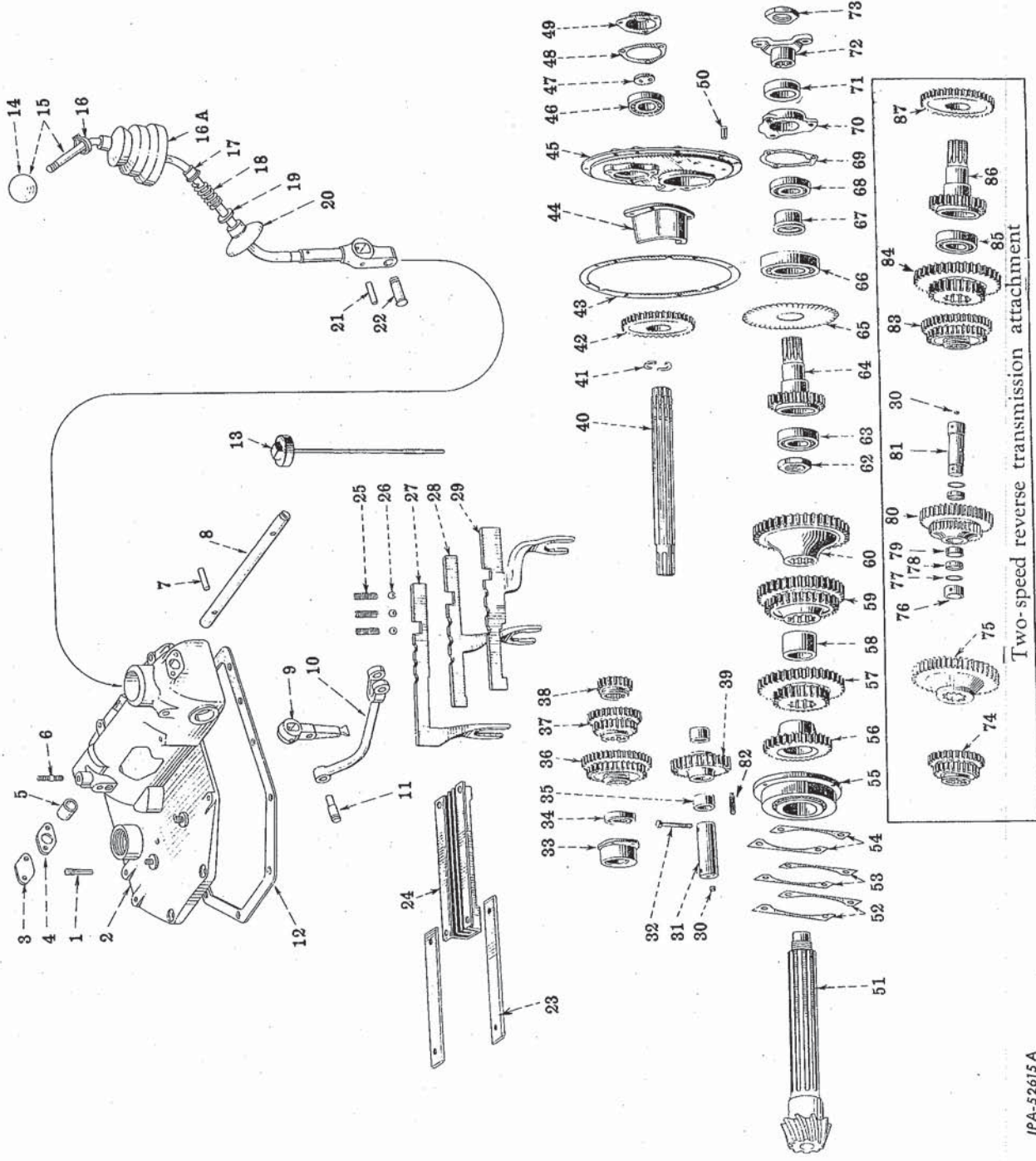


TRANSMISSION

TRANSMISSION

TRANSMISSION GEAR SHIFTER MECHANISM

TRANSMISSION GEAR SHIFTER MECHANISM - CONTINUED



IPA-52615A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	18 585 DA	DOWEL, transmission gear shifter housing main frame (2)
2	275 738 R11	HOUSING ASSEMBLY, transmission gear shifter (not odometer attachment) (Composed of - 2 ANCHOR 50 826 D 1 BUSHING 276 156 R1 1 HOUSING 41 633 D) 1 STUD 7/16 x 1-1/4" hex-hd. cap SCREW (4) 7/16 x 1-1/2" hex-hd. cap SCREW (5) 7/16 x 3" hex-hd. cap SCREW (2) 7/16" lock WASHER (11)
3	275 226 R1	COVER, transmission gear shifter lever shaft end (2) 3/8 x 5/8" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
4	275 225 R1	GASKET, transmission gear shifter lever shaft end cover (2)
5	276 156 R1	BUSHING, shifter lever shaft
6	41 633 D	STUD, platform
0		§ - Not Furnished Separately.

REF. NO.	I. H. PART NUMBER	DESCRIPTION
3	275 226 R1	COVER, transmission gear shifter lever shaft end (2) 3/8 x 5/8" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
4	275 225 R1	GASKET, transmission gear shifter lever shaft end cover (2)
5	276 156 R1	BUSHING, shifter lever shaft
6	41 633 D	STUD, platform
0		§ - Not Furnished Separately.



## TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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## TRANSMISSION GEAR SHIFTER MECHANISM - CONTINUED

7	277 037 R1	PIN, transmission gear shift hand lever upper
8	275 744 R2	SHAFT, transmission gear shift lever upper
9	275 747 R12	LEVER w/PIN, 275 748 R2, transmission gear shift
10	275 745 R11	LINK w/CLEVIS, transmission gear shift selector
11	275 748 R2 148 152	PIN, transmission gear shift lever lower SPRING, 1/2" retainer
12	53 486 D	GASKET, transmission gear shifter housing
13	53 683 DA	ROD w/PLUG and SHIELD, transmission oil level
14	264 055 R2	BALL, transmission gear shift hand lever
15	275 739 R12	LEVER, transmission gear shift hand
16	64 604 D	CLAMP, transmission gear shift hand lever boot
16A	275 742 R1	BOOT, transmission gear shift hand lever
17	11 373 D	STOP, transmission gear shift hand lever swivel shield spring upper 3/16 x 1-1/4" rd.-hd. RIVET (iron)
18	29 547 D	SPRING, transmission gear shift hand lever swivel shield
19	17 700 D	STOP, transmission gear shift hand lever swivel shield spring lower
20	275 743 R1	SHIELD, transmission gear shift hand lever swivel
21	277 037 R1	PIN, transmission gear shift hand lever upper
22	275 746 R1 148 152	PIN, transmission gear shift hand lever lower SPRING, 1/2" retainer
23	62 779 D	LOCK, gear shifter rail guide support bolt (2)
24	69 466 DA	GUIDE, gear shifter rail 3/8 x 3/4" hex.-hd. cap SCREW (4)
25	64 163 D	SPRING, gear shifter rail poppet (3)
26	D 2 616	POPPET, gear shifter rail (grade 3, 1/2" steel ball) (optional with 13 722 D) (3)
26	13 722 D	POPPET, gear shifter rail (grade 4, 1/2" steel ball) (optional with D 2 616) (3)
27	53 480 DA	RAIL and FORK, fourth and fifth gear shifter
28	53 481 DA	RAIL and FORK, second and third gear shifter
29	69 464 DB	RAIL and FORK, low and reverse gear shifter
30	45 361 D	PLUG, transmission reverse idler gear shaft

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## TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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TRANSMISSION  
(Five Speeds Forward, One Reverse)

31	46 905 DX	SHAFT w/PLUG, 45 361 D, transmission reverse idler gear
32	4 457 D	BOLT, transmission reverse idler gear shaft 3/8NF slit-hex. NUT 3/32 x 3/4" cotter PIN
33	6 477 DB	CAGE, transmission spline shaft rear bearing 3/8 x 7/8" hex.-hd. cap SCREW (2) 3/8" lock WASHER (2)
34	272 478 R91	BEARING, transmission spline shaft rear
35	46 904 DR	BUSHING, transmission reverse idler gear (2)
36	271 861 R1	GEAR, sliding transmission fourth and fifth speed (35 and 38 T) (†) (*)
37	63 256 DA	GEAR, sliding transmission second and third speed (24 and 29 T) (†) (*)
38	258 626 R3	GEAR, transmission first and reverse speed sliding (19 T)
39	52 237 DAX	GEAR w/two BUSHING, 46 904 DR, transmission reverse idler (33 T) (†) (*)
40	258 625 R2	SHAFT, transmission spline
41	53 632 D	COLLAR, transmission driven gear split half (2)
42	52 211 D	GEAR, transmission driven (39 T) (†) (*)
43	46 918 D	GASKET, transmission end cover
44	8 779 D	POCKET, transmission end cover oil 5/16 x 7/8" hex.-hd. cap SCREW (3) 5/16" lock WASHER (3)
45	6 480 DC	COVER, transmission end 7/16NF NUT (4) 7/16 x 1-1/4" hex.-hd. cap SCREW (4) 7/16" lock WASHER (8)
46	ST 238	BEARING, transmission spline shaft front
47	45 357 D	WASHER, transmission spline shaft bearing retainer front 7/16 x 1" hex.-hd. cap SCREW (2) 7/16" external-tooth lock WASHER (2)
48	46 913 D	GASKET, transmission spline shaft front bearing retainer
49	46 912 D	RETAINER, transmission spline shaft bearing front 3/8 x 3/4" hex.-hd. cap SCREW (3) 3/8" lock WASHER (3)
50	45 132 D	PIN, transmission end cover dowel
51	279 337 R1	PINION and SHAFT, bevel (9 T) (will work for 271 859 R1)
51	279 339 R91	PINION and SHAFT, bevel, 279 337 R1 w/GEAR, 279 338 R1 (matched pair) (See NOTE)

(†) - Not used with two speed reverse transmission  
 (\*) - Not used with two speed reverse transmission attachment on equipment combinations.

NOTE - Also listed and illustrated under heading STEERING SYSTEM - "Drive Bevel Gear".

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## TRANSMISSION

REF. NO.	I.H. PART NUMBER	DESCRIPTION
TRANSMISSION (Five Speeds Forward, One Reverse)		
52	53 635 D	SHIM, bevel pinion and shaft rear bearing cage (heavy) (X)
53	53 636 D	SHIM, bevel pinion and shaft rear bearing cage (medium) (X)
54	53 637 D	SHIM, bevel pinion and shaft rear bearing cage (light) (X)
54	250 307 R1	SHIM, bevel pinion and shaft rear bearing cage (extra light) (X)
55	271 863 R91	BEARING, bevel pinion and shaft rear 1/2 x 1-5/8" hex-hd. cap SCREW (4) 1/2" lock WASHER (4)
56	271 860 R1	GEAR, transmission fourth speed (32 T)
57	52 213 DA	GEAR, transmission second and fifth speed (27 and 41 T) (†) (#)
58	46 859 D	SPACER, bevel pinion shaft
59	63 255 DA	GEAR, transmission third and reverse speed (36 and 41T) (†) (#)
60	52 215 DA	GEAR, transmission first speed (46 T)
62	279 733 R1	NUT, bevel pinion and shaft lock
63	324 119 R91	BEARING, bevel pinion shaft front (will work for ST-200) (†) (#)
64	262 751 R2	SHAFT and GEAR, transmission driving (26 T) (†) (#)
65	262 752 R1	SLINGER, transmission oil
66	272 480 R91	BEARING, transmission driving shaft rear
67	6 478 D	SPACER, transmission driving shaft bearing
68	ST 238	BEARING, transmission driving shaft front
69	46 916 D	GASKET, transmission driving shaft bearing retainer front
70	6 479 DB	RETAINER, transmission driving shaft bearing front 3/8 x 1" hex-hd. cap SCREW (3) 3/8" lock WASHER (3)
71	310 508 R91	OIL SEAL, transmission driving shaft (will work for 279 749 R91)
72	52 208 D	COUPLING, transmission drive
73	255 630 R1	NUT, transmission drive coupling retaining
74	260 153 R1	GEAR, transmission second and high reverse sliding (24 and 28 T) (*) (-)
75	260 151 R1	GEAR, transmission high and low reverse speed (41 T) (*) (-)
76	279 433 R1	SLEEVE, reverse idler gear shaft (*) (-)
77	279 427 R1	RING, high and low reverse idler gear snap (*) (-) (2)
78	313 946 R91	BEARING, high and low reverse idler gear (*) (-) (2)
79	279 432 R1	SPACER, high and low reverse idler gear (*) (-) TD-92 501 to 1822
79	311 277 R1	SPACER, high and low reverse idler gear TD-92 1823 Up (*) (-)

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## TRANSMISSION

REF. NO.	I.H. PART NUMBER	DESCRIPTION
TRANSMISSION - CONTINUED (Five Speeds Forward, One Reverse)		
80	279 431 R2	GEAR, high and low reverse idler (24 and 33 T) (together with 311 277 R1, 311 278 R1 and 311 279 R1, will work for 279 431 R1) (*) (-)
81	279 435 R11	SHAFT w/PLUG, 45 361 D, reverse idler gear (*) (-)
82	279 434 R92	STRAINER, oil reverse idler
83	307 157 R1	GEAR, third and fourth speed sliding (33 and 41 T) (*) (-)
84	307 156 R1	GEAR, transmission second and fourth speed (24 and 41 T) (*) (-)
85	307 819 R91	BEARING, bevel pinion shaft front (*) (-)
86	307 082 R1	SHAFT, transmission driving (23 T) (*) (-)
87	307 155 R1	GEAR, transmission driven (42 T) (*) (-)
307 074 R91		ATTACHMENT, two speed reverse transmission Factory Application - Order on Machine Order Form. Field Application - Order through Regular Service Parts Channels. (Composed of - 1 CLIP 311 279 R1 1 DECAL 2 750 008 R1 2 BEARING 313 946 R91 1 BEARING 307 819 R91 1 GASKET 46 913 D 1 GASKET 46 918 D 1 GASKET 53 486 D 1 GEAR 260 151 R1 1 GEAR 260 153 R1 1 GEAR 279 431 R2 1 GEAR 307 155 R1 1 GEAR 307 156 R1 1 GEAR 307 157 R1 2 RING 279 427 R1 1 SHAFT 279 435 R11 1 SHAFT 307 082 R1 1 SLEEVE 279 433 R1 1 SPACER 279 432 R1 1 WASHER 311 278 R1 )
50 826 D		ANCHOR, steering clutch release lever return spring (2)
311 279 R1		CLIP, high and low reverse idler gear thrust washer stop
2 750 005 R1		DECALCOMANIA, shifting diagram (†) (#)
2 750 008 R1		DECALCOMANIA, shifting diagram (*) (-)
279 338 R1		GEAR, drive bevel (38 T) (See NOTE)
175 529		PLUG, 5/8" expansion (4)
172 574		PLUG, 1-1/2" expansion (3)
311 278 R1		WASHER, high and low reverse idler gear thrust
NOTE - Also listed and illustrated under heading STEERING SYSTEM - "Drive Bevel Gear". (#) - Not used with two speed reverse transmission attachment on equipment combinations. (-) - Used with two speed reverse transmission attachment on equipment combinations. (†) - Not used with two speed reverse transmission attachment. (*) - Used with two speed reverse transmission attachment. X - As Required.		

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