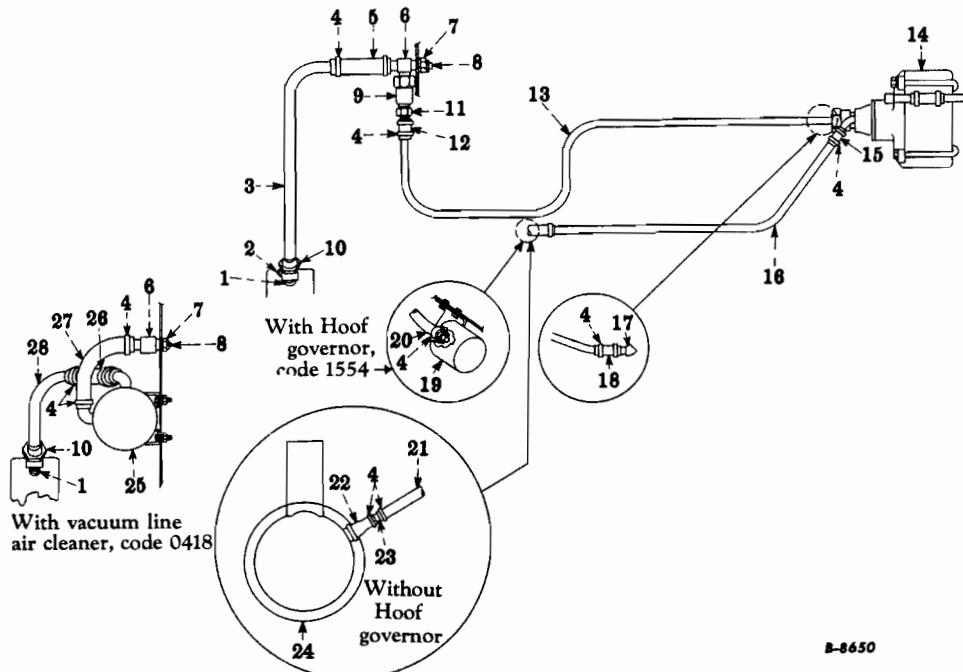
FIG: 04-31 - BRAKE HYDRAULIC PIPING
 (R-150 Series - With Hydrovac, Code 0401)
 (R-160, RC-160 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	PIPE, 1/4"	1	995 061 RI
2	HOSE		
	R-150 SERIES	2	48 159 HA
	R-160 SERIES	2	48 150 HA
3	GASKET	4	48 123 H
4	WASHER, LK., 5/8", INT.	AR	115 553
5	NUT	AR	124 708 H
6	NUT, INVERTED FLARED TUBE, 1/4"	AR	137 397
7	BOLT	1	48 183 H
8	FITTING	1	88 262 H
9	SUPPORT	2	130 488 H
10	BOLT, HEX-HD., 5/16NF x 3/4"	2	182 687
	NUT, HEX., 5/16NF	2	103 025
	WASHER, LK., 5/16", MED.	2	103 320
11	CLAMP	2	996 261 R91
12	BUSHING	2	62 056 V
13	SPRING (R-150 SERIES - w/17" WHEELS, ONLY)	2	106 413 RI
14	CYLINDER, MASTER (SEE SEPARATE ILLUSTRATION)		
15	NUT, INVERTED FLARED TUBE, 5/16"	AR	137 398
16	FITTING	2	48 071 H
17	GASKET	2	49 034 H
18	BOLT	2	48 165 H
19	GASKET	2	48 166 H
20	GASKET	2	48 167 H
21	FITTING	2	59 150 H
22	GROMMET	AR	59 995 RI
23	HYDROVAC, ASM. (SEE SEPARATE ILLUSTRATION)		

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FIG. 04-32 - BRAKE VACUUM PIPING
(R-130 Series - With Hydrovac, Code 0401)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	ELBOW		
	FOR GASOLINE ENG. W/O HOOF GOV.	1	82 793 R1
	FOR GASOLINE ENG. W/HOOF GOV., CODE 1554	1	109 588 R1
	FOR LPG ENG.	1	109 588 R1
2	PLUG, PIPE, SQ-HD., 1/4"	1	103 866
3	PIPE, W/4 x 17"	1	995 065 R1
4	CLAMP	AR	996 261 R9I
5	HOSE, 3/4 x 4-1/2"	1	995 107 R1
6	TEE, ASM.	1	76 209 R9I
7	NUT, HEX., JAM, 5/8NF	1	114 498
	WASHER, LK., 5/8", INT.	1	115 553
8	PLUG, PIPE, SQ-HD., 1/8"	1	103 865
9	VALVE, ASM.	1	76 208 R9I
10	NUT, COMPRESSION TUBE, 3/4"	1	76 262 H
	SLEEVE, COMPRESSION TUBE, 3/4"	1	76 263 H
11	NIPPLE	1	68 406 H
12	HOSE, 1/2 x 3"	1	995 106 R1
13	PIPE, 1/2"	1	995 064 R1
14	HYDROVAC, ASM. (SEE SEPARATE ILLUSTRATION)		
15	HOSE, 1/2 x 3"	1	995 106 R1
16	PIPE, 1/2"	1	995 064 R1
17	ELBOW	1	67 282 H
18	HOSE, 1/2 x 3"	1	995 106 R1
19	CLEANER, ASM. (SEE SEPARATE ILLUSTRATION)		
20	HOSE, 1/2 x 9"	1	995 106 R1

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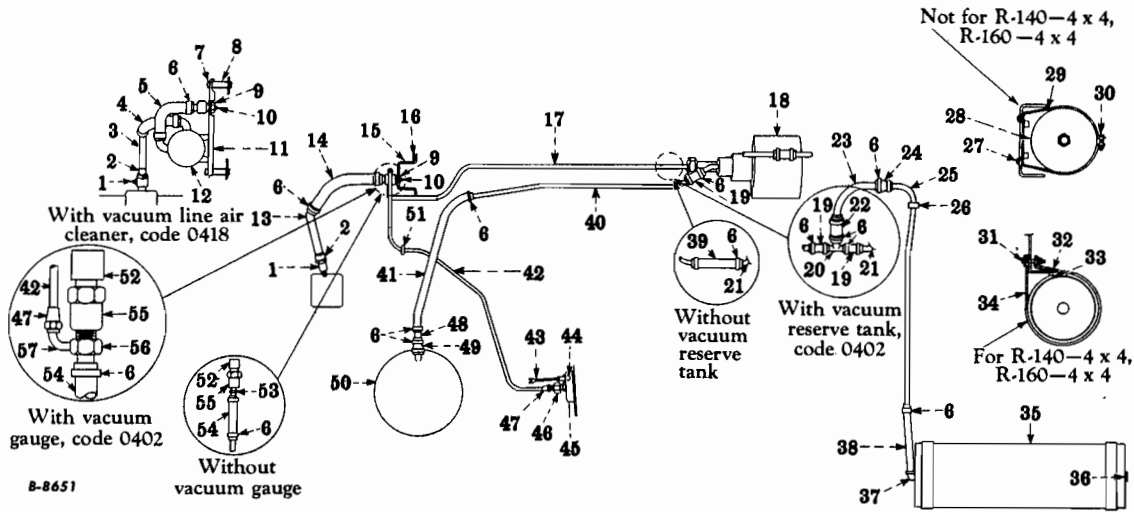


FIG. 04-33 - BRAKE VACUUM PIPING
 (R-140-4x4, R-150 - With Hydrovac, Code 0401)
 (R-160, R-164, R-165, R-160-4x4 - Without Trailer Connections)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	ELBOW		
	FOR GASOLINE ENG. w/o HOOF GOV.	1	82 793 RI
	FOR GASOLINE ENG. w/HOOF GOV., CODE 1554	1	109 588 RI
	FOR LPG ENG.	1	109 588 RI
	PLUG, PIPE, SQ. HD., 1/4"	1	103 866 "
2	NUT, COMPRESSION TUBE, 3/4"	1	76 262 H
	SLEEVE, COMPRESSION TUBE, 3/4"	1	76 263 H
3	PIPE, 3/4"	1	995 065 RI
4	HOSE, 3/4 x 9"	1	995 107 RI
5	HOSE		
	FOR SD-240 ENG.	1	91 808 RI
	FOR SD-264 ENG.	1	143 908 RI
6	CLAMP	AR	996 261 R9I
7	BOLT, HEX-HD., 5/16NF x 2-1/2" (FOR SD-240 ENG.)	4	182 701
	WASHER, LK., 5/16", MED. (FOR SD-240 ENG.)	4	103 320
8	SPACER (FOR SD-240 ENG.)	4	76 817 RI
9	NUT, HEX., JAM, 5/8NF	1	114 498
	WASHER, LK., 5/8", INT.	1	115 553
10	PLUG, PIPE, SQ-HD., 1/8"	1	103 865
11	PANEL (FOR SD-240 ENG.)	1	76 211 R3
12	CLEANER, ASM. (SEE SEPARATE ILLUSTRATION)		
13	PIPE, 3/4"	1	995 065 RI
14	HOSE, 3/4 x 12"	1	995 107 RI
15	BRACKET	1	119 446 RI
16	BOLT, HEX-HD., 5/16NF x 1/2"	2	182 679
	WASHER, LK., 5/16", MED.	2	103 320

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-33 - BRAKE VACUUM PIPING - Continued			
17	PIPE, 1/2"	1	995 064 R1
18	HYDROVAC, ASM. (SEE SEPARATE ILLUSTRATION)		
19	HOSE, 1/2 x 2-1/4"	AR	995 106 R1
20	TEE	1	51 798 R1
21	ELBOW	1	67 282 H
22	HOSE, 3/4 x 3"	1	995 107 R1
23	PIPE, 3/4"	1	995 065 R1
24	CONNECTOR	1	69 510 R1
25	PIPE, 1/2"	1	995 064 R1
26	GROMMET	1	41 351 V
27	BOLT, CARR., 3/8NC x 2-1/2"	4	12 157 R1
	NUT, HEX., 3/8NC	4	102 635
	WASHER, LK., 3/8", MED.	4	103 321
28	SUPPORT	2	144 634 H
29	STRAP	2	74 283 H
30	BOLT, HEX-HD., 3/8NF x 1-1/2"	2	182 726
	NUT, HEX., LK., 3/8NF	2	12 259 R1
31	BOLT, HEX-HD., 3/8NF x 2"	2	182 730
	NUT, HEX., 3/8NF	2	103 026
	WASHER, FL., 3/8"	2	446 212
	WASHER, LK., 3/8", MED.	2	103 321
32	STRAP	2	130 448 R1
33	ANTI-SQUEAK	2	100 668 R1
34	SPACER	2	130 449 R1
35	TANK	1	74 285 H
36	PLUG, PIPE, SQ-HD., 1/2"	1	103 868
37	ELBOW	1	38 430 H
38	HOSE, 1/2 x 24"	1	995 106 R1
39	HOSE, 1/2 x 6"	1	995 106 R1
40	PIPE, 1/2"	1	995 064 R1
41	HOSE		
	1/2 x 25-1/2" (w/STD. AIR CLEANER)	1	995 106 R1
	1/2 x 45-1/2" (w/HV. DUTY AIR CLEANER, CODE 1552)	1	995 106 R1
42	PIPE, 1/4"	1	995 061 R1
43	SOCKET, w/CABLE, ASM.	1	90 265 R91
44	LAMP		
	6 VOLT	1	125 588
	12 VOLT	1	127 934
45	GAUGE, ASM.	1	81 459 R91
46	CONNECTOR, FLARED TUBE, 1/4"	1	125 620
47	NUT, FLARED TUBE, 1/4"	2	190 862
48	PIPE, 1/2" (w/HV. DUTY AIR CLEANER, CODE 1552) (FOR SD-240 ENG., BELOW CHASSIS No. R-140-4x4 - 1307, R-150-4778, R-160-39899, R-160-4x4 - 1198 AND FOR BD-264 ENG.)	1	995 064 R1

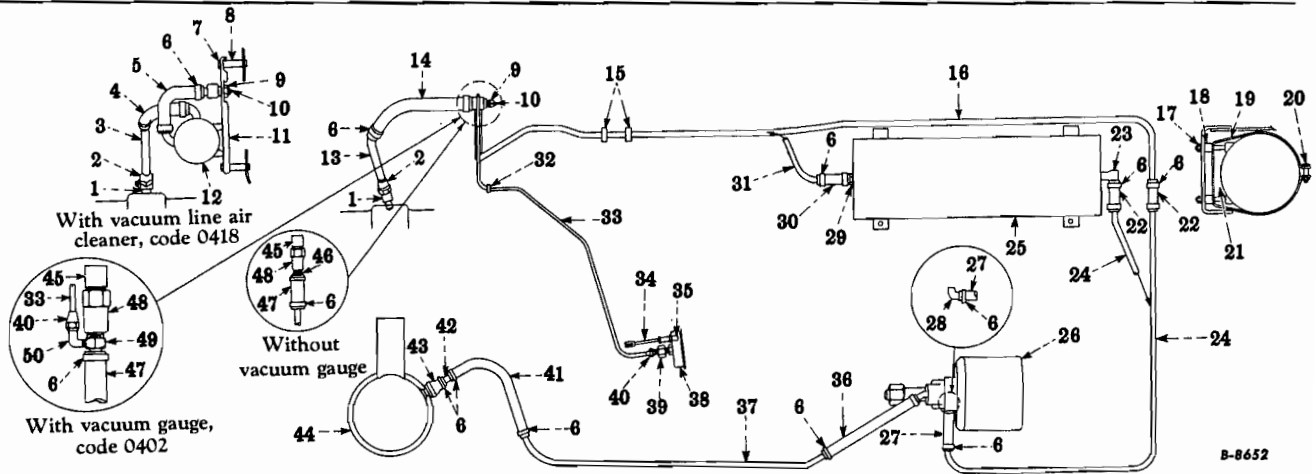


FIG. 04-34 - BRAKE VACUUM PIPING
(R-153) - With Hydrovac, Code 0401) (R-163)

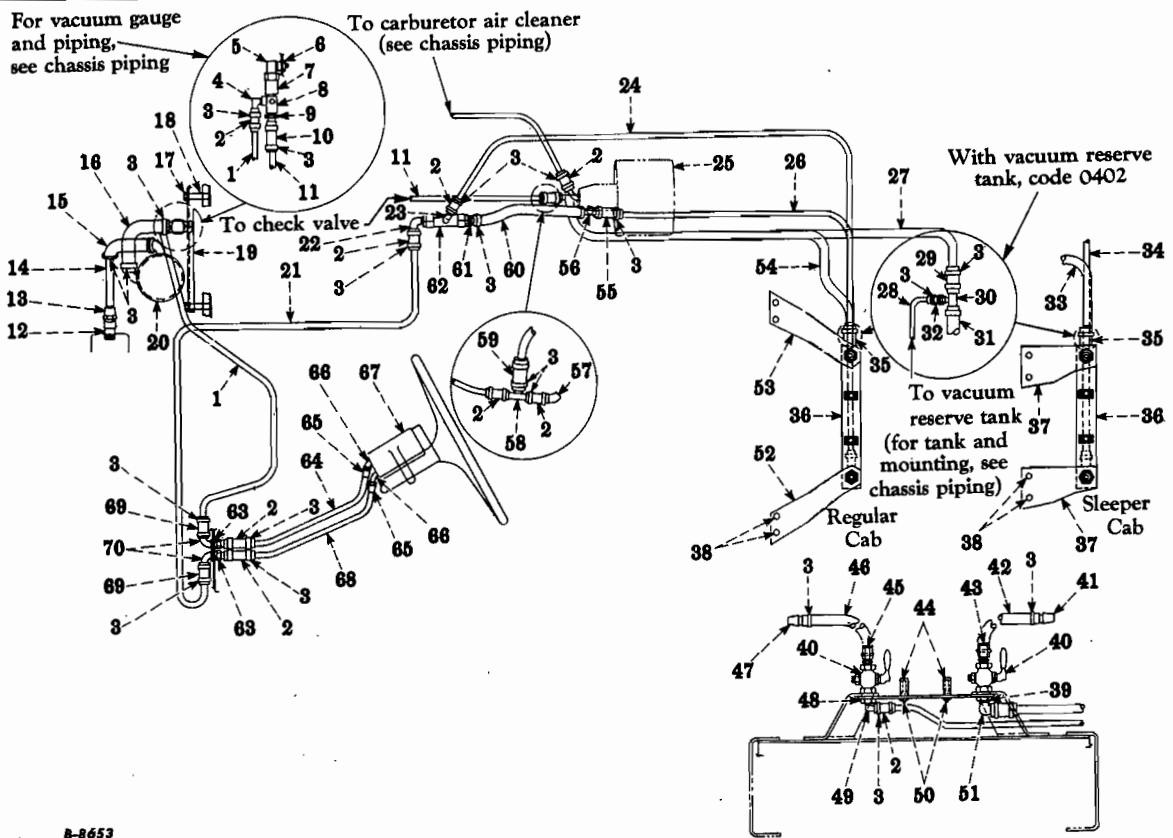
KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	ELBOW		
	FOR GASOLINE ENG. w/O HOOF GOV.	1	82 793 R1
	FOR GASOLINE ENG. w/HOOF GOV., CODE 1554	1	109 588 R1
	FOR LPG ENG.	1	109 588 R1
2	PLUG, PIPE, SQ-HD., 1/4"	1	103 866
	NUT, COMPRESSION TUBE, 3/4"	1	76 262 H
3	SLEEVE, COMPRESSION TUBE, 3/4"	1	76 263 H
	PIPE, 3/4"	1	995 065 R1
4	HOSE, 3/4 x 9"	1	995 107 R1
	HOSE		
5	FOR SD-240 ENG.	1	91 801 R1
	FOR SD-264 ENG.	1	143 908 R1
6	CLAMP	AR	996 261 R91
	BOLT, HEX-HD., 5/16NF x 2-1/2" (FOR SD-240 ENG.)	4	182 701
7	WASHER, LK., 5/16", MED. (FOR SD-240 ENG.)	4	103 320
	SPACER (FOR SD-240 ENG.)	4	76 817 R1
8	NUT, HEX., JAM, 5/8NF	1	114 498
	WASHER, LK., 5/8", INT.	1	115 553
9	PLUG, PIPE, SQ-HD., 1/8"	1	103 865
	PANEL (FOR SD-240 ENG.)	1	76 211 R3
10	CLEANER, ASM. (SEE SEPARATE ILLUSTRATION)		
	PIPE, 3/4"	1	995 065 R1
11	HOSE, 3/4 x 12"	1	995 107 R1
	GROMMET	2	81 986 R1
12	PIPE, 1/2"	1	995 064 R1
	BOLT, CARR., 3/8NC x 3"	4	15 142 R1
13	NUT, HEX., 3/8NC	4	102 635
	WASHER, LK., 3/8", MED.	4	103 321
14	SPACER	4	26 241 H
	STRAP	2	74 283 H

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-34 - BRAKE VACUUM PIPING - Continued			
20	BOLT, HEX-HD., 3/8NF x 1-1/2"	2	182 726
	NUT, HEX., LK., 3/8NF	2	12 259 R1
21	SUPPORT	2	74 284 H
22	HOSE, 1/2 x 3"	1	995 106 R1
23	ELBOW	1	38 430 H
24	PIPE, 1/2"	1	995 064 R1
25	TANK	1	74 285 H
26	HYDROVAC, ASM. (SEE SEPARATE ILLUSTRATION)		
27	HOSE, 1/2 x 5"	1	995 106 R1
28	ELBOW	1	57 964 R1
29	NIPPLE	1	68 406 H
30	HOSE, 1/2 x 3"	1	995 106 R1
31	PIPE, 1/2"	1	995 064 R1
32	GROMMET	1	84 583 R1
33	PIPE, 1/4"	1	995 061 R1
34	SOCKET, W/CABLE, ASM.	1	90 265 R91
35	LAMP		
	6 VOLT	1	125 588
	12 VOLT	1	127 934
36	HOSE, 1/2 x 11-1/2"	1	995 106 R91
37	PIPE, 1/2"	1	995 064 R1
38	GAUGE, ASM.	1	81 459 R91
39	CONNECTOR, FLARED TUBE, 1/4"	1	125 620
40	NUT, FLARED TUBE	2	190 862
41	HOSE		
	1/2 x 37-1/2" (W/STD. AIR CLEANER)	1	995 106 R1
	1/2 x 18-3/4" (W/HV. DUTY AIR CLEANER, CODE 1552)	1	995 106 R1
42	PIPE, 1/2" (W/HV. DUTY AIR CLEANER, CODE 1552 (FOR SD-240 ENG. BELOW CHASSIS No. R-153-4778, R-163-39899 AND FOR BD-264 ENG.)	1	995 064 R1
43	CONNECTOR (W/HV. DUTY AIR CLEANER, CODE 1552 (FOR SD-240 ENG. BELOW CHASSIS No. R-153-4778, R-163-39899 AND FOR BD-264 ENG.)	1	69 510 R1
44	CLEANER, ASM. (SEE GROUP 12)		
45	TEE, ASM.	1	76 209 R91
46	NIPPLE	1	68 406 H
47	HOSE, 1/2 x 5"	1	995 106 R1
48	VALVE, ASM.	1	76 208 R91
49	NIPPLE	1	81 435 RL
50	ELBOW, FLARED TUBE, 1/4", 90 DEG.	1	118 753



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FIG. 04-35 - BRAKE VACUUM PIPING
(R-160, R-164, R-165 - With Trailer Connections, Code 0406)

KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		W/O HAND CONTROL VALVE	W/HAND CONTROL VALVE CODE 0441	
1	PIPE, 1/2"		1	995 064 R1
2	HOSE, 1/2 x 3"	AR	AR	995 106 R1
3	CLAMP	AR	AR	996 261 R91
4	ELBOW		1	57 964 R1
5	TEE, ASM.	1	1	76 209 R91
6	PLUG, PIPE, SQ-HD., 1/8" NUT, HEX., 5/8NF WASHER, LK., 5/8", INT.	1 1 1	1 1 1	103 865 114 498 115 553
7	VALVE, ASM.	1	1	76 208 R91
8	TEE, ASM.		1	76 210 R91
9	NIPPLE w/o vac. gauge w/vac. gauge, Code 0402	1 1	1 1	68 406 H 81 435 R1
10	HOSE 1/2 x 5" 1/2 x 3"	1	1	995 106 R1 995 106 R1
11	PIPE, 1/2"	1	1	995 064 R1

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		W/O HAND CONTROL VALVE	W/HAND CONTROL VALVE CODE 0441	
FIG. 04-35 -- BRAKE VACUUM PIPING - Continued				
12	ELBOW			
	FOR GASOLINE ENG. w/o HOOF GOV.	1	1	82 793 RI
	FOR GASOLINE ENG. w/HOOF GOV., CODE 1554	1	1	109 588 RI
	FOR LPG ENG.	1	1	109 588 RI
	PLUG, PIPE, SQ-HO., 1/4"	1	1	103 866
13	NUT, COMPRESSION TUBE, 3/4"	1	1	76 262 H
	SLEEVE, COMPRESSION TUBE, 3/4"	1	1	76 263 H
14	PIPE, 3/4"	1	1	995 065 RI
15	HOSE, 3/4"	1	1	995 107 RI
16	HOSE			
	FOR SD-240 ENG.	1	1	91 801 RI
	FOR BD-264 ENG.	1	1	143 908 RI
17	BOLT, HEX-HO., 5/16NF x 2-1/2" (FOR SD-240 ENG.)	4	4	182 701
	WASHER, LK., 5/16", MED. (FOR SD-240 ENG.)	4	4	103 320
18	SPACER (FOR SD-240 ENG.)	4	4	76 817 RI
19	PANEL (FOR SD-240 ENG.)	1	1	76 211 R3
20	CLEANER, ASM. (SEE SEPARATE ILLUSTRATION)			
21	PIPE, 1/2"		1	995 064 RI
22	ELBOW		1	57 964 RI
23	ELBOW		1	57 964 RI
24	PIPE, 1/2"		1	995 064 RI
25	HYDROVAC, ASM. (SEE SEPARATE ILLUSTRATION)			
26	PIPE, 1/2"	1		995 064 RI
27	PIPE, 3/4"	1	1	995 065 RI
28	PIPE, 1/2"	1	1	995 064 RI
29	HOSE, 3/4 x 3"	1	1	995 107 RI
30	TEE	1	1	57 013 RI
31	HOSE, 3/4 x 5"	1	1	995 107 RI
32	HOSE, 1/2 x 3"	1	1	995 106 RI
33	PIPE, 3/4"	1	1	995 065 RI
34	PIPE, 1/2"	1	1	995 064 RI
35	HOSE, 3/4 x 3"	1	1	995 107 RI
36	PLATE	1	1	98 212 RI
37	BRACKET	2	2	98 214 RI
38	BOLT, HEX-HD., 5/16NF x 1"	4	4	182 689
	NUT, HEX., 5/16NF	4	4	103 025
	WASHER, LK., 5/16", MED.	4	4	103 320
39	NUT, HEX., JAM, 1NF	1	1	219 755
40	VALVE, ASM.	2	2	80 034 R9I
41	COUPLING	1	1	39 050 HA
42	HOSE, 3/4 x 90"	1	1	995 107 RI
43	NIPPLE	1	1	30 844 H
44	CLAMP	2	2	80 165 RI
45	NIPPLE	1	1	68 406 H
46	HOSE, 1/2 x 90"	1	1	995 106 RI
47	COUPLING	1	1	72 243 HA
48	NUT, HEX., JAM, 7/8NF	1	1	219 754

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		W/O HAND CONTROL VALVE	W/HAND CONTROL VALVE CODE 0441	
FIG. 04-35 - BRAKE VACUUM PIPING - Continued				
49	ELBOW	1	1	57 964 RI
	NIPPLE	1	1	86 803 H
50	STUD	2	2	80 163 RI
	NUT, HEX., 5/16NF	2	2	103 025
	WASHER, LK., 5/16", MED.	2	2	103 320
51	ELBOW	1	1	39 272 H
52	BRACKET	1	1	108 001 RI
53	BRACKET	1	1	108 002 RI
54	PIPE, 3/4"	1	1	995 065 RI
55	HOSE, 1/2 x 3"	1		995 106 RI
56	ELBOW	1	1	57 964 RI
57	ELBOW	1	1	67 282 H
58	TEE	1	1	51 798 RI
59	HOSE, 3/4 x 3"	1	1	995 107 RI
60	HOSE, 1/2 x 11-1/2"		1	995 106 RI
61	NIPPLE		1	30 846 H
62	VALVE, ASM. (SEE SEPARATE ILLUSTRATION)			
63	NUT, HEX., JAM, 5/8NF		2	114 498
	WASHER, FL., 5/8"		2	118 670
	WASHER, LK., 5/8", EXT.		2	138 504
64	PIPE, 1/2"		1	995 064 RI
65	NUT, COMPRESSION TUBE, 1/2"		2	47 128 H
	SLEEVE, COMPRESSION TUBE, 1/2"		2	47 126 H
66	ELBOW		2	136 830 H
67	VALVE, ASM. (SEE SEPARATE ILLUSTRATION)			
68	PIPE, 1/2"		1	995 064 RI
69	HOSE, 1/2 x 2-1/4"		2	995 106 RI
70	ELBOW		2	145 114 H

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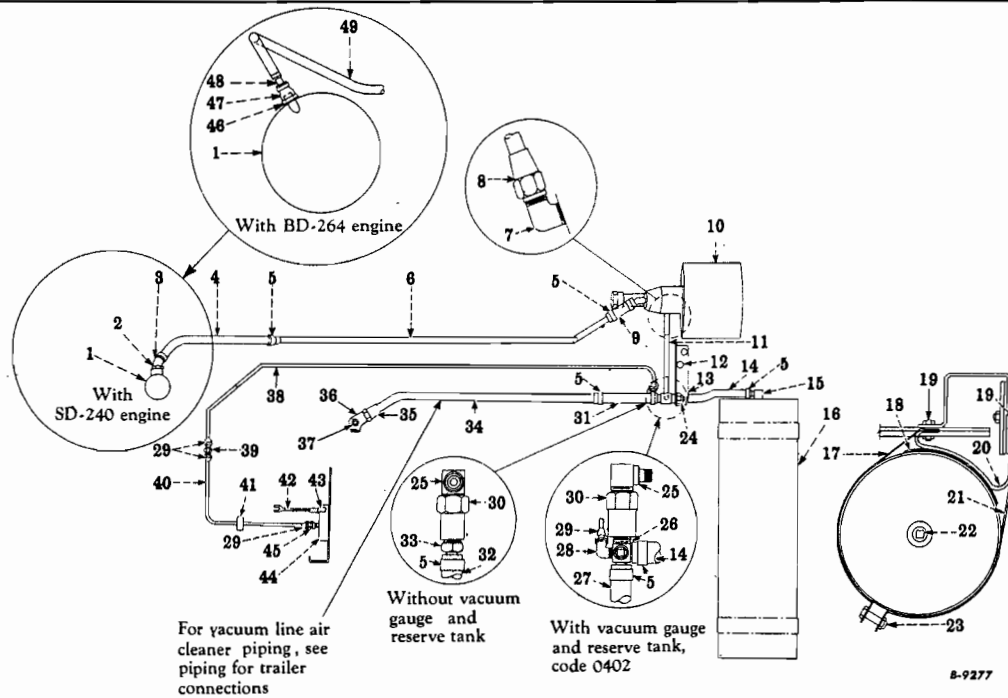


FIG. 04-36 - BRAKE VACUUM PIPING
(RC-160 Series - Without Trailer Connections)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	CLEANER, ASM. (SEE GROUP 12)		
2	BUSHING, 1/2 x 3/8"	1	142 269
3	ELBOW	1	67 282 H
4	HOSE, 1/2 x 17"	1	995 106 R1
5	CLAMP	AR	996 261 R91
6	PIPE, 1/2"	1	995 064 R1
7	ELBOW, FLARED TUBE, 1/2", 90 DEG.	1	118 757
8	NUT, FLARED TUBE, 1/2"	1	120 141
9	HOSE, 1/2 x 3"	1	995 106 R1
10	HYDROVAC, ASM. (SEE SEPARATE ILLUSTRATION)		
11	PIPE, 1/2"	1	995 064 R1
12	BOLT, HEX-HD., 3/8NF x 3/4"	2	182 716
	NUT, HEX., 3/8NF	2	103 026
	WASHER, LK., 3/8" MED.	2	103 321
13	BRACKET	1	91 757 R1
14	HOSE, 1/2 x 8-1/2"	1	995 106 R1
15	ELBOW	1	67 282 H
16	TANK	1	74 285 H
17	STRAP	2	88 707 R1
18	ANTI-SQUEAK	2	86 622 R1
19	BOLT, HEX-HD., 3/8NF x 7/8"	4	182 717
	NUT, HEX., 3/8NF	4	103 026
	WASHER, LK., 3/8", MED.	4	103 321
20	BRACKET	2	88 706 R1

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-36 - BRAKE VACUUM PIPING - Continued			
21	STRAP	2	88 708 RI
22	PLUG, PIPE, SQ-HD., 1/2"	1	103 868
23	BOLT, HEX-HD., 3/8NF x 1-1/2"	2	182 726
	NUT, HEX., LK., 3/8NF	2	12 259 RI
24	PLUG, PIPE, SQ-HD., 1/8"	1	103 865
	NUT, HEX., JAM, 5/8NF	1	114 498
	WASHER, LK., 5/8", INT.	1	115 553
25	TEE, ASM.	1	76 209 RI
26	ELBOW	1	91 753 RI
27	HOSE, 1/2 x 4"	1	995 106 RI
28	ELBOW, FLARED TUBE, 1/4"	1	118 753
29	NUT, FLARED TUBE, 1/4"	AR	190 862
30	VALVE, ASM.	1	76 208 R91
31	HOSE, 3/4 x 7"	1	995 107 RI
32	HOSE, 1/2 x 5"	1	995 106 RI
33	NIPPLE	1	68 406 H
34	PIPE, 3/4"	1	995 065 RI
35	NUT, COMPRESSION TUBE, 3/4"	1	76 262 H
	SLEEVE, COMPRESSION TUBE, 3/4"	1	76 263 H
36	ELBOW	1	82 793 RI
37	PLUG, PIPE, SQ-HD., 1/4"	1	103 866
38	PIPE, 1/4"	1	995 061 RI
39	UNION, FLARED TUBE, 1/4"	1	118 800
40	PIPE, 1/4"	1	995 061 RI
41	GROMMET	1	84 583 RI
42	SOCKET, w/CABLE, ASM.	1	90 265 R91
43	LAMP		
	6 VOLT	1	125 588
	12 VOLT	1	127 934
44	GAUGE, ASM.	1	81 459 R91
45	CONNECTOR, FLARED TUBE, 1/4"	1	125 620
46	CLAMP	2	996 261 R91
47	CONNECTOR	1	69 510 RI
48	PIPE	1	38 985 H
49	HOSE	1	57 112 R2

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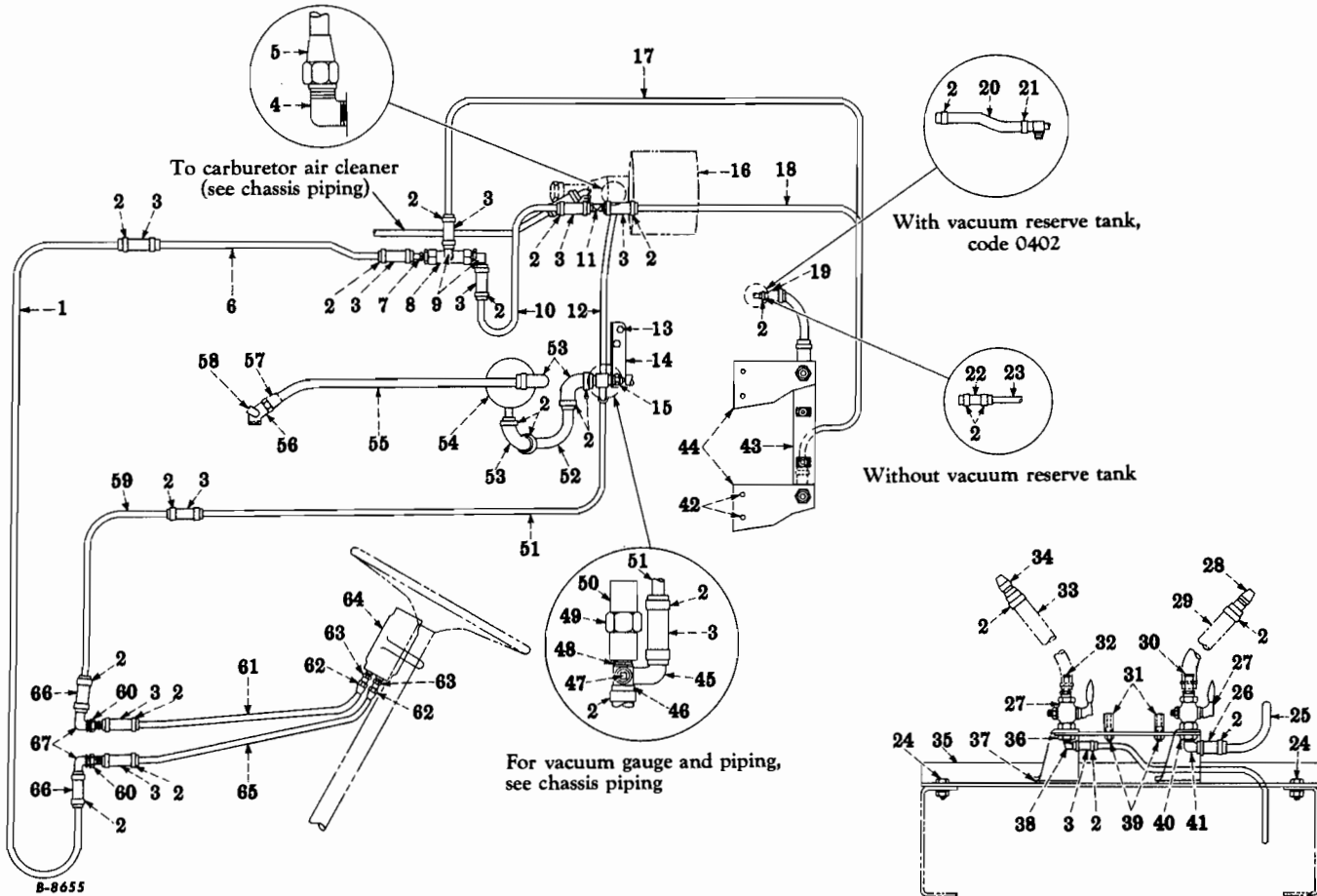


FIG. 04-37 - BRAKE VACUUM PIPING
(RC-160 Series - With Trailer Connections, Code 0406)

KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		W/O HAND CONTROL VALVE	W/HAND CONTROL VALVE CODE 0441	
1	PIPE, 1/2"		1	995 064 R1
2	CLAMP	AR	AR	996 261 R91
3	HOSE, 1/2 x 3"	AR	AR	995 106 R1
4	ELBOW, FLARED TUBE, 1/2", 90°	1	1	118 757
5	NUT, FLARED TUBE, 1/2"	1	1	120 141
6	PIPE, 1/2"		1	995 064 R1
7	NIPPLE		1	30 846 H
8	VALVE, ASM. (SEE SEPARATE ILLUSTRATION)			
9	ELBOW		2	57 964 R1
10	PIPE, 1/2"		1	995 064 R1
11	ELBOW	1	1	57 964 R1
12	PIPE, 1/2"	1	1	995 064 R1
13	BOLT, HEX-HD., 3/8NF x 3/4"	2	2	182 716
	NUT, HEX., 3/8NF	2	2	103 026
	WASHER, L.K., 3/8", MED.	2	2	103 321
14	BRACKET	1	1	91 757 R1

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		W/O HAND CONTROL VALVE	W/HAND CONTROL VALVE CODE 0441	
FIG. 04-37 - BRAKE VACUUM PIPING - Continued				
15	NUT, HEX., JAM, 5/8NF	1	1	114 498
	WASHER, LK., 5/8", INT.	1	1	115 553
	PLUG, PIPE, SQ-HD., 1/8"	1	1	103 865
16	HYDROVAC, ASM. (SEE SEPARATE ILLUSTRATION)			
17	PIPE, 1/2"		1	995 064 RI
18	PIPE, 1/2"	1		995 064 RI
19	CONNECTOR	1	1	69 510 RI
20	HOSE, 1/2 x 8-1/2"	1	1	995 106 RI
21	TEE	1	1	144 185 H
22	HOSE, 1/2 x 3"	1	1	995 106 RI
23	PIPE, 1/2"	1	1	995 064 RI
24	BOLT, HEX-HD., 1/2NF x 1-1/4"	2	2	182 776
	NUT, HEX., 1/2NF	2	2	103 028
	WASHER, LK., 1/2", MED.	2	2	103 323
25	PIPE, 3/4"	1	1	995 065 RI
26	HOSE, 3/4 x 3"	1	1	995 107 RI
27	VALVE, ASM.	2	2	80 034 R9I
28	COUPLING	1	1	39 050 HA
29	HOSE, 3/4 x 90"	1	1	995 107 RI
30	NIPPLE	1	1	30 844 H
31	CLAMP	2	2	80 165 RI
32	NIPPLE	1	1	68 406 H
33	HOSE, 1/2 x 90"	1	1	995 106 RI
34	COUPLING	1	1	72 243 HA
35	ANGLE	1	1	102 101 RI
36	NUT, HEX., JAM, 7/8NF	1	1	219 754
37	SPACER	2	2	102 102 RI
38	ELBOW	1	1	57 964 RI
	NIPPLE	1	1	86 803 H
39	STUD	2	2	80 163 RI
	NUT, HEX., 5/16NF	2	2	103 025
	WASHER, LK., 5/16", MED.	2	2	103 320
40	NUT, HEX., JAM, 1NF	1	1	219 755
41	ELBOW	1	1	39 272 H
42	BOLT, HEX-HD., 5/16NF x 1-1/4"	4	4	182 691
	NUT, HEX., 5/16NF	4	4	103 025
	WASHER, LK., 5/16", MED.	4	4	103 320
43	PLATE	1	1	102 925 RI
44	BRACKET	2	2	98 214 RI
45	ELBOW		1	57 964 RI
46	HOSE, 1/2 x 5"	1	1	995 106 RI
47	PLUG, PIPE, SQ-HD., 1/8"	AR	AR	103 865
48	ELBOW	1	1	91 753 RI
49	VALVE, ASM.	1	1	76 208 R9I
50	TEE, ASM.	1	1	76 209 R9I

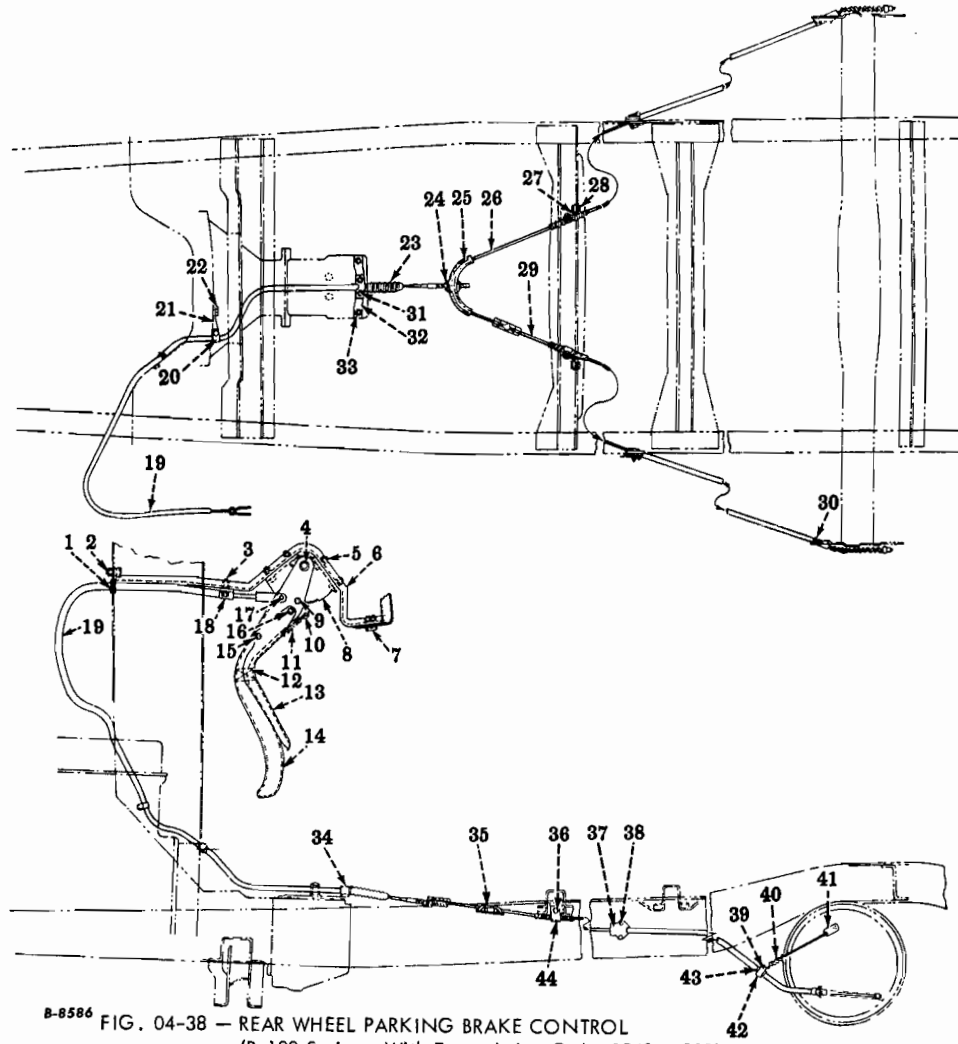
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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		W/O HAND CONTROL VALVE	W/HAND CONTROL VALVE CODE 0441	
FIG. 04-37 - BRAKE VACUUM PIPING - Continued				
51	PIPE, 1/2 x 54-13/16"		1	995 064 RI
52	PIPE, 3/4"	1	1	995 065 RI
53	ELBOW	3	3	91 755 RI
54	CLEANER, ASM. (SEE SEPARATE ILLUSTRATION)			
55	PIPE, 3/4"	1	1	995 065 RI
56	ELBOW	1	1	82 793 RI
57	NUT, COMPRESSION TUBE, 3/4"	1	1	76 262 H
	SLEEVE, COMPRESSION TUBE, 3/4"	1	1	76 263 H
58	PLUG, PIPE, SQ-HD., 1/4"	1	1	103 866
59	PIPE, 1/2"		1	995 064 RI
60	NUT, HEX., JAM, 5/8NF		2	114 498
	WASHER, FL., 5/8"		2	118 670
	WASHER, LK., 5/8", EXT.		2	138 504
61	PIPE, 1/2"		1	995 064 RI
62	NUT, FLARED TUBE, 1/2"		2	120 141
63	CONNECTOR, FLARED TUBE, 1/2"		2	118 752
64	VALVE, ASM. (SEE SEPARATE ILLUSTRATION)			
65	PIPE, 1/2"		1	995 064 RI
66	HOSE, 1/2"		2	995 106 RI
67	ELBOW		2	145 114 H



B-8586 FIG. 04-38 - REAR WHEEL PARKING BRAKE CONTROL
 (R-100 Series - With Transmission Codes 1348, 1383)
 (R-110 Series - With Transmission Code 1383)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	GROMMET	1	120 879
2	BOLT, HEX-HD., 5/16NF x 5/8"	2	182 685
	NUT, HEX., 5/16NF	2	103 025
	WASHER, LK., 5/16", MED.	2	103 320
3	BOLT, HEX-HD., 5/16NF x 1"	2	182 689
	NUT, HEX., 5/16NF	2	103 025
	WASHER, LK., 5/16"	2	103 320
4	RIVET	1	131 369 H
5	BOLT, HEX-HD., 5/16NF x 3/4"	4	182 687
	NUT, HEX., 5/16NF	4	103 025
	WASHER, LK., 5/16", MED.	4	103 320
6	BRACKET, ASM.	1	74 672 R11
7	INSTRUMENT PANEL BOLT		
8	SECTOR	1	105 879 R1

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-38 - REAR WHEEL PARKING BRAKE CONTROL - Continued			
9	RIVET	1	105 883 RI
10	PAWL	1	105 881 RI
11	SPRING	1	105 882 RI
12	SPRING	1	131 364 H
13	SPOON	1	105 880 RI
14	LEVER, ASM.	1	51 103 R2
15	RIVET	1	106 179 RI
16	RIVET	1	106 180 RI
17	PIN		
	ROD END, 5/16"	1	16 616 RI
	COTTER, 3/32 x 1/2"	1	103 372
18	CLAMP	1	74 238 H
19	CABLE, w/CONDUIT, ASM.	1	128 314 R91
20	CLIP	2	120 525
	BOLT, HEX-HD., 1/4NF x 1/2"	2	182 647
	NUT, HEX., 1/4NF	2	103 024
	WASHER, L.K., 1/4", MED.	2	103 319
21	EXTENSION, CLIP	1	85 060 RI
22	FLYWHEEL HOUSING BOLT		
23	SEAL	1	83 565 RI
24	NUT, HEX., 3/8NF	1	103 026
25	GUIDE	1	128 312 RI
26	CABLE, ASM.		
	R-100 SERIES	1	130 000 R91
	R-110 SERIES - w/115" W.B.	1	130 002 R91
	R-110 SERIES - w/127" W.B.	1	130 004 R91
27	SUPPORT	2	128 310 RI
28	BOLT, HEX-HD., 3/8NF x 3/4"	2	182 716
	NUT, HEX., 3/8NF	2	103 026
	WASHER, L.K., 3/8", MED.	2	103 321
29	CABLE, ASM.		
	R-100 SERIES	1	129 999 R91
	R-110 SERIES - w/115" W.B.	1	130 001 R91
	R-110 SERIES - w/127" W.B.	1	130 003 R91
30	CAP (R-110 SERIES ONLY)	2	83 107 H
	SEAL (R-110 SERIES ONLY)	2	58 486 H
	SCREW, TAP., 5/16 x 5/8" (R-110 SERIES ONLY)	4	172 451
	WASHER, L.K., 5/16", MED. (R-110 SERIES ONLY)	4	103 320
31	BOLT, HEX-HD., 5/16NF x 7/8"	2	182 688
	NUT, HEX., 5/16NF	2	103 025
	WASHER, L.K., 5/16", MED.	2	103 320
32	SUPPORT, CONDUIT BRKT.	1	128 313 RI
33	TRANSMISSION BOLT		
34	CLAMP, CONDUIT	1	72 941 RI

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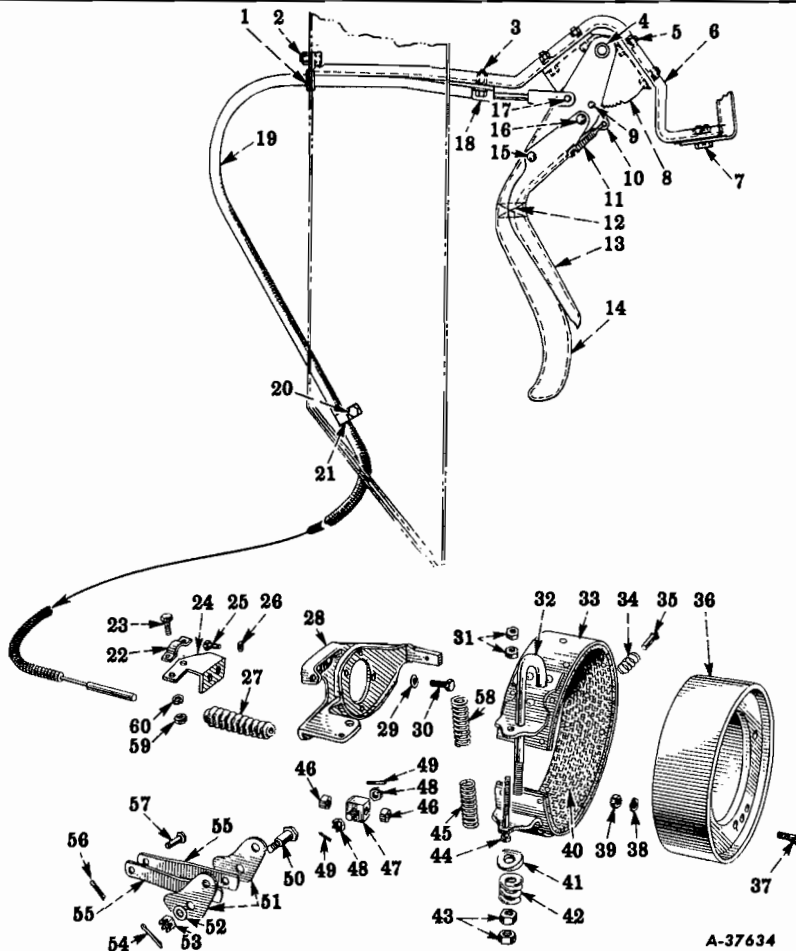


FIG. 04-39 - DRIVE SHAFT PARKING BRAKE
(R-100, R-110, R-120, R-130 Series - With Transmission Code 1374)

KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		R-100 R-110 R-120 SERIES	R-130 SERIES	
1	GROMMET	1	1	120 879
2	BOLT, HEX-HD., 5/16NF x 5/8"	2	2	182 685
	NUT, HEX., 5/16NF	2	2	103 025
	WASHER, LK., 5/16", MED.	2	2	103 320
3	BOLT, HEX-HD. 5/16NF x 3/4"	1	1	182 687
	5/16NF x 1"	1	1	182 689
	NUT, HEX., 5/16NF	2	2	103 025
	WASHER, LK., 5/16", MED.	2	2	103 320
4	RIVET	1	1	131 369 H
5	BOLT, HEX-HD., 5/16NF x 3/4"	4	4	182 687
	NUT, HEX., 5/16NF	4	4	103 025
	WASHER, LK., 5/16", MED.	4	4	103 320
6	BRACKET, ASM.	1	1	74 672 R11

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		R-100 R-110 R-120 SERIES	R-130 SERIES	
FIG. 04-39 - DRIVE SHAFT PARKING BRAKE - Continued				
7	BOLT, HEX-HD., 5/16NF x 3/4"	2	2	182 687
	NUT, HEX., 5/16NF	2	2	103 025
	WASHER, LK., 5/16", MED.	2	2	103 320
8	SECTOR	1	1	105 879 RI
9	RIVET	1	1	105 883 RI
10	PAWL	1	1	105 881 RI
11	SPRING	1	1	105 882 RI
12	SPRING	1	1	131 364 H
13	SPOON	1	1	105 880 RI
14	LEVER, ASM.	1	1	51 103 R2
15	RIVET	1	1	106 179 RI
16	RIVET	1	1	106 180 RI
17	PIN, ROD END, 5/16"	1	1	16 616 RI
	PIN, COTTER, 3/32 x 1/2"	1	1	103 372
18	CLAMP	1	1	74 238 H
19	CABLE, w/CONDUIT, ASM.	1	1	74 663 R9I
20	BOLT, HEX-HD., 1/4NF x 1/2"	1	1	182 647
	NUT, HEX., 1/4NF	1	1	103 024
	WASHER, LK., 1/4", MED.	1	1	103 319
21	CLIP	1	1	137 193
22	CLAMP	1	1	72 941 RI
23	BOLT, HEX-HD., 5/16NF x 7/8"	2	2	182 688
24	BRACKET	1	1	134 478 RI
25	BOLT, HEX-HD., 5/16NC x 1/2"	2	2	181 082
26	WASHER, LK., 5/16", MED.	2	2	103 320
27	SEAL	1	1	72 942 RI
28	BRACKET	1	1	134 022 RI
29	WASHER, LK., 3/8", MED.	4	4	103 321
30	BOLT, HEX-HD., 3/8NC x 1"	4	4	181 112
31	NUT, HEX., 1/4NC	2	2	109 084
32	BOLT	1	1	119 315 H
33	BAND, w/LINING, ASM.			
	R-100, R-110, R-120 SERIES	1		51 135 R2I
	R-130 SERIES		1	27 125 HCX
34	SPRING	1	1	21 978 H
35	SCREW	1	1	27 102 H
36	DRUM			
	R-100, R-110, R-120 SERIES	1		50 500 RI
	R-130 SERIES		1	135 931 RI
37	BOLT, HEX-HD., 3/8NF x 3/4"	4		182 716
	BOLT		4	37 479 HA
38	WASHER, LK., 3/8", MED.	4	4	103 321
39	NUT, HEX., 3/8NF	4	4	103 026

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		R-100 R-110 R-120 SERIES	R-130 SERIES	
FIG. 04-39 -- DRIVE SHAFT PARKING BRAKE - Continued				
40	SET, LINING, w/RIVETS	1	1	996 399 R9I
	RIVET	AR	AR	26 304 H
41	SPACER	1	1	26 413 H
42	SPRING	1	1	26 414 H
43	NUT, HEX., 7/16NC	2	2	271 500
44	SCREW, FIL-HD., 1/4NC x 2-3/4"	1	1	132 305
45	SPRING			
	R-100, R-110, R-120 SERIES	2		59 407 RI
	R-130 SERIES		2	21 983 H
46	NUT, HEX., 3/8NF	2	2	103 026
47	SWIVEL	1	1	119 319 HA
48	NUT	2	2	119 320 H
49	PIN, COTTER, 3/32 x 3/4"	2	2	103 373
50	BOLT	1	1	114 495 H
51	LEVER	2	2	27 101 HB
52	WASHER, FL., 3/8"	1	1	120 394
53	NUT, HEX., SLT., 3/8NF	1	1	102 645
54	PIN, COTTER, 3/32 x 3/4"	1	1	103 373
55	LINK	2	2	134 579 RI
56	PIN, COTTER, 3/32 x 3/4"	1	1	103 373
57	PIN	1	1	60 530 H
58	SPRING			
	R-100, R-110, R-120 SERIES	1		59 406 RI
	R-130 SERIES		1	21 983 H
59	NUT, HEX., 5/16NF	2	2	103 025
60	WASHER, LK., 5/16", MED.	2	2	103 320

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GROUP 04 - BRAKES

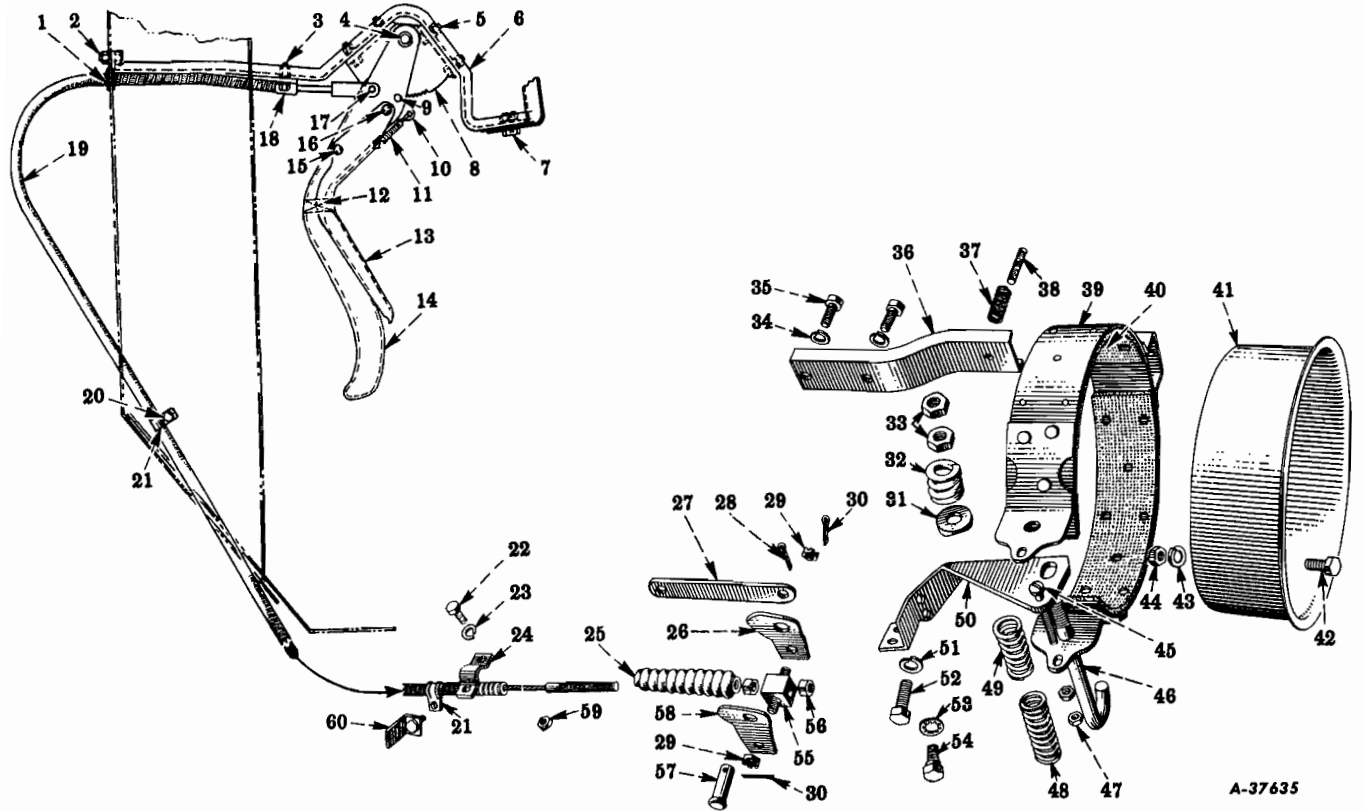


FIG. 04-40 - DRIVE SHAFT PARKING BRAKE
(R-110, R-120 Series - With Transmission Codes 1301, 1348)

KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		TRANS. CODES		
		1301	1348	
1	GROMMET	1	1	120 879
2	BOLT, HEX-HD., 5/16NF x 5/8"	2	2	182 685
	NUT, HEX., 5/16NF	2	2	103 025
	WASHER, LK., 5/16", MED.	2	2	103 320
3	BOLT, HEX-HD., 5/16NF x 3/4"	1	1	182 687
	5/16NF x 1"	1	1	182 689
	NUT, HEX., 5/16NF	2	2	103 025
	WASHER, LK., 5/16", MED.	2	2	103 320
	4	RIVET	1	1
5	BOLT, HEX-HD., 5/16NF x 3/4"	4	4	182 687
	NUT, HEX., 5/16NF	4	4	103 025
	WASHER, LK., 5/16", MED.	4	4	103 320
6	BRACKET, ASM.	1	1	74 672 R11
7	BOLT, HEX-HD., 5/16NF x 3/4"	2	2	182 687
	NUT, HEX., 5/16NF	2	2	103 025
	WASHER, LK., 5/16", MED.	2	2	103 320

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		TRANS. CODES		
		1301	1348	
FIG. 04-40 - DRIVE SHAFT PARKING BRAKE - Continued				
8	SECTOR	1	1	105 879 R1
9	RIVET	1	1	105 883 R1
10	PAWL	1	1	105 881 R1
11	SPRING	1	1	105 882 R1
12	SPRING	1	1	131 364 H
13	SPOON	1	1	105 880 R1
14	LEVER, ASM.	1	1	51 103 R2
15	RIVET	1	1	106 179 R1
16	RIVET	1	1	106 180 R1
17	PIN, ROD END, 5/16"	1	1	16 616 R1
	PIN, COTTER, 3/32 x 1/2"	1	1	103 372
18	CLAMP	1	1	74 238 H
19	CABLE, w/CONDUIT, ASM.	1	1	74 663 R91
20	BOLT, HEX-HD., 1/4NF x 1/2"	1	1	182 647
	WASHER, LK., 1/4", MED.	1	1	103 319
21	CLIP	2	2	137 193
22	BOLT, HEX-HD.			
	5/16NC x 3/4"	2		181 086
	5/16NF x 1"		2	182 689
23	WASHER, LK., 5/16", MED.	2	2	103 320
24	CLAMP	1	1	72 941 R1
25	SEAL	1	1	72 942 R1
26	LEVER	1		55 694 R1
	BELOW CHASSIS No. R-110-66505, R-120-15031		1	55 694 R1
	CHASSIS No. R-110-66505, R-120-15031 UP		1	150 523 R1
27	LINK			
	w/TRANS. CODE 1301	1		51 110 R1
	w/TRANS. CODE 1348		1	134 222 R1
28	PIN, COTTER, 1/8 x 1"	1	1	103 385
29	NUT	2	2	119 320 H
30	PIN, COTTER, 3/32 x 3/4"	2	2	103 373
31	SPACER	1	1	26 413 H
32	SPRING	1	1	26 414 H
33	NUT, HEX., 7/16NC	2	2	271 500
34	WASHER, LK., 3/8", MED.	2	2	103 321
35	BOLT, HEX-HD., 3/8NC x 3/4"	2	2	181 108
36	BRACKET	1	1	98 302 R1
37	SPRING	1	1	21 978 H
38	SCREW	1	1	27 102 H
39	BAND, w/LINING, ASM.	1	1	98 303 R11
40	SET, LINING, w/RIVETS	1	1	996 399 R91
	RIVET	20	20	26 304 H
41	DRUM	1	1	50 500 R1
42	BOLT, HEX-HD., 3/8NF x 1"	4	4	182 718
43	WASHER, LK., 3/8", MED.	4	4	103 321
44	NUT, HEX., 3/8NF	4	4	103 026
45	SCREW, FIL-HD., 1/4NC x 2-3/4"	1	1	132 308

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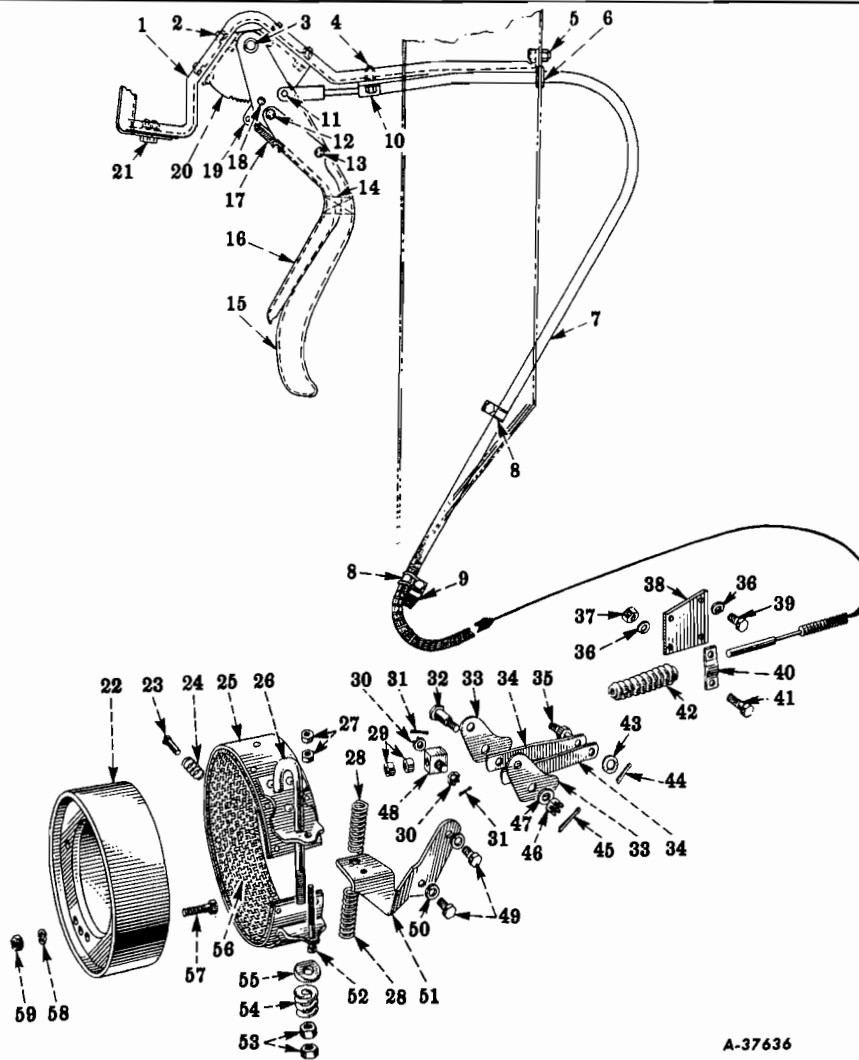


GROUP 04 – BRAKES

KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		TRANS. CODES		
		1301	1348	
FIG. 04-40 – DRIVE SHAFT PARKING BRAKE - Continued				
46	BOLT	1	1	119 315 H
47	NUT, HEX., 1/4NC	2	2	109 084
48	SPRING	1	1	59 407 RI
49	SPRING	1	1	59 406 RI
50	BRACKET, w/PIN, ASM.	1		51 108 R11
	PIN, COTTER, 3/32 x 1"	1		103 374
	WASHER, FL., 1/2"	1		12 164 RI
	BRACKET		1	125 713 RI
51	WASHER, LK., 3/8", MED.	2	1	103 321
52	BOLT, HEX-HD.			
	3/8NC x 1"	2		181 112
	3/8NC x 3/4"		1	181 108
53	WASHER, LK., 3/8", INT.		1	138 544
54	BOLT		1	125 714 RI
55	SWIVEL	1	1	119 319 HA
56	NUT, HEX., 3/8NF	2	2	103 321
57	PIN	1	1	27 128 H
58	LEVER	1		55 693 RI
	BELOW CHASSIS No. R-110-66505, R-120-15031		1	55 693 RI
	CHASSIS No. R-110-66505, R-120-15031 UP		1	150 522 RI
59	NUT, HEX., 5/16NF		2	103 025
60	CLIP	1	1	137 230 H
	BOLT, HEX-HD., 1/4NF x 1/2"	1	1	182 647
	NUT, HEX., 1/4NF	1	1	103 024
	WASHER, LK., 1/4", MED.	1	1	103 319
RIGHT HAND DRIVE				
6	BRACKET, ASM.	1	1	81 695 R11
60	EXTENSION	1	1	81 692 RI
	BOLT, HEX-HD., 1/4NF x 3/8"	1	1	182 650

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GROUP 04 - BRAKES



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FIG. 04-41 - DRIVE SHAFT PARKING BRAKE
(R-110, R-120, R-130 Series - With Transmission Code 1302)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	BRACKET, ASM.	1	74 672 R11
2	BOLT, HEX-HD., 5/16NF x 3/4"	4	182 687
	NUT, HEX., 5/16NF	4	103 025
	WASHER, LK., 5/16", MED.	4	103 320
3	RIVET	1	131 369 H
4	BOLT, HEX-HD.		
	5/16NF x 3/4"	1	182 687
	5/16NF x 1"	1	182 689
	NUT, HEX., 5/16NF	2	103 025
	WASHER, LK., 5/16", MED.	2	103 320
5	BOLT, HEX-HD., 5/16NF x 5/8"	2	182 685
	NUT, HEX., 5/16NF	2	103 025
	WASHER, LK., 5/16", MED.	2	103 320

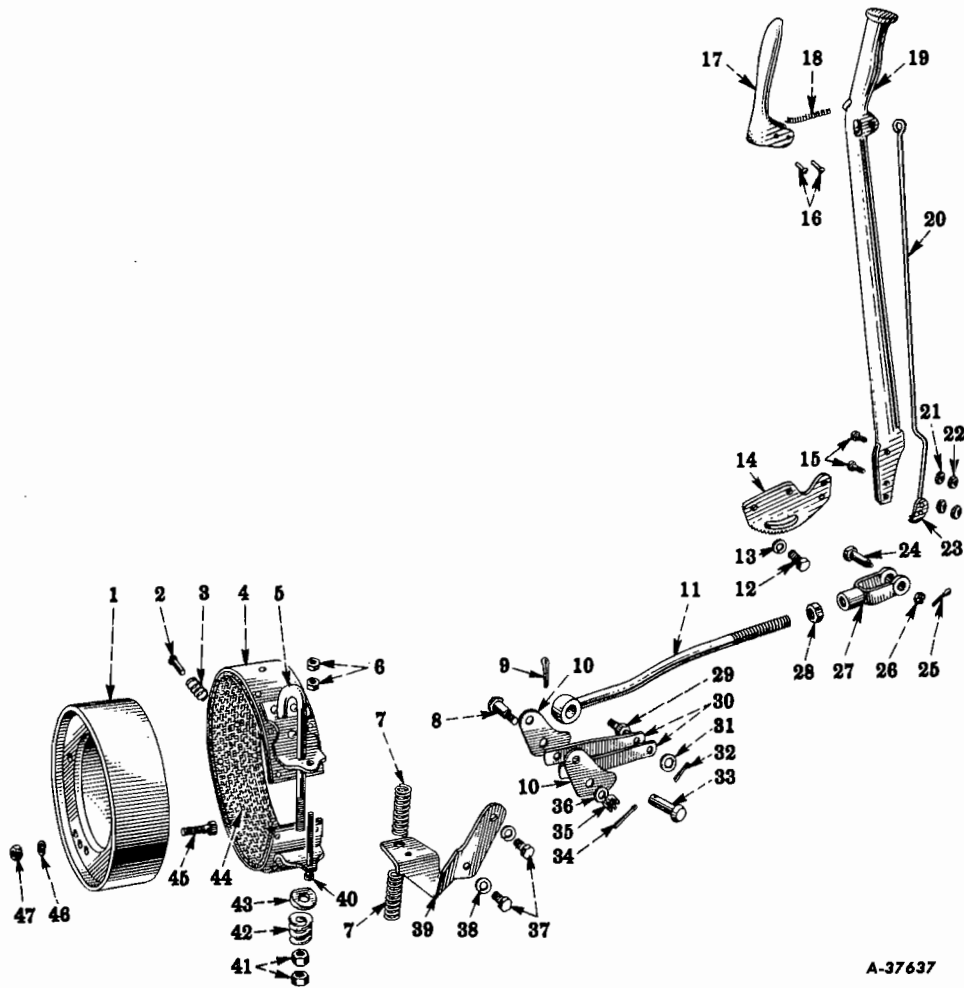
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GROUP 04 – BRAKES



KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-41 – DRIVE SHAFT PARKING BRAKE - Continued			
6	GROMMET	1	120 879
7	CABLE, w/CONDUIT, ASM.	1	74 663 R91
8	CLIP	2	137 193
	BOLT, HEX-HD., 1/4NF x 1/2"	2	182 647
	NUT, HEX., 1/4NF	1	103 024
	WASHER, LK., 1/4", MED.	2	103 319
9	EXTENSION	1	85 060 R1
10	CLAMP	1	74 238 H
11	PIN, ROD END, 5/16"	1	16 616 R1
	PIN, COTTER, 3/32 x 1/2"	1	103 372
12	RIVET	1	106 180 R1
13	RIVET	1	106 179 R1
14	SPRING	1	131 364 H
15	LEVER, ASM.	1	51 103 R2
16	SPOON	1	105 880 R1
17	SPRING	1	105 882 R1
18	RIVET	1	105 883 R1
19	PAWL	1	105 881 R1
20	SECTOR	1	105 879 R1
21	BOLT, HEX-HD., 5/16NF x 3/4"	2	182 687
	NUT, HEX., 5/16NF	2	103 025
	WASHER, LK., 5/16", MED.	2	103 320
22	DRUM	1	27 239 H
23	SCREW	1	94 894 H
24	SPRING	1	21 978 H
25	BAND, w/LINING, ASM.	1	27 125 HCX
26	BOLT	1	119 315 H
27	NUT, HEX., 1/4NC	2	109 084
28	SPRING	2	21 983 H
29	NUT, HEX., 3/8NF	2	103 321
30	NUT	2	119 320 H
31	PIN, COTTER, 3/32 x 3/4"	2	103 373
32	BOLT	1	114 495 H
33	LEVER	2	27 101 HB
34	LINK	2	58 594 R1
35	STUD	1	59 382 R1
36	WASHER, LK., 5/16", MED.	4	103 320
37	NUT, HEX., 5/16NF	2	103 025
38	BRACKET	1	75 063 R1
39	BOLT, HEX-HD., 5/16NC x 1"	2	181 088
40	CLAMP	1	72 941 R1
41	BOLT, HEX-HD., 5/16NF x 3/4"	2	182 687
42	SEAL	1	72 942 R1
43	WASHER, LK., 3/8", INT.	1	138 544
44	PIN, COTTER, 3/32 x 3/4"	1	103 373
45	PIN, COTTER, 3/32 x 3/4"	1	103 373
46	NUT, HEX., SLT., 3/8NF	1	102 645
47	WASHER, FL., 3/8"	1	118 775
48	SWIVEL	1	119 319 HA



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FIG. 04-42 — DRIVE SHAFT PARKING BRAKE
 (R-110, R-120, R-130, R-150, R-160 Series - With Transmission Code 1303)
 (R-130, R-150 Series - With Transmission Code 1320)

KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		TRANS. CODES		
		1303	1320	
1	DRUM	1	1	27 239 H
2	SCREW	1	1	94 894 H
3	SPRING	1	1	21 978 H
4	BAND, w/LINING, ASM.	1	1	27 125 HCX
5	BOLT	1	1	119 315 H
6	NUT, HEX., 1/4NC	2	2	109 084
7	SPRING	2	2	21 983 H
8	BOLT	1	1	114 495 H
9	PIN, COTTER, 3/32 x 3/4"	1	1	103 373
10	LEVER	2	2	27 101 HB

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GROUP 04 – BRAKES

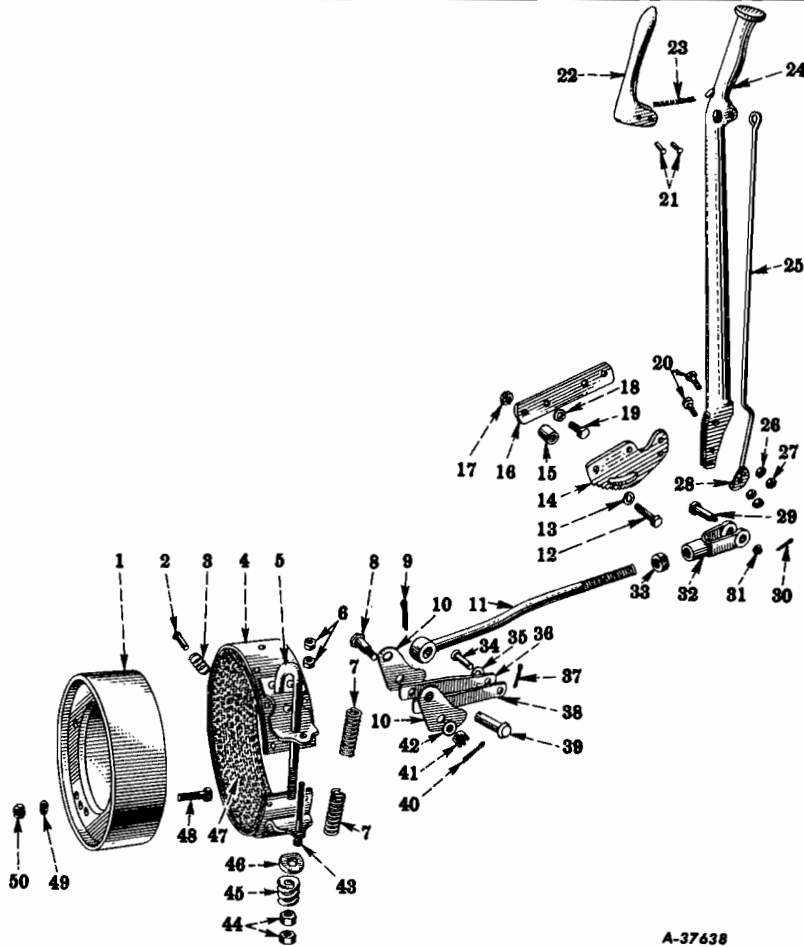


KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		TRANS. CODES		
		1303	1320	
FIG. 04-42 – DRIVE SHAFT PARKING BRAKE - Continued				
11	ROD, ASM.	1		81 899 R11
	ROD		1	57 619 R1
	YOKE		1	50 578 HA
	NUT, HEX., 3/8NF		1	103 026
12	BOLT, HEX-HD., 3/8NC x 7/8"	2	2	181 111
13	WASHER, LK., 3/8", MED.	2	2	103 321
14	SECTOR			
	R-110, R-120, R-130 SERIES	1	1	50 577 HD
	R-150, R-160 SERIES	1		75 059 R2
	R-150 SERIES		1	50 577 HD
15	BOLT	2	2	89 531 H
16	RIVET	2	2	47 168 H
17	SPOON	1	1	49 654 H
18	SPRING	1	1	49 655 HA
19	LEVER, ASM.			
	R-110, R-120, R-130 SERIES	1	1	50 580 HEX
	R-150, R-160 SERIES	1		75 060 R91
	R-150 SERIES		1	95 955 R91
20	ROD			
	R-110, R-120, R-130 SERIES	1	1	66 699 H
	R-150, R-160 SERIES	1	1	88 779 R1
21	NUT, HEX., JAM, 3/8NF	2	2	114 494
22	PALNUT, 3/8NF	2	2	107 322
23	PAWL	1	1	64 972 HA
24	BOLT	1		111 955 H
	PIN, ROD, END, 3/8"		1	103 496
25	PIN, COTTER			
	1/16 x 3/4"	1		103 362
	3/32 x 3/4"		1	103 373
26	NUT, HEX., SLT., 1/4NF	1		102 643
27	YOKE			
	w/TRANS. CODE 1303	1		78 088 R1
	w/TRANS. CODE 1320		1	50 578 HA
28	NUT, HEX.			
	1/2NF	1		103 028
	3/8NF		1	103 026
29	STUD			
	w/TRANS. CODE 1303	1		59 382 H
	w/TRANS. CODE 1320		1	119 316 H
30	LINK			
	w/TRANS. CODE 1303	2		58 594 R1
	w/TRANS. CODE 1320		2	63 156 HA

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GROUP 04 – BRAKES



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FIG. 04-43 — DRIVE SHAFT PARKING BRAKE
 (R-140-4x4, R-160-4x4 Series)
 (R-160 Series - With Transmission Codes 1322, 1323)

KEY	DESCRIPTION	No. REQ'D		I H PART NUMBER
		R-140-4x4 R-160-4x4	R-160 SERIES	
1	DRUM			
	R-140-4x4, R-160-4x4	1		129 817 R1
	R-160 SERIES		1	95 852 R1
2	SCREW			
	R-140-4x4, R-160-4x4	1		94 894 H
	R-160 SERIES		1	95 860 R1
3	SPRING			
	R-140-4x4, R-160-4x4	1		21 978 H
	R-160 SERIES		1	95 859 R1
4	BAND, w/LINING, ASM.			
	R-140-4x4, R-160-4x4	1		27 125 HCX
	R-160 SERIES		1	95 854 R11
5	BOLT			
	R-140-4x4, R-160-4x4	1		119 315 H
	R-160 SERIES		1	95 861 R1

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GROUP 04 - BRAKES



KEY	DESCRIPTION	No. REQ'D		I H PART NUMBER
		R-140-4x4 R-160-4x4	R-160 SERIES	
FIG. 04-43 - DRIVE SHAFT PARKING BRAKE - Continued				
6	NUT, HEX., 1/4NC	2	2	109 084
7	SPRING			
	R-140-4x4, R-160-4x4	2		21 983 H
	R-160 SERIES		2	95 862 RI
8	BOLT	1		114 495 H
	PIN, ROD END, 1/2"		1	103 498
9	PIN, COTTER, 3/32 x 3/4"	1	1	103 373
10	LEVER			
	R-140-4x4, R-160-4x4	2		27 101 HB
	R-160 SERIES		2	95 865 RI
11	ROD, ASM.			
	R-140-4x4	1		129 965 R9I
	R 160-4x4	1		129 954 R9I
	R-160 SERIES		1	94 400 R11
12	BOLT, HEX-HD., 3/8NC x 7/8"	2	2	181 111
13	WASHER, LK., 3/8", MED.	2	2	103 321
14	SECTOR			
	w/TRANS. CODE 1303	1		75 059 RI
	w/TRANS. CODE 1320	1		50 577 HD
	w/TRANS. CODES 1322, 1323		1	75 059 RI
15	RHD ONLY			
16	RHD ONLY			
17	RHD ONLY			
18	RHD ONLY			
19	RHD ONLY			
20	BOLT	2	2	89 531 H
21	RIVET	2	2	47 168 H
22	SPOON	1	1	49 654 H
23	SPRING	1	1	49 655 HA
24	LEVER, ASM.			
	w/TRANS. CODE 1303	1		75 060 R9I
	w/TRANS. CODE 1320	1		95 955 R9I
	w/TRANS. CODES 1322, 1323		1	75 060 R9I
25	ROD	1	1	88 779 RI
26	NUT, HEX., JAM, 3/8NF	2	2	114 494
27	PALNUT, 3/8NF	2	2	107 823
28	PAWL	1	1	64 972 HA
29	PIN	1		74 158 H
	BOLT		1	111 955 H

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GROUP 04 - BRAKES



KEY	DESCRIPTION	No. REQ'D		I H PART NUMBER
		R-140-4x4 R-160-4x4	R-160 SERIES	
FIG. 04-43 - DRIVE SHAFT PARKING BRAKE - Continued				
30	PIN, COTTER			
	3/32 x 3/4"	1		103 373
	1/16 x 3/4"		1	103 362
31	NUT, HEX., SLT., 1/4NF		1	102 643
32	YOKE	1	1	78 088 RI
33	NUT, HEX., 1/2NF	1	1	103 028
34	PIN	1		74 158 H
	STUD		1	95 868 RI
35	WASHER		1	118 365 H
36	LINK			
	R-140 - 4 x 4, R-160 - 4 x 4	1		129 867 RI
	R-160 SERIES		1	95 866 RI
37	PIN, COTTER			
	3/32 x 3/4"	1		103 373
	1/8 x 1"		1	103 385
38	LINK			
	R-140 - 4 x 4, R-160 - 4 x 4	1		129 867 RI
	R-160 SERIES		1	95 867 RI
39	PIN			
	R-140 - 4 x 4, R-160 - 4 x 4	1		74 158 H
	R-160 SERIES		1	60 530 H
40	PIN, COTTER			
	3/32 x 3/4"	1		103 373
	1/8 x 1"		1	103 385
41	NUT, HEX., SLT., 3/8NF	1		102 645
42	WASHER, FL., 3/8"	1		120 394
43	SCREW, FIL-HD., 1/4NC x 2-3/4"	1	1	132 308
44	NUT, HEX., 7/16NC	2	2	271 500
45	SPRING			
	R-140 - 4 x 4, R-160 - 4 x 4	1		26 414 H
	R-160 SERIES		1	95 863 RI
46	SPACER			
	R-140 - 4 x 4, R-160 - 4 x 4	1		26 413 H
	R-160 SERIES		1	95 864 RI
47	SET, LINING, w/RIVETS	1		996 401 R91
	LINING		1	95 855 RI ✓
47	RIVET			
	R-140 - 4 x 4, R-160 - 4 x 4	24		26 304 H
	R-160 SERIES		20	53 795 V

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GROUP 04 - BRAKES



KEY	DESCRIPTION	No. REQ'D		I H PART NUMBER
		R-140-4x4 R-160-4x4	R-160 SERIES	

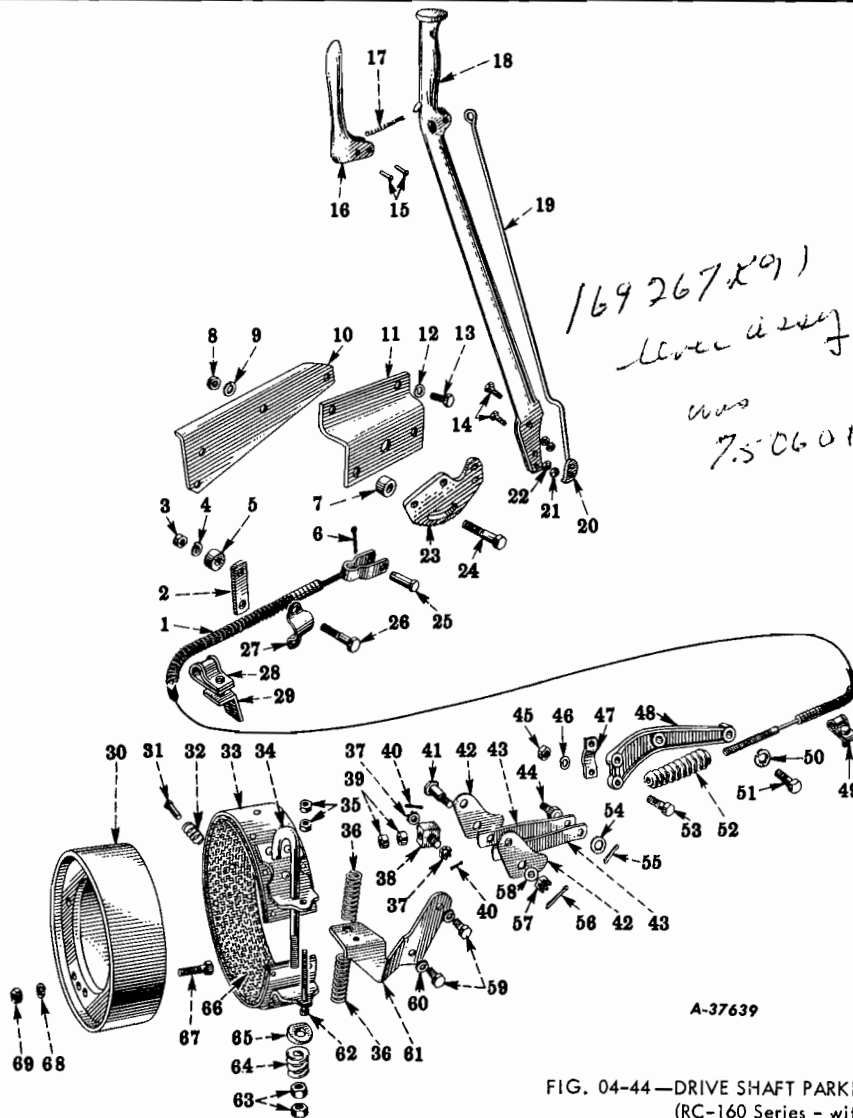
FIG. 04-43 - DRIVE SHAFT PARKING BRAKE - Continued

48	BOLT	4		129 946 R1
	BOLT, HEX-HD., 3/8NF x 1-1/4"		4	182 724
49	WASHER, L.K.	4		103 322
	7/16", MED.		4	103 321
	3/8", MED.			
50	NUT, HEX.	4		271 505
	7/16NF		4	103 026
	3/8NF			

RIGHT HAND DRIVE

11	ROD, ASM.		1	98 775 R11
12	BOLT, HEX-HD., 3/8NF x 1-7/8"		2	182 729
15	SPACER		2	98 774 R1
16	BRACKET		1	98 773 R1
17	NUT, HEX., 3/8NF		2	103 026
18	WASHER, L.K., 3/8", MED.		2	103 321
19	BOLT, HEX-HD., 3/8NC x 7/8"		2	181 111

GROUP 04 - BRAKES



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FIG. 04-44—DRIVE SHAFT PARKING BRAKE
(RC-160 Series - with Transmission Code 1303)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	CABLE, w/CONDUIT, ASM.	1	75 473 R91
2	PLATE	1	86 548 R1
3	NUT, HEX., 5/16NF	2	103 025
4	WASHER, LK., 5/16", MED.	2	103 320
5	SPACER	2	127 873 H
6	PIN, COTTER, 3/32 x 3/4"	1	103 373
7	SPACER	1	72 873 R1
8	NUT, HEX., 3/8NF	2	103 026
9	WASHER, LK., 3/8", MED.	2	103 321
10	BRACKET	1	86 550 R1
11	BRACKET	1	86 551 R1
12	WASHER, LK., 3/8", MED.	2	103 321
13	BOLT, HEX-HD., 3/8NF x 3/4"	2	182 716
14	BOLT	2	89 531 H
15	RIVET	2	47 168 H
16	SPOON	1	49 654 H

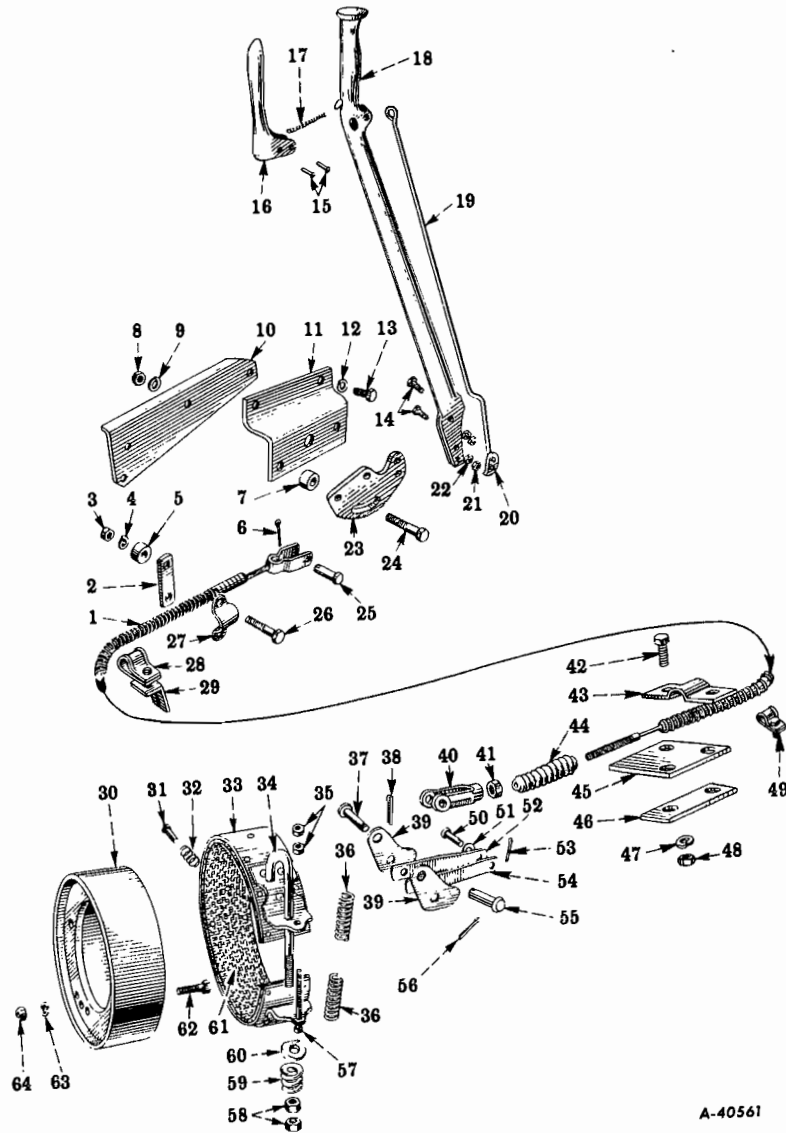
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GROUP 04 - BRAKES



KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 04-44 - DRIVE SHAFT PARKING BRAKE - Continued			
17	SPRING	1	49 655 HA
18	LEVER, ASM.	1	75 060 R91
19	ROD	1	88 779 R1
20	PAWL	1	64 972 HA
21	PALNUT, 3/8NF	2	114 494
22	NUT, HEX.; JAM, 3/8NF	2	107 823
23	SECTOR	1	75 059 R2
24	BOLT, HEX-HD., 3/8NF x 1-3/4"	2	182 728
25	PIN, ROD END, 3/8"	1	16 617 R1
26	BOLT, HEX-HD., 5/16NF x 1-1/2"	2	182 693
27	CLAMP	1	74 238 H
28	CLIP	1	137 193
	BOLT, HEX-HD., 1/4NF x 9/16"	1	182 648
	NUT, HEX., 1/4NF	1	103 024
	WASHER, LK., 1/4", MED.	1	103 319
29	CLIP	1	25 696 H1
	BOLT, HEX-HD., 1/4NF x 9/16"	1	182 648
	NUT, HEX., 1/4NF	1	103 024
	WASHER, LK., 1/4", MED.	1	103 319
30	DRUM	1	27 239 H
31	SCREW	1	94 894 H
32	SPRING	1	21 978 H
33	BAND, w/LINING, ASM.	1	27 125 HXC
34	BOLT	1	119 315 H
35	NUT, HEX., 1/4NC	2	109 084
36	SPRING	2	21 983 H
37	NUT	1	119 320 H
38	SWIVEL	1	119 319 HA
39	NUT, HEX., 3/8NF	2	103 026
40	PIN, COTTER, 3/32 x 3/4"	2	103 373
41	BOLT	1	114 495 H
42	LEVER	2	27 101 HB
43	LINK	1	58 594 R1
44	STUD	1	59 382 R1
45	NUT, HEX., 5/16NF	2	103 025
46	WASHER, LK., 5/16", MED.	2	103 320
47	CLAMP	1	82 947 R1
48	BRACKET	1	83 658 R1
49	CLIP	1	140 787
50	WASHER, LK., 3/8", MED.	2	103 321
51	BOLT, HEX-HD., 3/8NC x 1-3/8"	2	181 115
52	SEAL	1	72 942 R1
53	BOLT, HEX-HD., 5/16NF x 1-1/2"	2	182 693
54	WASHER, LK., 3/8", INT.	1	138 544
55	PIN, COTTER, 3/32 x 3/4"	1	103 373
56	PIN, COTTER, 3/32 x 3/4"	1	103 373
57	NUT, HEX., SLT., 3/8NF	1	102 645
58	WASHER, FL., 3/8"	1	118 775
59	BOLT, HEX-HD., 3/8NC x 7/8"	2	181 111
60	WASHER, LK., 3/8", MED.	2	103 321
61	BRACKET	1	27 115 HB
62	SCREW, FIL-HD., 1/4NC x 2-3/4"	1	132 308



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FIG. 04-44A — DRIVE SHAFT PARKING BRAKE (New Process)
(RC-160 Series With Transmission Codes 1305 and 1306)

KEY	DESCRIPTION	I H PART NUMBER
1	CABLE	75 473 R91
2	PLATE	86 548 R1
3	NUT, HEX., 5/16NF	103 025
4	WASHER, 5/16", MED.	103 320
5	SPACER	127 873 H
6	PIN, 3/32 x 3/4"	103 373
7	SPACER	72 873 R1
8	NUT, HEX., 3/8NF	103 026
9	WASHER, LK., 3/8", MED.	103 321
10	BRACKET	86 550 R1

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KEY	DESCRIPTION	I H PART NUMBER
FIG. 04-44A — DRIVE SHAFT PARKING BRAKE (New Process) - Continued		
11	BRACKET	86 551 RI
12	WASHER, LK., 3/8", MED.	103 321
13	BOLT, HEX-HD., 3/8NF x 3/4"	182 716
14	BOLT	89 531 H
15	RIVET	47 168 H
16	SPOON	49 654 H
17	SPRING	49 655 HA
18	LEVER, ASM.	75 060 R9I
19	ROD	88 779 RI
20	PAWL	64 972 HA
21	PALNUT, 3/8NF	114 494
22	NUT	107 823
23	SECTOR	75 059 R2
24	BOLT, HEX-HD., 3/8NF x 1-3/4"	182 728
25	PIN	16 617 RI
26	BOLT, HEX-HD., 5/16NF x 1-1/2"	112 693
27	CLAMP	74 238 H
28	CLIP	137 193
	BOLT, HEX-HD., 1/4NF x 9/16"	182 648
	NUT, HEX., 1/4NF	103 024
	WASHER, LK., 1/4", MED.	103 319
29	CLIP	25 696 HI
	BOLT, HEX-HD., 1/4NF x 9/16"	182 648
	NUT, HEX., 1/4NF	103 024
	WASHER, LK., 1/4", MED.	103 319
30	DRUM	95 852 RI
31	SCREW	95 860 RI
32	SPRING	95 859 RI
33	BAND, w/LINING, ASM.	95 854 RI I
34	BOLT	95 861 RI
35	NUT, 1/4NC	109 084
36	SPRING	95 862 RI
37	PIN	103 498
38	PIN	103 373
39	LEVER	95 865 RI
40	YOKE	146 839 RI
41	NUT, HEX., 3/8NF	103 026
42	BOLT, HEX-HD., 3/8NF x 7/8"	182 717
43	CLAMP	146 837 RI
44	SEAL	72 942 RI
45	PLATE	146 838 RI
46	SPACER	146 840 RI
47	WASHER, 3/8", MED.	103 321
48	NUT, HEX., 3/8NF	103 026
49	CLIP	140 787
50	STUD	95 868 RI
51	WASHER	118 365 H
52	LINK, LT.	95 866 RI
53	PIN, COTTER, 1/8 x 1"	103 385
54	LINK, RT.	95 867 RI
55	PIN	74 158 H
56	PIN, COTTER, 3/32 x 5/8"	103 385

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GROUP 04 - BRAKES

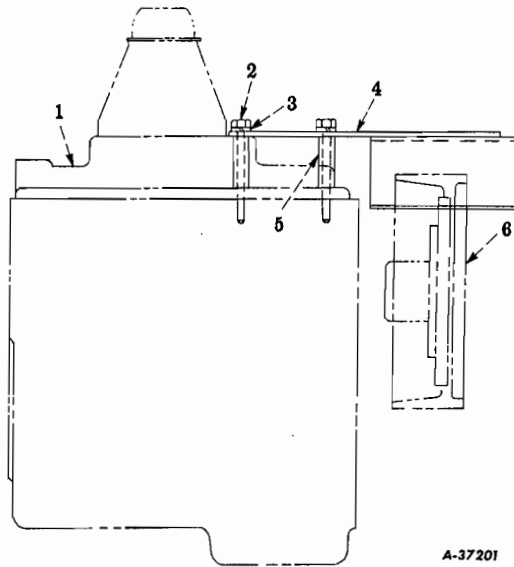


FIG. 04-45 - DRIVE SHAFT PARKING BRAKE SHIELD (Code 0416)
(R-153, R-163)

KEY	DESCRIPTION	MODELS		NO. REQ'D TRANS. CODES			I H PART NUMBER
		R-153	R-163	1303	1320	1305 1306 1322 1323	
1	TRANSMISSION, ASM. (SEE GROUP 13)						
2	BOLT, HEX-HD. 3/8NC x 3"	X	X	AR	AR	4	181 130
	3/8NC x 4" (w/AXLE CODE 1457)	X		2	2		433 111
	3/8NC x 4-1/4" (w/AXLE CODE 1457)	X		1	1		433 116
3	WASHER, LK., 3/8", MED.	X		4	4		103 321
4	SHIELD, w/SUPPORT, ASM.						
	w/TRANS. CODE 1303	X	X	1			77 845 R91
	w/TRANS. CODE 1320	X			1		107 488 HAX
	w/TRANS. CODE 1320, 1323		X			1	97 629 R91
5	SPACER						
	w/AXLE CODE 1403	X		4	2		107 487 H
	w/AXLE CODE 1457	X		1	1		26 241 H
	w/AXLE CODE 1457			1			97 069 R1
	w/AXLE CODE 1457				1		33 026 V
	w/AXLES, CODES, 1404, 1410		X	4		4	107 487 H
6	BRAKE (SEE SEPARATE ILLUSTRATION)						

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