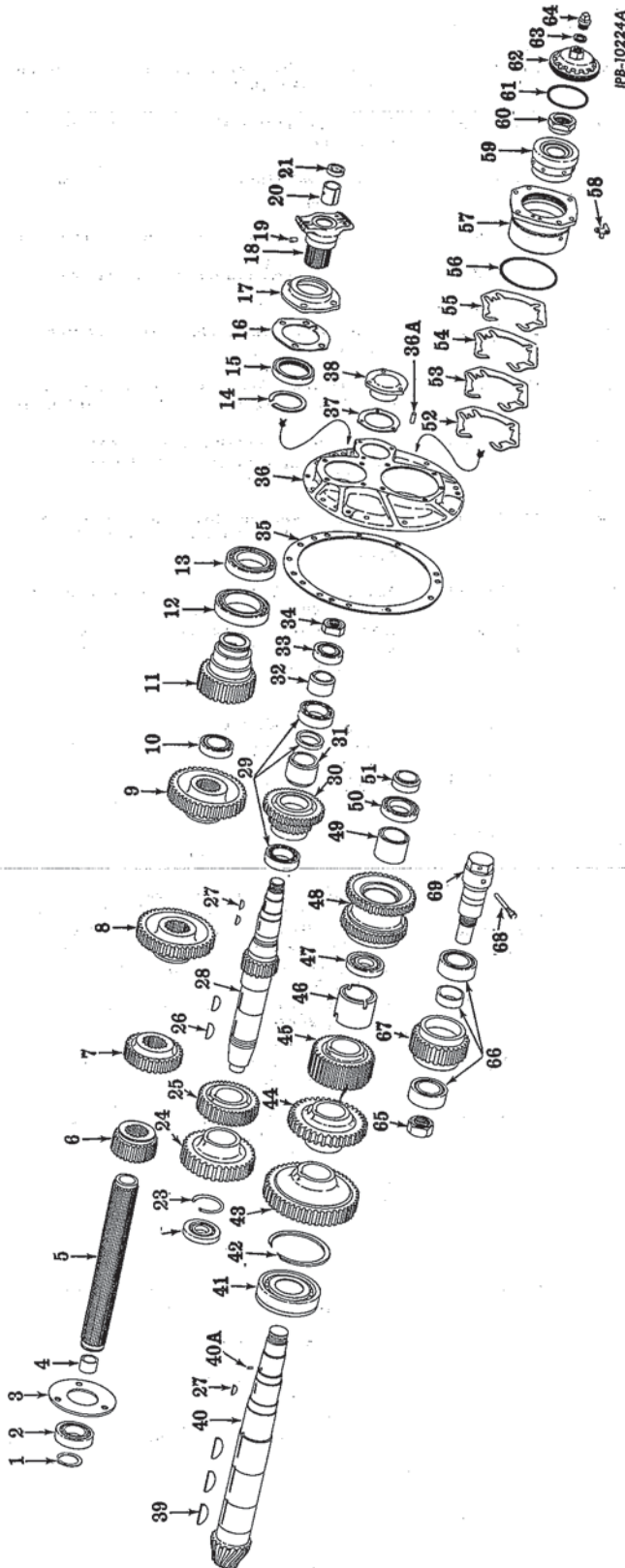




TRANSMISSION

FULL REVERSE TRANSMISSION



TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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FULL REVERSE TRANSMISSION - CONTINUED

1	40 888 D	RING, rear transmission spline shaft bearing, snap
2	279 454 R91	BEARING, rear transmission spline shaft (TD-150 501 to 3500)
2	319 973 R91	BEARING, rear transmission spline shaft (TD-150-3501 to 4000) (TD-151-4001 up)
3	279 548 R1	RETAINER, transmission spline shaft rear bearing 3/8 x 7/8" hex-hd. cap SCREW (3) 3/8" lock WASHER (3)
4	50 025 D	BUSHING, power take-off shaft
5	279 902 R11	SHAFT w/BUSHING, 50 025 D, transmission spline (TD-150 501 to 3500)
5	320 386 R11	SHAFT w/BUSHING, 50 025 D, transmission spline (not used on Backfiller Crawler Tractors TD-15-700-0) (TD-150 3501 to 4000) (TD-151 4001 up)
6	279 903 R2	GEAR, first and second speed sliding (21T)
7	279 904 R2	GEAR, third and fourth speed sliding (29T)
8	279 905 R1	GEAR, fifth and sixth speed sliding (37T)
9	279 906 R1	GEAR, forward and reverse sliding (38T)
10	279 769 R91	BEARING, front transmission spline shaft
11	279 907 R2	SHAFT, transmission drive (28 T)
12	279 975 R92	BEARING, rear transmission drive shaft and gear
13	279 766 R91	BEARING, front transmission drive shaft and gear
14	279 908 R1	RING, front transmission drive shaft and gear snap
15	310 509 R91	OIL SEAL, transmission drive yoke (will work for 279 493 R92 and 310 523 R91)
16	279 913 R1	GASKET, transmission drive yoke oil seal housing
17	279 912 R1	HOUSING, transmission drive yoke oil seal 3/8 x 1" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
18	279 909 R2	YOKE, transmission drive
19	279 911 R2	PIN, transmission drive gear and yoke lock
20	279 910 R1	SLEEVE, transmission drive yoke
21	58 530 D	PLUG, transmission drive yoke
22	279 774 R91	BEARING, rear intermediate shaft
23	279 917 R1	RING, intermediate shaft snap
24	279 915 R1	GEAR, second speed (38 T)
25	279 916 R1	GEAR, fourth speed (30 T)
26	307 484 R1	KEY, second speed gear (will work for 452 566)
26	307 484 R1	KEY, fourth speed gear (will work for 452 566)
27	106 751	KEY, intermediate shaft bearing spacer (Woodruff No. 9) (3/16 x 3/4") (2)
28	320 380 R1	SHAFT w/GEAR, intermediate sixth speed (22 T) (TD-150 to 4000) (TD-151-4001 up)
28	279 914 R1	SHAFT w/GEAR, intermediate sixth speed (22 T) (TD-150 501 to 3500) (order the following parts - 1 BEARING 321 165 R91 1 GEAR 320 381 R1 1 KEY 106 751 1 SHAFT 320 380 R1 1 SPACER 320 383 R1 1 SPACER 320 385 R1)
29	279 767 R91	BEARING, rear intermediate shaft idler gear (TD-150 501 to 3500)
29	ST 649	BEARING, front, intermediate shaft idler gear (TD-150 501 to 3500)
29	321 165 R91	BEARING, intermediate shaft idler gear (TD-150-3501 to 4000) (TD-151-4001 up)
30	320 381 R1	GEAR, intermediate shaft idler (21 T - 31 T) (TD-150-3501 to 4000) (TD-151-4001 up)
30	279 918 R1	GEAR, intermediate shaft idler gear (21 T - 31 T) (TD-150 501 to 3500) (order the following parts - 1 BEARING 321 165 R91 1 GEAR 320 381 R1 1 KEY 106 751 1 SHAFT 320 380 R1 1 SPACER 320 383 R1 1 SPACER 320 385 R1)

TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
FULL REVERSE TRANSMISSION - CONTINUED		
31	320 383 R1	SPACER, intermediate shaft idler gear (TD-150-3500 to 4000) (TD-151-4001 up)
32	279 919 R1	SPACER, intermediate shaft bearing
33	ST 214	BEARING, front intermediate shaft (TD-150 501 to 3500)
33	321 167 R91	BEARING, front intermediate shaft (TD-150-3501 to 4000) (TD-151-4001 up)
34	279 920 R1	NUT, intermediate shaft
35	279 927 R1	GASKET, transmission end cover
36	322 049 R1	COVER, transmission end (TD-151-4001 up)
36	279 928 R1	COVER, transmission end (TD-150-501 to 4000)
	279 991 R1	SCREW, 1/2 x 1-1/2" hex-hd. cap (6) 1/2" NUT (4)
36A	18 585 DA	DOWEL, transmission end cover pin
37	279 922 R1	GASKET, intermediate shaft end cover
38	320 382 R1	COVER, intermediate shaft end (TD-150-3501 to 4000) (TD-151-4001 up)
38	279 921 R1	COVER, intermediate shaft end (TD-150 501 to 3500) 3/8 x 1" hex-hd. cap SCREW (3) 3/8" lock WASHER (3)
39	279 540 R1	KEY, first speed gear
39	279 540 R1	KEY, fifth speed gear
39	279 540 R1	KEY, third speed gear
39A	103 462	KEY, bevel pinnion shaft idler gear bearing spacer (Woodruff No. 13) (3/16 x 3/4")
40	320 549 R11	SHAFT and PINION w/PIN, 279 901 R1 bevel (TD-151-4001 up)
40	279 875 R11	SHAFT and PINION w/PIN, 279 901 R1 bevel (TD-150-501 to 4000)
40A	279 901 R1	PIN, bevel pinion and shaft bearing front spacer lock
41	279 771 R91	BEARING, rear bevel pinion and shaft bearing
42	279 876 R1	RING, rear bevel pinion snap
43	279 877 R1	GEAR, first speed (42 T)
44	279 878 R1	GEAR, third speed (34 T)
45	279 879 R1	GEAR, fifth speed (26 T)
46	279 880 R1	SPACER, bevel pinion shaft
47	279 770 R91	BEARING, rear bevel pinion shaft idler gear
48	279 898 R2	GEAR, bevel pinion shaft idler (25T - 30T)
49	279 899 R1	SPACER, bevel pinion shaft idler bearing
50	279 453 R91	BEARING, front bevel pinion shaft idler
51	279 900 R1	SPACER, front bevel pinion shaft bearing
52	271 891 R1	SHIM, front bevel pinion shaft bearing cage (heavy) (X)
53	271 892 R1	SHIM, front bevel pinion shaft bearing cage (medium) (X)
54	271 893 R1	SHIM, front bevel pinion shaft bearing cage (light) (X)
55	271 894 R1	SHIM, front bevel pinion shaft bearing cage (extra light) (X)
56	271 886 R1	RING, bevel pinion shaft front bearing cage sealing
57	271 885 R2	CAGE, front bevel pinion shaft bearing 1/2 x 1-3/8" hex-hd. cap SCREW (5) 1/2" lock WASHER (5)
58	271 831 R1	LOCK, bevel pinion shaft front bearing retain- er 3/8 x 5/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
59	271 884 R91	BEARING, front bevel pinion shaft (optional with 272 372 R91)

TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
FULL REVERSE TRANSMISSION - CONTINUED		
59	272 372 R91	BEARING, front bevel pinion shaft (optional with 271 884 R91)
60	279 726 R1	NUT, bevel pinion shaft front bearing retaining
61	254 693 R1	RING, bevel pinion shaft front bearing retain- er sealing
62	271 889 R2	RETAINER, bevel pinion shaft front bearing
63	269 910 R1	GASKET, bevel pinion shaft front bearing retainer plug
64	269 909 R2	PLUG, bevel pinion shaft front bearing retainer
65	279 977 R1	NUT, second, fourth and sixth speed idler gear bearing retainer (TD-150 501 to 3500)
65	19 754 R1	NUT, second, fourth and sixth speed idler gear bearing retainer (TD-150-3501 to 4000) (TD-151-4001 up)
66	321 166 R91	BEARING, second, fourth and sixth speed idler gear (TD-150-3501 to 4000) (TD-151- 4001 up)
67	279 925 R1	GEAR, second, fourth and sixth speed idler (order 320 372 R91)
67	320 370 R1	GEAR, second, fourth and sixth speed idler
68	279 924 R1	BOLT, second, fourth and sixth speed idler shaft lock 7/16" lock WASHER
69	279 923 R1	SHAFT, second, fourth and sixth speed idler (order 320 372 R91) (TD-150-501 to 3500)
69	320 371 R1	SHAFT, second, fourth and sixth speed idler (TD-150-3501 to 4000) (TD-151-4001 up)
	279 772 R91	BEARING, rear second, fourth and sixth speed idler gear (TD-150 501 to 3500)
	279 976 R91	BEARING, front second, fourth and sixth speed idler gear (TD-150 501 to 3500)
	322 195 R91	GEAR w/SHAFT, 320 549 R1 and GEAR, 320 548 R1 bevel pinion and shaft with drive bevel (matched Pair) (will work for 279 897 R91)
	320 548 R1	GEAR, bevel drive (40 T) (see final drive) (TD-151-4001 up)
	279 896 R1	GEAR, bevel drive (45 T) (See Final Drive) (TD-150-501 to 4000)
	320 372 R91	PACKAGE, field service, second, fourth and sixth speed idler shaft gear (TD-150 501 to 3500) (consists of - 1 BEARING 321 166 R91 1 GEAR 320 370 R1 1 NUT 19 754 R1 1 SHAFT 320 371 R1)
	279 926 R1	SPACER, second, fourth and sixth speed idler gear bearing (TD-150 501 to 3500)
	320 385 R1	SPACER, short intermediate shaft bearing (used only with GEAR, 320 381 R1 and SHAFT, 320 380 R1 and old BEARING, ST 214)
	305 946 R1	RING, intermediate shaft idler gear bearing snap (2) (TD-150 501 to 3500)
X - As Required		