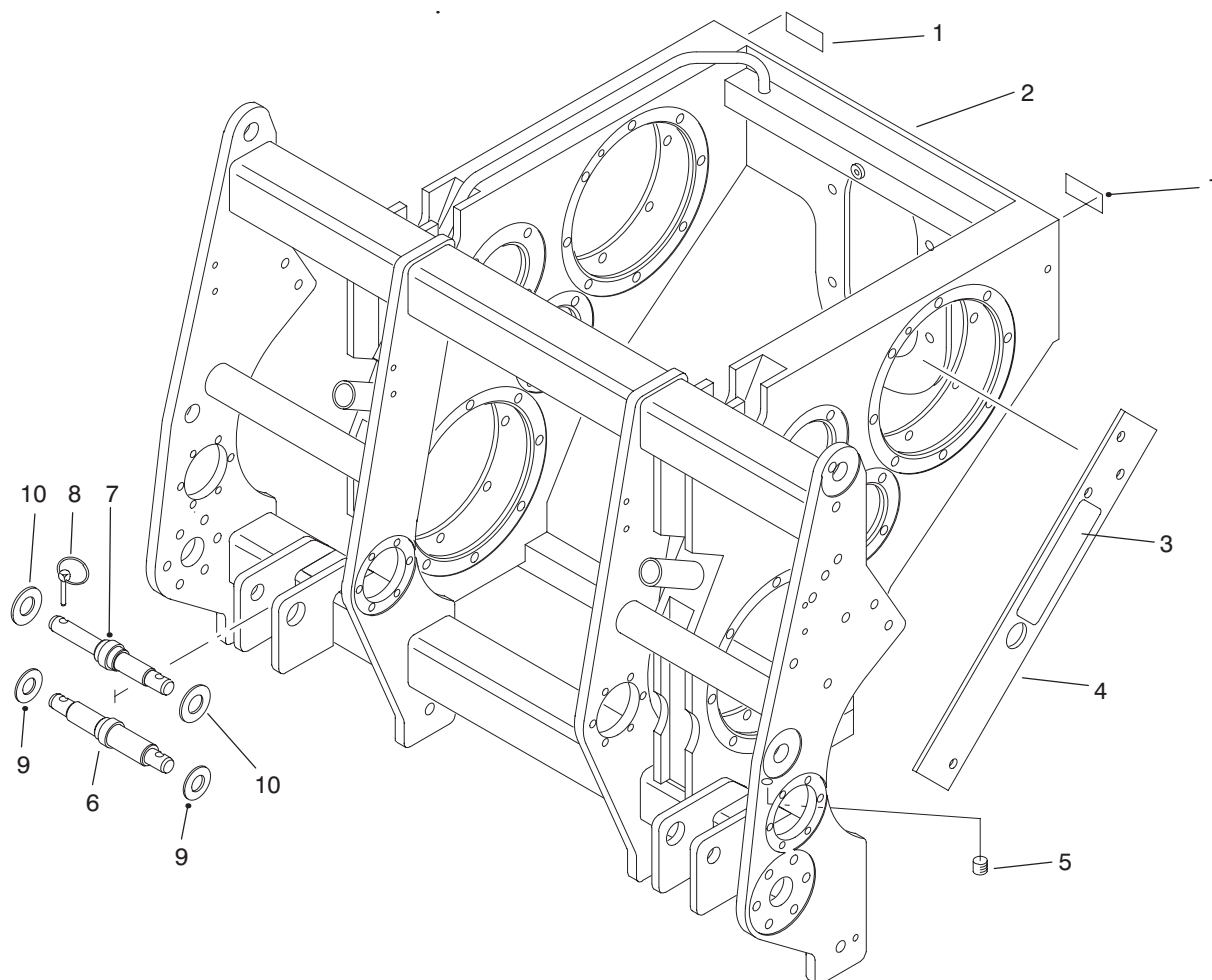




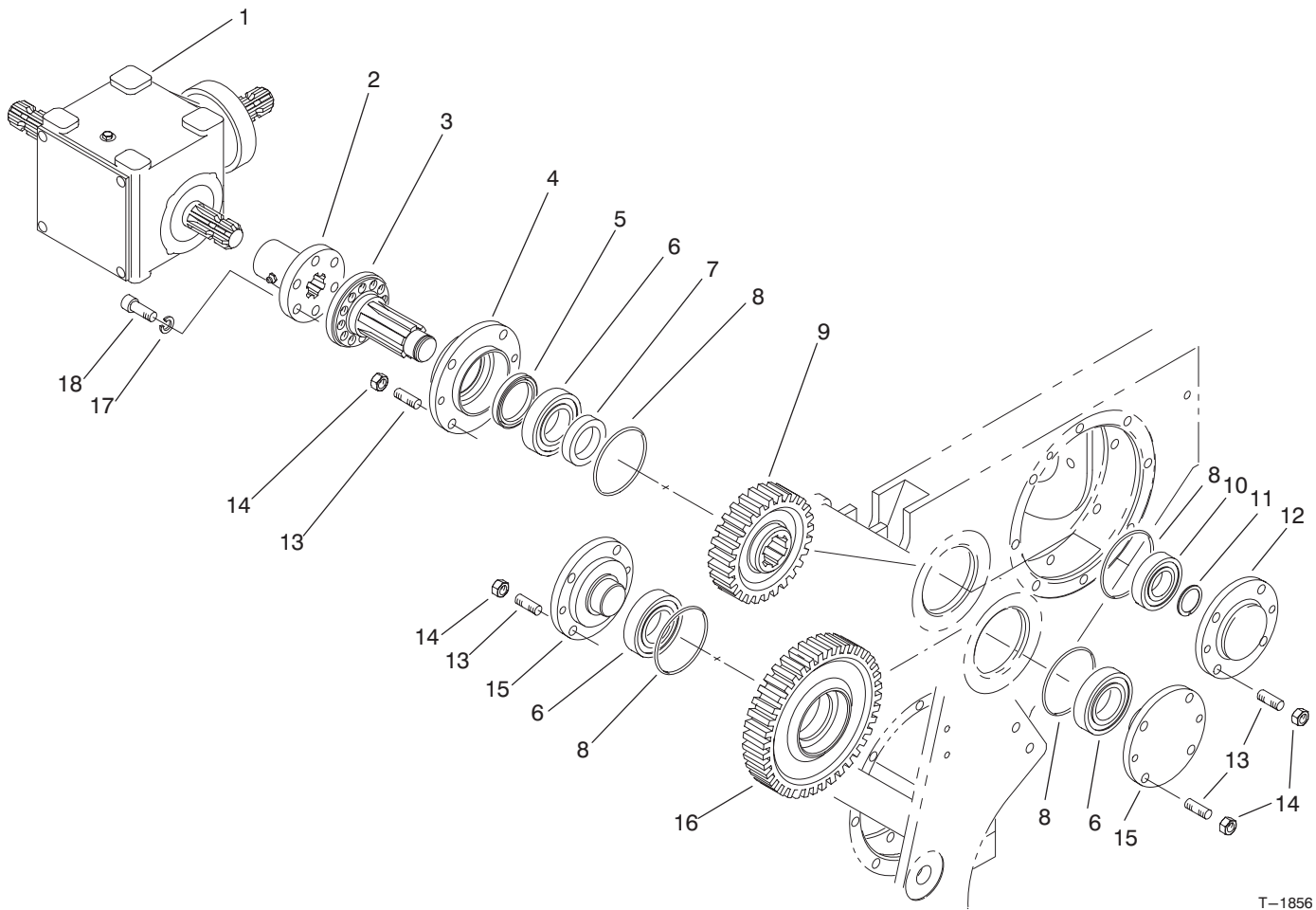
MODEL NO. 09600-60001 & UP

**PARTS
CATALOG**
HC 4000 AERATOR


T-1855

FRAME & LINK PIN ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	59-9930	Decal - Danger	2	7	92-9864	Pin 'A' - Link, Lower (.87 & 1" Dia.)	2
2	92-9366	Frame	1	8	283-71	Pin - Lynch	4
3	82-3220	Decal - Bar, Timing	1	9	93-8753	Washer - Spacer, .88	4
4	92-9876	Bar - Timing	1	10	93-8754	Washer - Spacer, 1.00	4
5	285-21	Plug - Pipe	2	*	93-8755	Washer - Spacer, 1.12	4
6	92-9865	Pin 'B' - Link, Lower (1.12 & 1.25" Dia.)	2	*	93-8756	Washer - Spacer, 1.25	4

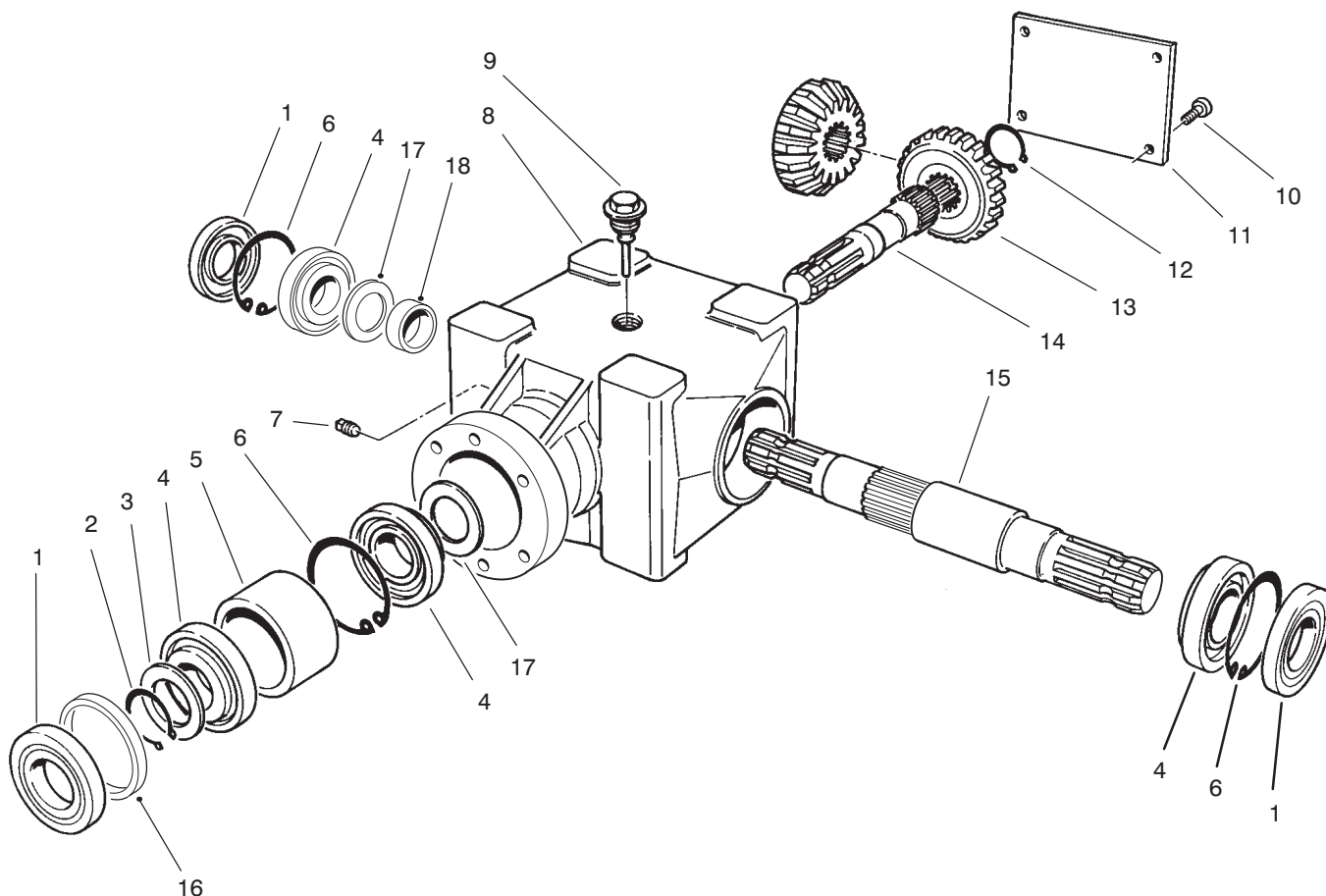


T-1856

SPLINED SHAFT & IDLER GEARS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-8776	Gear Box Assembly	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-1127

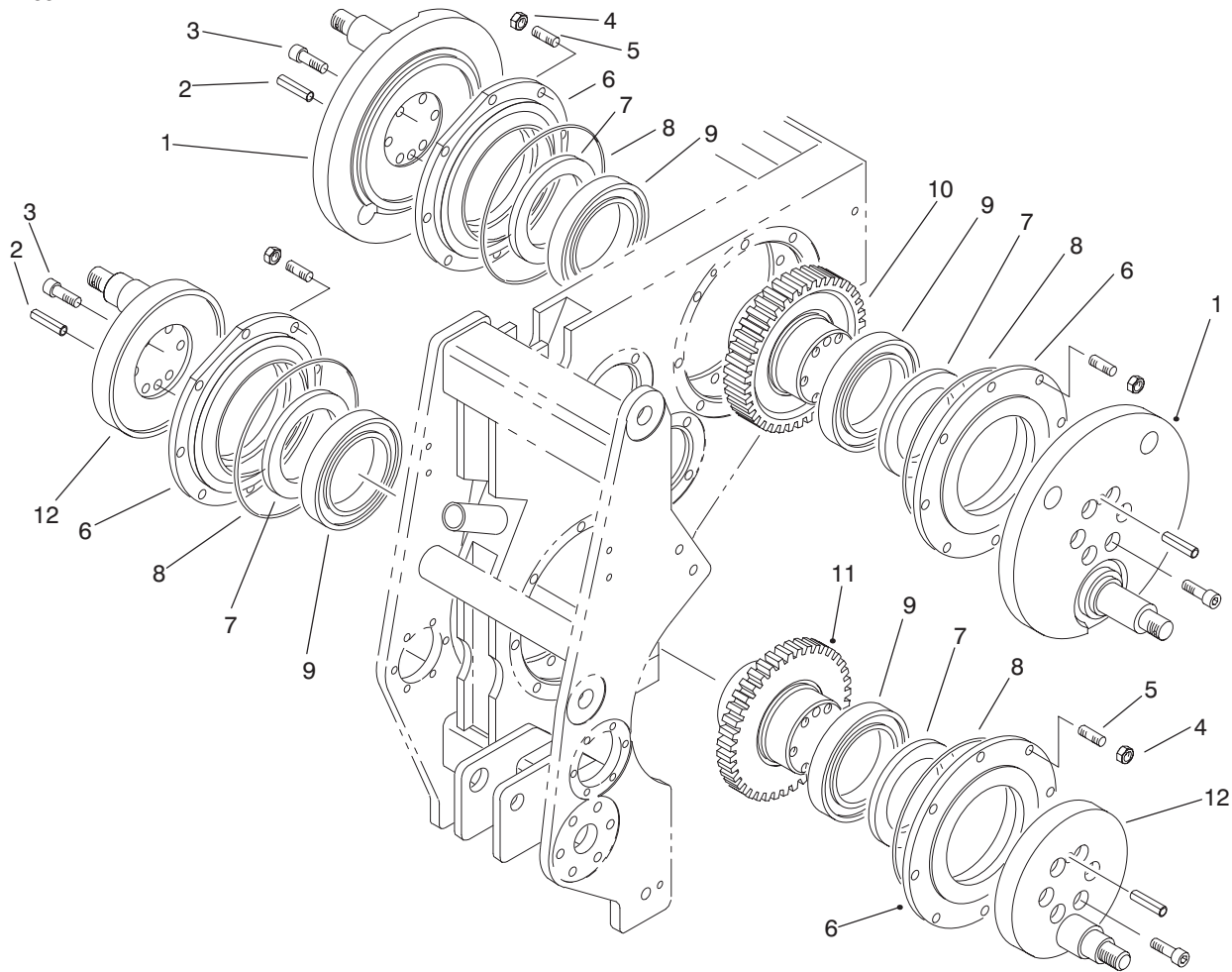
GEAR BOX ASSEMBLY NO. 93-8776

Ref. No.	Part No.	Description	No. Used
1	92-9922	Seal - Oil	3
2	92-9873	Ring - Retaining	1
3	92-9908	Spacer - Shaft	1
4	71-6630	Bearing	4
5	92-9909	Spacer - Bearing	1
6	32151-88	Ring - Snap	3
7	285-21	Plug - Pipe	2
8	93-8777	Case	1
9	92-9924	Plug - Oil Level/Filler	1
10	92-9925	Bolt - Hex. Socket Hd.	4
11	92-9905	Cover	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	92-9921	Output - Shaft Assembly (Incl. Ref. #18)	1
16	92-9910	Spacer - Seal	1
17	92-9913	Shim - Standard (48 x 35 x .60 mm)	2
†18		Collar - Output Shaft	1
*	92-9920	Kit - Shims Includes: Shim (72 x 60.5 x .05 mm) Shim (72 x 60.5 x .10 mm) Shim (72 x 60.5 x .25 mm) Shim (48 x 35 x .05 mm) Shim (48 x 35 x .10 mm) Shim (48 x 35 x .25 mm)	A/R 1 1 1 2 2 2

*Not Illustrated

†Not Sold Separately

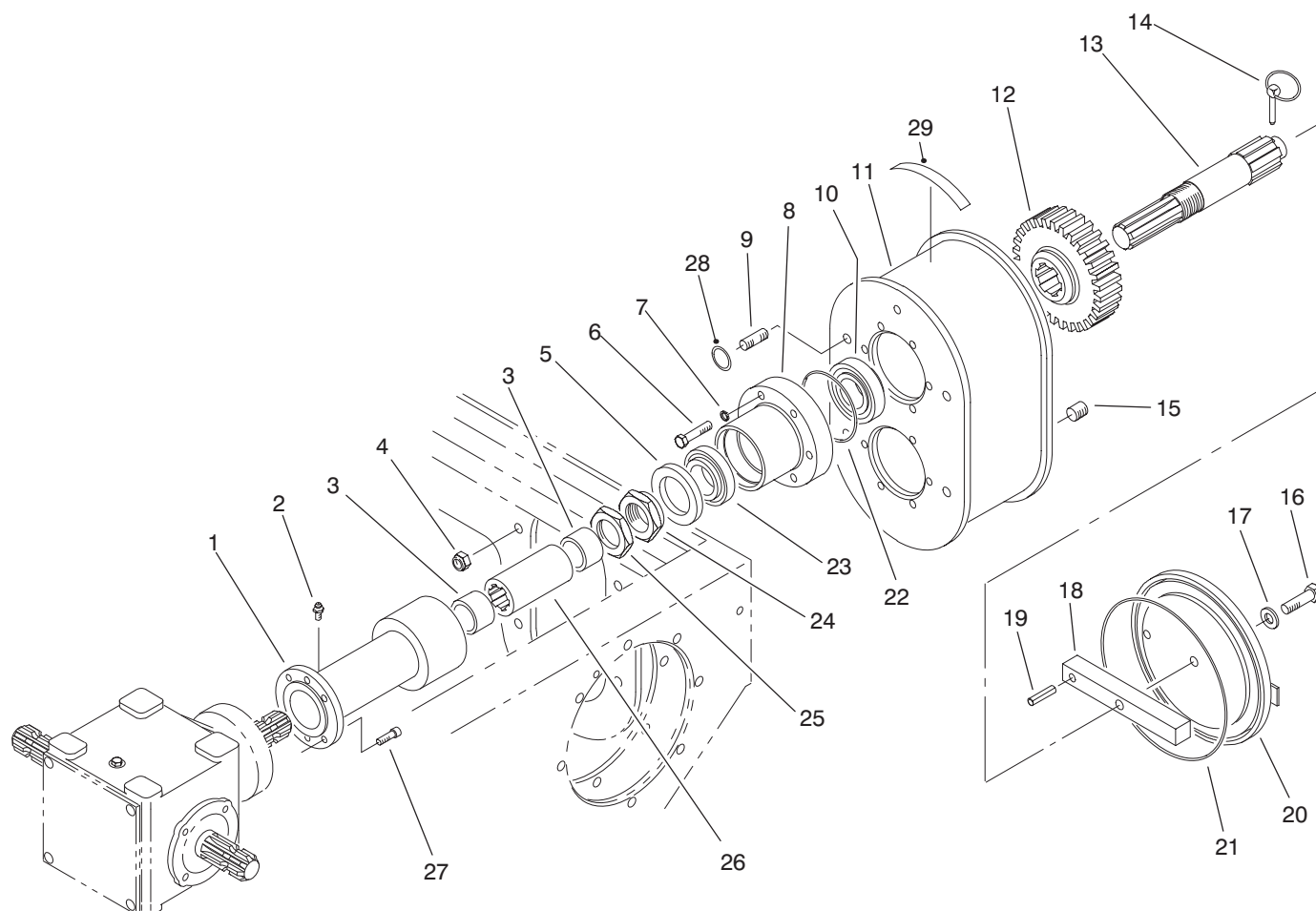


T-1857

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

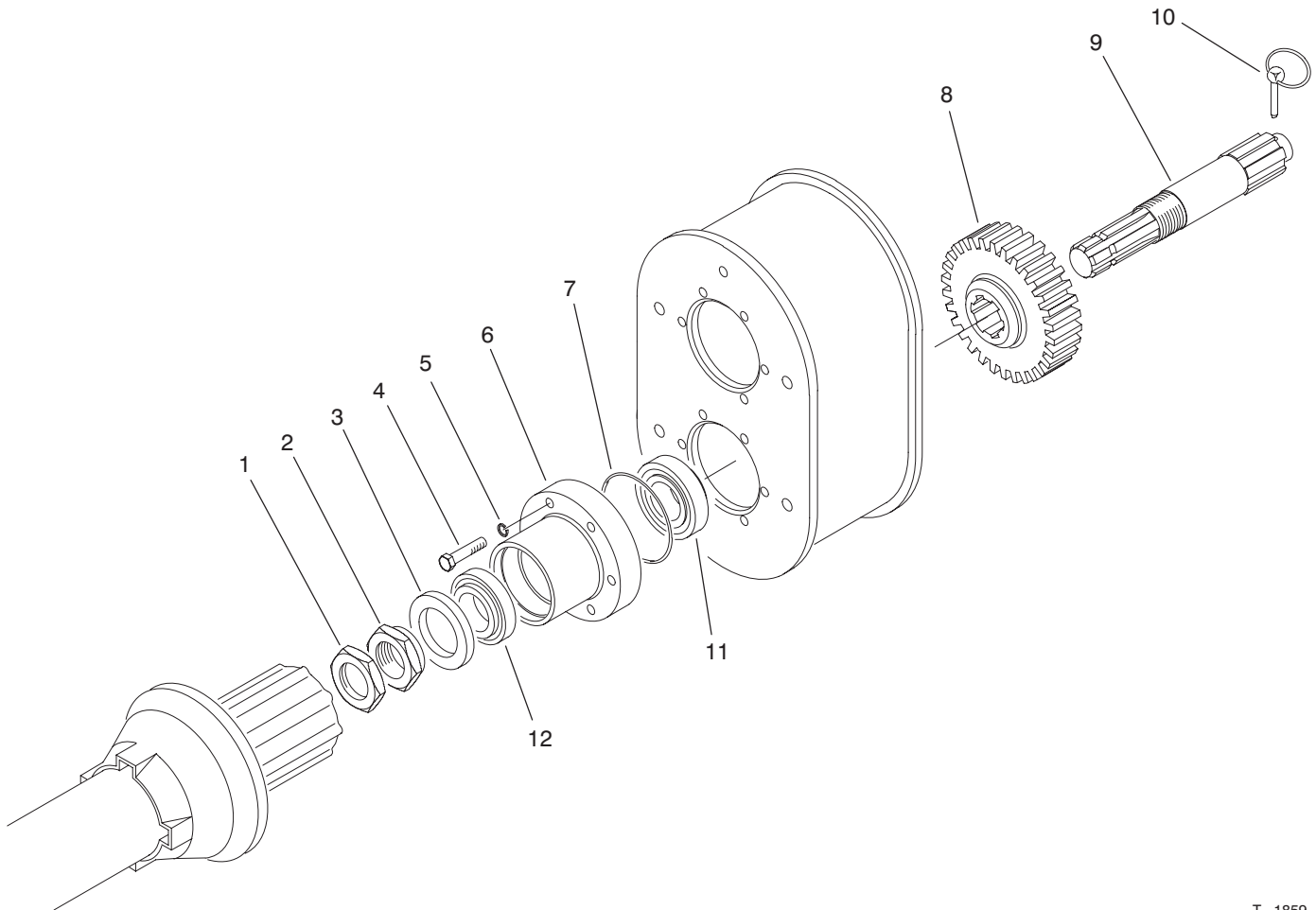


T-1858

PICKOFF GEAR BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-8778	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	323-8	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
*	71-7320	Gear - 32 Tooth	1
*	71-7310	Gear - 31 Tooth	1
*	71-7300	Gear - 30 Tooth	1

Ref. No.	Part No.	Description	No. Used
13	92-9943	Shaft - Output	1
14	283-72	Pin - Lynch	1
15	285-21	Plug - Pipe	1
16	325-6	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	93-8762	Nut	1
25	70-9720	Nut	1
26	92-9428	Coupling - Splined	1
27	93-8752	Screw - Hex. Socket Hd.	6
28	237-185	Seal - O-Ring	2
29	65-3090	Decal - Instruction	1

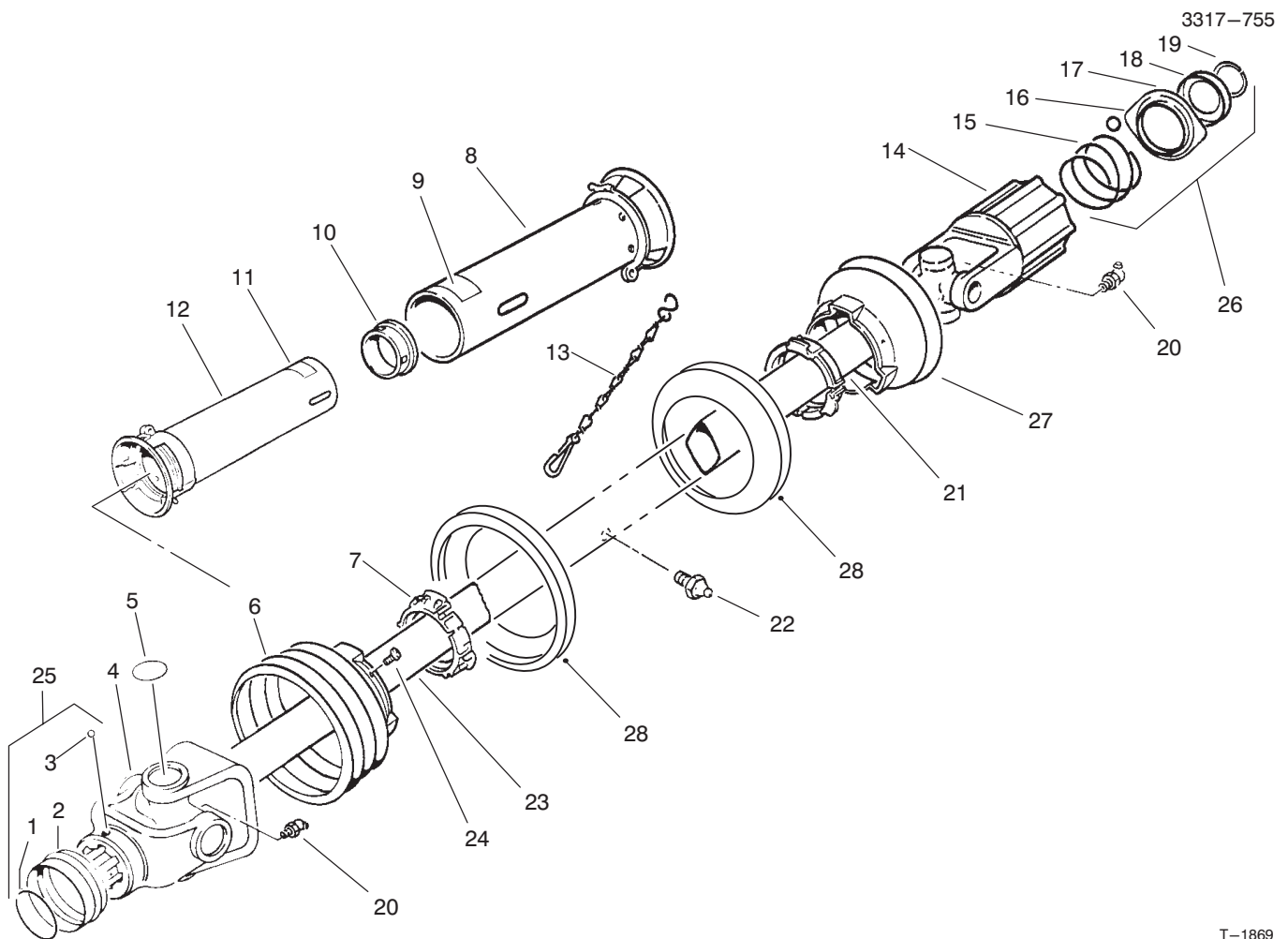


T-1859

LOWER SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-9720	Nut	1
2	93-8762	Nut	1
3	71-6490	Seal	1
4	323-8	Screw - Cap Hex. Hd.	6
5	3253-21	Washer - Lock	6
6	92-3010	Housing - Bearing	1
7	92-3013	O-Ring, Seal	1
	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

Ref. No.	Part No.	Description	No. Used
*8	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
9	71-6570	Shaft - Input (6 tooth)	1
*	93-8788	Shaft - Input (21 tooth)	1
10	283-72	Pin - Lynch	1
11	71-6700	Bearing	1
12	71-6690	Bearing	1



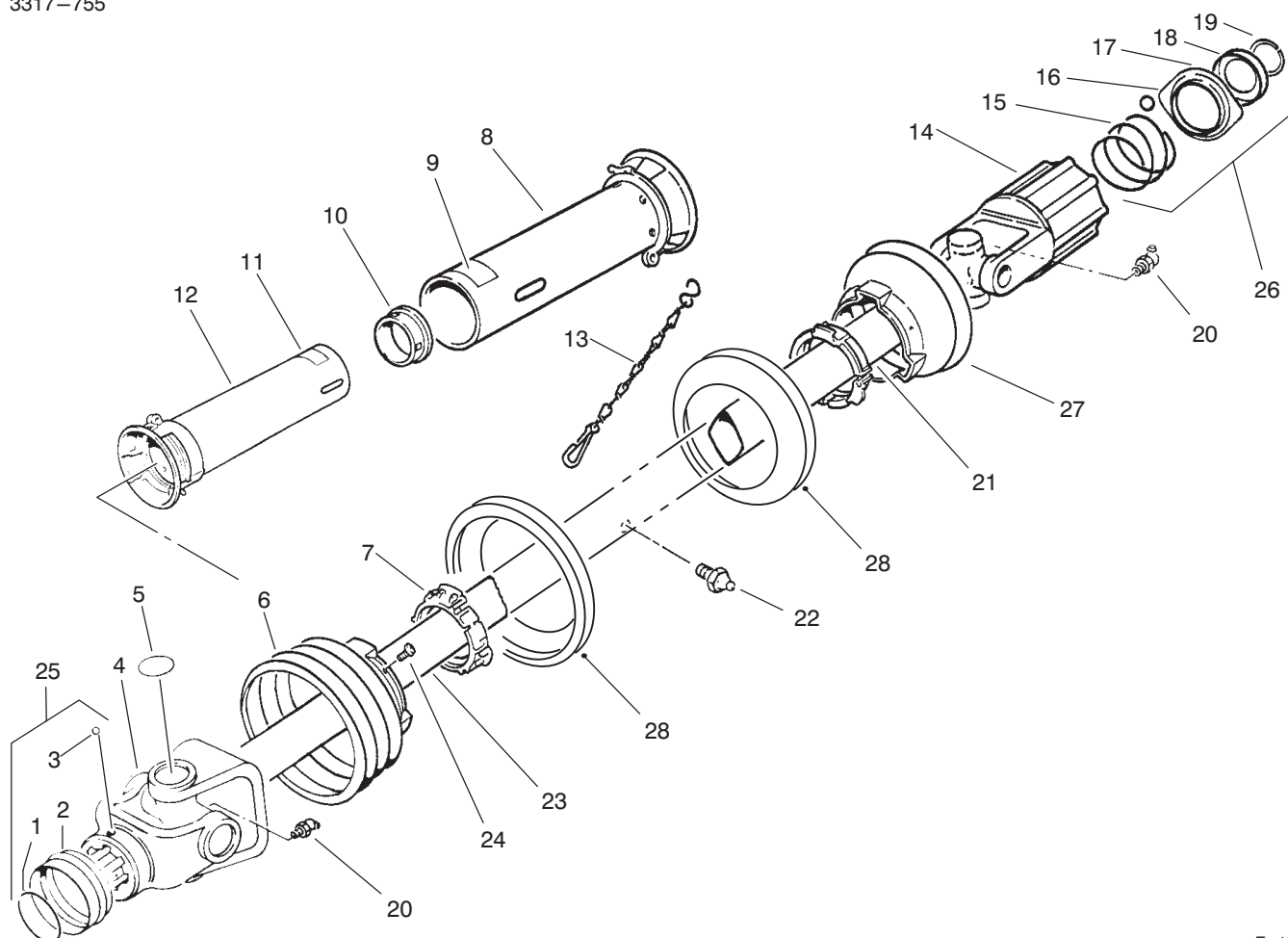
T-1869

FRONT DRIVE LINE ASSEMBLY NO. 93-7735 (6 Tooth Clutch)

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	93-7738	Tube – Shield, Outer	1
9	92-7936	Decal – Out	1
10	77-4790	Bearing – Support	1
11	92-7937	Decal – In	1
12	84-6330	Tube – Inner, Shield	1
13	77-4760	Chain – Safety	2
14	93-7739	Clutch – Radial Pin (6 Tooth)	1
15		Spring – Compression	1
16		Ball	3

Ref. No.	Part No.	Description	No. Used
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	84-6360	Screw	2
25	77-4670	Kit – Collar (Incl. Ref. #1-3)	1
26	77-4660	Kit – Flange (Incl. Ref. #15-19)	1
27	93-7736	Cone – Shield	1
28	93-7734	Collar	2
*	94-1775	Kit – Clutch Cams & Springs	4
*	93-7735	Drive Line (Complete)	1

*Not Illustrated



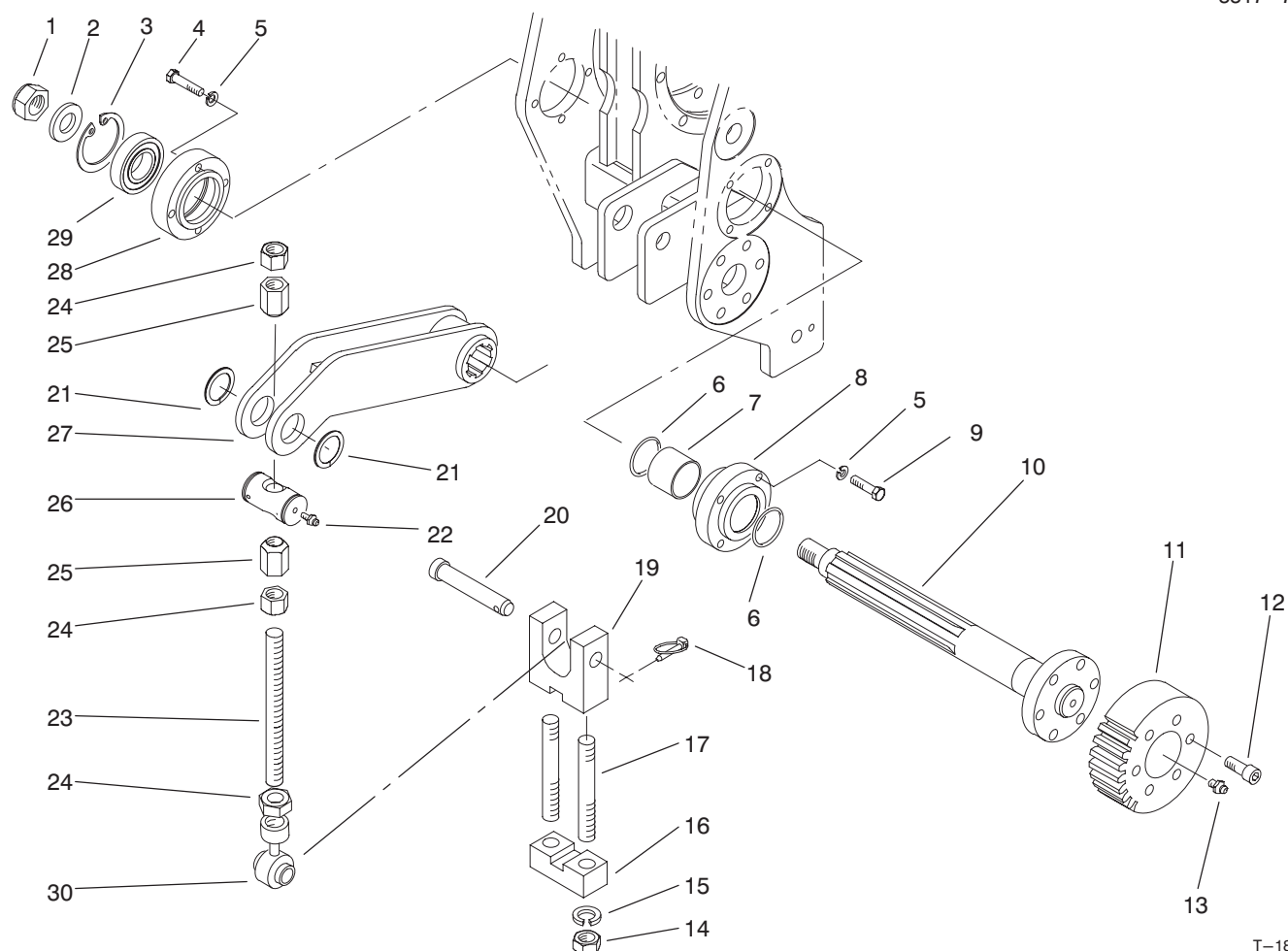
T-1869

FRONT DRIVE LINE ASSEMBLY NO. 93-8786 (21 Tooth Clutch)

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	93-7738	Tube – Shield, Outer	1
9	92-7936	Decal – Out	1
10	77-4790	Bearing – Support	1
11	92-7937	Decal – In	1
12	84-6330	Tube – Inner, Shield	1
13	77-4760	Chain – Safety	2
14	93-8787	Clutch – Radial Pin (21 Tooth)	1
15		Spring – Compression	1
16		Ball	3

Ref. No.	Part No.	Description	No. Used
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	84-6360	Screw	2
25	77-4670	Kit – Collar (Incl. Ref. #1-3)	1
26	77-4660	Kit – Flange (Incl. Ref. #15-19)	1
27	93-7736	Cone – Shield	1
28	93-7734	Collar	2
*	94-1775	Kit – Clutch Cams & Springs	4
*	93-8786	Drive Line (Complete)	1

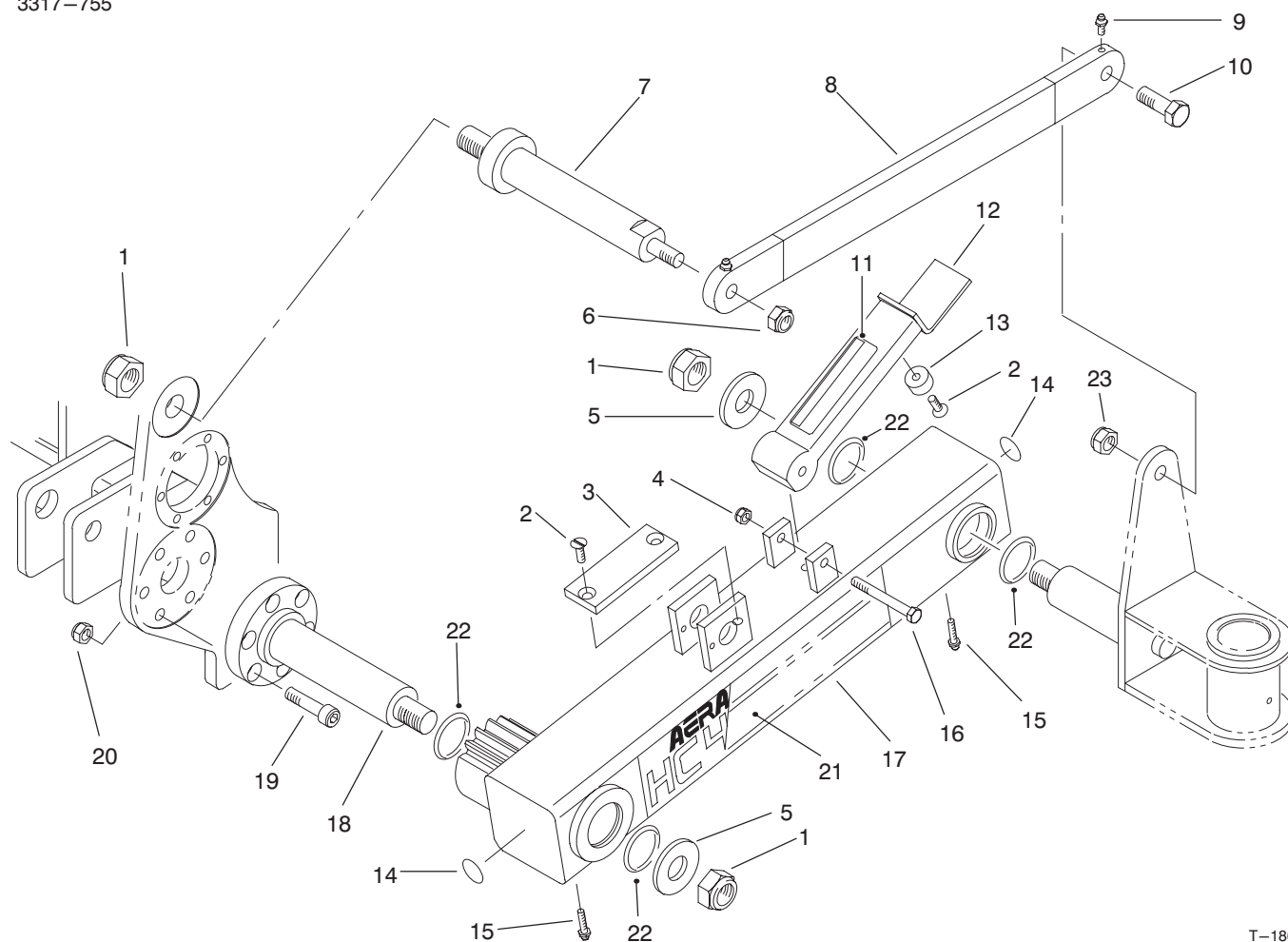
*Not Illustrated



T-1860

TORSION SHAFT & ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-70	Nut – Lock	2	16	92-9407	Plate – Tie	2
2	92-9387	Washer	2	17	92-9408	Stud	4
3	32151-88	Ring – Retaining	2	18	283-72	Pin – Lynch	2
4	323-9	Screw – Cap Hex. Hd.	8	19	92-9406	Bracket – Tie	2
5	3253-21	Washer – Lock	16	20	92-9409	Pin – Tie	2
6	237-38	O-Ring, Seal	4	21	32120-30	Ring – Retaining	4
7	92-9874	Bushing	4	22	302-5	Fitting – Grease	2
8	92-9388	Housing – Outer, Shaft	2	23	92-9928	Rod – Adjuster	2
9	323-8	Screw – Cap Hex. Hd.	8	24	3217-12	Nut – Lock	6
10	92-9384	Shaft – Torsion	2	25	92-9413	Nut – Adjuster	4
11	92-9390	Gear – Quadrant	2	26	92-9405	Trunnion – Adjuster	2
12	3274-89	Screw – Hex. Socket Hd.	12	27	92-9401	Arm W.A. – Torsion	2
13	92-9872	Fitting – Grease	2	28	92-9389	Housing – Shaft, Inner	2
14	3217-12	Nut	4	29	251-314	Bearing	2
15	3253-9	Washer – Lock	4	30	92-9926	Assembly – Ball End	2

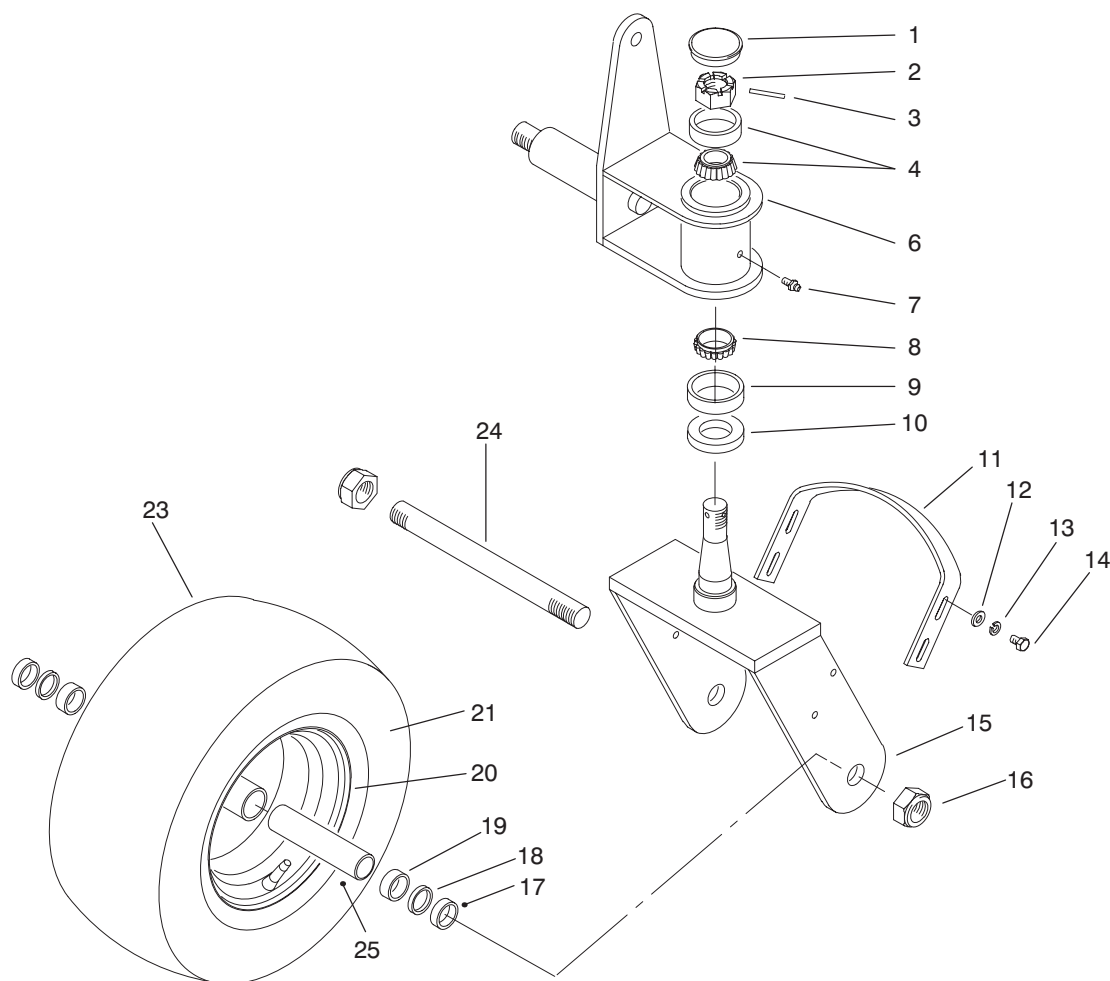


T-1861

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

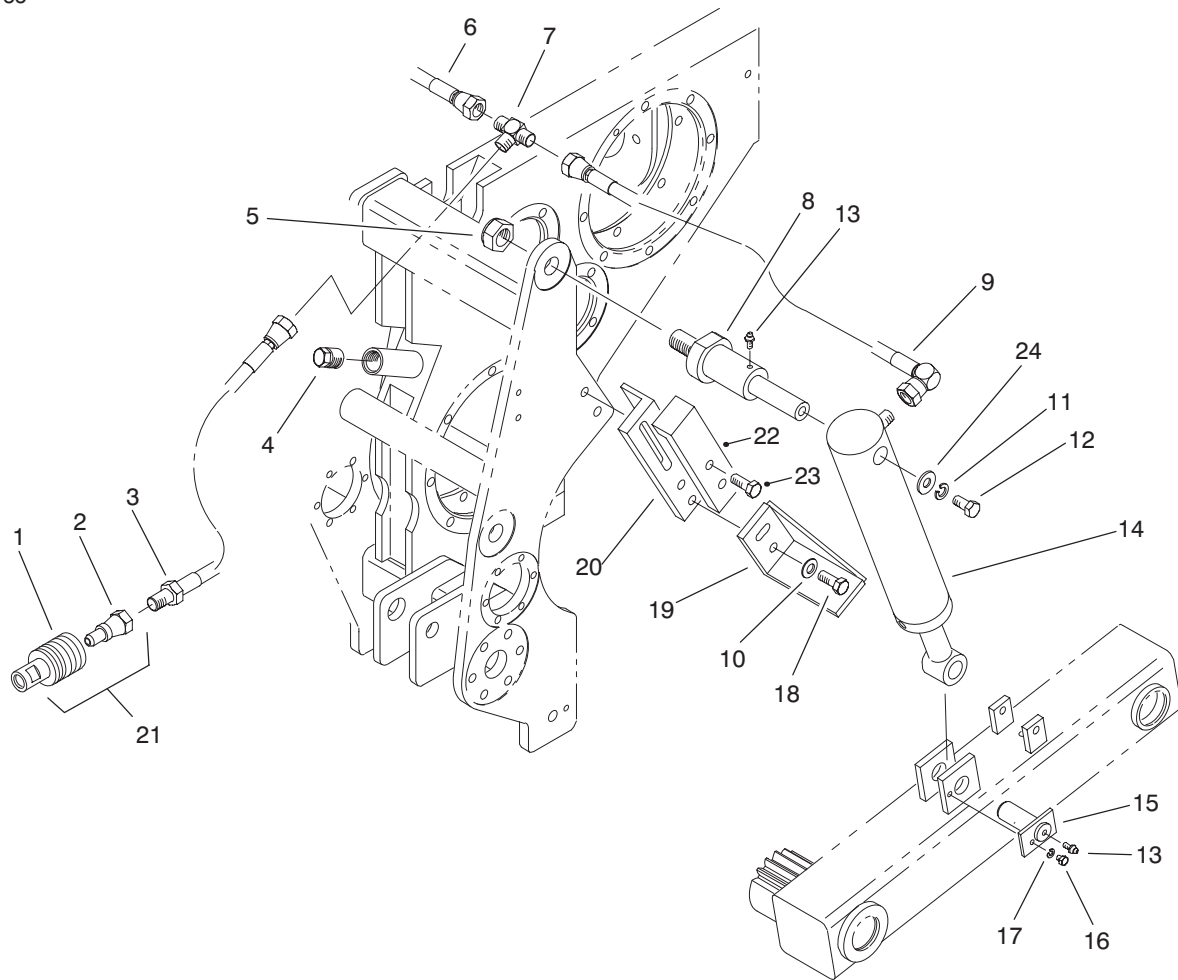
Ref. No.	Part No.	Description	No. Used
13	71-7530	Grommet	2
14	58-6520	Decal - Grease	4
15	302-64	Fitting - Grease	4
16	323-20	Screw - Cap Hex. Hd.	2
17	92-9445	Assy. - Trailing Arm, L.H.	1
*	92-9446	Assy. - Trailing Arm, R.H.	1
18	92-9441	Shaft W.A. - Trailing Arm	2
19	3274-5	Screw - Cap Hex. Socket	12
20	3296-23	Nut - Lock	12
21	92-3173	Decal	2
22	237-38	O-Ring	8
23	3217-11	Nut - Hex.	2



T-1862

CASTOR WHEEL & FORK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-9878	Cap	2	14	322-3	Screw - Cap Hex. Hd.	4
2	70-9460	Nut - Castle	2	15	92-9470	Fork W.A. - Caster	2
3	32121-34	Pin - Roll	2	16	3296-70	Nut - Lock	4
4	71-6780	Bearing	2	17	71-6750	Spacer	4
6	92-9464	Mount W.A. - Caster Brg.	2	18	253-163	Seal	4
7	302-5	Fitting - Grease	2	19	251-350	Bearing	4
8	254-106	Cone	2	20	92-9880	Wheel	2
9	254-107	Cup	2	21	92-9881	Tube - Inner	2
10	92-9879	Seal	2	23	92-9882	Tire	2
11	92-9479	Scraper - Tire	2	24	92-9475	Shaft - Axle	2
12	3256-24	Washer - Flat	4	25	92-9945	Spacer - Tube	2
13	3253-4	Washer - Lock	4				



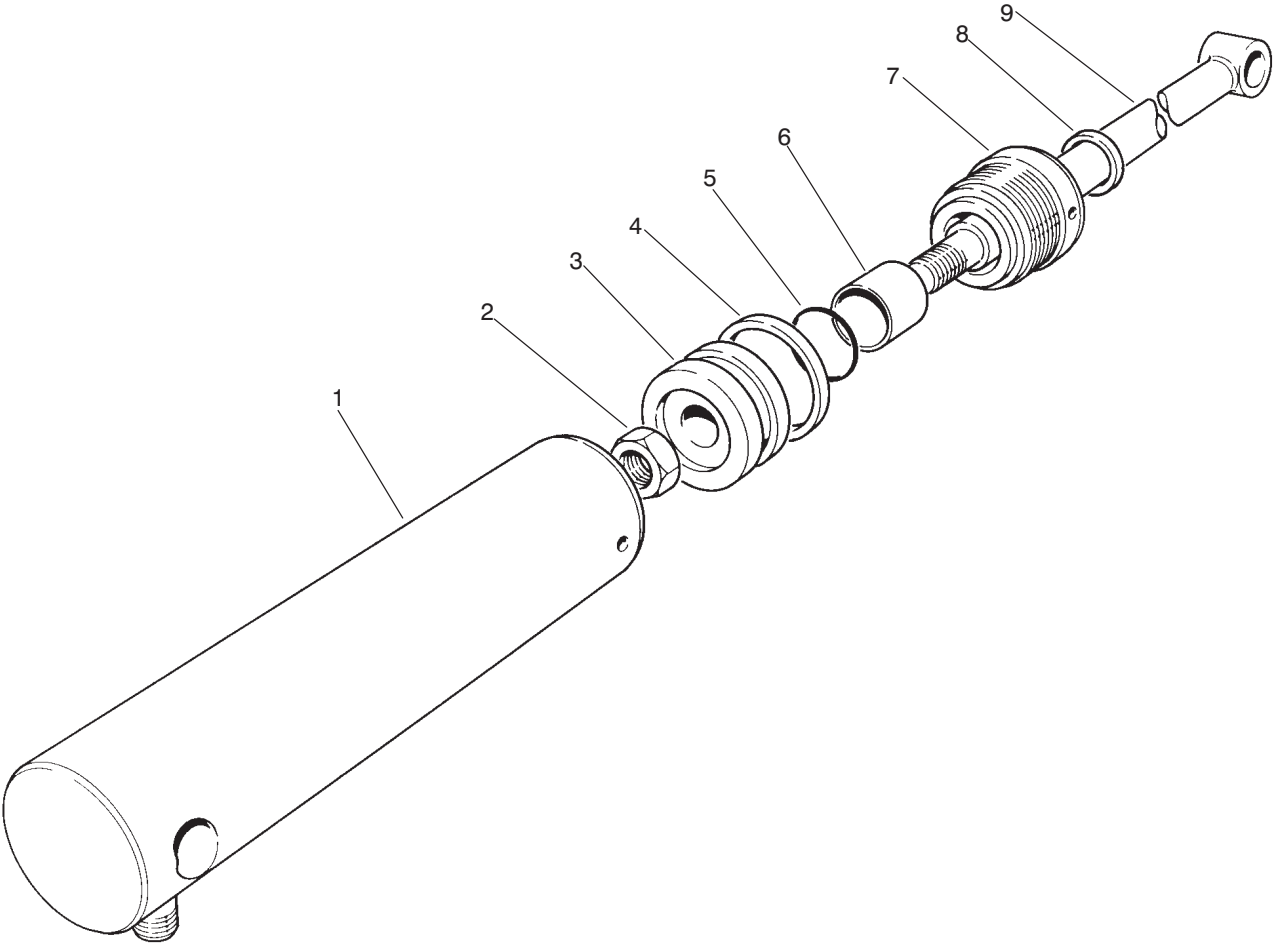
T-1863

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	4
11	3253-21	Washer – Lock	2
12	323-4	Screw – Cap Hex. Hd.	2
13	302-5	Fitting – Grease	4
14	71-6560	Cylinder – Hydraulic	2

Ref. No.	Part No.	Description	No. Used
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.	4
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
22	93-8751	Depth Restrictor	2
23	325-8	Screw – Cap Hex. Hd.	4
24	3256-4	Washer	2

*Not Illustrated



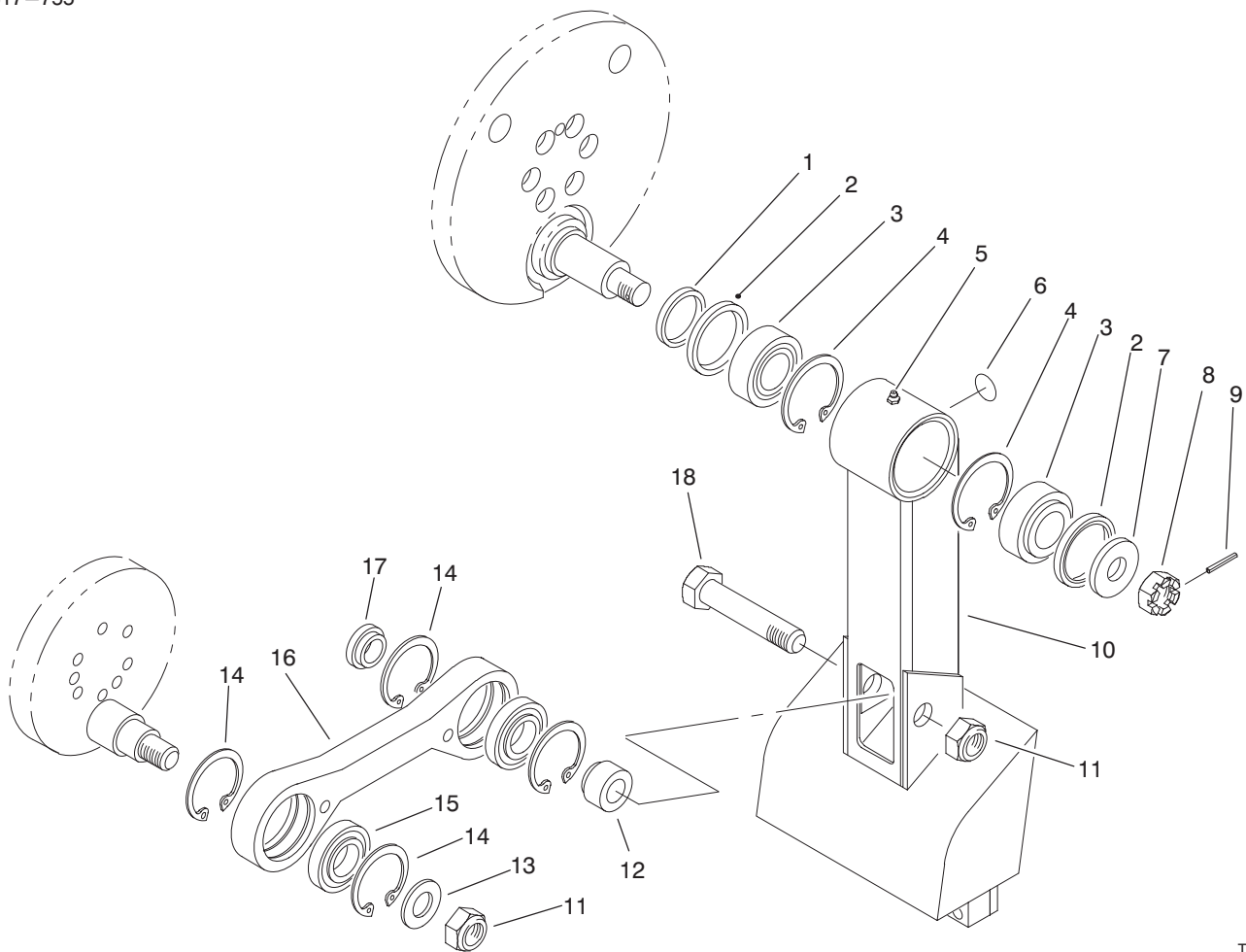
T-0899

CYLINDER ASSEMBLY 71-6560

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

*Not Illustrated

† Not Serviced Separately

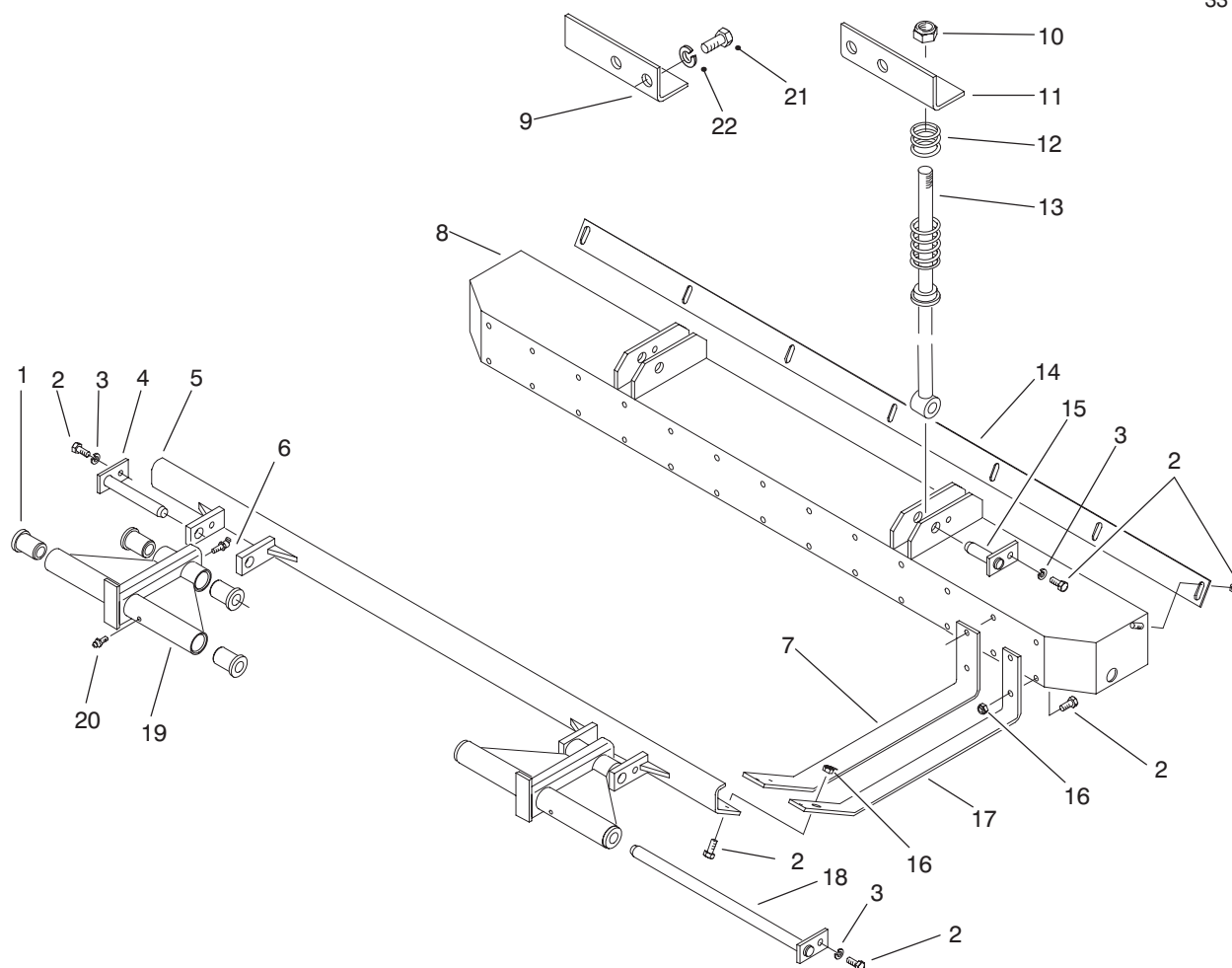


T-1864

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

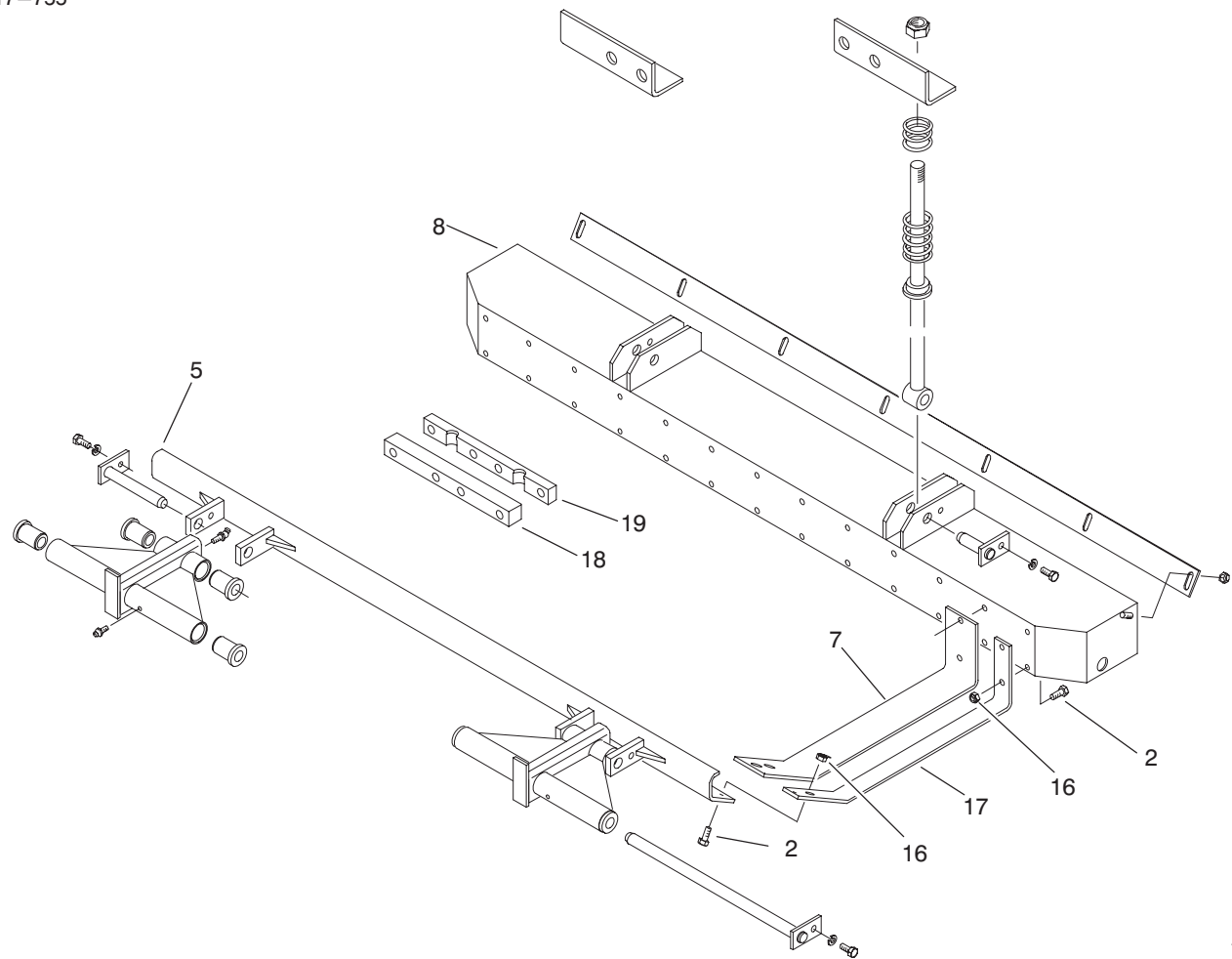
Ref. No.	Part No.	Description	No. Used
10	92-9430	Stomper W.A.	4
11	3296-70	Nut - Lock	8
12	72-8060	Spacer - Long	4
13	3256-62	Washer - Flat	4
14	32151-88	Ring - Retaining	16
15	72-8070	Bearing	8
16	77-3040	Conrod	4
17	72-8090	Spacer - Short	4
18	70-9550	Screw - Cap Hex. Hd.	4



T-1865

6 TINE FINGER PLATE & SCRAPER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-9485	Bushing	8	12	92-9863	Spring	2
2	322-3	Screw — Cap Hex. Hd.	45	13	92-9859	Shaft —Spring	2
3	3253-4	Washer — Lock	6	14	92-9852	Scraper — Roller	1
4	92-9492	Pin W.A.. — Short	2	15	92-9856	Pin W.A.	2
5	92-9486	Panel W.A. — Front	1	16	3296-29	Nut — Lock	39
6	302-61	Fitting — Grease 45°	2	17	92-9494	Leaf — Outer	2
7	92-9493	Leaf — Inner	11	18	92-9490	Pin W.A. — Long	2
8	92-9496	Panel W.A. — Rear	1	19	92-9480	Attachment W.A.	2
9	92-9930	Bracket — Spring, R.H.	1	20	302-5	Fitting — Grease	2
10	3296-50	Nut — Lock	2	21	325-2	Screw — Cap Hex. Hd.	4
11	92-9929	Bracket — Spring, L.H.	1	22	3253-7	Washer — Lock	4

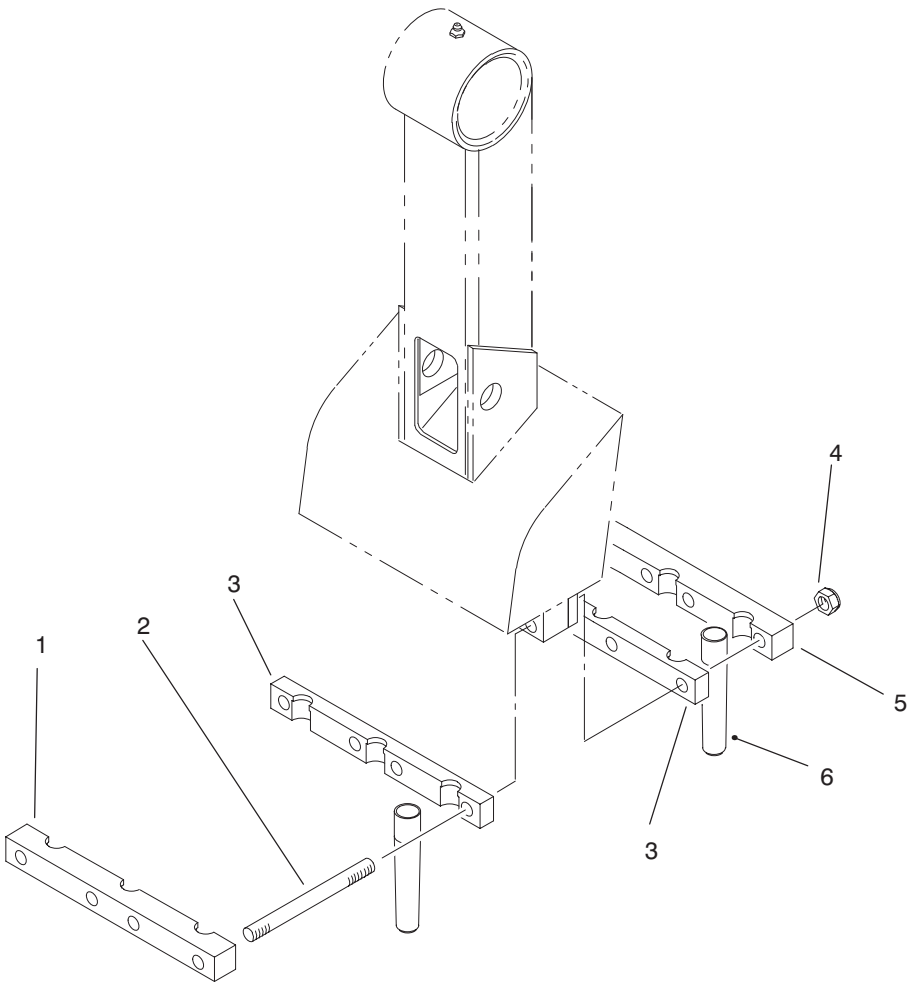


T-1874

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

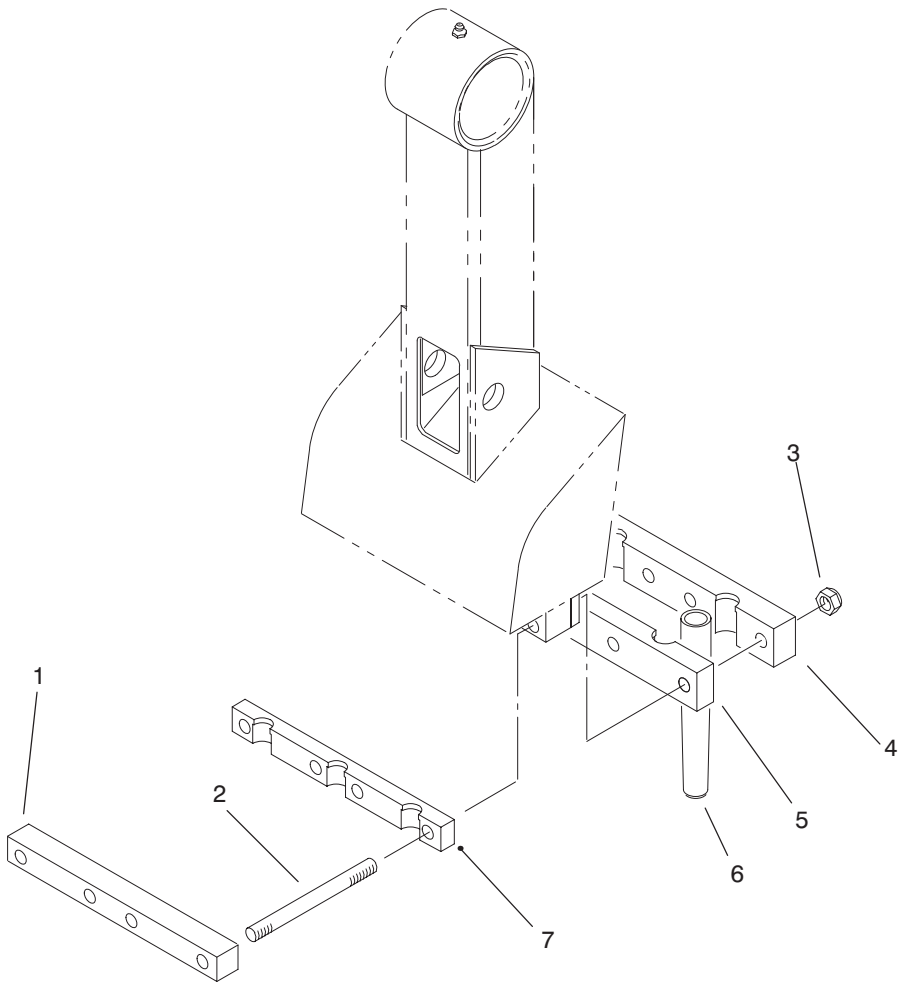
Ref. No.	Part No.	Description	No. Used
16	3296-29	Nut - Lock	36
17	92-9494	Leaf - Outer	2
18	70-9270	Block - Inner	4
19	70-9260	Block - Outer	4



T-1866

6 TINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-9390	Block - Bridging, 6 Tine	4	6	62-4600	Tine - Tubular 3/4 x 4-3/4" Long	24
2	71-7120	Stud - 1/2" x 5-7/8" (150mm)	16	*	86-9720	Tine - Tubular 3/4 x 5-3/4" Long	24
3	70-9400	Block - Inner, 6 Tine	8	*	92-7941	Tine - Open Center 3/4 x 4-3/4" Long	24
4	3296-23	Nut - Lock	16	*	92-7900	Tine - Open Center 3/4 x 5-3/4" Long	24
5	70-9380	Block - Outer, 6 Tine	4				



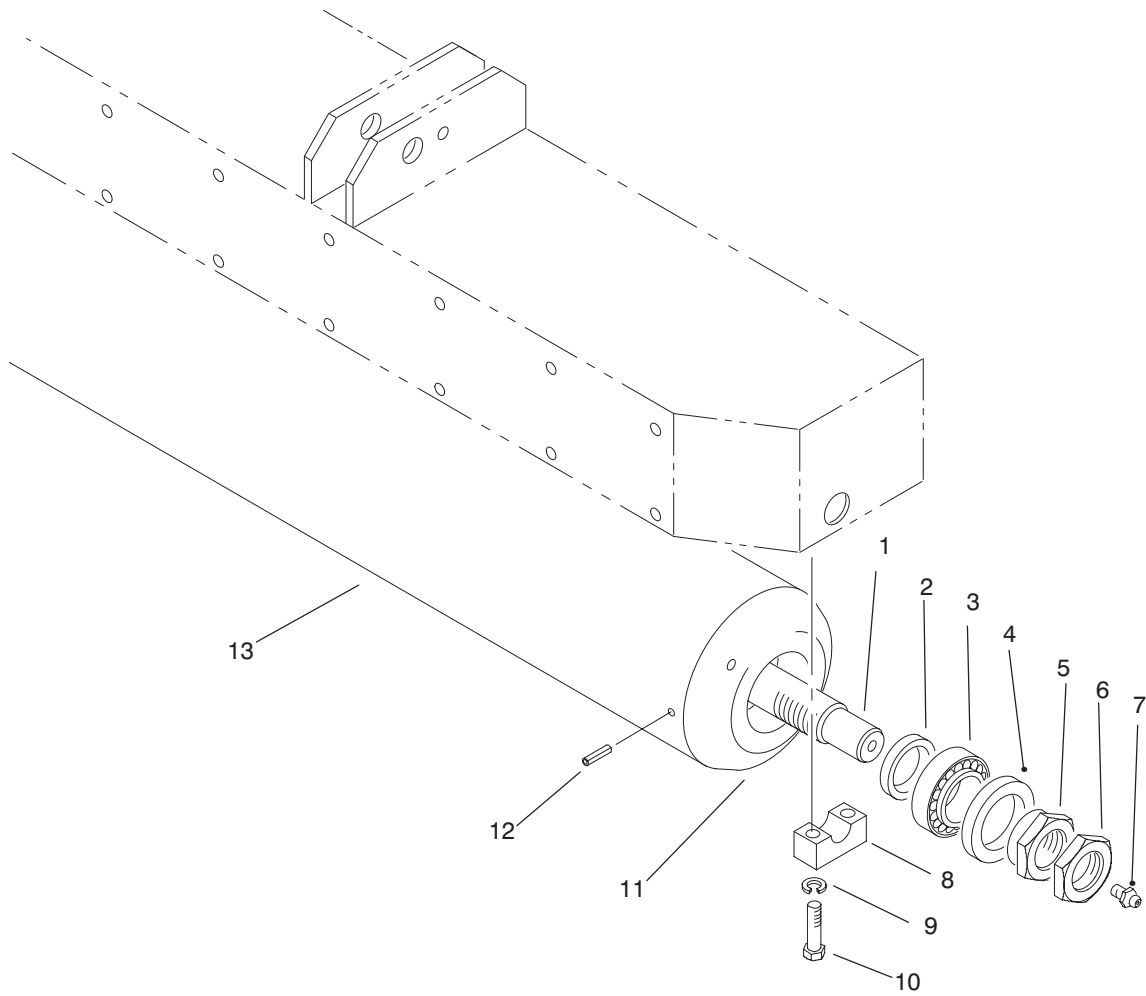
T-1873

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.

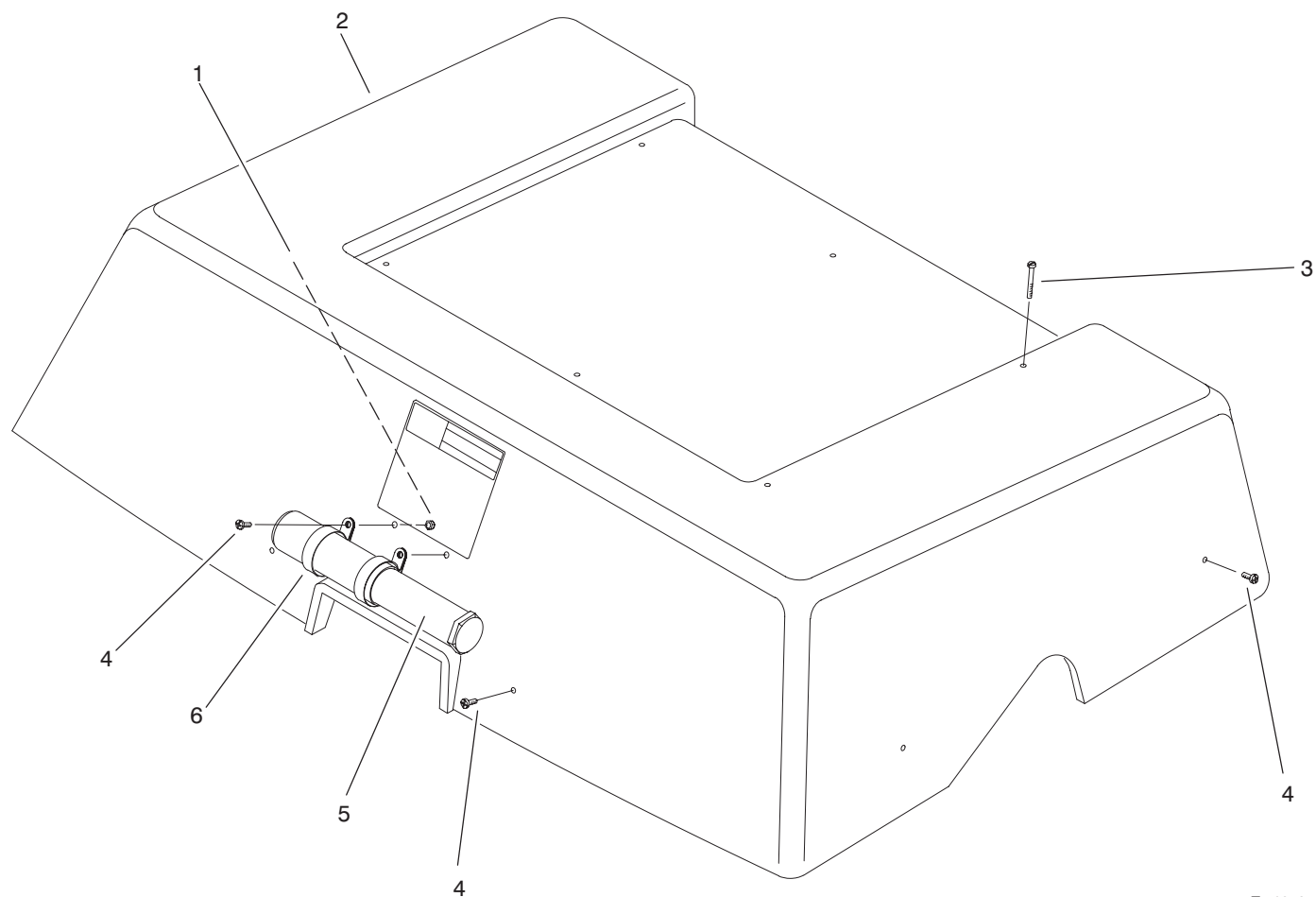


T-1867

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	302-5	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

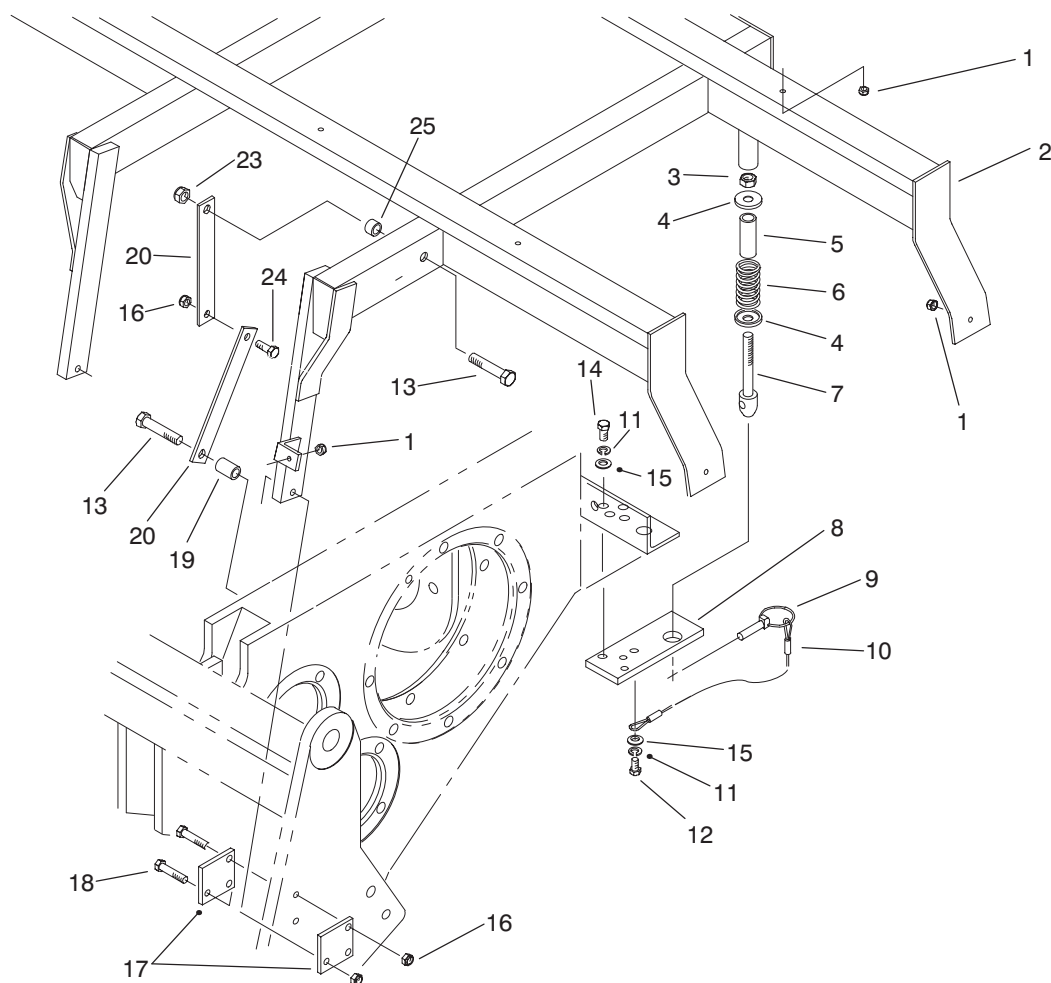


T-1870

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

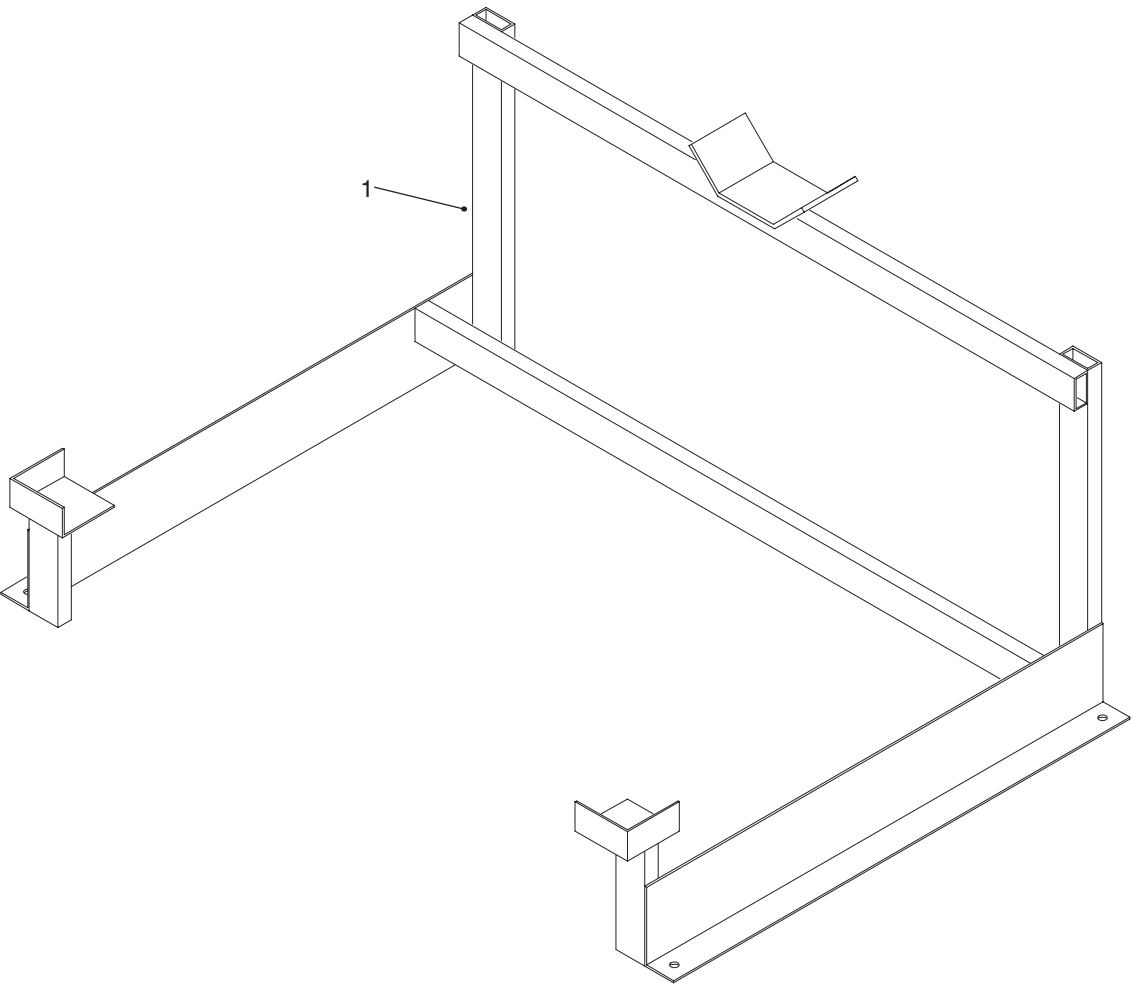
Ref. No.	Part No.	Description	No. Used
4	3250-32	Screw	8
5	74-0720	Tube – Manual	1
6	2412-133	R-Clamp	2



T-1975

HOOD FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-42	Nut - Lock	10	12	323-4	Screw - Cap Hex. Hd.	2
2	92-9932	Frame W.A.	1	13	325-9	Screw - Cap Hex. Hd.	2
3	3217-9	Nut	2	14	323-5	Screw - Cap Hex. Hd.	6
4	92-9942	Washer	4	15	3256-3	Washer - Flat	8
5	92-9888	Spacer - Tube	2	16	3296-22	Nut - Lock	6
6	92-9895	Spring	2	17	92-9947	Plate - Hinge	4
7	92-9889	Pin - Latch	2	18	323-10	Screw - Cap Hex. Hd.	6
8	92-9940	Plate	2	19		Spacer - Long	1
9	283-71	Pin - Lynch	2	20	92-9892	Link - Bottom	2
10	92-9941	Retainer - Pin & Cable (Incl. Ref. #9)	2	23	3296-23	Nut - Lock	1
11	3253-21	Washer - Lock	2	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

3317-755

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
58-6520	Decal - Grease	14 6 4	71-7390	Gear - 39 Tooth	5 * 1
58-6520	Decal - Grease	10 14 4	71-7390	Gear - 39 Tooth	6 * 1
59-9930	Decal - Danger	1 1 2	71-7400	Gear - 40 Tooth	6 1
62-4600	Tine - Tubular	17 6 24	71-7400	Gear - 40 Tooth	5 12 1
65-3090	Decal - Instruction	5 29 1	71-7510	Pad - Absorber, Shock	10 3 2
65-5370	Decal	10 11 2	71-7530	Grommet	10 13 2
70-9220	Bearing	2 6 6	72-3810	Bearing	14 3 8
70-9260	Block - Outer	18 4 4	72-3820	Bearing	2 10 2
70-9260	Block - Outer	16 19 4	72-3830	Seal	19 2 2
70-9270	Block - Inner	18 5 4	72-3840	Seal	14 2 8
70-9270	Block - Inner	16 18 4	72-8060	Spacer - Long	14 12 4
70-9330	Bearing	4 9 8	72-8070	Bearing	14 15 8
70-9340	Seal	4 7 8	72-8090	Spacer - Short	14 17 4
70-9380	Block - Outer, 6 Tine	17 5 4	72-8100	Assembly - Crank, Bottom	4 12 4
70-9390	Block - Bridging	18 1 4	74-0720	Tube - Manual	20 5 1
70-9390	Block - Bridging, 6 Tine	17 1 4	76-3650	Gear - Crank, Top	4 10 2
70-9400	Block	18 7 4	76-3660	Gear - Crank, Bottom	4 11 2
70-9400	Block - Inner, 6 Tine	17 3 8	76-3710	Coupling - Flange, Splined	2 2 2
70-9460	Nut - Castle	11 2 2	77-3040	Conrod	14 16 4
70-9460	Nut - Castle	14 8 4	77-4660	Kit - Flange	7 26 1
70-9550	Screw - Cap Hex. Hd.	14 18 4	77-4660	Kit - Flange	8 26 1
70-9570	Washer - Retaining, Seal	14 7 4	77-4670	Kit - Collar	7 25 1
70-9580	Ring - Retaining, Seal	14 1 4	77-4670	Kit - Collar	8 25 1
70-9720	Nut	6 1 1	77-4710	Yoke	7 4 1
70-9720	Nut	5 25 1	77-4710	Yoke	8 4 1
71-0940	Tine - Tubular, 7/8 x 7 Lg.	18 6 8	77-4720	Cross & Bearing Kit	7 5 2
71-6490	Seal	6 3 1	77-4720	Cross & Bearing Kit	8 5 2
71-6490	Seal	5 5 1	77-4730	Cone - Shield	7 6 1
71-6560	Cylinder - Complete	13 * 1	77-4730	Cone - Shield	8 6 1
71-6560	Cylinder - Hydraulic	12 14 2	77-4740	Ring - Bearing	7 7 2
71-6570	Shaft - Input (6 tooth)	6 9 1	77-4740	Ring - Bearing	8 7 2
71-6630	Bearing	3 4 4	77-4760	Chain - Safety	7 13 2
71-6640	Kit - Seal	13 * 1	77-4760	Chain - Safety	8 13 2
71-6690	Bearing	6 12 1	77-4790	Bearing - Support	7 10 1
71-6690	Bearing	5 23 1	77-4790	Bearing - Support	8 10 1
71-6700	Bearing	5 10 1	82-3190	Ring - Retaining	14 4 8
71-6700	Bearing	6 11 1	82-3220	Decal - Bar, Timing	1 3 1
71-6750	Spacer	11 17 4	84-6330	Tube - Inner, Shield	7 12 1
71-6780	Bearing	11 4 2	84-6330	Tube - Inner, Shield	8 12 1
71-6780	Bearing - Roller	19 3 2	84-6360	Screw	7 24 2
71-6790	Seal	19 4 2	84-6360	Screw	8 24 2
71-7060	Coupler - Quick	12 21 1	84-6370	Fitting - Grease	7 22 1
71-7100	Pin - Roll	4 2 8	84-6370	Fitting - Grease	8 22 1
71-7120	Stud - 1/2 x 5-7/8	18 2 16	86-9720	Tine - Tubular	17 * 24
71-7120	Stud - 1/2 x 5-7/8	17 2	92-2429	Cap - End	19 11 2
71-7290	Nut - Roller	19 5 2	92-3000	Flange - Bearing, Crank	4 6 8
71-7300	Gear - 30 Tooth	5 * 1	92-3005	Stud	4 5 64
71-7300	Gear - 30 Tooth	6 * 1	92-3005	Stud	5 9 4
71-7310	Gear - 31 Tooth	5 * 1	92-3005	Stud	2 13 32
71-7310	Gear - 31 Tooth	6 * 1	92-3006	Nut	4 4 64
71-7320	Gear - 32 Tooth	5 * 1	92-3006	Nut	5 4 4
71-7320	Gear - 32 Tooth	6 * 1	92-3006	Nut	2 14 32
71-7330	Gear - 33 Tooth	5 * 1	92-3010	Housing - Bearing	6 6 1
71-7330	Gear - 33 Tooth	6 * 1	92-3010	Housing - Bearing	5 8 1
71-7340	Gear - 34 Tooth	5 * 1	92-3012	O-Ring, Seal	4 8 8
71-7340	Gear - 34 Tooth	6 * 1	92-3012	O-Ring, Seal	5 21 1
71-7350	Gear - 35 Tooth	5 * 1	92-3013	O-Ring, Seal	6 7 1
71-7350	Gear - 35 Tooth	6 * 8 1	92-3013	O-Ring, Seal	2 8 8
71-7360	Gear - 36 Tooth	5 * 1	92-3013	O-Ring, Seal	5 22 1
71-7360	Gear - 36 Tooth	6 * 1	92-3173	Decal	10 21 2
71-7370	Gear - 37 Tooth	5 * 1	92-7900	Tine - Open Center	17 * 24
71-7370	Gear - 37 Tooth	6 * 1	92-7936	Decal - Out	7 9 1
71-7380	Gear - 38 Tooth	5 * 1	92-7936	Decal - Out	8 9 1
71-7380	Gear - 38 Tooth	6 * 1	92-7937	Decal - In	7 11 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
92-7937	Decal - In	8 11 1	92-9864	Pin 'A' - Link, Lower	1 7 2
92-7938	Fitting - Grease 45°	7 20 2	92-9865	Pin 'B' - Link, Lower	1 6 2
92-7938	Fitting - Grease 45°	8 20 2	92-9866	Panel W.A. - Front	16 5 1
92-7941	Tine - Open Center	17 * 24	92-9868	Panel W.A. - Rear	16 8 1
92-9359	Gear - Drive, Input	2 9 2	92-9870	Stand W.A.	22 1 1
92-9360	Shaft - Drive, Splined	2 3 2	92-9872	Fitting - Grease	9 13 2
92-9361	Spacer	2 7 2	92-9873	Ring - Retaining	3 2 1
92-9362	Housing - Bearing	2 4 2	92-9873	Ring - Retaining	2 11 2
92-9363	Housing - Bearing	2 12 2	92-9874	Bushing	9 7 4
92-9364	Flange - Gear, Idler	2 15 4	92-9875	Seal	2 5 2
92-9365	Gear - Idler	2 16 2	92-9876	Bar - Timing	1 4 1
92-9366	Frame	1 2 1	92-9878	Cap	11 1 2
92-9384	Shaft - Torsion	9 10 2	92-9879	Seal	11 10 2
92-9387	Washer	9 2 2	92-9880	Wheel	11 20 2
92-9388	Housing - Outer, Shaft	9 8 2	92-9881	Tube - Inner	11 21 2
92-9389	Housing - Shaft, Inner	9 28 2	92-9882	Tire	11 23 2
92-9390	Gear - Quadrant	9 11 2	92-9883	Fitting - Tee	12 7 1
92-9391	Adjuster - Height, L.H.	12 20 1	92-9884	Hose - Hydraulic	12 3 1
92-9392	Adjuster - Height, R.H.	12 * 1	92-9885	Hose - Hydraulic, Left	12 9 1
92-9395	Foot W.A. - Height Adj. L.H.	12 19 1	92-9886	Hose - Hydraulic, Right	12 6 1
92-9396	Foot W.A. - Height Adj. R.H.	12 * 1	92-9888	Spacer - Tube	21 5 2
92-9401	Arm W.A. - Torsion	9 27 2	92-9889	Pin - Latch	21 7 2
92-9405	Trunnion - Adjuster	9 26 2	92-9892	Link - Bottom	21 20 2
92-9406	Bracket - Tie	9 19 2	92-9895	Spring	21 6 2
92-9407	Plate - Tie	9 16 2	92-9905	Cover	3 11 1
92-9408	Stud	9 17 4	92-9906	Gear - Bevel	3 13 2
92-9409	Pin - Tie	9 20 2	92-9908	Spacer - Shaft	3 3 1
92-9413	Nut - Adjuster	9 25 4	92-9909	Spacer - Bearing	3 5 1
92-9415	Housing W.A. - Gearbox	5 11 1	92-9910	Spacer - Seal	3 16 1
92-9420	Cover - Hatch	5 20 1	92-9911	Shaft - Input	3 14 1
92-9421	Bar - Latch	5 18 1	92-9913	Shim - Std. (.60 mm)	3 17 2
92-9428	Coupling - Splined	5 26 1	92-9921	Output - Shaft Assembly	3 15 1
92-9430	Stomper W.A.	14 10 4	92-9922	Seal - Oil	3 1 3
92-9441	Shaft W.A. - Trailing Arm	10 18 2	92-9923	Ring - Retaining	3 12 1
92-9444	Washer	10 5 4	92-9924	Plug - Oil Level/Filler	3 9 1
92-9445	Assy. - Trailing Arm, L.H.	10 17 1	92-9925	Bolt - Hex. Socket Hd.	3 10 4
92-9446	Assy. - Trailing Arm, R.H.	10 * 1	92-9926	Assembly - Ball End	9 30 2
92-9453	Shaft - Mount, Cylinder	12 8 2	92-9928	Rod - Adjuster	9 23 2
92-9456	Pin W.A. - Short	12 15 2	92-9929	Bracket - Spring, L.H.	15 11 1
92-9459	Shaft W.A. - Pivot	10 7 2	92-9930	Bracket - Spring, R.H.	15 9 1
92-9461	Arm - Stabilizer	10 8 2	92-9931	Hood	20 2 1
92-9464	Mount W.A. - Caster Brg.	11 6 2	92-9932	Frame W.A.	21 2 1
92-9470	Fork W.A. - Caster	11 15 2	92-9940	Plate	21 8 2
92-9475	Shaft - Axle	11 24 2	92-9941	Retainer - Pin & Cable	21 10 2
92-9478	Stop - Traveling	10 12 2	92-9942	Washer	21 4 4
92-9479	Scraper - Tire	11 11 2	92-9943	Shaft - Output	5 13 1
92-9480	Attachment W.A.	15 19 2	92-9944	Spacer - Coupling	5 3 2
92-9485	Bushing	15 1 8	92-9945	Spacer - Tube	11 25 2
92-9486	Panel W.A. - Front	15 5 1	92-9947	Plate - Hinge	21 17 4
92-9490	Pin W.A. - Long	15 18 2	92-9948	Assembly - Crank, Top	4 1 4
92-9492	Pin W.A.. - Short	15 4 2	93-7734	Collar	7 28 2
92-9493	Leaf - Inner	15 7 11	93-7734	Collar	8 28 2
92-9494	Leaf - Outer	15 17 2	93-7735	Drive Line (Complete)	7 * 1
92-9494	Leaf - Outer	16 17 2	93-7736	Cone - Shield	7 27 1
92-9495	Leaf - Inner	16 7 7	93-7736	Cone - Shield	8 27 1
92-9496	Panel W.A. - Rear	15 8 1	93-7738	Tube - Shield, Outer	7 8 1
92-9851	Block - Mount	19 8 2	93-7738	Tube - Shield, Outer	8 8 1
92-9852	Scraper - Roller	15 14 1	93-7739	Clutch - Radial Pin	7 14 1
92-9853	Tube - Roller	19 13 1	93-8751	Depth Restrictor	12 22 2
92-9854	Shaft - Roller	19 1 1	93-8752	Screw - Hex. Socket Hd.	5 27 6
92-9855	Nut - Lock, Roller	19 6 2	93-8753	Washer - Spacer, .88	1 9 4
92-9856	Pin W.A.	15 15 2	93-8754	Washer - Spacer, 1.00	1 10 4
92-9859	Shaft - Spring	15 13 2	93-8755	Washer - Spacer, 1.12	1 * 4
92-9863	Spring	15 12 2	93-8756	Washer - Spacer, 1.25	1 * 4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3317-755

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
93-8762	Nut	6 2 1	327-5	Screw - Cap Hex. Hd.	10 10 2
93-8762	Nut	5 24 1	3212-6	Screw - Cap Hex. Hd.	19 10 4
93-8776	Gear Box Assembly	2 1 1	3217-9	Nut	21 3 2
93-8778	Tube - Support	5 1 1	3217-11	Nut - Hex.	10 23 2
93-8786	Drive Line (Complete)	8 * 1	3217-12	Nut	9 14 4
93-8787	Clutch - Radial Pin	8 14 1	3217-12	Nut - Lock	9 24 6
93-8788	Shaft - Input (21 tooth)	6 * 1	3250-21	Screw	20 3 6
94-1775	Kit - Clutch Cams & Springs	7 * 4	3250-32	Screw	20 4 8
94-1775	Kit - Clutch Cams & Springs	8 * 4	3253-3	Washer - Lock	12 17 2
237-38	O-Ring	10 22 8	3253-4	Washer - Lock	15 3 6
237-38	O-Ring, Seal	9 6 4	3253-4	Washer - Lock	11 13 4
237-185	Seal - O-Ring	5 28 2	3253-6	Washer - Lock	19 9 4
2412-133	R-Clamp	20 6 2	3253-7	Washer - Lock	2 17 12
251-314	Bearing	9 29 2	3253-7	Washer - Lock	15 22 4
251-350	Bearing	11 19 4	3253-9	Washer - Lock	9 15 4
253-163	Seal	11 18 4	3253-21	Washer - Lock	6 5 6
254-106	Cone	11 8 2	3253-21	Washer - Lock	9 5 16
254-107	Cup	11 9 2	3253-21	Washer - Lock	5 7 6
283-71	Pin - Lynch	1 8 4	3253-21	Washer - Lock	12 11 2
283-71	Pin - Lynch	21 9 2	3253-21	Washer - Lock	21 11 2
283-72	Pin - Lynch	6 10 1	3256-3	Washer - Flat	21 15 8
283-72	Pin - Lynch	5 14 1	3256-4	Washer	12 24 2
283-72	Pin - Lynch	9 18 2	3256-5	Washer - Flat	12 10 4
285-20	Plug - Pipe	12 4 2	3256-5	Washer - Flat	5 17 1
285-21	Plug - Pipe	1 5 2	3256-24	Washer - Flat	11 12 4
285-21	Plug - Pipe	3 7 2	3256-62	Washer - Flat	14 13 4
285-21	Plug - Pipe	5 15 1	3274-4	Screw - Hex. Socket Hd.	4 3 48
302-5	Fitting - Grease	5 2 1	3274-5	Screw - Cap Hex. Socket	10 19 12
302-5	Fitting - Grease	14 5 4	3274-89	Screw - Hex. Socket Hd.	9 12 12
302-5	Fitting - Grease	11 7 2	3274-89	Screw - Hex. Socket Hd.	2 18 12
302-5	Fitting - Grease	19 7 2	3296-22	Nut - Lock	21 16 6
302-5	Fitting - Grease	10 9 4	3296-23	Nut - Lock	18 3 16
302-5	Fitting - Grease	12 13 4	3296-23	Nut - Lock	17 4 16
302-5	Fitting - Grease	15 20 2	3296-23	Nut - Lock	10 20 12
302-5	Fitting - Grease	9 22 2	3296-23	Nut - Lock	21 23 1
302-61	Fitting - Grease 45°	15 6 2	3296-29	Nut - Lock	15 16 39
302-64	Fitting - Grease	10 15 4	3296-29	Nut - Lock	16 16 36
321-4	Screw - Cap Hex. Hd.	12 16 2	3296-39	Nut - Lock	10 4 2
322-3	Screw - Cap Hex. Hd.	15 2 45	3296-42	Nut - Lock	20 1 2
322-3	Screw - Cap Hex. Hd.	11 14 4	3296-42	Nut - Lock	21 1 10
322-5	Screw - Cap Hex. Hd.	16 2 36	3296-50	Nut - Lock	15 10 2
323-4	Screw - Cap Hex. Hd.	12 12 2	3296-61	Nut - Lock	10 6 2
323-4	Screw - Cap Hex. Hd.	21 12 2	3296-70	Nut - Lock	10 1 6
323-5	Screw - Cap Hex. Hd.	21 14 6	3296-70	Nut - Lock	9 1 2
323-6	Screw - Cap Hex. Hd.	21 24 1	3296-70	Nut - Lock	12 5 2
323-8	Screw - Cap Hex. Hd.	6 4 6	3296-70	Nut - Lock	14 11 8
323-8	Screw - Cap Hex. Hd.	5 6 6	3296-70	Nut - Lock	11 16 4
323-8	Screw - Cap Hex. Hd.	9 9 8	32108-20	Screw - Flat Hd. Slotted	10 2 4
323-9	Screw - Cap Hex. Hd.	9 4 8	32120-30	Ring - Retaining	9 21 4
323-10	Screw - Cap Hex. Hd.	21 18 6	32121-3	Pin - Roll	19 12 2
323-20	Screw - Cap Hex. Hd.	10 16 2	32121-34	Pin - Roll	11 3 2
325-2	Screw - Cap Hex. Hd.	15 21 4	32121-34	Pin - Roll	14 9 4
325-5	Screw - Cap Hex. Hd.	12 18 4	32121-49	Pin - Roll	5 19 1
325-6	Screw - Cap Hex. Hd.	5 16 1	32151-88	Ring - Retaining	9 3 2
325-8	Screw - Cap Hex. Hd.	12 23 4	32151-88	Ring - Retaining	14 14 16
325-9	Screw - Cap Hex. Hd.	21 13 2	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.

TABLE OF CONTENTS

Description	Page	Description	Page
Frame & Link Pin Assembly	1	Hyd. Cylinder, Hose & Height Adjuster Assembly .	12
Splined Shaft & Idler Gears Assembly	2	Cylinder Assembly 71—6560	13
Gear Box 93—8776	3	Stomper Arm Assembly	14
Crankshaft Assembly	4	6 Finger Plate & Scraper Assembly	15
Pickoff Gear Box Assembly	5	Model No. 09610 Optional 2 Tine Adaption Kit ...	16
Lower Shaft Assembly	6	6 Tine Assembly	17
Front Drive Line Assembly 93—7735		Optional 2 Tine Assembly	18
(6 Tooth Clutch)	7	Roller Assembly	19
Front Drive Line Assembly 93—8786		Hood Assembly	20
(21 Tooth Clutch)	8	Hood Frame Assembly	21
Torsion Shaft & Arm Assembly	9	Stand Assembly	22
Trailing & Stabilizing Arm Assembly	10	Parts Index	23—24
Castor Wheel & Fork Assembly	11		

[illegible]

MAINTENANCE RECORD

[illegible]

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

Litho in U.S.A.