

ENGINE CLUTCH

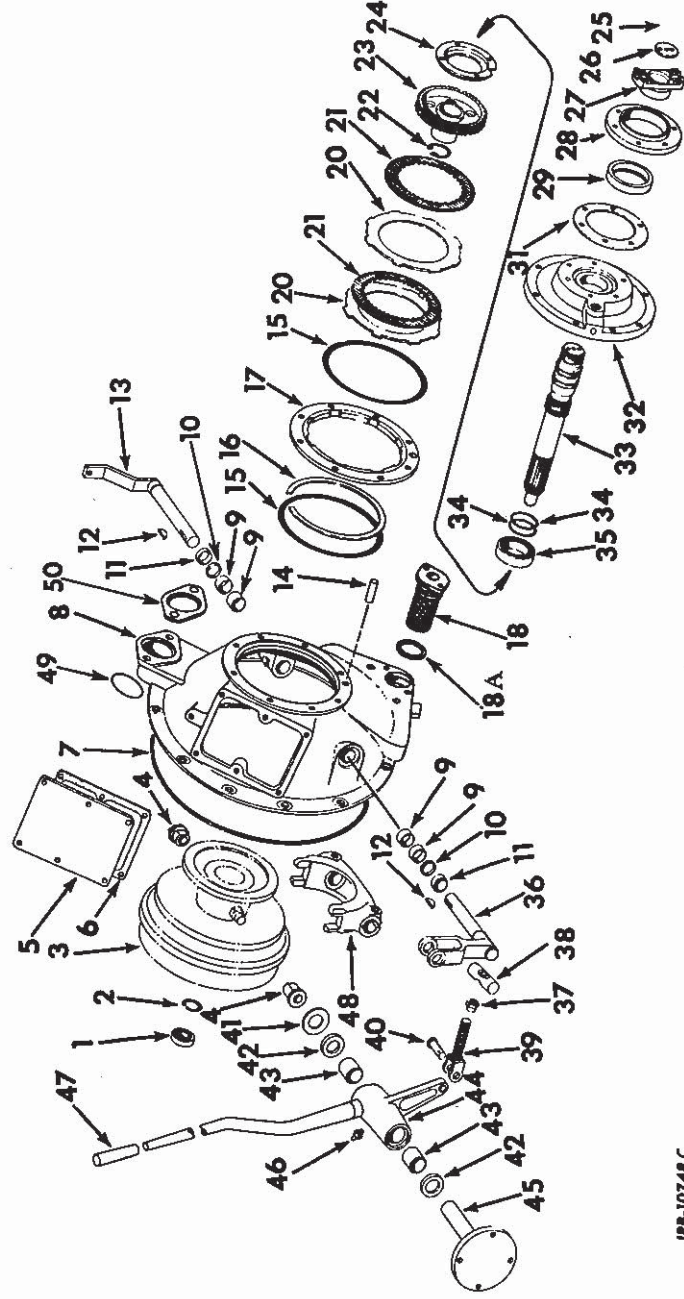
(FOR MANUAL SHIFT CRAWLER TRACTORS)

ENGINE CLUTCH

(FOR MANUAL SHIFT CRAWLER TRACTORS)

CLUTCH, LEVER AND RELATED PARTS

CLUTCH, LEVER AND RELATED PARTS - CONTINUED



IPB-10748 C

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	ST 225 B	BEARING, clutch shaft pilot
2	336 000 R1	RING, clutch retaining (2)
3		CLUTCH (for components see list of parts under details of "Clutch")
	22 845 R1	1/2 x 3-1/2" hex-hd cap SCREW (12)
	232 360 R1	WASHER, clutch mounting (12)
4	42 298 DB	BUSHING, clutch release shaft shifter pin (2)
5	334 524 R1	COVER, inspection hole
	179 858	7/16 x 1" hex-hd cap SCREW (6)
	103 322	7/16" lock WASHER (6)
6	334 525 R1	GASKET, inspection hole cover
7	321 988 R1	RING, clutch housing to flywheel housing sealing
8	345 604 R91	HOUSING w/four BUSHING, 263 696 R1, PIN, 19 942 R1, clutch
	179 861	7/16 x 1-3/8" hex-hd cap SCREW
	103 322	7/16" lock WASHER (12)
9	263 696 R1	BUSHING, engine clutch release shaft (4)
10	333 998 R91	SEAL, engine clutch release shaft (X)
11	336 016 R1	RING, oil seal wear (optional with 347 392 R1) (2)
11	347 392 R1	RING, oil seal wear (optional with 336 016 R1) (2)
12	114 745	KEY, clutch fork and release shaft (2)
13	334 554 R12	SHAFT w/RING, 336 016 R1, RH engine clutch release
14	19 942 R1	PIN, locating
15	254 092 R1	"O" RING, retainer (10 x 10-1/4 x 1/8") (2)
16	334 527 R1	RING, clutch brake disc retaining
17	331 815 R1	RETAINER, outer drive ring
18	603 230 C92	STRAINER, clutch sump
	179 860	7/16 x 1-1/4" hex-hd cap SCREW (2)
	103 322	7/16" lock WASHER (2)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
18A	346 739 R1	"O" RING, 2-1/2 x 2-7/8 x 3/16" clutch sump strainer
20	324 452 R1	PLATE, external spline clutch brake (3)
21	324 456 R1	PLATE, internal spline clutch brake (3)
22	202 307 R1	RING, clutch brake hub retaining
23	331 814 R1	HUB, clutch brake
24	334 534 R1	RETAINER, clutch shaft rear bearing
	102 595	3/8 x 3/4" soc-hd mach SCREW (4)
	114 606	3/8" external tooth lock WASHER (4)
25	334 535 R1	PLATE, bolt lock
	179 857	7/16 x 7/8" hex-hd cap SCREW (2)
26	345 605 R1	PLATE, clutch shaft end
27	610 708 C1	YOKE, clutch drive (together with GASKET, 334 529 R1, RETAINER, 611 247 C1 and SEAL, 610 712 C91 will work for YOKE, 334 533 R1)
28	611 247 C1	RETAINER, clutch shaft rear seal (together with GASKET, 334 529 R1, SEAL, 610 712 C91 and YOKE, 610 708 C1 will work for COVER, 334 530 R1)
	179 858	7/16 x 1" hex-hd cap SCREW (6)
	103 322	7/16" lock WASHER (6)
29	324 392 R92	SEAL, clutch shaft rear
		(Order the following parts -
	1	YOKE 610 708 C1
	1	SEAL 610 712 C91
	1	RETAINER 611 247 C1
	1	GASKET 334 529 R1
		TD-15BG 7260 to 20925
		TD-15B(AGR)BGA 7260 to 20925
29	610 712 C91	SEAL, clutch shaft rear
		TD-15BG 20926 up
		TD-15B(AGR)BGA 20926 to 25000
		TD-15B(Custom)BGA 25001 up
		TD-15BGF 21281 up
		TD-15BGS 21676 up
		X - As Required.

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REF. NO.	I.H. PART NUMBER	DESCRIPTION
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CLUTCH, LEVER AND RELATED PARTS - Continued

31	334 529 R1	GASKET, clutch rear seal cover
32	331 813 R1 179 866 444 660 103 322	COVER, clutch housing end 7/16 x 2" hex-hd cap SCREW (8) PLUG, 3/8NPT 7/16" lock WASHER (8)
33	331 811 R3 444 654	SHAFT, clutch PLUG, 1/4" pipe
34	336 001 R1	RING, clutch shaft sealing (2)
35	317 946 R91	BEARING, clutch shaft rear
36	334 553 R91	SHAFT w/RING, 336 016 R1, LH engine clutch release TD-15BG, TD-15B(Agr)BGA, TD-15BGF, and TD-15BGS 7260 to 21607, also 21609 to 21616, 21618, 21619, 21621, 21622, 21624, 21625, 21627 and 21628
36	611 454 C91	SHAFT w/RING, 336 016 R1, LH engine clutch release TD-15BG, TD-15BGF, and TD-15BGS 21608 up, except 21609 to 21616, 21618, 21619, 21621, 21622, 21624, 21625, 21627 and 21628 TD-15B(Agr)BGA 21608 to 25000, except 21609 to 21616, 21618, 21619, 21621, 21622, 21624, 21625, 21627 and 21628 TD-15B(Custom)BGA 25001 up
37	277 549 R1	NUT, engine clutch operating link lock
38	604 174 C1 109 462	PIN, engine clutch release shaft FITTING, engine clutch release shaft (2)
39	278 847 R1	LINK, engine clutch operating
40	103 499 103 385	PIN, engine clutch operating link 1/8 x 1" cotter PIN
41	49 068 K 103 389 69 339 R1	WASHER, engine clutch hand lever 1/8 x 2" cotter PIN (used with SHAFT, 603 338 C1) RING, engine clutch hand lever snap (used with SHAFT, 603 338 C2)
42	327 364 R91	SEAL, hand lever hub (2)
43	318 588 R1	BUSHING, engine clutch hand lever (used with LEVER, 624 990 C1)
43	95 373 R2	BUSHING, engine clutch hand lever (used with LEVER, 603 340 C92)
44	624 990 C92	LEVER w/two BUSHING, 95 373 R2, BUSHING, 318 588 R1 and HANDLE, 619 405 C1, engine clutch hand (used with Custom Crawler Tractor)
44	603 340 C92	LEVER w/two BUSHING, 95 373 R2, BUSHING, 318 588 R1 and HANDLE, 619 405 C1, engine clutch hand (used with Gear Drive, Agr, Side Boom and Back Filler Crawler Tractors)
45	603 338 C2 103 028 179 884 103 323	SHAFT, engine clutch hand lever (together with RING, 69 339 R1 will work for SHAFT, 603 338 C1) 1/2" NUT (4) 1/2 x 1-3/8" hex-hd cap SCREW (4) 1/2" lock WASHER (4)
46	271 285	FITTING, 1/8 x 90° engine clutch hand lever hub lubrication (Alemite 1613B) (optional with 109 462)
46	109 462	FITTING, 1/8 x 90° engine clutch hand lever hub lubrication (Lincoln 5400) (optional with 271 285)

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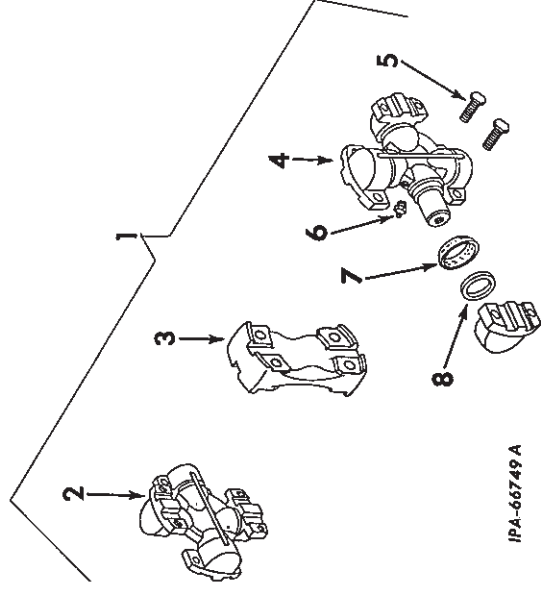
ENGINE CLUTCH

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REF. NO.	I.H. PART NUMBER	DESCRIPTION
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CLUTCH LEVER AND RELATED PARTS - Continued

47	619 405 C1	HANDLE, engine clutch hand lever
48	260 919 R4 271 558	FORK, clutch release 5/8 x 1-1/2" hex-hd cap SCREW (2)
49	370 944 R1	"O" RING, 1-3/8 x 1-1/2 x 1/16" pump drive seal
50	345 606 R1	GASKET, hydraulic pump
	468 335 R1	"O" RING, 3-3/8 x 3-3/4 x 3/16" clutch sump.

"U" JOINT
(Mechanics)

IPA-66749 A

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	336 237 R93 334 690 R1	"U" JOINT ASSEMBLY BOLT, universal joint (8)
2	317 713 R92	SPIDER w/BEARINGS
3	347 188 R1	PLATE, coupling
4	338 923 R92	SPIDER w/BEARINGS
5	338 924 R1	SCREW, counter-bore (4)
6	110 146 R91	FITTING, 1/4" straight lubrication (Alemite 1792B) (optional with 102 467 H) (2)
6	102 467 H	FITTING, 1/4" straight lubrication (Lincoln 5042) (optional with 110 146 R91) (2)
7	37 335 H	SHIELD, dust (8)
8	305 109 R91	RETAINER and SEAL (8)
	278 025 R1	WIRE, bulk locking (12 ga) (universal joint bolt) (customer must specify length required) (X)
	278 027 R1	WIRE, bulk locking (16 ga) (counter-bore screw) (customer must specify length required) (X)

X - As Required.

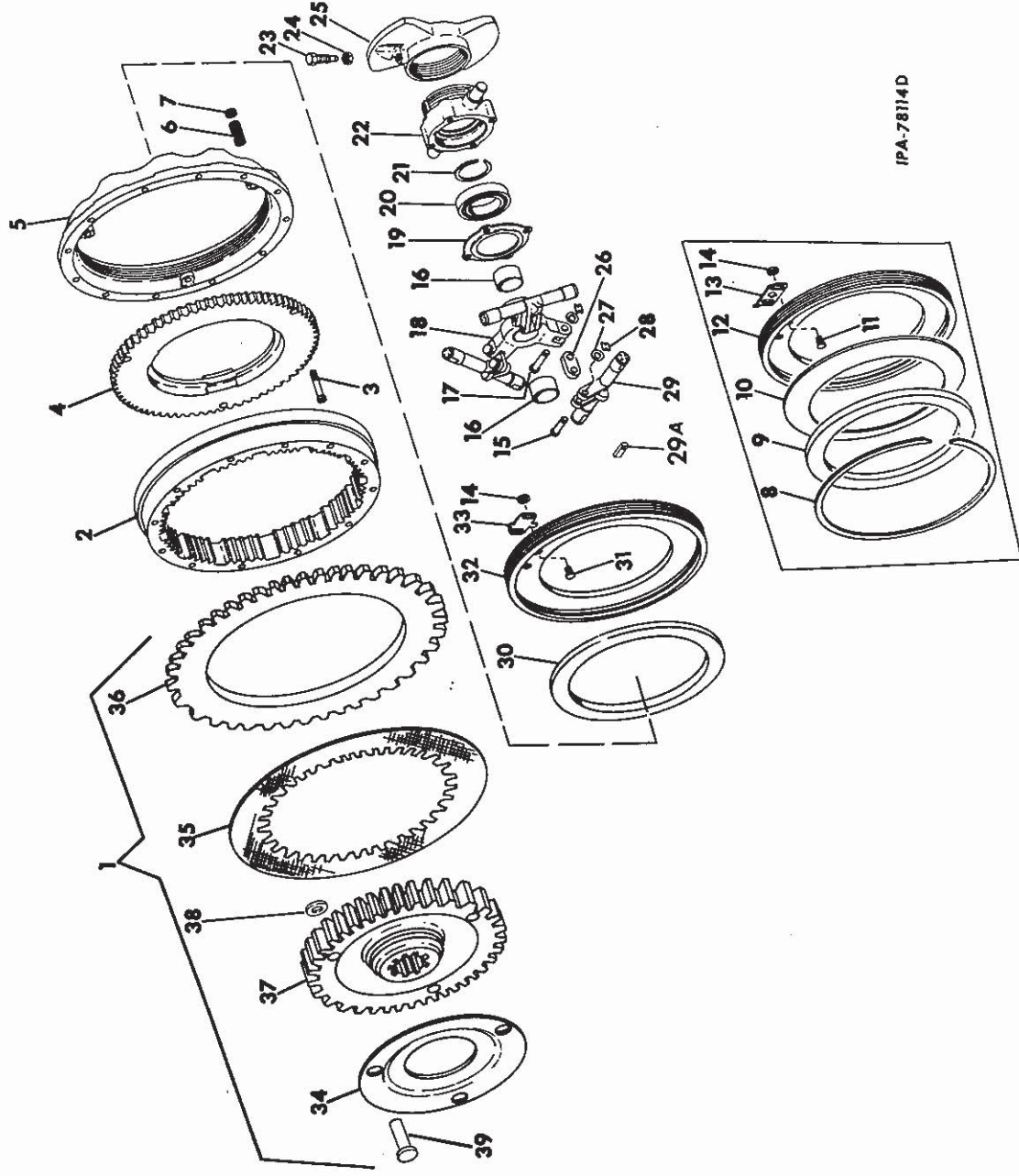
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ENGINE CLUTCH
(FOR MANUAL SHIFT CRAWLER TRACTORS)

CLUTCH
(Rockford)

ENGINE CLUTCH
(FOR MANUAL SHIFT CRAWLER TRACTORS)

CLUTCH — CONTINUED
(Rockford)



ENGINE CLUTCH

(FOR MANUAL SHIFT CRAWLER TRACTORS)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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CLUTCH (Rockford)

Parts without letters after the description indicate the part is used for all Ring Assy's listed below. Letters A and B are used to identify separate Ring Assy's.

A	347 512 R91	RING ASSY, clutch cover and drive (UCLA-11964-A) (order RING ASSY, 702 223 C91) TD-15BG 7260 to 20083 TD-15B(Agr)BGA 7260 to 20083
B	610 201 C91	RING ASSY, clutch cover and drive (UCL-1-11964-A) (order RING ASSY, 702 223 C91) TD-15BG 20084 to 21396 TD-15B(Agr)BGA 20084 to 21396
C	702 223 C91	RING ASSY, clutch cover and drive (UCLA-2-11964-A) (will work for RING ASSY, 610 201 C91 and RING ASSY, 347 512 R91)

		TD-15BG 21397 up TD-15B(Agr)BGA 21397 to 25000 TD-15B(Custom)BGA 25001 up TD-15BGF 21281 up TD-15BGS 21676 up
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1	610 215 C91	DISC ASSY (will work for DISC PACK 347 513 R91) pack and center (*)
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		TD-15BG 20249 up TD-15B(Agr)BGA 20249 to 25000 TD-15B(Custom)BGA 25001 up TD-15BGF 21281 up TD-15BGS 21676 up
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2	347 834 R1 179 820 103 320	RING, drive 5/16 x 1-1/4" hex-hd cap SCREW (3) 5/16" lock WASHER (3)
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3	324 964 R1	SCREW, fil-hd cap (3)
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4	324 961 R1 261 106 R1 114 604	PLATE, pressure BOLT, fil-hd (6) 1/4" WASHER (Shakeproof) (6)
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5	347 828 R1	PLATE, back
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6	347 830 R1	SPRING, return (3)
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7	261 069 R1	NUT, lock (3)
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8	273 251 R1	RING, retaining (Ring Assy A)
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9	324 982 R1	PLATE, adjusting (Ring Assy A)
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10	273 250 R1	WASHER, bellville (Ring Assy A)
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11	347 833 R1	SCREW, 3/8NF x .59" adjustment lock (Ring Assy A) (2)
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12	347 832 R1	RING, adjusting (Ring Assy A)
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(Order the following parts -		
1	LOCK	610 203 C1
2	NUT	114 494
1	PLATE	31 238 DA
1	RING	55 371 DA
2	SCREW	610 204 C1
2	WASHER	610 205 C1)

13	603 896 C1	LOCK, adjustment (Ring Assy A)
14	114 494	NUT, 3/8NF (2)
15	319 620 R1	PIN, connecting link (short) (3)
16	26 039 DA	BUSHING, release sleeve (2)
17	319 619 R1	PIN, connecting link (long) (3)

18	347 824 R91	SLEEVE w/two BUSHING, 26 039 DA, release
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REF. NO.	I.H. PART NUMBER	DESCRIPTION
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CLUTCH - Continued (Rockford)

19	31 242 DA 442 692	PLATE, bearing carrier 5/16 x 5/8" hex-hd cap SCREW w/lock WASHER (4)
20	590 954 R91	BEARING, ball
21	29 780 D	RING, external snap
22	347 831 R1	CARRIER, bearing
23	347 835 R1	SCREW, camblock adjusting
24	261 089 R1	NUT, 1/2" jam
25	347 825 R91	DISC w/NUT and SCREW, 347 835 R1, brake

26	43 207 D	LINK, connecting (3)
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27	615 029 R1	WASHER, plain (6)
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28	267 689 R1	WASHER, "X" (connecting link pin) (6)
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29	702 324 C1	PACKAGE, camshaft
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29A	267 665 R91	CAMBLOCK (set of 6) (Consists of six CAMBLOCKS, six SCREW 261 106 R1 and six LOCKWASHER
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	261 106 R1	SCREW, special (6)
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	114 604	1/4" ext-tooth lock WASHER (6)
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30	31 238 DA	PLATE, adjusting (Ring Assy B and C)
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31	610 204 C1	SCREW, 3/8NF x .72" adjustment lock (Ring Assy B and C) (2)
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	610 205 C1	WASHER, plain (Ring Assy B and C) (2)
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32	55 371 DA	RING, adjusting (Ring Assy B and C)
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33	610 203 C1	LOCK, adjustment (Ring Assy B and C)
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34	610 217 C1	COVER, hub (*)
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		TD-15BG 20249 up TD-15B(Agr)BGA 20249 to 25000 TD-15B(Custom)BGA 25001 up TD-15BGF 21281 up TD-15BGS 21676 up
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35		DISC w/FACING (order 3 of 610 220 C91) TD-15BG 7260 to 20248 TD-15B(Agr)BGA 7260 to 20248
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35	610 220 C91	DISC w/FACING, inner (*) (3) TD-15BG 20249 up (3) TD-15B(Agr)BGA 20249 to 25000 (3) TD-15B(Custom)BGA 25001 up (3) TD-15BGF 21281 up (3) TD-15BGS 21676 up
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36	610 221 C1	DISC, outer (*)
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		(2) TD-15BG 20249 up (2) TD-15B(Agr)BGA 20249 to 25000 (2) TD-15B(Custom)BGA 25001 up (2) TD-15BGF 21281 up (2) TD-15BGS 21676 up
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37	610 216 C1	CENTER, splined (*) TD-15BG 20249 up TD-15B(Agr)BGA 20249 to 25000 TD-15B(Custom)BGA 25001 up TD-15BGF 21281 up TD-15BGS 21676 up
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38	610 219 C1	WASHER (*)
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		(3) TD-15BG 20249 up (3) TD-15B(Agr)BGA 20249 to 25000 (3) TD-15B(Custom)BGA 25001 up (3) TD-15BGF 21281 up (3) TD-15BGS 21676 up
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39	610 218 C1	RIVET (*)
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		(3) TD-15BG 20249 up (3) TD-15B(Agr)BGA 20249 to 25000 (3) TD-15B(Custom)BGA 25001 up (3) TD-15BGF 21281 up (3) TD-15BGS 21676 up
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(*) - Not furnished as part of Ring Assy, 347 512 R91, Ring Assy, 610 201 C91 or Ring Assy, 702 223 C91.

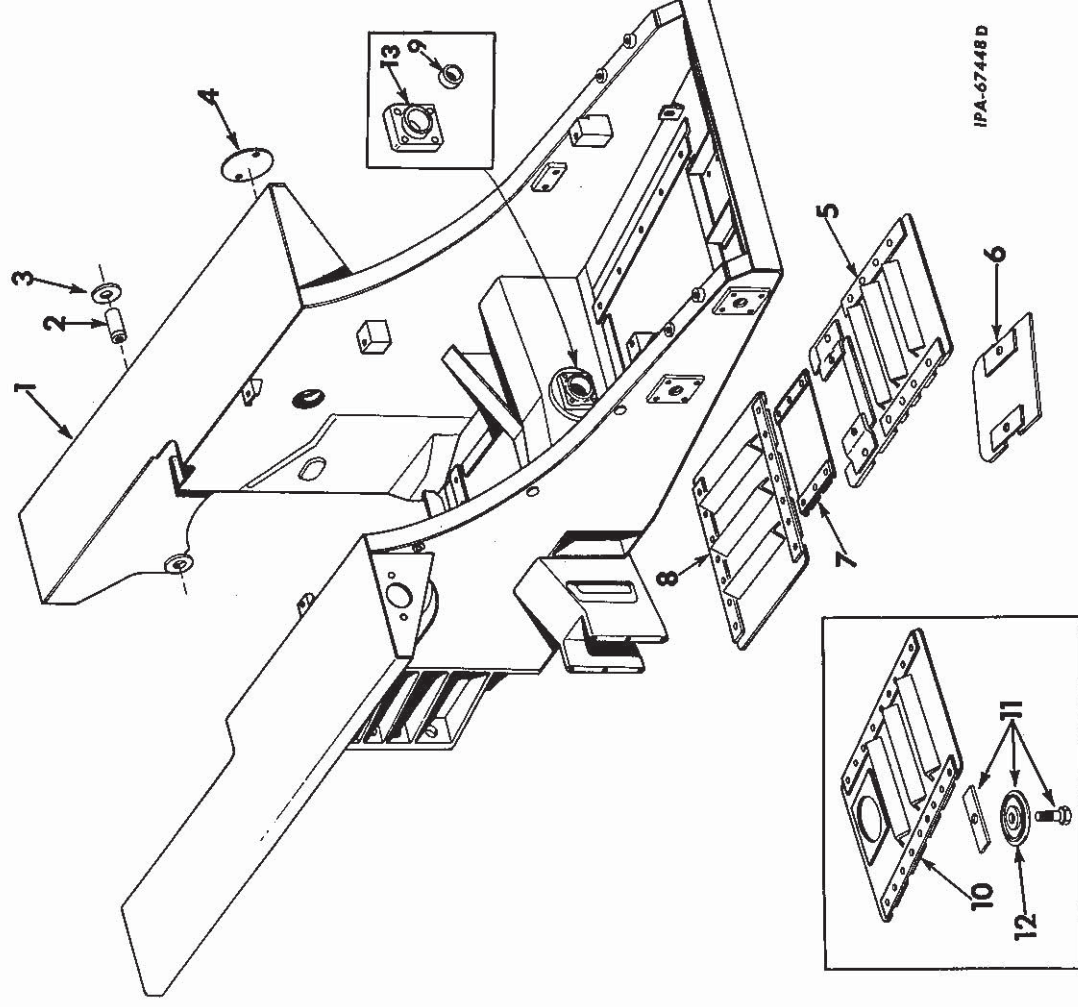
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FRAME

FRAME

FRONT FRAME

FRONT FRAME - CONTINUED



REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	331 904 R91	FRAME, front (not for sideboom crawler tractors) (See NOTE) TD-15BP 6001 to 6768 (Order the following parts -
		1 DOOR 604 978 C11
		1 DOOR 607 607 C11
		1 FRAME 607 725 C91
		2 PLATE 603 282 C1
		1 SHAFT 603 279 C1
		8 SCREW, 5/8 x 1-1/2" hex-hd cap 271 558
		12 SCREW, 5/8 x 1-1/8" hex-hd cap 271 555

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	341 742 R91	FRAME, front (not for sideboom crawler tractors) (See NOTE) TD-15BP 6769 to 7828 TD-15BG 7260 to 7828 TD-15B(Agr)BGA 7260 to 7828 (Order the following parts -
		1 DOOR 604 978 C11
		1 DOOR 607 607 C11
		1 FRAME 607 725 C91
		2 PLATE 603 282 C1
		1 SHAFT 603 279 C1
		8 SCREW, 5/8 x 1-1/2" hex-hd cap 271 558
		12 SCREW, 5/8 x 1-1/8" hex-hd cap 271 555

NOTE: Service Frames Will Be Available
On Special Order Only On Clearance
With Engineering Department.