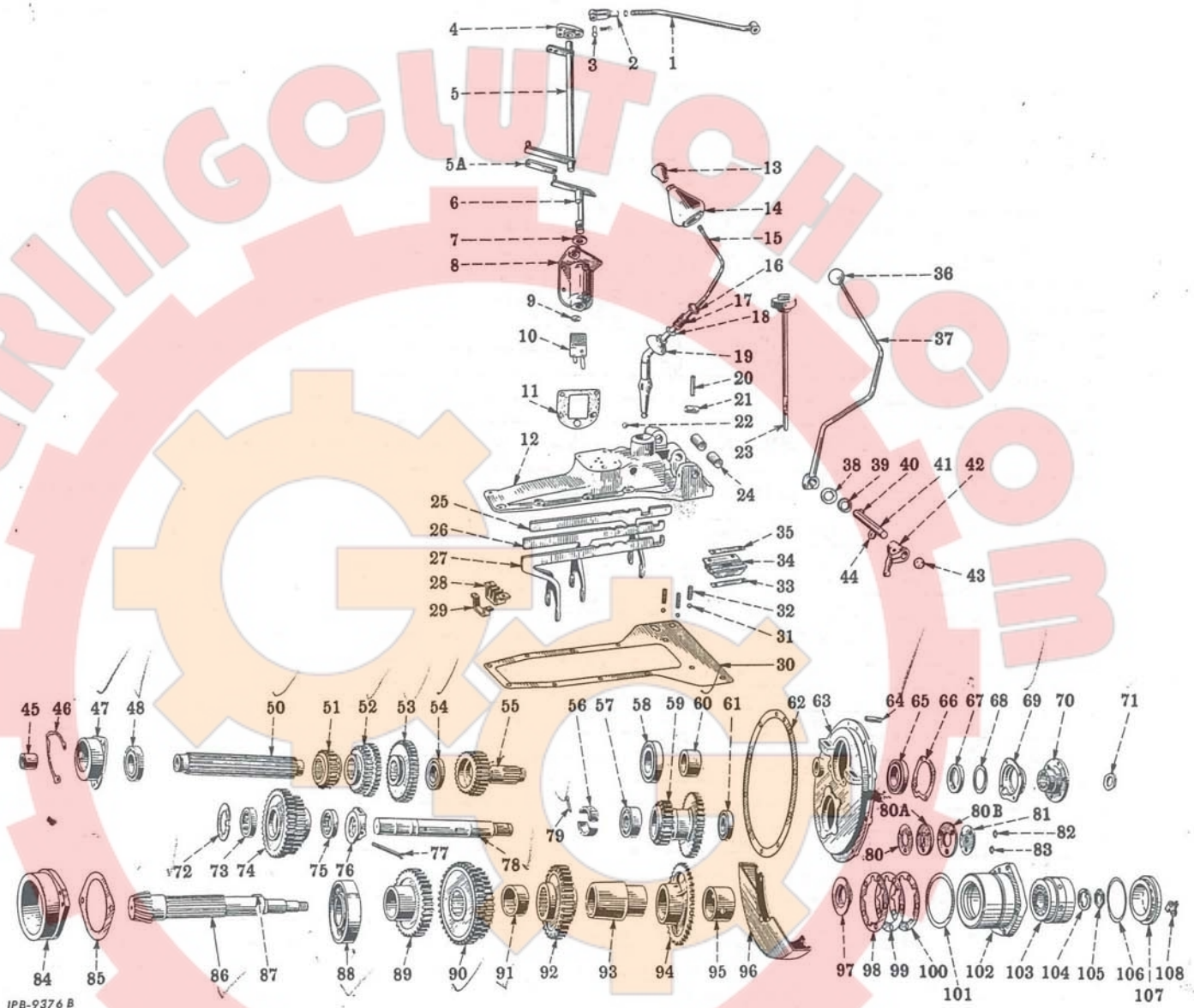




CHASSIS

GEAR SHIFTER MECHANISM AND TRANSMISSION



IPB-9376 B

REF. NO.	PART NUMBER	DESCRIPTION	SERIAL NUMBER	NO. REQ'D
1	272 311 R11	ROD, CONNECTING, GEAR SHIFTER LOCK SHAFT		1
2	117 825	YOKE, GEAR SHIFTER LOCK SHAFT ROD		1
3	103 497	PIN, GEAR SHIFTER LOCK SHAFT ROD YOKE		1
	103 373	PIN, COTTER, 3/32 x 3/4"		1
4	9 783 DA	BRACKET, GEAR SHIFTER LOCK SHAFT		1
	179 838	SCREW, CAP, HEX-HD., 3/8-16NC x 7/8"		2
	103 321	WASHER, LOCK, 3/8"		2

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REF. NO.	PART NUMBER	DESCRIPTION	SERIAL NUMBER	NO. REQ'D
GEAR SHIFTER MECHANISM AND TRANSMISSION—Continued				
5	272 440 R11	SHAFT, LOCK GEAR SHIFTER, w/LEVER AND PIN		1
	103 373	PIN, COTTER, 3/32 x 3/4"		1
5A	272 310 R1	LINK, GEAR SHIFTER LOCKSHAFT TO LOCK CAMSHAFT		1
6	272 304 R11	SHAFT, GEAR SHIFTER LOCK CAM, AND GEAR		1
	103 373	PIN, COTTER, 3/32 x 3/4"		1
7	273 580 R91	OIL SEAL, GEAR SHIFTER LOCK CAM <i>Use 124633R91</i>		1
8	272 303 R11	HOUSING, GEAR SHIFTER LOCK CAM, w/SEAL, 273 580 R91 AND PLUG, 172 545		1
	179 816	SCREW, CAP, HEX-HD., 5/16-18NC x 3/4"		1
	179 839	SCREW, CAP, HEX-HD., 3/8-16NC x 1"		4
	103 320	WASHER, LOCK, 5/16"		1
	103 321	WASHER, LOCK, 3/8"		4
9	172 545	PLUG, GEAR SHIFTER LOCK CAMSHAFT		1
10	69 071 DAX	PLATE, GEAR SHIFTER LOCK PIN		1
11	69 080 D	GASKET, GEAR SHIFTER LOCK CAM HOUSING		1
12	272 302 R91	HOUSING, GEAR SHIFTER, w/TWO PLUGS, 172 529, ONE PLUG, 172 545 AND AND FOUR BUSHINGS, 272 301 R1		4
	172 545	PLUG, 1" (EXPANSION)		1
	172 529	PLUG, 5/8" (EXPANSION)		2
	179 838	SCREW, CAP, HEX-HD., 3/8-16NC x 7/8"		4
	179 840	SCREW, CAP, HEX-HD., 3/8-16NC x 1-1/8"		2
	179 885	SCREW, CAP, HEX-HD., 1/2-13NC x 1-1/2"		6
	103 321	WASHER, LOCK, 3/8"		6
	103 323	WASHER, LOCK, 1/2"		6
13	264 055 R2	BALL, GEAR SHIFT LEVER		1
14	64 603 DA	BOOT, GEAR SHIFTER		1
15	272 312 R11	LEVER, GEAR SHIFT, w/TWO PLUGS, 172 529		1
16	11 373 D	STOP, UPPER, GEAR SHIFTER SWIVEL HOUSING SHIELD SPRING		1
	104 073	RIVET, IRON, RD-HD., 3/16 x 1-1/4"		1
17	29 547 D	SPRING, GEAR SHIFTER SWIVEL HOUSING SHIELD		1
18	17 700 D	STOP, LOWER, GEAR SHIFTER SWIVEL HOUSING SHIELD SPRING		1
19	355 889 R2	SHIELD, GEAR SHIFT SWIVEL HOUSING SHIELD		1
20	256 919 R11	SHAFT, SMALL, GEAR SHIFT LEVER SWIVEL, w/PLUGS, 172 529		1
21	256 918 R11	SHAFT, LARGE, GEAR SHIFT LEVER SWIVEL, w/PLUGS, 172 529		1
22	172 529	PLUG, EXPANSION, 5/8" DIAMETER, GEAR SHIFT LEVER SWIVEL SHAFT		2
23	50 090 DB	ROD, TRANSMISSION OIL LEVEL, w/PLUG AND SHIELD	TD-142-41551 TO 43427	1
23	276 800 R11	ROD, TRANSMISSION OIL LEVEL, w/PLUG AND SHIELD	TD-142-43428 UP	1
24	272 301 R1	BUSHING, GEAR SHIFTER HOUSING		4



REF. NO.	PART NUMBER	DESCRIPTION	SERIAL NUMBER	NO. REQ'D
GEAR SHIFTER MECHANISM AND TRANSMISSION—Continued				
25	69 109 DA	RAIL, HI-LO SHIFT, AND FORK		1
26	69 111 DA	RAIL, 2ND AND 3RD GEAR SHIFT, AND FORK		1
27	69 110 DC	RAIL, LOW AND REVERSE GEAR SHIFT, AND FORK		1
28	42 518 D	GUIDE, REAR, GEAR SHIFTER RAIL, W/SUPPORT AND RIVET		1
	179 837	SCREW, CAP, HEX-HD., 3/8-16NC x 3/4"		4
29	62 780 D	LOCK, GEAR SHIFTER RAIL GUIDE SUPPORT REAR BOLT		1
29	62 780 DX	LOCK, GEAR SHIFTER RAIL GUIDE BOLT, 62 780 D, 62 781 D AND 62 782 D		1
30	272 532 R1	GASKET, GEAR SHIFTER HOUSING		1
31	31 326 H	BALL, 3/4" DIAMETER, GEAR SHIFTER RAIL POPPET		3
32	69 069 D	SPRING, GEAR SHIFTER RAIL POPPET BALL		3
33	62 782 D	LOCK, R.H., GEAR SHIFTER RAIL GUIDE FRONT BOLT		1
34	42 517 D	GUIDE, FRONT, GEAR SHIFTER RAIL, W/SUPPORT AND RIVETS		1
	179 837	SCREW, CAP, HEX-HD., 3/8-16NC x 3/4"		4
		RIVET, STEEL, CSK-HD., No. 9, 7/4" x 1/2"		2
35	62 781 D	LOCK, L.H., GEAR SHIFTER RAIL GUIDE FRONT BOLT		1
36	264 055 R2	BALL, HI-LO GEAR SHIFTER LEVER		1
37	272 314 R1	LEVER, HI-LO GEAR SHIFTER		1
	179 886	SCREW, CAP, HEX-HD., 1/2-13NC x 1-5/8"		1
	103 323	WASHER, LOCK, 1/2"		1
38	64 609 D	WASHER, HI-LO GEAR SHIFTER ARM SHAFT		1
39	273 580 R91	OIL SEAL, HI-LO GEAR SHIFTER ARM SHAFT		1
40	106 751	KEY, WOODRUFF No. 9, HI-LO GEAR SHIFTER LEVER		1
41	272 333 R1	SHAFT, HI-LO GEAR SHIFTER ARM		1
42	64 606 D	ARM, HI-LO GEAR SHIFTER		1
	181 429	SCREW, CAP, HEX-HD., 1/2-20NF x 1-1/4"		1
	103 323	WASHER, LOCK, 1/2"		1
43	172 545	PLUG, HI-LO GEAR SHIFTER ARM SHAFT		1
44	64 608 D	KEY, HI-LO GEAR SHIFTER ARM		1
	64 604 D	CLAMP, GEAR SHIFTER BOOT		1
	126 152	FITTING, LUBRICATION GEAR SHIFTER HOUSING BUSHING (LINCOLN 5200) (OPTIONAL WITH 173 102)		2
	173 102	FITTING, LUBRICATION GEAR SHIFTER HOUSING BUSHING (ALEMITE 1688) (OPTIONAL WITH 126 152)		2
	109 461	LUBRICATOR, GEAR SHIFTER LOCK CAMSHAFT (LINCOLN 5000)		3
	119 512	LUBRICATOR, GEAR SHIFTER LOCK SHAFT (LINCOLN 1610)		3



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REF. NO.	PART NUMBER	DESCRIPTION	SERIAL NUMBER	NO. REQ'D
TRANSMISSION (Ball Bearing) (6 Speeds Forward, 2 Reverse)				
45	50 025 D	BUSHING, POWER TAKE-OFF SHAFT		1
46	277 064 R1	SHIM, HEAVY, TRANSMISSION SPLINE SHAFT REAR BEARING CAGE		X
46	277 065 R1	SHIM, LIGHT, TRANSMISSION SPLINE SHAFT REAR BEARING CAGE		X
47	272 979 R1	CAGE, TRANSMISSION SPLINE SHAFT BEARING REAR		1
	179 839	SCREW, CAP, HEX-HD., 3/8-16NC x 1"		3
	103 321	WASHER, LOCK, MEDIUM, 3/8"		3
48	272 977 R91	BEARING, REAR, TRANSMISSION SPLINE SHAFT		1
50	52 376 DAX	SHAFT, TRANSMISSION SPLINE, w/BUSHING, 50 025 D		1
51	52 375 DA	GEAR, SLIDING, REVERSE, 1ST AND 4TH SPEED, 23 TEETH		1
52	251 322 R1	GEAR, SLIDING, 2ND, 3RD, 5TH AND 6TH SPEED, 27 AND 31 TEETH (NOT USED WITH 3RD AND 6TH SPEED TRANSMISSION ATTACHMENT)		1
53	251 324 R1	GEAR, SLIDING, HI-LO RANGE, 37 AND 26 TEETH		1
54	272 976 R91	BEARING, TRANSMISSION SPLINE SHAFT, FRONT		1
55	259 463 R21	SHAFT, TRANSMISSION DRIVING AND GEAR, w/PLUG, 259 464 R1		1
56	56 470 D	RETAINER, HI-LO RANGE IDLER REAR BEARING		2
57	ST 278	BEARING, REAR, HI-LO RANGE IDLER BEARING		1
58	272 978 R91	BEARING, REAR, TRANSMISSION DRIVING SHAFT		1
59	251 325 R1	GEAR, HI-LO RANGE IDLER, 22 AND 33 TEETH		1
60	50 082 DA	SPACER, TRANSMISSION DRIVING SHAFT BEARING		1
61	ST 214	BEARING, FRONT, HI-LO RANGE IDLER GEAR		1
62	50 085 D	GASKET, TRANSMISSION END COVER		1
63	271 895 R1	COVER, TRANSMISSION END		1
	103 028	NUT, HEX., 1/2-20NF		4
	179 885	SCREW, CAP, HEX-HD., 1/2-13NC x 1-1/2"		6
	103 323	WASHER, LOCK, MEDIUM, 1/2"		10
64	18 585 DA	PIN, DOWEL, TRANSMISSION END COVER		1
65	ST 269 A	BEARING, FRONT, TRANSMISSION DRIVING SHAFT		1
66	260 189 R1	GASKET, TRANSMISSION DRIVING SHAFT BEARING RETAINER		1
67	273 579 R91	OIL SEAL, TRANSMISSION DRIVING FLANGE (OPTIONAL WITH 268 694 R91)		1
67	268 694 R91	OIL SEAL, TRANSMISSION DRIVING FLANGE (OPTIONAL WITH 273 579 R91)		1
68	53 709 D	FELT, TRANSMISSION DRIVING FLANGE OIL SEAL		1
69	260 188 R11	RETAINER, FRONT, TRANSMISSION DRIVING SHAFT BEARING		1
	179 839	SCREW, CAP, HEX-HD., 3/8-16NC		4
	103 321	WASHER, LOCK, 3/8"		4
70	259 465 R1	FLANGE, DRIVING, TRANSMISSION		1

X - AS REQUIRED



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REF. NO.	PART NUMBER	DESCRIPTION	SERIAL NUMBER	NO. REQ'D
TRANSMISSION (Ball Bearing) (6 Speeds Forward, 2 Reverse)—Continued				
71	259 466 R1	NUT, TRANSMISSION DRIVING FLANGE		1
72	50 015 D	WASHER, THRUST, TRANSMISSION REVERSE IDLER		1
73	50 017 D	BEARING, TRANSMISSION REVERSE IDLER GEAR		1
74	50 016 DA	GEAR, TRANSMISSION REVERSE IDLER, 29 AND 36 TEETH		1
75	50 017 D	BEARING, TRANSMISSION REVERSE IDLER GEAR		1
76	8 361 D	SCOOP, OIL, TRANSMISSION REVERSE IDLER GEAR		1
77	50 018 D	BOLT, TRANSMISSION REVERSE IDLER GEAR OIL SCOOP		1
	119 252	NUT, HEX., 3/8-24NF (CASTELLATED)		1
	103 373	PIN, COTTER, 3/32 x 3/4"		1
78	262 681 R1	SHAFT, HI-LO RANGE IDLER		1
79	56 469 D	BOLT, HI-LO RANGE IDLER BEARING RETAINER		1
	119 252	NUT, HEX., 3/8-24NF (CASTELLATED)		1
	103 373	PIN, COTTER, 3/32 x 3/4"		1
80	262 680 R1	GASKET, HI-LO RANGE IDLER SHAFT RETAINER		1
80A	262 679 R1	PLATE, LOCK, HI-LO RANGE IDLER SHAFT		1
80B	262 680 R1	GASKET, HI-LO RANGE IDLER SHAFT LOCK PLATE		1
81	50 021 D	RETAINER, HI-LO RANGE IDLER SHAFT		1
	179 841	SCREW, CAP, HEX-HD., 3/8-16NC x 1-1/4"		3
	181 429	SCREW, CAP, HEX-HD., 1/2-20NF x 1-1/4"		1
82	114 606	WASHER, LOCK, HI-LO RANGE IDLER SHAFT RETAINER (SHAKEPROOF 1120)		3
83	114 608	WASHER, LOCK, HI-LO RANGE IDLER SHAFT RETAINER (SHAKEPROOF 1124)		1
84	6 921 DA	CAGE, BEVEL PINION AND SHAFT REAR BEARING		1
85	50 001 D	RETAINER, BEVEL PINION AND SHAFT REAR BEARING		1
	179 841	SCREW, CAP, HEX-HD., 3/8-16NC x 1-1/4"		3
	103 321	WASHER, LOCK, 3/8"		3
86	271 875 R91	PINION, BEVEL, AND SHAFT, 271 882 R2 W/DRIVE BEVEL GEAR, 271 876 R1 (MATCHED SET) (SEE FINAL DRIVE)		1
86	271 882 R1	PINION, BEVEL, AND SHAFT (ORDER 271 882 R2 WITH 271 536 R1)	TD-142-41551 to 44513	1
86	271 882 R2	PINION, BEVEL, AND SHAFT (WITH 271 536 R1 WILL WORK FOR 271 282 R1)	TD-142-44514 UP	1
87	103 909	KEY, TRANSMISSION OILER GEAR SLEEVE (WOODRUFF 18)		1
88	52 386 D	BEARING, REAR, BEVEL PINION AND SHAFT		1
89	52 378 D	GEAR, REVERSE, 32 TEETH, TRANSMISSION		1
90	251 323 R1	GEAR, SPEED, TRANSMISSION 1ST, 2ND, 4TH AND 5TH, 36 AND 40 TEETH		1
91	50 004 D	SPACER, BEVEL PINION SHAFT		1

