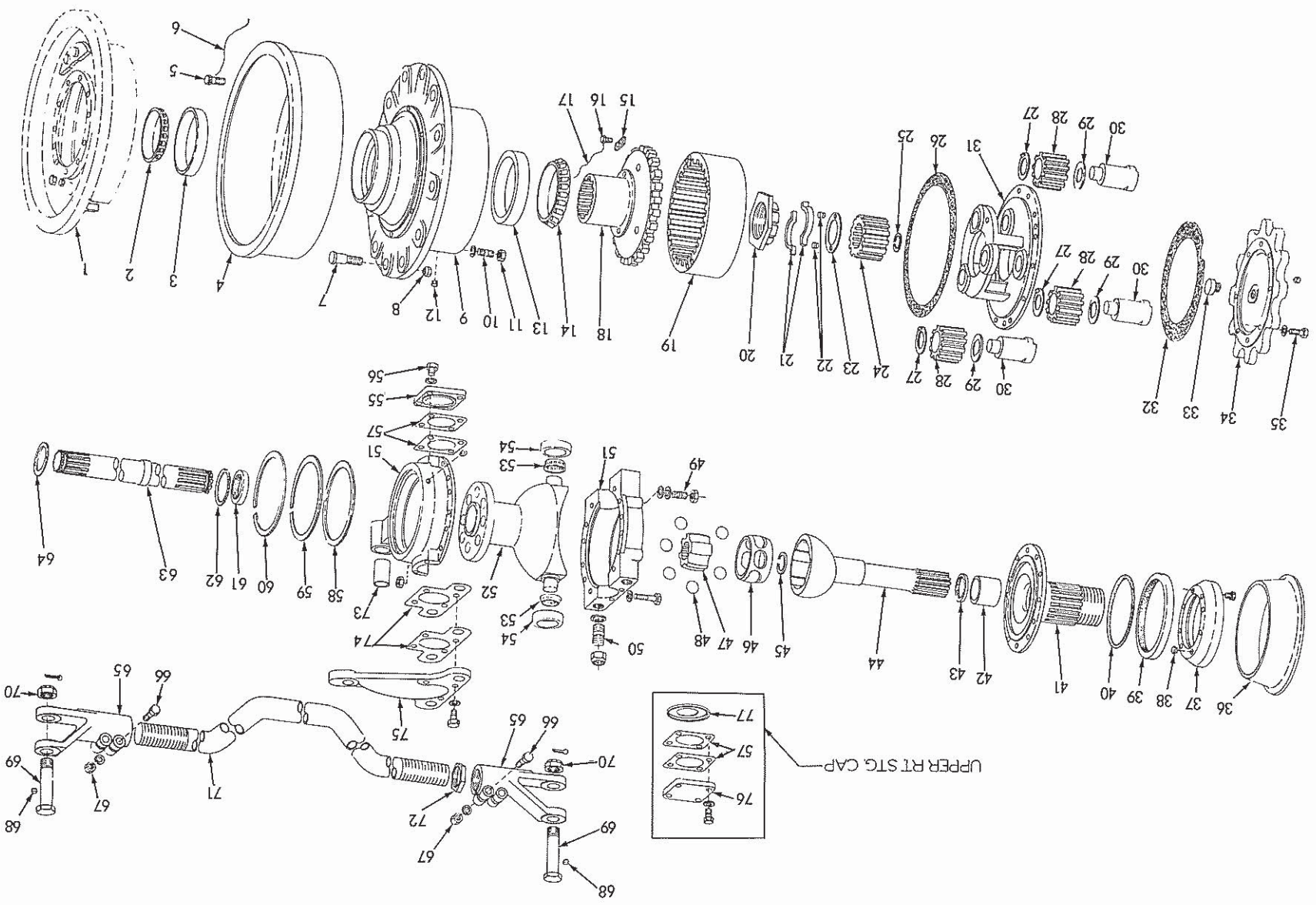


SHAFT AND HUB (Steering Axle)

T-42303



SHAFT AND HUB (Steering Axle)

USAGE: Used prior to loader serial #266, excluding #255, 260, 261 and 264

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	2	NOTE: See page 99 for listing of complete Assembly.
2	3024650	2	BRAKE ASSEMBLY, left and right (See page 122 for parts)
3	3022047	2	CONE, bearing, inner
4	3024732	2	CUP, bearing, inner
5	3026068	20	DRUM, brake
6	3024892	2	CAPSCREW, drilled-hd. (5/8" NC x 1-1/2")
7	3022121	24	WIRE, locking, #16 Ga. x 50"
8	3007152	24	STUD, wheel
9	3024726	2	NUT, safety, wheel stud
10	3024687	24	HUB ASSEMBLY (Includes 12 STUD 3024687 and items 3 & 13)
11	3024687	24	STUD, 1/2" NC
12	3022116	2	LOCKWASHER, 1/2"
13	3024651	2	NUT, 1/2" NC
14	3024652	2	PLUG, oil filler (magnetic)
15	3024673	8	CUP, bearing
16	3007711	16	CONE, bearing
17	3022108	8	PLATE, locking, hub assembly
18	3024660	2	CAPSCREW (Special) (5/16" NC x 3/4")
19	3024681	2	WIRE, locking, 16 Ga. x 6"
20	3024671	2	HUB ASSEMBLY, ring gear (Includes sleeve) (Serviced only as a unit)
21	3024672	4	GEAR, ring (52 teeth)
22	3024678	4	NUT, wheel bearing
23	3024677	2	RETAINER, bearing nut
24	3024676	2	PIN, washer, sun gear
25	3024683	2	WASHER ASSEMBLY, sun gear (Includes item 22)
26	3028640	2	GEAR, sun (20 teeth)
27	3024674	6	RING, snap, drive joint retaining
28	3024680	6	O-RING, spider to hub
29	3041349	6	WASHER, thrust, pinion (inner)
30	3041348	6	GEAR, pinion
31	3024682	2	WASHER, thrust, pinion (outer)
32	3024685	2	SHAFT, planetary pinion (Also order item 29)
			SPIDER, planetary gear
			GASKET, cover, spider

(Continued)

SHAFAT AND HUB (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
33	3024076	2	BUTTON, thrust
34	3024084 3024084	2	COVER ASSEMBLY, planetary gear (Includes item 33)
35	3031582	16	CAPSCREW, (Special) (7/16" NC x 1-1/8")
	904207	16	LOCKWASHER, 7/16"
	907070	2	PLUG, pipe, ctsk., 1/4" NPTF
36	3024731	2	SLINGER, oil
37	3024730	2	RETAINER ASSEMBLY, seal (Includes item 38)
38	3022305	2	PIN, retainer assembly
39	3024729	2	SEAL, oil, hub
40	3024728	2	O-RING, steering knuckle
41	3024724	2	FLANGE ASSEMBLY, steering (Includes item 42)
42	3024725	2	BUSHING, steering knuckle
43	3024727	2	SEAL, drive joint
-	3024694	2	U-JOINT ASSEMBLY, universal (Includes items 44 thru 48)
44	3024695	2	RACE, outer
45	3024700	2	RING, snap
46	3024697	2	CAGE, universal joint
47	3024699	2	RACE, inner
48	3024698	12	BALL, universal joint
49	3024704	24	STUD (7/16" NF)
	3024706	24	WASHER, plain
	904207	24	LOCKWASHER, 7/16"
	915633	24	NUT, safety, 7/16" NF
50	3024707	2	STUD, steering cap, 7/8" NF
	905347	2	LOCKWASHER, 7/8"
	911046	2	NUT, 7/8" NF
51	3024701	1	KNUCKLE ASSEMBLY, steering flange, left (Includes 4 NUT 910194, 1 PLUG 910230, 4 CAPSCREW 3024703, 12 STUD 3024704, 2 STUD 3024707 and item 73)
	3024702	1	KNUCKLE ASSEMBLY, steering flange, right (Includes 4 NUT 910194, 1 PLUG 910230, 4 CAPSCREW 3024703, 12 STUD 3024704 and item 73)
	3024719	4	CAPSCREW (Special) (7/16" NF x 1-1/2")
	3024703	20	CAPSCREW (Special) (7/16" NF x 3")
	904207	24	LOCKWASHER, 7/16"
	910194	24	NUT, 7/16" NF
	910230	2	PLUG, pipe, slotted, 1/8" NPT
52	3024690	2	SOCKET, steering knuckle
53	3024723	4	CONE, bearing, socket

(Continued)

SHAFT AND HUB (Continued)

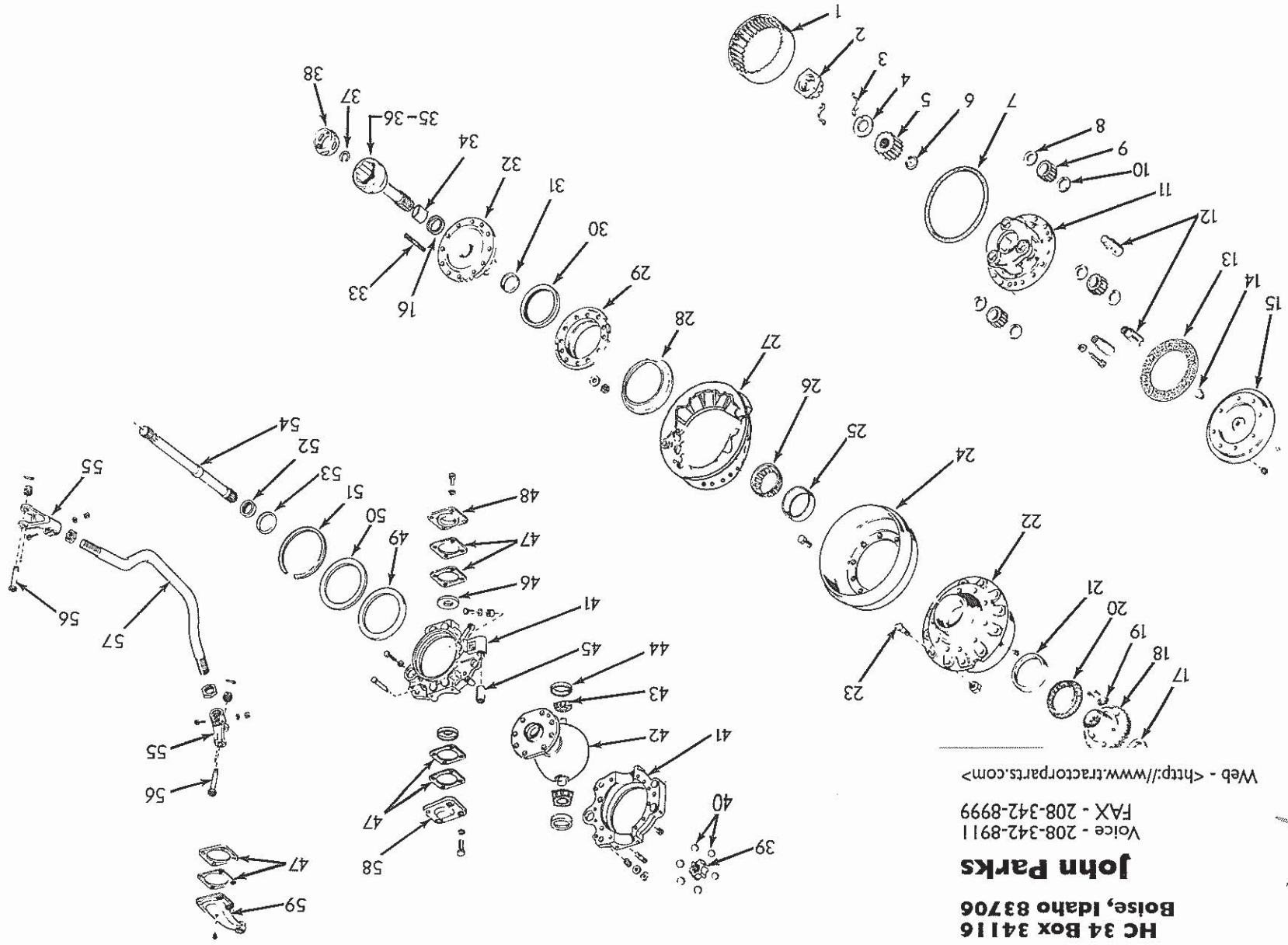
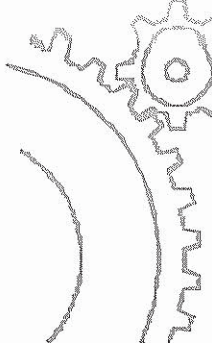
ITEM	PART NO.	QTY.	DESCRIPTION
54	3024722	4	CUP, bearing, socket
55	3024708	2	CAP, bearing, lower, left and right
56	3014456	8	CAPSCREW (Special) (1/2" NC x 1-1/2")
	904208	8	LOCKWASHER, 1/2"
	3024710	1	SHIM, bearing cap (.005" thick. Use as req'd)
57	3024711	1	SHIM, bearing cap (.010" thick. Use as req'd)
	3024712	1	SHIM, bearing cap (.030" thick. Use as req'd)
58	3026425	2	SEAL, oil, trunnion socket
59	3026426	2	WASHER, retainer, oil seal
60	3026427	2	RING, snap, seal retainer
61	3024692	2	SEAL, oil, axle shaft
62	923583	2	O-RING, trunnion socket to housing
63	3024691	2	SHAFT, drive
64	3026428	2	WASHER, drive shaft
65	3014578	1	YOKE, tie rod, left
	3014579	1	YOKE, tie rod, right
66	3014602	4	CAPSCREW (Special) (1/2" NF x 2-3/4")
67	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2" NF
68	3014580	2	PIN, lock, tie rod bolt
69	3014584	2	BOLT, tie rod
70	3014581	2	NUT (Special)
	900808	2	PIN, cotter, 1/8" x 1-1/2"
71	3024733	1	ROD, tie
72	3014577	1	NUT, locking, tie rod
73	3014503	2	BUSHING, tie rod bolt
	3024716	1	SHIM, bearing cap (.005" thick. Use as req'd)
74	3024717	1	SHIM, bearing cap (.010" thick. Use as req'd)
	3024718	1	SHIM, bearing cap (.030" thick. Use as req'd)
75	3024714	1	ARM, steering, left
	3014456	4	CAPSCREW, 1/2" NC x 1-1/2"
	904208	4	LOCKWASHER, 1/2"
	918683	1	PLUG, pipe, ctsk., 1/8" NPT
76	3024713	1	CAP, bearing, upper right
	3014456	4	CAPSCREW, 1/2" NC x 1-1/2"
	904208	4	LOCKWASHER, 1/2"
	917673	1	PLUG, pipe, ctsk., 1/8" NPT
77	3014565	2	RETAINER, grease, upper bearing

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SHAFT AND HUB
(Steering Axle)

T-31412

AL SUNDGREN

SHAFT AND HUB (Steering Axle)

USAGE: Effective with loader serial #266, including 255, 260, 261 and 264

ITEM	PART NO.	QTY.	DESCRIPTION
1	3022082	2	GEAR, ring (52 teeth)
2	3022122	2	NUT, wheel bearing
3	3022077	4	RETAINER, bearing nut
4	3022070	2	WASHER, key
5	3022083	2	GEAR, sun (20 teeth)
6	3022074	2	RING, snap, gear retaining
7	3036692	2	O-RING,, spider to hub
8	3022071	6	WASHER, thrust pinion (inner)
9	3022084	6	GEAR, pinion
10	3040365	6	WASHER, thrust, pinion (outer)
11	3026076	2	SPIDER
12	3040493	6	SHAFT, pinion gear (Also order item 10)
13	3022079	2	GASKET, spider cover
14	3022076	2	BUTTON, thrust
15	3026067 3048405 904207 907070	2 16 16 2	COVER ASSEMBLY (Includes item 14) CAPSCREW, 7/16" NF (self sealing) LOCKWASHER, 7/16" PLUG, pipe, countersunk-hd., 1/4" NPT
16	3022308	2	SEAL, joint assembly
17	-----	2	SLEEVE, hub (Not serviced, order 3022086)
18	3022086	2	HUB ASSEMBLY, ring gear (Includes item 17) (Serviced only as a unit)
19	3022069 3022117 3022108	8 16 8	PLATE, locking CAPSCREW, 3/8" NC x 3/4" WIRE, locking, #16 Ga. x 6"
20	3022064	2	CONE, bearing } (Order both cup and cone)
21	3022061	2	CUP, bearing }
22	3026605	2	HUB ASSEMBLY (Includes items 21 and 25)
23	3022110 904208 3022116	32 32 2	CAPSCREW, 1/2" NF x 1-5/8" LOCKWASHER, 1/2" PLUG, magnetic, oil filler
24	3022307 3026068 3024892	2 20 2	DRUM, brake CAPSCREW, drilled-hd., 5/8" NC x 1-1/2" WIRE, locking, 16 Ga. x 50"
25	3022062	2	CUP, bearing } (Order both cup and cone)
26	3026399	2	CONE, bearing }

(Continued)

SHAFT AND HUB (Continued) (Steering Axle)

ITEM	PART NO.	QTY.	DESCRIPTION
27	-----	2	BRAKE ASSEMBLY, left and right (See page 124 for parts)
28	3022306	2	SLINGER, oil
29	3026398	2	RETAINER ASSEMBLY, seal (Includes item 30)
30	3022304	2	SEAL, oil, retainer
31	3026085	2	O-RING, sealing
32	3026397	2	FLANGE ASSEMBLY, steering (Includes item 34)
33	3027636	24	STUD, knuckle attaching
	910829	24	WASHER, plain, SAE std., 9/16"
	3024643	24	NUT, safety, 9/16" NF
34	3022301	2	BUSHING, steering knuckle
35	3027642	2	JOINT ASSEMBLY, universal (Includes items 36 thru 40)
36	3028149	2	RACE, outer
37	3027640	2	RING, snap
38	3027637	2	CAGE, universal joint
39	3027639	2	RACE, inner
40	3027638	12	BALL, bearing
41	{ 3025639	1	KNUCKLE ASSEMBLY, steering flange, left (See Master Numerical Index)
	3025640	1	KNUCKLE ASSEMBLY, steering flange, right (See Master Numerical Index)
42	3022283	2	SOCKET ASSEMBLY (Serviced only as a unit)
43	3007271	4	CONE, bearing } (Order both cup and cone)
44	3014566	4	CUP, bearing }
45	3022295	2	BUSHING, tie rod bolt
46	3014565	2	RETAINER, upper steering bearing grease
47	{ 3014563	-	SHIM (.005" thick. Use as required)
	3014564	-	SHIM (.020" thick. Use as required)
48	3014562	2	CAP, lower, left and right
	3014598	8	CAPSCREW, 5/8" NC x 1-1/2"
	904209	8	LOCKWASHER, 5/8"
49	3025642	2	SEAL, oil
50	3025643	2	RETAINER, oil seal
51	3025641	2	RING, snap, seal retainer
52	3024692	2	PACKING, preformed
53	4253822	2	O-RING, sealing (Continued)

SHAFT & HUB (Continued) (Steering Axle)

ITEM	PART NO.	QTY.	DESCRIPTION
54	3027626	2	SHAFT, drive
55	3014578	1	YOKE, left
	3014579	1	YOKE, right
	3014602	4	CAPSCREW, 1/2" NF
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2" NF
56	3014584	2	BOLT, tie rod
	3014580	2	PIN
	3014581	2	NUT
	900808	2	PIN, cotter, 1/8" x 1-1/2"
57	3027635	1	ROD, tie
	3014577	1	NUT, locking
58	3014561	1	CAP, bearing, upper, right hand
	3014598	4	CAPSCREW, 5/8" NC x 1-1/2"
	904209	4	LOCKWASHER, 5/8"
	910230	1	PLUG, pipe, slotted, 1/8" NPT
59	3022299	1	ARM, steering, upper, left hand bearing cap (Used loader serial #205 thru 554)
	3031201	1	ARM, steering, upper, left hand bearing cap (Effective with loader serial #555)
	3014506	2	STUD, short, 5/8" NF
	3022296	2	STUD, long, 5/8" NF
	904209	4	LOCKWASHER, 5/8"
	911044	2	NUT, 5/8" NF
	911049	2	NUT, jam, 5/8" NF
	3014494	4	SLEEVE
	910230	1	PLUG, pipe, slotted, 1/8" NPT