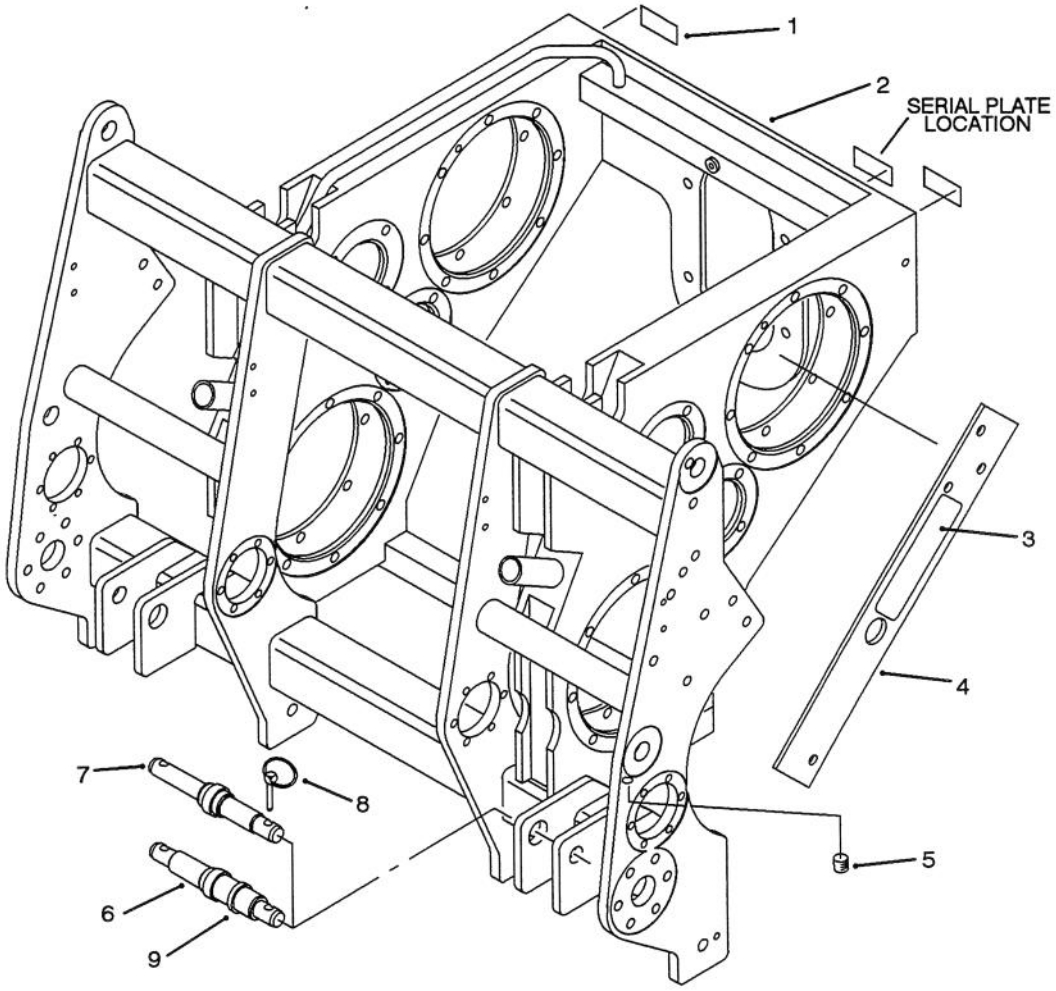
FORM NO. 3316–564 Rev. A

TORO®

MODEL NO. 09600–40001 & UP

PARTS CATALOG

HC 4000 AERATOR



T–1855A

FRAME & LINK PIN ASSEMBLY

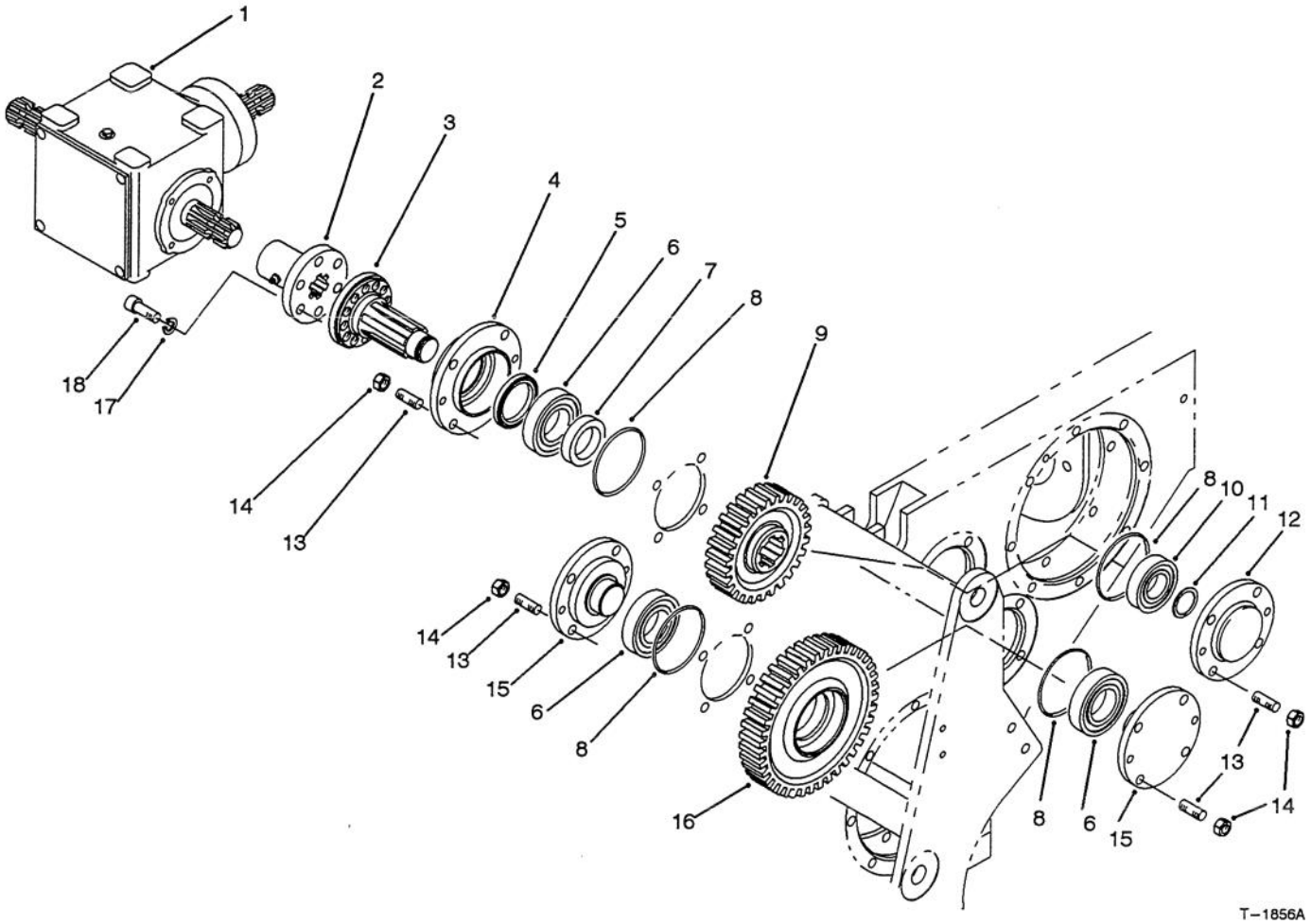
Ref. No.	Part No.	Description	No. Used
1	59–9930	Decal – Danger	2
2	92–9366	Frame	1
3	82–3220	Decal – Bar, Timing	1
4	92–9876	Bar – Timing	1
5	285–21	Plug – Pipe	2
6	92–9865	Pin 'B' – Link, Lower (1.12 & 1.25" Dia.)	2

Ref. No.	Part No.	Description	No. Used
7	92–9864	Pin 'A' – Link, Lower (.87 & 1" Dia.)	2
8	283–71	Pin – Lynch	4
9	93–8753	Washer – Spacer .88	4
*	93–8754	Washer – Spacer 1.00	4
*	93–8755	Washer – Spacer 1.12	4
*	93–8756	Washer – Spacer 1.25	4

*Not Illustrated

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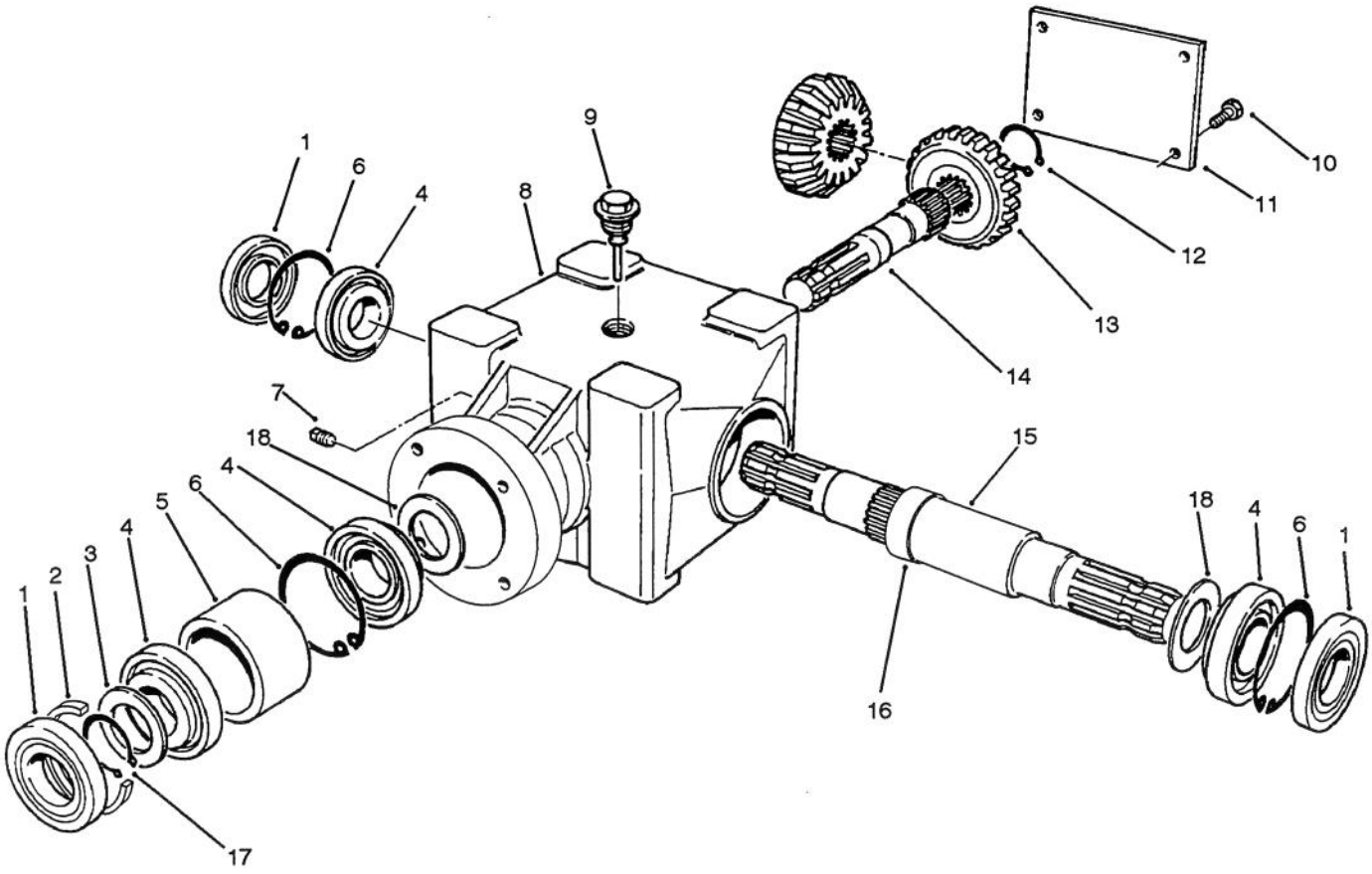
TPS



SPLINED SHAFT & IDLER GEARS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–9890	Gear Box	1
2	76–3710	Coupling – Flange, Splined	2
3	92–9360	Shaft – Drive, Splined	2
4	92–9362	Housing – Bearing	2
5	92–9875	Seal	2
6	70–9220	Bearing	6
7	92–9361	Spacer	2
8	92–3013	O–Ring, Seal	8
9	92–9359	Gear – Drive, Input	2

Ref. No.	Part No.	Description	No. Used
10	72–3820	Bearing	2
11	92–9873	Ring – Retaining	2
12	92–9363	Housing – Bearing	2
13	92–3005	Stud	32
14	92–3006	Nut	32
15	92–9364	Flange – Gear, Idler	4
16	92–9365	Gear – Idler	2
17	3253–7	Washer – Lock	12
18	3274–89	Screw – Hex. Socket Hd.	12



T–1976A

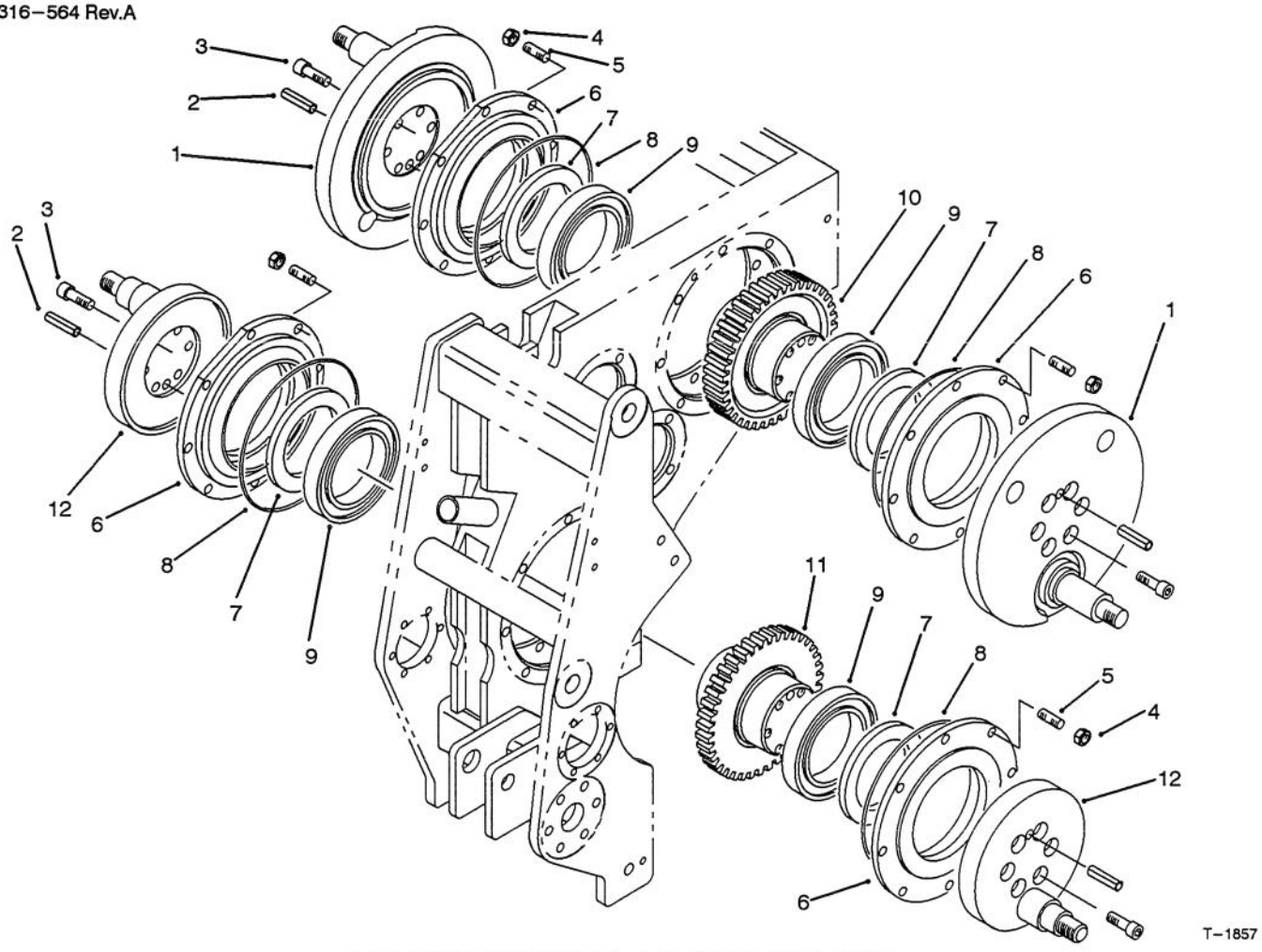
GEAR BOX 92–9890

Ref. No.	Part No.	Description	No. Used
1	92–9922	Seal – Oil	3
2	92–9910	Seal – Spacer	1
3	92–9908	Spacer – Shaft	1
4	71–6630	Bearing	4
5	92–9909	Spacer	1
6	32151–88	Ring – Snap	3
7	285–21	Plug – Pipe	1
8	92–9904	Housing	1
9	92–9924	Plug – Oil Level/Filler	1
10	92–9925	Bolt – Hex. Socket Hd.	4
11	92–9905	Plate – Back	1
12	92–9923	Ring – Retaining	1
13	92–9906	Gear – Bevel	2
14	92–9911	Shaft – Input	1

Ref. No.	Part No.	Description	No. Used
‡15	92–9912	Shaft – Output	1
‡16	92–9907	Collar – Shaft	1
17	92–9873	Ring – Retaining	1
18	92–9913	Shim – Std. (.6 mm)	2
*19	92–9914	Shim – Bevel Gear .05mm	A/R
*19	92–9915	Shim – Bevel Gear .08mm	A/R
*19	92–9916	Shim – Bevel Gear .25mm	A/R
*19	92–9917	Shim – Output Shaft .05mm	A/R
*19	92–9918	Shim – Output Shaft .08mm	A/R
*19	92–9919	Shim – Output Shaft .25mm	A/R
†*	92–9920	Kit – Shim (Incl. Ref. #19)	1
*	92–9921	Assembly – Shaft (Incl. Ref. #15 & 16)	1

† Includes three (3) shims of various thickness to properly adjust gear backlash & shaft end play. Required when replacing items #4, 5, & 13–15. Instruction sheet included

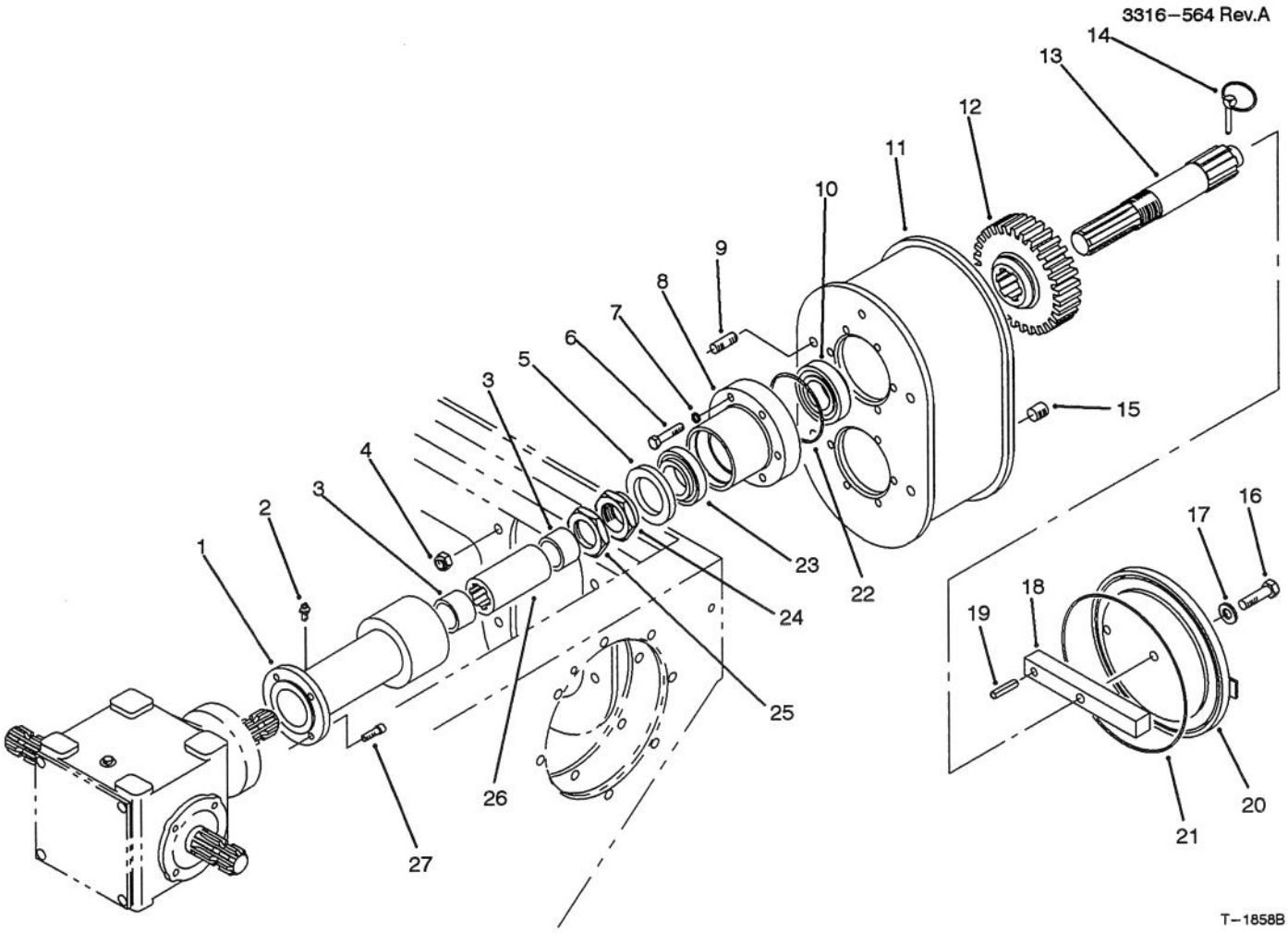
*Not Illustrated ‡Not sold separately.



CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–9948	Assembly – Crank, Top	4
2	71–7100	Pin – Roll	8
3	3274–4	Screw – Hex. Socket Hd.	48
4	92–3006	Nut	64
5	92–3005	Stud	64
6	92–3000	Flange – Bearing, Crank	8

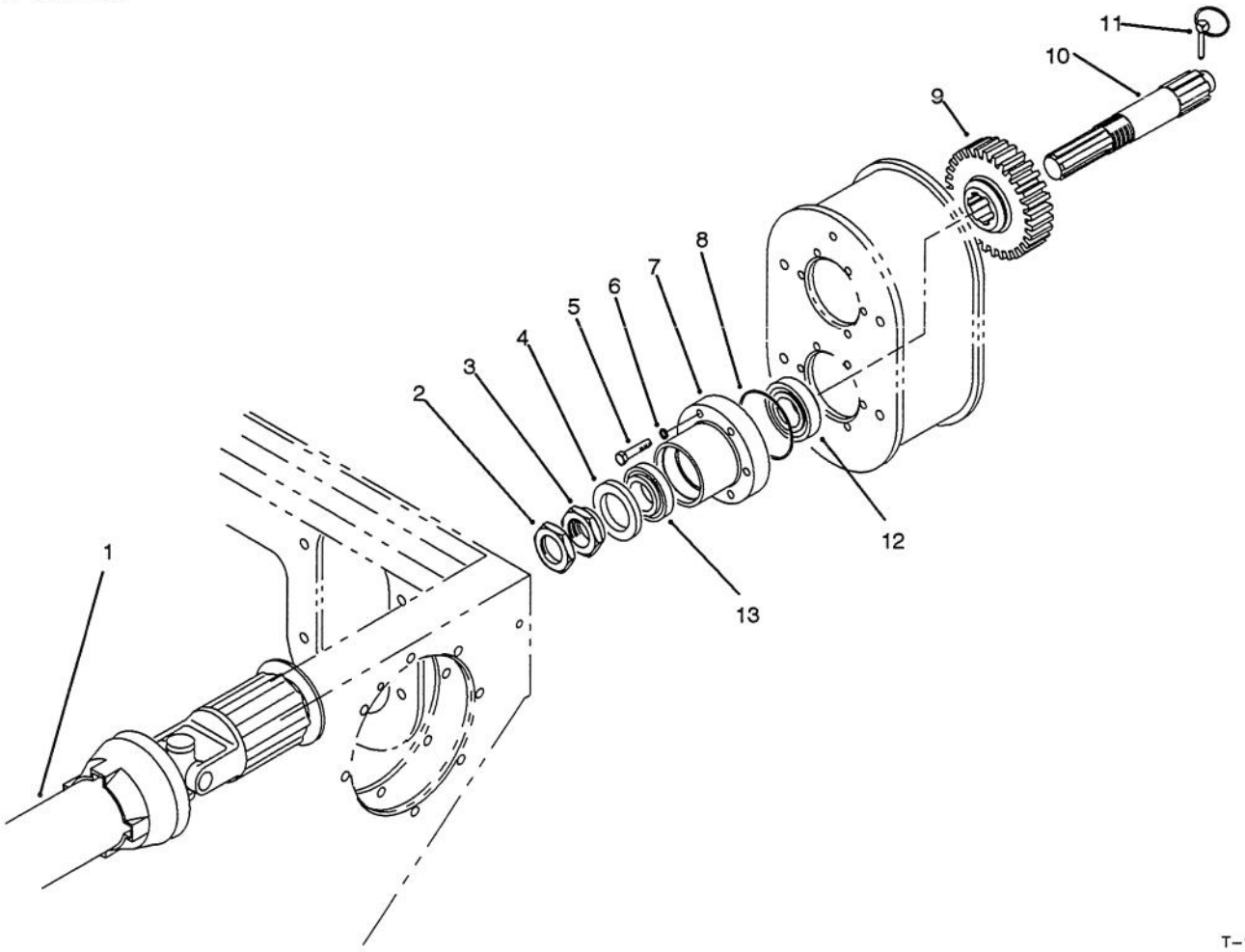
Ref. No.	Part No.	Description	No. Used
7	70–9340	Seal	8
8	92–3012	O–Ring, Seal	8
9	70–9330	Bearing	8
10	76–3650	Gear – Crank, Top	2
11	76–3660	Gear – Crank, Bottom	2
12	72–8100	Assembly – Crank, Bottom	4



PICKOFF GEAR BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–9424	Tube – Support	1
2	302–5	Fitting – Grease	1
3	92–9944	Spacer – Coupling	2
4	92–3006	Nut	4
5	71–6490	Seal	1
6	323–9	Screw – Cap Hex. Hd.	6
7	3253–21	Washer – Lock	6
8	92–3010	Housing – Bearing	1
9	92–3005	Stud	4
10	71–6700	Bearing	1
11	92–9415	Housing W.A. – Gearbox	1
12	71–7400	Gear – 40 Tooth	1
*	71–7390	Gear – 39 Tooth	1
*	71–7380	Gear – 38 Tooth	1
*	71–7370	Gear – 37 Tooth	1
*	71–7360	Gear – 36 Tooth	1
*	71–7350	Gear – 35 Tooth	1
*	71–7340	Gear – 34 Tooth	1
*	71–7330	Gear – 33 Tooth	1

Ref. No.	Part No.	Description	No. Used
12	71–7320	Gear – 32 Tooth	1
*	71–7310	Gear – 31 Tooth	1
*	71–7300	Gear – 30 Tooth	1
13	92–9943	Shaft – Output	1
14	283–72	Pin – Lynch	1
15	285–21	Plug – Pipe	1
16	325–7	Screw – Cap Hex. Hd.	1
17	3256–5	Washer – Flat	1
18	92–9421	Bar – Latch	1
19	32121–49	Pin – Roll	1
20	92–9420	Cover – Hatch	1
21	92–3012	O–Ring, Seal	1
22	92–3013	O–Ring, Seal	1
23	71–6690	Bearing	1
24	70–9710	Nut	1
25	70–9720	Nut	1
26	92–9428	Coupling – Splined	1
27	93–8750	Screw – Hex. Socket Hd.	4

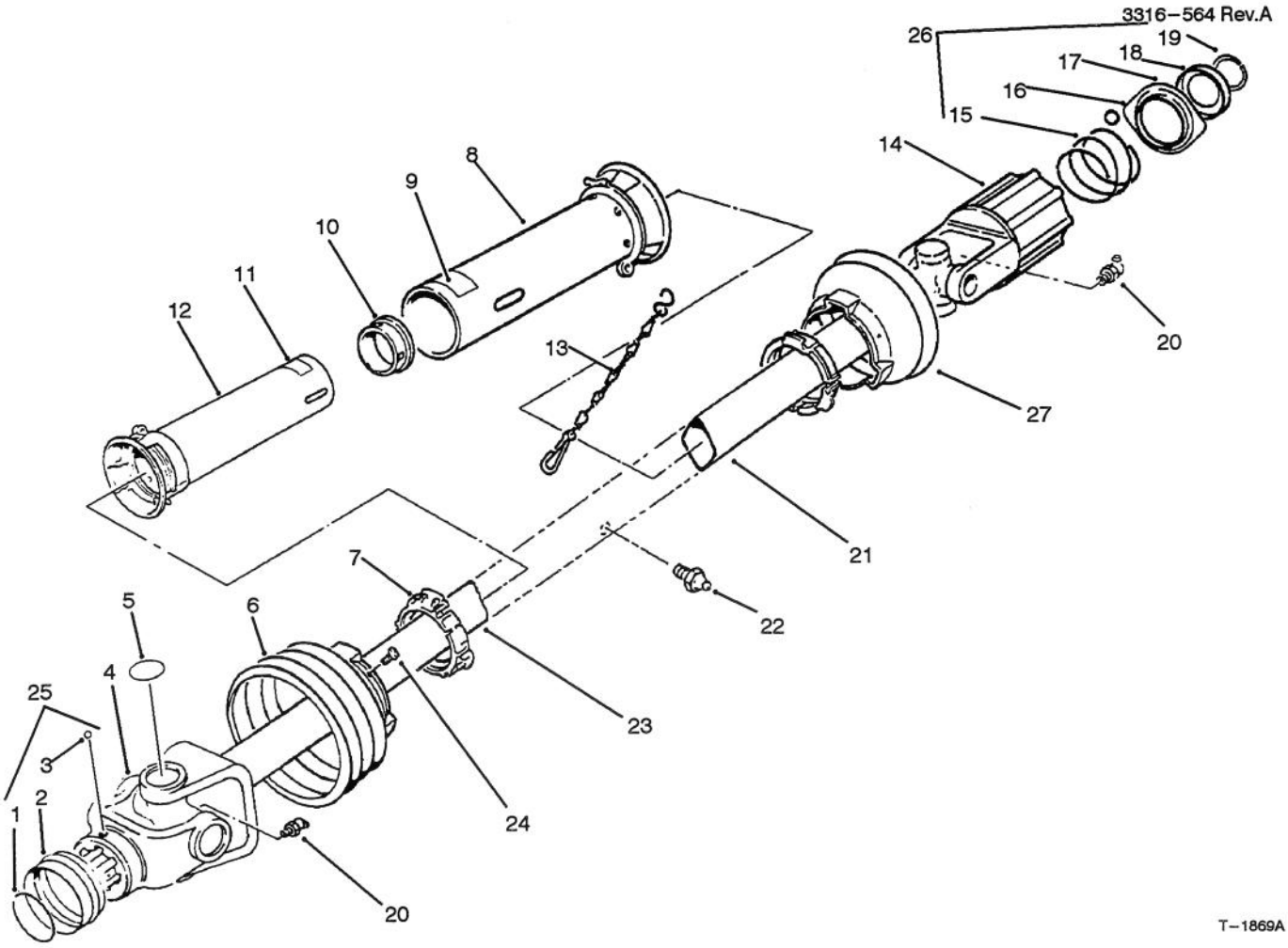


T–1859A

LOWER SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–7939	Assembly – Shaft, Drive	1
2	70–9720	Nut	1
3	70–9710	Nut	1
4	71–6490	Seal	1
5	323–9	Screw – Cap Hex. Hd.	6
6	3253–21	Washer – Lock	6
7	92–3010	Housing – Bearing	1
8	92–3013	O–Ring, Seal	1
9	71–7400	Gear – 40 Tooth	1
*	71–7390	Gear – 39 Tooth	1
*	71–7380	Gear – 38 Tooth	1
*	71–7370	Gear – 37 Tooth	1

Ref. No.	Part No.	Description	No. Used
*	71–7360	Gear – 36 Tooth	1
*	71–7350	Gear – 35 Tooth	1
*	71–7340	Gear – 34 Tooth	1
*	71–7330	Gear – 33 Tooth	1
*	71–7320	Gear – 32 Tooth	1
*	71–7310	Gear – 31 Tooth	1
*	71–7300	Gear – 30 Tooth	1
10	92–9943	Shaft	1
11	283–72	Pin – Lynch	1
12	71–6700	Bearing	1
13	71–6690	Bearing	1

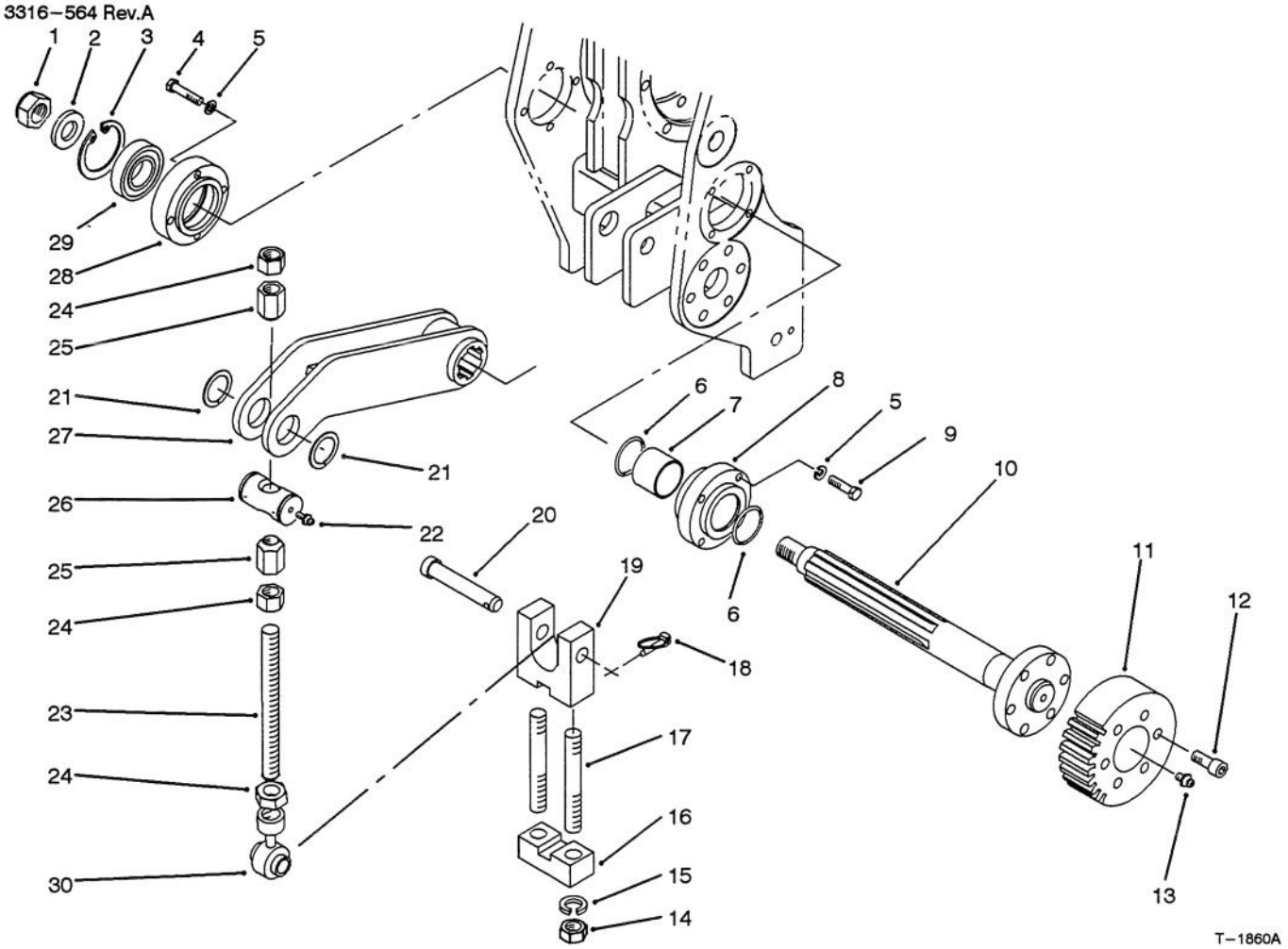


FRONT DRIVE LINE ASSEMBLY 92–7939

Ref. No.	Part No.	Description	No. Used
1		Ring – Retaining	1
2		Assembly – Collar	1
3		Ball	3
4	77–4710	Yoke	1
5	77–4720	Cross & Bearing Kit	2
6	77–4730	Cone – Shield	1
7	77–4740	Ring – Bearing	2
8	92–7934	Tube – Shield, Outer	1
9	92–7936	Decal – Out	1
10	77–4790	Bearing – Support	1
11	92–7937	Decal – In	1
12	92–7935	Tube – Inner, Shield	1
13	77–4760	Chain – Safety	1
14	77–4770	Clutch – Radial Pin	1
15		Spring – Compression	1
16		Ball	3
17		Collar – Lock	1
18		Ring – Flanged	1
19		Ring – Snap	1
20	92–7938	Fitting – Grease 45°	2
21		Outer Shaft & Yoke	1
22	84–6370	Fitting – Grease	1
23		Inner Shaft & Yoke	1
24		Screw	2
25	77–4670	Kit – Collar (Incl. Ref. #1–3)	1
26	77–4660	Kit – Flange (Incl. Ref. #15–19)	1
27	92–9887	Guard – Ring	1
*	92–7939	Drive Line (Complete)	1

*Not Illustrated

3316–564 Rev.A

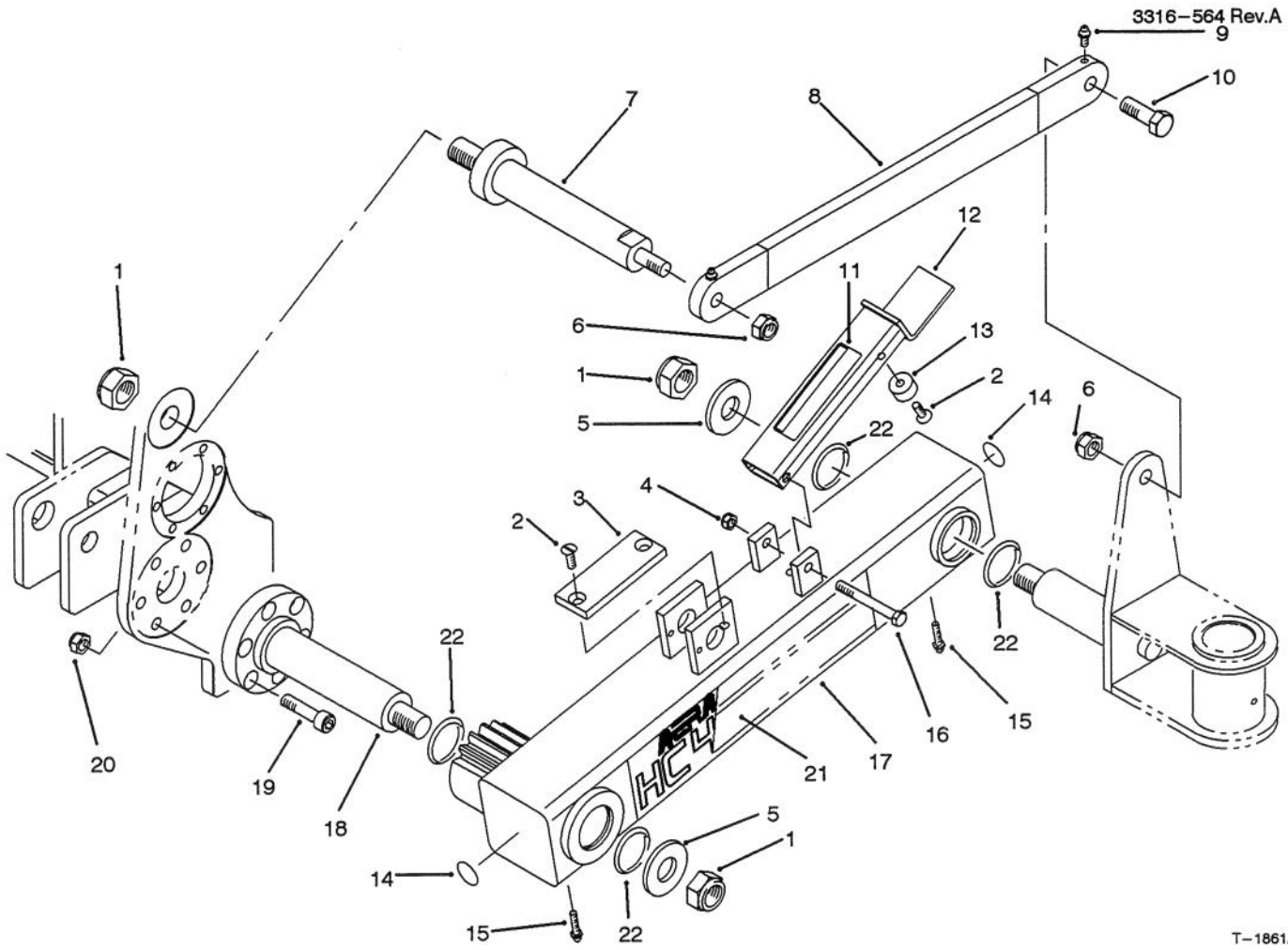


T–1860A

TORSION SHAFT & ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296–70	Nut – Lock	2
2	92–9387	Washer	2
3	32151–88	Ring – Retaining	2
4	323–9	Screw – Cap Hex. Hd.	8
5	3253–21	Washer – Lock	16
6	237–38	O–Ring, Seal	4
7	92–9874	Bushing	4
8	92–9388	Housing – Outer, Shaft	2
9	323–8	Screw – Cap Hex. Hd.	8
10	92–9384	Shaft – Torsion	2
11	92–9390	Gear – Quadrant	2
12	3274–89	Screw – Hex. Socket Hd.	12
13	92–9872	Fitting – Grease	2
14	3217–12	Nut	4
15	3253–9	Washer – Lock	4

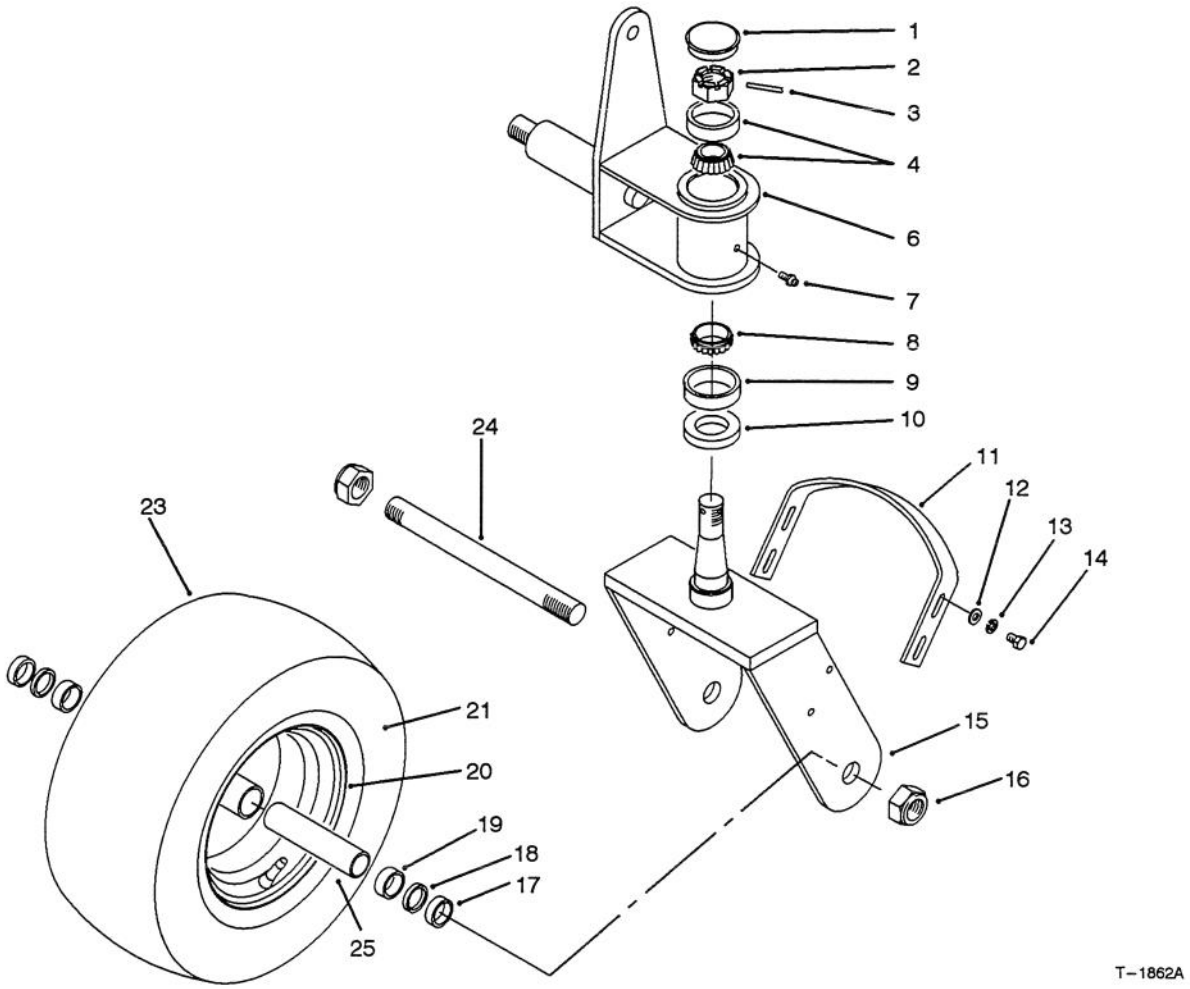
Ref. No.	Part No.	Description	No. Used
16	92–9407	Plate – Tie	2
17	92–9408	Stud	4
18	283–72	Pin – Lynch	2
19	92–9406	Bracket – Tie	2
20	92–9409	Pin – Tie	2
21	32120–30	Ring – Retaining	4
22	302–5	Fitting – Grease	2
23	92–9928	Rod – Adjuster	2
24	92–9414	Nut – Lock	6
25	92–9413	Nut – Adjuster	4
26	92–9405	Trunnion – Adjuster	2
27	92–9401	Arm W.A. – Torsion	2
28	92–9389	Housing – Shaft, Inner	2
29	251–314	Bearing	2
30	92–9926	Assembly – Ball End	2



TRAILING & STABILIZING ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296–70	Nut – Lock	6
2	32108–20	Screw – Flat Hd. Slotted	4
3	71–7510	Pad – Absorber, Shock	2
4	3296–39	Nut – Lock	2
5	92–9444	Washer	4
6	3296–61	Nut – Lock	2
7	92–9459	Shaft W.A. – Pivot	2
8	92–9461	Arm – Stabilizer	2
9	302–5	Fitting – Grease	4
10	327–5	Screw – Cap Hex. Hd.	2
11	65–5370	Decal	2
12	92–9478	Stop – Traveling	2

Ref. No.	Part No.	Description	No. Used
13	71–7530	Grommet	2
14	58–6520	Decal – Grease	4
15	302–64	Fitting – Grease	4
16	323–20	Screw – Cap Hex. Hd.	2
17	92–9445	Assy. – Trailing Arm, L.H.	1
*	92–9446	Assy. – Trailing Arm, R.H.	1
18	92–9441	Shaft W.A. – Trailing Arm	2
19	3274–5	Screw – Cap Hex. Socket	12
20	3296–23	Nut – Lock	12
21	92–3173	Decal	2
22	237–38	O–Ring	8

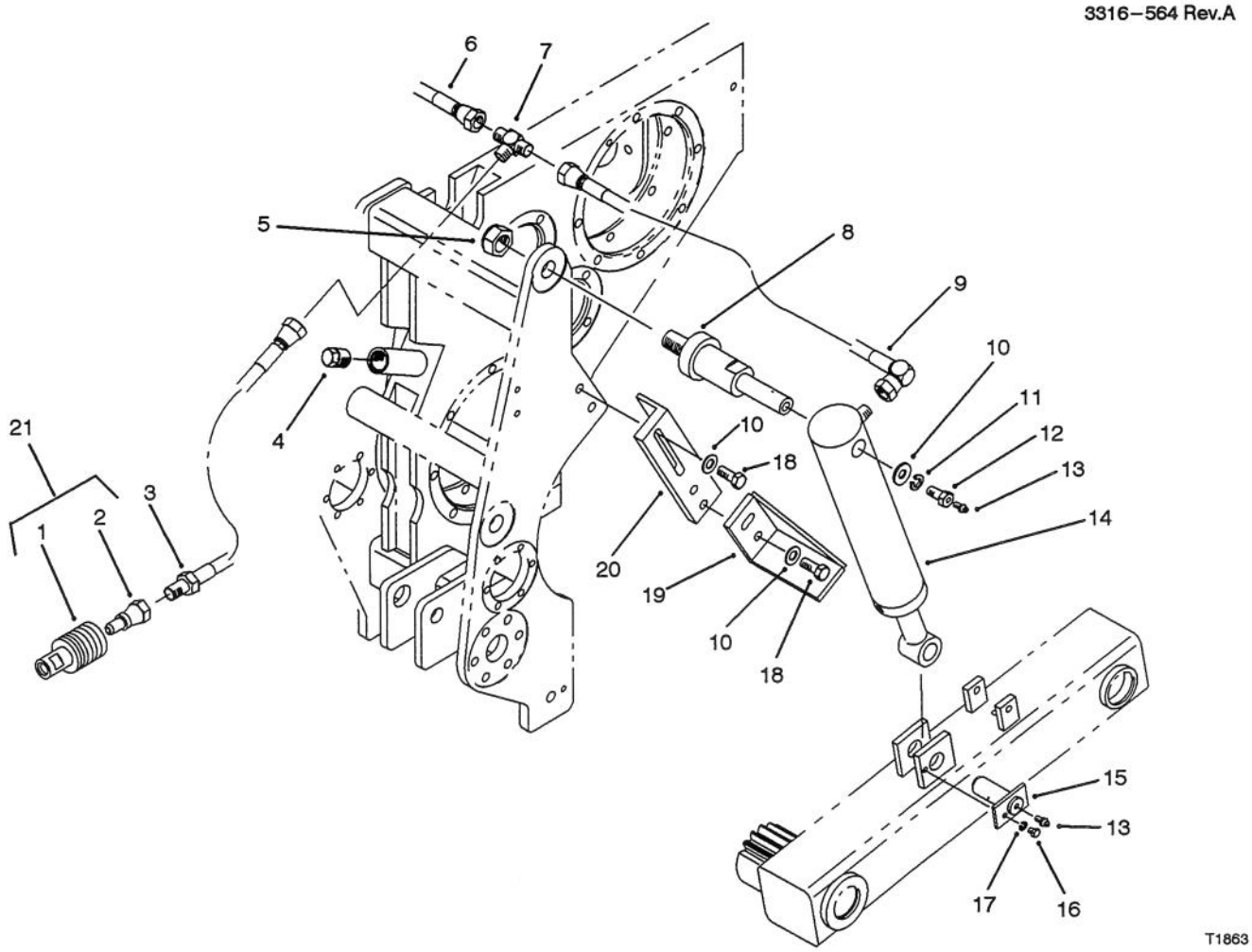


T–1862A

CASTOR WHEEL & FORK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–9878	Cap	2
2	70–9460	Nut – Castle	2
3	32121–34	Pin – Roll	2
4	71–6780	Bearing	2
6	92–9464	Mount W.A. – Caster Brg.	2
7	302–5	Fitting – Grease	2
8	254–106	Cone	2
9	254–107	Cup	2
10	92–9879	Seal	2
11	92–9479	Scraper – Tire	2
12	3256–24	Washer – Flat	4
13	3253–4	Washer – Lock	4

Ref. No.	Part No.	Description	No. Used
14	322–3	Screw – Cap Hex. Hd.	4
15	92–9470	Fork W.A. – Caster	2
16	3296–70	Nut – Lock	4
17	71–6750	Spacer	4
18	253–163	Seal	4
19	251–350	Bearing	4
20	92–9880	Wheel	2
21	92–9881	Tube – Inner	2
23	92–9882	Tire	2
24	92–9475	Shaft – Axle	2
25	92–9945	Spacer – Tube	2



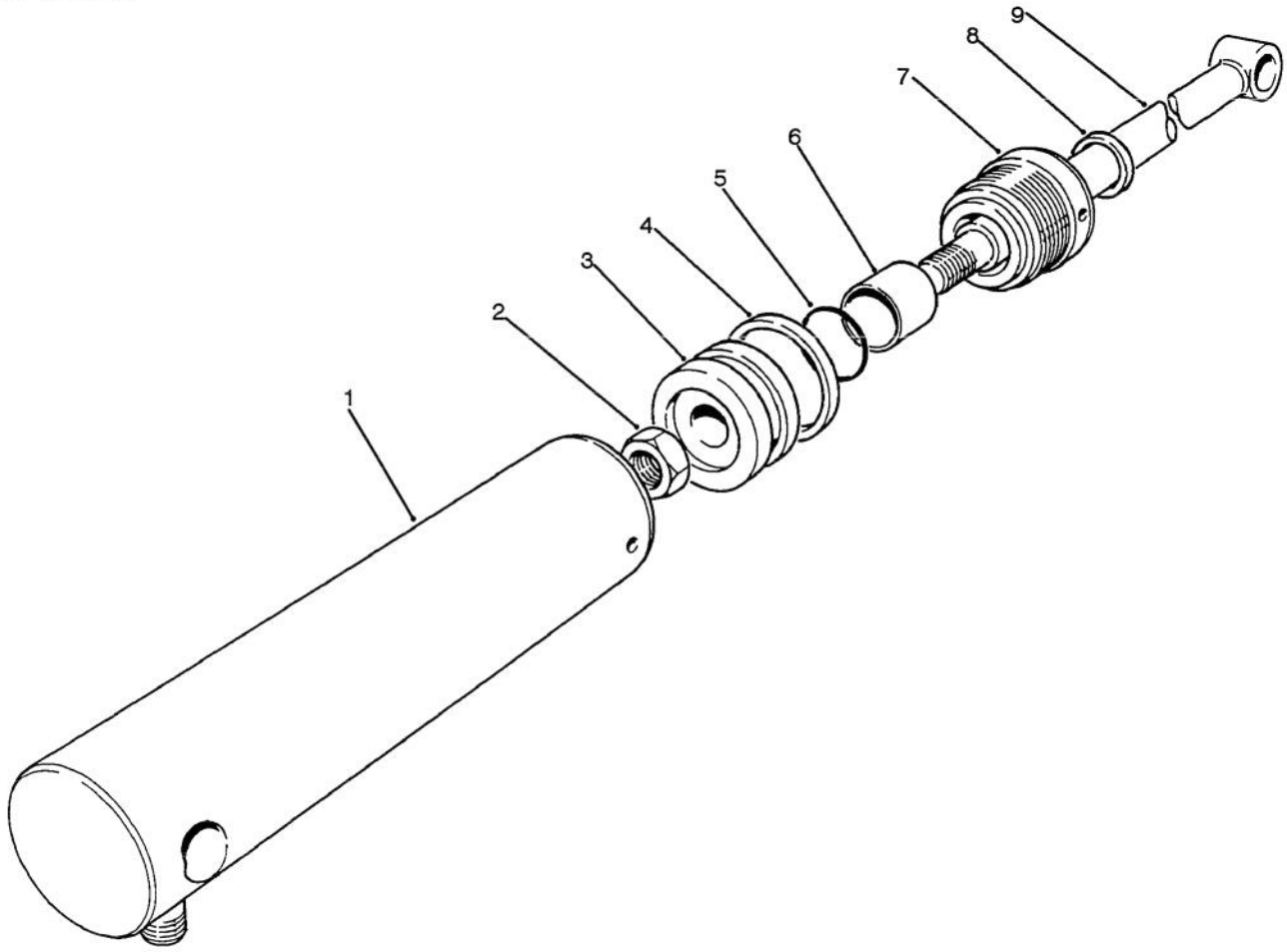
T1863

HYD. CYLINDER, HOSE & HEIGHT ADJUSTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1		Body – Female	1
2		Tip – Male	1
3	92–9884	Hose – Hydraulic	1
4	285–20	Plug – Pipe	2
5	3296–70	Nut – Lock	2
6	92–9886	Hose – Hydraulic, Right	1
7	92–9883	Fitting – Tee	1
8	92–9453	Shaft – Mount, Cylinder	2
9	92–9885	Hose – Hydraulic, Left	1
10	3256–5	Washer – Flat	10
11	3253–7	Washer – Lock	2
12	92–9877	Screw – Special	2

Ref. No.	Part No.	Description	No. Used
13	302–5	Fitting – Grease	4
14	71–6560	Cylinder – Hydraulic	2
15	92–9456	Pin W.A. – Short	2
16	321–4	Screw – Cap Hex. Hd.	2
17	3253–3	Washer – Lock	2
18	325–5	Screw – Cap Hex. Hd.	8
19	92–9395	Foot W.A. – Height Adj. L.H.	1
*	92–9396	Foot W.A. – Height Adj. R.H.	1
20	92–9391	Adjuster – Height, L.H.	1
*	92–9392	Adjuster – Height, R.H.	1
21	71–7060	Coupler – Quick (Incl. Ref. #1 & 2)	1

*Not Illustrated



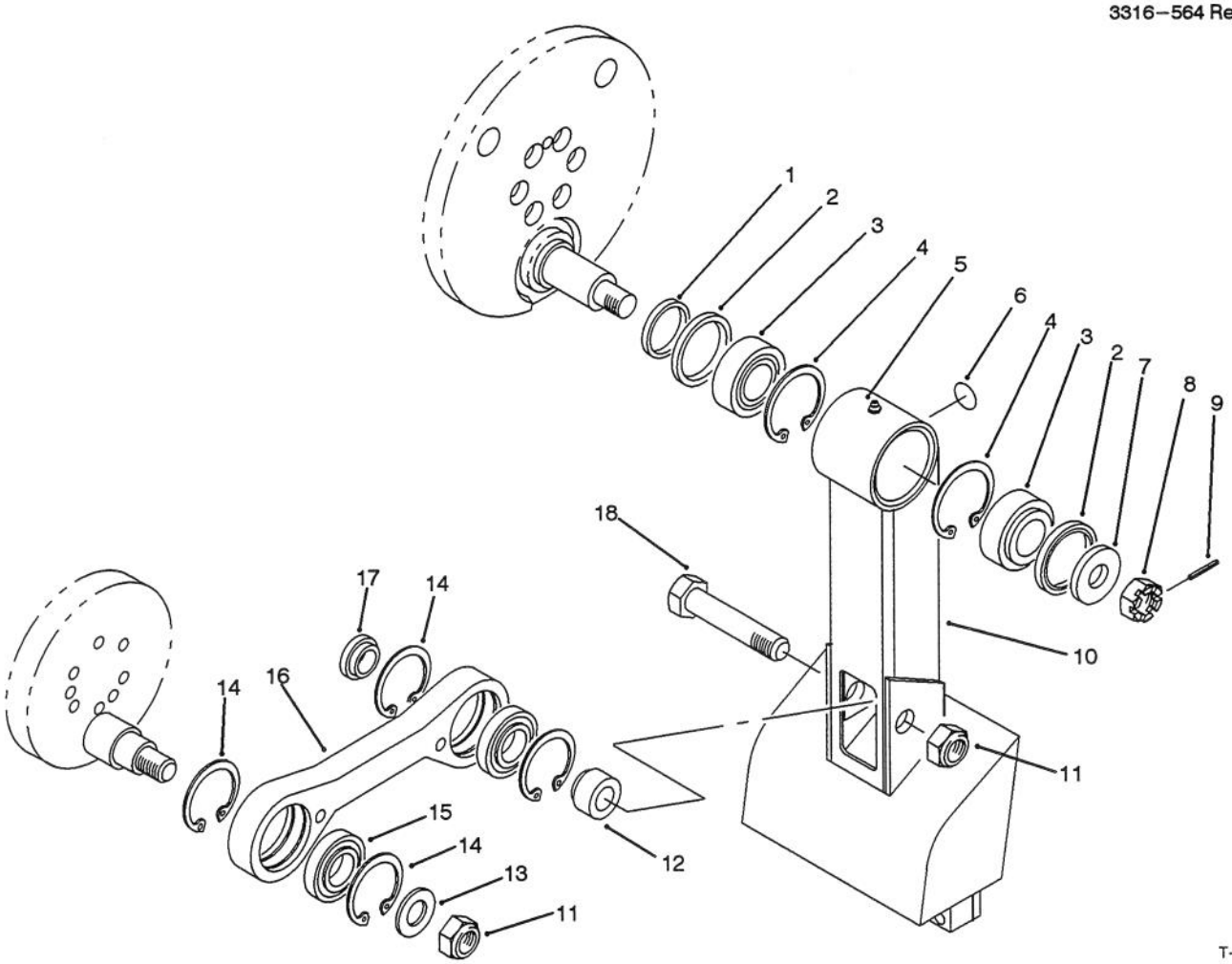
T–0899

CYLINDER ASSEMBLY 71–6560

Ref. No.	Part No.	Description	No. Used
1		Barrel	1
†2		Nut	1
†3		Piston	1
†4		Seal – Piston	1
†5		O–Ring, Seal	1
†6		Bushing – Bronze	1
†7		Cap – End	1
†8		Seal – Wiper	1
†9		Rod	1
*	71–6560	Cylinder – Complete	1
*	71–6640	Kit – Seal (Incl. Ref. #4–6 & 8)	1

*Not Illustrated

† Not Serviced Separately

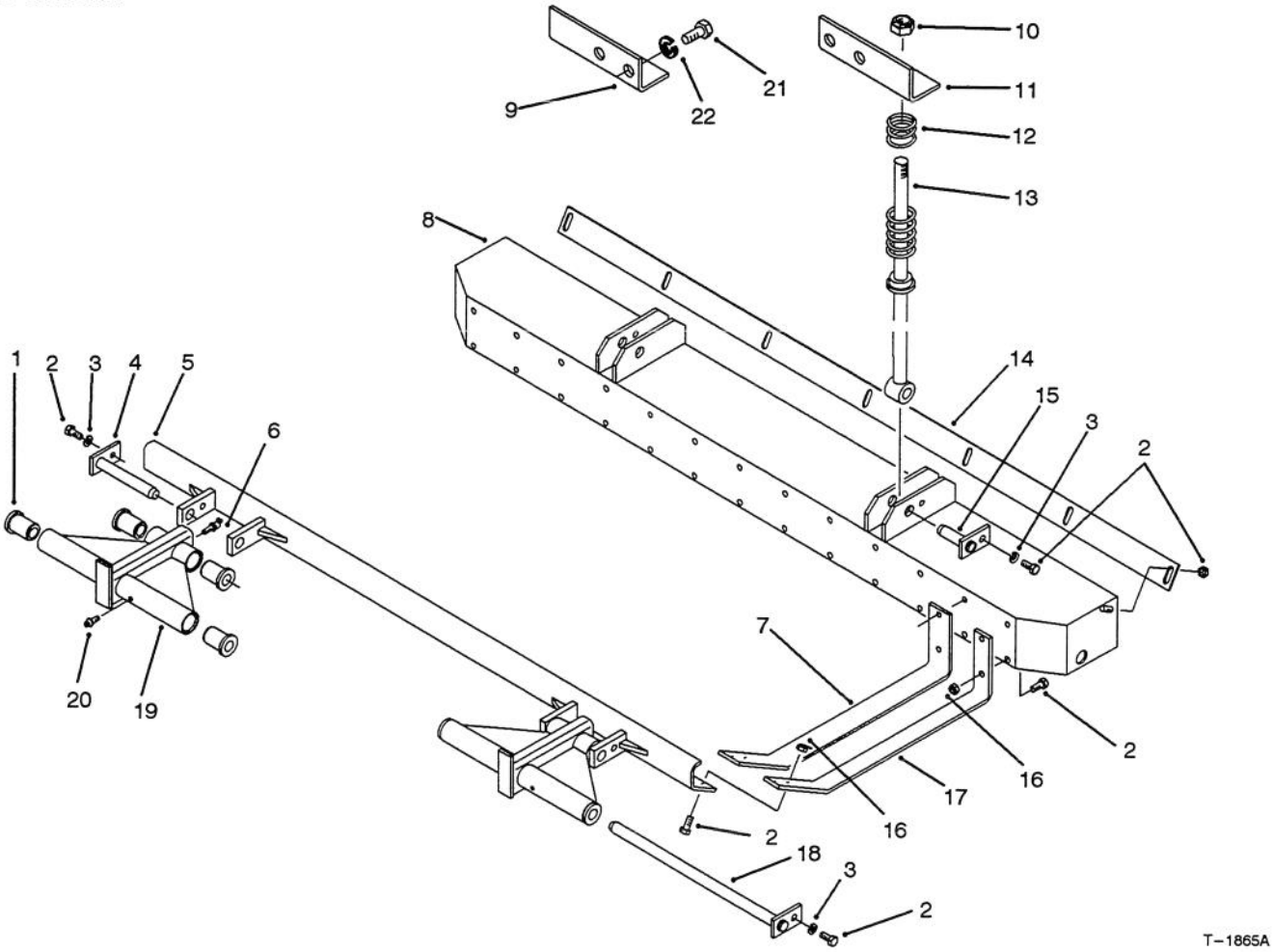


T–1864

STOMPER ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70–9580	Ring – Retaining, Seal	4
2	72–3840	Seal	8
3	72–3810	Bearing	8
4	82–3190	Ring – Retaining	8
5	302–5	Fitting – Grease	4
6	58–6520	Decal – Grease	4
7	70–9570	Washer – Retaining, Seal	4
8	70–9460	Nut – Castle	4
9	32121–34	Pin – Roll	4

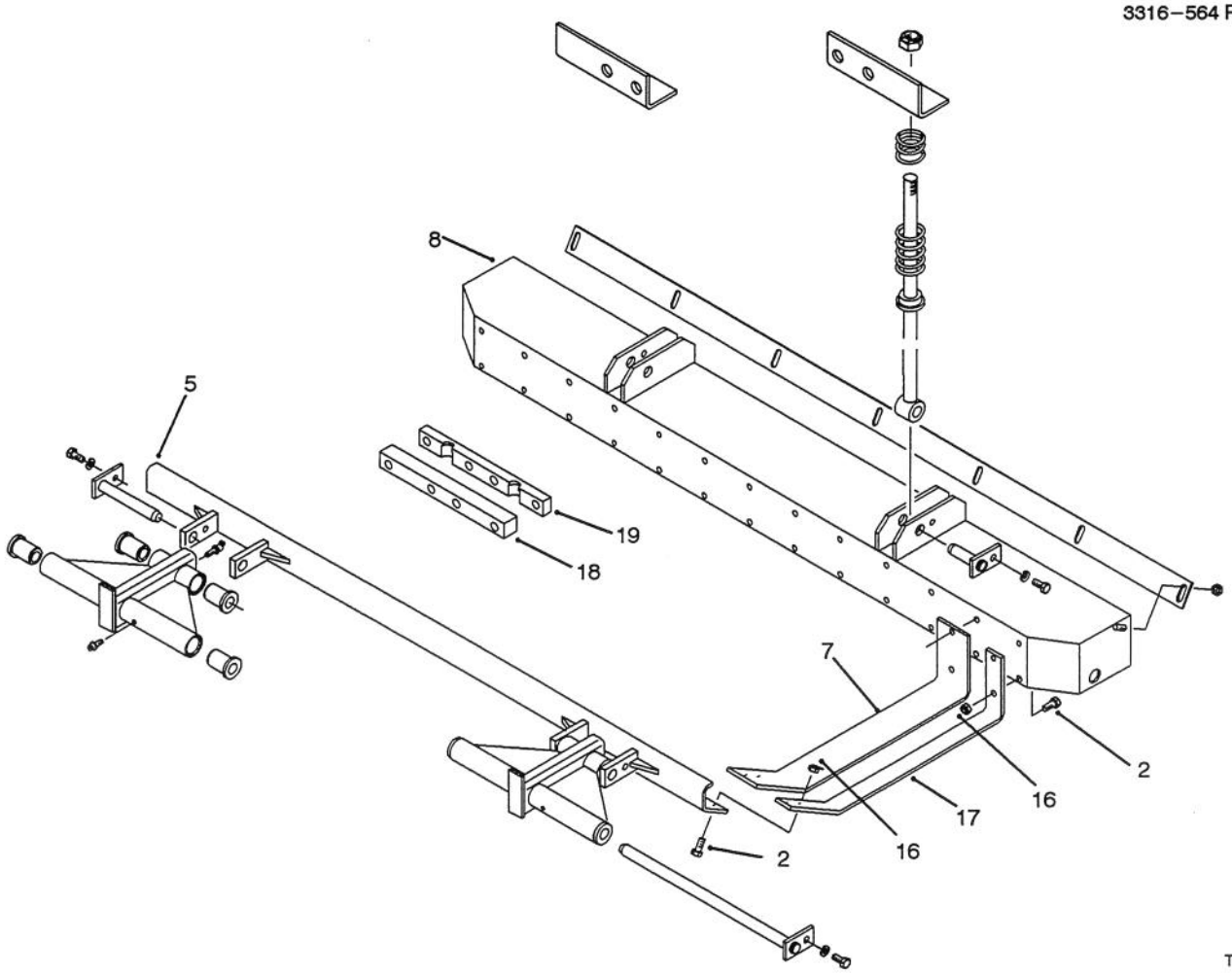
Ref. No.	Part No.	Description	No. Used
10	92–9430	Stomper W.A.	4
11	3296–70	Nut – Lock	8
12	72–8060	Spacer – Long	4
13	3256–62	Washer – Flat	4
14	32151–88	Ring – Retaining	16
15	72–8070	Bearing	8
16	77–3040	Conrod	4
17	72–8090	Spacer – Short	4
18	70–9550	Screw – Cap Hex. Hd.	4



6 TINE FINGER PLATE & SCRAPER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–9485	Bushing	8
2	322–3	Screw – Cap Hex. Hd.	45
3	3253–4	Washer – Lock	6
4	92–9492	Pin W.A.. – Short	2
5	92–9486	Panel W.A. – Front	1
6	302–61	Fitting – Grease 45°	2
7	92–9493	Leaf – Inner	11
8	92–9496	Panel W.A. – Rear	1
9	92–9930	Bracket – Spring, R.H.	1
10	3296–50	Nut – Lock	2
11	92–9929	Bracket – Spring, L.H.	1

Ref. No.	Part No.	Description	No. Used
12	92–9863	Spring	2
13	92–9859	Shaft –Spring	2
14	92–9852	Scraper – Roller	1
15	92–9856	Pin W.A.	2
16	3296–29	Nut – Lock	39
17	92–9494	Leaf – Outer	2
18	92–9490	Pin W.A. – Long	2
19	92–9480	Attachment W.A.	2
20	302–5	Fitting – Grease	2
21	325–2	Screw – Cap Hex. Hd.	4
22	3253–7	Washer – Lock	4

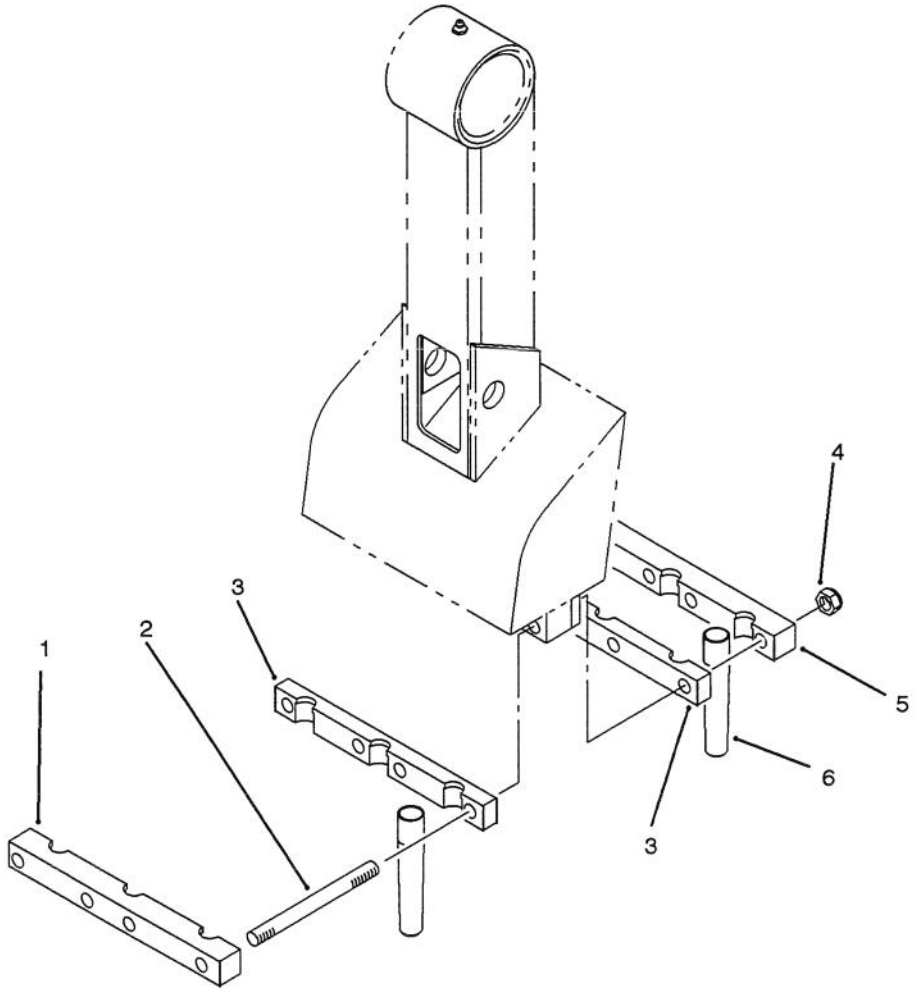


T–1874A

MODEL NO. 09610 OPTIONAL 2 TINE ADAPTION KIT

Ref. No.	Part No.	Description	No. Used
2	322–5	Screw – Cap Hex. Hd.	36
5	92–9866	Panel W.A. – Front	1
7	92–9495	Leaf – Inner	7
8	92–9868	Panel W.A. – Rear	1

Ref. No.	Part No.	Description	No. Used
16	3296–29	Nut – Lock	36
17	92–9494	Leaf – Outer	2
18	70–9270	Block – Inner	4
19	70–9260	Block – Outer	4

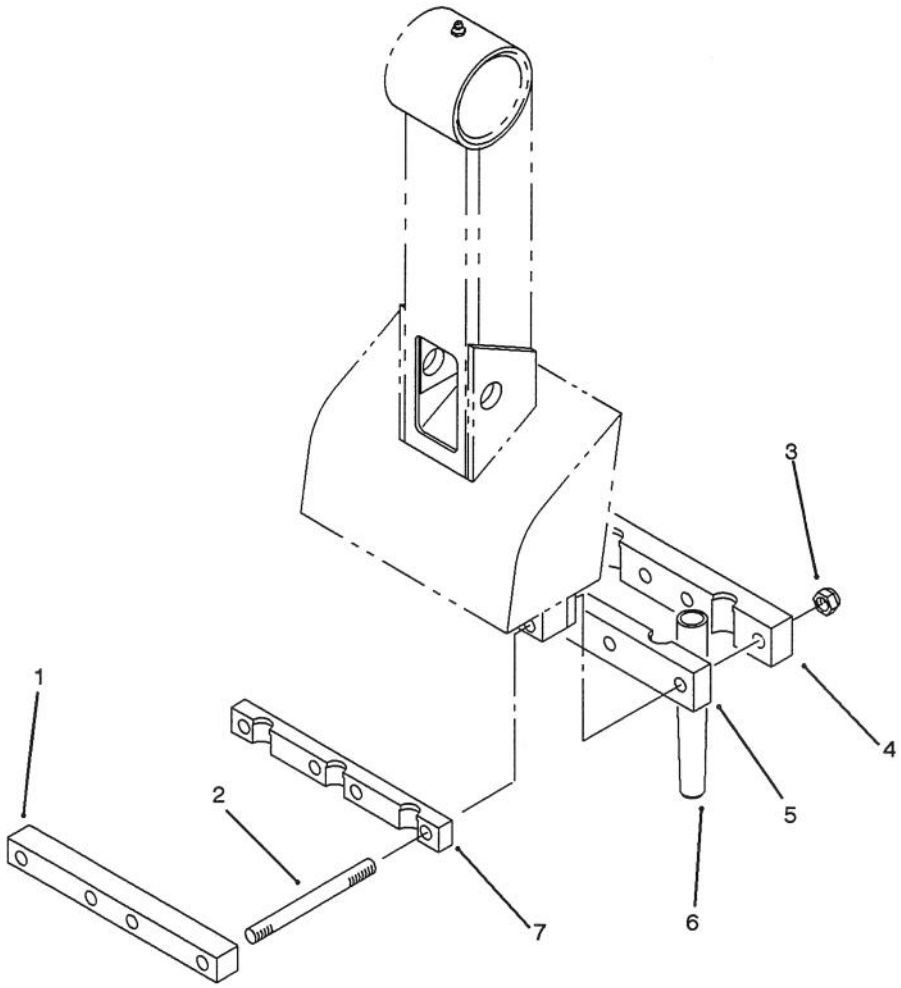


T–1866

6 TINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70–9390	Block – Bridging, 6 Tine	4
2	71–7120	Stud – 1/2" x 5–7/8" (150mm)	16
3	70–9400	Block – Inner, 6 Tine	8
4	3296–23	Nut – Lock	16
5	70–9380	Block – Outer, 6 Tine	4

Ref. No.	Part No.	Description	No. Used
6	62–4600	Tine – Tubular 3/4 x 4–3/4" Long	24
*	86–9720	Tine – Tubular 3/4 x 5–3/4" Long	24
*	92–7941	Tine – Open Center 3/4 x 4–3/4" Long	24
*	92–7900	Tine – Open Center 3/4 x 5–3/4" Long	24



T–1873A

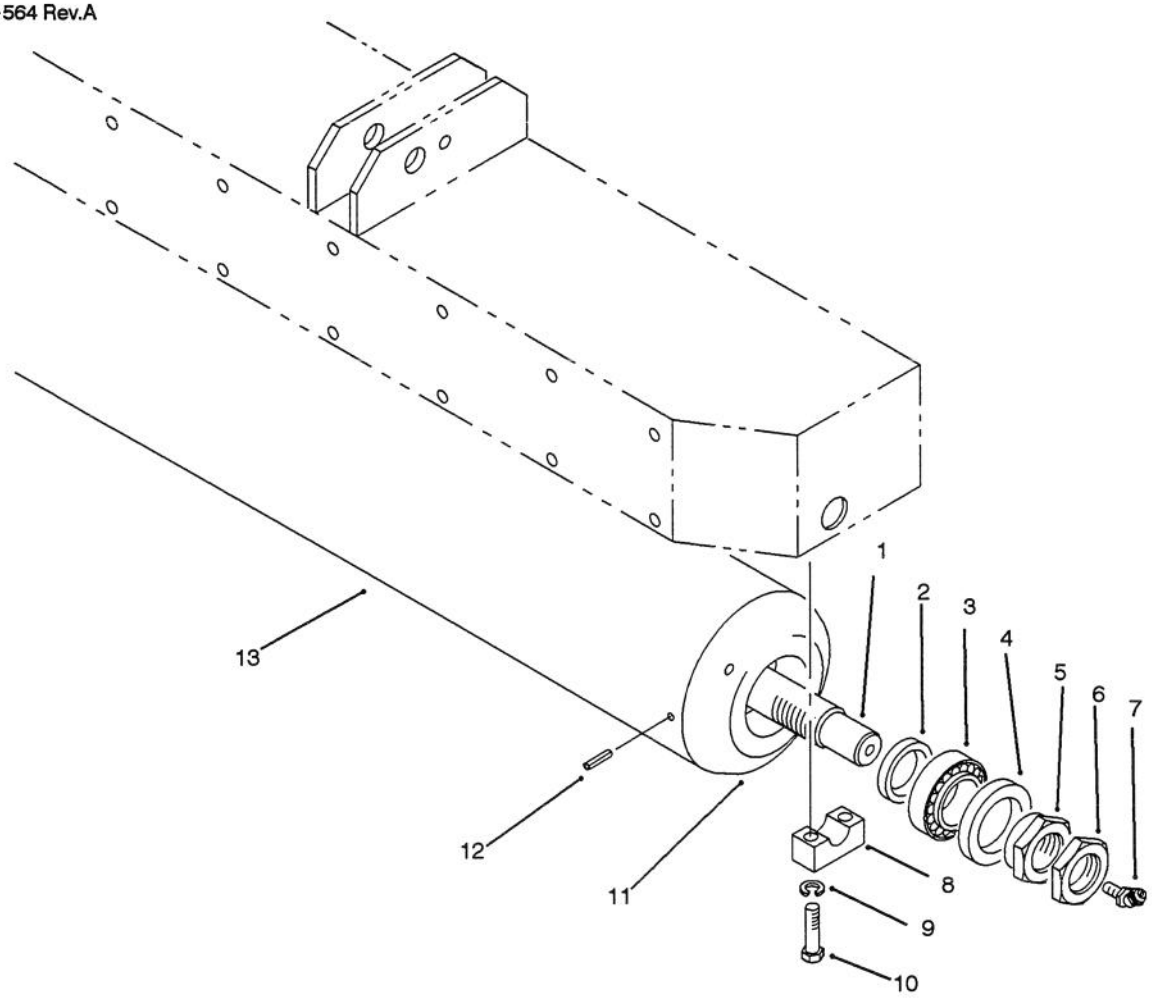
OPTIONAL 2 TINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
†1	70–9390	Block – Bridging	4
†2	71–7120	Stud – 1/2" x 5–7/8" (150mm)	16
†3	3296–23	Nut – Lock	16

Ref. No.	Part No.	Description	No. Used
‡4	70–9260	Block – Outer	4
‡5	70–9270	Block – Inner	4
6	71–0940	Tine – Tubular, 7/8 x 7" Lg.	8
†7	70–9400	Block	4

† Parts supplied with unit.

‡ Parts supplied with Adaption Kit.

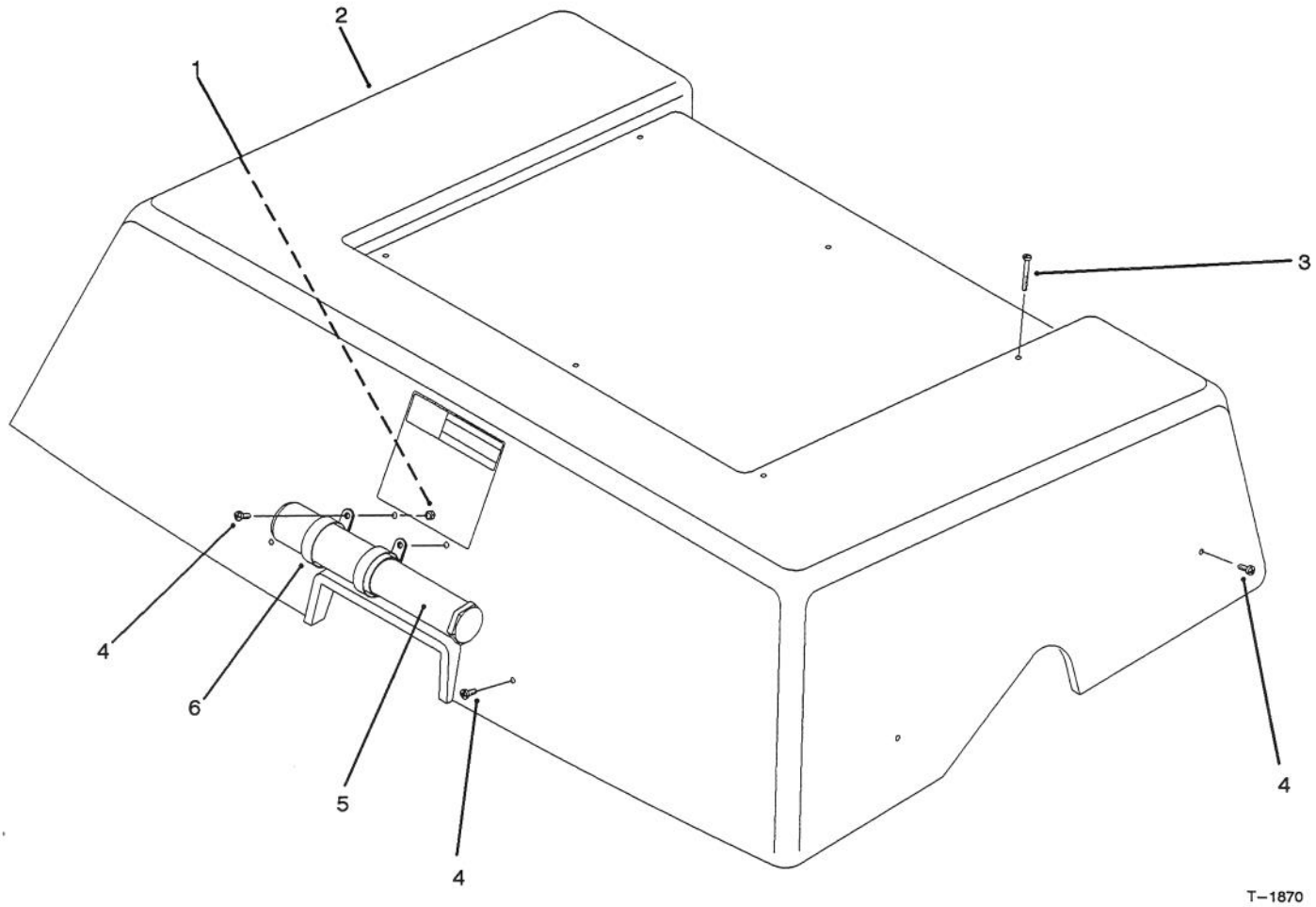


T–1867

ROLLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–9854	Shaft – Roller	1
2	72–3830	Seal	2
3	71–6780	Bearing – Roller	2
4	71–6790	Seal	2
5	71–7290	Nut – Roller	2
6	92–9855	Nut – Lock, Roller	2
7	302–61	Fitting – Grease	2

Ref. No.	Part No.	Description	No. Used
8	92–9851	Block – Mount	2
9	3253–6	Washer – Lock	4
10	3212–6	Screw – Cap Hex. Hd.	4
11	92–2429	Cap – End	2
12	32121–3	Pin – Roll	2
13	92–9853	Tube – Roller	1

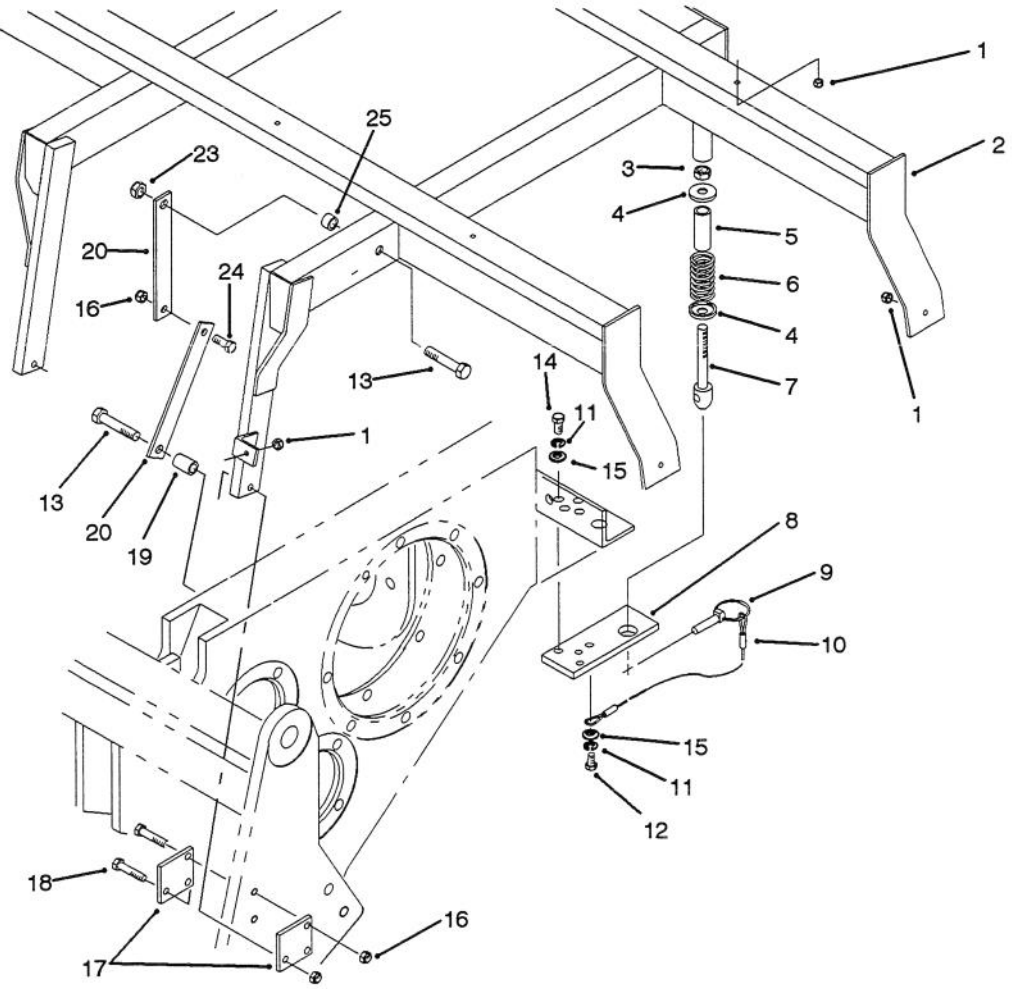


T–1870

HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296–42	Nut – Lock	2
2	92–9931	Hood	1
3	3250–21	Screw	6

Ref. No.	Part No.	Description	No. Used
4	3250–32	Screw	8
5	74–0720	Tube – Manual	1
6	2412–133	R–Clamp	2

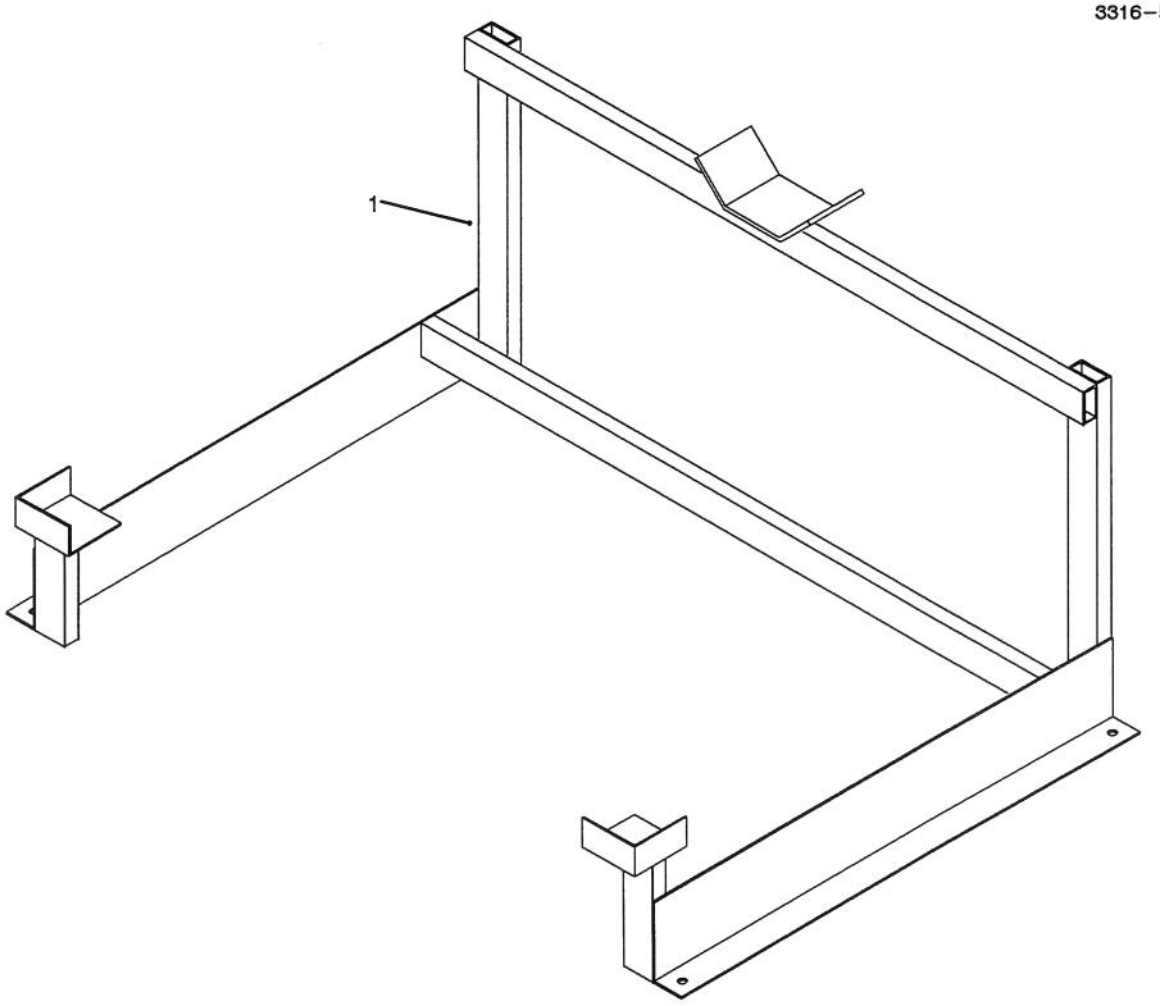


T–1975

HOOD FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296–42	Nut – Lock	12
2	92–9932	Frame W.A.	1
3	3217–9	Nut	2
4	92–9942	Washer	4
5	92–9888	Spacer – Tube	2
6	92–9895	Spring	2
7	92–9889	Pin – Latch	2
8	92–9940	Plate	2
9	283–71	Pin – Lynch (Incl. Ref. 10)	2
10	92–9941	Retainer – Pin & Cable	2
11	3253–21	Washer – Flat	2

Ref. No.	Part No.	Description	No. Used
12	323–4	Screw – Cap Hex. Hd.	2
13	325–9	Screw – Cap Hex. Hd.	2
14	323–5	Screw – Cap Hex. Hd.	6
15	3256–3	Washer – Flat	8
16	3296–22	Nut – Lock	6
17	92–9947	Plate – Hinge	4
18	323–10	Screw – Cap Hex. Hd.	6
19		Spacer – Long	1
20	92–9892	Link	2
23	3296–23	Nut – Lock	1
24	323–6	Screw – Cap Hex. Hd.	1
25		Spacer – Short	1



T–1868

STAND ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–9870	Stand W.A.	1

Ref. No.	Part No.	Description	No. Used

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
58–6520	Decal – Grease	13	6	4
58–6520	Decal – Grease	9	14	4
59–9930	Decal – Danger	1	1	2
62–4600	Tine – Tubular	16	6	24
65–5370	Decal	9	11	2
70–9220	Bearing	2	6	6
70–9260	Block – Outer	17	4	4
70–9260	Block – Outer	15	19	4
70–9270	Block – Inner	17	5	4
70–9270	Block – Inner	15	18	4
70–9330	Bearing	4	9	8
70–9340	Seal	4	7	8
70–9380	Block – Outer, 6 Tine	16	5	4
70–9390	Block – Bridging	17	1	4
70–9390	Block – Bridging, 6 Tine	16	1	4
70–9400	Block	17	7	4
70–9400	Block – Inner, 6 Tine	16	3	8
70–9460	Nut – Castle	10	2	2
70–9460	Nut – Castle	13	8	4
70–9550	Screw – Cap Hex. Hd.	13	18	4
70–9570	Washer – Retaining, Seal	13	7	4
70–9580	Ring – Retaining, Seal	13	1	4
70–9710	Nut	6	3	1
70–9710	Nut	5	24	1
70–9720	Nut	6	2	1
70–9720	Nut	5	25	1
71–0940	Tine – Tubular, 7/8 x 7 Lg.	17	6	8
71–6490	Seal	6	4	1
71–6490	Seal	5	5	1
71–6560	Cylinder – Complete	12	*	1
71–6560	Cylinder – Hydraulic	11	14	2
71–6630	Bearing	3	4	4
71–6640	Kit – Seal	12	*	1
71–6690	Bearing	6	13	1
71–6690	Bearing	5	23	1
71–6700	Bearing	5	10	1
71–6700	Bearing	6	12	1
71–6750	Spacer	10	17	4
71–6780	Bearing	10	4	2
71–6780	Bearing – Roller	18	3	2
71–6790	Seal	18	4	2
71–7060	Coupler – Quick	11	21	1
71–7100	Pin – Roll	4	2	8
71–7120	Stud – 1/2 x 5–7/8	17	2	16
71–7120	Stud – 1/2 x 5–7/8	16	2	16
71–7290	Nut – Roller	18	5	2
71–7300	Gear – 30 Tooth	5	*	1
71–7300	Gear – 30 Tooth	6	*	1
71–7310	Gear – 31 Tooth	5	*	1
71–7310	Gear – 31 Tooth	6	*	1
71–7320	Gear – 32 Tooth	6	*	1
71–7320	Gear – 32 Tooth	5	12	1
71–7330	Gear – 33 Tooth	5	*	1
71–7330	Gear – 33 Tooth	6	*	1
71–7340	Gear – 34 Tooth	5	*	1
71–7340	Gear – 34 Tooth	6	*	1
71–7350	Gear – 35 Tooth	5	*	1
71–7350	Gear – 35 Tooth	6	*	1
71–7360	Gear – 36 Tooth	5	*	1
71–7360	Gear – 36 Tooth	6	*	1
71–7370	Gear – 37 Tooth	5	*	1
71–7370	Gear – 37 Tooth	6	*	1
71–7380	Gear – 38 Tooth	5	*	1
71–7380	Gear – 38 Tooth	6	*	1
71–7390	Gear – 39 Tooth	5	*	1
71–7390	Gear – 39 Tooth	6	*	1
71–7400	Gear – 40 Tooth	6	9	1
71–7400	Gear – 40 Tooth	5	12	1
71–7510	Pad – Absorber, Shock	9	3	2
71–7530	Grommet	9	13	2
72–3810	Bearing	13	3	8
72–3820	Bearing	2	10	2
72–3830	Seal	18	2	2
72–3840	Seal	13	2	8
72–8060	Spacer – Long	13	12	4
72–8070	Bearing	13	15	8
72–8090	Spacer – Short	13	17	4
72–8100	Assembly – Crank, Bottom	4	12	4
74–0720	Tube – Manual	19	5	1
76–3650	Gear – Crank, Top	4	10	2
76–3660	Gear – Crank, Bottom	4	11	2
76–3710	Coupling – Flange, Splined	2	2	2
77–3040	Conrod	13	16	4
77–4660	Kit – Flange	7	26	1
77–4670	Kit – Collar	7	25	1
77–4710	Yoke	7	4	1
77–4720	Cross & Bearing Kit	7	5	2
77–4730	Cone – Shield	7	6	1
77–4740	Ring – Bearing	7	7	2
77–4760	Chain – Safety	7	13	1
77–4770	Clutch – Radial Pin	7	14	1
77–4790	Bearing – Support	7	10	1
82–3190	Ring – Retaining	13	4	8
82–3220	Decal – Bar, Timing	1	3	1
84–6370	Fitting – Grease	7	22	1
86–9720	Tine – Tubular	16	*	24
92–2429	Cap – End	18	11	2
92–3000	Flange – Bearing, Crank	4	6	8
92–3005	Stud	4	5	64
92–3005	Stud	5	9	4
92–3005	Stud	2	13	32
92–3006	Nut	4	4	64
92–3006	Nut	5	4	4
92–3006	Nut	2	14	32
92–3010	Housing – Bearing	6	7	1
92–3010	Housing – Bearing	5	8	1
92–3012	O–Ring, Seal	4	8	8
92–3012	O–Ring, Seal	5	21	1
92–3013	O–Ring, Seal	2	8	8
92–3013	O–Ring, Seal	6	8	1
92–3013	O–Ring, Seal	5	22	1
92–3173	Decal	9	21	2
92–7900	Tine – Open Center	16	*	24
92–7934	Tube – Shield, Outer	7	8	1
92–7935	Tube – Inner, Shield	7	12	1
92–7936	Decal – Out	7	9	1
92–7937	Decal – In	7	11	1
92–7938	Fitting – Grease 45°	7	20	2
92–7939	Assembly – Shaft, Drive	6	1	1
92–7939	Drive Line (Complete)	7	*	1
92–7941	Tine – Open Center	16	*	24
92–9359	Gear – Drive, Input	2	9	2
92–9360	Shaft – Drive, Splined	2	3	2
92–9361	Spacer	2	7	2
92–9362	Housing – Bearing	2	4	2
92–9363	Housing – Bearing	2	12	2
92–9364	Flange – Gear, Idler	2	15	4
92–9365	Gear – Idler	2	16	2
92–9366	Frame	1	2	1
92–9384	Shaft – Torsion	8	10	2
92–9387	Washer	8	2	2
92–9388	Housing – Outer, Shaft	8	8	2
92–9389	Housing – Shaft, Inner	8	28	2
92–9390	Gear – Quadrant	8	11	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92–9391	Adjuster – Height, L.H.	11	20	1
92–9392	Adjuster – Height, R.H.	11	*	1
92–9395	Foot W.A. – Height Adj. L.H.	11	19	1
92–9396	Foot W.A. – Height Adj. R.H.	11	*	1
92–9401	Arm W.A. – Torsion	8	27	2
92–9405	Trunnion – Adjuster	8	26	2
92–9406	Bracket – Tie	8	19	2
92–9407	Plate – Tie	8	16	2
92–9408	Stud	8	17	4
92–9409	Pin – Tie	8	20	2
92–9413	Nut – Adjuster	8	25	4
92–9414	Nut – Lock	8	24	6
92–9415	Housing W.A. – Gearbox	5	11	1
92–9420	Cover – Hatch	5	20	1
92–9421	Bar – Latch	5	18	1
92–9424	Tube – Support	5	1	1
92–9428	Coupling – Splined	5	26	1
92–9430	Stomper W.A.	13	10	4
92–9441	Shaft W.A. – Trailing Arm	9	18	2
92–9444	Washer	9	5	4
92–9445	Assy. – Trailing Arm, L.H.	9	17	1
92–9446	Assy. – Trailing Arm, R.H.	9	*	1
92–9453	Shaft – Mount, Cylinder	11	8	2
92–9456	Pin W.A. – Short	11	15	2
92–9459	Shaft W.A. – Pivot	9	7	2
92–9461	Arm – Stabilizer	9	8	2
92–9464	Mount W.A. – Caster Brg.	10	6	2
92–9470	Fork W.A. – Caster	10	15	2
92–9475	Shaft – Axle	10	24	2
92–9478	Stop – Traveling	9	12	2
92–9479	Scraper – Tire	10	11	2
92–9480	Attachment W.A.	14	19	2
92–9485	Bushing	14	1	8
92–9486	Panel W.A. – Front	14	5	1
92–9490	Pin W.A. – Long	14	18	2
92–9492	Pin W.A.. – Short	14	4	2
92–9493	Leaf – Inner	14	7	11
92–9494	Leaf – Outer	14	17	2
92–9494	Leaf – Outer	15	17	2
92–9495	Leaf – Inner	15	7	7
92–9496	Panel W.A. – Rear	14	8	1
92–9851	Block – Mount	18	8	2
92–9852	Scraper – Roller	14	14	1
92–9853	Tube – Roller	18	13	1
92–9854	Shaft – Roller	18	1	1
92–9855	Nut – Lock, Roller	18	6	2
92–9856	Pin W.A.	14	15	2
92–9859	Shaft –Spring	14	13	2
92–9863	Spring	14	12	2
92–9864	Pin 'A' – Link, Lower	1	7	2
92–9865	Pin 'B' – Link, Lower	1	6	2
92–9866	Panel W.A. – Front	15	5	1
92–9868	Panel W.A. – Rear	15	8	1
92–9870	Stand W.A.	21	1	1
92–9872	Fitting – Grease	8	13	2
92–9873	Ring – Retaining	2	11	2
92–9873	Ring – Retaining	3	17	1
92–9874	Bushing	8	7	4
92–9875	Seal	2	5	2
92–9876	Bar – Timing	1	4	1
92–9877	Screw – Special	11	12	2
92–9878	Cap	10	1	2
92–9879	Seal	10	10	2
92–9880	Wheel	10	20	2
92–9881	Tube – Inner	10	21	2
92–9882	Tire	10	23	2
92–9883	Fitting – Tee	11	7	1
92–9884	Hose – Hydraulic	11	3	1
92–9885	Hose – Hydraulic, Left	11	9	1
92–9886	Hose – Hydraulic, Right	11	6	1
92–9887	Guard – Ring	7	27	1
92–9888	Spacer – Tube	20	5	2
92–9889	Pin – Latch	20	7	2
92–9890	Gear Box	2	1	1
92–9892	Link	20	20	2
92–9895	Spring	20	6	2
92–9904	Housing	3	8	1
92–9905	Plate – Back	3	11	1
92–9906	Gear – Bevel	3	13	2
92–9907	Collar – Shaft	3	16	1
92–9908	Spacer – Shaft	3	3	1
92–9909	Spacer	3	5	1
92–9910	Seal – Spacer	3	2	1
92–9911	Shaft – Input	3	14	1
92–9912	Shaft – Output	3	15	1
92–9913	Shim – Std. (.6 mm)	3	18	2
92–9914	Shim – Bevel Gear .05mm	3	*19	A/R
92–9915	Shim – Bevel Gear .08mm	3	*19	A/R
92–9916	Shim – Bevel Gear .25mm	3	*19	A/R
92–9917	Shim – Output Shaft .05mm	3	*19	A/R
92–9918	Shim – Output Shaft .08mm	3	*19	A/R
92–9919	Shim – Output Shaft .25mm	3	*19	A/R
92–9920	Kit – Shim	3	*	1
92–9921	Assembly – Shaft	3	*	1
92–9922	Seal – Oil	3	1	3
92–9923	Ring – Retaining	3	12	1
92–9924	Plug – Oil Level/Filler	3	9	1
92–9925	Bolt – Hex. Socket Hd.	3	10	4
92–9926	Assembly – Ball End	8	30	2
92–9928	Rod – Adjuster	8	23	2
92–9929	Bracket – Spring, L.H.	14	11	1
92–9930	Bracket – Spring, R.H.	14	9	1
92–9931	Hood	19	2	1
92–9932	Frame W.A.	20	2	1
92–9940	Plate	20	8	2
92–9941	Retainer – Pin & Cable	20	10	2
92–9942	Washer	20	4	4
92–9943	Shaft	6	10	1
92–9943	Shaft – Output	5	13	1
92–9944	Spacer – Coupling	5	3	2
92–9945	Spacer – Tube	10	25	2
92–9947	Plate – Hinge	20	17	4
92–9948	Assembly – Crank, Top	4	1	4
93–8750	Screw – Hex. Socket Hd.	5	27	4
93–8753	Washer – Spacer .88	1	9	4
93–8754	Washer – Spacer 1.00	1	*	4
93–8755	Washer – Spacer 1.12	1	*	4
93–8756	Washer – Spacer 1.25	1	*	4
237–38	O–Ring	9	22	8
237–38	O–Ring, Seal	8	6	4
2412–133	R–Clamp	19	6	2
251–314	Bearing	8	29	2
251–350	Bearing	10	19	4
253–163	Seal	10	18	4
254–106	Cone	10	8	2
254–107	Cup	10	9	2
283–71	Pin – Lynch	1	8	4
283–71	Pin – Lynch	20	9	2
283–72	Pin – Lynch	6	11	1
283–72	Pin – Lynch	5	14	1
283–72	Pin – Lynch	8	18	2
285–20	Plug – Pipe	11	4	2
285–21	Plug – Pipe	1	5	2
285–21	Plug – Pipe	3	7	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
285–21	Plug – Pipe	5	15	1
302–5	Fitting – Grease	5	2	1
302–5	Fitting – Grease	13	5	4
302–5	Fitting – Grease	10	7	2
302–5	Fitting – Grease	9	9	4
302–5	Fitting – Grease	11	13	4
302–5	Fitting – Grease	14	20	2
302–5	Fitting – Grease	8	22	2
302–61	Fitting – Grease	18	7	2
302–61	Fitting – Grease 45°	14	6	2
302–64	Fitting – Grease	9	15	4
321–4	Screw – Cap Hex. Hd.	11	16	2
322–3	Screw – Cap Hex. Hd.	14	2	45
322–3	Screw – Cap Hex. Hd.	10	14	4
322–5	Screw – Cap Hex. Hd.	15	2	36
323–4	Screw – Cap Hex. Hd.	20	12	2
323–5	Screw – Cap Hex. Hd.	20	14	6
323–6	Screw – Cap Hex. Hd.	20	24	1
323–8	Screw – Cap Hex. Hd.	8	9	8
323–9	Screw – Cap Hex. Hd.	8	4	8
323–9	Screw – Cap Hex. Hd.	6	5	6
323–9	Screw – Cap Hex. Hd.	5	6	6
323–10	Screw – Cap Hex. Hd.	20	18	6
323–20	Screw – Cap Hex. Hd.	9	16	2
325–2	Screw – Cap Hex. Hd.	14	21	4
325–5	Screw – Cap Hex. Hd.	11	18	8
325–7	Screw – Cap Hex. Hd.	5	16	1
325–9	Screw – Cap Hex. Hd.	20	13	2
327–5	Screw – Cap Hex. Hd.	9	10	2
3212–6	Screw – Cap Hex. Hd.	18	10	4
3217–9	Nut	20	3	2
3217–12	Nut	8	14	4
3250–21	Screw	19	3	6
3250–32	Screw	19	4	8
3253–3	Washer – Lock	11	17	2
3253–4	Washer – Lock	14	3	6
3253–4	Washer – Lock	10	13	4
3253–6	Washer – Lock	18	9	4
3253–7	Washer – Lock	11	11	2
3253–7	Washer – Lock	2	17	12
3253–7	Washer – Lock	14	22	4
3253–9	Washer – Lock	8	15	4
3253–21	Washer – Flat	20	11	2
3253–21	Washer – Lock	8	5	16
3253–21	Washer – Lock	6	6	6
3253–21	Washer – Lock	5	7	6
3256–3	Washer – Flat	20	15	8
3256–5	Washer – Flat	11	10	10
3256–5	Washer – Flat	5	17	1
3256–24	Washer – Flat	10	12	4
3256–62	Washer – Flat	13	13	4
3274–4	Screw – Hex. Socket Hd.	4	3	48
3274–5	Screw – Cap Hex. Socket	9	19	12
3274–89	Screw – Hex. Socket Hd.	8	12	12
3274–89	Screw – Hex. Socket Hd.	2	18	12
3296–22	Nut – Lock	20	16	6
3296–23	Nut – Lock	17	3	16
3296–23	Nut – Lock	16	4	16
3296–23	Nut – Lock	9	20	12
3296–23	Nut – Lock	20	23	1
3296–29	Nut – Lock	14	16	39
3296–29	Nut – Lock	15	16	36
3296–39	Nut – Lock	9	4	2
3296–42	Nut – Lock	19	1	2
3296–42	Nut – Lock	20	1	12
3296–50	Nut – Lock	14	10	2
3296–61	Nut – Lock	9	6	2
3296–70	Nut – Lock	8	1	2
3296–70	Nut – Lock	9	1	6
3296–70	Nut – Lock	11	5	2
3296–70	Nut – Lock	13	11	8
3296–70	Nut – Lock	10	16	4
32108–20	Screw – Flat Hd. Slotted	9	2	4
32120–30	Ring – Retaining	8	21	4
32121–3	Pin – Roll	18	12	2
32121–34	Pin – Roll	10	3	2
32121–34	Pin – Roll	13	9	4
32121–49	Pin – Roll	5	19	1
32151–88	Ring – Retaining	8	3	2
32151–88	Ring – Retaining	13	14	16
32151–88	Ring – Snap	3	6	3

*Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The HC 4000 Aerator has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate located on the rear upper left hand corner of the main frame. In any correspondence concerning the HC 4000 Aerator, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial number of the HC 4000 Aerator.
2. Part number, description, and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

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Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.

MAINTENANCE RECORD

Date								

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