



GROUP 13 – TRANSMISSIONS

HBS-3-SPEED, CODE 1301

R-110 SERIES – BELOW 47105

R-120 SERIES – BELOW 9597

- FIG. 13-1 CASE, GEARS AND SHIFT BARS
- FIG. 13-2 CONTROL HOUSING
- FIG. 13-5 REMOTE CONTROL
- FIG. 13-6 REMOTE CONTROL RODS (LEFT HAND DRIVE)
- FIG. 13-7 REMOTE CONTROL RODS (RIGHT HAND DRIVE)

HNS-3-SPEED, WITHOUT OVERDRIVE, CODE 1348

R-100 SERIES

R-110 SERIES 47105 AND UP

R-120 SERIES 9597 AND UP

- FIG. 13-3 TRANSMISSION ASSEMBLY
- FIG. 13-10 REMOTE CONTROL
- FIG. 13-11 REMOTE CONTROL RODS (LEFT HAND DRIVE)
- FIG. 13-12 REMOTE CONTROL RODS (RIGHT HAND DRIVE)

T-87D-3-SPEED, CODE 1302

R-110, R-120, R-130 SERIES

- FIG. 13-4 TRANSMISSION ASSEMBLY
- FIG. 13-5 REMOTE CONTROL
- FIG. 13-8 REMOTE CONTROL RODS (LEFT HAND DRIVE)
- FIG. 13-9 REMOTE CONTROL RODS (RIGHT HAND DRIVE)

HNS-3-SPEED, WITH OVERDRIVE, CODE 1383

R-100, R-110 SERIES

- FIG. 13-13 TRANSMISSION ASSEMBLY
- FIG. 13-14 OVERDRIVE UNIT
- FIG. 13-15 OVERDRIVE WIRING
- FIG. 13-10 REMOTE CONTROL
- FIG. 13-11 REMOTE CONTROL RODS (LEFT HAND DRIVE)
- FIG. 13-12 REMOTE CONTROL RODS (RIGHT HAND DRIVE)

AUTOMATIC, CODE 1374

R-100, R-110, R-120, R-130 SERIES

- FIG. 13-16 CASE, SERVOS, BRAKE BANDS AND SELECTOR LEVER
- FIG. 13-17 FRONT PUMP AND COLLECTOR RING, MAINSHAFT AND MULTIPLE DISC CLUTCH
- FIG. 13-18 VALVE BLOCK ASSEMBLY (EARLY PRODUCTION)
- FIG. 13-18A VALVE BLOCK ASSEMBLY (LATE PRODUCTION)
- FIG. 13-19 EXTENSION CASE, GOVERNOR, REAR OIL PUMP AND SPEEDOMETER GEAR HOUSING
- FIG. 13-20 OIL COOLER (CODE 1384) AND OIL TEMPERATURE GAUGE (CODE 1385)
- FIG. 13-21 REMOTE CONTROL AND RODS

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T-98-4-SPEED, CODE 1303

R-110, R-120, R-130, R-140-4x4, R-160, R-160-4x4, RC-160 SERIES

FIG. 13-22 CASE AND GEARS
FIG. 13-23 SHIFTING MECHANISM

T-9-4-SPEED, CODE 1320

R-130, R-140-4x4, R-150, R-160-4x4 SERIES

FIG. 13-24 TRANSMISSION ASSEMBLY
FIG. 13-25 CONTROL HOUSING

NEW PROCESS – 5-SPEED, OVERDRIVE, CODES 1305, 1322

NEW PROCESS – 5-SPEED, DIRECT-IN-FIFTH, CODES 1306, 1323

R-160 SERIES

FIG. 13-26 TRANSMISSION ASSEMBLY (CODES 1322, 1323)
FIG. 13-26A TRANSMISSION ASSEMBLY (CODES 1305, 1306)
FIG. 13-27 CONTROL HOUSING (CODES 1322, 1323)
FIG. 13-27A CONTROL HOUSING (CODES 1305, 1306)

POWER TIRE PUMP, CODE 1361

R-160 SERIES

FIG. 13-28 TIRE PUMP

TRANSFER CASE

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

FIG. 13-29 CASE AND GEARS
FIG. 13-30 MOUNTING
FIG. 13-32 CONTROLS

WINCH, FRONT MOUNTED, CODES 5375, 6602, 6604

R-140-4x4 SERIES, CODE 6602
R-160-4x4 SERIES, CODE 6604

FIG. 13-31 POWER TAKE OFF
FIG. 13-34 WINCH (CODES 6602, 6604)
FIG. 13-34A WINCH (CODE 5375)
FIG. 13-35 WINCH DRIVESHAFT (FOR CODES 6602, 6604)
FIG. 13-36 WINCH DRIVESHAFT (FOR CODE 5375)

TRANSFER CASE POWER TAKE OFF, CODE 1392

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

FIG. 13-33 POWER TAKE OFF

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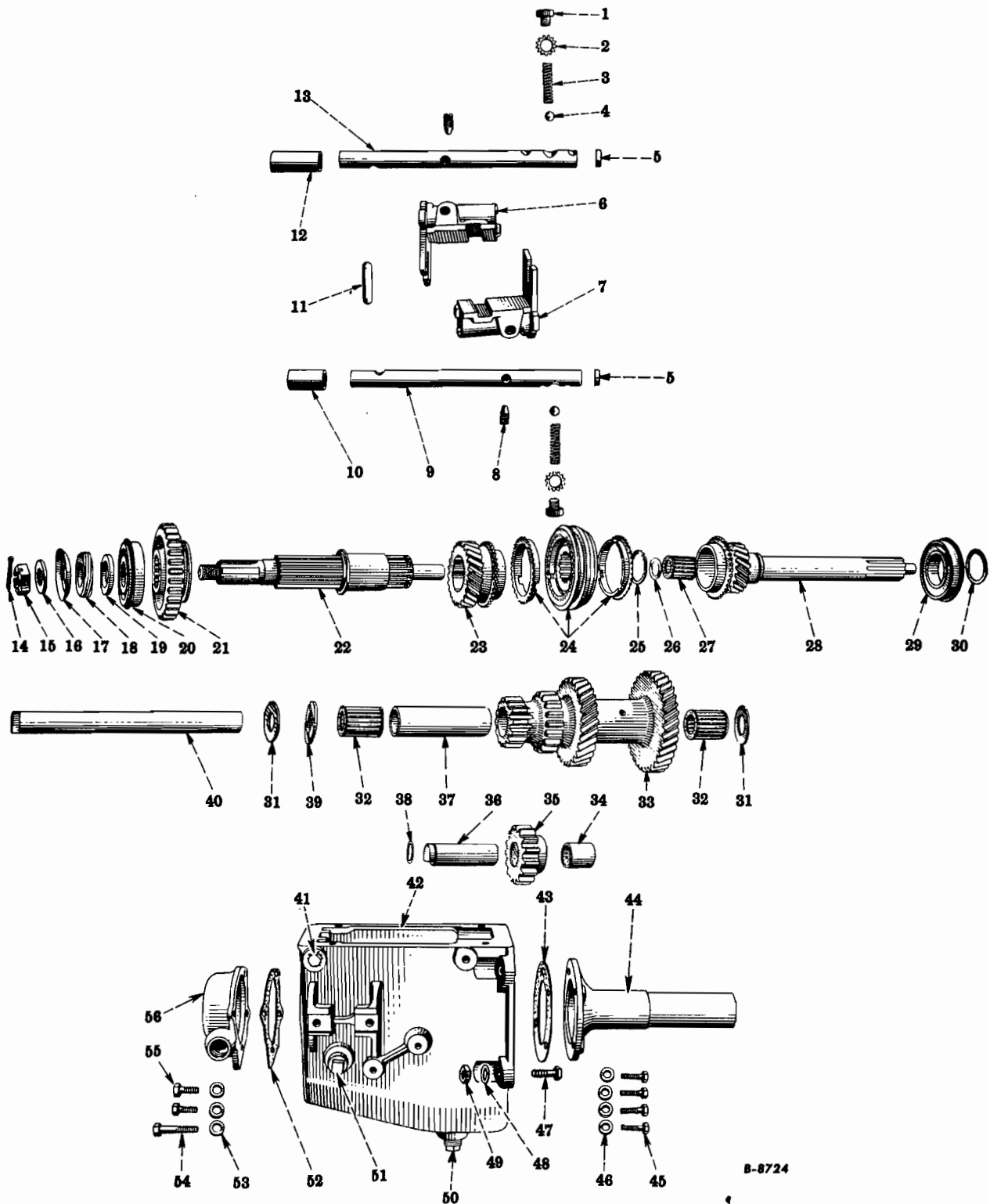


FIG. 13-1 — TRANSMISSION CASE, GEARS AND SHIFT BARS
(3 Speed, IH Model HBS, Code 1301)
(R-110 Series - Below 47105)
(R-120 Series - Below 9597)

(See following page for parts)

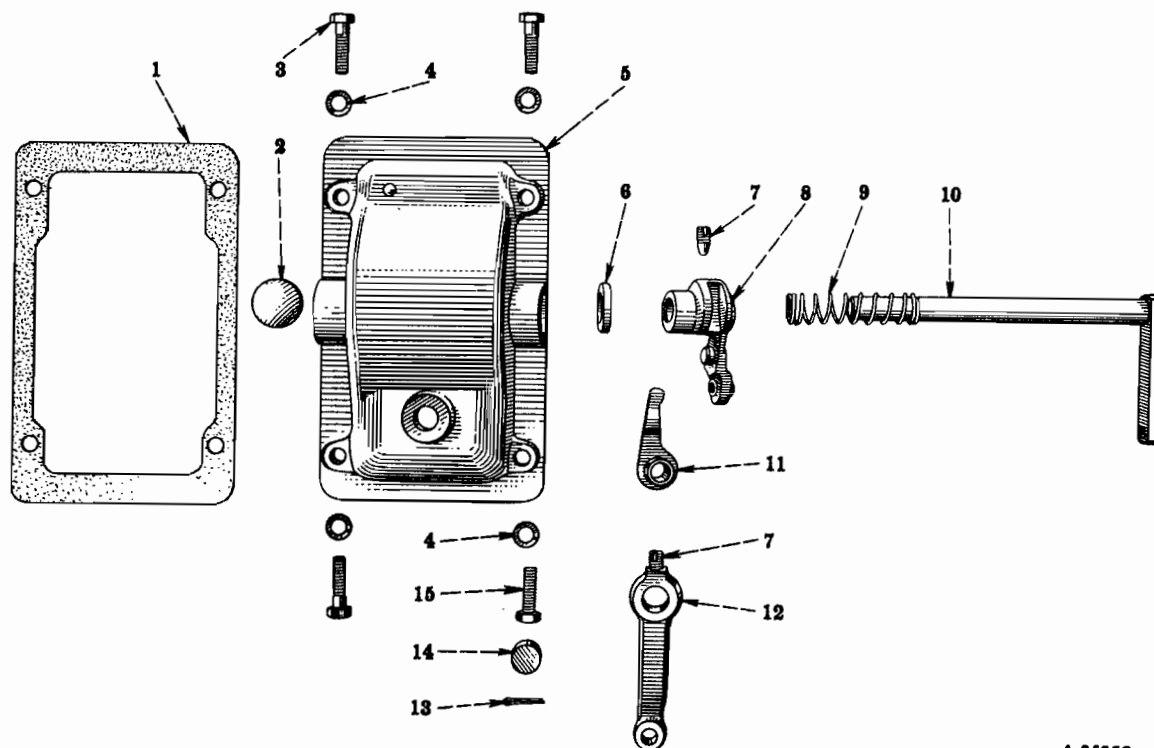
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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-1 – TRANSMISSION CASE, GEARS AND SHIFT BARS			
	TRANSMISSION, ASM. (w/O CONTROL HOUSING)	1	76 443 R94
	GASKET, SET	1	82 755 R91
1	PLUG, HEX-HD., 7/16NC x 5/16"	2	32 789 V
2	WASHER, LK., 7/16", EXT.	2	138 493
3	SPRING	2	51 089 R1
4	BALL, 3/8"	2	16 012 R1
5	PLUG, EXPANSION, 11/16"	2	172 530
6	FORK, ASM.	1	80 123 R95
7	FORK, ASM.	1	51 091 R61
8	SCREW	2	76 476 H
9	BAR	1	51 088 R1
10	PLUG	1	51 085 R1
11	PLUNGER	1	51 090 R1
12	PLUG	1	51 086 R1
13	BAR	1	51 087 R1
14	PIN (SEE GROUP 06)		
15	NUT (SEE GROUP 06)		
16	WASHER (SEE GROUP 06)		
17	SLINGER (SEE GROUP 06)		
18	GEAR	1	50 083 H
19	SPACER	1	1 977 Y
20	BEARING	1	ST 232
21	GEAR	1	90 850 H
22	SHAFT, w/ADAPTER, ASM.	1	80 119 R21
23	GEAR	1	80 118 R1
24	SYNCHRONIZER, ASM.	1	82 765 R91
25	RING		
	.09375" THICK	AR	51 619 H
	.098" THICK	AR	106 940 R1
26	SPACER	1	51 621 H
27	BEARING, ASM.	1	42 016 HA
28	GEAR	1	80 021 R1
29	BEARING, ASM.	1	ST 234
30	RING	1	1 956 Y
31	WASHER, BRONZE	2	51 609 H
32	BEARING, ASM.	2	29 582 H
33	GEAR	1	90 849 HA
34	BEARING	1	1 944 Y
35	GEAR, w/BUSHING, ASM.	1	90 853 HX
36	SHAFT	1	1 945 Y
37	SPACER	1	51 620 H
38	RING	1	1 973 Y
39	WASHER, STEEL	1	51 617 H
40	SHAFT	1	51 615 H
41	PLUG, HEX-HD., 7/16NC x 5/16"	1	32 789 V
	WASHER, LK., 7/16", EXT.	1	138 493
42	CASE	1	98 316 R1
43	GASKET	1	51 618 H
44	RETAINER, ASM.	1	108 103 R11
45	BOLT, HEX-HD., 5/16NC x 1"	4	181 088

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GROUP 13 — TRANSMISSIONS



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FIG. 13-2 — TRANSMISSION CONTROL HOUSING (3 Speed, IH Model HBS, Code 1301)
 R-110 Series - Below Chassis No. 47105
 R-120 Series - Below Chassis No. 9597

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	HOUSING, w/SHAFT AND LEVER, ASM.	1	93 713 R91
1	GASKET	1	51 080 R1
2	PLUG, EXPANSION, 1-1/4"	1	172 558
3	BOLT, HEX-HD., 3/8NC x 1-1/4"	3	181 114
4	WASHER, LK., 3/8", MED.	4	103 321
5	HOUSING	1	80 132 R1
6	SEAL, ASM.	1	80 114 R91
7	SCREW	2	76 476 H
8	LEVER, w/PINS, ASM.	1	80 130 R11
9	SPRING	1	80 270 R1
10	SHAFT, ASM.	1	88 595 R11
11	LEVER, ASM.	1	80 128 R91
12	LEVER	1	80 131 R1
13	PIN, COTTER, 3/32 x 1"	1	103 374
14	COVER	1	28 907 H
15	BOLT	1	80 124 R1

RIGHT HAND DRIVE

	HOUSING, w/SHAFT AND LEVER, ASM.	1	93 714 R91
10	SHAFT, ASM.	1	88 594 R11
11	LEVER, ASM.	1	80 125 R91

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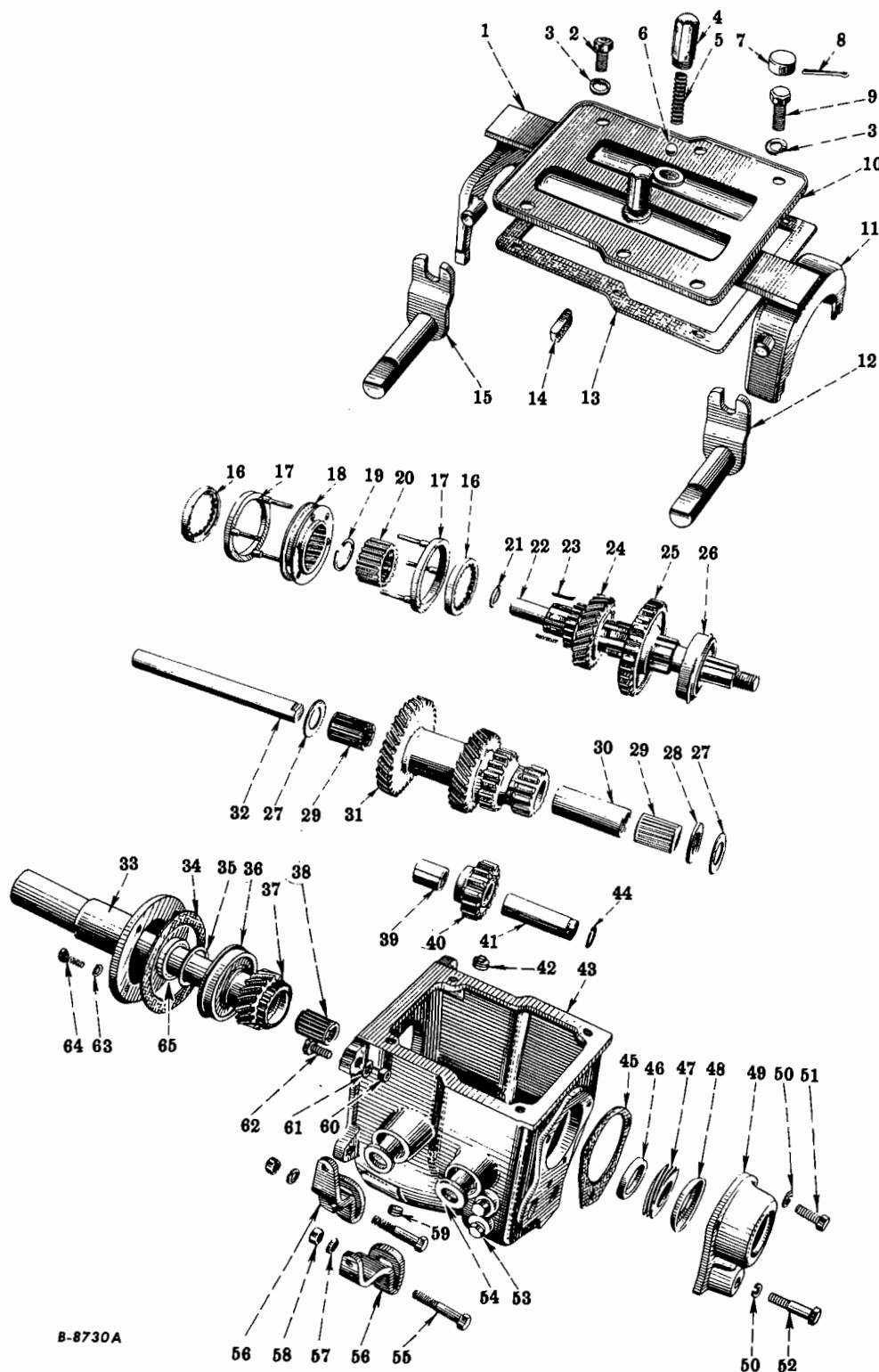


FIG. 13-3 — TRANSMISSION ASSEMBLY (3 Speed, Model HNS, Without Overdrive, Code 1348)
 (R-100 Series)
 (R-110 Series - 47105 and Up)
 (R-120 Series - 9597 and Up)

(See following page for parts)

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-3 — TRANSMISSION ASSEMBLY (3 Speed, Model HNS, Without Overdrive, Code 1348)			
	TRANSMISSION, ASM.	1	127 796 R91
1	FORK, ASM.	1	139 600 R91
2	BOLT, HEX-HD., 3/8NC x 3/4"	5	181 108
3	WASHER, LK., 3/8", MED.	6	103 321
4	RETAINER	2	125 688 R1
5	SPRING	2	134 008 R1
6	BALL, 3/8"	2	16 012 R1
7	COVER	1	28 907 H
8	PIN, COTTER, 3/32 x 1"	1	103 374
9	BOLT	1	125 681 R1
10	COVER, w/GUIDES, ASM.	1	128 092 R91
11	FORK	1	127 504 R91
12	SHAFT, ASM.	1	139 391 R91
13	GASKET	1	127 584 R1
14	PLUNGER	1	125 685 R1
15	SHAFT, ASM.	1	127 551 R1
16	RING	2	127 752 R1
17	RING, w/PINS, ASM.	2	127 751 R11
18	CLUTCH	1	127 754 R1
19	RING		
	.093" THICK	AR	127 445 R1
	.0955" THICK	AR	127 447 R1
	.098" THICK	AR	127 446 R1
20	GEAR	1	127 750 R1
21	SPACER	1	51 621 H
22	SHAFT	1	127 831 R1
23	SPRING	3	127 749 R1
24	GEAR	1	127 544 R1
25	GEAR	1	127 832 R1
26	BEARING, ASM.	1	ST 232
27	WASHER, BRONZE	2	51 609 H
28	WASHER, STEEL	1	51 617 H
29	BEARING, ASM.	2	29 582 H
30	SPACER	1	127 587 R1
31	GEAR	1	125 709 R1
32	SHAFT	1	125 710 R1
33	RETAINER, MAIN DR. GEAR BRG., w/SEAL, ASM.	1	108 103 R11
34	GASKET	1	51 618 H
35	RING	1	1 956 Y
36	BEARING, ASM.	1	ST 234
37	GEAR	1	127 530 R1
38	BEARING, ASM.	1	42 016 HA
39	BUSHING	1	1 944 Y
40	GEAR, w/BUSHING, ASM.	1	125 712 R11
41	SHAFT	1	1 945 Y
42	PLUG, PIPE, SQ-HD., 1/2"	1	16 844 R1
43	CASE	1	127 570 R1
44	RING	1	1 973 Y
45	GASKET	1	51 635 H
46	SPACER	1	1 977 Y
47	GEAR	1	50 083 H
48	SLINGER, OIL MASHFT., REAR BRG.	1	1 959 Y

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GROUP 13 – TRANSMISSIONS

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GROUP 13 — TRANSMISSIONS

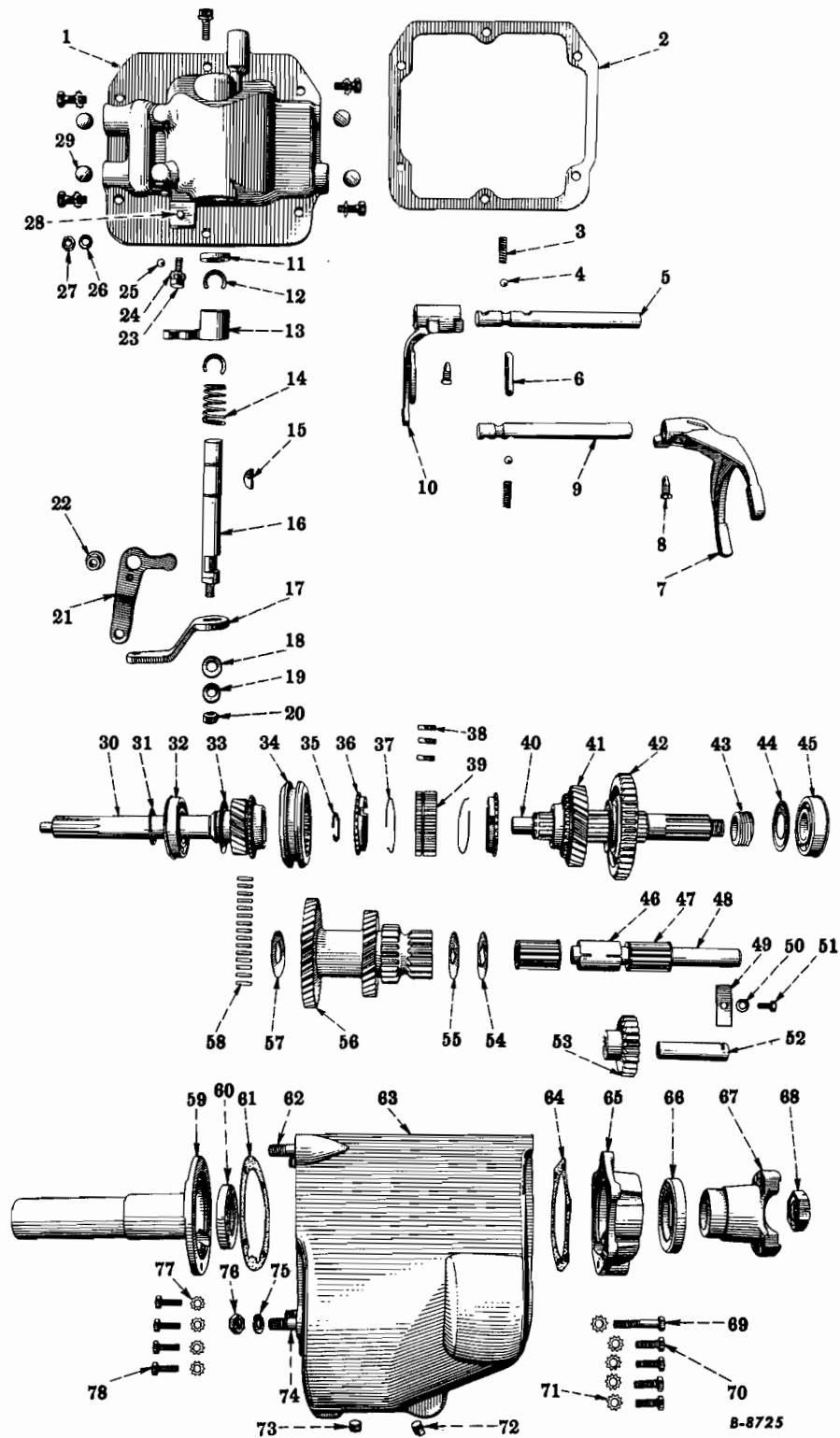


FIG. 13-4 — TRANSMISSION ASSEMBLY (3 Speed, IH Model T-87D, Code 1302)
(R-110, R-120, R-130 Series)

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GROUP 13 – TRANSMISSIONS



KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-4 — TRANSMISSION ASSEMBLY (3 Speed, IH Model T-87D, Code 1302)			
	TRANSMISSION, ASM.	1	100 684 R92
	HOUSING, w/LEVER, ASM.	1	78 905 R91
1	HOUSING, w/STUDS, ASM.	1	73 065 R11
2	GASKET	1	73 081 R1
3	SPRING	2	73 298 R1
4	BALL, 3/8"	2	16 012 R1
5	BAR	1	73 066 R1
6	PLUNGER	1	73 075 R1
7	FORK	1	73 069 R1
8	SCREW	2	23 079 H
9	BAR	1	73 067 R1
10	FORK	1	73 068 R1
11	SEAL, ASM.	1	73 073 R91
12	RING	2	73 074 R1
13	LEVER	1	73 071 R1
14	SPRING	1	73 070 R1
15	KEY, WOODRUFF, 3/16 x 3/4"	1	106 751
16	SHAFT	1	73 072 R1
17	LEVER	1	76 974 R1
18	WASHER, FL., 3/8"	1	118 775
19	WASHER, LK., 3/8", MED.	1	103 321
20	NUT, HEX., 3/8NF	1	103 026
21	LEVER	1	78 908 R1
22	SPACER	1	78 909 R1
23	BOLT, HEX-HD., 3/8NC x 7/8"	6	181 111
24	WASHER, LK., 3/8", MED.	6	103 321
25	PLUG	1	59 761 R1
26	WASHER, LK., 5/16", MED.	1	103 320
27	NUT, HEX., 5/16NF	1	103 025
28	STUD	1	78 907 R1
29	PLUG, EXPANSION, 3/4"	4	172 531
30	GEAR	1	73 059 R1
31	RING		
	.093" THICK	AR	71 866 R1
	.097" THICK	AR	71 867 R1
	.100" THICK	AR	71 868 R1
	.103" THICK	AR	71 869 R1
32	BEARING, ASM.	1	ST 530
	RING, SNAP, MAIN DR. GEAR BRG.	1	62 459 R1
33	SLINGER	1	71 870 R1
34	UNIT, ASM.	1	71 835 R91
35	RING	1	71 841 R1
36	RING	2	71 840 R1
37	NOT SERVICED SEPARATELY		
38	NOT SERVICED SEPARATELY		
39	NOT SERVICED SEPARATELY		
40	SHAFT	1	73 018 R2
41	GEAR, w/BUSHING, ASM.	1	73 022 R11
42	GEAR	1	73 026 R1
43	GEAR	1	71 853 R1
44	SLINGER, OIL, MASHFT. REAR BRG.	1	71 850 R1
45	BEARING, ASM.		ST 531
	RING, SNAP, MASHFT. BRG.	1	126 603 R1
46	SPACER	1	73 031 R1

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GROUP 13 – TRANSMISSIONS

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-4 — TRANSMISSION ASSEMBLY (3 Speed, IH Model T-87D, Code 1302) - Continued			
47	BEARING, ASM.	2	23 172 H
48	SHAFT	1	73 035 R1
49	LOCK	1	27 082 H
50	WASHER, LK., 3/8", MED.	1	103 321
51	BOLT, HEX-HD., 3/8NC x 3/4"	1	181 108
52	SHAFT	1	73 036 R1
53	GEAR, w/BUSHING, ASM.	1	73 056 R11
54	WASHER	1	73 034 R1
55	WASHER	1	73 033 R1
56	GEAR	1	73 030 R1
57	WASHER	1	73 032 R1
58	ROLLER	16	59 579 R1
59	RETAINER, w/SEAL, ASM.	1	78 904 R21
60	SEAL, ASM.	1	109 119 R91
61	GASKET		
	.010" THICK	AR	59 576 R1
	.0165" THICK	AR	71 862 R1
	.022" THICK	AR	71 863 R1
	.0275" THICK	AR	71 864 R1
62	STUD	2	112 616 HA
63	CASE, w/STUDS, ASM.	1	73 016 R12
64	GASKET		
	.010" THICK	AR	71 871 R1
	.015" THICK	AR	71 872 R1
	.020" THICK	AR	71 873 R1
	.025" THICK	AR	71 874 R1
65	RETAINER, w/BUSHING, ASM.	1	72 200 R11
66	SEAL, ASM.	1	59 586 R91
67	FLANGE (SEE GROUP 06)		
68	NUT (SEE GROUP 06)		
69	BOLT, HEX-HD., 3/8NC x 2"	1	181 126
70	BOLT, HEX-HD., 3/8NC x 1"	4	181 112
71	WASHER, LK., 3/8", EXT.	5	120 930
72	PLUG, PIPE, SQ-HD., 3/4"	1	16 845 R1
73	PLUG, PIPE, CTSK-HD., 3/4"	1	16 843 R1
74	STUD	2	94 807 R1
75	WASHER, LK., 1/2", MED.	4	103 323
76	NUT, HEX., 1/2NF	4	103 028
77	WASHER, LK., 5/16", EXT.	4	138 487
78	BOLT, HEX-HD., 5/16NC x 7/8"	4	181 087

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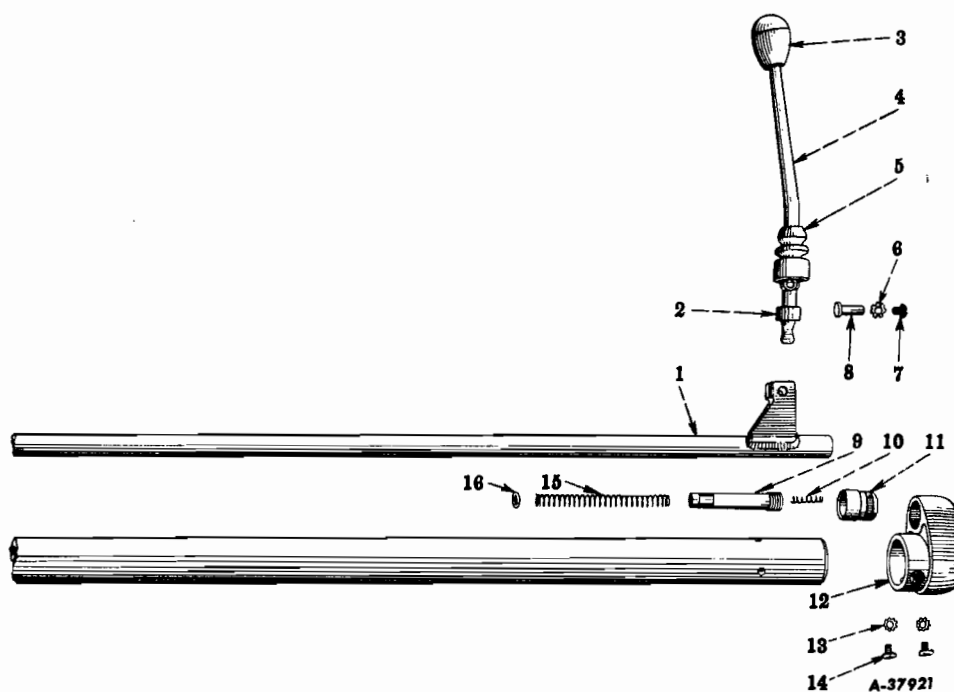


FIG. 13-5 — TRANSMISSION REMOTE CONTROL

(R-110 Series - With Model HBS Transmission, Code 1301 Below 47105)

(R-120 Series - With Model HBS Transmission, Code 1301 Below 9597)

(R-110, R-120, R-130 Series - With Model T-87D Transmission, Code 1302)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	TUBE, w/LEVER AND PLUG, ASM.	1	78 954 R91
2	BUMPER	1	52 404 R1
3	HANDLE	1	102 781 HA
4	LEVER, ASM.	1	51 053 R11
5	SLEEVE	1	51 056 R1
6	WASHER, L.K., 5/16", EXT.	1	138 538
7	SCREW, RD-HD., No. 12NC x 3/8"	1	132 969
8	PIN, w/SCREW AND WASHER, ASM.	1	55 115 R21
9	SHAFT, w/PLUGS, ASM.	1	78 923 R11
10	SPRING	1	30 531 V
11	BUSHING	1	78 922 R1
12	BRACKET, w/BUSHING, ASM.	1	78 920 R11
13	WASHER, L.K., 1/4", EXT.	2	138 606
14	SCREW, MACHINE, 1/4NF x 3/8"	2	12 434 R1
15	SPRING	1	51 060 R1
16	WASHER	1	56 384 R1

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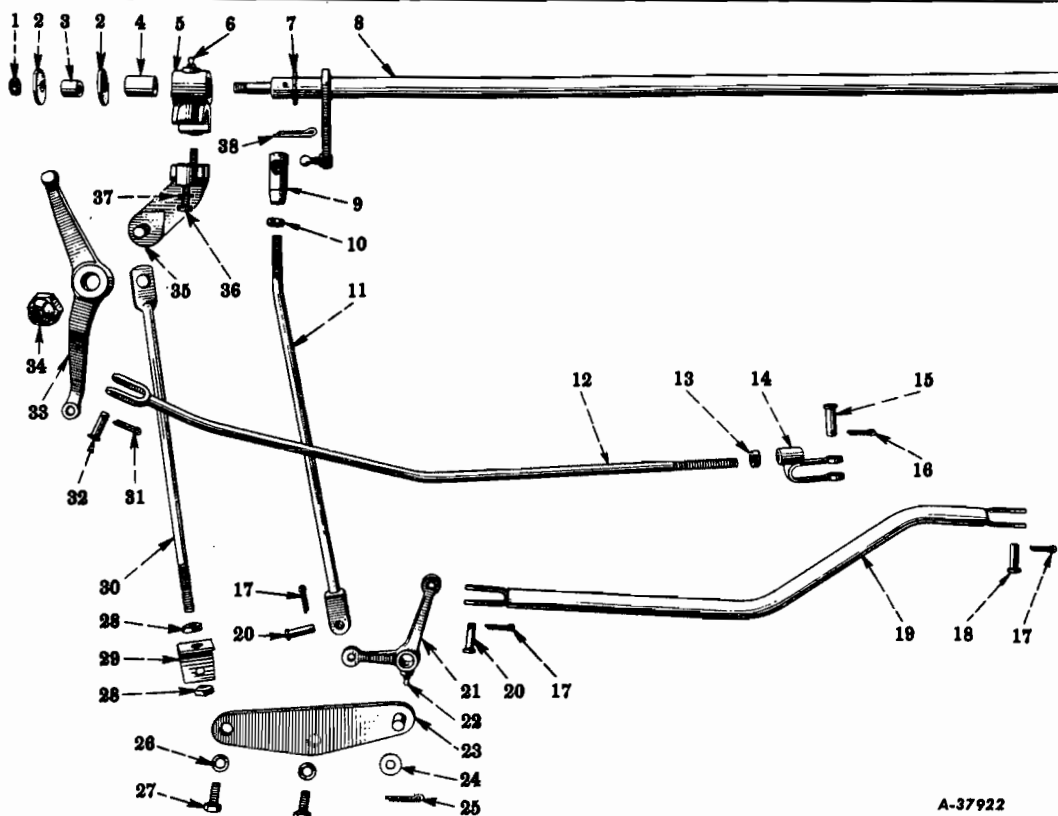


FIG. 13-6 - TRANSMISSION REMOTE CONTROL RODS (Left Hand Drive)
(Model HBS Transmission, Code 1301)
(R-110 - Below 47105)
(R-120 - Below 9597)

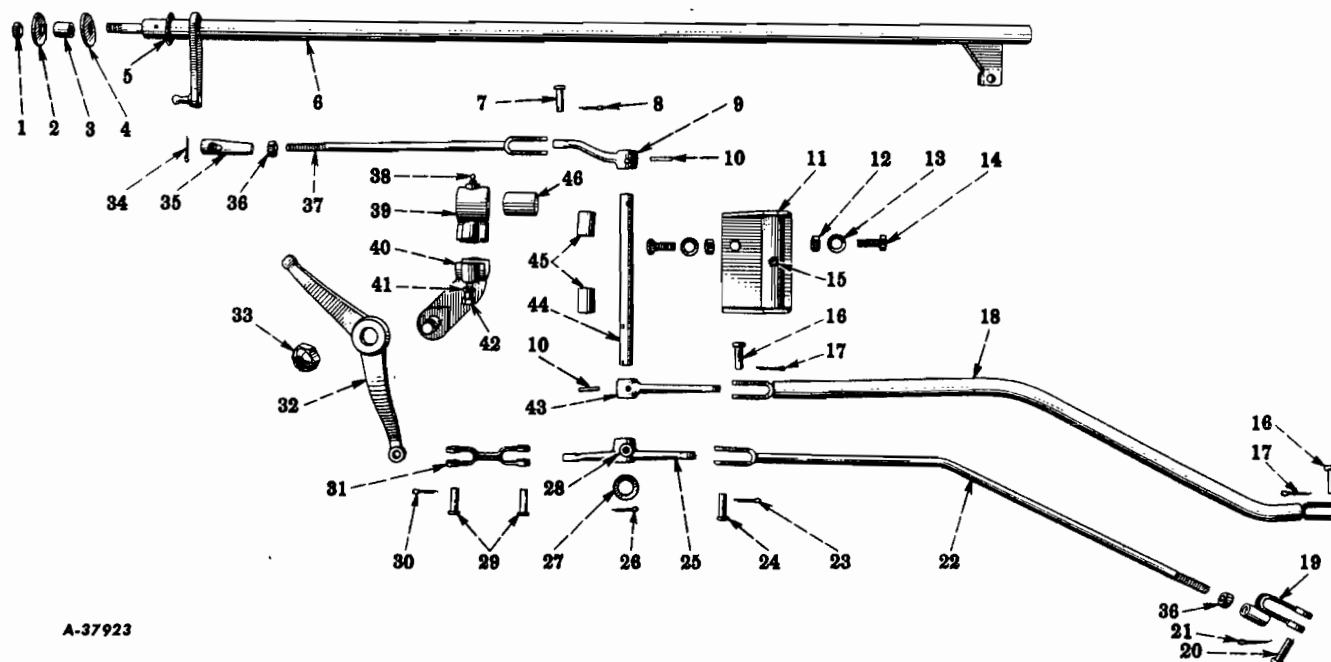
KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	NUT, HEX., LK., 7/16NF	1	82 447 R1
2	WASHER	2	82 442 R1
3	SPACER	1	82 445 R1
4	BUSHING	1	82 444 R1
5	BRACKET, w/BUSHING AND FITTING, ASM.	1	82 450 R11
6	LUBRICATOR, 1/4", STGHT.	1	81 300 H
7	BUMPER	1	78 919 R1
8	TUBE, w/LEVER AND PLUG, ASM.	1	78 954 R91
9	BALL	1	51 073 R1
10	NUT, HEX., 3/8NF	1	103 026
11	ROD, ASM.	1	78 926 R11
12	ROD, ASM.	1	78 929 R11
13	NUT, HEX., 3/8NF	1	103 026
14	YOKE, ADJUSTABLE	1	82 735 R1
15	PIN, ROD END, 3/8"	1	16 617 R1
16	PIN, COTTER, 3/32 x 1"	1	103 374
17	PIN, COTTER, 3/32 x 3/4"	3	103 373
18	PIN, ROD END, 5/16"	1	16 616 R1
19	ROD, ASM.	1	78 927 R11
20	PIN	2	51 076 R1
21	BELLCRANK	1	51 074 R2
22	LUBRICATOR, 1/4", STGHT.	1	109 454
23	BRACKET, ASM.	1	78 916 R11

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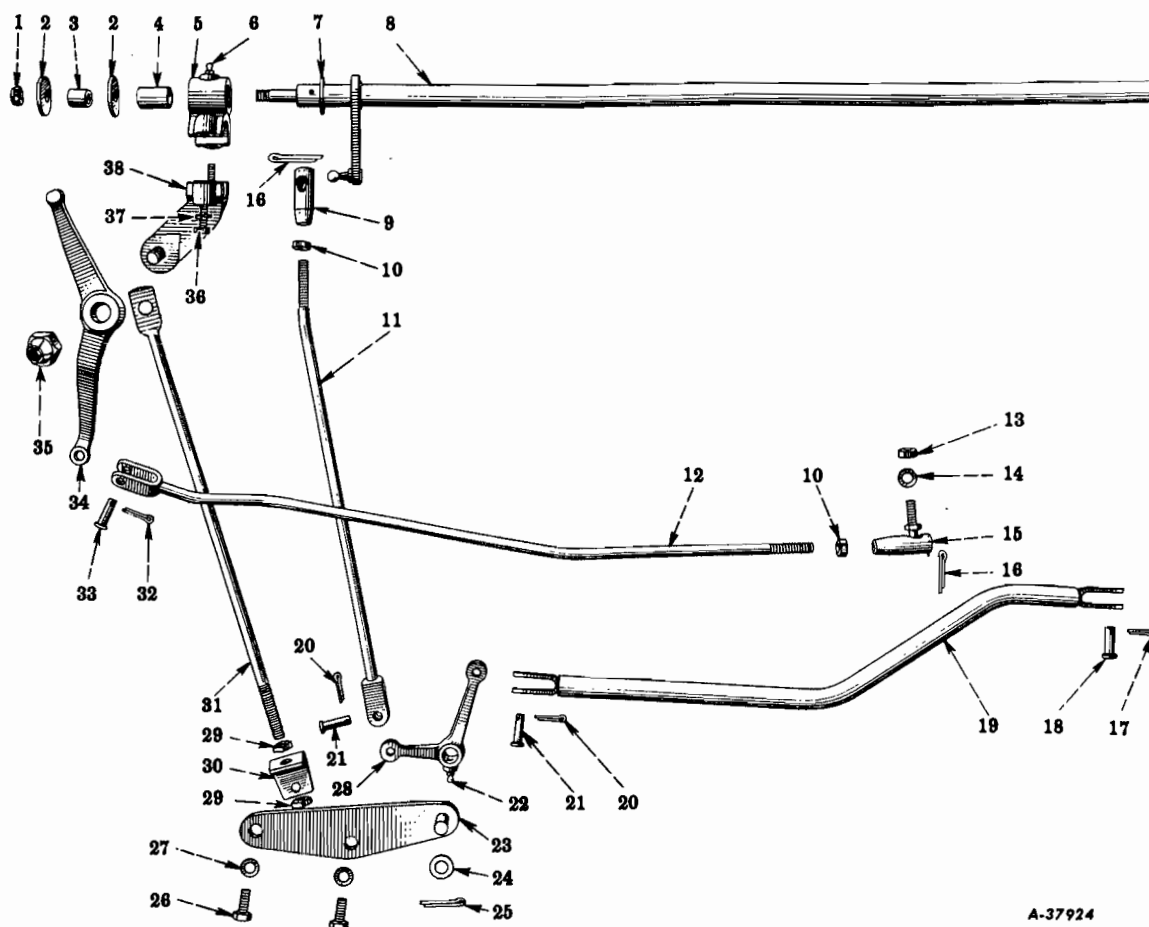
FIG. 13-7 - TRANSMISSION REMOTE CONTROL RODS (Right Hand Drive)
 (Model HBS Transmission, Code 1301)
 (R-110 Series - Below 47105)
 (R-120 Series - Below 9597)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	NUT, HEX., LK., 7/16NF	1	82 447 R1
2	WASHER	1	82 442 R1
3	SPACER	1	82 445 R1
4	WASHER	1	82 442 R1
5	BUMPER	1	78 919 R1
6	TUBE, w/LEVER AND PLUG, ASM.	1	78 954 R91
7	PIN, ROD END, 5/16"	1	16 616 R1
8	PIN, COTTER, 3/32 x 3/4"	1	103 373
9	LEVER	1	78 976 R1
10	PIN	2	17 047 R1
11	BRACKET	1	78 969 R11
12	NUT, HEX., 3/8NF	2	103 026
13	WASHER, LK., 3/8", MED.	2	103 321
14	BOLT, HEX-HD., 3/8NF x 7/8"	2	182 717
15	LUBRICATOR, STGHT., 1/4"	1	109 454
16	PIN, ROD END, 5/16"	2	16 616 R1
17	PIN, COTTER, 3/32 x 3/4"	2	103 373
18	ROD, ASM.	1	78 968 R11
19	YOKE, ADJ., OFFSET GEAR SEL. ROD	1	82 735 R1
20	PIN, ROD END, 3/8"	1	16 617 R1
21	PIN, COTTER, 3/32 x 1"	1	103 374
22	ROD, ASM.	1	78 970 R11
23	PIN, COTTER, 3/32 x 3/4"	1	103 373
24	PIN, ROD END, 5/16"	1	16 616 R1
25	BELLCRANK	1	78 977 R1
26	PIN, COTTER, 3/32 x 1"	1	103 374
27	WASHER	1	Q 1 520

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GROUP 13 — TRANSMISSIONS



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FIG. 13-8 — TRANSMISSION REMOTE CONTROL RODS (Left Hand Drive)
 (Model T-87 D Transmission, Code 1302)
 (R-110, R-120, R-130 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	NUT, HEX., LK., 7/16NF	1	82 447 R1
2	WASHER	2	82 442 R1
3	SPACER	1	82 445 R1
4	BUSHING	1	82 444 R1
5	BRACKET, w/BUSHING AND FITTING, ASM.	1	82 450 R11
6	LUBRICATOR, 1/4", STGHT.	1	81 300 H
7	BUMPER	1	78 919 R1
8	TUBE, w/LEVER AND PLUG, ASM.	1	78 954 R91
9	BALL	1	190 136
10	NUT, HEX., 3/8NF	2	103 026
11	ROD, ASM.	1	78 926 R11
12	ROD, ASM.	1	82 931 R11
13	NUT, HEX., 3/8NF	1	103 026

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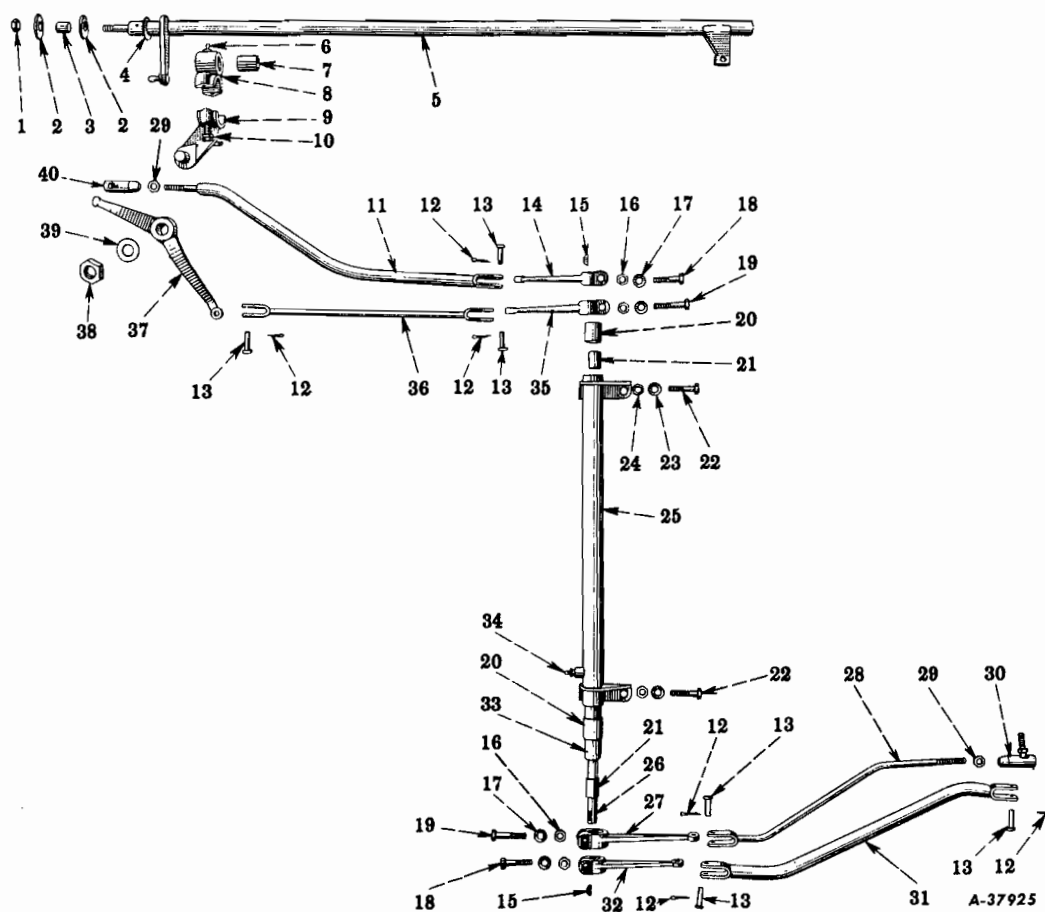


FIG. 13-9 - TRANSMISSION REMOTE CONTROL RODS (Right Hand Drive)
(Model T-87D, Code 1302)
(R-110, R-120, R-130 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	NUT, HEX., LK., 7/16NF	1	82 447 R1
2	WASHER	2	82 442 R1
3	SPACER	1	82 445 R1
4	BUMPER	1	78 919 R1
5	TUBE, w/LEVER AND PLUG, ASM.	1	78 954 R91
6	LUBRICATOR, 1/4", STGHT.	1	81 300 H
7	BUSHING	1	82 444 R1
8	BRACKET, w/BUSHING AND FITTING, ASM.	1	82 450 R11
9	CLAMP, w/PIN, ASM.	1	82 451 R11
10	BOLT, HEX-HD., 5/16NC x 1-1/2"	2	181 092
	WASHER, LK., 5/16", MED.	2	103 320
11	ROD, ASM.	1	75 461 R11
12	PIN, COTTER, 3/32 x 1"	6	103 374
13	PIN, ROD END, 3/8"	6	16 616 R1
14	LEVER	1	75 458 R1
15	KEY, WOODRUFF, 1/8 x 5/8"	2	124 545
16	NUT, HEX., 3/8NF	4	103 026
17	WASHER, LK., 3/8", MED.	4	103 321

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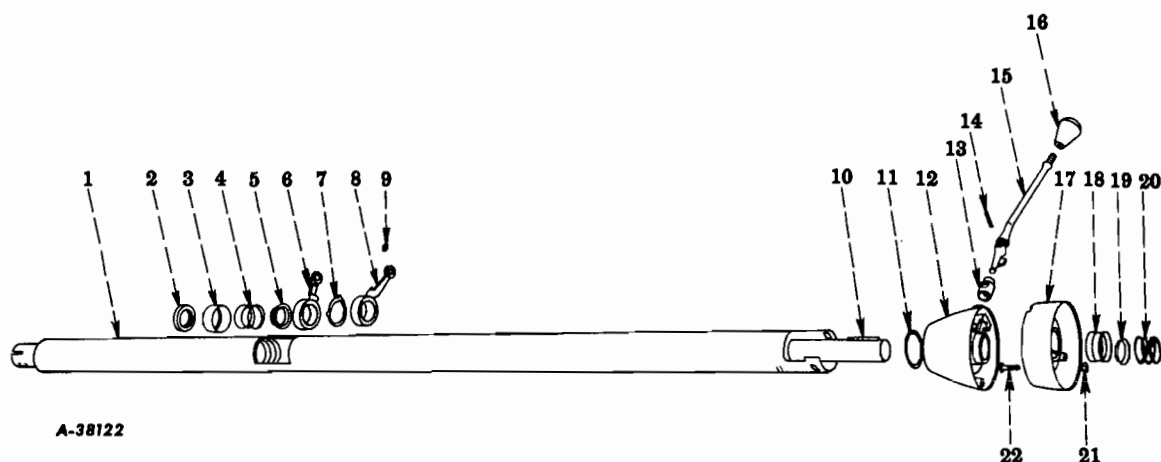


FIG. 13-10 — TRANSMISSION REMOTE CONTROL (Model HNS Transmission, Codes 1348, 1383)
 (R-100 Series)
 (R-110 Series - 47105 Up)
 (R-120 Series - 9597 Up)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	TUBE (SEE GROUP 05)		
2	BUSHING, ASM.	1	130 116 R91
3	SPACER	1	130 112 R1
4	SPRING	1	130 115 R1
5	RETAINER	1	130 113 R1
6	LEVER	1	128 023 R1
7	SPACER	1	132 822 R1
8	LEVER	1	128 022 R1
9	LUBRICATOR	1	Q 5 141
10	TUBE, ASM.	1	130 106 R91
11	SPRING	1	130 114 R1
12	SOCKET	1	130 111 R1
13	GROMMET	1	128 016 R1
14	PIN	1	17 175 R1
15	LEVER	1	128 009 R2
16	HANDLE	1	128 008 R1
17	FLANGE, ASM.	1	130 107 R91
18	BEARING, ASM. (SEE GROUP 05)		
19	SEAT (SEE GROUP 05)		
20	SPRING (SEE GROUP 05)		
21	NUT, FLANGE ANCHOR BOLT	2	130 109 R1
22	BOLT, FLANGE ANCHOR	2	130 108 R1

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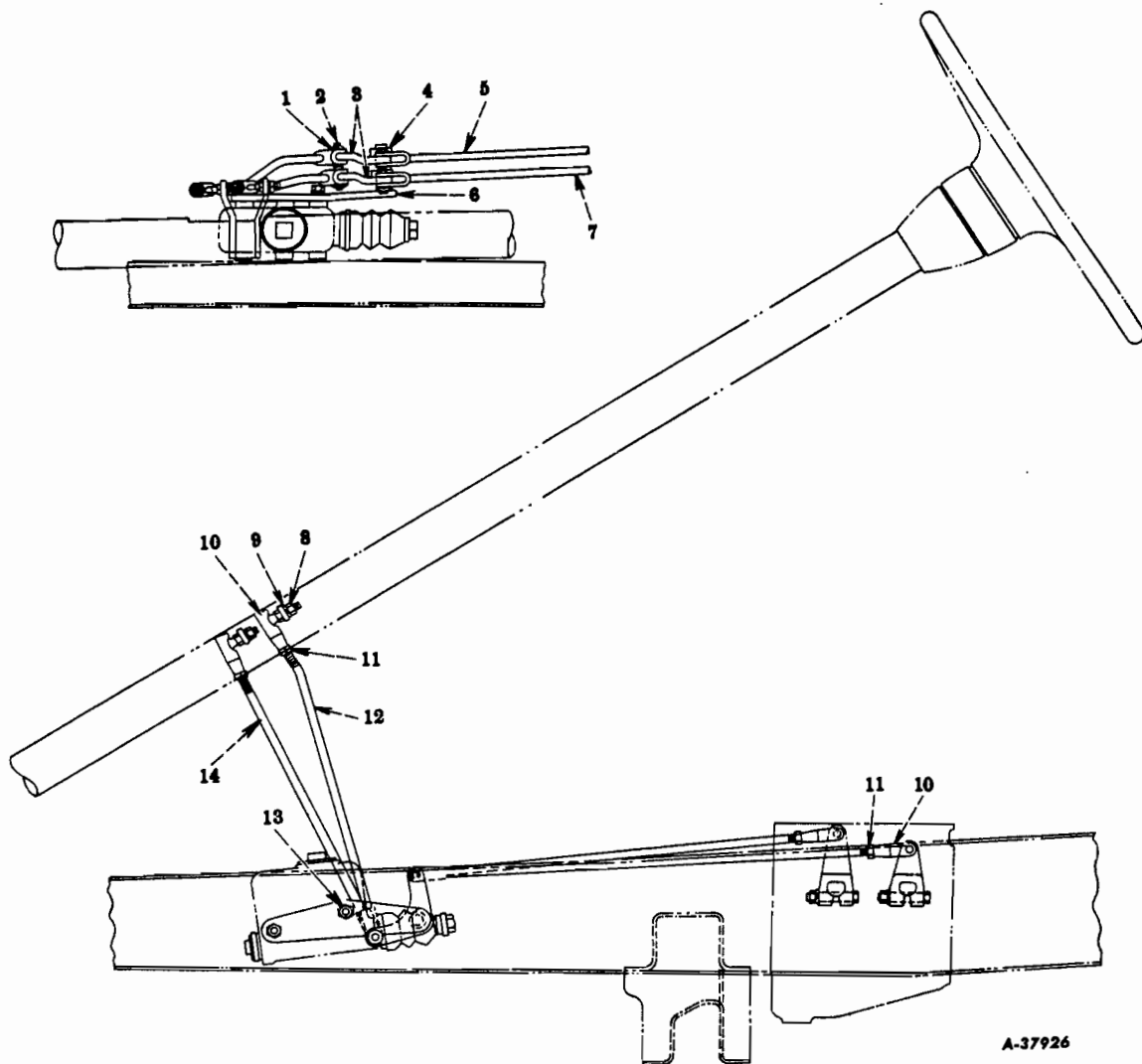


FIG. 13-11 — TRANSMISSION REMOTE CONTROL RODS (Left Hand Drive)
 (R-110 Series - 47105 Up) (R-120 Series - 9597 Up) (R-100 Series) (Model HNS Transmission,
 Without Overdrive, Code 1348)
 (R-100, R-110 Series With HNS Transmission And Overdrive, Code 1383)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	WASHER, RET.	4	127 269 R1
2	PIN	4	127 283 R1
3	BELLCRANK, ASM.	2	127 271 R11
4	PIN, COTTER, 3/32 x 1"	1	103 374
	WASHER, FL., 1/2"	1	12 164 R1
5	ROD, ASM.	1	132 827 R11
6	BRACKET, w/PIN, ASM.	1	127 267 R91
7	ROD, ASM.	1	147 019 R11
8	NUT, HEX., 3/8NF	4	103 026
9	WASHER, L.K., 3/8", MED.	4	103 321

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
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FIG. 13-11 — TRANSMISSION REMOTE CONTROL RODS (Left Hand Drive) - Continued

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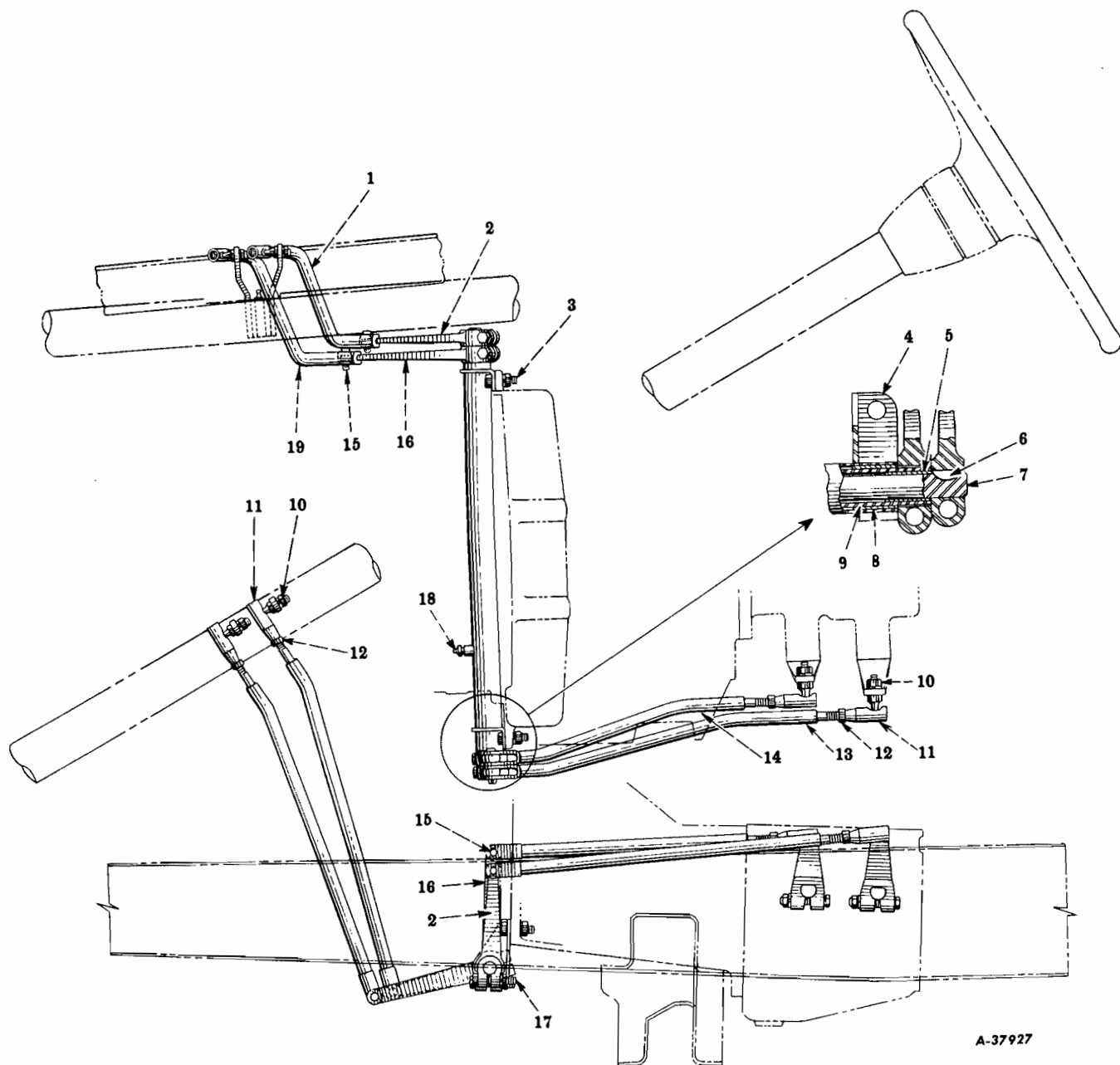


FIG. 13-12 - TRANSMISSION REMOTE CONTROL RODS (Right Hand Drive)
 (R-110 Series - 47105 Up) (R-120 Series - 9597 Up) (R-100 Series) (Model HNS Transmission,
 Without Overdrive, Code 1348)
 (R-100 Series) (R-110 Series - 47105 Up)
 (With Model HNS Transmission, And With Overdrive, Code 1383)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	ROD, ASM.	1	129 794 R11
2	LEVER	2	75 456 R1
3	BOLT, HEX-HD., 3/8NF x 1-1/8"	2	182 719
	NUT, HEX., 3/8NF	2	103 026
	WASHER, LK., 3/8", MED.	2	103 321

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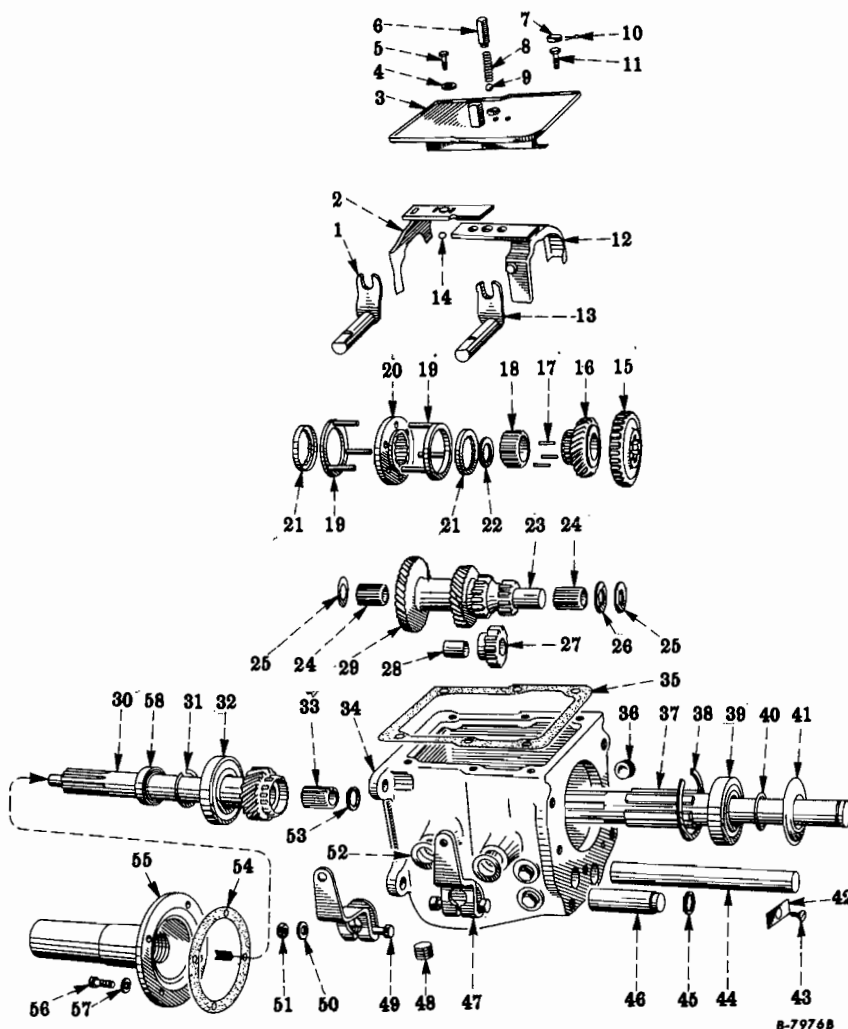


FIG. 13-13 — TRANSMISSION ASSEMBLY (3 Speed, Model HNS, With Overdrive, Code 1383)
(R-100, R-110 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	TRANSMISSION, ASM.	1	127 960 R91
1	SHAFT, w/LEVER, ASM.	1	127 551 R11
2	FORK, ASM.	1	139 660 R91
3	COVER, w/GUIDES, ASM.	1	128 092 R91
4	WASHER, L.K., 3/8", MED.	8	103 321
5	BOLT, HEX-HD., 3/8NC x 3/4"	7	180 120
6	RETAINER	2	125 688 R1
7	COVER	1	28 907 H
8	SPRING	2	134 008 R1
9	BALL, 3/8", SHIFT FORK POPPET	2	16 012 R1
10	PIN, COTTER, 3/32 x 1"	1	103 374
11	BOLT	1	125 681 R1
12	FORK, ASM.	1	128 091 R91
13	SHAFT, w/LEVER, ASM.	1	139 391 R91
14	PLUNGER	1	125 685 R1
15	GEAR	1	127 832 R1
16	GEAR	1	127 544 R1

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-13 – TRANSMISSION ASSEMBLY (3 Speed, Model HNS, With Overdrive, Code 1383) - Continued			
17	SPRING	3	127 749 RI
18	GEAR	1	127 750 RI
19	RING, w/PINS, ASM.	2	127 751 RI
20	COLLAR	1	127 754 RI
21	RING	2	127 752 RI
22	RING		
	.093" THICK	AR	127 445 RI
	.0955" THICK	AR	127 447 RI
	.098" THICK	AR	127 446 RI
23	SPACER	1	127 587 RI
24	BEARING, ASM.	2	29 582 H
25	WASHER	2	51 609 H
26	WASHER	1	51 617 H
27	GEAR, w/BUSHING, ASM.	1	125 712 RI
28	BUSHING	1	1 944 Y
29	GEAR	1	125 709 RI
30	GEAR	1	127 530 RI
31	RING	1	1 956 Y
32	BEARING, ASM.	1	ST 234
33	BEARING, ASM.	1	42 016 HA
34	CASE	1	127 569 RI
	BOLT, HEX-HD., 1/2NF x 1-7/8"	4	182 781
	NUT, HEX., 1/2NF	4	103 026
	WASHER, LK., 1/2", MED.	4	103 323
35	GASKET	1	127 584 RI
36	PLUG, PIPE, SQ-HD., 1/2"	1	16 844 RI
37	SHAFT	1	128 039 RI
38	RING		
	.087" THICK	AR	81 487 RI
	.090" THICK	AR	81 488 RI
	.093" THICK	AR	81 489 RI
	.096" THICK	AR	81 490 RI
39	BEARING, ASM.	1	ST 205 A
40	RING		
	.086" THICK	AR	128 197 RI
	.089" THICK	AR	128 198 RI
	.092" THICK	AR	128 915 RI
	.095" THICK	AR	128 199 RI
41	SLINGER	1	81 491 RI
42	PLATE	1	80 561 RI
43	SCREW, FL-HD., 1/4NC x 1/2"	1	133 767
44	SHAFT	1	125 710 RI
45	RING	1	1 973 Y
46	SHAFT	1	1 945 Y
47	LEVER	2	139 661 RI
48	PLUG, PIPE, CTSK-HD., 1/2"	1	452 582
49	BOLT, HEX-HD., 3/8NF x 2"	2	182 730

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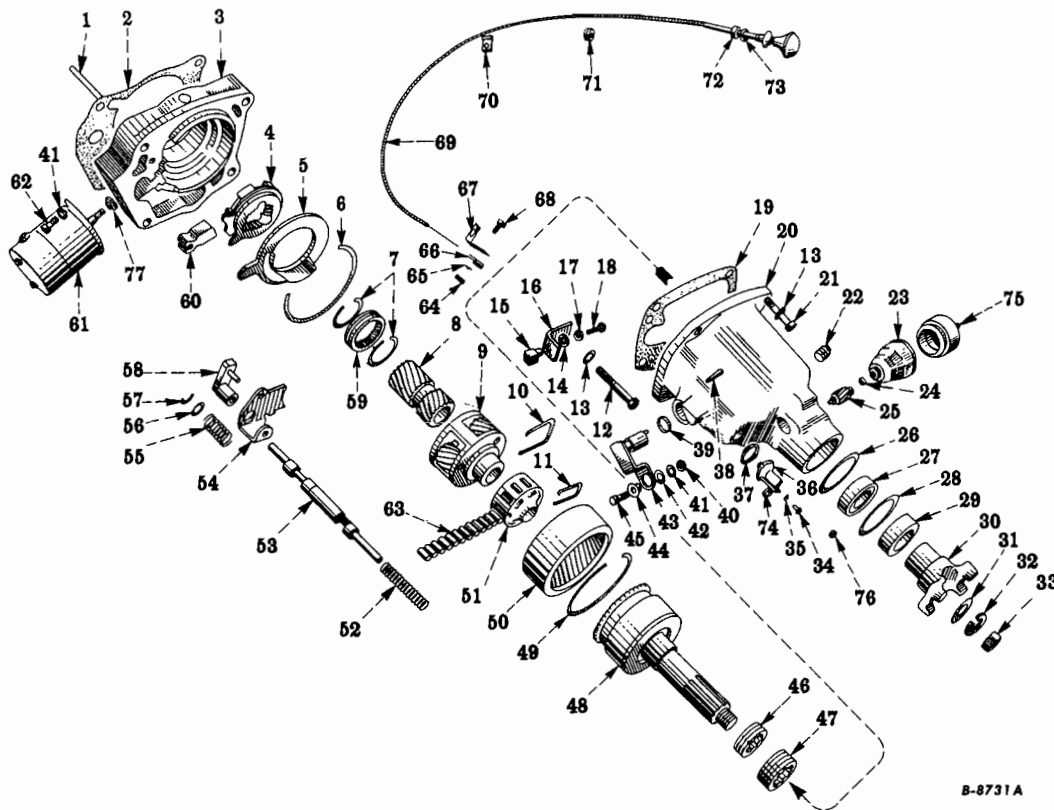


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GROUP 13 – TRANSMISSIONS



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FIG. 13-14 — OVERDRIVE UNIT (3 Speed, Model HNS, With Overdrive, Code 1383)
(R-100, R-110 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	OVERDRIVE UNIT, ASM.	1	128 996 R91
1	PIN	1	81 525 R1
2	GASKET	1	128 204 R1
3	ADAPTER	1	128 207 R1
4	PLATE, w/RING, ASM.	1	81 492 R11
5	RETAINER, w/TROUGH, ASM.	1	81 494 R11
6	RING		
	.0625" THICK	AR	81 496 R1
	.0705" THICK	AR	81 497 R1
	.0665" THICK	AR	81 498 R1
7	RING	2	81 502 R1
8	GEAR	1	81 500 R1
9	CAGE, ASM.	1	81 503 R11
10	CLIP	1	81 512 R1
11	CLIP	1	81 515 R1
12	BOLT	1	82 228 R1
13	WASHER, LK., 7/16", MED.	4	103 320
14	WASHER, FL., 1/4"	1	16 559 R1

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-14 — OVERDRIVE UNIT (3 Speed, Model HNS, With Overdrive, Code 1383) - Continued			
15	SWIVEL	1	80 797 R1
16	BRACKET	1	80 796 R1
17	NUT, 1/4NF	1	103 024
18	BOLT, HEX-HD., 1/4NF x 1"	1	181 568
19	GASKET	1	128 203 R1
20	CASE	1	148 796 R11
21	BOLT	3	81 570 R1
22	PLUG, PIPE, SQ-HD., 3/8"	2	143 934
23	GOVERNOR, ASM.	1	128 206 R91
24	RING	1	81 537 R1
25	GEAR	1	81 534 R1
26	RING	1	81 477 R1
27	BEARING	1	ST 211
28	RING		
	.062" THICK	AR	81 477 R1
	.065" THICK	AR	81 478 R1
	.068" THICK	AR	81 479 R1
	.071" THICK	AR	81 480 R1
29	SEAL, ASM.	1	81 475 R91
30	FLANGE (SEE GROUP 06)		
31	WASHER (SEE GROUP 06)		
32	WASHER (SEE GROUP 06)		
33	NUT (SEE GROUP 06)		
34	SCREW, HEX-HD., No. 10NC x 7/16" (R-100 BELOW 27270; R-110 BELOW 65716)	2	81 542 R1
35	WASHER, LK., No. 10, LIGHT (R-100 BELOW 27270; R-110 BELOW 65716)	2	131 198
36	SWITCH, ASM. (R-100 BELOW 27270; R-110 BELOW 65716)	1	81 541 R91
37	GASKET (R-100 BELOW 27270; R-110 BELOW 65716)	1	81 543 R1
38	PIN	1	103 565
39	SEAL, ASM.	1	81 529 R91
40	NUT, HEX., 5/16NF	1	103 025
41	WASHER, LK., 5/16", EXT.	1	114 605
42	WASHER, FL., 5/16"	1	118 774
43	SHAFT, w/LEVER, ASM.	1	130 904 R11
44	BUSHING	1	81 530 R1
45	BOLT, SHIFT CABLE ANCHOR	1	81 531 R1
46	GEAR	1	81 535 R1
47	GEAR	1	80 566 R1
48	SHAFT, w/COLLECTOR, ASM.	1	128 205 R11
49	RING	1	81 519 R1
50	GEAR	1	128 202 R1
51	CAM, w/ROLLERS AND CLIPS, ASM.	1	81 510 R11
52	SPRING	1	81 526 R1
53	RAIL		
	R-100 BELOW 27270; R-110 BELOW 65716	1	130 906 R1
	R-100 27220 UP; R-110 65716 UP	1	148 699 R1
54	FORK	1	81 520 R1
55	SPRING	1	81 524 R1
56	CUP	1	81 523 R1
57	WASHER	1	81 522 R1
58	CAM, ASM.	1	138 277 R91
59	COLLA.	1	81 501 R1

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-14 — OVERDRIVE UNIT (3 Speed, Model HNS, With Overdrive, Code 1383) - Continued			
60	PAWL	1	81 499 R1
61	SOLENOID, ASM.	1	81 538 R91
62	BOLT, HEX-HD., 5/16NC x 5/8"	2	181 084
63	ROLLER	12	81 513 R1
64	NUT, HEX., 1/4NF	1	103 024
65	WASHER, LK., 1/4", MED.	1	103 319
66	CLIP	1	120 521
67	EXTENSION	1	137 230 H
68	BOLT, HEX-HD., 1/4NF x 1/2"	1	181 561
69	CONTROL, ASM.	1	128 278 R91
70	CLIP	1	120 521
71	GROMMET	1	117 959
72	NUT, HEX., 1/2NF	1	103 028
73	WASHER, LK., 1/2", INT.	1	138 549
74	SCREW, RD-HD., SLT., NO. 8NF x 1/4"	1	122 159
	WASHER, LK., NO. 8, INT.	1	115 544
75	BOOT, TRANS. GOV.	1	150 619 R1
76	PLUG, CUP, SHIFT RAIL		
	R-100 SERIES - 27270 AND UP	1	59 761 R1
	R-110 SERIES - 65716 AND UP	1	59 761 R1
77	SEAL, OIL, OVERDRIVE SOLENOID	1	81 540 R91

RIGHT HAND DRIVE

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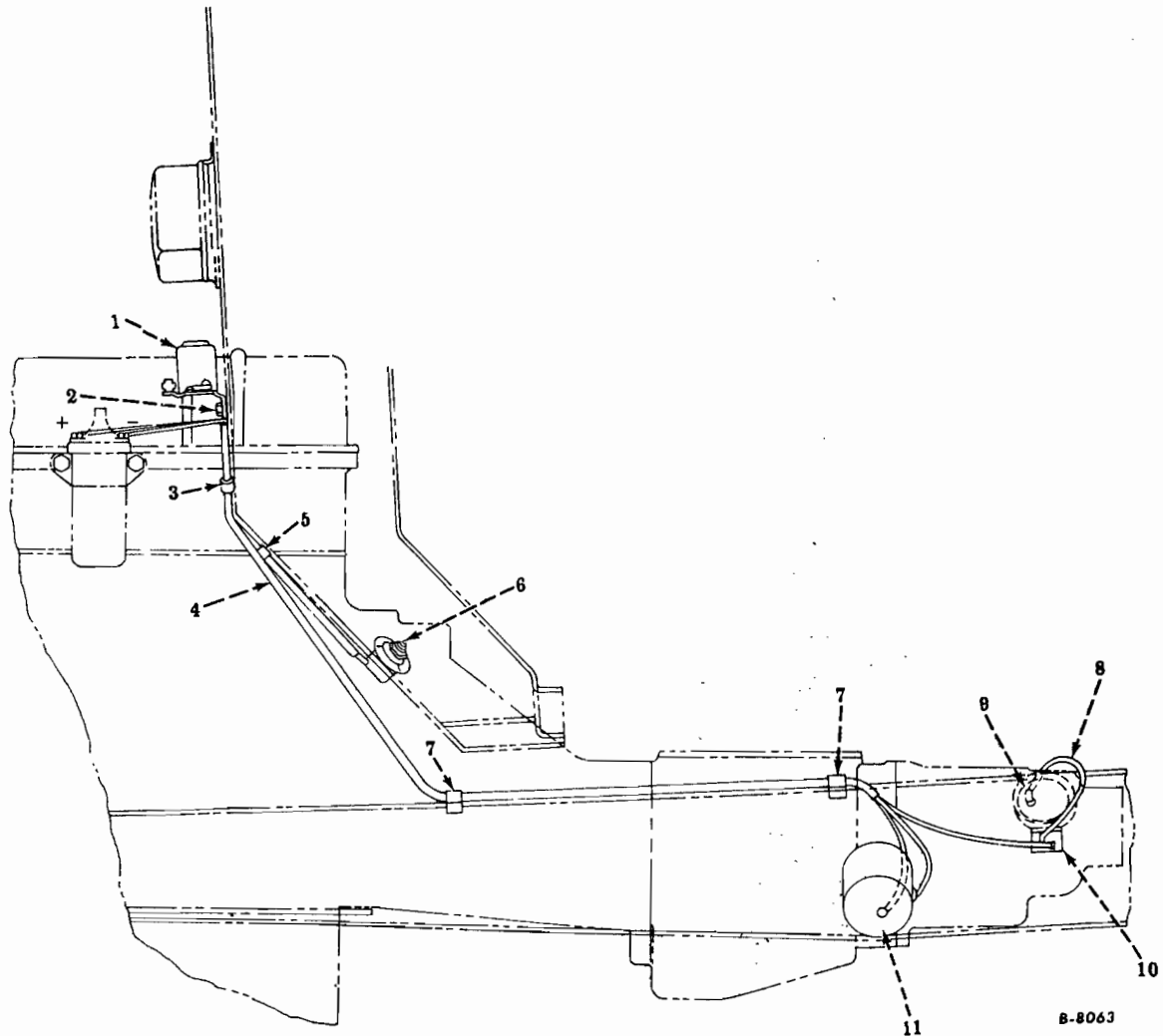


FIG. 13-15 - OVERDRIVE WIRING (For 3 Speed, Model HNS With Overdrive, Code 1383)
(R-100, R-110 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	RELAY, ASM.	1	130 371 R91
2	SCREW, HEX-HD., TAP., 1/4NF x 1/2"	2	172 439
3	CLIP	1	127 754
4	HARNESS, ASM.	1	147 323 R91
5	CLIP	1	120 521
	BOLT, HEX-HD., 1/4NF x 3/4"	1	182 654
	WASHER, LK., 1/4", MED.	1	103 319
6	SWITCH, ASM.	1	130 347 R91
	BRACKET, SWITCH	1	146 858 R1
7	CLIP	2	63 402 H
8	CABLE, ASM. (R-100 SERIES- BELOW 27270, R-110 SERIES - BELOW 65619)	1	130 370 R91
9	GOVERNOR (SEE FIG. 13-14)		
10	SWITCH (SEE FIG. 13-14)		
11	SOLENOID, ASM.	1	81 538 R91

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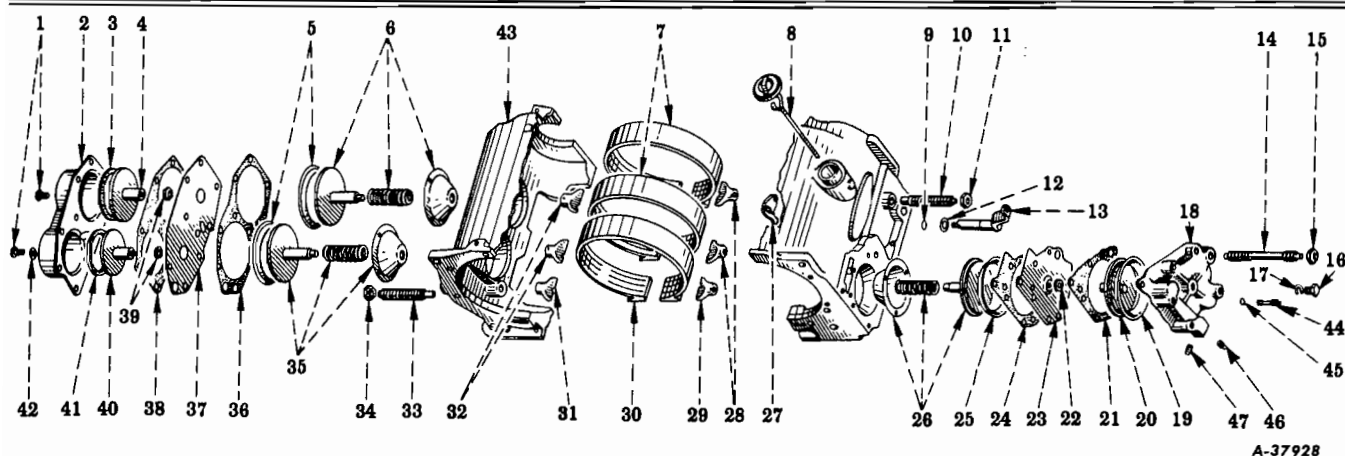


FIG. 13-16 — TRANSMISSION CASE, SERVOS, BRAKE BANDS AND SELECTOR LEVER
(Automatic Transmission, Code 1374)
(R-100, R-110, R-120, R-130 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	TRANSMISSION, ASM.	1	130 451 R93
1	SCREW, HEX-HD., 3/8NC x 1/2"	2	179 883
2	CYLINDER	1	135 398 R1
	BOLT, HEX-HD., 5/16NC x 1"	4	179 818
	5/16NC x 2"	5	179 826
	WASHER, LK., 5/16", MED.	9	103 320
3	SEAL	1	135 388 R1
4	PISTON, ASM.	1	135 387 R91
5	SEAL	2	135 388 R1
6	PISTON, ASM.	1	135 386 R91
7	BAND, w/LINING, ASM.	2	135 422 R91
	PIN, GROOVE, 1/8 x 3/8", BAND ADJ.	4	443 011
8	GAUGE, ASM.	1	135 424 R91
9	SEAL, ASM.	1	135 382 R91
10	SCREW	1	135 395 R1
11	NUT, HEX., JAM, 1/2NF	1	122 295
12	WASHER	1	135 384 R1
13	SHAFT, w/LEVER, ASM.	1	135 383 R91
14	SCREW	1	135 396 R1
15	NUT, HEX., JAM, 1/2NF	1	122 295
16	SCREW, HEX-HD., 3/8NC x 1/2"	1	179 833
17	WASHER	1	139 721
18	CYLINDER, ASM.	1	135 392 R91
	BOLT, HEX-HD., 5/16NC x 1"	1	179 818
	5/16NC x 2"	2	179 826
	5/16NC x 2-3/4"	3	179 829
	WASHER, LK., 5/16", MED.	6	103 320

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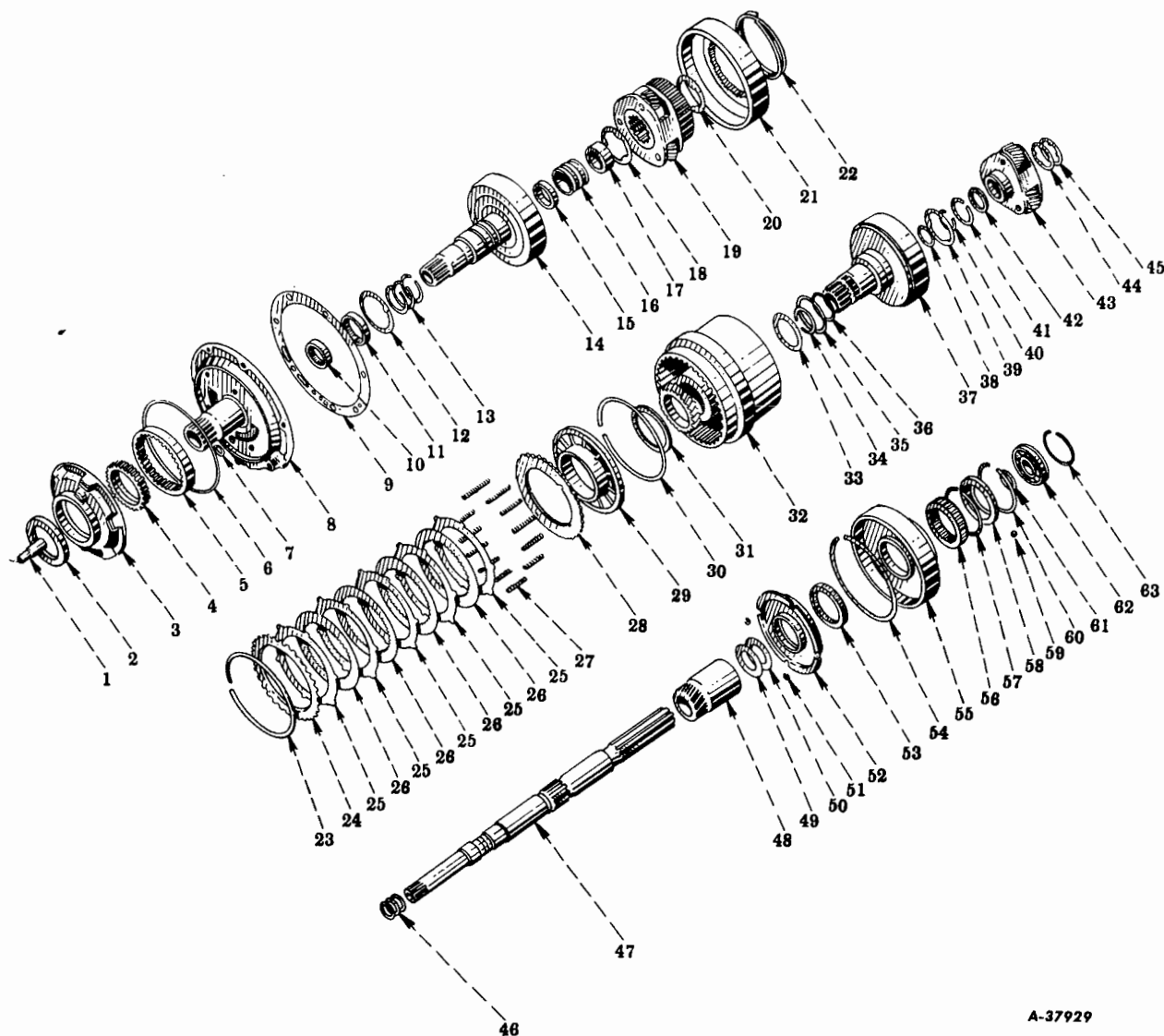


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KEY	DESCRIPTION	NO. REQ'D	1 H PART NUMBER
FIG. 13-16 — TRANSMISSION CASE, SERVOS, BRAKE BANDS AND SELECTOR LEVER - Continued			
19	SEAL	1	135 388 R1
20	PISTON	1	135 387 R91
21	GASKET	1	135 394 R1
22	SEAL (RUBBER, 1/2" I.D.)	1	111 923 R1
23	PLATE, ASM.	1	135 391 R91
24	GASKET	1	135 393 R1
25	SEAL	1	135 388 R1
26	PISTON, ASM.	1	135 386 R91
27	LEVER		
	BELOW TRANS. SERIAL No. 4750	1	135 385 R1
	TRANS. SERIAL No. 4750 UP	1	146 402 R1
	NUT, HEX., 5/16NF	1	103 025
	WASHER		
	FL., 5/16"	1	103 340
	LK., 5/16", MED.	1	103 320
28	STRUT		
29	NOT SERVICED SEPARATELY		
30	BAND, w/LINING, ASM.	1	135 423 R91
	PIN, GROOVE, 1/8 x 3/8"	2	443 011
31	STRUT	1	135 397 R1
32	NOT SERVICED SEPARATELY		
33	SCREW	1	135 395 R1
34	NUT, HEX., JAM, 1/2NF	1	122 295
35	PISTON, ASM.	1	135 386 R91
36	GASKET	1	135 401 R1
37	PLATE, ASM.	1	135 399 R91
38	GASKET	1	135 400 R1
39	SEAL (RUBBER, 1/2" I.D.)	2	111 923 R1
40	PISTON	1	135 390 R91
41	SEAL	1	135 389 R1
42	WASHER	2	139 721 R1
43	CASE, ASM.	1	135 381 R91
	BOLT, HEX-HD., 7/16NC x 1-1/2" (UPR. MTG.)	2	180 149
	NUT, HEX., 7/16NC (LWR. MTG.)	2	272 123
	STUD, TRANS. (LWR. MTG.)	2	130 644 R1
	WASHER, LK.		
	7/16", EXT. (LWR. MTG.)	2	136 587
	7/16", MED. (UPR. MTG.)	1	103 322
44	PLUG	1	139 720 R1
45	RING	1	135 463 R1
46	PLUG, PIPE, SQ-HD., 1/4"	1	444 732
47	PLUG, PIPE, SQ-HD., 1/4"	1	444 571

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FIG. 13-17 — FRONT PUMP AND COLLECTOR RING, MAINSHAFT, AND MULTIPLE DISC CLUTCH
(Automatic Transmission, Code 1374)
(R-100, R-110, R-120, R-130 Series)

KEY	DESCRIPTION	I H PART NUMBER
1	TUBE	134 546 R1
2	SEAL, ASM.	111 708 R91
3	NOT SERVICED SEPARATELY	
	BOLT, HEX-HD.	
	1/4NC x 1-3/4"	181 071
	5/16NC x 7/8"	181 087
	5/16NC x 1-1/2"	181 092
	WASHER, LK.	
	1/4", MED.	103 319
	5/16", MED.	103 320

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KEY	DESCRIPTION	I H PART NUMBER
FIG. 13-17 – FRONT PUMP AND COLLECTOR RING, MAINSHAFT, AND MULTIPLE DISC CLUTCH - Continued		
4	NOT SERVICED SEPARATELY	
5	NOT SERVICED SEPARATELY	
6	SEAL (RUBBER, 5-1/2" I.D.)	135 379 RI
7	SEAL (RUBBER, 1/2" I.D.)	111 923 RI
8	PUMP, w/COLLECTOR RING, ASM.	135 377 R9I
	BOLT, HEX-HEAD.	
	5/16NC x 3/4"	181 086
	5/16NC x 1-1/4"	181 090
	WASHER, LK., 5/16", MED.	103 320
9	GASKET	135 380 RI
10	NOT SERVICED SEPARATELY	
11	NOT SERVICED SEPARATELY	
12	WASHER	
	.052" THICK	135 369 RI
	.061" THICK	135 370 RI
	.072" THICK	135 371 RI
	.082" THICK	135 372 RI
13	RING	135 431 RI
14	GEAR, ASM.	
	BELOW TRANS. SERIAL No. 4750	135 456 R9I
	TRANS. SERIAL No. 4750 UP	146 418 R9I
15	NOT SERVICED SEPARATELY	
16	NOT SERVICED SEPARATELY	
17	NOT SERVICED SEPARATELY	
18	WASHER	135 454 RI
19	CARRIER	
	BELOW TRANS. SERIAL No. 4750	135 455 R9I
	TRANS. SERIAL No. 4750 UP	146 417 R9I
20	WASHER	135 443 RI
21	DRUM	135 452 RI
22	RING	135 453 RI
23	RING	135 442 RI
24	RETAINER, ASM.	135 451 R9I
25	PLATE	135 448 RI
26	DISC	135 449 RI
27	SPRING	135 450 RI
28	PLATE, ASM.	135 447 R9I
29	PISTON	135 444 RI
30	RING	135 445 RI
31	SEAL	135 446 RI
32	GEAR, w/DRUM, ASM.	
	BELOW TRANS. SERIAL No. 4750	135 441 R9I
	TRANS. SERIAL No. 4750 UP	146 416 R9I
33	WASHER	135 440 RI
34	RING	135 439 RI

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KEY	DESCRIPTION	I H PART NUMBER
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FIG. 13-17 — FRONT PUMP AND COLLECTOR RING, MAINSHAFT, AND MULTIPLE DISC CLUTCH - Continued

[illegible]

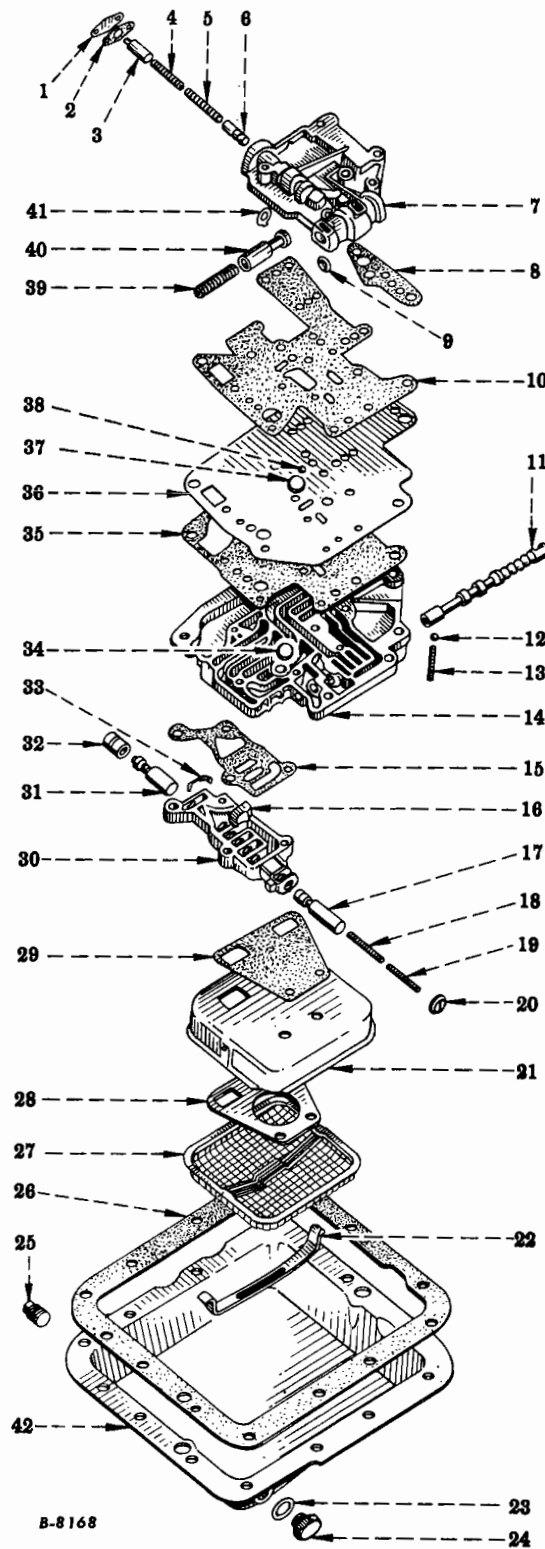


FIG. 13-18 — VALVE BLOCK ASSEMBLY (Automatic Transmission, Code 1374)
(R-100, R-110, R-120, R-130 Series)
(Below Transmission Serial No. 4750)

(See following page for parts)

[illegible]

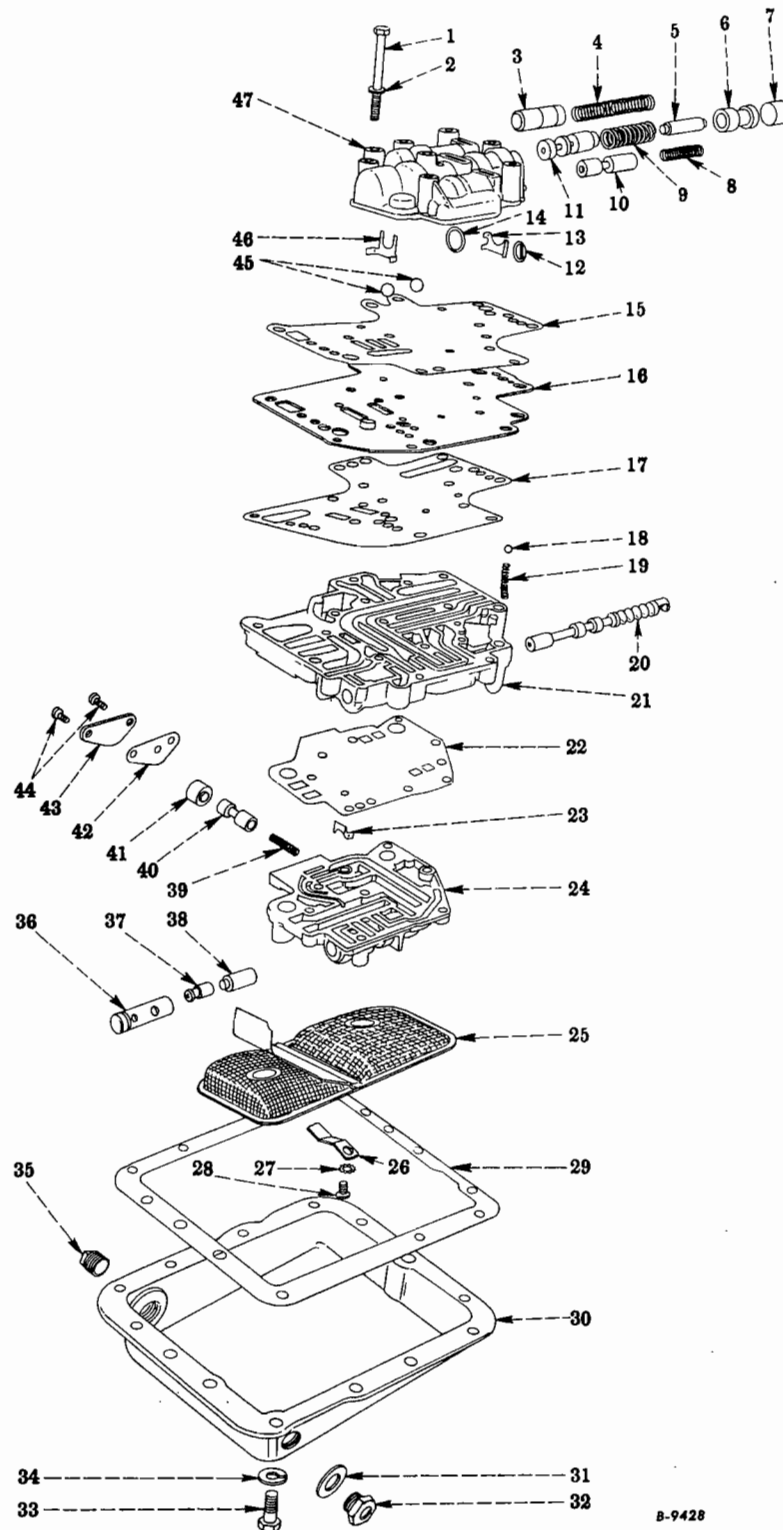
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GROUP 13 – TRANSMISSIONS

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-18 — VALVE BLOCK ASSEMBLY (Automatic Transmission, Code 1374) (Below Transmission Serial No. 4750)			
	BLOCK, VALVE, ASM. (ORDER BLOCK, w/SCREEN AND LEVER, ASM. 146 517 R91)	1	135 402 R91
1	NOT SERVICED SEPARATELY		
2	GASKET	1	135 408 R1
3	NOT SERVICED SEPARATELY		
4	NOT SERVICED SEPARATELY		
5	NOT SERVICED SEPARATELY		
6	NOT SERVICED SEPARATELY		
7	BODY, ASM. (ORDER BLOCK, w/SCREEN AND LEVER, ASM. 146 517 R91)	1	135 407 R91
	BOLT, HEX-HD., 1/4NC x 1-1/2"	1	179 801
	WASHER, LK., 1/4", MED.	1	103 319
8	GASKET	1	135 406 R1
9	RETAINER	1	135 409 R1
10	GASKET	1	135 411 R1
11	NOT SERVICED SEPARATELY		
12	BALL, 1/4"	1	16 008 R1
13	SPRING	1	139 723 R1
14	PLATE, ASM. (ORDER BLOCK, w/SCREEN AND LEVER, ASM. 146 517 R91)	1	135 403 R91
	BOLT, HEX-HD.		
	5/16NC x 1-1/8"	5	106 326
	5/16NC x 1-7/8"	2	179 825
	WASHER, LK., 5/16", MED.	7	103 320
15	GASKET	1	135 413 R1
16	FRAME, w/SCREEN, ASM.	1	142 383 R11
17	NOT SERVICED SEPARATELY		
18	NOT SERVICED SEPARATELY		
19	NOT SERVICED SEPARATELY		
20	RETAINER	1	135 409 R1
21	SHROUD	1	135 416 R1
	BOLT, HEX-HD., 1/4NC x 1-1/4"	3	179 799
	WASHER, LK., 1/4", MED.	3	103 319
22	RETAINER	1	135 415 R1
23	GASKET	1	135 420 R1
24	PLUG	1	445 085
25	PLUG	1	444 741
26	GASKET	1	135 421 R1
27	SCREEN, ASM.	1	135 414 R91
28	NOT SERVICED SEPARATELY		
29	GASKET	1	135 417 R1
30	BODY, ASM. (ORDER BLOCK, w/SCREEN AND LEVER, ASM. 146 517 R91)	1	135 412 R91
	BOLT, HEX-HD., 1/4NC x 2"	2	179 805
	WASHER, LK., 1/4", MED.	2	103 319
31	NOT SERVICED SEPARATELY		
32	NOT SERVICED SEPARATELY		
33	RETAINER	1	139 724 R1
34	BALL, CHECK, 3/8"	2	16 012 R1
35	GASKET	1	135 405 R1

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FIG. 13-18A — TRANSMISSION VALVE BLOCK ASSEMBLY (Automatic Transmission, Code 1374)
(Transmission Serial No. 4750 Up)
(R-100, R-110, R-120, R-130 Series)

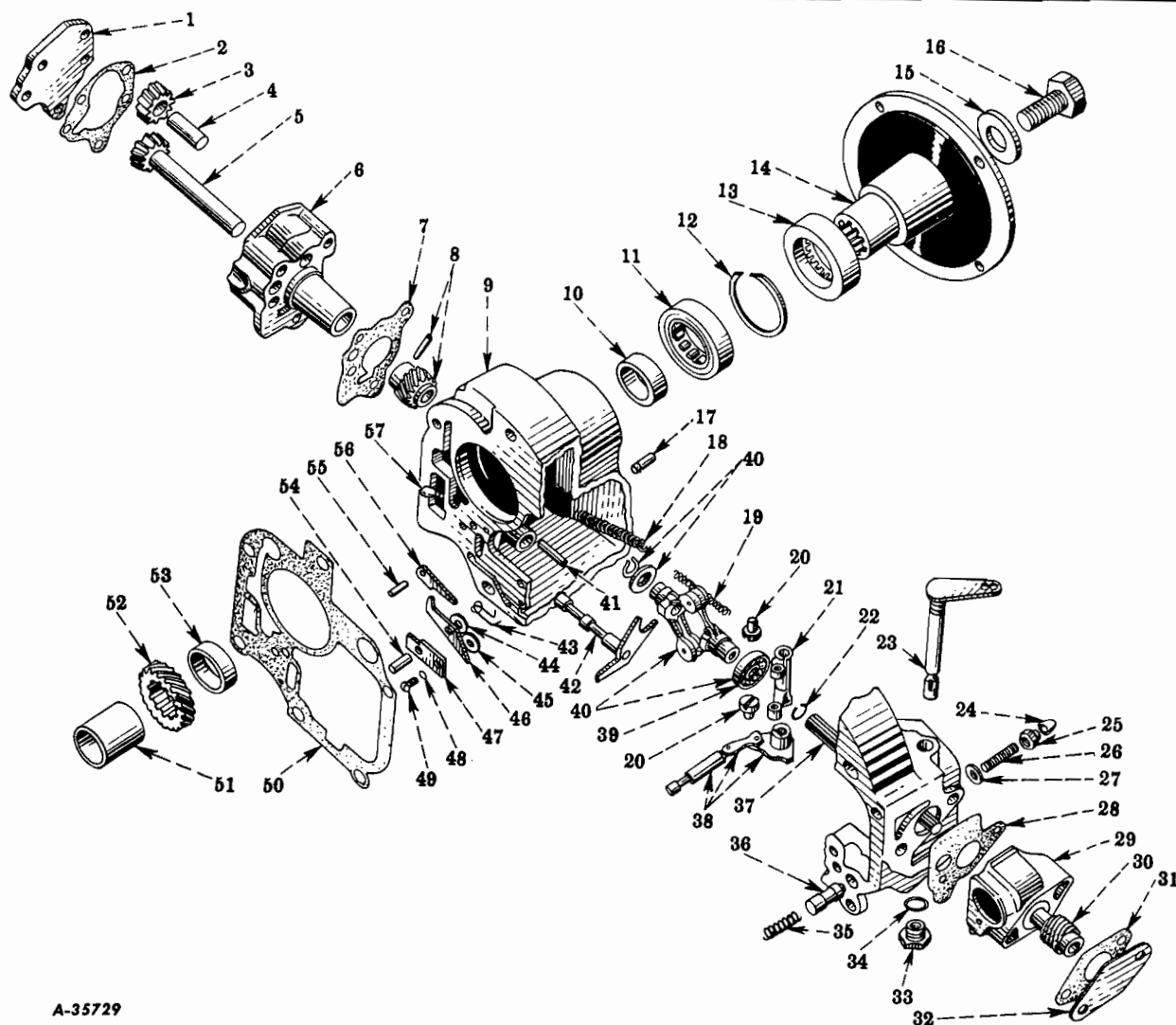


GROUP 13 – TRANSMISSIONS

KEY	DESCRIPTION	1 H PART NUMBER
FIG. 13-18A — TRANSMISSION VALVE BLOCK ASSEMBLY (Automatic Transmission, Code 1374)		
1	BOLT, HEX-HD., 1/4NC x 2-1/2"	181 075
2	WASHER, LK., 1/4", MED.	103 319
3	NOT SERVICED SEPARATELY	
4	NOT SERVICED SEPARATELY	
5	NOT SERVICED SEPARATELY	
6	NOT SERVICED SEPARATELY	
7	NOT SERVICED SEPARATELY	
8	NOT SERVICED SEPARATELY	
9	NOT SERVICED SEPARATELY	
10	NOT SERVICED SEPARATELY	
11	NOT SERVICED SEPARATELY	
12	RETAINER, REV. INTERLOCK VALVE SPRG.	135 409 R1
13	RETAINER, MAIN RELIEF VALVE	146 407 R1
14	RETAINER, ACCUMULATOR PISTON SPRG.	146 409 R1
15	GASKET, RELIEF VALVE BODY	146 410 R1
16	NOT SERVICED SEPARATELY	
17	GASKET, MANIFOLD PLATE	146 405 R1
18	BALL, 1/4" SELECTOR VALVE	16 008 R1
19	SPRING, SELECTOR VALVE BALL	139 723 R1
20	NOT SERVICED SEPARATELY	
21	NOT SERVICED SEPARATELY	
22	GASKET, CONVERTER/RELAY BODY	147 708 R1
23	NOT SERVICED SEPARATELY	
24	NOT SERVICED SEPARATELY	
25	FILTER, OIL, ASM.	146 414 R91
26	RETAINER, OIL FILTER	146 415 R1
27	WASHER, LK., 1/4", EXT.	114 604
28	SCREW, RD-HD., SLTO., 1/4 x 3/8"	113 954
29	GASKET, OIL PAN	135 421 R1
30	PAN, OIL w/PLUGS	135 418 R91
31	GASKET, DRAIN PLUG	135 420 R1
32	PLUG, DRAIN	445 085
33	BOLT, HEX-HD., 5/16NC x 1/2"	181 082
34	WASHER, LK., 5/16", MED.	103 320
35	PLUG, PIPE, SQ-HD., 3/8"	444 741
36	NOT SERVICED SEPARATELY	
37	NOT SERVICED SEPARATELY	
38	NOT SERVICED SEPARATELY	
39	NOT SERVICED SEPARATELY	
40	NOT SERVICED SEPARATELY	
41	NOT SERVICED SEPARATELY	
42	GASKET, RELAY VALVE COVER	146 412 R1
43	NOT SERVICED SEPARATELY	
44	SCREW, w/WASHER, ASM.	216 357
45	BALL, 3/8", RELIEF VALVE	16 012 R1
46	STOP, MAIN RELIEF VALVE	146 408 R1
47	NOT SERVICED SEPARATELY	
(*)	KIT, HYD. VALVE BLOCK, w/FILTER, ASM.	146 517 R91

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GROUP 13 – TRANSMISSIONS



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FIG. 13-19 — EXTENSION CASE, GOVERNOR, REAR OIL PUMP AND SPEEDOMETER GEAR HOUSING
(Automatic Transmission, Code 1374)
(R-110, R-100, R-120, R-130 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	NOT SERVICED SEPARATELY		
2	GASKET		
	.005" THICK	AR	135 488 R1
	.007" THICK	AR	135 489 R1
3	NOT SERVICED SEPARATELY		
4	NOT SERVICED SEPARATELY		
5	NOT SERVICED SEPARATELY		
6	PUMP, ASM. (REAR)	1	135 487 R91
	BOLT, HEX-HD., 5/16NC x 2-1/4"	3	179 827
	WASHER, LK., 5/16", MED.	3	103 320
7	GASKET	1	135 491 R1

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-19 — EXTENSION CASE, GOVERNOR, REAR OIL PUMP AND SPEEDOMETER GEAR HOUSING - Continued			
8	GEAR, NOT SERVICED SEPARATELY		
	PIN, STGHT., 3/16 x 7/8"	1	103 723
9	CASE, ASM.	1	135 474 R91
	BOLT, HEX-HD.		
	3/8NC x 1"	4	179 839
	3/8NC x 2-1/4"	1	135 499 R1
	3/8NC x 3"	1	135 500 R1
	WASHER, LK., 3/8", MED.	6	103 321
10	RACE	1	139 742 R1
11	BEARING	1	26 059 H0
12	RING	1	139 743 R1
13	SEAL	1	139 740 R1
14	FLANGE (SEE GROUP 06)		
15	WASHER (SEE GROUP 06)		
16	BOLT (SEE GROUP 06)		
17	NOT SERVICED SEPARATELY		
18	SPRING	1	135 483 R1
19	SPRING	1	135 497 R1
20	SHOE	2	135 484 R1
21	LEVER	1	139 495 R1
22	NOT SERVICED SEPARATELY		
23	SHAFT, w/LEVER, ASM.	1	135 481 R91
24	NUT, 1/4"	1	441 261
25	NUT, HEX., LK., 1/4NC	1	18 306 R91
26	SCREW, SET, 1/4NC x 1-1/4"	1	135 553 R1
27	WASHER, COPPER	1	16 561 R1
28	GASKET	1	135 493 R1
29	HOUSING	1	135 492 R1
	BOLT, HEX-HD., 5/16NC x 2"	2	179 826
	WASHER, LK., 5/16", MED.	2	103 320
30	GEAR	1	134 651 R1
31	GASKET	1	135 495 R1
32	COVER	1	135 494 R1
33	BUSHING	1	139 725 R1
34	SEAL	1	111 923 R1
35	SPRING	1	135 376 R1
36	PLUNGER	1	135 375 R1
37	SHAFT	1	135 501 R1
38	CAM, w/LINK AND PLUNGER, ASM.	1	135 482 R91
39	NOT SERVICED SEPARATELY		
40	GOVERNOR, ASM.	1	135 496 R91
41	PISTON	1	135 486 R1
42	VALVE, w/FORK, ASM.	1	135 485 R91
43	SPRING	1	135 480 R1
44	WASHER	1	135 479 R1
45	SPACER	1	135 478 R1
46	ARM	1	135 476 R1
47	PLATE	1	135 477 R1
48	WASHER, LK., 1/4", MED.	1	103 319
49	SCREW, FIL-HD., 1/4NC x 5/8"	1	114 354
50	GASKET	1	135 498 R1

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GROUP 13 – TRANSMISSIONS

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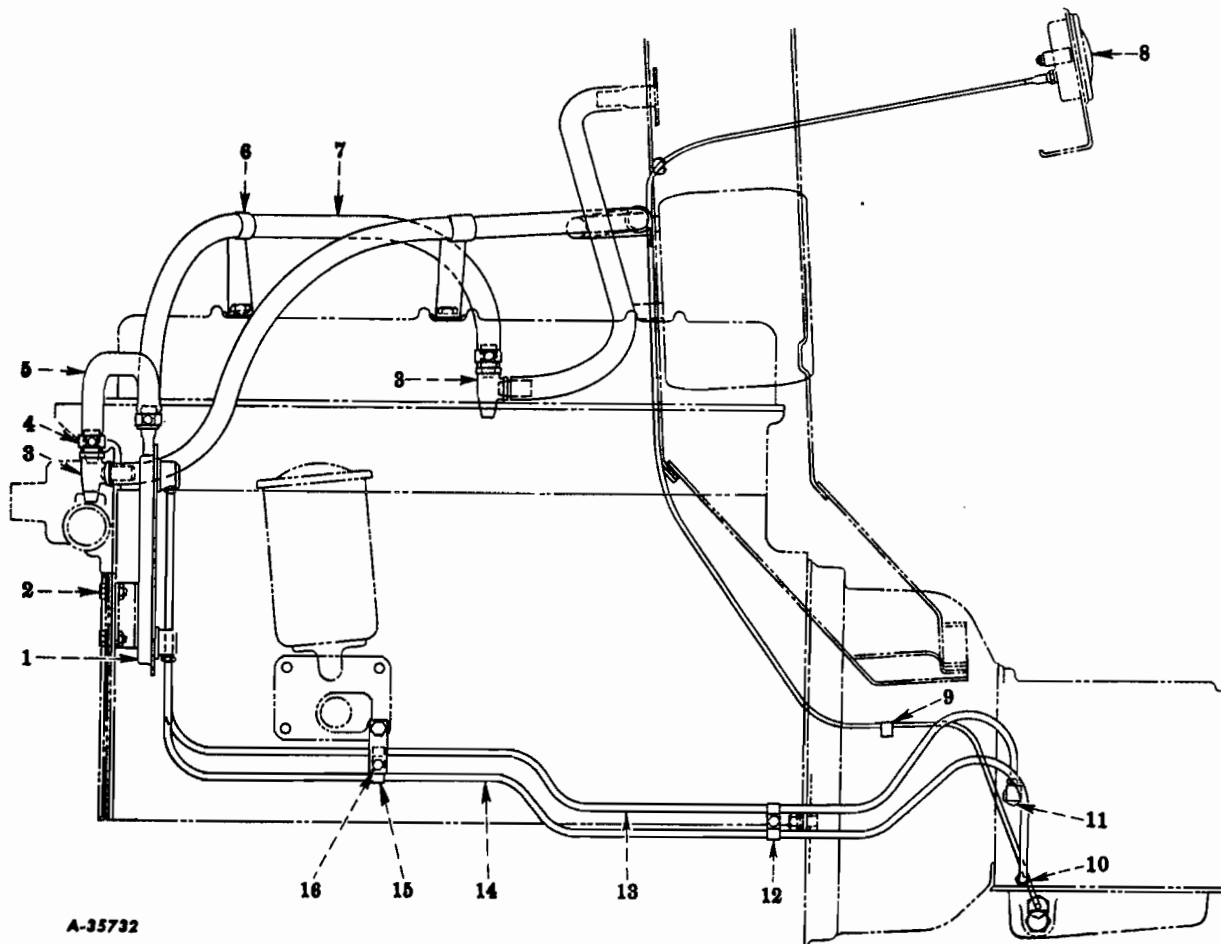


FIG. 13-20 — TRANSMISSION OIL COOLER (Code 1384) AND OIL TEMPERATURE GAUGE (Code 1385)
(For Automatic Transmission, Code 1374)
(R-100, R-110, R-120, R-130 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	COOLER, ASM.	1	130 713 R91
2	BOLT, HEX-HD., 5/16NF x 7/8"	2	181 596
	NUT, HEX., 5/16NF	2	120 368
	WASHER, LK., 5/16", MED.	2	120 214
3	TEE, PIPE, 3/8"	2	47 096 H
	NIPPLE, HOSE	2	121 356 R1
4	CLAMP, ASM.	1	996 261 R91
5	HOSE	1	130 718 R1
6	CLIP	1	91 189 R1
7	HOSE	1	130 717 R1
8	GAUGE, w/CABLE, ASM.	1	90 893 R91
9	CLIP	1	63 402 H
10	CONNECTOR, 5/16"	1	110 419 H
11	ADAPTER	1	134 132 R1
	ELBOW, 5/16"	1	110 346 H

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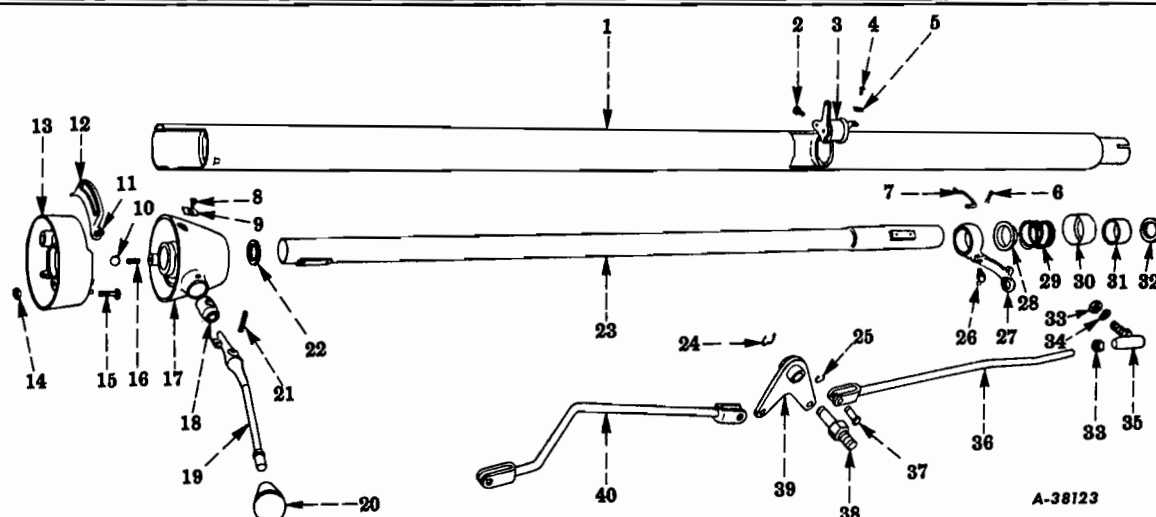


FIG. 13-21 - TRANSMISSION REMOTE CONTROL AND RODS
(Automatic Transmission, Code 1374)
(R-100, R-110, R-120, R-130 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	TUBE, ASM. (SEE GROUP 05)		
2	SCREW	2	136 282 R1
3	SWITCH, ASM.	1	134 481 R91
4	SCREW, FIL-HD., No. 8NC x 5/16"	2	(*) 1864099
5	WASHER, LK., TERM. SCREW	2	(*) 1868137
6	PIN, COTTER, 1/16 x 1/2"	1	103 361
7	ROD	1	136 281 R1
8	SCREW, PAN-HD., No. 6NF x 5/16"	1	166 988
9	POINTER	1	127 955 R1
10	BALL, 5/16"	1	16 010 R1
11	SCREW, OVAL-HD., No. 6NF x 7/16"	2	167 511
12	DIAL	1	132 986 R1
13	FLANGE, ASM.	1	136 278 R91
14	NUT	2	130 109 R1
15	BOLT	2	130 108 R1
16	SPRING	1	136 283 R1
17	SOCKET	1	136 279 R1
18	GROMMET	1	128 016 R1
19	LEVER	1	128 009 R2
20	KNOB	1	128 008 R1
21	PIN	1	17 175 R1
22	WASHER	1	130 114 R1
23	TUBE, ASM.	1	136 275 R91
24	RING	1	130 416 R1
25	RING	3	127 269 R1
26	LUBRICATOR	1	109 454
27	LEVER	1	136 277 R1
28	RETAINER	1	130 113 R1
29	SPRING	1	130 115 R1
30	SPACER	1	130 112 R1
31	SLEEVE	1	136 280 R1
32	BUSHING, ASM.	1	130 116 R91
			(*) DELCO-REMY PART NUMBER

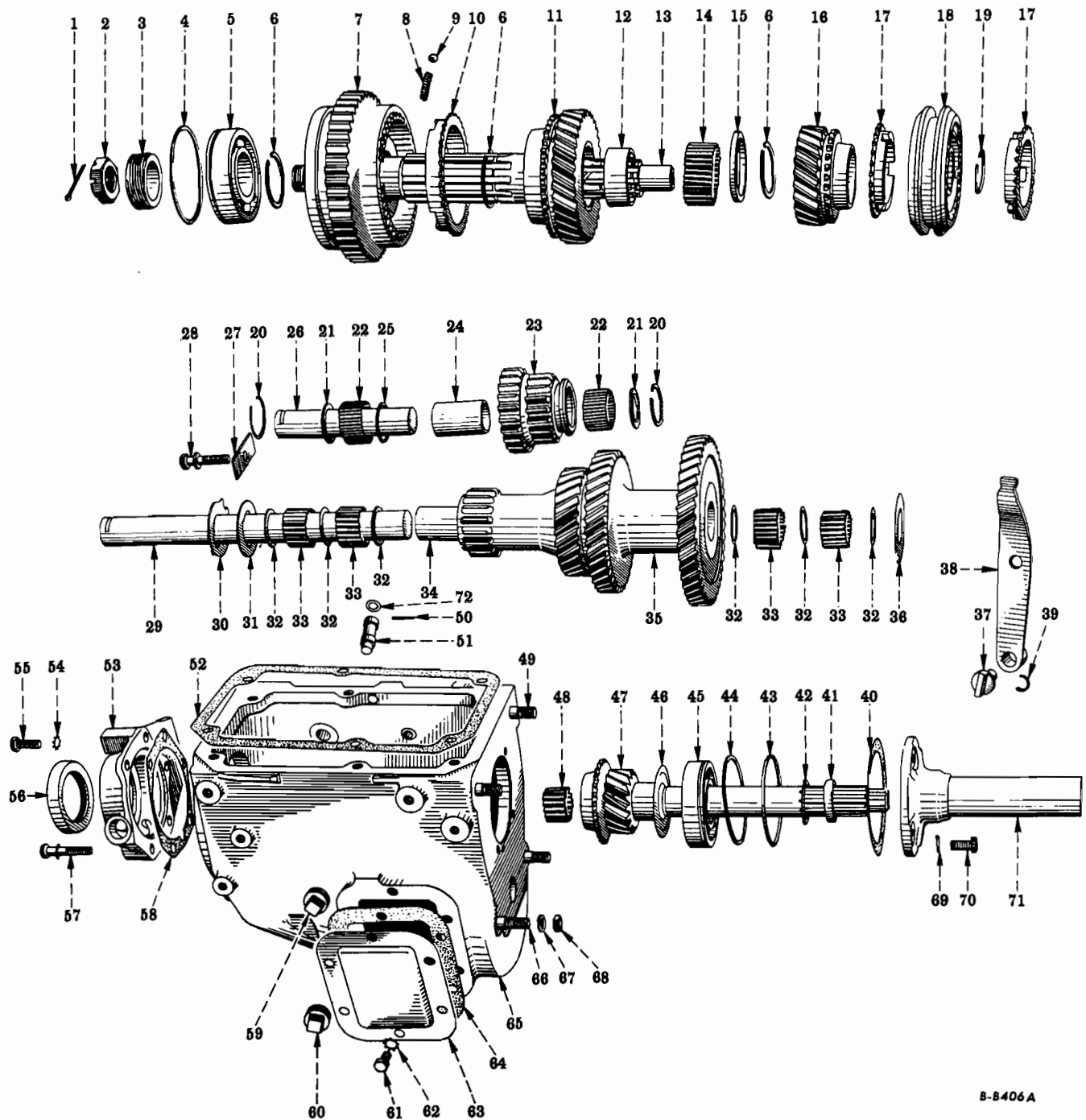
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GROUP 13 – TRANSMISSIONS

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FIG. 13-22 — TRANSMISSION CASE AND GEARS, 4-SPEED (Model T-98, Code 1303)
(R-110, R-120, R-130, R-140-4x4, R-150, R-160, RC-160, R-160-4x4 Series)

(See following page for parts)

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER	
			BELOW R-110-56347 R-120-12565, R-130-11267, R-150-4514, R-160-36938 R-160-3516, R-140-4X4-1163 R-160-4X4-1104	UP R-110-56347, R-120-12565, R-130-11267, R-150-4514, R-160-36938, R-160-3516, R-140-4X4-1163 R-160-4X4-1104

FIG. 13-22 — TRANSMISSION CASE AND GEARS, 4-SPEED (Model T-98, Code 1303)

	TRANSMISSION, w/o CONTROL HOUSING, ASM.	1	100 624 R92	100 624 R92
1	PIN (SEE GROUP 06)			
2	NUT (SEE GROUP 06)			
3	GEAR	1	82 229 R1	82 229 R1
4	RING	1	77 945 R1	77 945 R1
5	BEARING, ASM.	1	ST 532	ST 532
6	RING	3	71 843 R1	71 843 R1
7	SYNCHRONIZER, ASM.	1	82 092 R91	82 092 R91
8	SPRING	3	73 298 R1	73 298 R1
9	BALL, 3/8"	3	16 012 R1	16 012 R1
10	RING	1	71 847 R1	71 847 R1
11	GEAR	1	71 845 R1	71 845 R1
12	SPACER	1	82 079 R1	82 079 R1
13	SHAFT	1	71 834 R2	71 834 R2
14	BEARING	34	71 846 R1	71 846 R1
15	WASHER	1	71 842 R1	71 842 R1
16	GEAR	1	72 201 R11	72 201 R11
17	RING	2	71 840 R1	71 840 R1
18	SYNCHRONIZER, ASM.	1	71 835 R91	71 835 R91
19	RING	1	71 841 R1	71 841 R1
20	RING	2	91 092 R1	91 092 R1
21	WASHER	2	91 091 R1	91 091 R1
22	BEARING	74	91 094 R1	91 094 R1
23	GEAR, w/BEARINGS AND WASHERS, ASM.	1	91 089 R11	91 089 R1
24	SLEEVE	1	91 095 R1	91 095 R1
25	SPACER	1	91 093 R1	91 093 R1
26	SHAFT	1	59 423 R1	59 423 R1
27	PLATE	1	27 082 H	27 082 H
28	BOLT, HEX-HEAD., 3/8"NC x 3/4"	1	181 108	181 108
	WASHER, LK., 3/8", EXT.	1	114 606	114 606
29	SHAFT	1	71 860 R1	71 860 R1
30	WASHER	1	71 859 R1	71 859 R1
31	WASHER	1	71 858 R1	71 858 R1
32	WASHER	6	59 572 R1	59 572 R1
33	BEARING	88	59 574 R1	59 574 R1
34	SPACER	1	95 363 R1	95 363 R1
35	GEAR	1	71 854 R1	71 854 R1
36	WASHER	1	71 857 R1	71 857 R1
37	SHOE	1	91 090 R1	91 090 R1
38	ARM	1	82 093 R1	147 922 R1
39	WASHER	1	82 084 R1	82 084 R1

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER	
			BELOW R.110-56347, R.120-12565, R.130-11267, R.150-4514, R.160-36938, R.C.160-3516, R.140-4X4.1163, R.160-4X4.1104	UP R.110-56347, R.120-12565, R.130-11267, R.150-4514, R.160-36938, R.C.160-3516, R.140-4X4.1163, R.160-4X4.1104
FIG. 13-22 — TRANSMISSION CASE AND GEARS, 4-SPEED (Model T-98, Code 1303) - Continued				
40	GASKET			
	.009" THICK	AR	77 946 RI	77 946 RI
	.0135" THICK	AR	77 947 RI	77 947 RI
	.018" THICK	AR	77 948 RI	77 948 RI
	.0225" THICK	AR	77 949 RI	77 949 RI
41	SEAL, ASM.	I	109 119 R9I	109 119 R9I
42	RING			
	.087" THICK	AR	80 220 RI	80 220 RI
	.090" THICK	AR	80 221 RI	80 221 RI
	.093" THICK	AR	80 222 RI	80 222 RI
	.097" THICK	AR	80 223 RI	80 223 RI
	.117" THICK	AR	137 244 RI	137 244 RI
	.120" THICK	AR	137 245 RI	137 245 RI
	.123" THICK	AR	137 246 RI	137 246 RI
	.127" THICK	AR	137 247 RI	137 247 RI
43	RING	I	77 945 RI	77 945 RI
44	RING	I	82 076 RI	82 076 RI
45	BEARING, ASM.	I	ST 532	ST 532
46	SLINGER	I	80 175 RI	80 175 RI
47	GEAR, w/RING, ASM.	I	71 865 R2I	71 865 R2I
48	BEARING	16	59 579 RI	59 579 RI
49	STUD	2	112 616 HA	112 616 HA
50	PIN	I	83 777 RI	103 565
51	PIN	I	82 085 RI	147 921 RI
52	GASKET	I	71 855 RI	71 855 RI
53	RETAINER, w/BEARING, ASM.	I	80 224 RII	80 224 RII
54	WASHER, LK., 3/8", EXT.	5	114 606	114 606
55	BOLT, HEX-HD., 3/8NC x 1"	4	181 112	181 112
56	SEAL, ASM.	I	59 586 R9I	59 586 R9I
57	BOLT, HEX-HD., 3/8NC x 2"	I	181 126	181 126
58	GASKET			
	.010" THICK	AR	80 225 RI	80 225 RI
	.015" THICK	AR	80 226 RI	80 226 RI
	.020" THICK	AR	80 227 RI	80 227 RI
	.025" THICK	AR	80 228 RI	80 228 RI
59	PLUG, PIPE, SQ-HD., 3/4"	I	16 845 RI	16 845 RI
60	PLUG, CTSK-HD., 3/4"	I	444 795	444 795
61	BOLT, HEX-HD., 3/8NC x 5/8"	6	181 106	181 106
62	WASHER, LK., 3/8", EXT.	6	114 606	114 606
63	COVER (NOT USED WITH POWER TIRE PUMP, CODE 1361)	I	23 045 H	23 045 H
64	GASKET	I	111 082 RI	111 082 RI
65	CASE	I	100 095 RII	147 919 RII
66	STUD	2	94 807 RI	94 807 RI
67	WASHER, LK., 1/2", MED.	4	103 323	103 323

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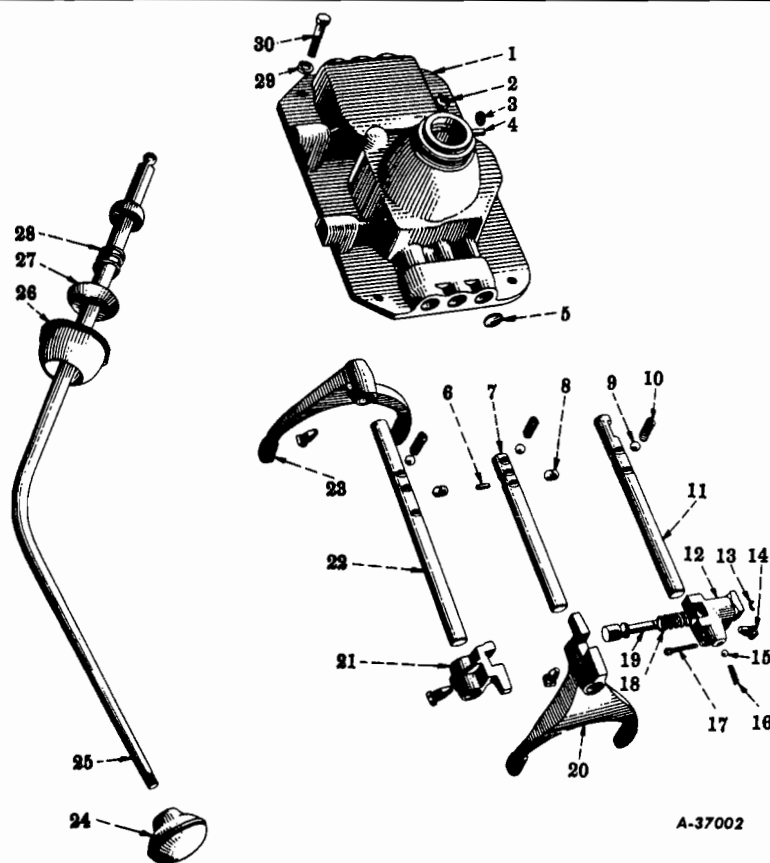


FIG. 13-23 — TRANSMISSION SHIFTING MECHANISM (4-Speed, Model T-98, Code 1303)
(R-110, R-120, R-130, R-140-4x4, R-150, R-160, R-160-4x4, RC-160 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	HOUSING CONTROL, w/SHIFT FORKS AND LEVER, ASM.		
	R-110, R-120, R-130 SERIES	1	116 652 R91
	R-140-4 x 4, R-150, R-160, R-160-4 x 4 SERIES	1	71 876 R91
	RC-160 SERIES	1	86 927 R91
1	HOUSING		
	R-110, R-120, R-130, R-140 - 4 x 4, R-150, R-160, R-160 - 4 x 4 SERIES	1	71 877 R1
	RC-160 SERIES	1	86 925 R1
2	BREATHER, ASM.	1	82 075 R91
3	PLUG	1	59 761 R1
4	PIN	1	82 081 R1
5	PLUG, EXPANSION, 3/4"	6	172 531
6	PIN	1	59 412 R1
7	BAR	1	71 879 R1
8	PLUNGER	2	27 096 H
9	BALL, 3/8"	3	16 012 R1
10	SPRING	3	59 411 R1
11	BAR	1	71 884 R1

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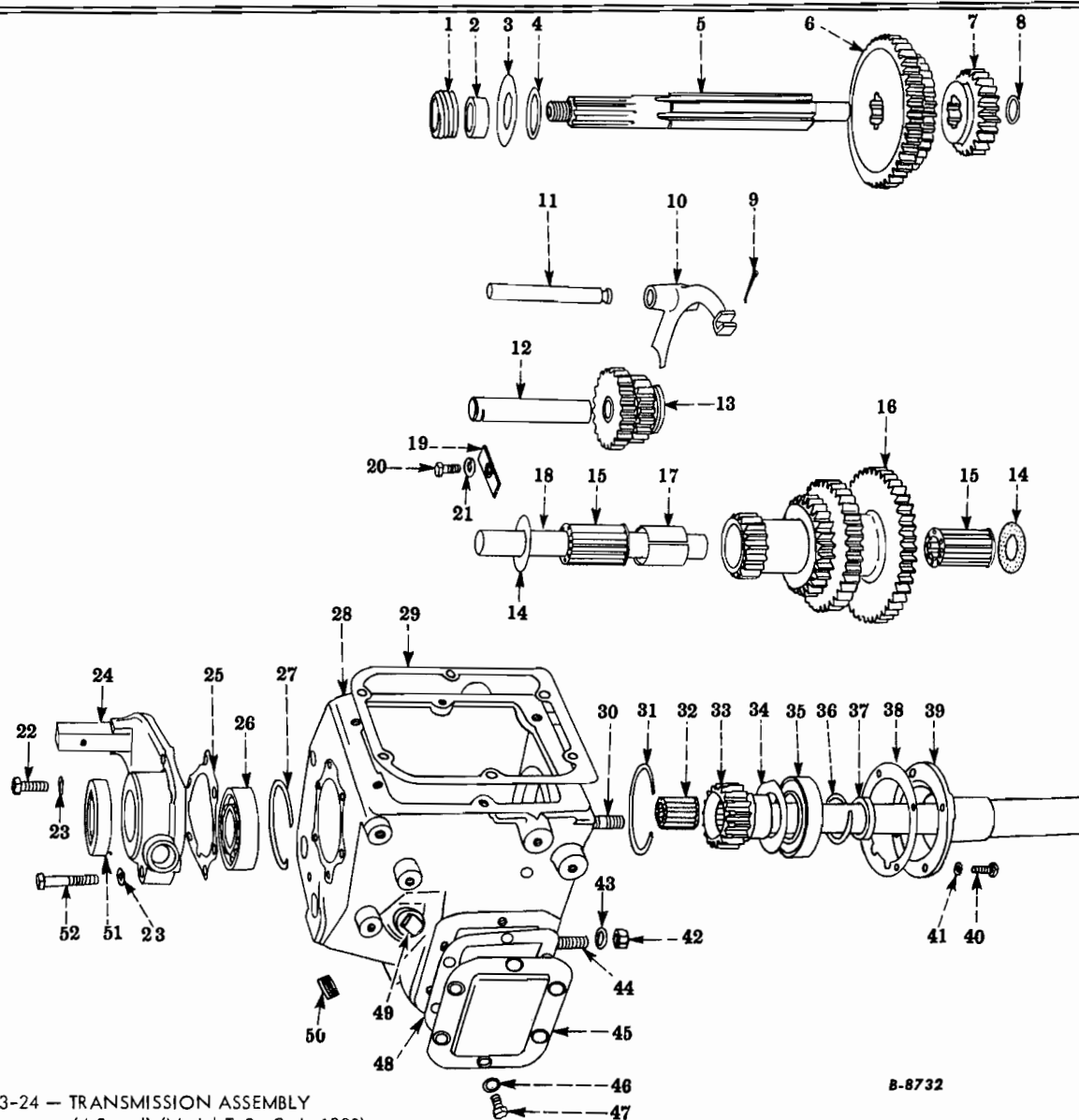
GROUP 13 – TRANSMISSIONS

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GROUP 13 — TRANSMISSIONS



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FIG. 13-24 — TRANSMISSION ASSEMBLY
(4 Speed) (Model T-9, Code 1320)
(R-130, R-140-4x4, R-150, R-160-4x4 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	TRANSMISSION, ASM., w/o CONTROL HOUSING		
	R-130, R-150 SERIES	1	77 183 R94
	R-140-4x4, R-160-4x4	1	120 447 R91
	GASKET SET	1	137 103 H
1	GEAR	1	26 836 H
2	SPACER	1	27 132 HA
3	SLINGER	1	27 090 H
4	WASHER	1	27 088 H
5	SHAFT	1	27 068 HB
6	GEAR	1	72 975 H
7	GEAR	1	62 899 H
8	RING	1	27 087 H
9	PIN, COTTER, 1/8 x 1-1/4"	1	103 386

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-24 — TRANSMISSION ASSEMBLY (4 Speed) (Model T-9, Code 1320) - Continued			
10	FORK	1	27 118 H
11	BAR	1	27 083 H
12	SHAFT	1	27 079 H
13	GEAR, ASM.	1	62 402 HBX
14	WASHER	2	25 854 H
15	BEARING, ASM.	2	23 172 H
16	GEAR	1	72 976 H
17	SPACER	1	27 091 H
18	SHAFT	1	27 062 H
19	LOCK	1	27 082 H
20	BOLT, HEX-HD., 3/8NC x 3/4"	1	181 108
21	WASHER, LK., 3/8", MED.	1	103 321
22	BOLT, HEX-HD., 3/8NC x 1"	4	181 112
23	WASHER, LK., 3/8", MED.	5	103 321
24	RETAINER, w/BUSHING, ASM.	1	27 072 HBX
25	GASKET	1	27 116 HA
26	BEARING, ASM.	1	ST 291
27	RING	1	27 073 H
28	CASE, w/STUDS, ASM.		
	R-130, R-150 SERIES	1	82 714 R92
	R-140-4x4, R-160-4x4 SERIES	1	120 406 R1
29	GASKET	1	27 122 H
30	STUD	2	112 616 HA
31	RING	1	27 071 H
32	BEARING, ASM.	1	27 009 H
33	GEAR	1	72 978 H
34	SLINGER	1	27 089 H
35	BEARING, ASM.	1	ST 201
36	CRING	1	27 086 H
37	SEAL, ASM.	1	109 119 R91
38	GASKET	1	27 110 H
39	RETAINER, w/SEAL, ASM.	1	82 919 R21
40	BOLT, HEX-HD., 5/16NC x 7/8"	4	181 087
41	WASHER, LK., 5/16", EXT.	4	114 605
42	NUT, HEX., 1/2NC	4	103 028
43	WASHER, LK., 1/2", MED.	4	103 323
44	STUD	2	94 807 R1
45	COVER		
	R-130, R-150	1	23 045 H
	R-140-4x4, R-160-4x4	2	23 045 H
46	WASHER, LK., 3/8", MED.	AR	103 321
47	BOLT, HEX-HD., 3/8NC x 3/4"	AR	181 108
48	GASKET		
	R-130, R-150 SERIES	1	111 082 R1
	R-140-4x4, R-160-4x4 SERIES	2	111 082 R1
49	PLUG, PIPE, CTSK-HD., 3/4"	1	143 999
50	PLUG, PIPE, SQ-HD., 3/4"	1	16 845 R1
51	SEAL, ASM.	1	59 586 R91
52	BOLT, HEX-HD., 3/8NC x 2"	1	181 126

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GROUP 13 — TRANSMISSIONS

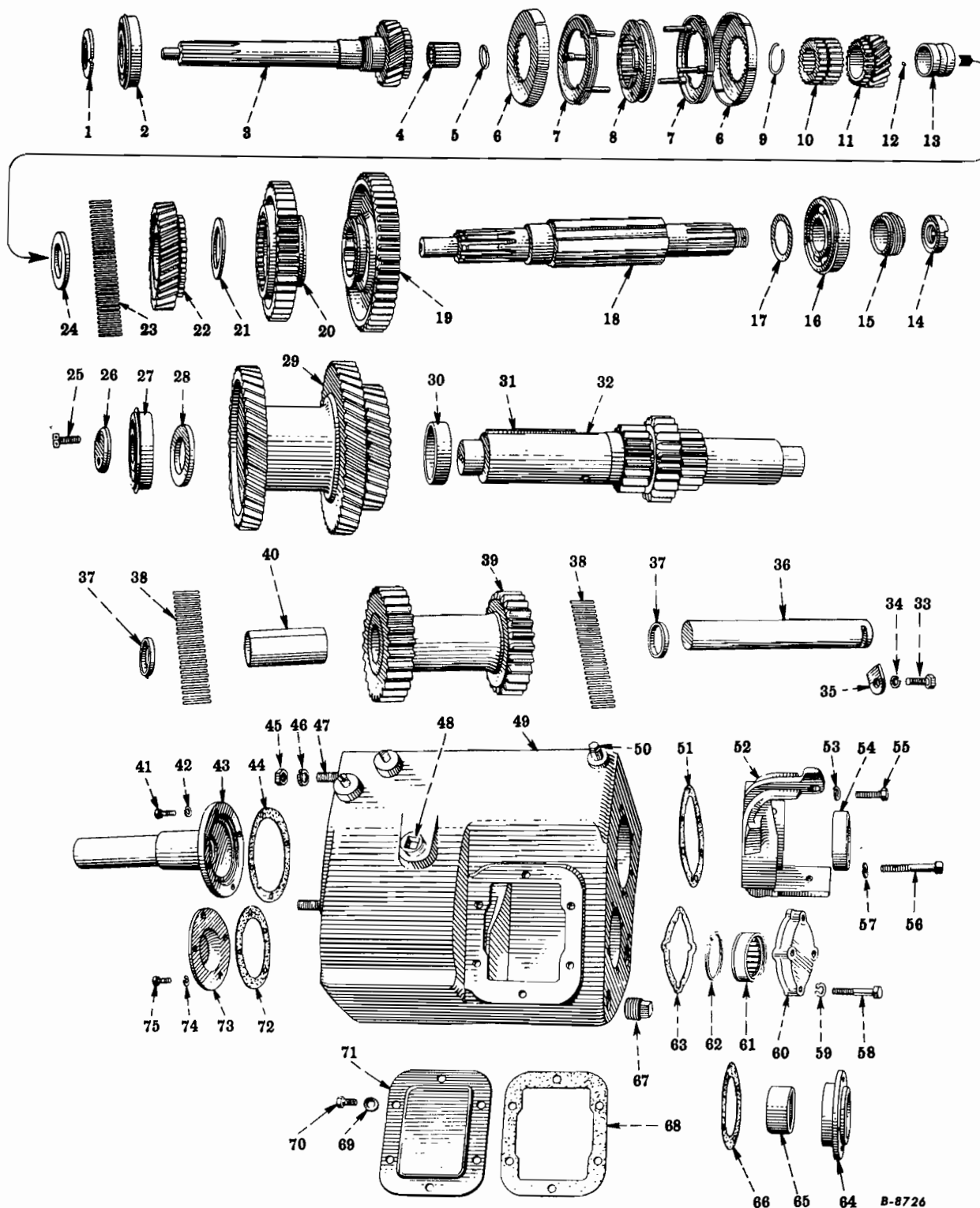


FIG. 13-26 — TRANSMISSION ASSEMBLY (New Process) (5 Speed, Overdrive, Code 1322 And Direct-In-Fifth, Code 1323) (R-160 Series - w/Code 1322 Below 34941) (R-160 Series - w/Code 1323 Below 35684)

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER	
		CODE 1322	CODE 1323	BELOW 1007 (CODE 1322) BELOW 9790 (CODE 1323)	1007 AND UP (CODE 1322) 9790 AND UP (CODE 1323)

FIG. 13-26 — TRANSMISSION ASSEMBLY (New Process) (5 Speed, Overdrive, Code 1322 And Direct-In-Fifth, Code 1323)

	TRANSMISSION, ASM. w/o CONT. HSG.,				
	CODE 1322	1		96 535 R92	96 535 R92
	CODE 1323		1	96 534 R92	96 534 R92
1	NUT	1	1	95 798 R1	95 798 R1
2	BEARING	1	1	95 796 R91	95 796 R91
3	GEAR				
	5 SPEED, OVERDRIVE	1		95 795 R1	95 795 R1
	DIRECT-IN-FIFTH		1	95 869 R1	95 869 R1
4	BEARING, ASM.	1	1	95 803 R91	95 803 R91
5	SPACER	1	1	95 802 R1	95 802 R1
6	RING	2	2	95 807 R1	95 807 R1
7	RING, w/PINS, ASM.	2	2	95 806 R11	95 806 R11
8	CLUTCH	1	1	95 810 R1	95 810 R1
9	RING				
	.086 - .088" THICK	AR	AR	95 876 R1	96 876 R1
	.089 - .091" THICK	AR	AR	95 877 R1	95 877 R1
	.092 - .094" THICK	AR	AR	95 878 R1	95 878 R1
	.095 - .097" THICK	AR	AR	95 879 R1	95 879 R1
10	GEAR	1	1	95 809 R1	95 809 R1
11	GEAR				
	5 SPEED, OVERDRIVE	1		95 813 R1	95 813 R1
	DIRECT-IN-FIFTH		1	95 871 R1	95 871 R1
12	NOT USED				
13	SLEEVE	1	1	95 811 R1	95 811 R1
14	NUT (SEE GROUP 06)				
15	GEAR	1	1	95 066 R1	95 066 R1
16	BEARING, ASM.	1	1	ST 236	ST 236
17	SHIM	AR	AR	95 821 R1	95 821 R1
18	SHAFT	1	1	95 801 R1	95 801 R1
19	GEAR	1	1	95 819 R1	95 819 R1
20	GEAR	1	1	95 818 R1	95 818 R1
21	WASHER	1	1	95 817 R1	95 817 R1
22	GEAR				
	5 SPEED, OVERDRIVE	1		95 816 R1	95 816 R1
	DIRECT-IN-FIFTH		1	95 873 R1	95 873 R1
23	BEARING	50	50	91 094 R1	91 094 R1
24	WASHER				
	5 SPEED, OVERDRIVE	1		95 814 R1	95 814 R1
	DIRECT-IN-FIFTH		1	95 872 R1	95 872 R1
25	BOLT	2	2	95 789 R1	95 789 R1
26	PLATE	1	1	95 788 R1	95 788 R1
27	BEARING, ASM.	1	1	ST 341	ST 341

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER	
		CODE 1322	CODE 1323	BELOW 1007 (CODE 1322) BELOW 9790 (CODE 1323)	1007 AND UP (CODE 1322) 9790 AND UP (CODE 1323)

FIG. 13-26 — TRANSMISSION ASSEMBLY (New Process) (5 Speed, Overdrive, Code 1322 And Direct-In-Fifth, Code 1323) - Continued

28	WASHER	1	1	95 785 RI	95 785 RI
29	GEAR				
	5 SPEED, OVERDRIVE	1		95 782 RI	95 782 RI
	DIRECT-IN-FIFTH		1	95 875 RI	95 875 RI
30	SPACER	1	1	95 783 RI	95 783 RI
31	KEY	1	1	95 784 RI	125 500 RI
32	SHAFT	1	1	95 781 RI	125 501 RI
33	BOLT, HEX-HD., 3/8NC x 5/8"	1	1	181 106	181 106
34	WASHER, LK., 3/8", MED.	1	1	103 321	103 321
35	LOCK	1	1	95 780 RI	95 780 RI
36	SHAFT	1	1	95 779 RI	95 779 RI
37	SPACER	2	2	95 778 RI	95 778 RI
38	BEARING	62	62	95 777 RI	95 777 RI
39	GEAR	1	1	95 775 RI	95 775 RI
40	SPACER	1	1	95 776 RI	95 776 RI
41	BOLT, HEX-HD.				
	5/16NC x 5/8"	2	2	126 481 RI	126 481 RI
	5/16NC x 3/4"	2	2	181 086	181 086
42	WASHER, LK., 5/16", EXT.	4	4	114 605	114 605
43	RETAINER	1	1	95 800 RI	95 800 RI
44	GASKET	1	1	95 799 RI	95 799 RI
45	NUT, HEX., 1/2NF	4	4	103 028	103 028
46	WASHER, LK., 1/2", MED.	4	4	103 323	103 323
47	STUD	4	4	94 807 RI	94 807 RI
48	PLUG, PIPE, CTSK-HD., 1/2"	1	1	143 967	143 967
49	CASE, ASM.	1	1	95 771 RI	95 771 RI
50	STUD (SEE GROUP 04)				
51	GASKET	1	1	95 825 RI	95 825 RI
52	RETAINER	1	1	95 824 RI	95 824 RI
53	WASHER, LK., 3/8", MED.	5	5	103 321	103 321
54	SEAL, ASM.	1	1	95 823 R9I	95 823 R9I
55	BOLT, HEX-HD., 3/8NC x 1"	4	4	181 112	181 112
56	BOLT, HEX-HD., 3/8NC x 2-1/4"	1	1	181 127	181 127
57	WASHER	1	1	95 826 RI	95 826 RI
58	BOLT, HEX-HD.				
	5/16NC x 3/4"	4	4	181 086	181 086
	5/16NC x 1-1/8"	4	4		180 080
59	WASHER, LK., 5/16", MED.	4	4	103 320	103 320
60	COVER	1	1		125 502 RI
61	RING	1	1		125 498 RI
62	BEARING, ASM.	1	1		125 497 R9I
63	GASKET	1	1		125 499 RI
64	RETAINER	1	1	95 794 RI	95 794 RI
65	BEARING, ASM.	1	1	95 792 R9I	95 792 R9I
66	GASKET	1	1	95 793 RI	95 793 RI
67	PLUG, PIPE, SQ-HD., 3/4"	1	1	143 936	143 936
68	GASKET	1	1	95 774 RI	95 774 RI

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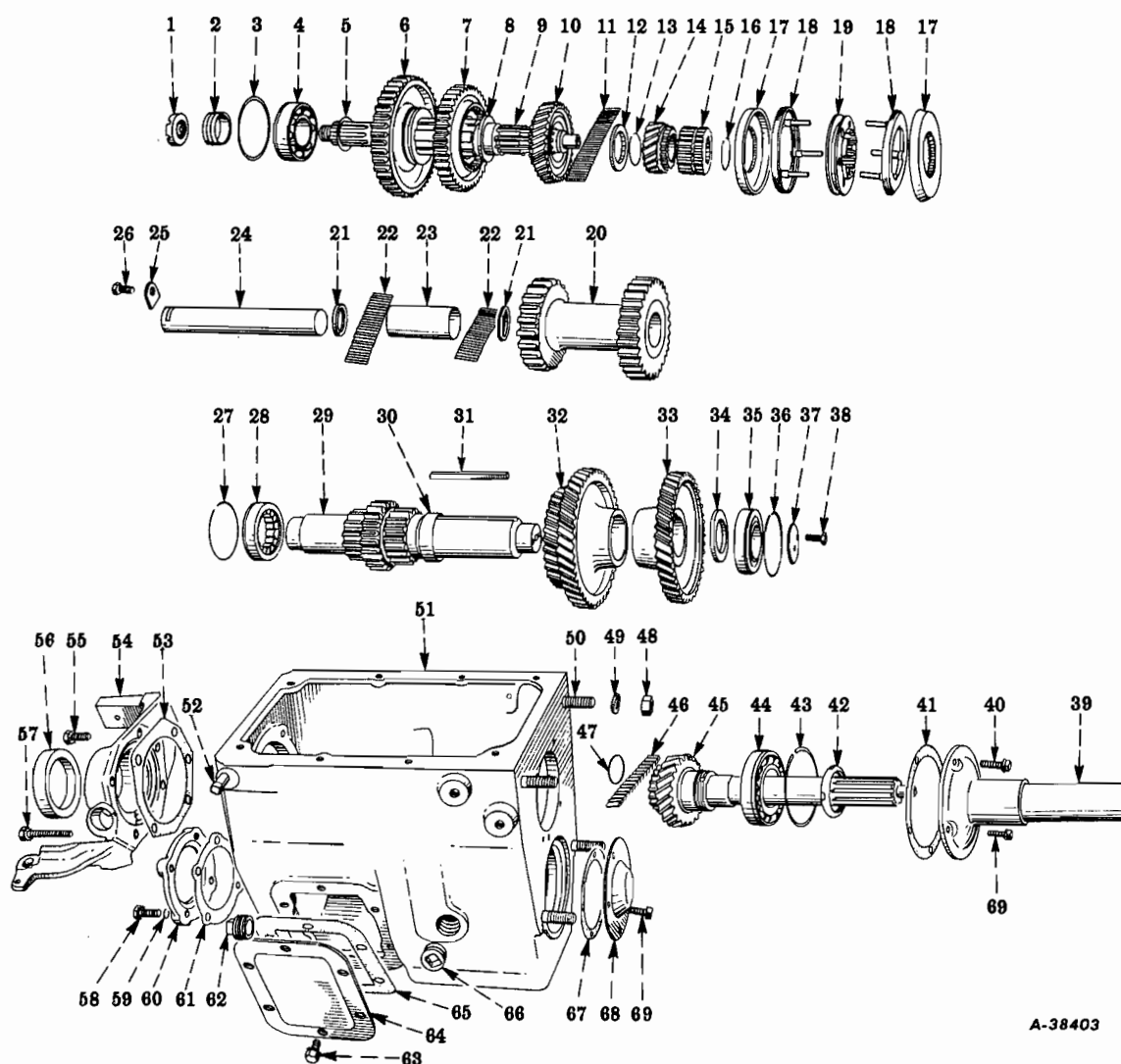
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FIG. 13-26 — TRANSMISSION ASSEMBLY (New Process) (5 Speed, Overdrive, Code 1322 And Direct-In-Fifth, Code 1323) - Continued

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GROUP 13 — TRANSMISSIONS



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FIG. 13-26A — TRANSMISSION CASE AND GEAR (New Process)
 (5-Speed Overdrive, Code 1305; Direct-In-Fifth, Code 1306)
 (R-160 Series - w/Code 1305, 34941 Up And w/Code 1306, 35684 Up)
 (RC-160 Series - 501 Up)

KEY	DESCRIPTION	TRANSMISSION CODE		I H PART NUMBER
		1305	1306	
	TRANSMISSION, w/o CON. HSG., ASM. (OVERDRIVE)	X		145 930 R91
	TRANSMISSION, w/o CON. HSG., ASM. (DIRECT-IN-FIFTH)		X	145 929 R91
1	NUT, (SEE GROUP 06)			
2	GEAR	X	X	95 066 R1
3	RING	X	X	95 820 R1
4	BEARING	X	X	ST 236
5	SHIM	X	X	95 821 R1
6	GEAR	X	X	145 958 R1

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KEY	DESCRIPTION	TRANSMISSION CODE		I H PART NUMBER
		1305	1306	

FIG. 13-26A — TRANSMISSION CASE AND GEAR (New Process) - Continued				
7	GEAR	X	X	95 818 RI
8	WASHER	X	X	160 740 RI
9	SHAFT	X	X	145 953 RI
10	GEAR			
		X		145 955 RI
			X	145 956 RI
11	BEARING (50 REQ'D.)	X	X	91 094 RI
12	WASHER	X	X	146 009 RI
13	RING			
	.090" THICK	X	X	146 010 RI
	.093" THICK	X	X	146 011 RI
	.096" THICK	X	X	146 012 RI
14	GEAR			
		X		145 959 RI
			X	145 957 RI
15	GEAR	X	X	145 960 RI
16	RING			
	.087" THICK	X	X	146 005 RI
	.090" THICK	X	X	146 006 RI
	.093" THICK	X	X	146 007 RI
	.096" THICK	X	X	146 008 RI
17	RING	X	X	95 807 RI
18	RING	X	X	95 806 RI
19	CLUTCH	X	X	95 810 RI
20	GEAR	X	X	145 942 RI
21	SPACER	X	X	95 778 RI
22	BEARING (62 REQ'D.)	X	X	95 777 RI
23	SPACER	X	X	95 776 RI
24	SHAFT	X	X	95 779 RI
25	LOCK	X	X	95 780 RI
26	BOLT, HEX-HD., 3/8NC x 5/8", w/WASHER, ASM.	X	X	423 568
27	RING	X	X	125 498 RI
28	BEARING	X	X	125 497 R91
29	SHAFT	X	X	145 945 RI
30	SPACER	X	X	95 783 RI
31	KEY	X	X	125 500 RI
32	GEAR			
		X		145 947 RI
			X	145 946 RI
33	GEAR			
		X		145 949 RI
			X	145 948 RI
34	WASHER	X	X	95 785 RI
35	BEARING	X	X	ST 341
36	RING	X	X	95 787 RI

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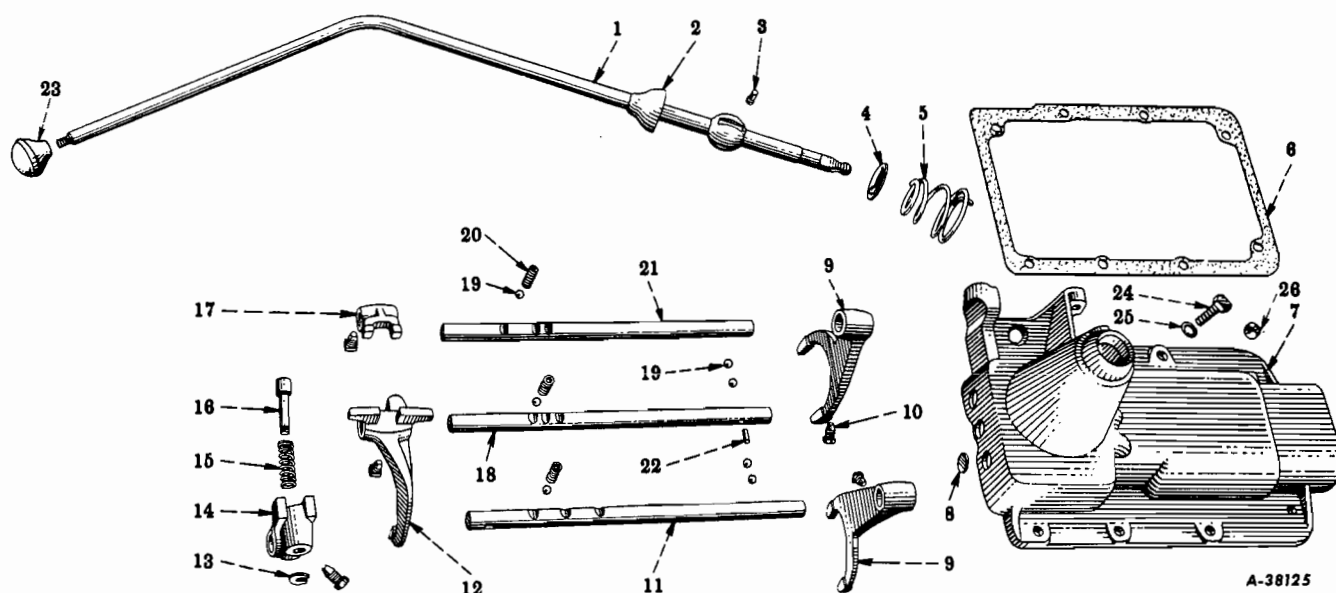
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KEY	DESCRIPTION	TRANSMISSION CODE		I H PART NUMBER
		1305	1306	
FIG. 13-26A — TRANSMISSION CASE AND GEAR (New Process) - Continued				
37	PLATE	X	X	95 788 R1
38	BOLT, w/WASHER, ASM.	X	X	95 789 R1
39	RETAINER	X	X	95 800 R1
40	BOLT	X	X	126 481 R1
41	GASKET	X	X	95 799 R1
42	NUT	X	X	95 798 R1
43	RING	X	X	95 804 R1
44	BEARING	X	X	141 605 R91
45	GEAR			
		X		145 950 R1
			X	145 940 R1
46	BEARING (15 REQ'D)	X	X	145 941 R1
47	SPACER	X	X	124 269 R1
48	NUT	X	X	103 028
49	WASHER	X	X	103 323
50	STUD	X	X	94 807 R1
51	CASE	X	X	95 771 R1
52	STUD (SEE GROUP 04)			
53	GASKET	X	X	95 825 R1
54	RETAINER, ASM.	X	X	95 822 R91
55	BOLT, HEX-HD., 3/8NC x 1", w/WASHER, ASM.	X	X	423 571
56	SEAL	X	X	95 823 R91
57	BOLT, HEX-HD., 3/8NC x 2-1/4", w/WASHER, ASM.	X	X	18 284 R91
58	BOLT, HEX-HD., 5/16NC x 1-1/8"	X	X	180 080
59	WASHER	X	X	120 214
60	COVER	X	X	125 502 R1
61	GASKET	X	X	125 499 R1
62	PLUG	X	X	16 845 R1
63	BOLT, HEX-HD., 3/8NC x 5/8", w/WASHER, ASM.	X	X	423 568
64	COVER	X	X	95 773 R4
65	GASKET	X	X	95 774 R1
66	PLUG, PIPE, CTSK., HD., 1/2"	X	X	103 874
67	GASKET	X	X	95 790 R1
68	COVER	X	X	95 791 R1
69	BOLT, HEX-HD., 5/16NC x 7/8", w/WASHER, ASM.	X	X	423 561

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FIG. 13-27 — TRANSMISSION CONTROL HOUSING (New Process)
 (5 Speed, Overdrive, Code 1322 And Direct-In-Fifth, Code 1323)
 (R-160 Series w/Code 1322 Below 34941)
 (R-160 Series w/Code 1323 Below 35684)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	HOUSING, CONTROL, w/LEVER, ASM.	1	95 827 R91
1	LEVER	1	95 843 R1
2	BOOT	1	95 846 R1
3	PIN	1	95 847 R1
4	RETAINER	1	95 845 R1
5	SPRING	1	95 844 R1
6	GASKET	1	95 848 R1
7	HOUSING	1	95 828 R1
8	PLUG	3	172 531
9	FORK	2	95 837 R1
10	SCREW	5	95 839 R1
11	BAR	1	95 832 R1
12	FORK	1	95 838 R1
13	WASHER	1	111 789 R1
14	BLOCK	1	95 833 R1
15	SPRING	1	95 835 R1
16	PLUNGER	1	95 834 R1
17	BLOCK	1	95 830 R1
18	BAR	1	95 831 R1
19	BALL, 3/8"	7	16 012 R1
20	SPRING	3	95 842 R2
21	BAR	1	95 829 R1
22	PIN	1	95 840 R1
23	HANDLE	1	16 780 H
24	BOLT, HEX-HD., 3/8NC x 1"	8	181 112
25	WASHER, LK., 3/8", MEO.	8	103 321
26	CUP	1	95 841 R1

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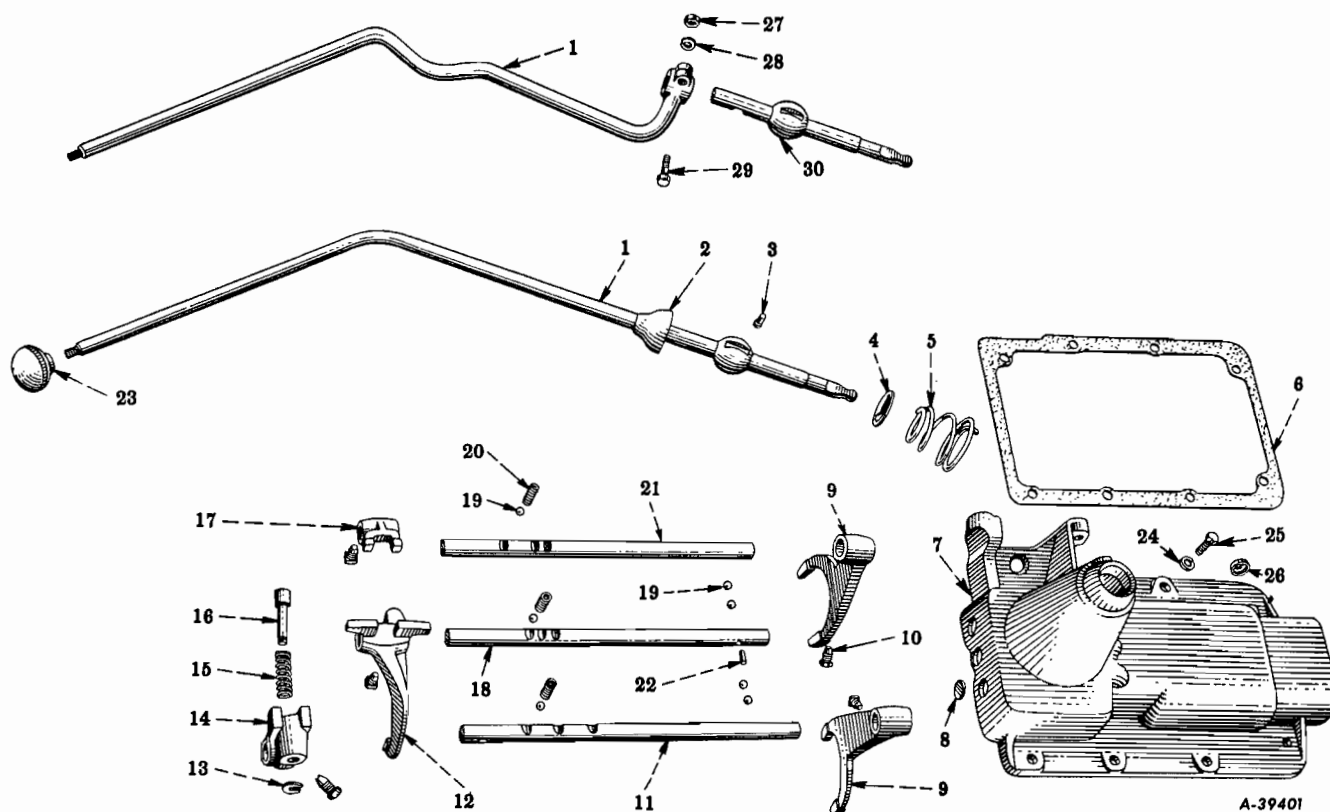


FIG. 13-27A — TRANSMISSION SHIFTING MECHANISM (New Process)

(5 Speed Overdrive, Code 1322, R-160 Series, Below 34941)

(5 Speed Direct-In-Fifth, Code 1323, R-160 Series, Below 35684)

(5 Speed Overdrive, Code 1305, R-160 Series, 34941 Up; RC-160 Series, 501 Up)

(5 Speed Direct-In-Fifth, Code 1306, R-160 Series, 35684 Up; RC-160 Series, 501 Up)

KEY	DESCRIPTION	SERIES		I H PART NUMBER
		R-160	RC-160	
	HOUSING, CONTROL, w/SHIFT FORKS AND LEVER, ASM.	X		95 827 R91
			X	147 352 R91
1	LEVER	X		95 843 R1
			X	135 644 R1
2	BOOT	X	X	95 846 R1
3	PIN	X	X	95 847 R1
4	RETAINER	X	X	95 845 R1
5	SPRING	X	X	95 844 R1
6	GASKET	X	X	95 848 R1
7	HOUSING	X	X	95 828 R1
8	PLUG	X	X	172 531
9	FORK	X	X	95 837 R1
10	SCREW	X	X	95 839 R1
11	BAR	X	X	95 832 R1
12	FORK	X	X	95 838 R1

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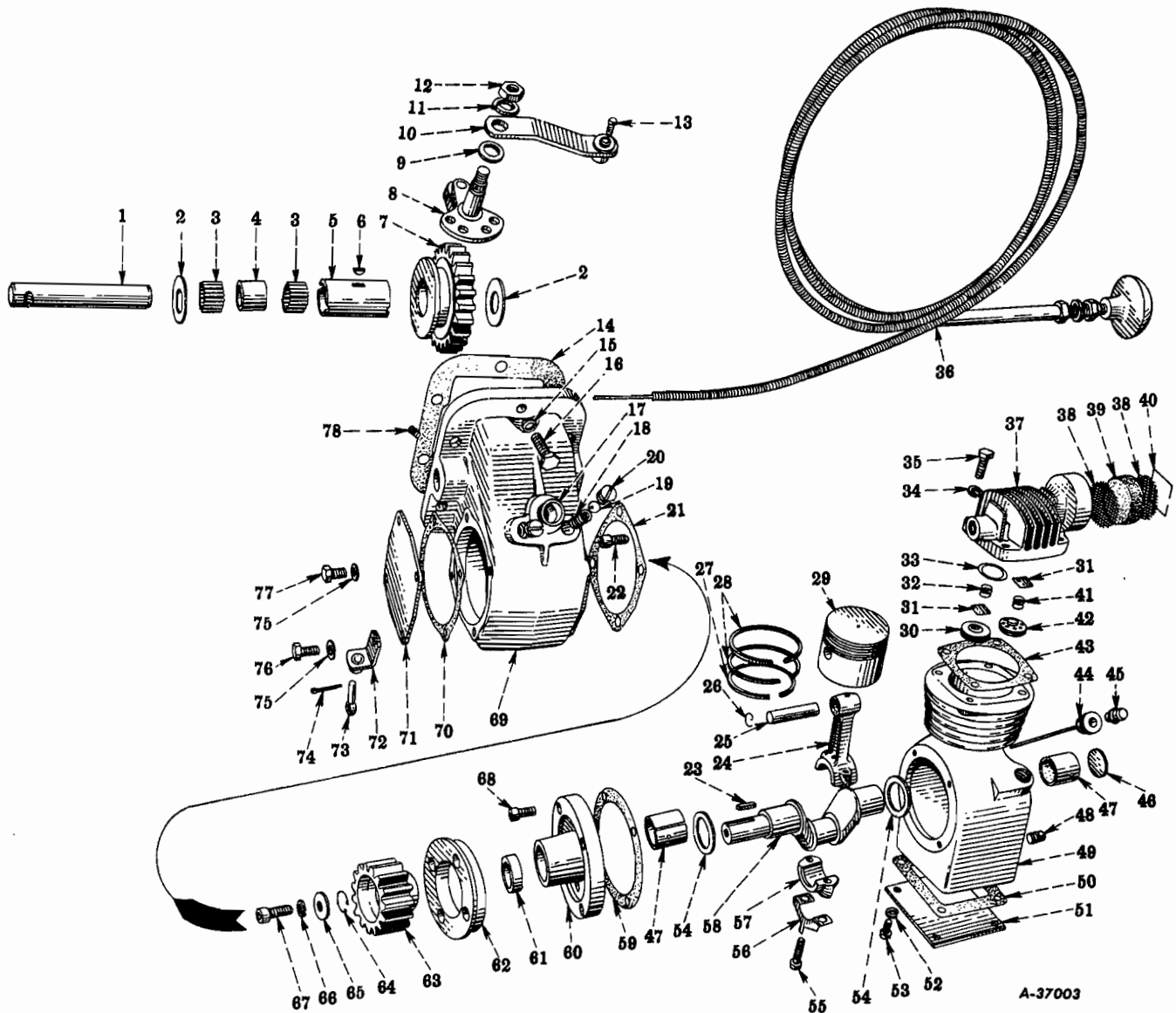


FIG. 13-28 - TIRE PUMP (Code 1361)
(R-160 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	PUMP, TIRE		
	W/GEAR HOUSING, ASM.	1	84 308 R91
	ASM.	1	89 511 R91
	HOUSING, W/GEARS, ASM.	1	92 830 R91
1	SHAFT	1	92 013 R1
2	WASHER	2	92 014 R1
3	BEARING	46	92 016 R1

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
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FIG. 13-28 — TIRE PUMP (Code 1361) - Continued

4	SPACER	1	92 015 RI
5	SLEEVE	1	92 017 RI
6	KEY	1	92 018 RI
7	GEAR (26 TEETH)	1	92 011 RI
8	LEVER, w/SHOE, PLATE AND PIVOT, ASM.	1	92 022 R9I
9	WASHER, SHIFT LEVER	1	92 024 RI
10	ARM, w/SWIVEL, ASM.	1	92 025 R9I
11	WASHER, LK., 1/2", LGT.	1	120 239
12	NUT, HEX., 1/2NF	1	103 026
13	SCREW, SET, HEX-HD., 1/4NC x 1/2"	1	102 430
14	GASKET	1	111 082 RI
15	WASHER, LK., 3/8", MED.	6	103 321
16	BOLT, HEX-HD., 3/8NC x 1-1/8"	4	181 113
16	STUD, 3/8NC x 1-5/8"	2	40 723 V
16	NUT, HEX., 3/8NC	2	218 439
17	SEAL	1	92 023 RI
18	SPRING	1	92 026 RI
19	BALL, 7/16"	1	16 014 RI
20	PLUG, PIPE, SLT., 1/4"	2	143 992
21	GASKET	1	89 509 RI
22	SCREW, ALLEN-HD., 5/16NC x 3/4"	4	138 221
23	KEY	1	89 513 RI
24	ROD, w/CAP, ASM.	1	89 496 R9I
25	PIN	1	89 503 RI
26	RING	1	89 504 RI
27	RING	1	89 502 RI
28	RING	2	89 501 RI
29	PISTON	1	89 500 RI
30	RETAINER	1	89 491 RI
31	DISC	2	89 484 RI
32	SPRING	1	89 490 RI
33	GASKET	2	90 390 RI
34	WASHER, LK., 5/16"	4	103 320
35	BOLT, HEX-HD., 5/16NC x 1"	4	181 088
36	CABLE, ASM.	1	92 827 R9I
37	HEAD, w/VALVES AND AIR CLEANER, ASM.	1	89 483 RI1
38	NOT SERVICED SEPARATELY		
39	PAD	1	89 487 RI
40	RETAINER	1	89 488 RI
41	SPRING	1	89 485 RI
42	RETAINER	1	89 486 RI
43	GASKET	1	89 492 RI
44	GAUGE	1	89 494 R9I
45	BREATHER	1	110 891 H
46	PLUG, EXPANSION, 1-1/4"	1	172 558
47	BUSHING	2	89 493 RI
48	PLUG, PIPE, SQ-HD., 1/4"	1	103 866
49	CRANKCASE	1	89 921 RI
50	GASKET	1	89 505 RI
51	PLATE	1	89 506 RI
52	WASHER, LK., 5/16", MED.	4	103 320
53	BOLT, HEX-HD., 5/16NC x 3/4"	4	181 086
54	WASHER	2	89 923 RI
55	BOLT	2	89 499 RI
56	PLATE	1	89 498 RI

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KEY	DESCRIPTION	NO. REQ'D	IN PART NUMBER
FIG. 13-28 — TIRE PUMP (Code 1361) - Continued			
57	ROD (ORDER CONNECTING ROD ASM.)	1	89 496 R91
58	CRANKSHAFT	1	89 495 F1
59	GASKET	1	89 507 R1
60	FLANGE	1	89 508 R1
61	SEAL, ASM.	1	350 892 R91
62	RETAINER	1	89 510 R1
63	GEAR (19 TEETH)	1	92 008 R1
64	RING	1	92 010 R1
65	WASHER	1	89 514 R1
66	WASHER, LK., 3/8", MED.	1	103 321
67	SCREW, ALLEN-HD., 3/8NC x 7/8"	1	217 911
68	SCREW, ALLEN-HD., 5/16NC x 5/8"	4	217 907
69	HOUSING	1	92 007 R1
70	GASKET	1	92 019 R1
71	CAP, END	1	92 020 R1
72	BRACKET, w/PUSHING, ASM.	1	92 027 R91
73	SWIVEL	1	92 028 R1
74	PIN, COTTER, 3/32 x 3/4"	1	103 373
75	GASKET	4	23 728 D
76	BOLT, HEX-HD., 5/16NC x 1-1/4"	1	182 691
77	BOLT, HEX-HD., 5/16NC x 1"	3	182 689
78	SCREW, SET, ALLEN-HD.	1	137 856 H

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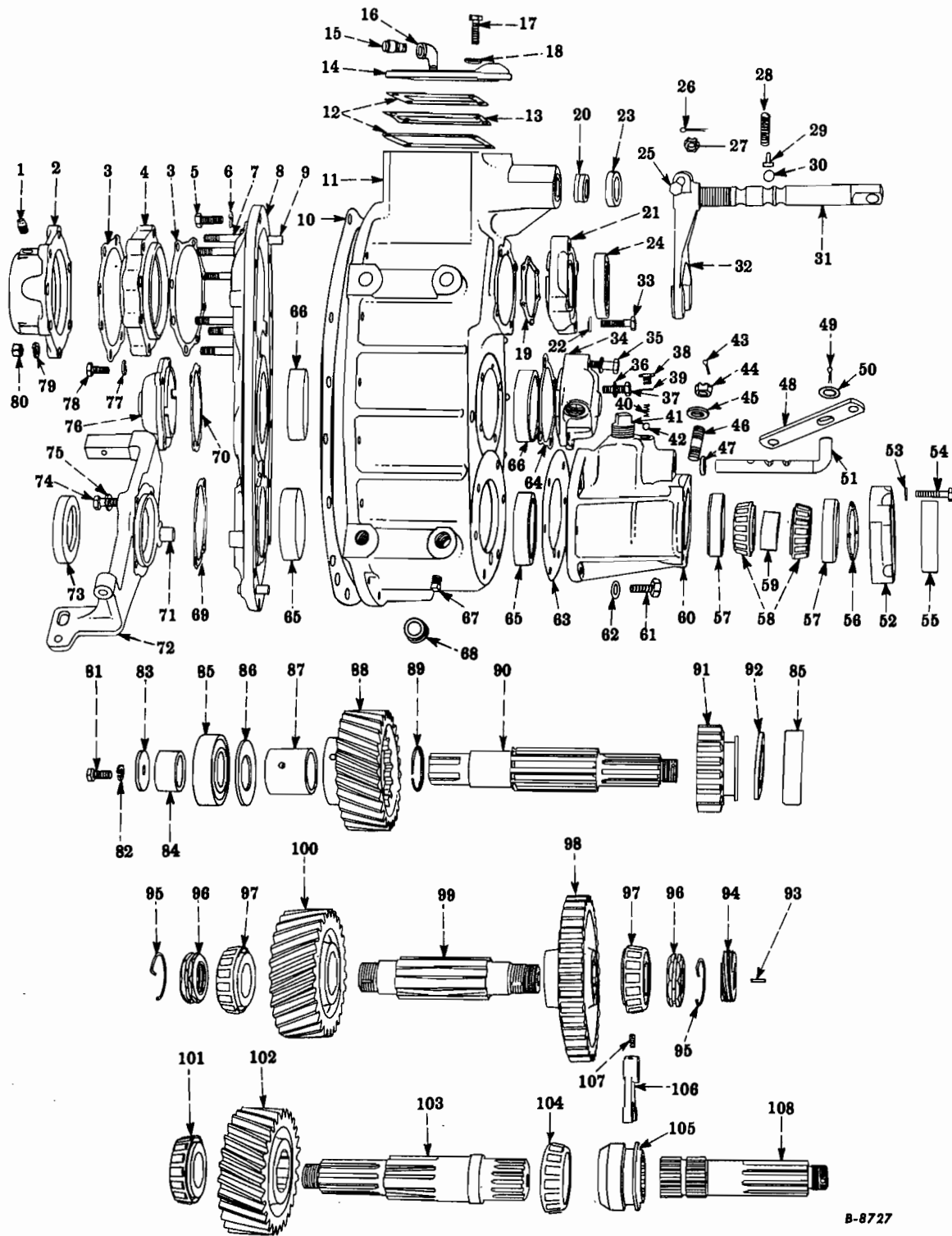


FIG. 13-29 — TRANSFER CASE (Timken, Model T-32)
(R-140-4x4, R-160-4x4 Series)

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-29 – TRANSFER CASE (Timken, Model T-32)			
	CASE, TRANSFER, w/GEARS, ASM.	1	129 581 R91
1	PLUG, PIPE, SQ-HD., 1/8"	1	103 865
2	COVER	1	131 723 R1
3	GASKET	2	131 724 R1
4	CAGE	1	131 722 R1
5	BOLT, HEX-HD., 3/8NC x 1"	16	130 304 H
6	WASHER, LK., 3/8", MED.	16	103 321
7	STUD	6	131 725 R1
8	NOT SERVICED SEPARATELY		
9	PIN	2	100 360
10	GASKET	1	131 713 R1
11	CASE, w/COVER, ASM.	1	131 711 R11
12	GASKET	2	131 715 R1
13	PLATE	1	131 716 R1
14	COVER	1	131 714 R1
15	BREATHER, ASM.	1	61 991 R91
16	ELBOW, STREET, 1/8"	1	127 960
17	BOLT, HEX-HD., 3/8NC x 3/4"	4	116 417 R1
18	WASHER, LK., 3/8", MED.	4	103 321
19	GASKET	1	131 719 R1
	SHIM		
	.003" THICK	AR	105 988 R1
	.005" THICK	AR	105 989 R1
20	SEAL	1	61 212 R1
21	RETAINER, w/SEAL, ASM.	1	131 718 R11
22	WASHER, LK., 3/8", MED.	4	103 321
23	RETAINER	1	61 213 R1
24	SEAL, ASM.	1	131 932 R91
25	BOLT, HEX-HD., 3/8NF x 1-3/4"	1	131 823 R1
26	PIN, COTTER, 3/32 x 3/4"	1	103 373
27	NUT, HEX., SLT., 3/8NF	1	125 348
28	SPRING	1	131 734 R1
29	PLUNGER	1	98 841 R1
30	BALL, 7/16"	1	16 014 R1
31	BAR	1	131 733 R1
32	FORK	1	131 732 R1
33	BOLT, HEX-HD., 3/8NC x 1-3/8"	4	131 822 R1
34	RETAINER, ASM.	1	131 738 R11
35	BOLT, HEX-HD., 3/8NC x 1-5/8"	1	131 824 R1
36	WASHER, LK., 3/8", MED.	4	103 321
37	BOLT, HEX-HD., 3/8NC x 7/8"	3	98 823 R1
38	PLUG	1	105 994 R1
39	WASHER, LK., 3/8", INT.	1	138 542
40	SPRING	1	131 763 R1
41	PLUG	1	56 070 R1
42	BALL, 5/16"	1	16 010 R1
43	PIN, COTTER, 3/32 x 1"	1	103 374
44	NUT, HEX., SLT., 1/2NF	1	131 764 R1
45	WASHER, FL., 1/2"	1	120 396
46	STUD	1	105 999 R1
47	SEAL, ASM.	1	131 751 R91
48	LEVER	1	131 764 R1

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KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
FIG. 13-29 – TRANSFER CASE (Timken, Model T-32) - Continued			
49	PIN, COTTER, 3/32 x 3/4"	1	103 373
50	WASHER	1	131 765 RI
51	BAR	1	131 762 RI
52	RETAINER, w/SEAL, ASM.	1	131 755 RI
53	WASHER, LK., 5/16", MED.	4	103 320
54	BOLT, HEX-HD., 5/16NC x 1-3/8"	4	131 825 RI
55	SEAL, ASM.	1	131 876 RI
56	GASKET	1	131 756 RI
	SHIM		
	.003" THICK	AR	131 757 RI
	.005" THICK	AR	131 758 RI
57	BEARING	2	13 822 V
58	BEARING, ASM.	2	20 879 D
59	SPACER	1	131 754 RI
60	HOUSING, ASM.	1	131 750 RI
61	BOLT, HEX-HD., 3/8NC x 1"	6	130 304 H
62	WASHER, LK., 3/8", MED.	6	103 321
63	GASKET	1	131 752 RI
64	GASKET	1	131 743 RI
	SHIM		
	.003" THICK	AR	131 739 RI
	.005" THICK	AR	131 740 RI
65	BEARING	2	54 233 H
66	BEARING	2	54 233 H
67	PLUG, PIPE, SQ-HD., 1/4"	1	112 578
68	PLUG, PIPE, SQ-HD., 3/4"	1	12 833 RI
69	GASKET	1	131 719 RI
	SHIM		
	.003" THICK	AR	105 988 RI
	.005" THICK	AR	105 989 RI
70	GASKET	1	131 719 RI
	SHIM		
	.003" THICK	AR	105 988 RI
	.005" THICK	AR	105 989 RI
71	PIN	1	129 871 RI
72	RETAINER, ASM.	1	129 824 RI
73	SEAL, ASM.	1	131 876 RI
74	BOLT, HEX-HD., 3/8NC x 1-1/2"	4	132 074 RI
75	WASHER, LK., 3/8", MED.	4	103 321
76	COVER	1	131 744 RI
77	WASHER, LK., 3/8", MED.	4	103 321
78	BOLT, HEX-HD., 3/8NC x 7/8"	4	98 823 RI
79	WASHER, LK., 3/8", MED.	6	103 321
80	NUT, HEX., 3/8NF	6	103 026
81	BOLT, HEX-HD., 3/8NC x 7/8"	1	98 823 RI
82	WASHER, LK., 3/8", MED.	1	103 321
83	WASHER, FL.	1	131 721 RI
84	SPACER	1	131 720 RI

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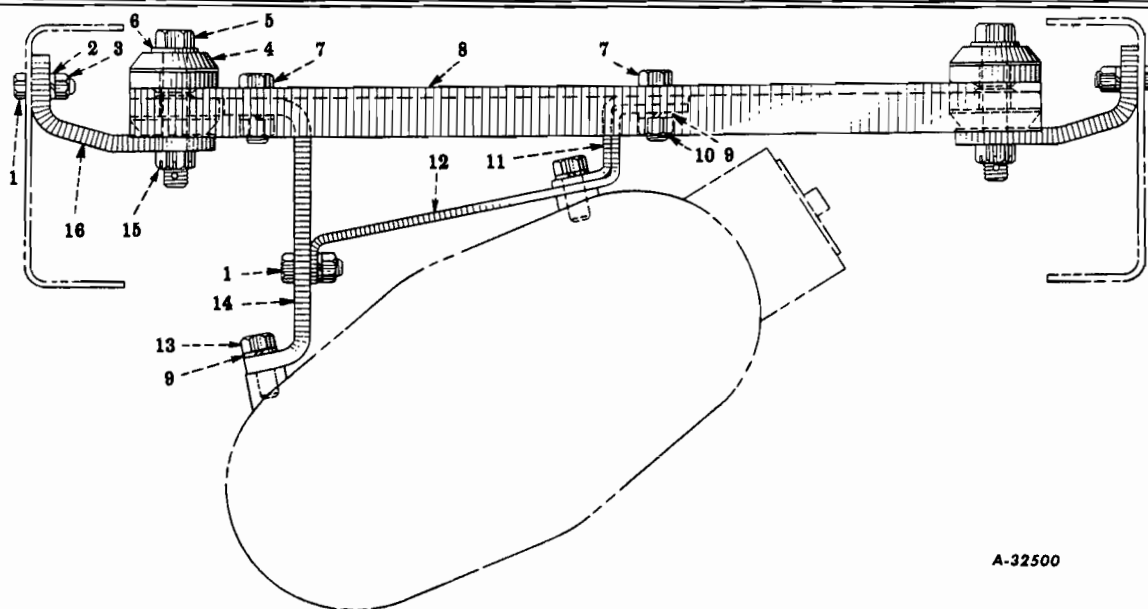
KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
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FIG. 13-29 — TRANSFER CASE (Timken, Model T-32) - Continued

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FIG. 13-30 — TRANSFER CASE MOUNTING
(R-140-4x4, R-160-4x4 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	TRANSFER CASE, ASM.	1	129 581 R91
1	BOLT, HEX-HD., 1/2NF x 1-3/4"	8	181 702
2	WASHER, LK., 1/2", MED.	8	103 323
3	NUT, HEX., 1/2NF	8	103 028
4	INSULATOR	8	80 445 R1
5	BOLT, HEX-HD., 3/4NF x 4-1/4"	4	115 371 H
6	WASHER, FL., 3/4"	4	131 017
7	BOLT, HEX-HD., SLT., 5/8NF x 1-3/4"	4	271 746
8	SUPPORT	1	129 507 R1
9	WASHER, LK., 5/8", MED.	8	121 574
10	NUT, HEX., 5/8NF	4	121 358
11	REINFORCEMENT		
	R-140 - 4 x 4 SERIES	1	129 511 R1
	R-160 - 4 x 4 SERIES	1	129 505 R1
12	BRACE		
	R-140 - 4 x 4 SERIES	1	129 513 R1
	R-160 - 4 x 4 SERIES	1	129 506 R1
13	BOLT, HEX-HD., 5/8NC x 1-1/2"	4	271 547
14	HANGER		
	R-140 - 4 x 4 SERIES	1	129 512 R1
	R-160 - 4 x 4 SERIES	1	129 504 R1
15	NUT, HEX., SLT.	4	272 334
	PIN, COTTER, 1/8 x 1-1/2"	4	137 204
16	HANGER	2	129 510 R1

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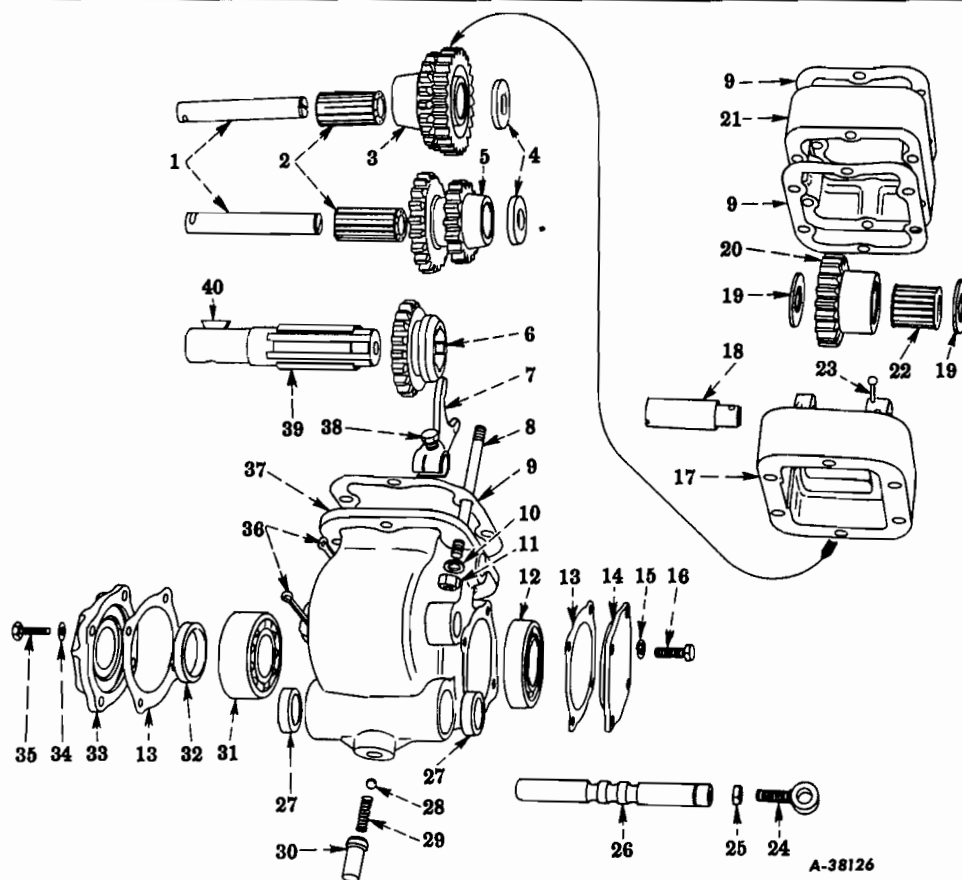


FIG. 13-31 — TRANSMISSION POWER TAKE-OFF
(For Winch, Codes 5376, 6602, 6604)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	POWER TAKE OFF, ASM.	1	122 900 R91
1	SHAFT	2	131 576 H
2	BEARING, ASM.	2	131 577 H
3	GEAR	1	126 255 R1
4	WASHER	2	126 126 R1
5	GEAR	1	126 124 R1
6	GEAR	1	126 125 R1
7	FORK	1	126 123 R1
8	STUD	6	128 401 R1
9	GASKET	3	128 400 R1
10	WASHER, L.K., 3/8", MED.	6	103 321
11	NUT, HEX., 3/8NF	6	103 026
12	BEARING, ASM.	1	ST 205 A
13	GASKET	2	76 489 H
14	COVER	1	76 493 H
15	WASHER, L.K., 5/16", MED.	4	103 320
16	BOLT, HEX-HD., 5/16NC x 1"	4	181 088
17	ADAPTER, w/GEAR, ASM.	1	122 917 R91
18	SHAFT	1	131 678 R1

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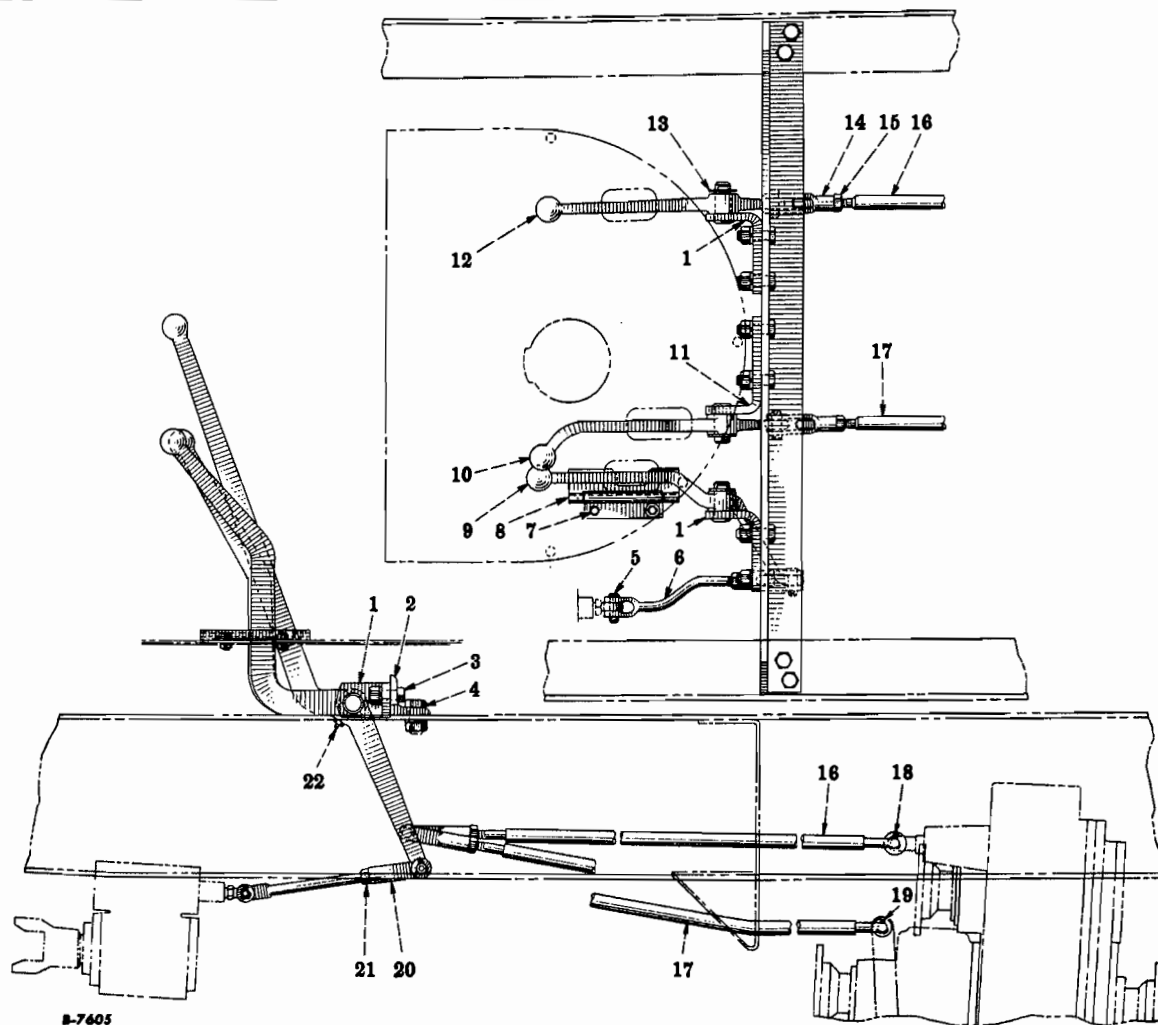


FIG. 13-32 — TRANSFER CASE AND TRANSMISSION POWER TAKE-OFF CONTROLS
(R-140-4x4, R-160-4x4 Series)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
1	BRACKET, ASM.	2	122 800 R11
2	SUPPORT	1	122 907 R1
3	BOLT, HEX-HD., 1/2NF x 1-1/2"	6	181 700
	NUT, HEX., 1/2NF	6	103 028
	WASHER, LK., 1/2", MED.	6	103 323
4	BOLT, HEX-HD., 1/2NF x 1-1/4"	4	181 698
	NUT, HEX., 1/2NF	4	103 028
	WASHER, LK., 1/2", MED.	4	103 323
5	PIN		
	ROD END	4	138 079
	COTTER, 3/32 x 3/4"	4	121 222
6	ROD, ASM.	1	122 908 R11

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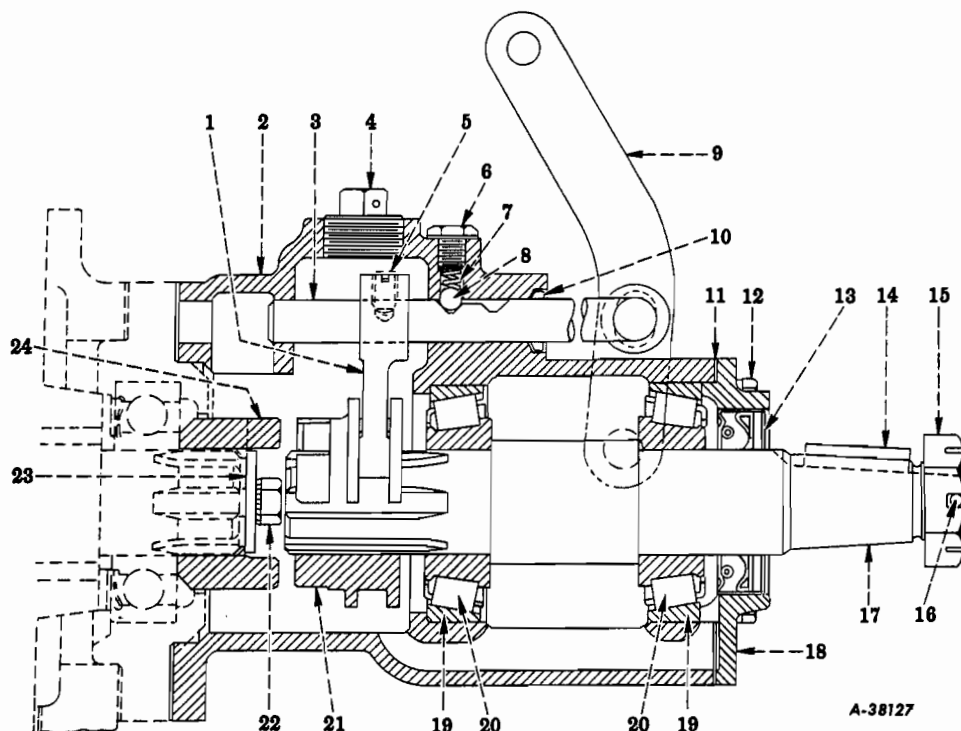


FIG. 13-33 — TRANSFER CASE POWER TAKE-OFF (Code 1392)

KEY	DESCRIPTION	NO. REQ'D	I H PART NUMBER
	POWER TAKE OFF, ASM.	1	132 698 R91
1	FORK	1	131 761 R1
2	CASE	1	139 770 R1
	PLUG, PIPE, 1/8", SLTD.	1	103 883
3	SHAFT	1	139 771 R1
	PIN, COTTER, 3/32 x 1"	1	121 224
	WASHER, FL., 37/64" I.D. x 15/16" O.D.	1	131 765 R1
4	PLUG, PIPE, 3/4"	1	56 070 R1
5	SCREW, SET	1	105 992 R1
6	SCREW	1	105 994 R1
	WASHER, LK., 3/8", INT.	1	138 542
7	SPRING	1	105 993 R1
8	BALL	1	16 010 R1
9	LEVER	1	139 772 R1
	NUT, HEX., 1/2NF	1	125 250
	STUD	1	105 999 R1
	WASHER, FL.	1	120 396
	PIN, COTTER, 3/32 x 1"	1	121 224
10	SEAL, ASM.	1	131 751 R91

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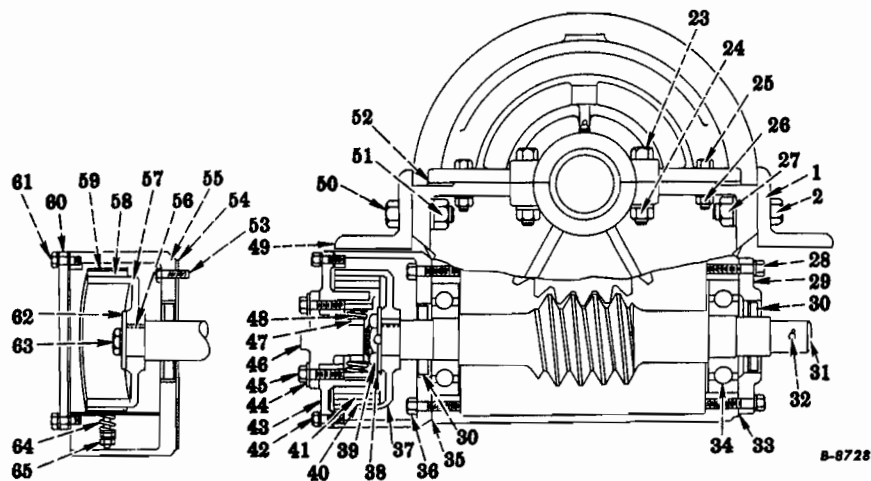
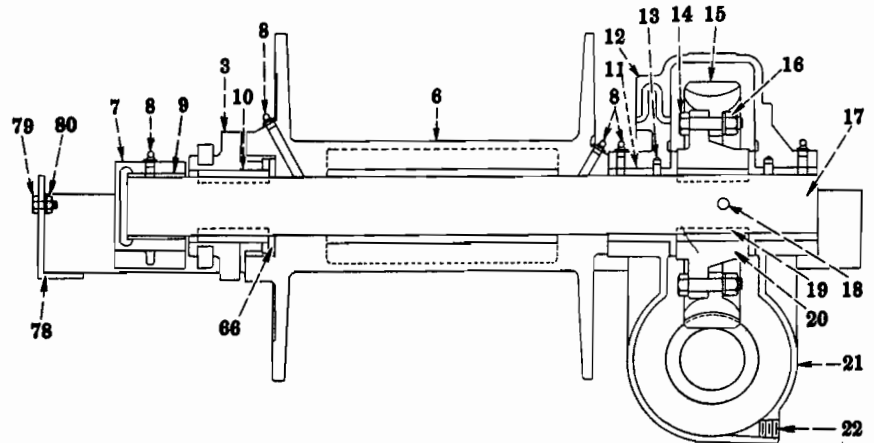
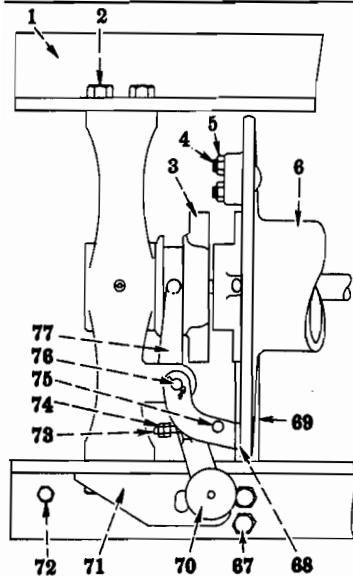


FIG. 13-34 - WINCH, FRONT MOUNTED
(R-140-4x4 Series - Model 12-G, Code 6602) (R-160-4x4 Series - Model 18-G, Code 6604)

KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		CODE 6602	CODE 6604	
1	ANGLE			
	R-140 - 4 x 4 SERIES	1		128 345 R1
	R-160 - 4 x 4 SERIES		1	128 358 R1
2	BOLT, HEX-HD.			
	1/2NF x 1-1/4"	4		182 778
	5/8NF x 2"		4	271 905
3	CLUTCH			
	R-140 - 4 x 4 SERIES	1		128 346 R1
	R-160 - 4 x 4 SERIES		1	133 587 H
4	BOLT-U			
	R-140 - 4 x 4 SERIES	1		128 353 R1
	R-160 - 4 x 4 SERIES		1	140 698 H

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		CODE 6602	CODE 6604	

FIG. 13-34 — WINCH, FRONT MOUNTED - Continued

5	NUT, HEX., 7/16NC	2	2	427 319
6	DRUM			
	R-140 - 4 x 4 SERIES	1		128 334 RI
	R-160 - 4 x 4 SERIES		1	140 243 H
7	BRACKET			
	R-140 - 4 x 4 SERIES	1		128 361 RI
	R-160 - 4 x 4 SERIES		1	133 577 HA
8	LUBRICATOR	5	5	138 322 H
9	BUSHING			
	R-140 - 4 x 4 SERIES	1		128 354 RI
	R-160 - 4 x 4 SERIES		1	133 584 H
10	KEY	2	2	133 588 H
11	BUSHING			
	R-140 - 4 x 4 SERIES	2		128 355 RI
	R-160 - 4 x 4 SERIES		2	133 585 H
12	COVER			
	R-140 - 4 x 4 SERIES	1		128 360 RI
	R-160 - 4 x 4 SERIES		1	133 579 HA
13	PIN	2	2	133 586 H
14	BOLT, HEX-HD., 1/2NF x 2"		8	182 782
15	GEAR			
	R-140 - 4 x 4 SERIES	1		128 329 RI
	R-160 - 4 x 4 SERIES		1	133 601 H
16	NUT, HEX., 1/2NF		8	120 371
	WASHER, LK., 1/2", MED.		8	103 323
17	SHAFT			
	R-140 - 4 x 4 SERIES	1		128 335 RI
	R-160 - 4 x 4 SERIES		1	133 583 H
18	SCREW, SET	1		113 033
	PIN, 3/8 x 5"		1	17 177 RI
19	KEY			
	R-140 - 4 x 4 SERIES	2		128 379 RI
	R-160 - 4 x 4 SERIES		2	133 588 H
20	HUB		1	128 332 RI
21	HOUSING			
	R-140 - 4 x 4 SERIES	1		128 324 RI
	R-160 - 4 x 4 SERIES		1	133 578 H
22	PLUG, PIPE, CTSK-HD., 1/2"	3	3	112 715

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		CODE 6602	CODE 6604	

FIG. 13-34 — WINCH, FRONT MOUNTED - Continued

23	BOLT, HEX-HD. 3/8NF x 1-1/2" 1/2NF x 2-1/2"	4	4	182 726 182 784
24	NUT, HEX. 3/8NF 1/2NF WASHER, LK. 3/8", MED. 1/2", MED.	4	4	103 026 103 028 103 321 103 323
25	BOLT, HEX-HD., 3/8NF x 1-1/2"	4	4	182 726
26	NUT, HEX., 3/8NF WASHER, LK., 3/8", MED.	4	4	103 026 103 321
27	NUT, HEX. 1/2NF 5/8NF	4	4	103 028 103 030
28	BOLT, HEX-HD. 3/8NC x 1-1/4" 3/8NC x 1-1/2" WASHER, LK., 3/8", MED.	4	6	181 111 181 116 103 321
29	CAP R-140 - 4 x 4 SERIES R-160 - 4 x 4 SERIES	1	1	128 344 RI 133 608 H
30	SEAL, ASM.	2	2	133 607 H
31	GEAR R-140 - 4 x 4 SERIES R-160 - 4 x 4 SERIES	1	1	128 330 RI 128 320 RI
32	PIN, SHEAR R-140 - 4 x 4 SERIES R-160 - 4 x 4 SERIES PIN, COTTER, 3/32 x 2" R-140 - 4 x 4, R-160 - 4 x 4 SERIES	3	3	128 374 RI 128 381 RI 103 378
33	GASKET R-140 - 4 x 4 SERIES R-160 - 4 x 4 SERIES	1	1	128 356 RI 133 609 H
34	BEARING R-140 - 4 x 4 SERIES R-160 - 4 x 4 SERIES	2	2	128 350 RI 133 606 H
35	GASKET		1	133 609 H
36	BOLT, HEX-HD., 3/8NC x 1-1/2" WASHER, LK., 3/8", MED.		6	181 116 103 321
37	DRUM		1	133 611 H

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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		CODE 6602	CODE 6604	

FIG. 13-34 — WINCH, FRONT MOUNTED - Continued

38	WASHER		1	133 614 H
39	NUT		1	133 613 H
40	LINING		2	128 282 H
	RIVET		12	133 656 H
41	SHOE, w/LINING, ASM.		2	128 279 R91
42	BOLT, HEX-HD., 5/16NC x 3/4"		8	181 086
	WASHER, LK., 5/16", MED.		8	103 320
43	CAP		1	133 620 H
44	WASHER, FL., 3/8"		2	118 666
45	BOLT, HEX-HD., 3/8NC x 1"		2	181 112
46	CAM		1	133 621 H
47	BAR		2	133 618 H
	PIN		2	17 176 R1
48	SPRING		4	133 619 H
49	ANGLE			
	R-140 - 4 x 4 SERIES	1		128 357 R1
	R-160 - 4 x 4 SERIES		1	128 341 R1
50	BOLT, HEX-HD.			
	1/2NF x 1-3/4"	4		182 780
	5/8NF x 2"		4	271 905
51	NUT, HEX., 1/2NF	4		103 028
	WASHER, LK., 1/2", MED.	4		103 323
	NUT, HEX., 5/8NF		4	103 030
	WASHER, LK., 5/8", MED.		4	103 325
52	GASKET			
	R-140 - 4 x 4 SERIES	1		128 359 R1
	R-160 - 4 x 4 SERIES		1	133 580 H
53	BOLT, HEX-HD., 3/8NC x 1-1/4"	4		181 114
	WASHER, LK., 3/8", MED.	4		103 321
54	GASKET	1		128 356 R1
55	HOUSING	1		128 336 R1
56	KEY	1		133 612 H
57	DRUM	1		128 343 R1
58	LINING	1		129 178 R1
	RIVET	6		129 179 R1
59	BAND, ASM.	1		129 175 R91
60	CAP	1		128 348 R1
61	BOLT, HEX-HD., 5/16NC x 3/4"	4		181 086
	WASHER, LK., 5/16", MED.	4		103 320

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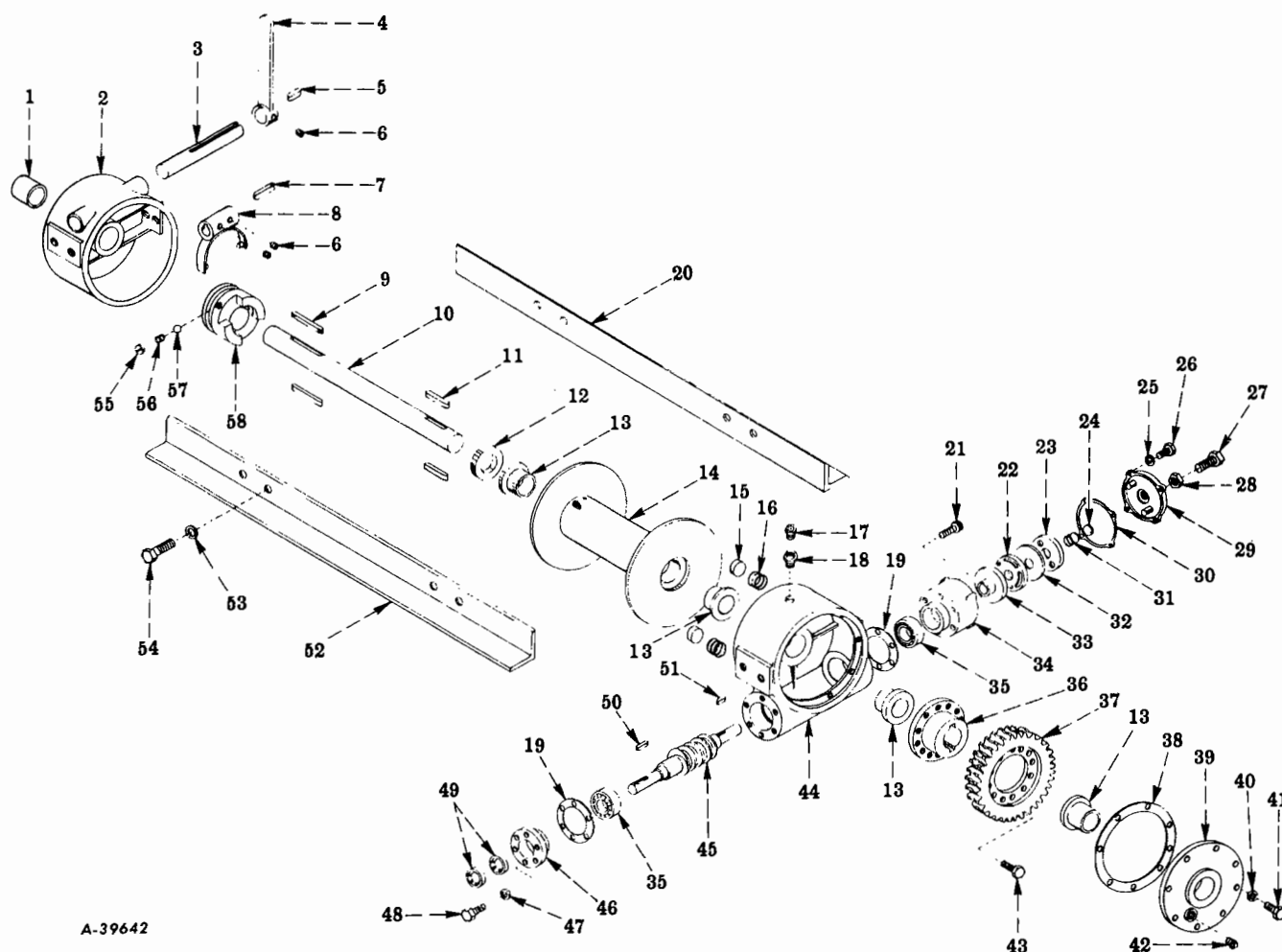
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KEY	DESCRIPTION	NO. REQ'D		I H PART NUMBER
		CODE 6602	CODE 6604	
FIG. 13-34 — WINCH, FRONT MOUNTED - Continued				
62	WASHER	1		52 306 RI
63	BOLT, HEX-HD., 3/8NF x 1"	1		182 718
	WASHER, LK., 3/8", MED.	1		103 321
64	SPRING	1		128 376 RI
65	NUT, HEX., 5/16NF	4		103 025
	WASHER, FL., 5/16"	2		12 201 RI
66	WASHER			
	R-140 - 4 x 4 SERIES	1		128 365 RI
	R-160 - 4 x 4 SERIES		1	133 589 H
67	BOLT, HEX-HD., 1/2NF x 1-3/4"	2	4	182 780
	NUT, HEX., 1/2NF	2	4	103 028
	WASHER, LK., 1/2", MED.	2	4	103 323
68	SHOE, w/LINING, ASM.			
	R-140 - 4 x 4 SERIES	1		128 318 RI
	R-160 - 4 x 4 SERIES		1	128 315 RI
	LINING	1	1	133 597 H
	RIVET	2	2	128 317 RI
69	GUARD			
	R-140 - 4 x 4 SERIES	1		128 347 RI
	R-160 - 4 x 4 SERIES		1	133 622 H
70	KNOB	1	1	133 594 H
	LATCH	1	1	133 593 H
	SPRING	1	1	133 595 H
71	BRACKET			
	R-140 - 4 x 4 SERIES	1		128 362 RI
	R-160 - 4 x 4 SERIES		1	129 177 RI
72	BOLT, HEX-HD., 1/2NF x 1-1/4"	4		182 776
	NUT, HEX., 1/2NF	4		103 028
	WASHER, LK., 1/2", MED.	4		103 323
	BOLT, HEX-HD., 7/16NF x 1-1/4"		4	182 757
	NUT, HEX., 7/16NF		4	103 027
	WASHER, LK., 7/16", MED.		4	103 322
73	ROD	1	1	133 599 H
	SPRING	1	1	133 600 H
	WASHER, FL., 1/4"	1	1	446 178
74	NUT, HEX., 1/4NF	2	2	103 024
75	PIN, RD-HD., 1/2 x 2"	1	1	133 598 H
	COTTER, 1/16 x 3/4"	1	1	137 146
76	PIN, 1/2 x 3-1/4"	1	1	133 592 H
	COTTER, 1/8 x 1"	1	1	103 385

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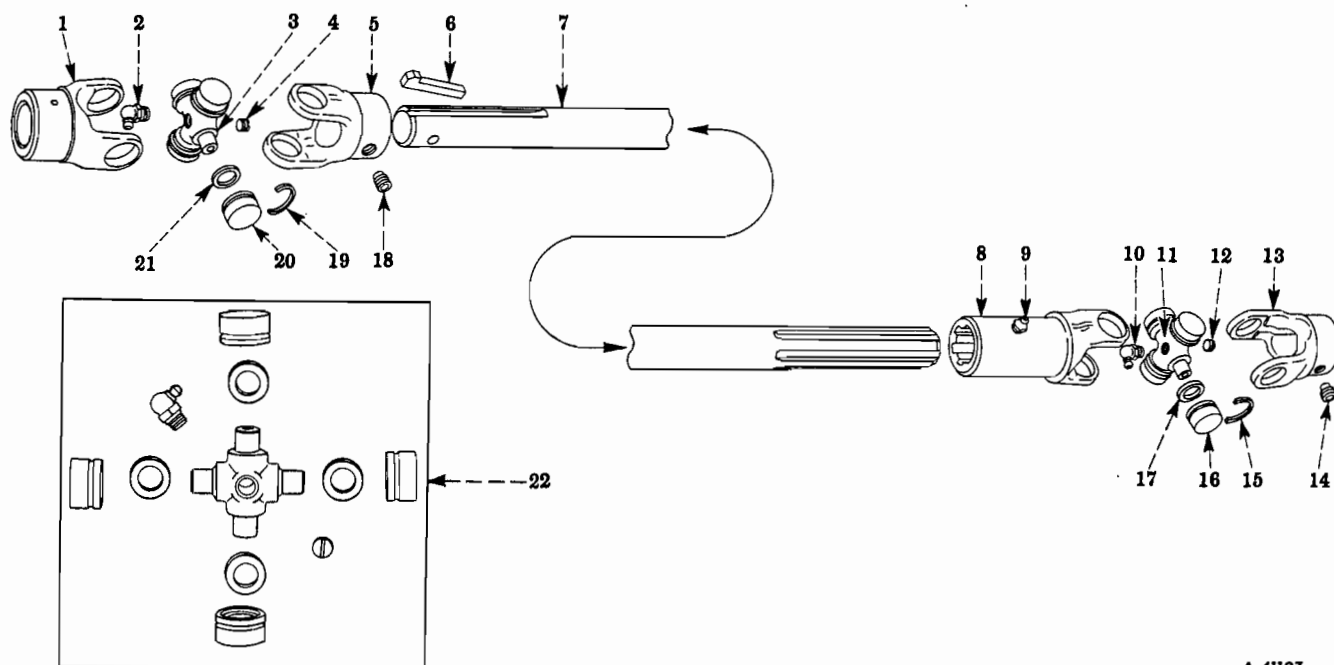
FIG. 13-34A — WINCH (Ramsey Model 700, Code 5375)

KEY	DESCRIPTION	I H PART NUMBER
	KIT, WINCH, ASM. (INCLUDES FRAME, BUMPER AND DRIVE LINE ASSEMBLY)	135 935 R91
	WINCH, ASM.	153 115 R91
1	BUSHING	141 739 R1
2	HOUSING, CLUTCH	141 738 R1
3	SHAFT	141 742 R1
4	LEVER	141 743 R1
5	KEY	141 744 R1
6	SCREW, SET, 5/16NC x 3/8"	222 460
7	KEY	141 741 R1
8	YOKE	141 740 R1
9	KEY	141 734 R1
10	SHAFT	141 732 R1
11	KEY	141 733 R1

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FIG. 13-35 — WINCH DRIVE SHAFT (For Winch Codes 6602, 6604)
(R-140-4x4, R-160-4x4)

KEY	DESCRIPTION	WINCH CODE		I H PART NUMBER
		6602	6604	
1	YOKE			
		X		132 106 R1
			X	148 861 R1
2	LUBRICATOR, 1/8", 90°	X	X	109 354
3	SPIDER (ORDER KIT)			
4	PLUG, PIPE, SLT., 1/8"	X	X	20 059 VA
5	YOKE	X	X	132 107 R1
6	KEY	X	X	105 026 H
7	SHAFT	X	X	122 909 R1
8	YOKE	X	X	132 081 R1
9	LUBRICATOR, 1/8", STGHT.	X	X	119 512
10	LUBRICATOR, 1/8", 90°	X	X	109 354
11	SPIDER (ORDER KIT)			
12	PLUG, PIPE, SLT., 1/8"	X	X	20 059 VA
13	YOKE	X	X	132 080 R1
14	SCREW, SET, HEX., SOCKET, 1/2NC x 1/2"	X	X	453 111
15	RING, SNAP	X	X	M 32 991
16	BEARING (ORDER KIT)			
17	WASHER (CORK)	X	X	M 32 994
18	SCREW, SET, HEX. SOCKET, 1/2NC x 1/2"	X	X	453 111
19	RING, SNAP	X	X	M 32 991
20	BEARING (ORDER KIT)			
21	WASHER (CORK)	X	X	M 32 994
22	KIT, REPAIR, UNIVERSAL JOINT	X	X	132 083 R91

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