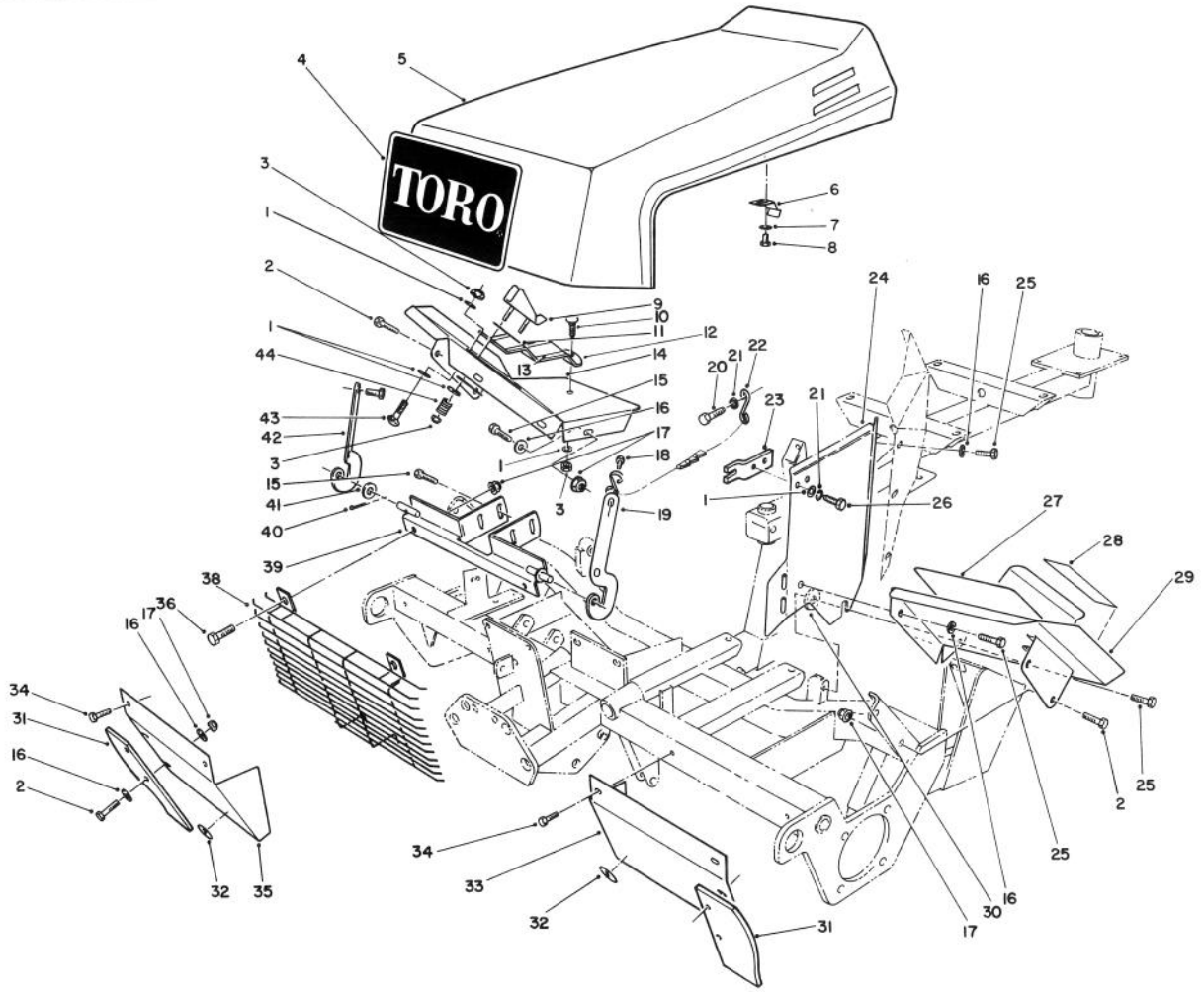
FORM NO. 3313-999 Rev. A

TORO®

MODEL NO. 03430-00001 & Up

PARTS CATALOG

REELMASTER 216 - 3WD

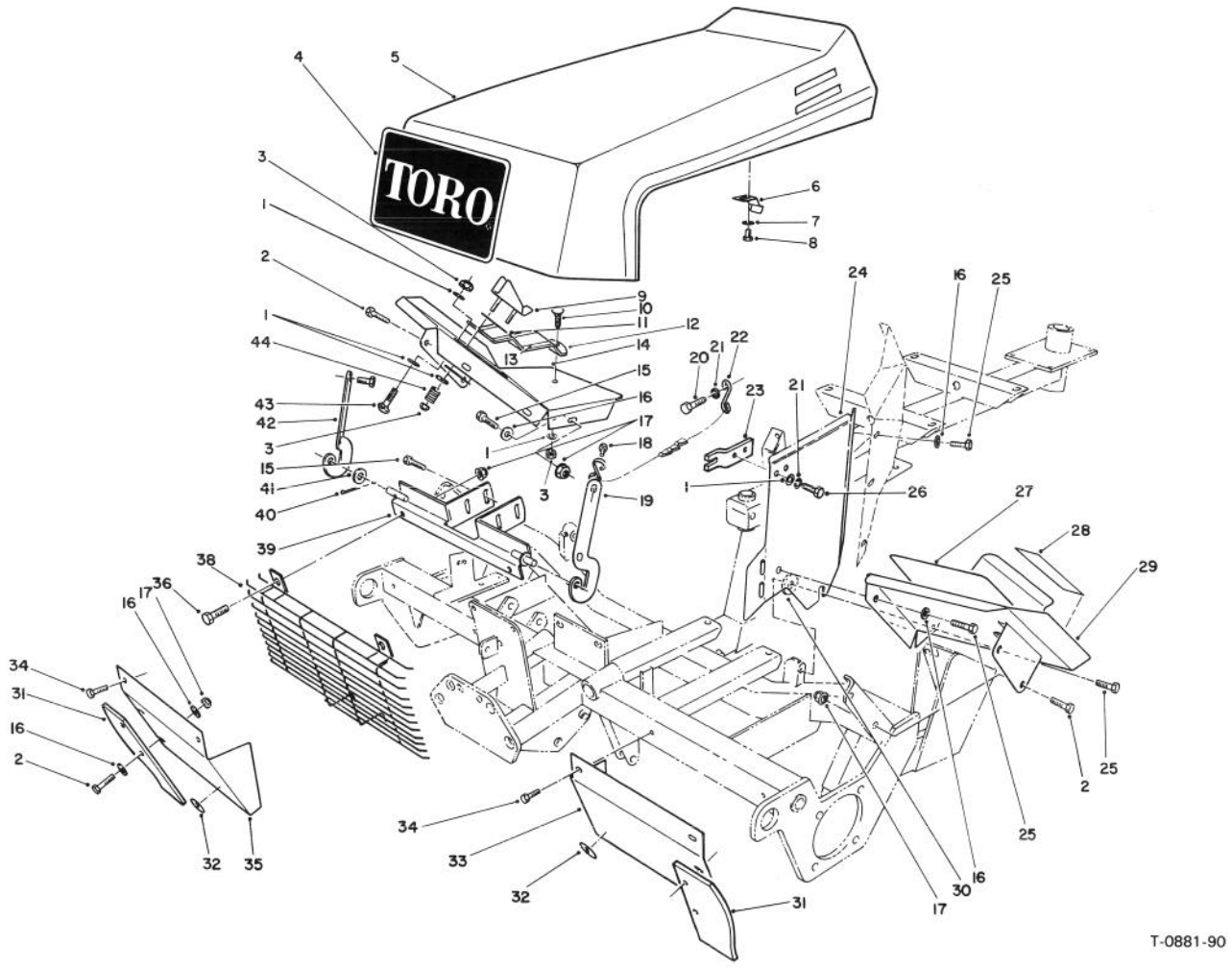


HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3256-22	Washer — Flat	8
2	3234-17	Screw — Cap Hex. Hd.	14
3	3296-16	Nut — Lock	5
4	62-7400	Decal — Toro Logo	1
5	62-5400	Hood Assembly	1
6	75-9310	Latch — Hood	1
7	3256-21	Washer — Flat	2
8	32104-77	Screw — Hex. Hd. Self-Tap	2
9	62-7320	Stop — Traction Pedal	1
10	3229-1	Bolt — Carriage	2
11	62-7350	Slide — Pedal Stop	2
12	76-2200	Footrest — Traction	1
13	76-2260	Pad — Footrest	1
14	76-2270	Footrest R.H.	1
15	3234-17	Screw — Cap Hex. Hd.	6
16	3256-23	Washer — Flat	9
17	32128-25	Nut — Flange Lock	10

Ref. No.	Part No.	Description	No. Used
18	32144-22	Screw — Hex. Hd. Self-Tap	4
19	28-0120	Bracket — Hinge L.H.	1
20	321-5	Screw — Cap Hex. Hd.	1
21	3253-3	Washer — Lock	3
22	76-0130	Chain Assembly — Hood Stop	1
23	72-9540	Bracket — Heat Shield	1
24	72-4150	Shield — Heat	1
25	322-3	Screw — Cap Hex. Hd.	3
26	321-2	Screw	2
27	66-6120	Pad — Foot	1
28	62-7280	Decal — Brake	1
29	72-4360	Footrest — L.H.	1
30	62-7190	Spacer	1
31	62-5000	Deflector — Grass	2
32	58-6520	Decal — Grease Fitting	2
33	61-2970	Shield — Front Grass L.H.	1
34	32104-82	Screw — Hex. Hd. Self-Tap	4

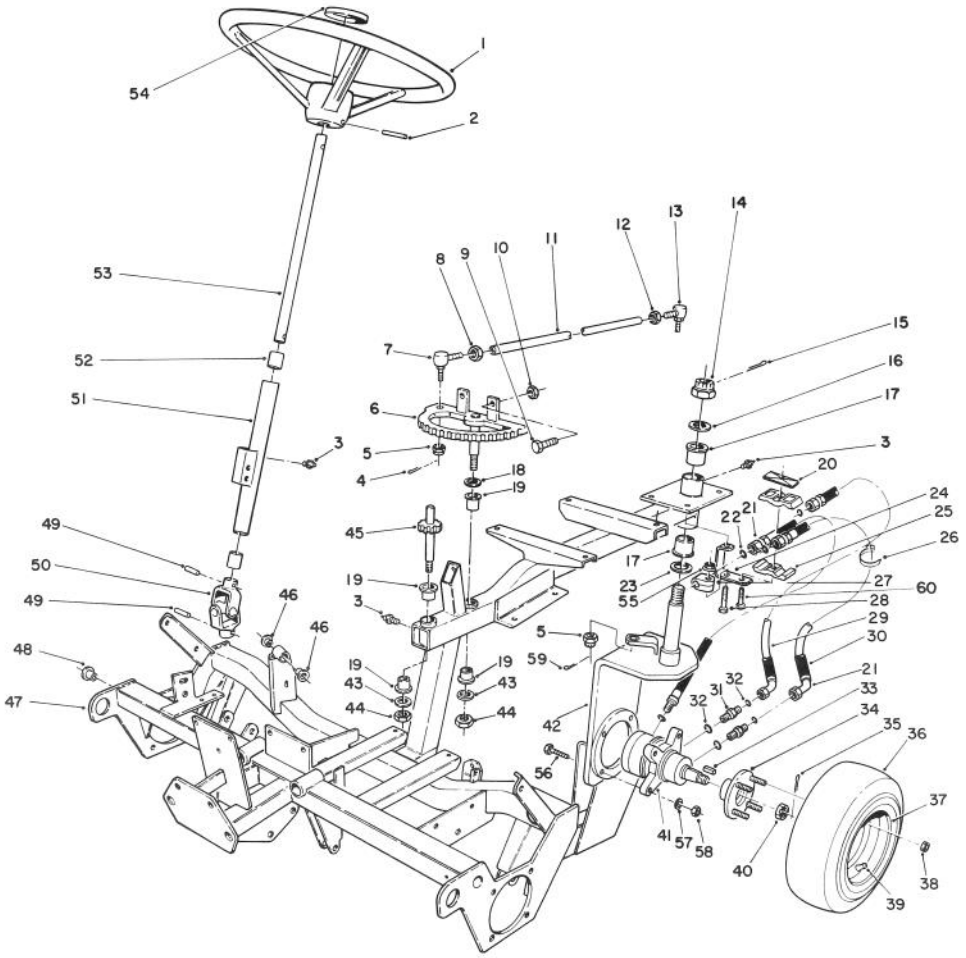
©The Toro Company — 1989



HOOD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
35	61-2980	Shield — Front R.H.	1
36	32122-14	Screw — Truss Hd.	2
38	66-5340	Grille — Front	1
39	61-3010	Support — Hood & Grille	1
40	3272-6	Pin — Cotter	1

Ref. No.	Part No.	Description	No. Used
41	3256-24	Washer — Flat	1
42	28-0130	Bracket — Hinge R.H.	1
43	3229-22	Bolt — Carriage	1
44	10-4850	Spring — Compression	2

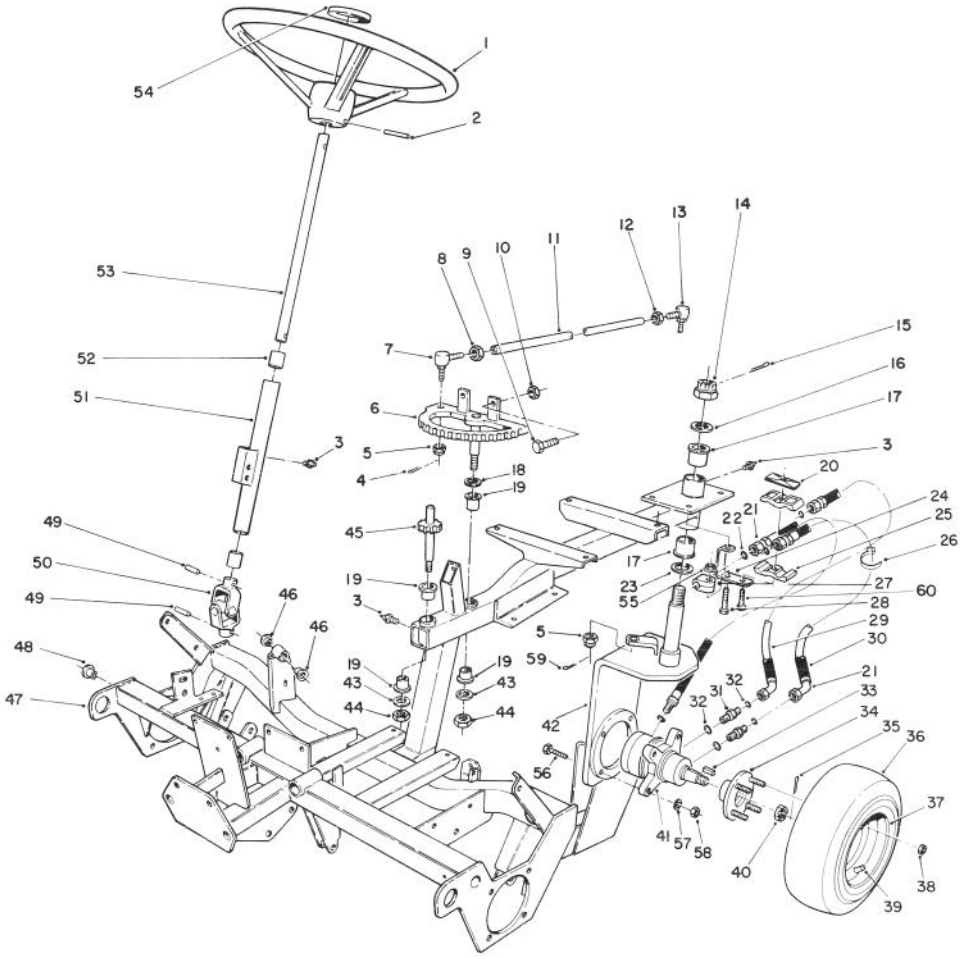


T-0882-90

FRAME AND STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	25-6260	Wheel — Steering (Incl. Ref. #40)	1
2	32121-10	Pin — Roll	1
3	302-5	Fitting — Grease	6
4	3272-6	Pin — Cotter	2
5	32136-4	Nut — Hex. Slotted	2
6	61-2040	Rack Assembly	1
7	21-0140	Balljoint — R.H. (Incl. Ref. #5)	1
8	3220-5	Nut — Jam (R.H.)	1
9	323-7	Screw — Cap Hex. Hd.	2
10	3218-3	Nut — Lock	2
11	61-2070	Tube — Steering	1
12	3220-12	Nut — Jam (L.H.)	1
13	21-0150	Balljoint — L.H. (Incl. Ref. #5)	1
14	32136-9	Nut — Hex. Slotted	1
15	3272-30	Pin — Cotter	1
16	61-2000	Washer	1
17	256-245	Bushing — Flange	2
18	3-6498	Washer	1
19	256-117	Bushing — Flange	4
20	69-9760	Cover — Plate	1
21	71-0780	Hose Assembly	1
22	237-22	O-Ring	4

Ref. No.	Part No.	Description	No. Used
23	72-4170	Washer	1
24	71-0720	Bracket — Tube Support	1
25	56-7976	Clamp — Tube	2
26	3290-378	Tie — Cable	6
27	2412-114	Clamp — Tube	1
28	321-8	Screw — Cap Hex. Hd.	1
29	71-0790	Hose Assembly	2
30	71-0740	Sleeve — Protector	3
31	340-141	Fitting	2
32	237-80	O-Ring	2
33	65-4640	Key	1
34	10-6870	Hub — Wheel	1
35	3272-10	Cotter Pin	1
36	231-127	Tire	1
37	242-76	Wheel — Rim	1
38	242-50	Nut — Lug	4
39	232-47	Tube — Inner	1
40	65-4650	Nut — Slotted	1
41	66-5291	Motor — Hydraulic	1
42	71-0801	Castor Fork Assembly	1
43	3256-29	Washer	2
44	3296-28	Nut — Lock	2
45	61-2010	Pinion	1

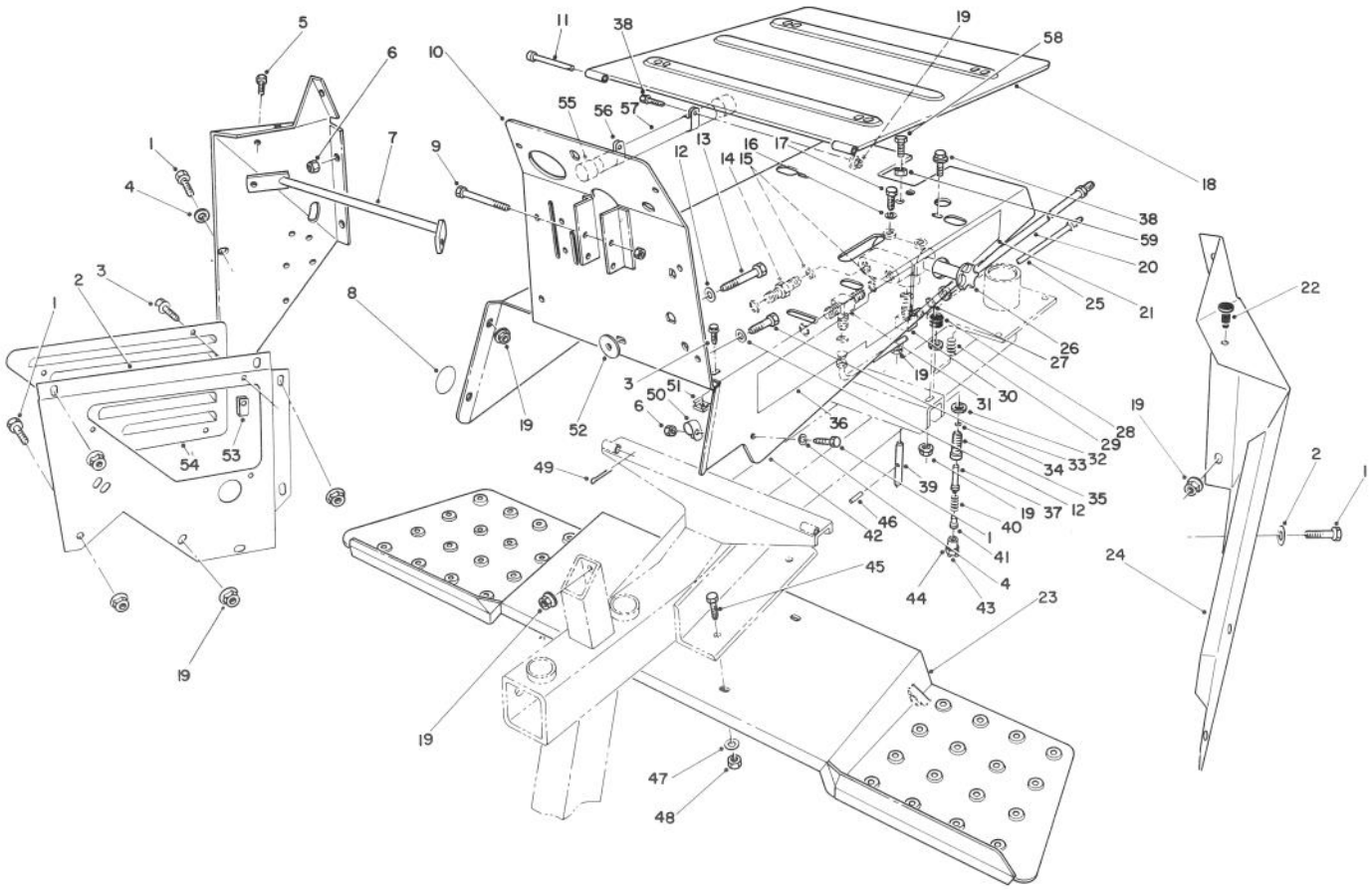


T-0882-90

FRAME AND STEERING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
46	256-287	Bushing — Flange	2
47	76-0400	Frame Assembly (Incl. Ref. #3, 17, 19, 46 & 48)	1
48	256-247	Bushing — Flange	2
49	32121-15	Pin — Roll	2
50	61-3360	Joint — Universal	1
51	61-2090	Column — Steering (Incl. Ref. #3 & 52)	1
52	256-27	Bearing — Sleeve	2

Ref. No.	Part No.	Description	No. Used
53	61-2080	Shaft — Steering	1
54	24-2090	Cap — Steering Wheel	1
55	32128-14	Flange Nut	2
56	325-11	Screw — Cap Hex. Hd.	4
57	3253-32	Washer — Lock	4
58	32128-27	Flange Nut	4
59	3272-7	Cotter Pin	1
60	321-10	Capscrew — Hex. Hd.	1

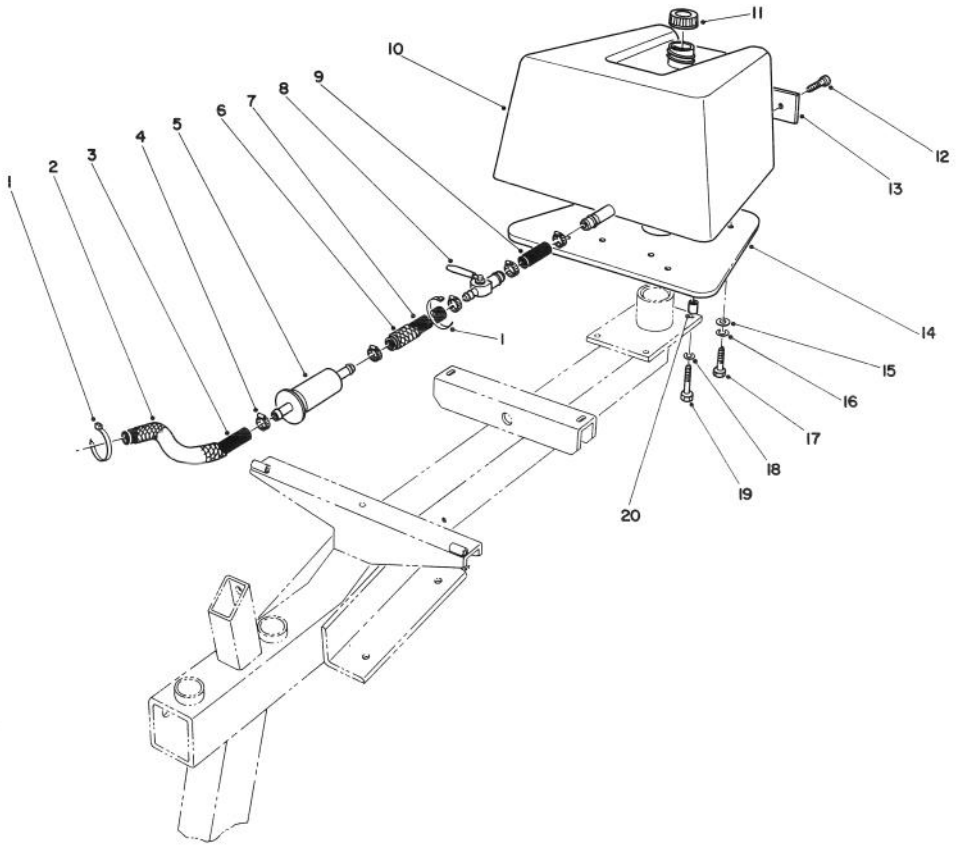


T-1071-90

INSTRUMENT PANEL & SEAT SUPPORT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-3	Screw — Hex. Hd. Cap	9
2	75-9260	Support — Hydraulic Tank	1
3	3234-13	Screw — Hex. Flange Hd.	6
4	3256-23	Washer — Flat	9
5	3234-14	Screw — Hex. Hd. Cap	2
6	3296-29	Nut — Lock	2
7	62-5330	Bracket — Side Panel	1
8	58-6520	Decal — Grease Fitting	1
9	322-12	Screw — Hex. Hd. Cap	1
10	76-0100	Panel — Instrument	1
11	283-49	Pin — Clevis	2
12	3256-70	Washer — Flat	7
13	322-45	Screw — Hex. Hd. Cap	1
14	340-4	Fitting (Incl. Ref. #15)	1
15	237-79	O-Ring	3
16	3253-4	Washer — Lock	2
17	322-1	Screw — Hex. Hd. Cap	2
18	76-0150	Plate — Seat	1
19	32128-25	Nut — Flange Lock	21
20	71-0840	Tube Assembly	1
21	70-2520	Decal — Control	1
22	237-37	Bumper — Rubber	2
23	61-3700	Step — Foot	1
24	72-4350	Panel — Access L.H.	1
25	71-0710	Tube Assembly	1
26	71-2830	Valve — 2 Position	1
27	237-30	O-Ring	3
28	43-8870	Boot — Switch	1
29	3-6685	Spring	1
30	340-98	Fitting (Incl. Ref. #15 & 27)	1

Ref. No.	Part No.	Description	No. Used
31	340-109	Fitting (Incl. Ref. #15 & 27)	1
32	218-461	Nut — Jam	2
33	322-43	Screw — Hex. Hd. Cap	1
34	237-7	O-Ring	1
35	43-8620	Guide — Switch Pin	1
36	61-3840	Decal — Reelmaster 216	2
37	43-8860	Plunger — Switch	1
38	3234-17	Screw — Hex. Flange Hd.	4
39	51-0350	Pin — Seat Spring	1
40	43-8600	Spring — Compression	1
41	43-8610	Guide — Spring & Ball Seat	1
42	76-0180	Panel — 3WD	1
43	38-0430	Switch — Neutral	1
44	237-30	O-Ring	1
45	323-7	Screw — Hex. Hd. Cap	4
46	3284-3	Pin — Groove	1
47	3256-4	Washer — Flat	4
48	3296-39	Nut — Lock	4
49	3274-4	Pin — Cotter	2
50	2412-71	Clamp — R	1
51	3290-196	Nut — Retainer	3
52	62-7170	Spacer	1
53	3290-199	Nut — Speed	3
54	76-0500	Cover — Reservoir Support	1
55	65-5890	Cap — Manual	2
56	2412-102	R-Clamp	2
57	65-5871	Tube — Manual	1
58	322-5	Screw — Hex Hd.	1
59	3217-6	Nut — Hex	1



T-1067-90

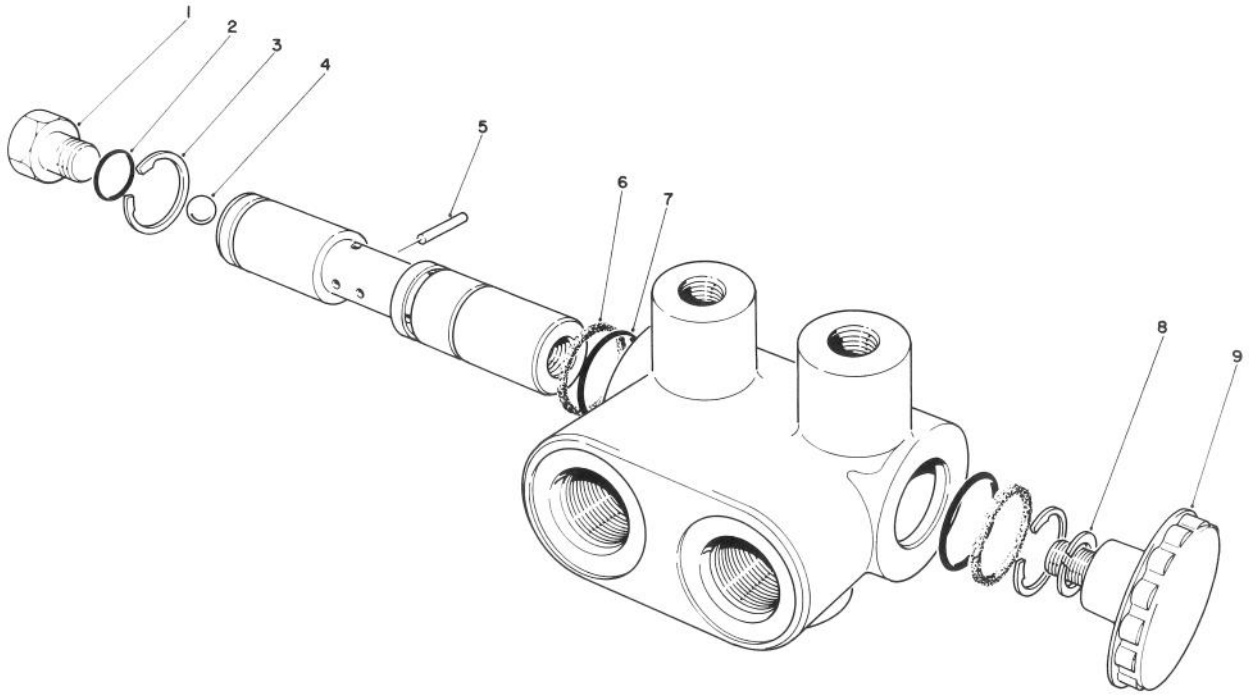
FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290-379	Tie — Cable	2
2	72-9881	Sleeve	1
3	47-2980	Hose — Fuel	1
4	2412-36	Clamp — Hose	6
5	38-8000	Filter — Fuel	1
6	72-9880	Sleeve	1
7	47-2988	Hose — Fuel	1
8	61-3550	Valve — Ball	1
9	56-2230	Hose — Fuel	1
10	61-0030	Tank — Fuel	1
11	55-3570	Cap — Fuel	1

Ref. No.	Part No.	Description	No. Used
12	3290-470	Screw — Machine	2
13	61-3310	Plate — Toro Logo	1
14	61-2680	Weight — Standard	1
*	62-5140	Weight — 8 Bld. (Optional)	1
15	3256-23	Washer — Flat	4
16	3253-4	Washer — Lock	4
17	322-3	Capscrew — Hex. Hd.	4
18	3253-21	Washer — Lock	4
19	323-9	Capscrew — Hex. Hd.	4
†20	61-2220	Spacer	4

* Not Illustrated

† Use with 5 blade cutting units only.

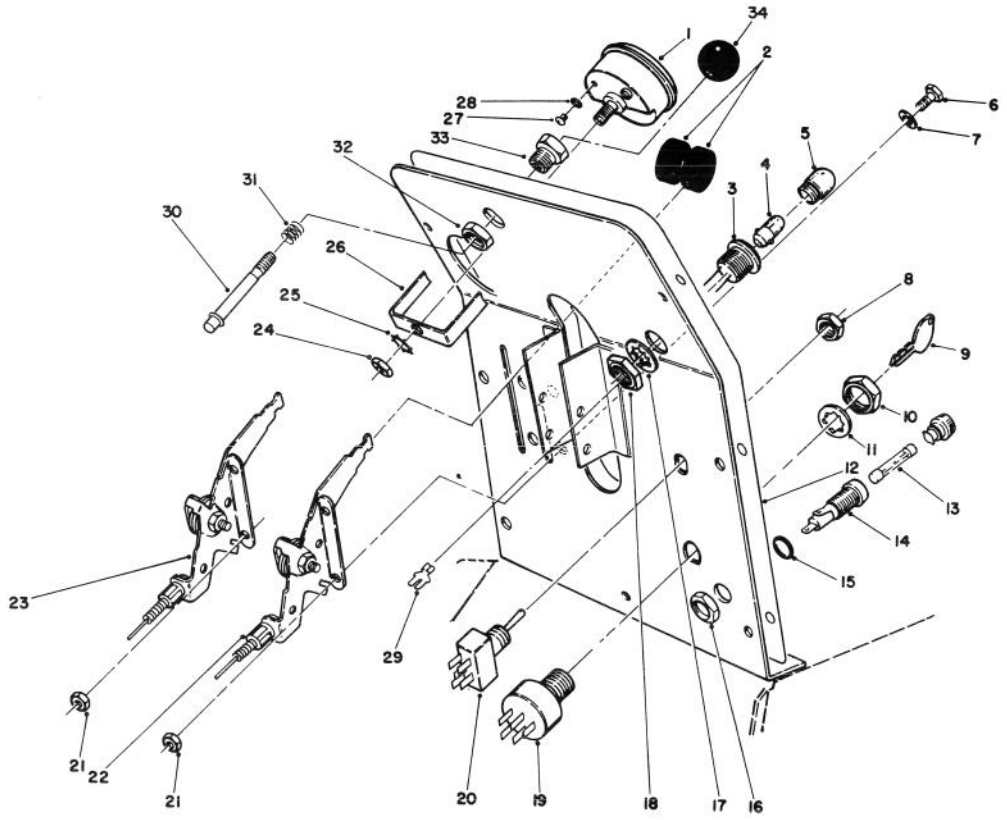


T-0672-90

TWO POSITION VALVE NO. 71-2830

Ref. No.	Part No.	Description	No. Used
1	352-512	Plug - Hydraulic	1
2	237-22	O-Ring	1
3	32151-50	Ring - Retaining	2
4	354-23	Ball - Check 5/16"	1
5	32121-38	Pin - Roll	1
6+		Washer - Backup	2
7	237-54	O-Ring	2
8	3253-5	Washer - Lock	1
9	233-46	Knob	1
*	71-1220	Seal Repair Kit (Incl. Ref. # 2, 3, 6, & 7)	1

* Not Illustrated
\+ Available only in Seal Repair Kit 71-1220



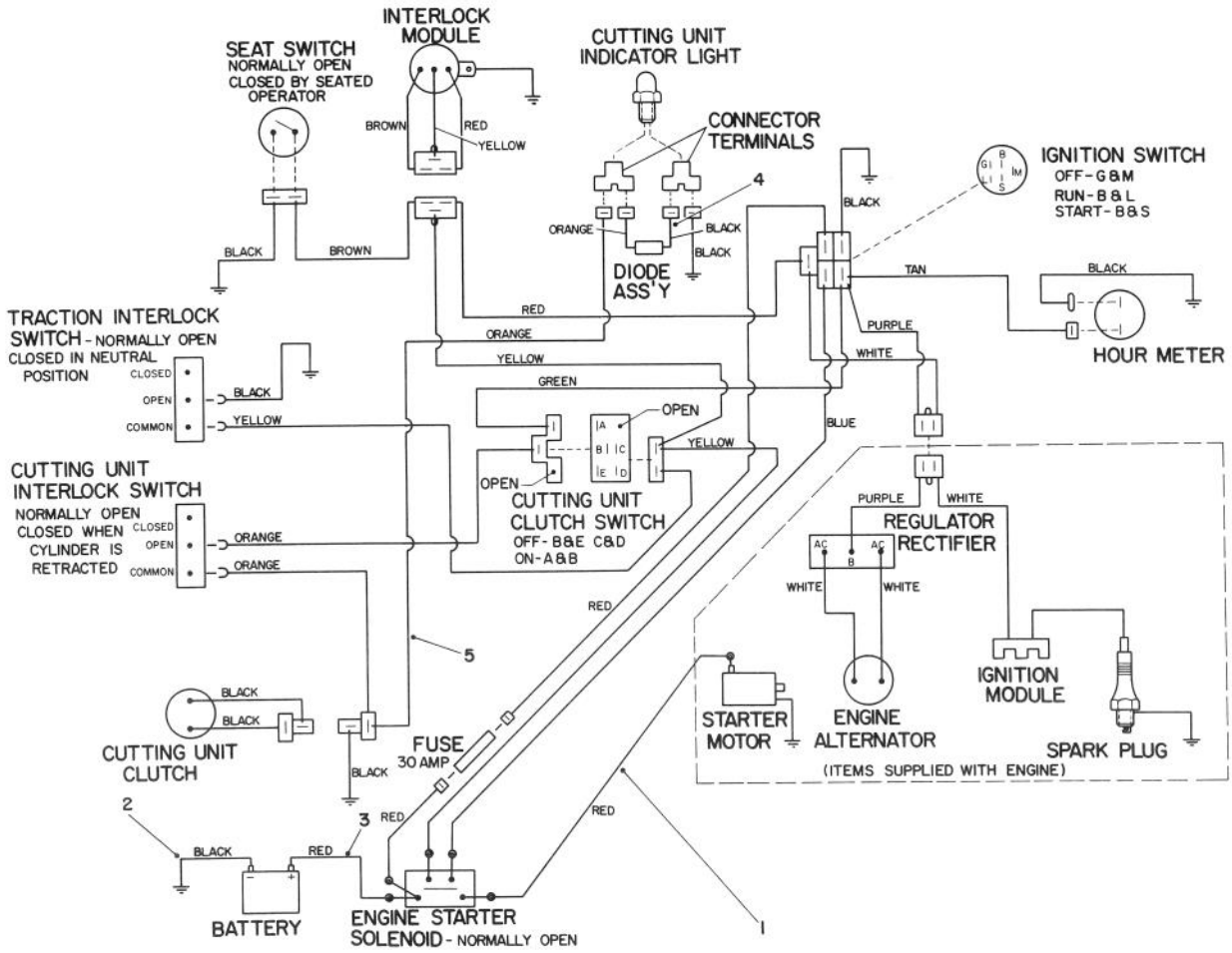
T-0264-90

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	12-9990	Meter — Hour (Incl. Ref. #24-28)	1
2	233-35	Knob	2
3	44-2212	Lamp — Pilot (Incl. Ref. #4, 5 & 17-18)	1
†4	219-18	Bulb — Light (GE #1893)	1
5	218-562	Lens	1
6	321-39	Screw — Cap Hex. Hd.	4
7	3256-1	Washer — Flat	4
8	218-500	Nut	1
9	63-8360	Key (Set of 2)	1
10	218-461	Nut	1
11	3254-5	Washer — Lock	1
12	76-0110	Decal — Instrument Panel	1
†13		Fuse — 30 Amp.	1
14	218-489	Fuse Holder Assembly (Incl. Ref. #15-16)	1
15		Seal — O-Ring	1
16		Nut — Hex.	1
17	218-536	Washer — Lock	1

Ref. No.	Part No.	Description	No. Used
18	218-535	Nut	1
19	23-0660	Switch — Key (Incl. Ref. #9-11)	1
20	37-2610	Switch — Clutch (Incl. Ref. #8)	1
21	3296-16	Nut — Lock	4
22	61-2630	Control — Choke	1
23	61-2640	Control — Throttle	1
24	3217-26	Nut — Hex.	1
25	3254-1	Washer — Lock	1
26	218-515	Bracket — Mounting	1
27	3250-15	Screw — Pan Hd.	2
28	3254-10	Washer — Lock	2
29	218-582	Tab Adaptor	2
30	75-9330	Pin — Hood Latch	1
31	5-4723	Spring — Compression	1
32	3218-5	Nut — Hex. Jam	1
33	75-9320	Bushing — Hood Latch	1
34	233-17	Knob	1

† Obtain Locally

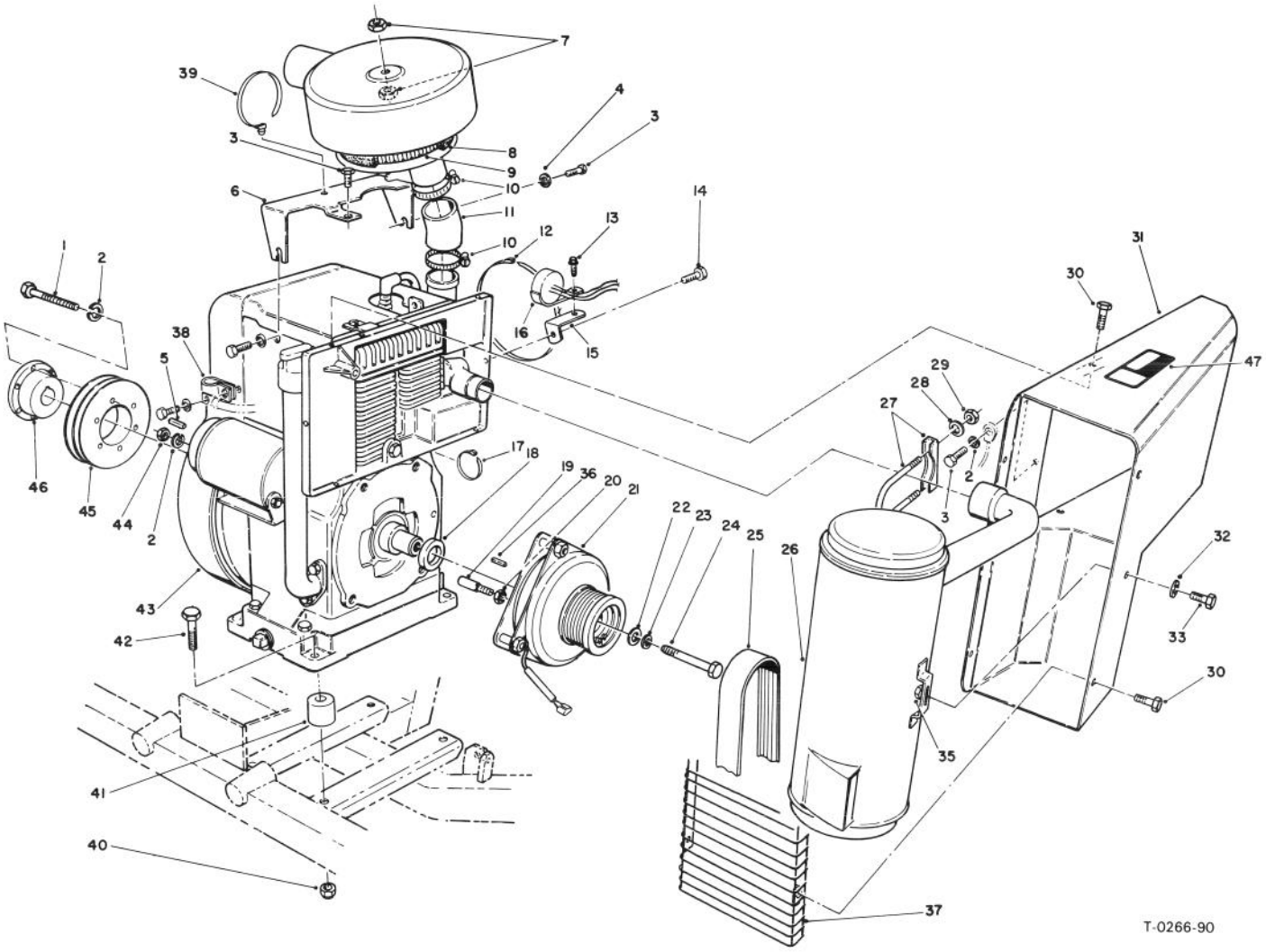


T-1068-90

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	61-2660	Wire — Solenoid/Starter	1
2	61-2670	Wire — Ground	1
3	10-7130	Wire — Battery/Solenoid	1

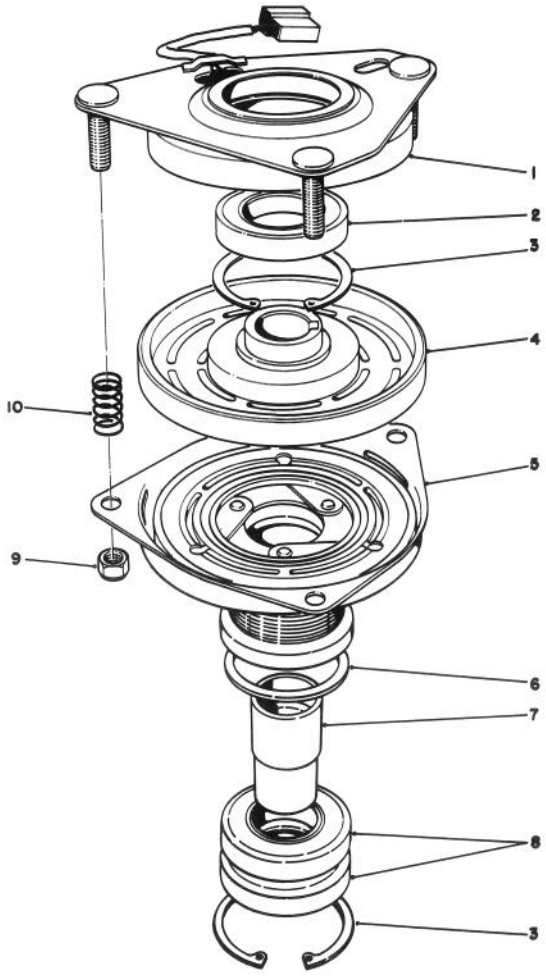
Ref. No.	Part No.	Description	No. Used
4	72-9560	Wire — Harness/Diode	1
5	76-0490	Wire Harness Assembly	1



ENGINE & CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-13	Screw — Cap Hex. Hd.	3
2	3253-3	Washer — Lock	3
3	3234-4	Screw — Cap Hex. Hd.	3
4	3256-1	Washer — Flat	1
5	10-7070	Key — Square	1
6	61-2120	Bracket — Air Cleaner	1
7	3296-56	Nut — Lock	2
8		Precleaner — Air Cleaner	1
9		Element — Air Cleaner	1
10	2412-92	Clamp — Hose	2
11	61-3470	Hose	1
12	3333-975	Tie — Cable	1
13	11-9760	Screw — Tapping	1
14	3234-4	Screw — Cap Hex. Hd.	1
15	76-0070	Bracket — Interlock Module	1
16	59-9810	Module — Ignition	1
17	3290-378	Tie — Cable	1
18	70-7080	Spacer — Clutch	1
19	61-2170	Stop — Clutch	1
20	3218-3	Nut — Jam	1
21	70-8020	Clutch Assembly	1
22	70-8040	Washer — Flat	1
23	3253-27	Washer — Lock	1
24	3213-9	Capscrew — Hex. Hd.	1
25	61-3390	Belt — Poly-V	1
26	61-0040	Muffler	1

Ref. No.	Part No.	Description	No. Used
27	2112-9	Clamp — Muffler (Incl. Ref. #28-29)	1
28	3253-4	Washer — Lock	2
29	3217-6	Nut — Hex.	2
30	12-3270	Screw — Cap Hex. Hd.	8
31	61-0020	Shroud — Muffler	1
32	3256-70	Washer — Flat	2
33	322-46	Screw — Cap Hex. Hd.	2
35	32128-12	Nut — Lock	2
36	70-8030	Key	1
37	66-5330	Grille — Muffler	1
38	2412-41	Clamp — R	1
39	3290-410	Tie — Push Mount	1
40	3296-39	Nut — Lock	4
41	61-2220	Spacer — Engine	4
42	323-47	Screw — Cap Hex. Hd.	4
43		Engine — Kohler Model No. M16 Spec. No. 711565	1
43		Engine — Kohler Model No. M16 Spec. No. 711563	1
44	3218-1	Nut — Hex.	1
45	61-3330	Pulley — Engine	1
46	61-3340	Bushing — Taper (Incl. Ref. #1-2)	1
47	66-6840	Decal — Hot	1

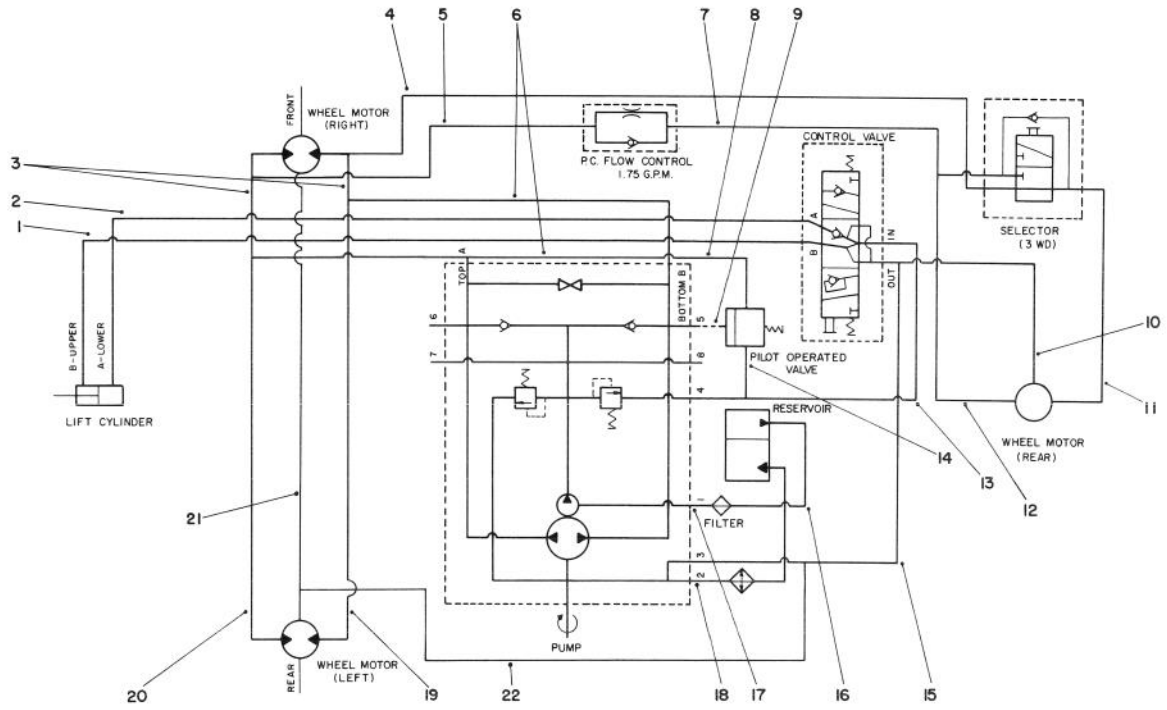


T-0267-90

ELECTRIC CLUTCH ASSEMBLY NO. 70-8020

Ref. No.	Part No.	Description	No. Used
1	44-8350	Field Assembly (Incl. Ref. #2 & 3)	1
2	251-292	Bearing — Field	1
3	44-8310	Ring — Retaining	2
4	44-8360	Field Coil, Rotor & Bearing Assembly (Incl. Ref. #1)	1

Ref. No.	Part No.	Description	No. Used
5	62-5250	Armature & Pulley Assembly (Incl. Ref. #3, 6, 7 & 8)	1
6	44-8330	Spacer — Pulley Bearing	1
7	76-0080	Collar — Bearing	1
8	251-291	Bearing — Pulley	2
9	3296-6	Nut — Lock	3
10	44-8320	Spring — Compression	3

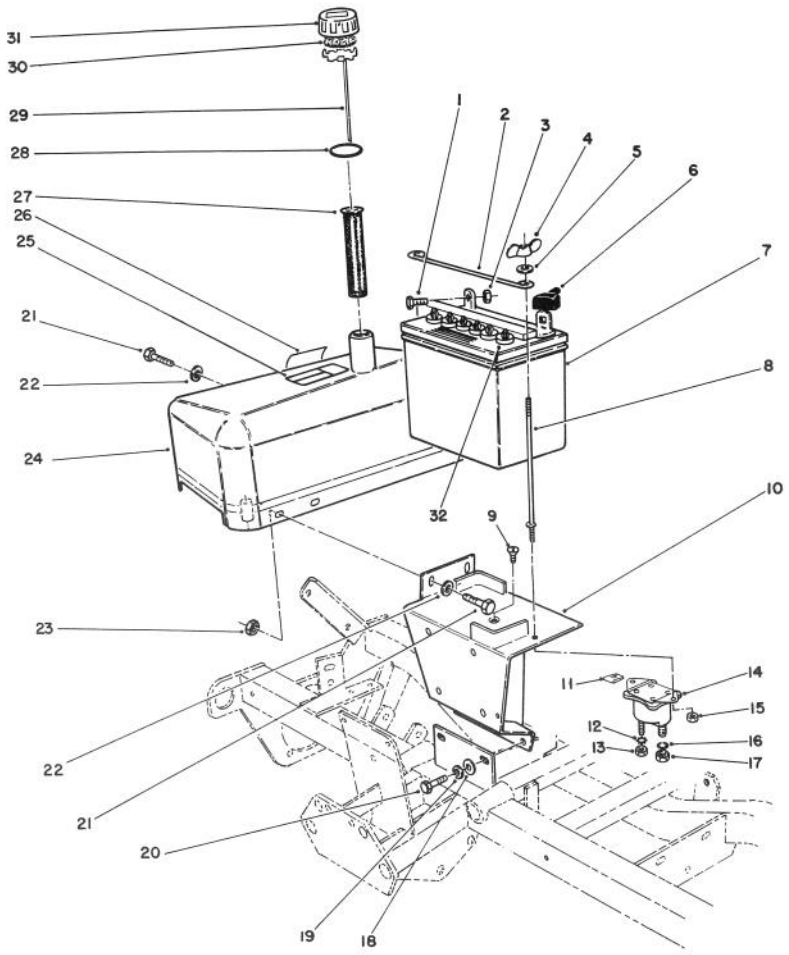


T-0891-90

HYDRAULIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	61-2500	Hose Assembly	1
2	61-2490	Hose Assembly	1
3	71-0870	Tube Assembly	2
4	71-0910	Tube Assembly	1
5	71-0880	Tube Assembly	1
6	61-3130	Hose Assembly	1
7	71-0850	Tube Assembly	1
8	63-4870	Hose Assembly	1
9	63-4890	Hose Assembly	1
10	71-0860	Tube Assembly	1
11	71-0840	Tube Assembly	1

Ref. No.	Part No.	Description	No. Used
12	71-0710	Tube Assembly	1
13	61-2520	Hose Assembly	1
14	63-4880	Hose Assembly	1
15	61-2510	Hose Assembly	1
16	61-2550	Hose Assembly	1
17	61-2540	Hose Assembly	1
18	63-5170	Hose Assembly	1
19	61-3070	Tube Assembly	1
20	61-3080	Tube Assembly	1
21	74-3260	Hose Assembly	1
22	74-3250	Hose Assembly	1



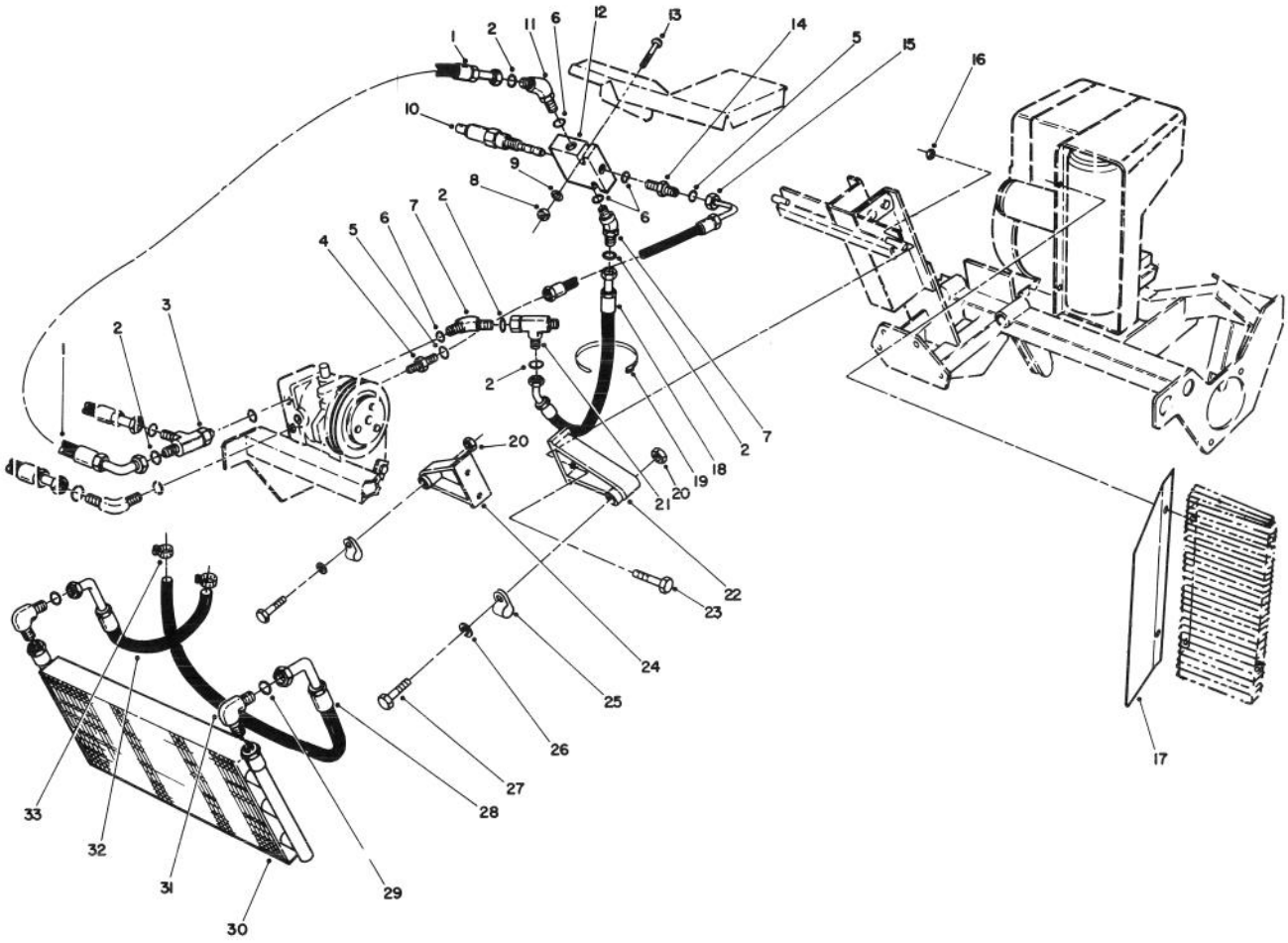
T-0885-90

HYDRAULIC TANK & BATTERY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-3	Screw — Cap Hex. Hd.	2
2	7-0536	Battery Clamp Assembly	1
3	3217-6	Nut — Hex.	2
4	32103-12	Nut — Wing	2
5	3256-1	Washer — Flat	2
6	28-8080	Boot — Battery Terminal	1
7	49-7030	Battery — 12 Volt	1
8	10-8120	Bolt — Battery	2
9	32108-101	Screw — Flathead	1
10	76-0440	Battery Suport W.A.	1
11	3290-199	Nut — Speed	1
12	3254-1	Washer — Lock	2
13	3219-14	Nut — Hex.	2
14	28-4210	Solenoid — Starter	1
15	32149-2	Nut — Hex.	2
16	3253-4	Washer — Lock	2
17	3218-13	Nut — Lock	2

Ref. No.	Part No.	Description	No. Used
18	3256-24	Washer — Flat	2
19	3253-21	Washer — Lock	2
20	11-0590	Screw — Cap Hex. Hd.	2
21	322-43	Screw — Cap Hex. Hd.	4
22	3256-70	Washer — Flat	4
23	32128-25	Nut — Lock	2
24	61-0100	Tank — Hydraulic	1
25	66-6840	Decal — Hot	1
26	58-6530	Decal — Oil	1
27	61-2790	Screen — Filler	1
28	237-71	O-Ring	1
29	76-0240	Dipstick Assembly	1
30	76-0220	Foam — Oil Filter	1
31	76-0190	Cap — Oil	1
*	76-0200	Oil Cap Assembly (Incl. Ref. #28-31)	1

* Not Illustrated



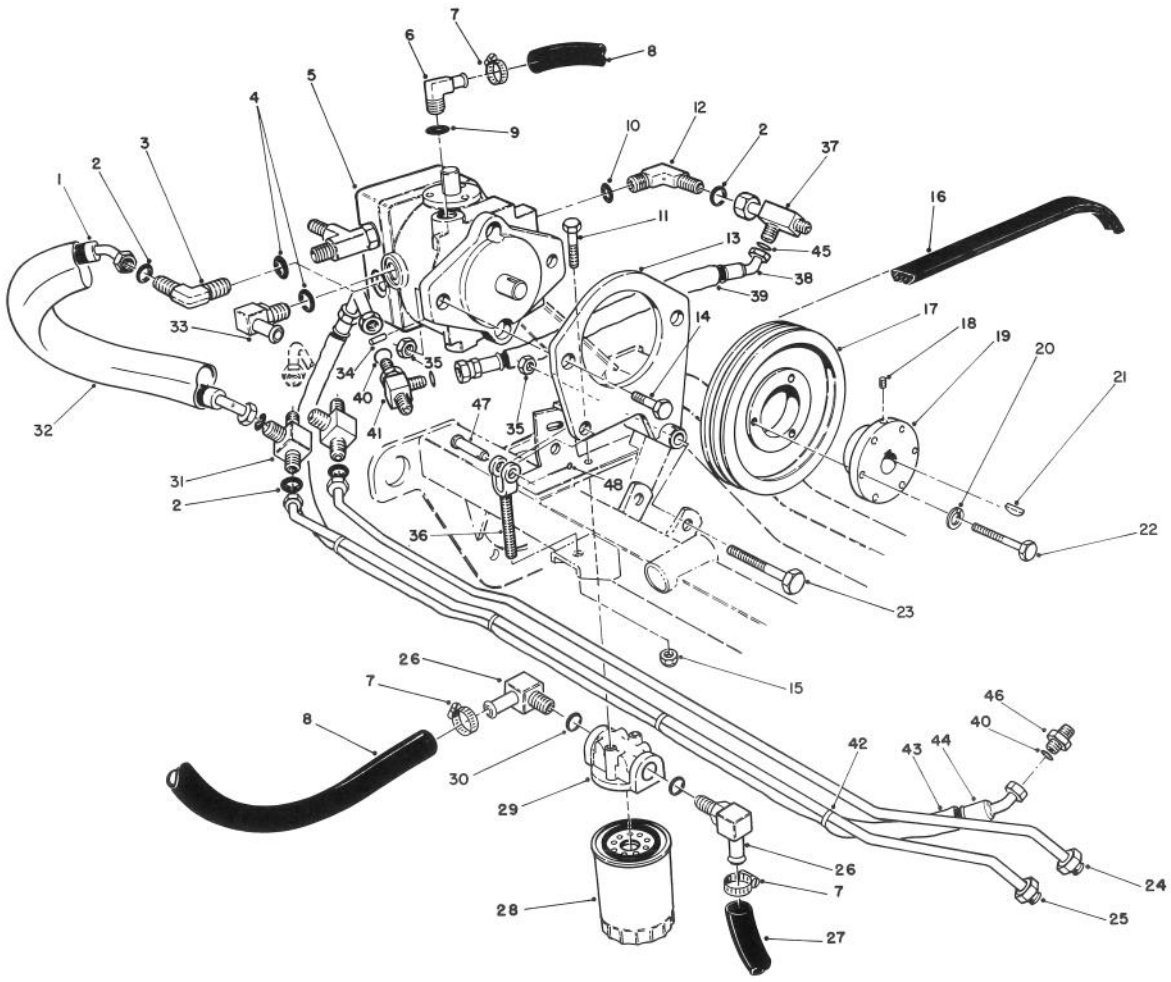
T-0886-90

HYDRAULIC OIL COOLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-4870	Hydraulic Hose Assembly	1
2	237-30	Seal — O-Ring	5
3	340-109	Fitting — Male Tee (Incl. Ref. #2)	1
4	340-107	Fitting — Straight (Incl. Ref. #5)	1
5	237-150	Seal — O-Ring	2
6	237-22	Seal — O-Ring	4
7	340-96	Fitting — 45° Elbow (Incl. Ref. #2 & 6)	2
8	32128-32	Nut — Hex. Flange	2
9	3256-22	Washer — Flat	2
10	63-8790	Valve — Pressure Sequence	1
11	63-8770	Fitting — 45° Orifice (Incl. Ref. #2 & 6)	1
12	63-5080	Valve Assy. (Incl. Ref. #10)	1
13	321-11	Screw — Cap Hex.Hd.	2
14	340-1	Fitting — Straight (Incl. Ref. #5 & 6)	1
15	63-4890	Hydraulic Hose Assembly	1
16	32128-25	Nut — Hex.	4
17	63-8940	Shield — Cooler	1

Ref. No.	Part No.	Description	No. Used
18	63-4880	Hydraulic Hose Assembly	1
19	3290-379	Tie — Cable	1
20	3296-39	Nut — Hex.	2
21	340-104	Fitting — Male/Female Tee (Incl. Ref. #2)	1
22	63-5340	Bracket — Cooler L.H.	1
23	322-4	Screw — Hex. Washer Hd.	4
24	63-5350	Bracket — Cooler R.H.	1
25	2412-39	Clamp — R	2
26	3256-24	Washer — Flat	2
27	323-10	Screw — Cap Hex. Hd.	2
28	63-5180	Hydraulic Hose Assembly	1
29	237-151	Seal — O-Ring	2
30	63-5400	Exchanger — Heat	1
31	340-108	Fitting — 90° Male Elbow (Incl. Ref. #29)	2
32	63-5170	Hydraulic Hose Assembly	1
33	2412-34	Clamp — Hose	2
*	63-8800	Seal Kit — Pressure Valve	1
*	56-7982	Sleeve — Protective	1

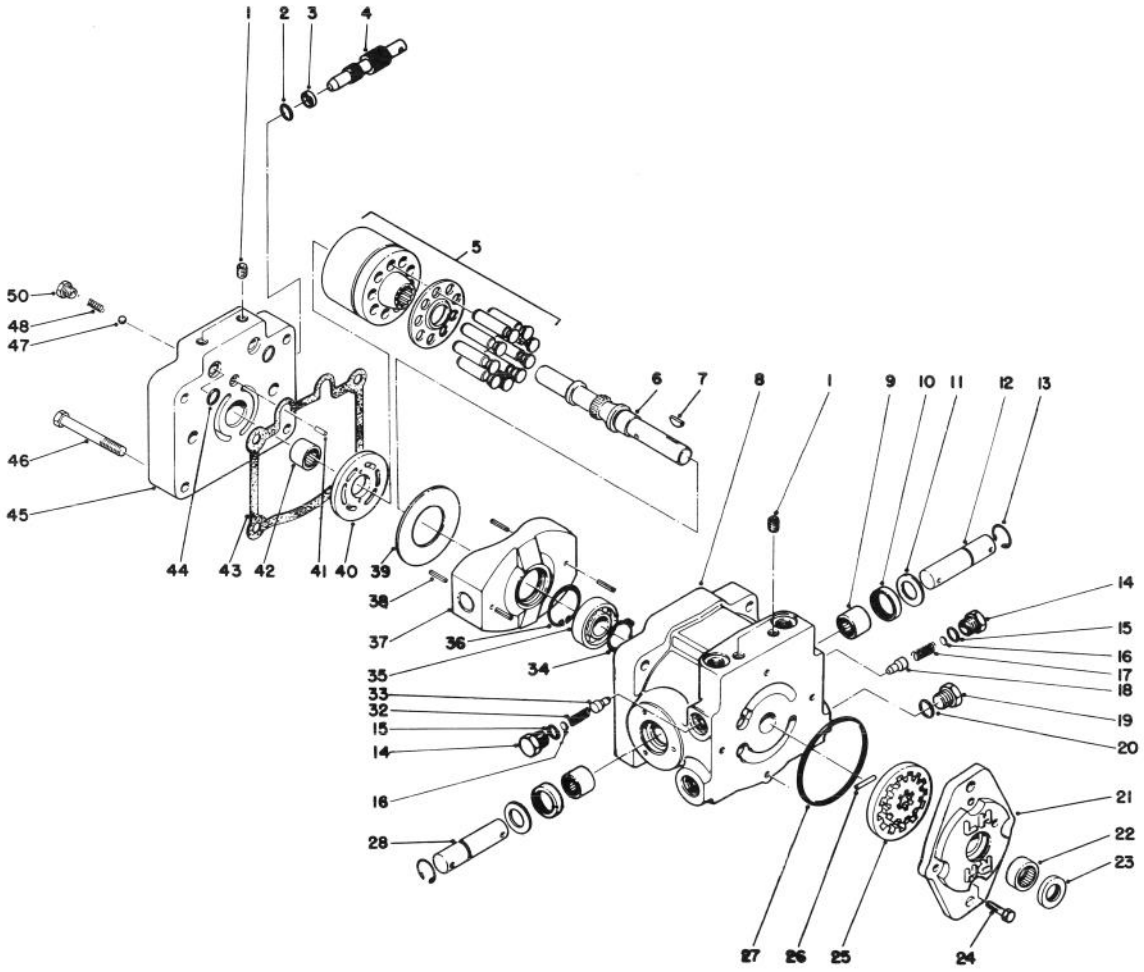
* Not Illustrated



HYDRAULIC DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	61-3130	Hydraulic Hose	2
2	237-30	O-Ring	10
3	340-98	Fitting — 90° Elbow (Incle. Ref. #2 & 4)	1
4	237-79	O-Ring	2
5	61-0080	Pump Assembly (Incl. Ref. #20)	1
6	61-2710	Fitting — 90° Hose Elbow (Incl. Ref. #9)	1
7	2412-3	Clamp — Hose	4
8	61-2540	Hose — Hydraulic	1
9	237-80	O-Ring	1
10	237-22	O-Ring	2
11	3234-4	Screw — Hex Washer Hd.	2
12	340-96	Fitting — 45° Elbow (Incl. Ref. #2 & 10)	3
13	61-2230	Plate — Pump Mount	1
14	325-7	Screw — Cap Hex Hd.	2
15	3296-6	Nut — Lock	1
16	61-3400	V-Belt — Pump	1
17	61-3320	Pulley — Pump	1
18	3245-9	Screw — Set	1
19	61-3350	Bushing — Tapes (Incl. Ref. #12, 18 & 22)	1
20	3253-3	Washer — Lock	3
21	3257-32	Key — Woodruff	1
22	321-13	Screw — Cap Hex Hd.	3
23	325-18	Screw — Cap Hex Hd.	1

Ref. No.	Part No.	Description	No. Used
24	61-3080	Tube — Hyd. L.H. (Front)	1
25	61-3070	Tube —Hyd. L.H. (Rear)	1
26	23-8910	Fitting — 90° Hose Elbow (incl. Ref. #30)	2
27	61-2550	Hose — Hydraulic	1
28	54-0110	Filter — Oil	1
29	61-3770	Head — Filter	1
30	237-117	O-Ring	2
31	340-102	Fitting — Tee (Incl. Ref. #2)	2
32	56-7982	Sleeve — Protective	3
33	353-954	Fitting — 90° Hose Elbow (Incl. Ref. #4)	1
34	32121-34	Pin — Roll	1
35	3296-23	Nut — Lock	3
36	76-2220	Adjustment Yoke Assembly	1
37	340-104	T-Fitting	1
38	74-3250	Hose Assembly — Hyd.	1
39	74-3280	Guard — Splash	1
40	237-30	O-Ring	3
41	340-140	T-Fitting	1
42	3290-379	Cable Tie	4
43	74-3270	Guard — Splash	1
44	74-3260	Hose Assembly	1
45	237-78	O-Ring	1
46	340-92	Fitting	1
47	283-2	Pin — Yoke	1
48	3272-6	Pin — Cotter	1



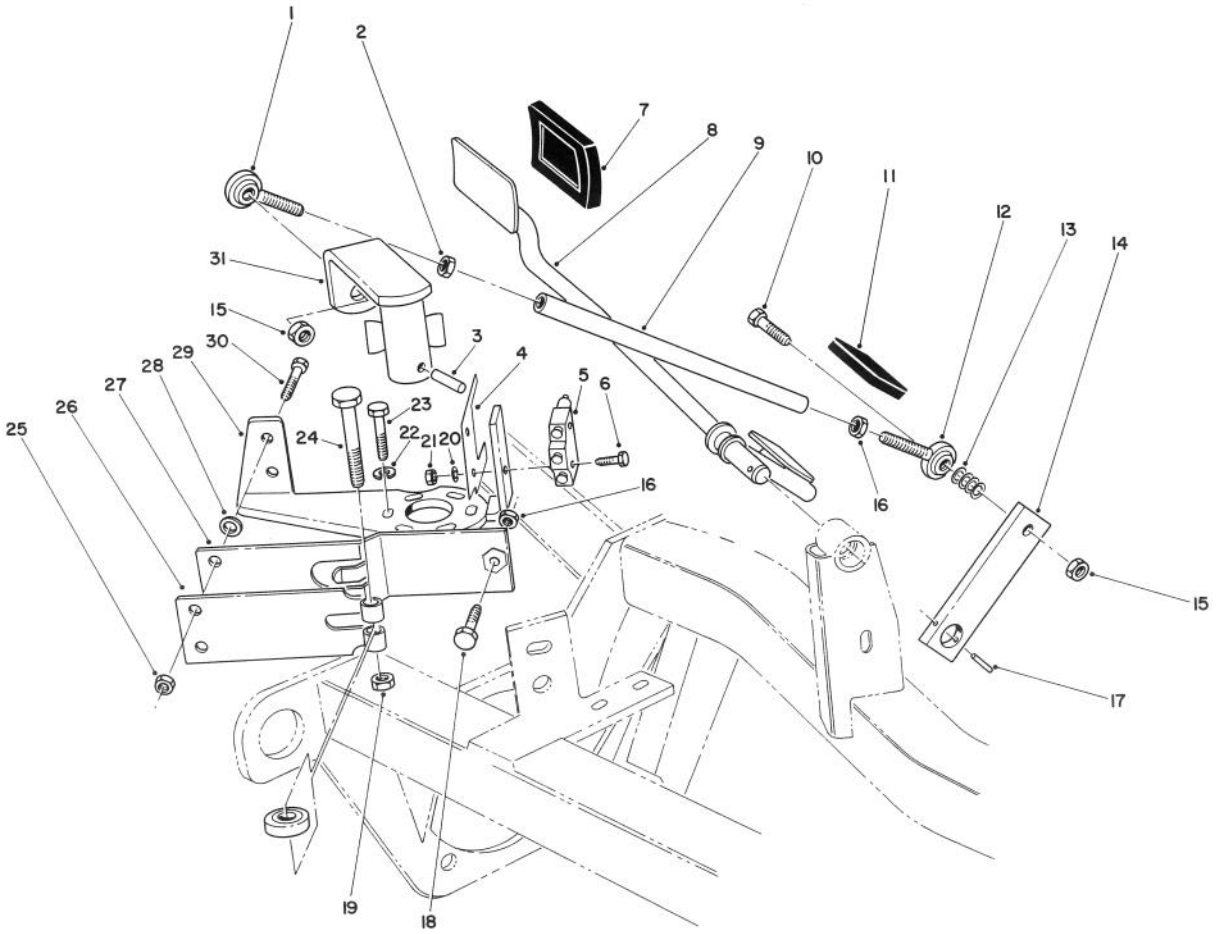
T-0245-90

HYDRAULIC PUMP ASSEMBLY NO. 61-0080

Ref. No.	Part No.	Description	No. Used
1	285-17	Plug — Pipe	6
2	237-22	O-Ring	1
3	25-2630	Ring	1
4	25-2620	Valve — By-Pass	1
5	48-1800	Cylinder Block Kit	1
6	67-8020	Shaft — Pump	1
7	3257-32	Key — Woodruff	1
8	61-0080	Hydraulic Pump Assembly (Complete)	1
9	252-82	Bearing — Needle	2
10	25-3210	Seal — Lip	2
11	25-2510	Washer	2
12	25-2580	Shaft — Trunnion	1
13	32151-46	Ring — Retaining	2
14	25-2460	Plug	2
15	237-86	O-Ring	2
16	25-2470	Kit — Shim Pack	2
17	25-2570	Spring — Relief Valve	1
18	25-2560	Cone — Relief Valve	1
19	67-8030	Plug Assy. (Incl. Ref. #20)	1
20	67-8040	O-Ring	1
21	25-2690	Housing — Charge Pump	1
22	67-8050	Bearing — Needle	1
23	67-8060	Seal — Lip	1
24	322-4	Screw — Cap Hex. Hd.	4
25	25-2680	Gerotor Assembly	1

Ref. No.	Part No.	Description	No. Used
26	25-2530	Pin — Straight	1
27	237-95	O-Ring	1
28	49-8480	Shaft — Trunnion	1
32	25-2480	Spring — Charge Relief	1
33	28-3420	Cone — Charge Relief	1
34	32120-15	Ring — Retaining	1
35	251-8	Bearing — Ball	1
36	32120-11	Ring — Retaining	1
37	25-2450	Swash/Plate	1
38	32121-91	Pin — Coiled Spring	3
39	25-2380	Plate — Thrust	1
40	25-2390	Plate — Valve	1
41	25-2430	Pin — Straight	1
42	67-8080	Bearing — Needle	1
43	25-2400	Gasket	1
44	62-4290	O-Ring	2
45	67-8090	Cap — Pump End	1
46	323-11	Screw — Cap Hex. Hd.	4
47	25-2490	Ball — Check Valve	2
48	25-2640	Spring — Check Valve	2
50	25-2650	Plug — Check Valve	2
*	25-3180	Kit — Check Valve (Incl. Ref. #47-50)	1
*	49-8520	Kit — Implement Relief (Incl. Ref. #14-18)	1

* Not Illustrated

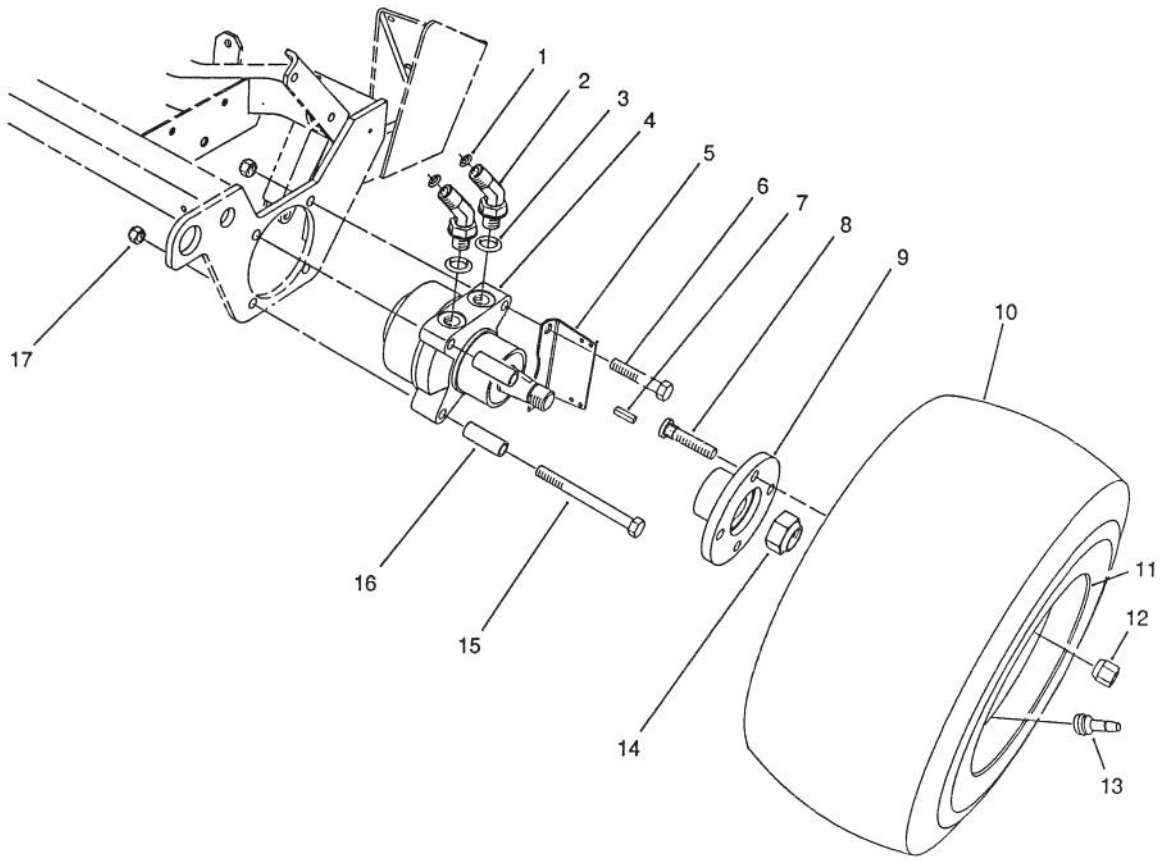


T-1069-90

TRACTION CONTROLS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-0480	Bearing — Rod End L.H.	1
2	3220-20	Nut — Jam L.H.	1
3	32121-24	Pin — Roll	1
4	46-8810	Stop — Spring	1
5	29-6162	Switch — Micro	1
6	3249-11	Screw — Rd. Hd. Machine	2
7	49-6470	Pad — Pedal Forward	1
8	76-2170	Pedal — Traction	1
9	76-0420	Rod — Pump Control	1
10	322-7	Capscrew — Hex. Hd.	2
11	49-6430	Pad — Pedal Reverse	1
12	76-0470	Bear — Rod End R.H.	1
13	3256-74	Washer — Flat	8
14	61-2610	Arm — Traction	1
15	32153-3	Nut — Lock	2
16	3220-2	Nut — Jam R.H.	1

Ref. No.	Part No.	Description	No. Used
17	32121-6	Pin — Roll	1
18	3210-7	Capscrew — Hex. Hd.	1
19	3296-29	Nut — Lock	1
20	3254-9	Washer — Lock	2
21	3217-16	Nut — Lock	2
22	3255-7	Washer — Lock	3
23	11-9760	Scrw — Hex. Hd. Self Tapping	3
24	322-17	Capscrew — Hex. Hd.	1
25	3296-16	Nut — Lock	2
26	29-6150	Spring — Leaf	1
27	29-6170	Spring — Extended Leaf	1
28	51-3150	Shim — Spring Arm	1
29	29-6120	Plate — Pump	1
30	3234-4	Capscrew — Hex. Hd.	2
31	61-2940	Lever — Pump	1

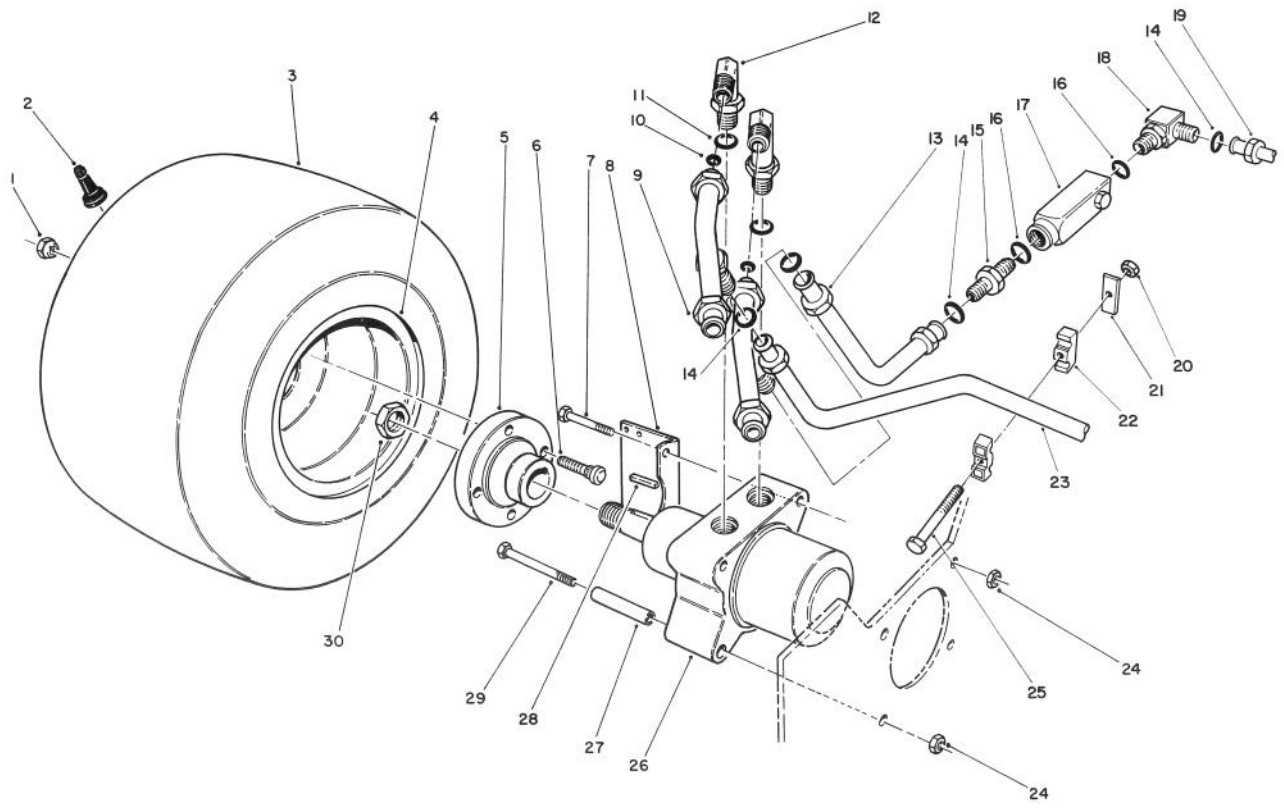


T-0273-90

L.H. FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237-30	O-Ring	2
2	340-89	Fitting — 45° Elbow (Incl. Ref. #1 & 3)	2
3	237-80	O-Ring	2
4	66-5291	Motor — Hydraulic (Incl. Ref. #7)	1
5	62-5110	Bracket — Brake Spring	1
6	325-11	Screw — Cap Hex. Hd.	2
7	65-4640	Key — Square	1
8	10-6830	Stud — Drive	4

Ref. No.	Part No.	Description	No. Used
9	10-6870	Hub — Wheel	1
10	231-127	Tire	1
11	217-60	Rim — Wheel	1
12	242-50	Nut — Lug	4
13	232-27	Stem — Valve	1
14	26-3790	Nut — Lock	1
15	325-22	Screw — Cap Hex. Hd.	2
16	61-3890	Spacer — Brake	2
17	3296-23	Nut — Lock	4

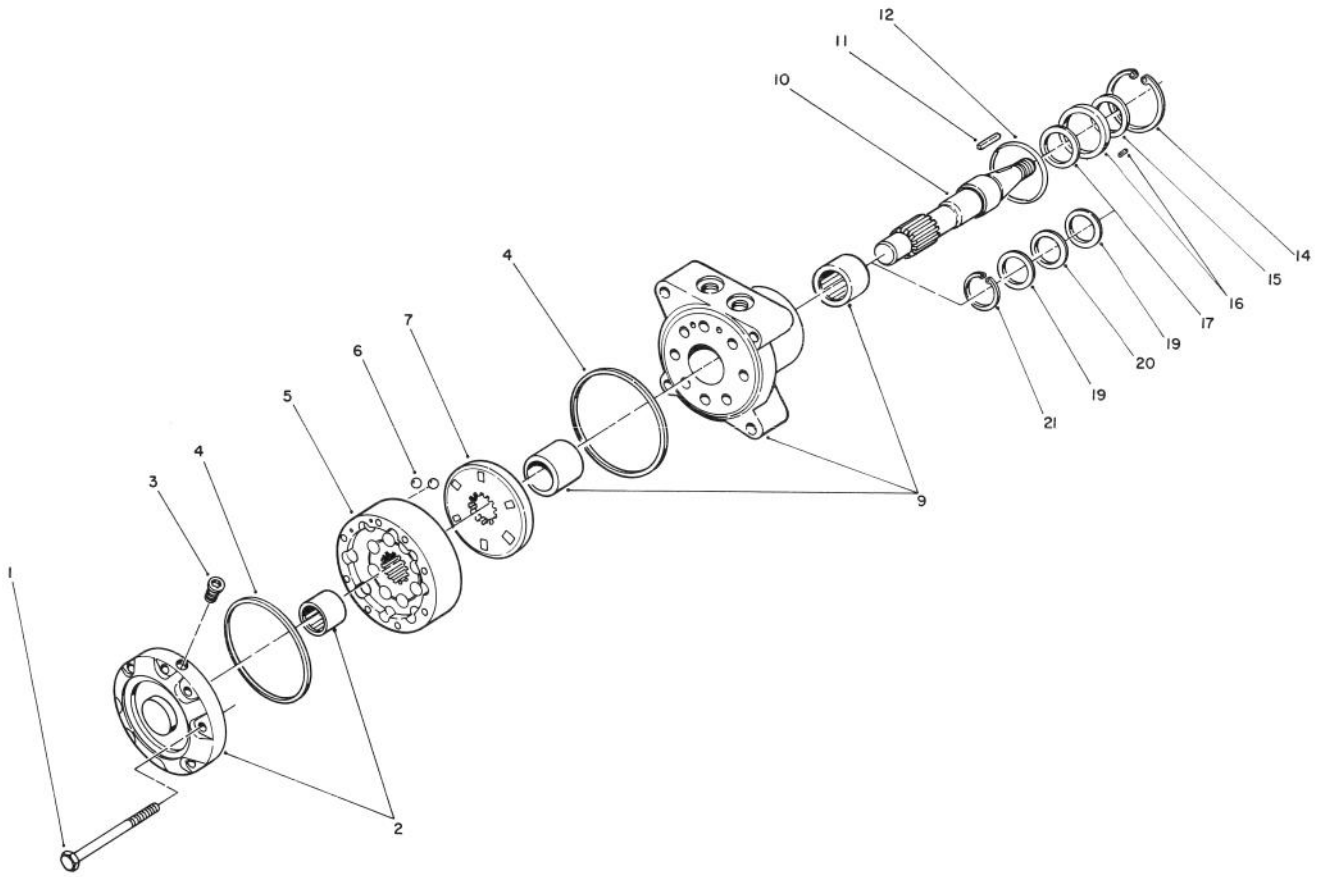


T-0889-90

R.H. FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	242-50	Nut — Lug	4
2	232-27	Stem — Valve	1
3	231-127	Tire	1
4	217-60	Rim — Wheel	1
5	10-6870	Hub — Wheel	1
6	10-6830	Stud — Drive	4
7	325-11	Screw — Cap Hex Hd.	2
8	62-5110	Bracket — Brake Spring	1
9	71-0870	Tee — Tube Assembly (Incl. Ref. #14)	2
10	237-30	O-Ring	2
11	237-80	O-Ring	2
12	340-89	Fitting — Elbow (Incl. Ref. #10 & 11)	2
13	71-0880	Tube Assembly	1
14	237-30	O-Ring	4
15	340-5	Fitting (Incl. Ref. #14 & 16)	1

Ref. No.	Part No.	Description	No. Used
16	237-42	O-Ring	2
17	71-2960	Valve — Flow Control	1
18	340-99	Fitting (Incl. Ref. #14 & 16)	1
19	71-0850	Tube Assembly	1
20	32128-14	Flange Locknut	1
21	69-9760	Cover — Plate	1
22	56-7976	Clamp — Tube	2
23	71-0910	Tube Assembly	1
24	3296-23	Locknut	4
25	321-28	Screw — Cap Hex Hd.	1
26	66-5291	Motor — Hydraulic (Incl. Ref. #28)	1
27	61-3890	Spacer — Brake	2
28	65-4640	Key — Square	1
29	325-22	Screw — Cap Hex Hd.	2
30	26-3790	Nut — Lock	1



T-0274-90

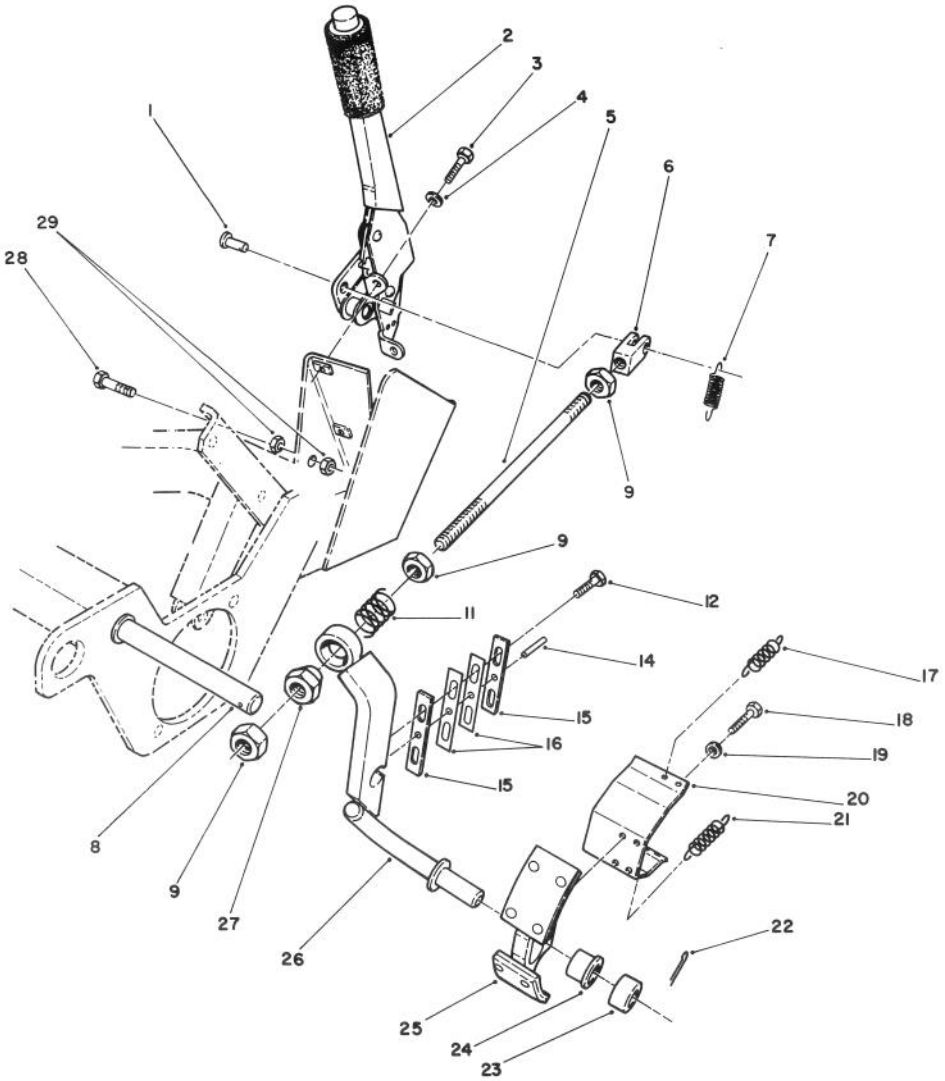
HYDRAULIC DRIVE MOTOR NO. 66-5291

Ref. No.	Part No.	Description	No. Used
1	65-4580	Screw — Cap Hex Hd.	8
2	65-4680	Cover & Bearing Assembly	1
3	65-4560	Plug — Hex (Hollow)	1
4	65-4570	Seal — Square Ring	2
5	66-6110	IGR Assembly	1
6	65-4550	Valve — Check Ball	2
7	70-8150	Plate — Valve	1
9	65-4670	Body & Bearing Assembly	1
10	65-4660	Shaft	1
11	65-4640	Key — Square	1
12	65-4620	Seal — O-Ring	1

Ref. No.	Part No.	Description	No. Used
14	65-4500	Seal — Snap Ring	1
†15		Seal — Dust	1
†16		Retainer/Pin	1
†17		Seal — Lip	1
*	76-2350	Seal/Retainer Assembly (Incl. Ref. #15-17)	1
19	65-4600	Washer — Thrust	2
20	65-4610	Bearing — Thrust	1
21	65-4590	Ring — Snap	1
*	76-2360	Body Seal Kit (Incl. Ref. #4, 12 & 15-17)	1

* Not Illustrated

† Not available from Toro as a replacement part.



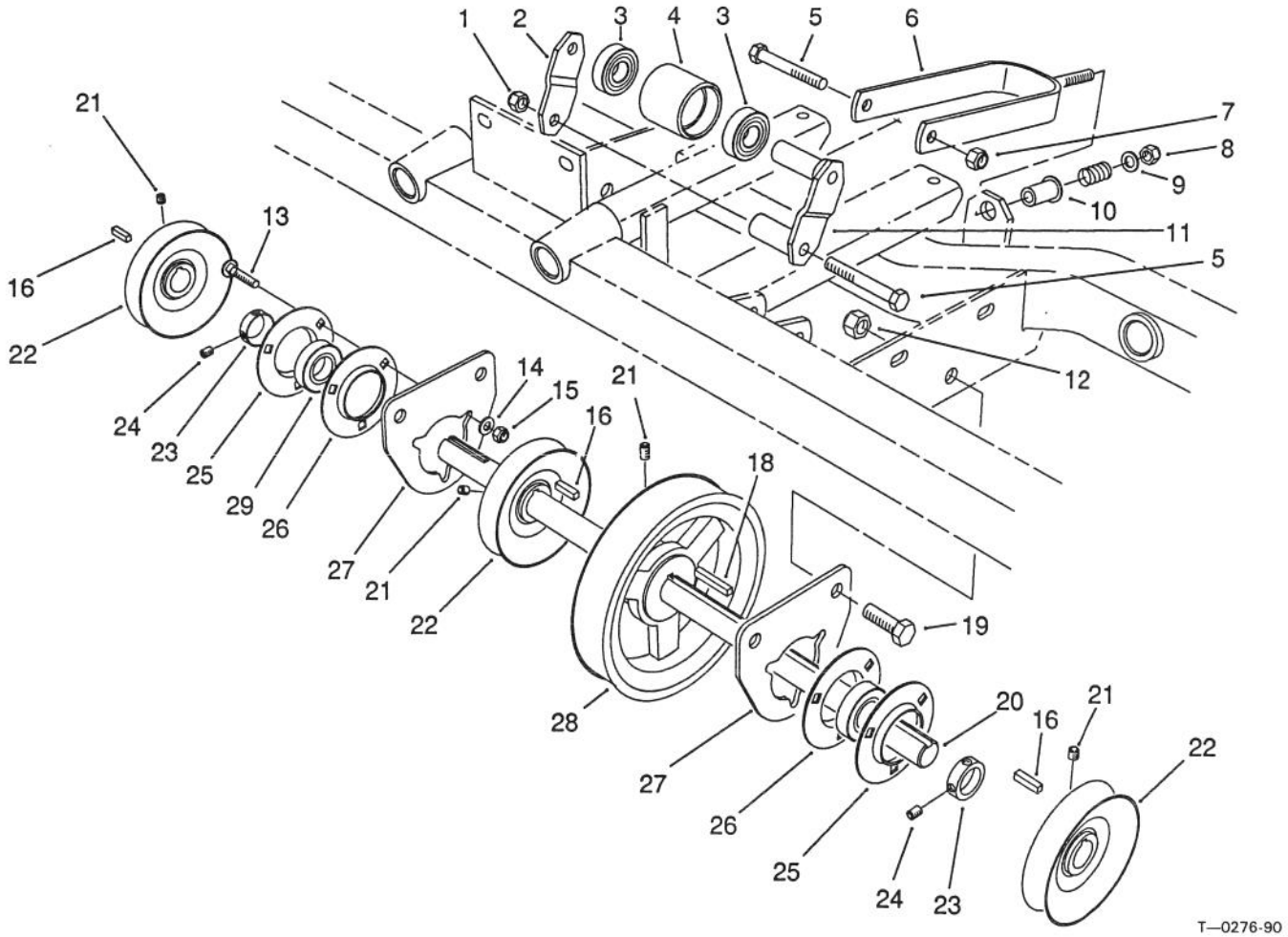
T-0275-90

BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	283-64	Pin — Clevis	1
2	61-3990	Brake Handle Assembly	1
3	322-4	Screw — Cap Hex. Hd.	2
4	3253-4	Washer — Lock	2
5	62-4910	Rod — Brake	1
6	62-4920	Clevis — Brake	1
7	5-7290	Spring — Extension	1
8	62-5060	Shaft — Brake	1
9	3220-5	Nut — Jam	3
11	62-5160	Spring — Compression	1
12	3234-4	Screw — Cap Hex. Hd.	2
14	32121-6	Pin — Roll	2
15	61-3980	Plate — Slide (Outer)	2
16	62-7130	Plate — Slide (Inner)	2

Ref. No.	Part No.	Description	No. Used
17	62-7110	Spring — Extension (Upper)	4
18	32144-1	Screw — Slot Hex.	4
19	3254-1	Washer — Lock	4
20	62-5100	Bracket — Return Spring	2
21	62-5170	Spring — Extension (Lower)	4
22	3272-17	Pin — Cotter	2
23	62-7160	Spacer	2
24	256-291	Bushing — Flange	2
25	62-4930	Shoe — Brake	2
26	61-3950	Arm — Brake (L.H.)	1
*	61-3910	Arm — Brake (R.H.)	1
27	242-50	Nut — Lug	1
28	322-17	Screw — Cap Hex. Hd.	1
29	32128-20	Nut — Lock	2

* Not Illustrated



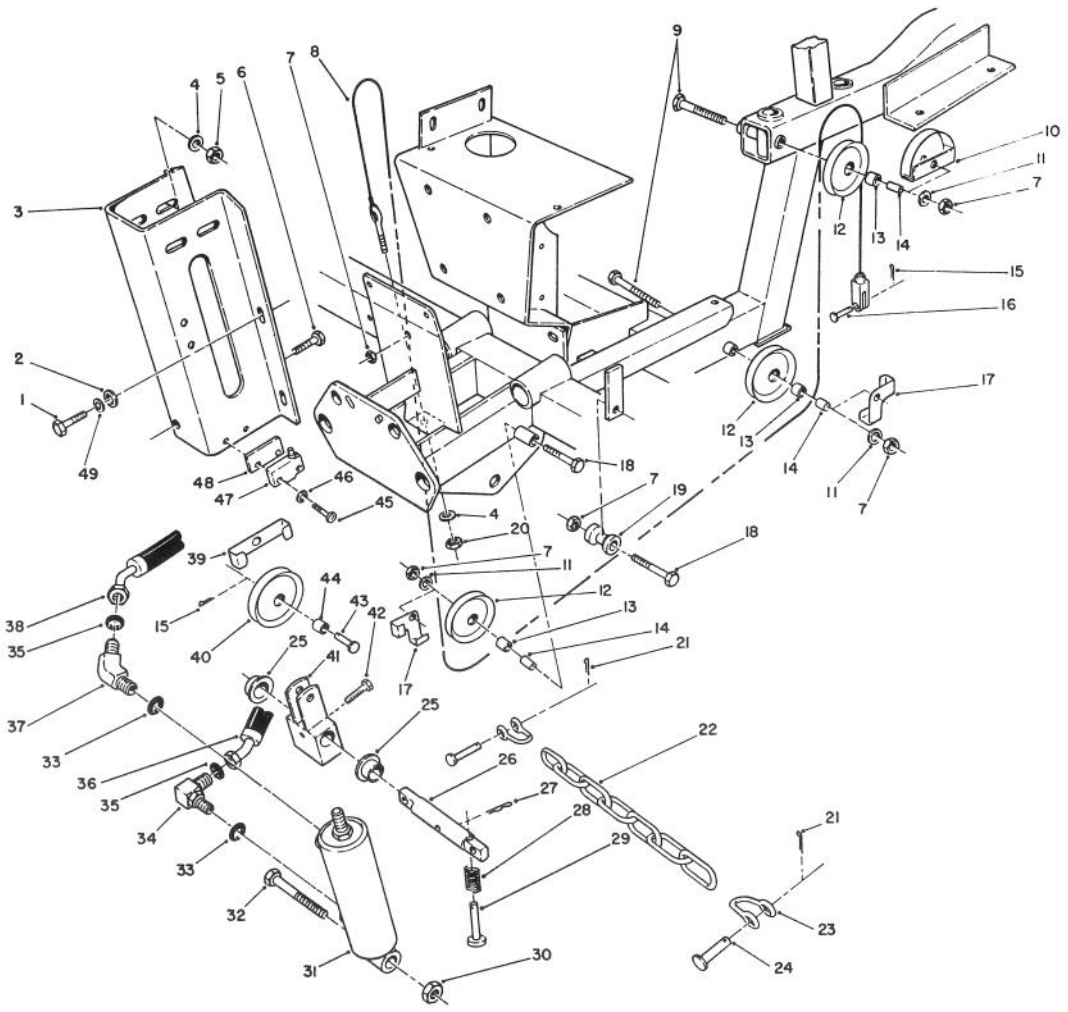
T—0276-90

JACKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-39	Nut - Lock	2
2	67-7911	Strap - Idler Bracket	1
3	38-7820	Bearing - Idler	2
4	67-7750	Pulley - Idler	1
5	323-15	Screw - Cap Hex. Hd.	2
6	67-7890	Belt Tensioner W.A.	1
7	3296-59	Nut - Lock	1
8	3256-24	Washer - Flat	1
9	20-6110	Spring - Compression	1
10	256-300	Bushing - Flange	1
11	67-7870	Idler Bracket W.A.	1
12	3296-23	Nut - Lock	4
13	3230-10	Bolt - Carriage	6
14	3256-23	Washer - Flat	6
15	3296-29	Nut - Lock	6
16	5-7280	Key - Square (Short)	3

Ref. No.	Part No.	Description	No. Used
18	67-7490	Key - Square (Long)	1
19	325-4	Screw - Cap Hex. Hd.	4
20	61-2340	Shaft - Drive	1
21	3242-4	Screw - Set	8
22	61-0140	Pulley - Jackshaft	3
23	251-77	Collar - Locking (Incl. Ref. #24)	2
24	3245-35	Screw - Set	4
25	251-319	Flange - Bearing (Lube)	2
*	302-11	Fitting - Grease	2
26	251-229	Flange - Bearing	2
27	61-2350	Mount - Bearing	2
28	61-0070	Pulley - Poly V	1
29	71-1360	Bearing	2
*	13-1279	Idler Pulley Assembly (Incl. Ref. #3, 4 & 11)	1

*Not Illustrated

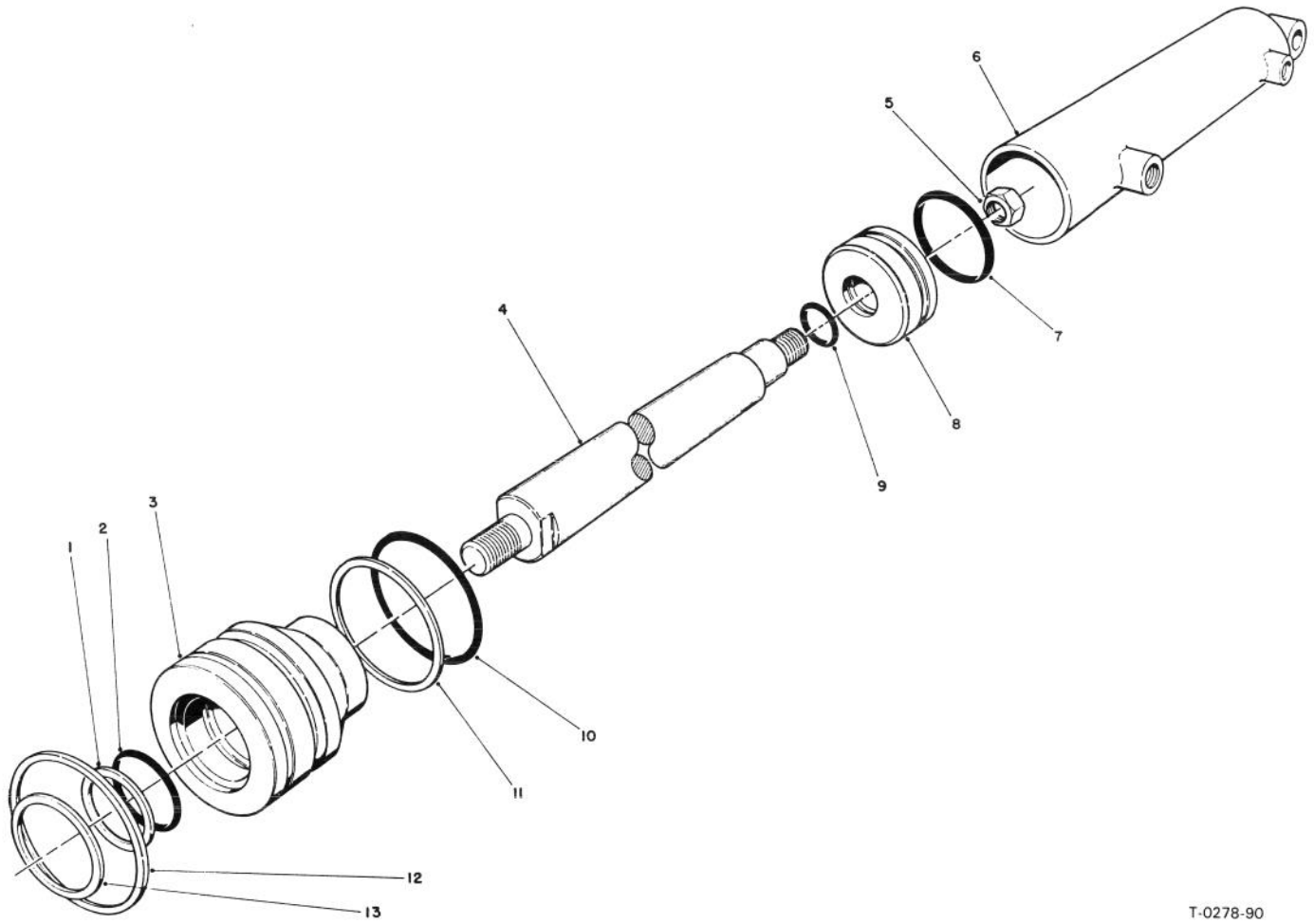


T-0277-90

CUTTING UNIT LIFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	11-0590	Screw — Thread Forming	4
2	3256-24	Washer — Flat	4
3	61-2420	Bracket — Cyl. Support	1
4	3256-23	Washer — Flat	5
5	3296-29	Nut — Lock	4
6	323-6	Screw — Cap Hex. Hd.	1
7	3296-39	Nut — Lock	5
8	61-3260	Cable — Lift	1
9	323-16	Screw — Cap Hex. Hd.	2
10	61-3240	Keeper — Cable	1
11	3256-4	Washer — Flat	3
12	61-3210	Pulley — Cable (Incl. Ref. #14)	3
13	256-1	Bushing	3
14	61-3230	Spacer — Pulley	3
15	3272-6	Pin — Cotter	2
16	283-1	Pin — Clevis	1
17	5-2656	Keeper — Cable	2
18	323-13	Screw — Cap Hex. Hd.	2
19	61-1940	Roller — Cable	1
20	3296-4	Nut — Lock	3
21	3272-11	Pin — Cotter	4
22	61-3830	Chain — Lift	2
23	282-4	Shackle — Chain	4
24	282-6	Pin — Clevis	4
25	256-289	Bushing — Flange	2

Ref. No.	Part No.	Description	No. Used
26	72-4190	Pin — Cylinder	1
27	3272-4	Pin — Cotter	1
28	71-1370	Spring	1
29	71-1380	Pin — Spring Actuator	1
30	17-0980	Nut — Lock	1
31	76-0020	Cylinder — Lift	1
32	3214-13	Screw — Cap Hex. Hd.	1
33	237-42	O-Ring	2
34	340-77	Fitting — Elbow (Incl. Ref. #33 & 35)	1
35	237-22	O-Ring	2
36	61-2490	Hydraulic Hose Assembly	1
37	340-87	Fitting — Elbow (Incl. Ref. #33 & 35)	1
38	61-2500	Hydraulic Hose Assembly	1
39	5-2655	Keeper — Cable	1
40	5-2653	Pulley — Cable (Incl. Ref. #44)	1
41	61-2430	Hub — Lift	1
42	3234-4	Screw — Hex. Washer Hd.	1
43	283-42	Pin — Clevis	1
44	256-2	Bushing	1
45	3250-35	Screw — Pan Hd. Mach.	2
46	3254-9	Washer — Lock	2
47	29-6162	Switch — Micro	1
48	61-2990	Spacer — Switch	1



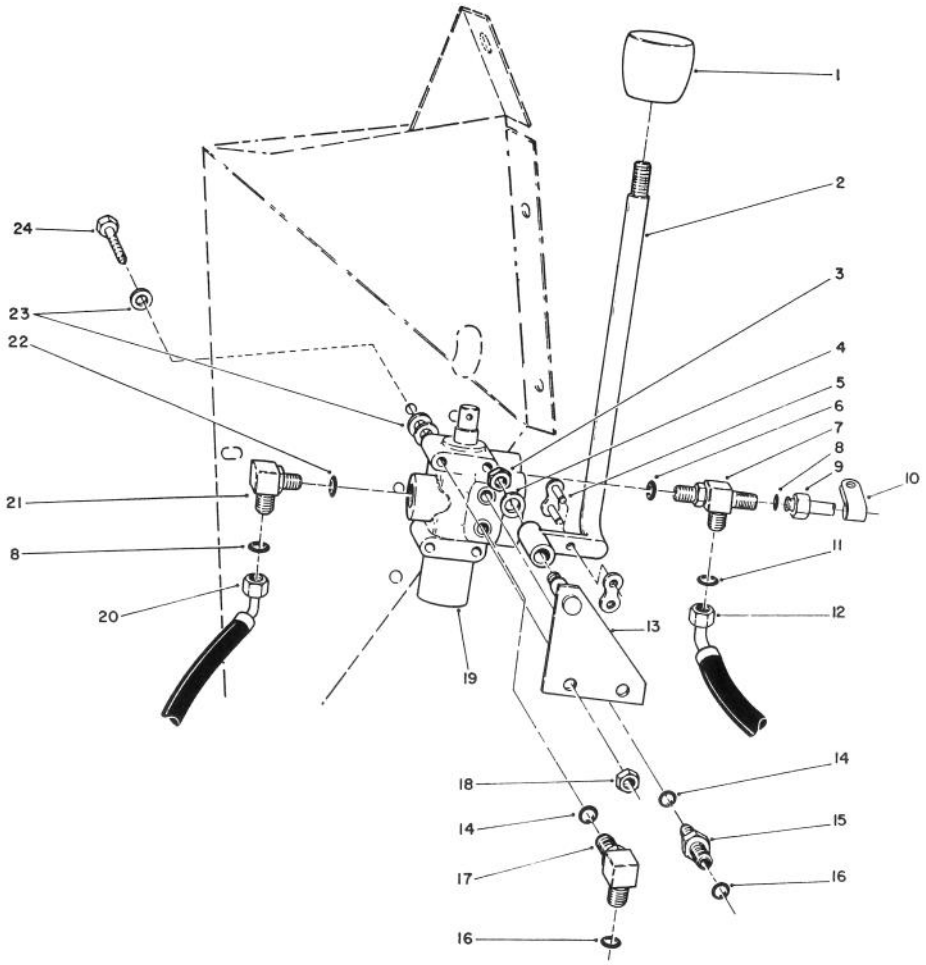
T-0278-90

HYDRAULIC CYLINDER NO. 76-0020

Ref. No.	Part No.	Description	No. Used
1		Washer — Backup	1
2		O-Ring	1
3	76-0090	Head	1
4	76-2320	Shaft	1
5	76-2330	Nut — Lock	1
6		Barrel	1
7		Uniring	1
8	76-0040	Piston	1

Ref. No.	Part No.	Description	No. Used
9		O-Ring	1
10		O-Ring	1
11		Washer — Backup	1
12	76-0050	Ring — Retaining	1
13		Seal — Dust	1
*	76-0030	Repair Kit (Incl. Ref. #1-2, 7, 9-11 & 13)	1

* Not Illustrated

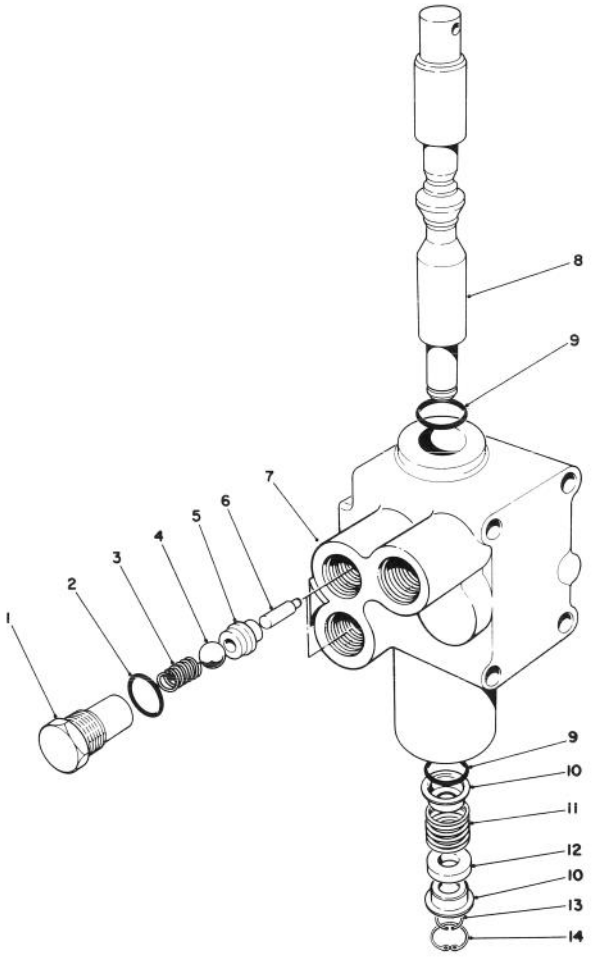


T-0890-90

CUTTING UNIT LIFT CONTROL VALVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-37	Knob	1
2	61-2750	Lever — Valve	1
3	3296-39	Nut — Lock	1
4	3256-24	Washer	1
5	2710-16	Link — Chain	1
6	237-42	O-Ring	1
7	71-0770	Fitting (Incl. Ref. #6, 8 & 11)	1
8	237-22	O-Ring	2
9	71-0860	Tube Assembly	1
10	2412-113	Clamp — R	1
11	237-30	O-Ring	1
12	61-2520	Hydraulic Hose Assy. (Up)	1
13	61-2720	Bracket — Lever	1
14	237-78	O-Ring	2

Ref. No.	Part No.	Description	No. Used
15	340-88	Fitting — Straight (Incl. Ref. #14 & 16)	1
16	237-21	O-Ring	2
17	340-97	Fitting — 90° Elbow (Incl. Ref. #14 & 16)	1
18	3296-16	Nut — Lock	3
19	43-1950	Valve — Hydraulic	1
20	61-2510	Hydraulic Hose Assy. (Low)	1
21	340-99	Fitting — 90° Elbow (Incl. Ref. #8 & 22)	1
22	237-79	O-Ring	1
23	3256-22	Washer — Flat	9
24	321-23	Screw — Cap Hex.Hd.	3

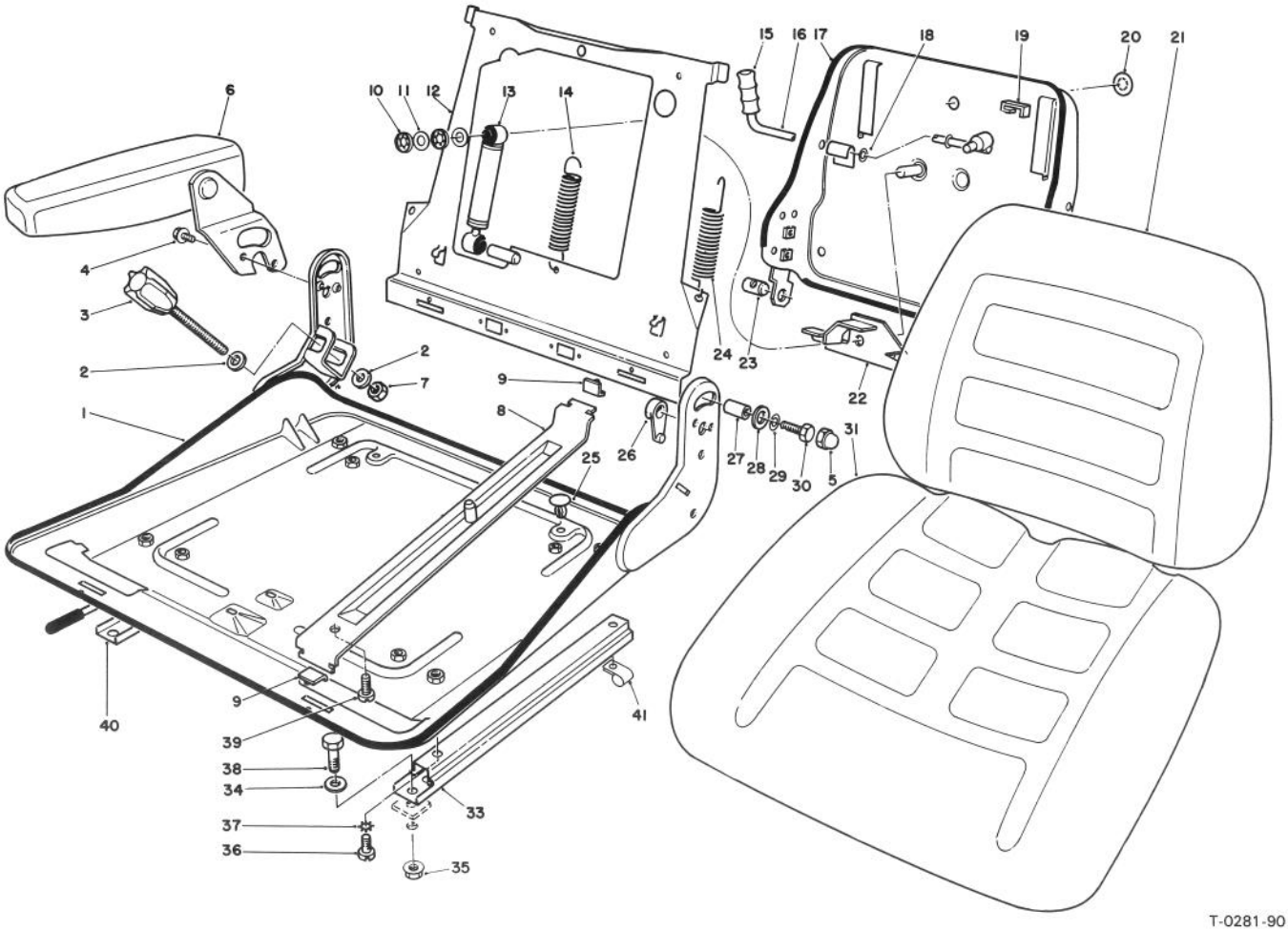


T—0280-90

CONTROL VALVE NO. 43–1950

Ref. No.	Part No.	Description	No. Used
1	22–8330	Plug	2
2	237–42	O–Ring	2
3	22–8340	Spring	2
4	22–8350	Ball	2
5	22–8370	Seat – Check Valve	2
6	22–8360	Pin – Cam	2
7		Body	1

Ref. No.	Part No.	Description	No. Used
8	22–8420	Spool	1
9	22–8500	O–Ring	2
10	22–8380	Retainer – Spring	2
11	22–8410	Spring	1
12	23–3030	Spacer	1
13	22–8480	Snap–Ring – Spool	1
14	22–8490	Snap–Ring	1

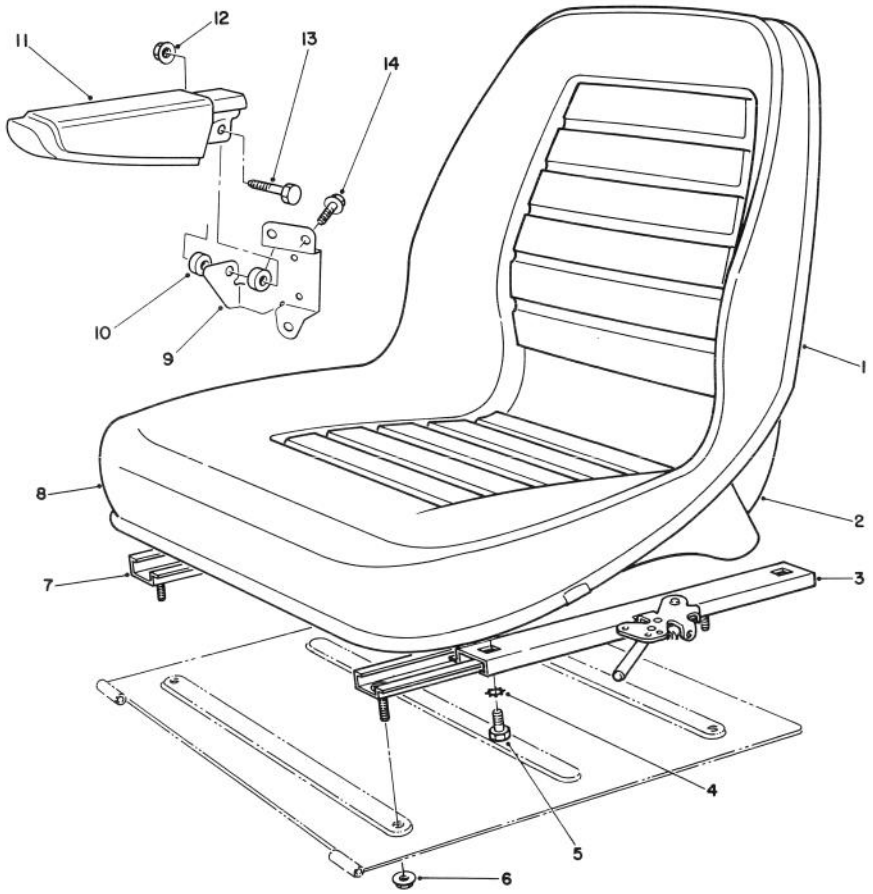


SEAT ASSEMBLY MODEL NO. 30797 (Optional)

Ref. No.	Part No.	Description	No. Used
1	56-3810	Platform — Seat	1
2	56-3880	Washer — Flat	2
3	56-3870	Knob — Adjustment	1
4	56-3850	Screw — Hex. Hd. Machine	2
5	56-3960	Cover — Screw	4
6	55-4331	Arm Rest Assembly R.H.	1
*	55-4330	Arm Rest Assembly L.H.	1
7	56-3890	Nut — Hex.	1
8	56-3970	Carrier — Seat	2
9	56-3980	Clip — Rail	4
10	56-4080	Clamp — Axle	2
11	56-4090	Washer — Flat	2
12	56-4040	Plate — Back	1
13	62-7670	Shock Absorber — Seat	1
14	56-4050	Spring — Extension	1
15		Grip — Cover	1
16	56-4150	Lever — Handle (Incl. Ref. #15)	1
17	56-3820	Cover — Seat Back	1
18	56-4160	Washer — Flat	2
19	56-4130	Bumper	2
20	56-4120	Cover	1
21	56-3800	Cushion — Seat Back	1

Ref. No.	Part No.	Description	No. Used
22	56-4100	Bracket — Lever	1
23	56-4170	Pin — Clevis	1
24	56-4060	Spring — Extension	1
25	56-4190	Cap — Seat	2
26	56-3900	Spacer — Arm L.H.	1
*	56-3910	Spacer — Arm R.H.	1
27	56-3920	Bushing — Sleeve	4
28	56-3930	Washer — Flat	4
29	56-3940	Washer — Lock	4
30	56-3950	Screw — Cap Hex. Hd.	4
31	76-2240	Cushion — Seat Bottom	1
32	55-8380	Seat Wire Assembly	1
33	56-4000	Bottom Rail Assembly L.H.	1
34	3256-23	Washer — Flat	4
35	32128-25	Nut — Flange Lock	4
36	56-4020	Screw — Machine	4
37	56-4030	Washer — Lock	4
38	322-3	Screw — Cap Hex. Hd.	4
39	56-3990	Screw — Machine	2
40	56-4010	Bottom Rail Assembly R.H.	1
41	2412-67	Clamp — R	1
*	76-2230	Seat Assembly (Incl. Ref. #1-3, 5, 7-31, 33, 36-37 & 39-40)	1

* Not Illustrated



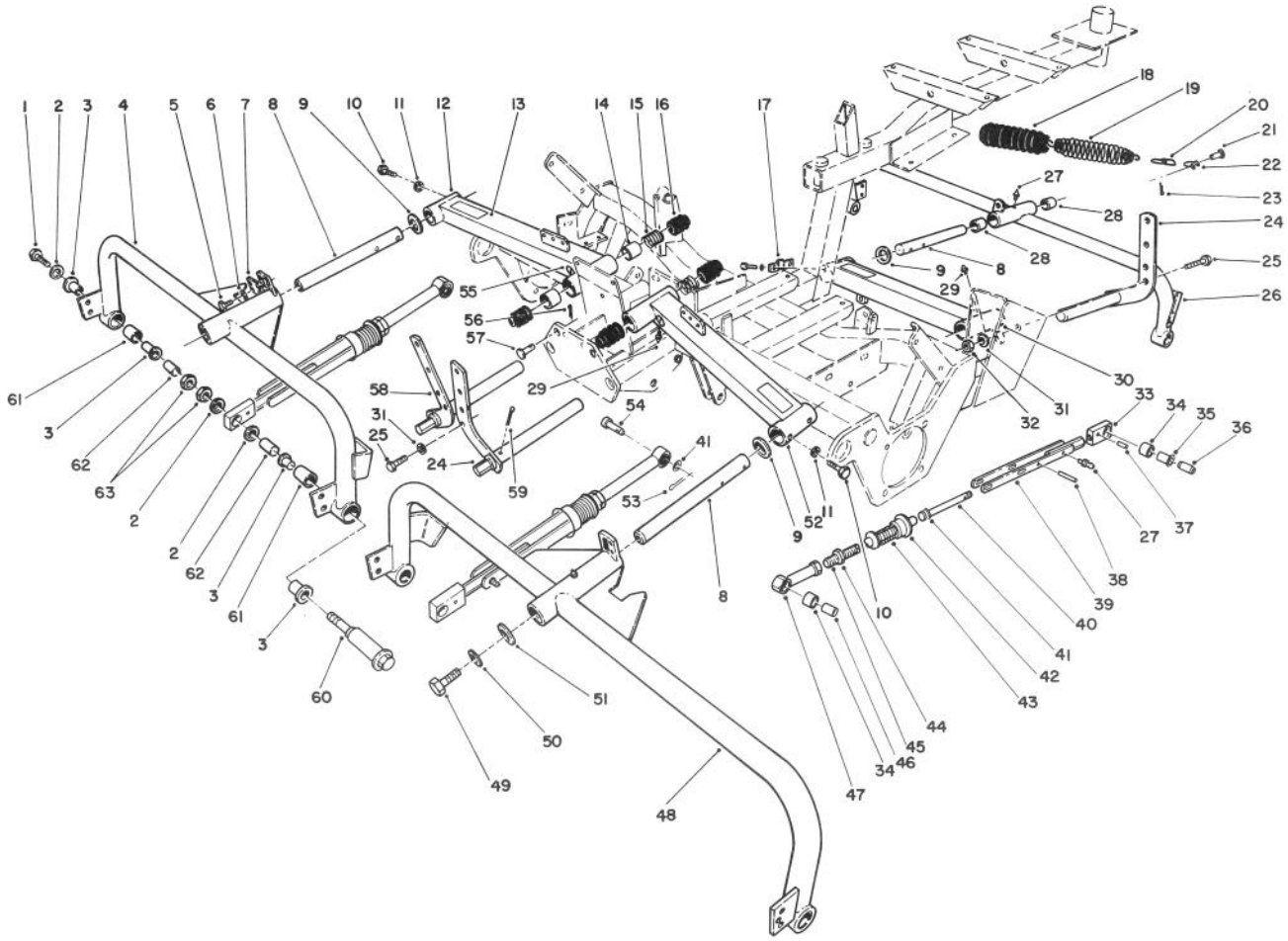
T-1070-90

SEAT ASSEMBLY MODEL NO. 30796 (Optional)

Ref. No.	Part No.	Description	No. Used
1		Trim	1
2		Shell	1
3	76-0520	Adjuster — L.H.	1
4	3255-8	Washer — Ext. Tooth Lock	4
5	322-2	Capscrew — Hex. Hd.	4
6	32128-25	Nut — Hex. Flange	4
7	76-0510	Adjuster — R.H.	1
8		Cushion	1

Ref. No.	Part No.	Description	No. Used
*	66-5400	Seat Assembly (Incl. Ref. #1, 2 & 8)	1
9†	69-0770	Bracket — Arm R.H.	1
*	69-0760	Bracket — Arm L.H.	1
10†	69-1260	Spacer	4
11†	69-1180	Armrest	2
12†	32128-19	Nut — Flange	2
13†	323-9	Screw — Cap Hex. Hd.	2
14†	3234-23	Screw — Hex. Flange	6

* Not Illustrated
† Optional Item



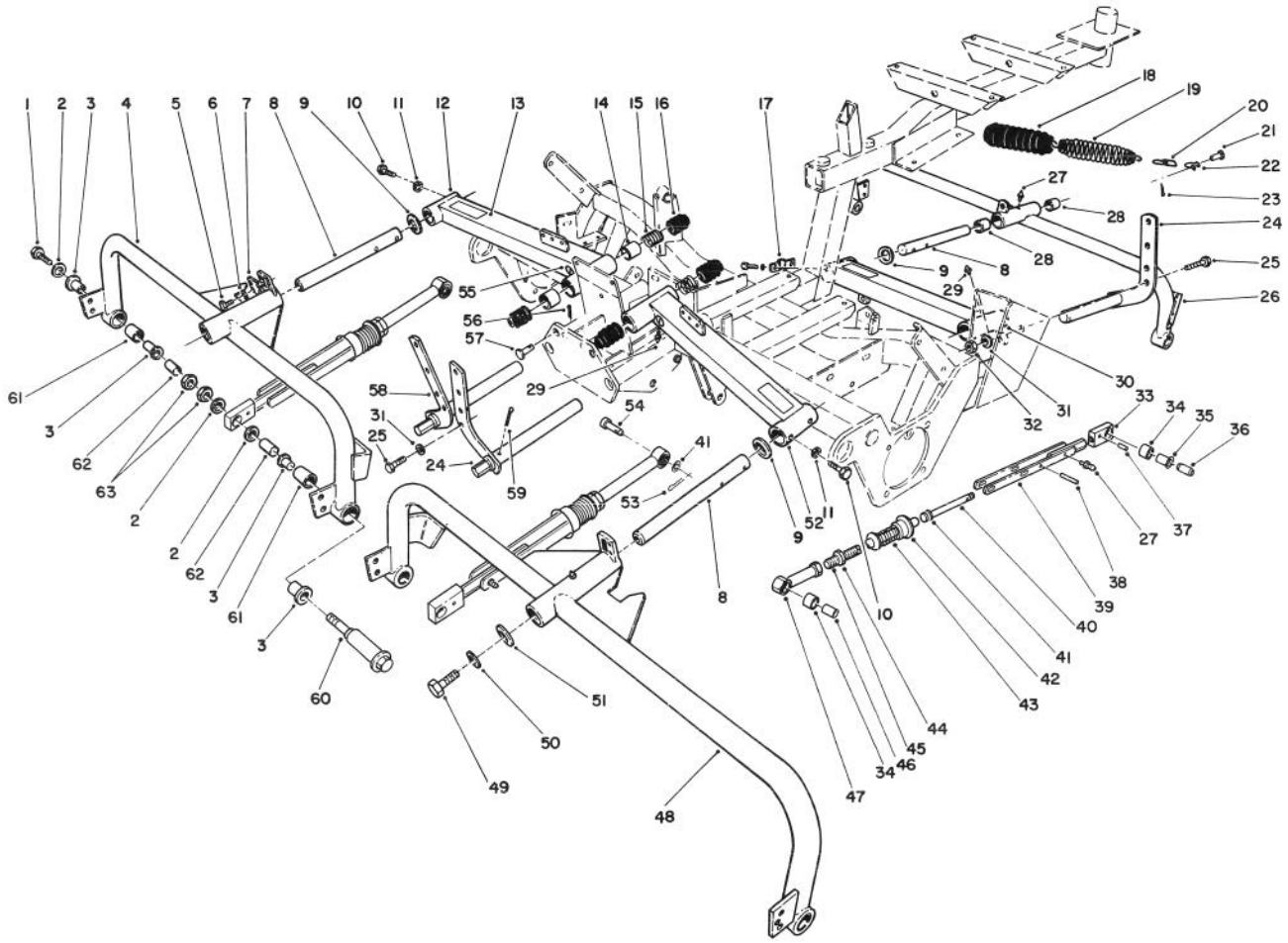
T-0282-90

CUTTING UNIT CARRIER FRAME ASSEMBLY (FLOATING CUTTING UNIT SUSPENSION)

Ref. No.	Part No.	Description	No. Used
†1	325-10	Screw — Cap Hex. Hd.	2
2	3256-26	Washer — Flat	8
†3	256-285	Bushing — Flange	12
†4	61-0860	Carrier Frame R.H. (Incl. Ref. #14, 27 & 61)	1
5	321-2	Screw — Cap Hex. Hd.	6
6	3253-3	Washer — Lock	6
7	61-3600	Tab — Lift	3
8	61-3000	Rod — Pivot	3
9	256-115	Washer — Thrust	3
10	322-4	Screw — Cap Hex. Hd.	6
11	3253-4	Washer — Lock	6
12	61-2830	Lift Arm — R.H. (Incl. Ref. #27 & 29)	1
13	61-3610	Decal — Warning	3
14	3-0348	Bushing	4
15	61-3270	Spring — Compression	2
16	62-7250	Boot	6
17	61-3820	Retainer — Cable	1
18	62-7240	Sleeve — Spring	1
19	5-0743	Spring — Extension	3
20	62-7300	Chain — Adjustment	1
21	283-6	Pin — Clevis	3

Ref. No.	Part No.	Description	No. Used
22	282-4	Shackle — Spring	3
23	3272-11	Pin — Cotter	3
24	61-2930	Pivot Shaft L.H.	2
25	323-7	Screw — Cap Hex. Hd.	3
†26	61-0870	Carrier Frame — Rear (Incl. Ref. #14, 27 & 61)	1
†27	302-5	Fitting — Grease (Use 4 on 5 blade cutting units)	7
28	3-0348	Bushing	8
29	302-60	Fitting — Grease	3
30	61-2890	Lift Arm — Rear (Incl. Ref. #27 & 29)	1
31	3256-4	Washer — Flat	5
32	3296-39	Nut — Lock	6
33	76-0350	Housing — Bushing	4
34	56-9510	Bushing	8
35	56-9520	Bushing — Flanged	4
36	76-0390	Spacer	4
37	32121-23	Pin — Roll	4
38	32121-9	Pin — Roll	4
39	76-0260	Yoke	4
40	283-55	Pin — Clevis	4
41	3256-54	Washer — Flat	8

† For 8 & 11 blade cutting units only.



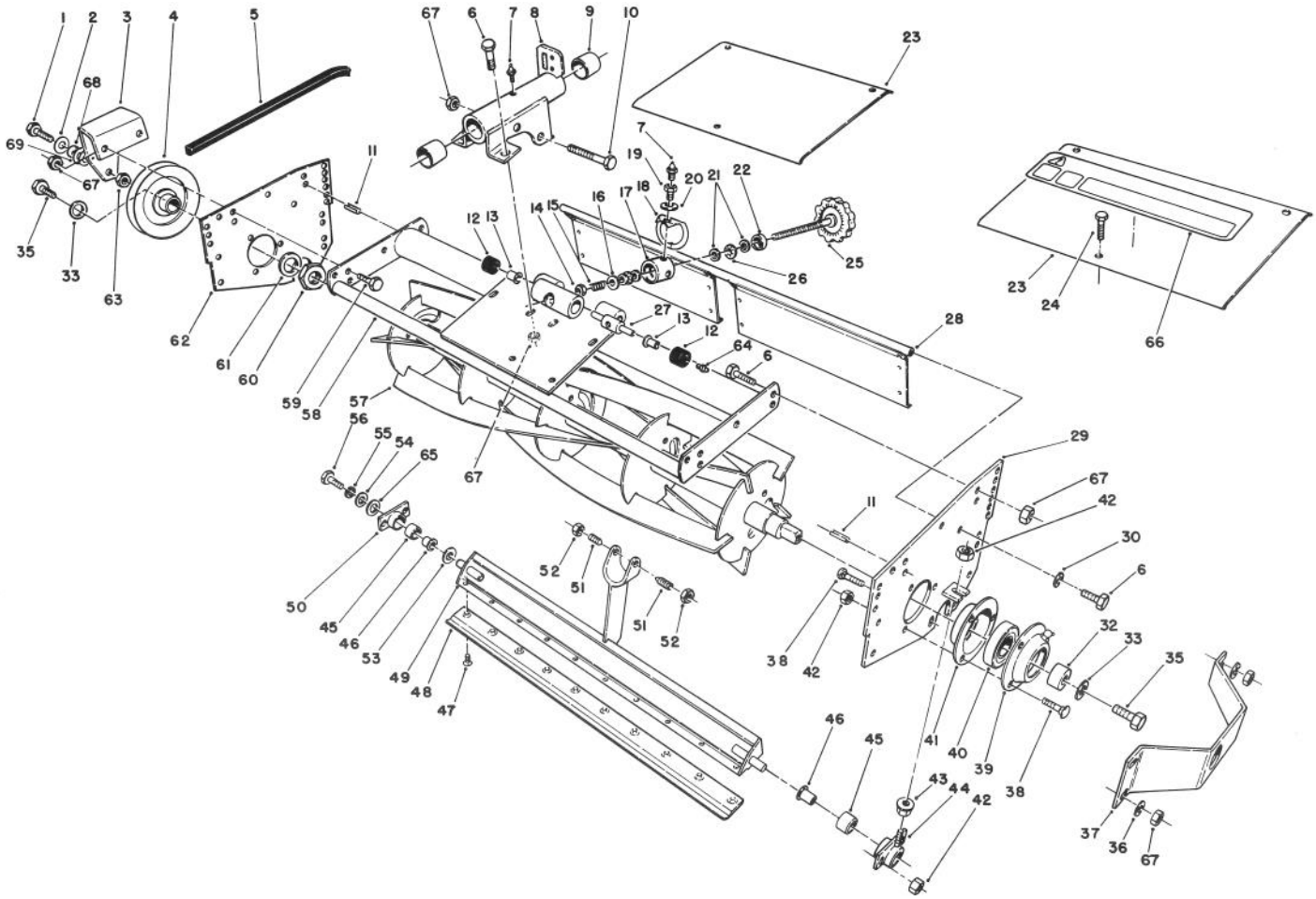
T-0282-90

CUTTING UNIT CARRIER FRAME ASSEMBLY (Continued) (FLOATING CUTTING UNIT ASSEMBLY)

Ref. No.	Part No.	Description	No. Used
42	76-0360	Cup — Retainer	4
43	76-0410	Spring — Compression	4
44	3218-6	Nut — Hex Jam	4
45	76-0330	Rod	4
46	256-173	Bushing	4
47	76-0300	Housing — Bushing	4
†48	61-0880	Carrier Frame L.H. (Incl. Ref. #14, 27 &61)	1
49	325-4	Screw — Cap Hex. Hd.	3
50	3253-7	Washer — Lock	3
51	3256-6	Washer — Flat	3
52	61-2880	Lift — Arm — L.H. (Incl. Ref. #27 & 29)	1

Ref. No.	Part No.	Description	No. Used
53	3272-13	Pin — Cotter	4
54	283-40	Pin — Clevis	4
55	58-6520	Decal — Grease Fitting	3
56	3290-322	Hairpin — Cotter	3
57	283-8	Pin — Clevis	3
58	61-2900	Pivot Shaft R.H.	1
59	3272-17	Pin — Cotter	3
†60	76-0370	Bolt	4
†61	61-0710	Bushing Assembly	6
†62	61-1370	Spacer	6
63	3296-59	Nut — Lock	8

† For 8 & 11 blade cutting units only.



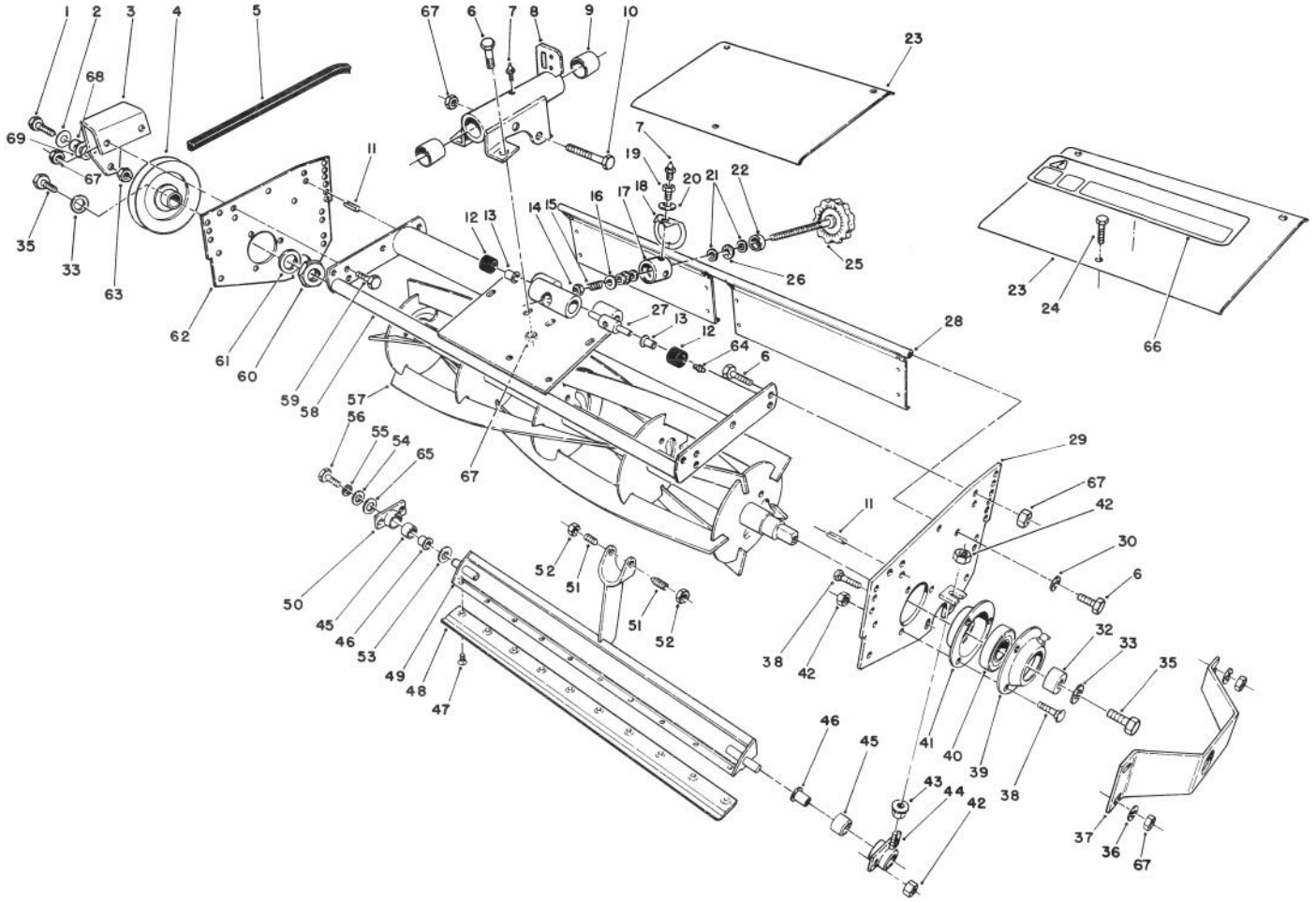
T-0283-90

5 BLADE CUTTING UNIT REEL ASSEMBLY (FIXED SUSPENSION)

Ref. No.	Part No.	Description	No. Used
1	323-9	Screw — Cap Hex. Hd. (Use 2 capscrews on rear cutting unit)	1
2	3256-24	Washer — Flat (Use 2 washers on rear cutting unit)	1
3	61-0900	Bracket — Tensioner (Use 2 brackets on rear cutting unit)	1
4	61-0160	Pulley — Reel, 5 Blade	1
5	61-3380	V-Belt	1
6	323-6	Screw — Cap Hex. Hd.	8
7	302-5	Fitting — Grease	2
8	61-1050	Front Support — L.H. (Incl. Ref. #7 & 9)	1
*	61-3660	Front Support — R.H. (Incl. Ref. #7 & 9)	1
*	61-0670	Rear Support (Incl. Ref. #7 & 9)	1
9	3-0348	Bushing	2
10	323-12	Screw — Cap Hex. Hd.	1
11	32121-36	Pin — Roll	4
12	62-5510	Rubber Bushing Assembly	2
13	52-2890	Bushing — Flanged Nylon	2
14	3296-62	Nut — Lock	1
15	57-5270	Spring — Compression	1

Ref. No.	Part No.	Description	No. Used
16	29-8870	Washer — Flat	1
17	52-2980	Pivot — Single Point Adjust	1
18	52-3000	Arm — Spring	1
19	52-2990	Capscrew — Spring Retainer	1
20	3256-25	Washer — Flat	1
21	257-5	Washer — Thrust	4
22	253-84	Seal	1
23	61-0550	Shield — Top	2
24	32144-10	Screw — Cap Hex. Hd.	6
25	61-1070	Handle — Assembly	1
26	257-6	Bearing — Thrust	2
27	57-5260	Pin — S.P.A.	1
28	61-1130	Rear Grass Guard	1
29	61-0940	Sideplate — Adjust	1
30	3253-5	Washer — Lock	2
32	61-0500	Spacer — Bearing	1
33	67-9760	Washer — Flat	2
35	3211-4	Screw — Cap Hex. Hd.	2
36	3256-3	Washer — Flat	5
37	61-0610	Guard — Side (Used on front cutting units only)	1
38	3230-20	Bolt — Carriage	10
39	251-319	Flange — Bearing (Lube)	2
*	302-11	Fitting — Grease	2

NOTE: Front left cutting unit shown.
* Not Illustrated



T-0283-90

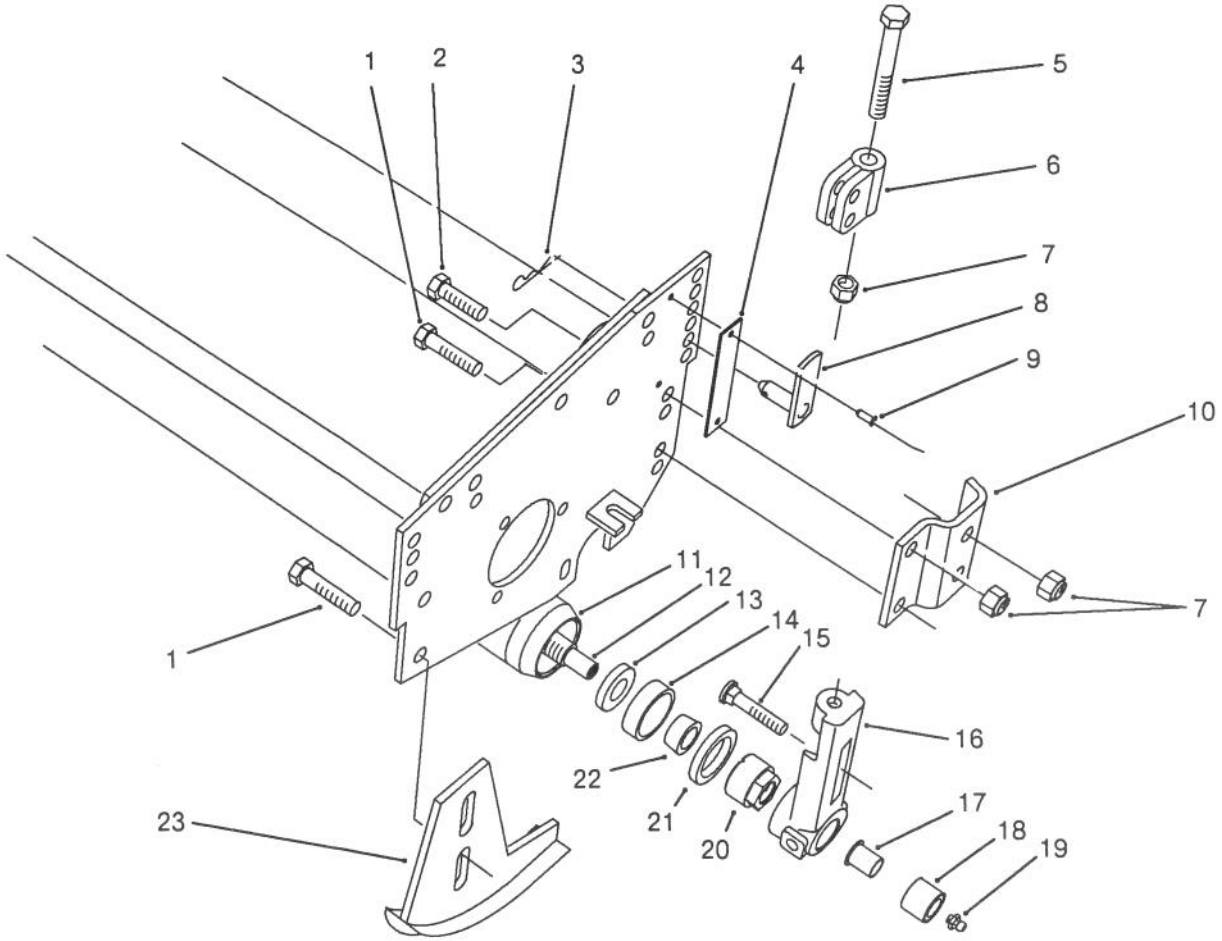
5 BLADE CUTTING UNIT REEL ASSEMBLY (Continued) (FIXED SUSPENSION)

Ref. No.	Part No.	Description	No. Used
40	251-331	Bearing	2
41	251-229	Flange — Bearing	2
42	3296-29	Nut — Lock	11
43	3217-6	Nut	1
44	61-0970	Housing — Bedbar Adj.	1
45	56-9510	Bushing Assembly	2
46	56-9520	Bushing — Flanged	2
47	57-4910	Screw — Special	10
48	62-5180	Bedknife — 7 In. Reel	1
49	61-1210	Bedbar	1
50	61-1010	Bedbar Housing	1
51	57-5190	Screw — Adjustment	2
52	3218-18	Nut — Jam	2
53	61-1950	Washer — Bedbar	1
54	3256-56	Washer — Flat	1
55	3253-4	Washer — Lock	1
56	322-3	Screw — Cap Hex. Hd.	1
57	12-7079	Reel Assy. — 5 Blade (Left C.U.)	1

Ref. No.	Part No.	Description	No. Used
*	12-7059	Reel Assy. — 5 Blade (Right & Rear C.U.)	1
58	61-0660	Reel Frame	1
59	323-7	Screw — Cap Hex. Hd. (Use 4 screws on rear cutting unit)	2
60	67-5840	Nut — Jam	1
61	27-1850	Washer	1
62	61-1320	Sideplate — Reel	1
63	3296-59	Nut — Lock (Use 2 nuts on rear cutting unit)	1
64	302-18	Fitting — Grease	1
65	62-7120	Spacer	1
66	62-5070	Decal — Warning	1
67	3296-39	Nut — Lock (Use 14 nuts on rear cutting unt)	12
68	76-2290	Spacer (Use 2 spacers on rear cutting unit)	1
69	3256-45	Washer — Flat (Use 4 washers on rear cutting unit)	2

NOTE: Front left cutting unit shown.

* Not Illustrated



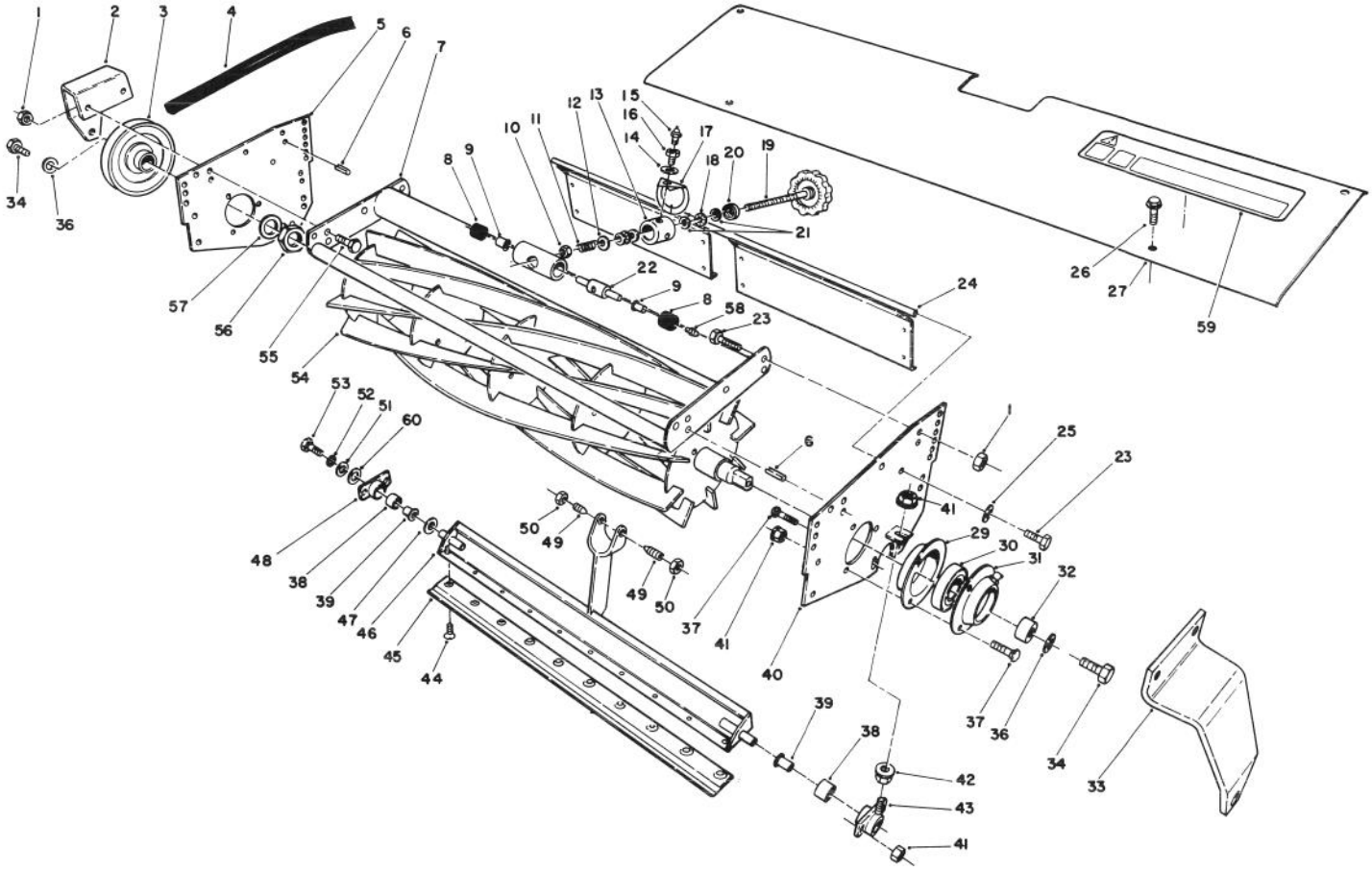
T-0284-90

5 BLADE CUTTING UNIT ROLLER ASSEMBLY
(FIXED SUSPENSION)

Ref. No.	Part No.	Description	No. Used
1	323-7	Screw — Cap Hex. Hd.	3
2	323-6	Screw — Cap Hex. Hd.	5
3	3290-467	Cotter — Hairpin	2
4	61-3810	Plate — HOC	2
5	61-0790	Screw — Cap Hex. Hd.	2
6	61-0420	Support — HOC	2
7	3296-39	Nut — Lock	9
8	71-3690	Pin — HOC	2
9	3290-55	Rivet — Pop	4
10	61-0910	Bracket — Angle	2
11	61-0380	Cap — Roller	2
12	61-0400	Shaft — Roller	1
13	253-152	Seal — Inner	2

Ref. No.	Part No.	Description	No. Used
14	254-79	Cup — Bearing	2
15	3231-2	Bolt — Carriage	2
16	61-0430	Bracket — Rear	2
17	56-9520	Bushing — Flanged	1
18	56-9510	Bushing Assembly	2
19	302-5	Fitting — Grease	2
20	71-3590	Nut — Adjustment	2
21	253-153	Seal — Outer	2
22	254-78	Cone — Bearing	2
23	03446	Skid Kit (Incl. Ref. #1)	2
*	61-0410	Roller Assembly (Incl. Ref. #11-14, 19-22)	1

NOTE: Front left cutting unit shown.
* Not Illustrated



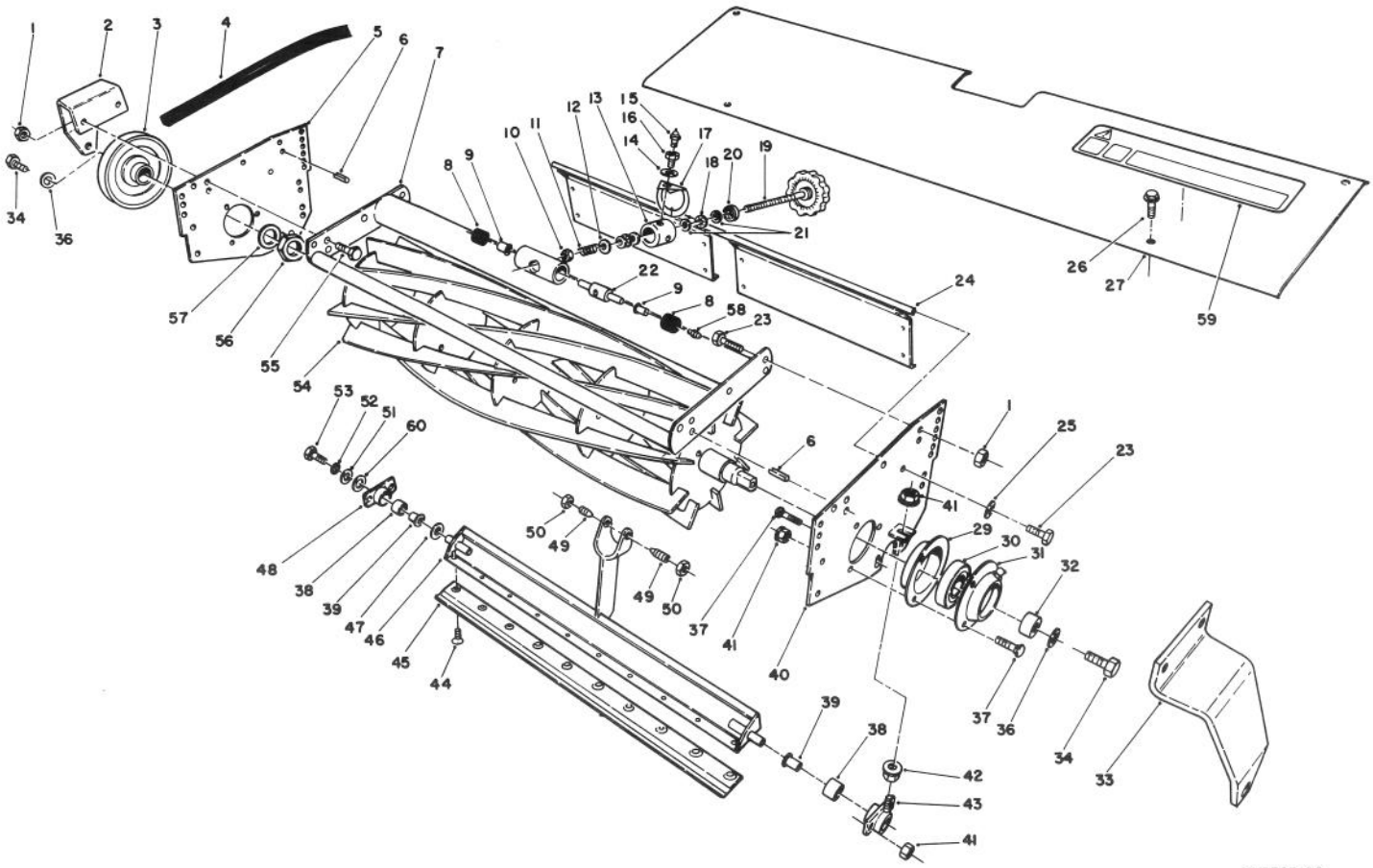
T-0285-90

8 & 11 BLADE CUTTING UNIT REEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-39	Nut - Lock	8
2	61-0900	Bracket - Tensioner/Carrier (Use 2 Brackets on Rear Cutting Unit)	1
3	61-0150	Pulley - Reel	1
4	61-3380	V-Belt - Reel	1
5	61-1320	Sideplate	1
6	32121-36	Pin - Roll	4
7	61-0930	Frame - Reel	1
8	62-5510	Rubber Bushing Assembly	2
9	52-2890	Bushing - Flanged (Nylon)	2
10	3296-62	Nut - Lock	1
11	57-5270	Spring - Compression	1
12	29-8870	Washer	1
13	52-2980	Pivot - Single Point Adjust	1
14	3256-25	Washer - Flat	1
15	302-5	Fitting - Grease	1
16	52-2990	Capscrew - Spring Retainer	1
17	52-3000	Arm - Spring	1
18	257-6	Bearing - Thrust	2
19	61-1070	Handle - Assy.	1
20	253-84	Seal	1
21	257-5	Washer - Thrust	4

Ref. No.	Part No.	Description	No. Used
22	57-5260	Pin - S.P.A.	1
23	323-6	Screw - Cap Hex. Hd.	6
24	61-1130	Rear Grass Guard	1
25	3253-5	Washer - Lock	2
26	32144-10	Screw - Hex. Washer Hd.	4
27	61-0560	Shield - Top	1
29	251-229	Flange - Bearing	2
30	251-331	Bearing	2
31	251-319	Flange - Bearing (Lube)	2
*	302-11	Fitting - Grease	2
32	61-0500	Spacer - Reel	1
33	61-0890	Bracket - Carrier	1
34	3211-4	Screw - Cap Hex. Hd.	2
36	67-9760	Washer	2
37	3230-20	Bolt - Carriage	10
38	56-9510	Bushing Assy.	2
39	56-9520	Bushing - Flanged	2
40	61-0940	Sideplate - Adjust	1
41	3296-29	Nut - Lock	11
42	3217-6	Nut	1
43	61-0970	Housing - Bedbar Adj.	1
44	57-4910	Screw - Special	10

NOTE: Front left cutting unit shown.
*Not Illustrated

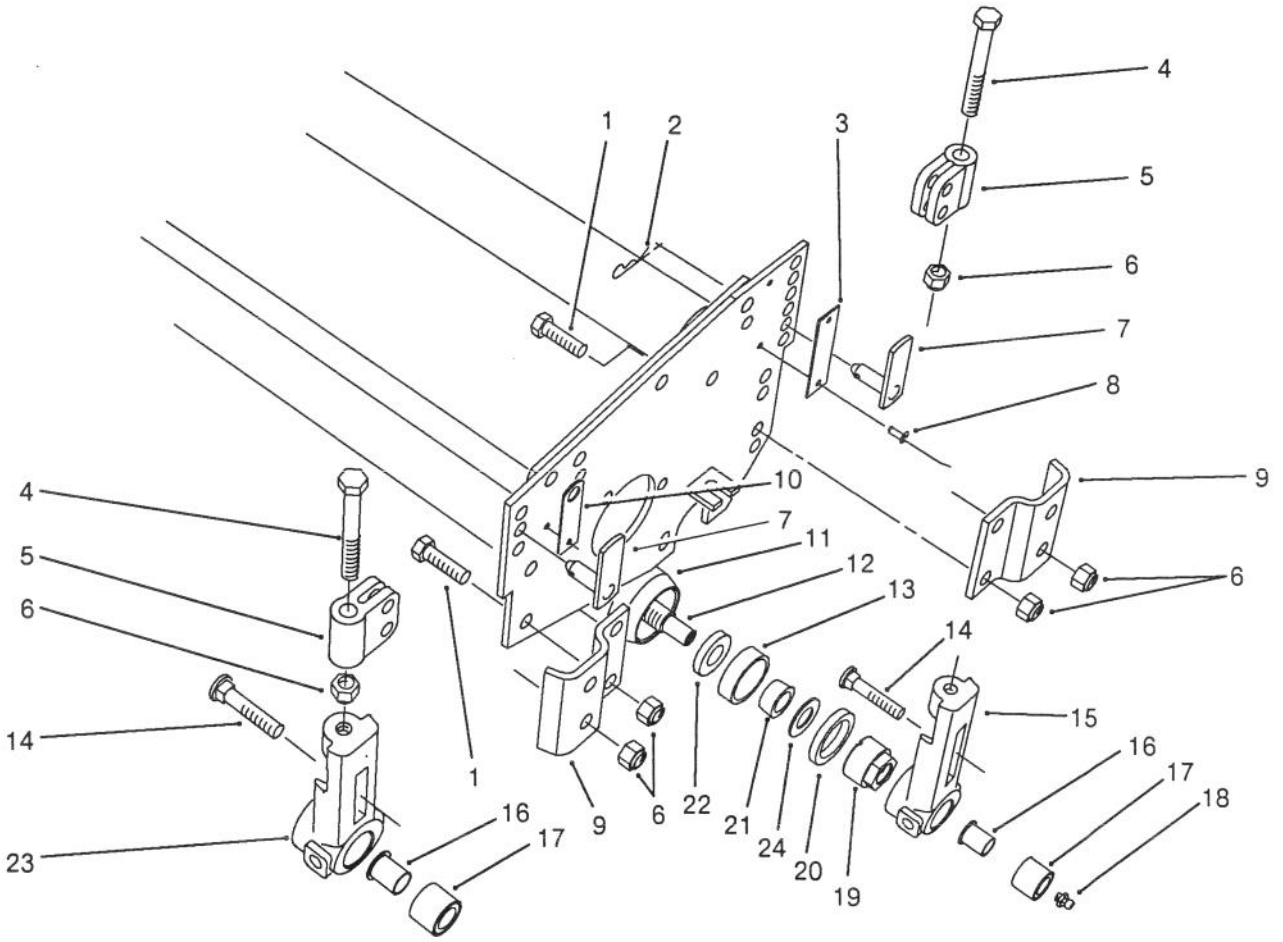


8 & 11 BLADE CUTTING UNIT REEL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	62-5180	Bedknife - 7 In. Reel	1
46	61-1210	Bedbar	1
47	61-1950	Washer - Bedbar	1
48	61-1010	Bedbar Housing	1
49	57-5190	Screw - Adjustment	2
50	3218-18	Nut - Jam	2
51	3256-56	Washer - Flat	1
52	3253-4	Washer - Lock	1
53	322-3	Screw - Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
54	12-7099	Reel Assy. - 8 Blade (Left C.U.)	1
*	12-7089	Reel Assy. - 8 Blade (Right & Center C.U.)	1
*	13-1709	Reel Assy. - 11 Blade (Left C.U.)	1
*	13-1699	Reel Assy. - 11 Blade (Right & Center C.U.)	1
55	323-7	Screw - Cap Hex. Hd.	4
56	67-5840	Nut - Jam	1
57	27-1850	Washer	1
58	302-18	Fitting - Grease	1
59	62-5070	Decal - Warning	1
60	62-7120	Spacer	1

NOTE: Front cutting unit shown.
*Not Illustrated



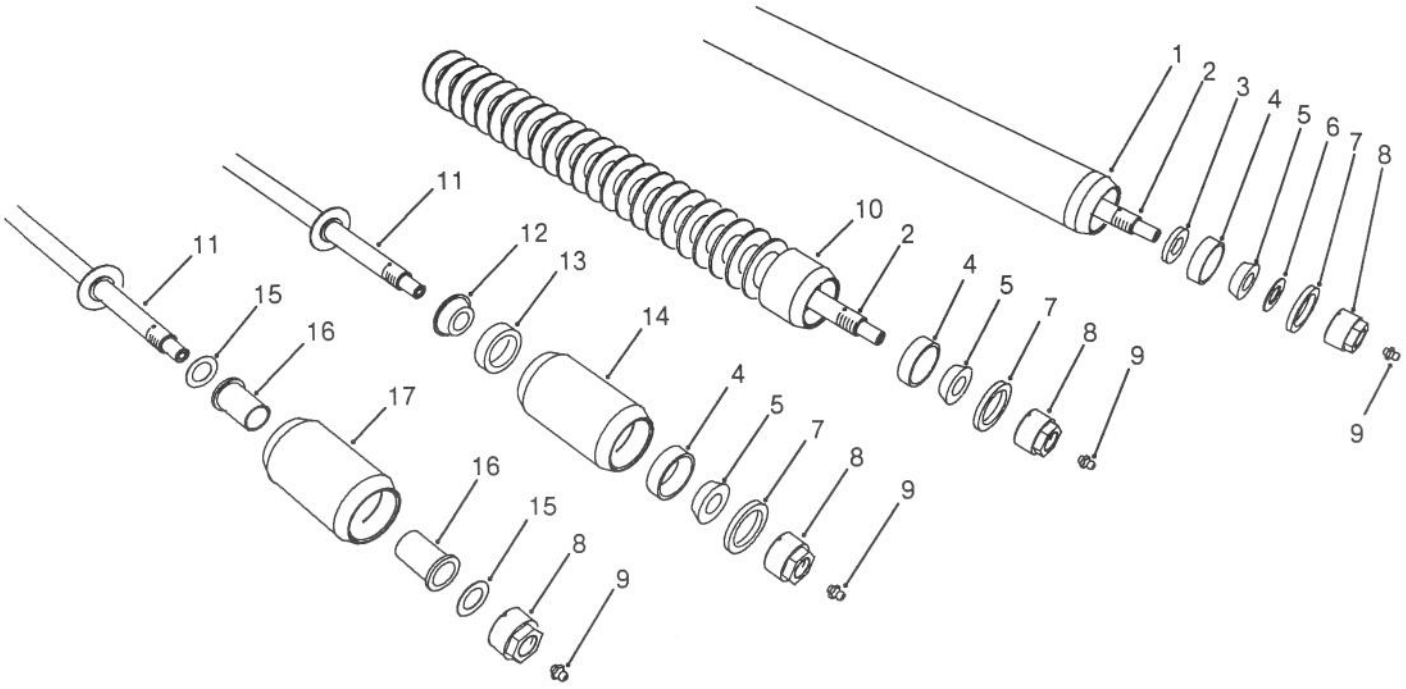
T-0286-90

8 & 11 BLADE CUTTING UNIT ROLLER ASSEMBLY
(FLOATING SUSPENSION)

Ref. No.	Part No.	Description	No. Used
1	323-6	Screw — Cap Hex Hd.	8
2	3290-467	Cotter — Hairpin	4
3	61-3800	Plate — HOC Rear	2
4	61-0790	Screw — Cap Hex Hd.	4
5	61-0420	Support — HOC	4
6	3296-39	Nut — Lock	16
7	71-3690	Pin — HOC	4
8	3290-55	Rivet — Pop	6
9	61-0910	Bracket — Angle	4
10	61-3790	Plate — HOC Front	2
11	61-0380	Cap — Roller	2
12	61-0400	Shaft — Roller	1
13	254-79	Cup — Bearing	2
14	3231-2	Bolt — Carriage	4

Ref. No.	Part No.	Description	No. Used
15	61-0430	Bracket — Rear	2
16	56-9520	Bushing — Flanged	2
17	56-9510	Bushing	4
18	302-5	Fitting — Grease	2
19	71-3590	Nut — Adjustment	2
20	253-153	Seal — Outer	2
21	254-78	Cone — Bearing	2
22	253-152	Seal — Inner	2
23	61-0440	Bracket — Front	2
24	62-7660	Washer — Shim (not used on all full roller assemblies)	2
*	61-0410	Full Roller Assembly (Incl. Ref. #11-13, 18-22 & 24)	1

NOTE: Front left cutting unit shown.
* Not Illustrated



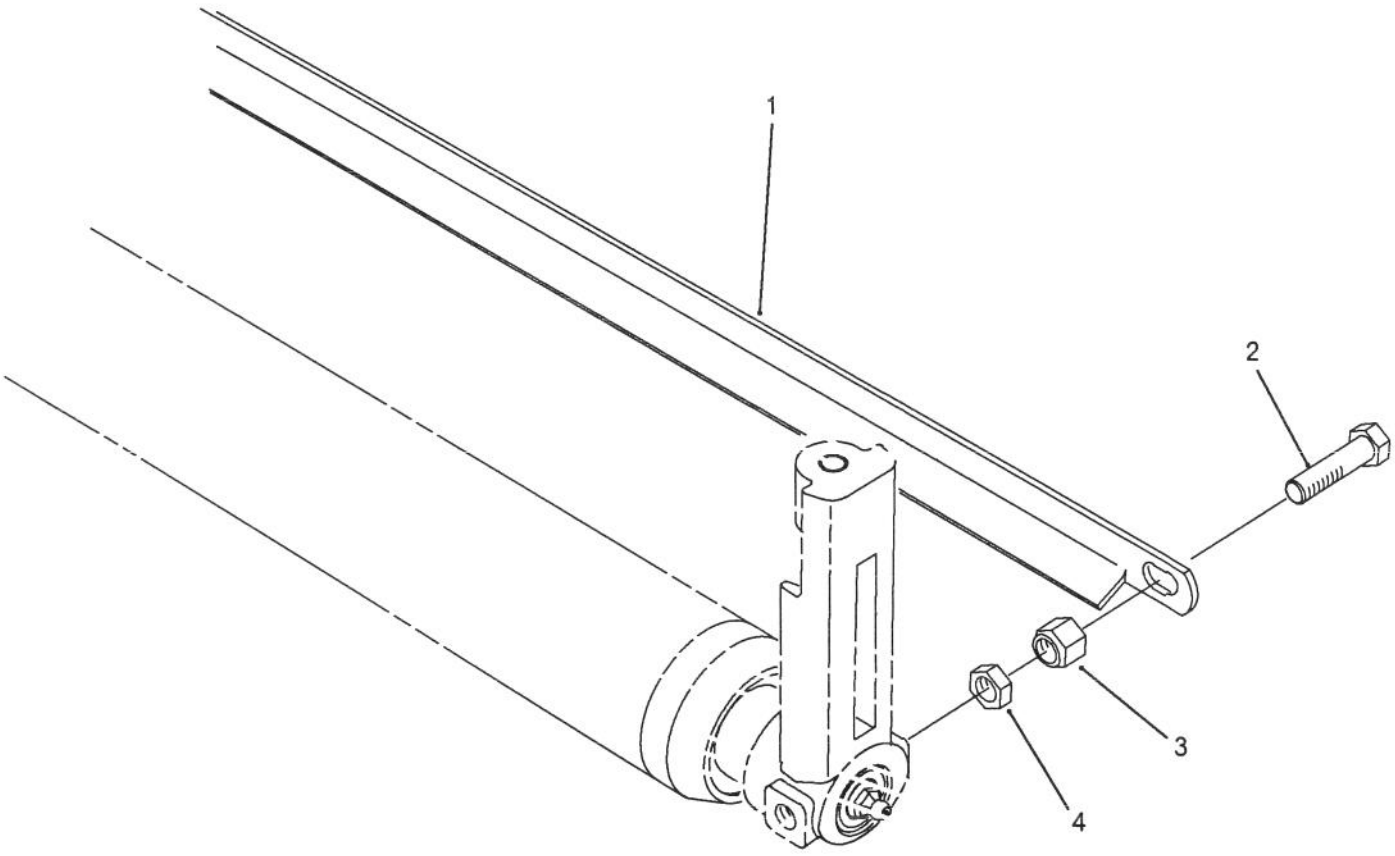
T-0287-90

CUTTING UNIT ROLLER OPTIONS

Ref. No.	Part No.	Description	No. Used
1	61-0380	Cap — Full Roller	2
2	61-0400	Shaft — Full/Wiehle Roller	2
3	253-152	Seal — Inner	2
4	254-79	Cup — Bearing (Outer)	6
5	254-78	Cone — Bearing (Outer)	6
6	62-7660	Washer — Shim (not used on all full roller assemblies)	2
7	253-153	Seal — Outer	6
8	71-3590	Nut — Adjustment	8
9	302-5	Fitting — Grease	8
10	63-5160	Wiehle Roller Weld Assy.	1
11	62-4990	Shaft — Sectional Roller	2
12	252-107	Cone — Bearing (Inner)	2
13	252-106	Cup — Bearing (Inner)	2
14	62-4980	Roller — Sectional	2
15	3-6498	Washer — Thrust	4
16	256-117	Bushing — Flanged	4

Ref. No.	Part No.	Description	No. Used
17	63-5060	Roller — Anti-Scalp	2
*	61-0410	Full Roller Assembly (Incl. Ref. #1-9)	1
*	62-7410	Wiehle Roller Assembly (Incl. Ref. #2, 4-5 & 7-10)	1
*	62-4970	Sectional Roller Assy. (Incl. Ref. #4-5, 7-9 & 11-14)	1
*	63-5090	Anti-Scalp Roller Assembly (Incl. Ref. #8-9, 11 & 15-17)	1
*	03440	Full Roller Kit (Incl. 3 No. 61-0410)	1
*	03450	Wiehle Roller Kit (Incl. 3 No. 62-7410)	1
*	03445	Sectional Roller Kit (Incl. 3 No. 62-4970)	1
*	03447	Anti-Scalp Roller Kit (Incl. 3 No. 63-5090)	1

* Not Illustrated

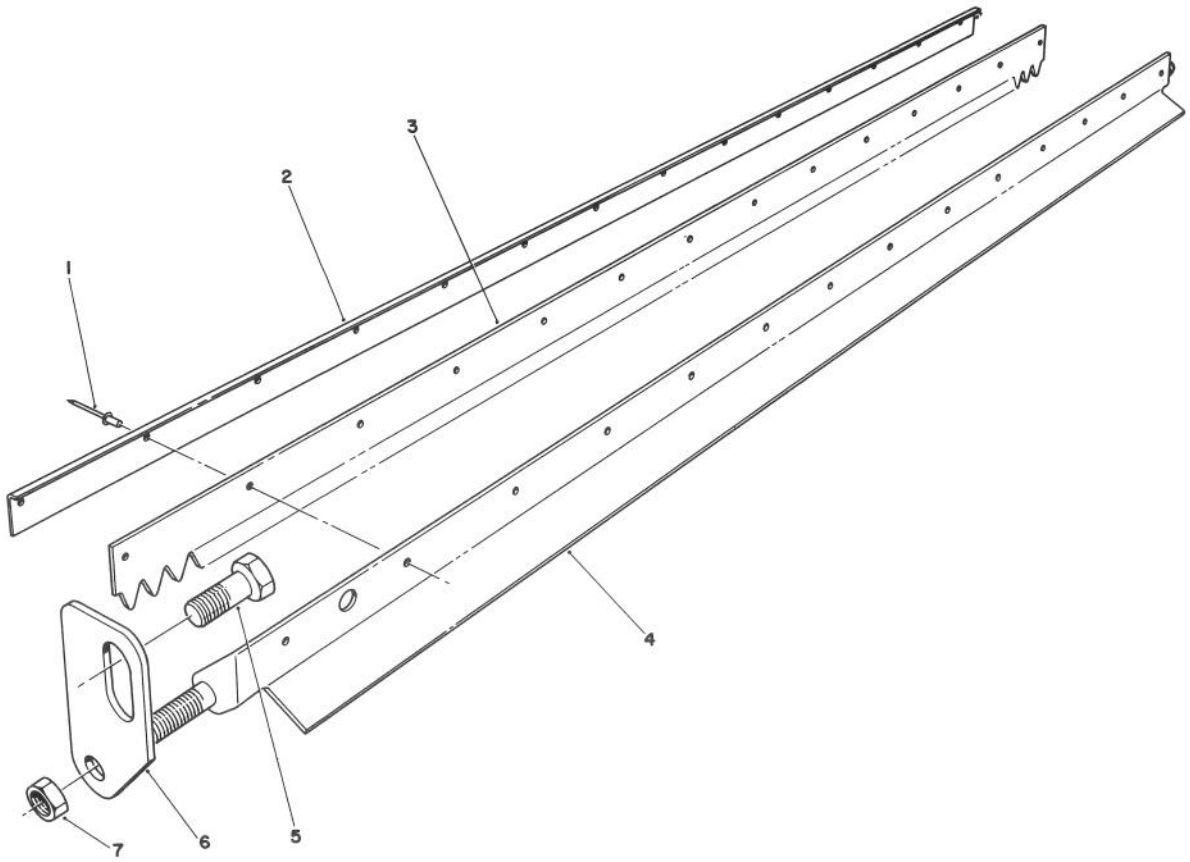


T-0288-90

CUTTING UNIT ROLLER SCRAPER KIT PART NO. 60-9560 (Optional)

Ref. No.	Part No.	Description	No. Used
1	61-0590	Scraper - Roller	3
2	323-7	Screw - Cap Hex. Hd.	6

Ref. No.	Part No.	Description	No. Used
3	3296-59	Nut - Lock	6
4	3218-3	Nut - Jam	6

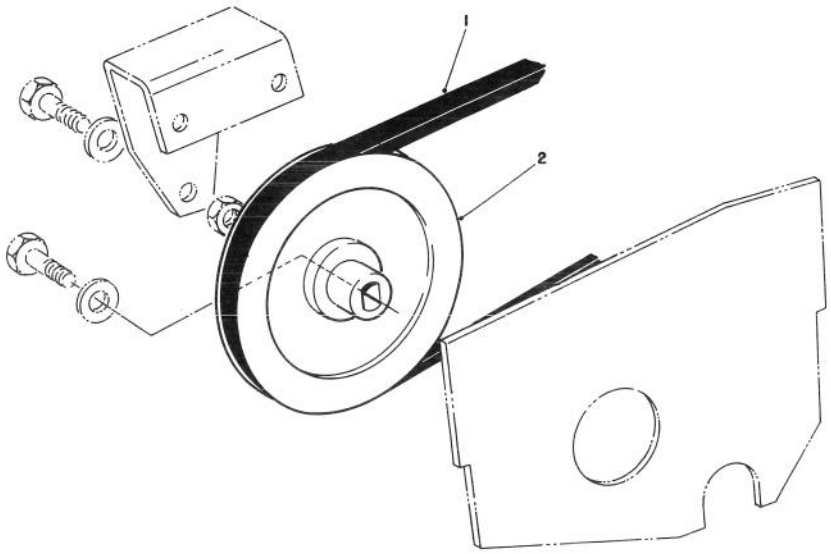


T-1036-90

COMB KIT PART NO. 67-9400

Ref. No.	Part No.	Description	No. Used
1	3269-13	Pop Rivet	14
2	67-9450	Support — Comb	1
3	67-9470	Comb	1
4	67-9430	Comb W.A.	1

Ref. No.	Part No.	Description	No. Used
5	323-7	Hex. Hd. Capscrew	6
6	67-9460	Support — Scraper	6
7	3296-39	Locknut	6

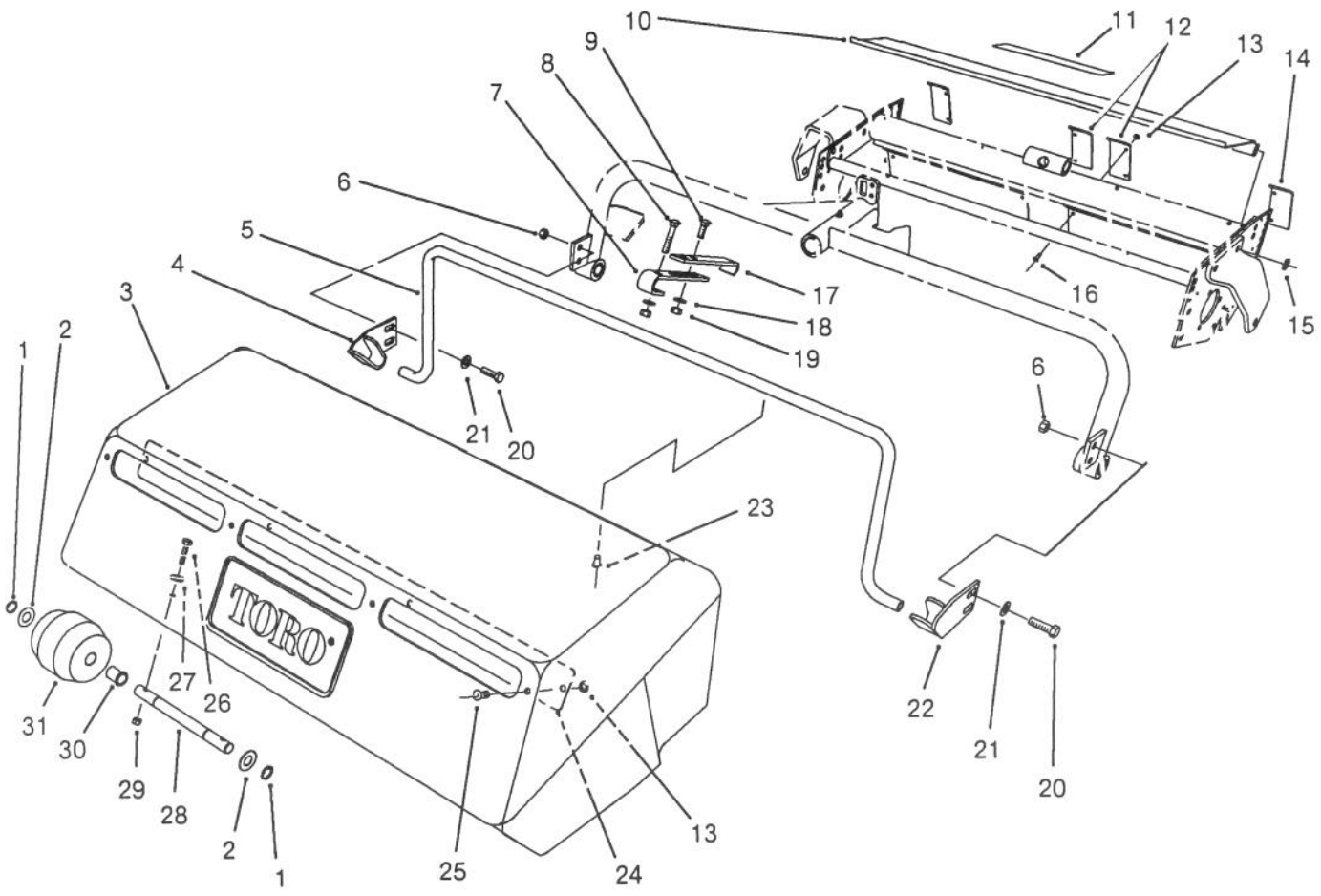


T-0930-90

LARGE PULLEY KIT PART NO. 67-9540

Ref. No.	Part No.	Description	No. Used
1	68-7290	Pulley — Reel	3

Ref. No.	Part No.	Description	No. Used
2	72-4770	V-Belt	3



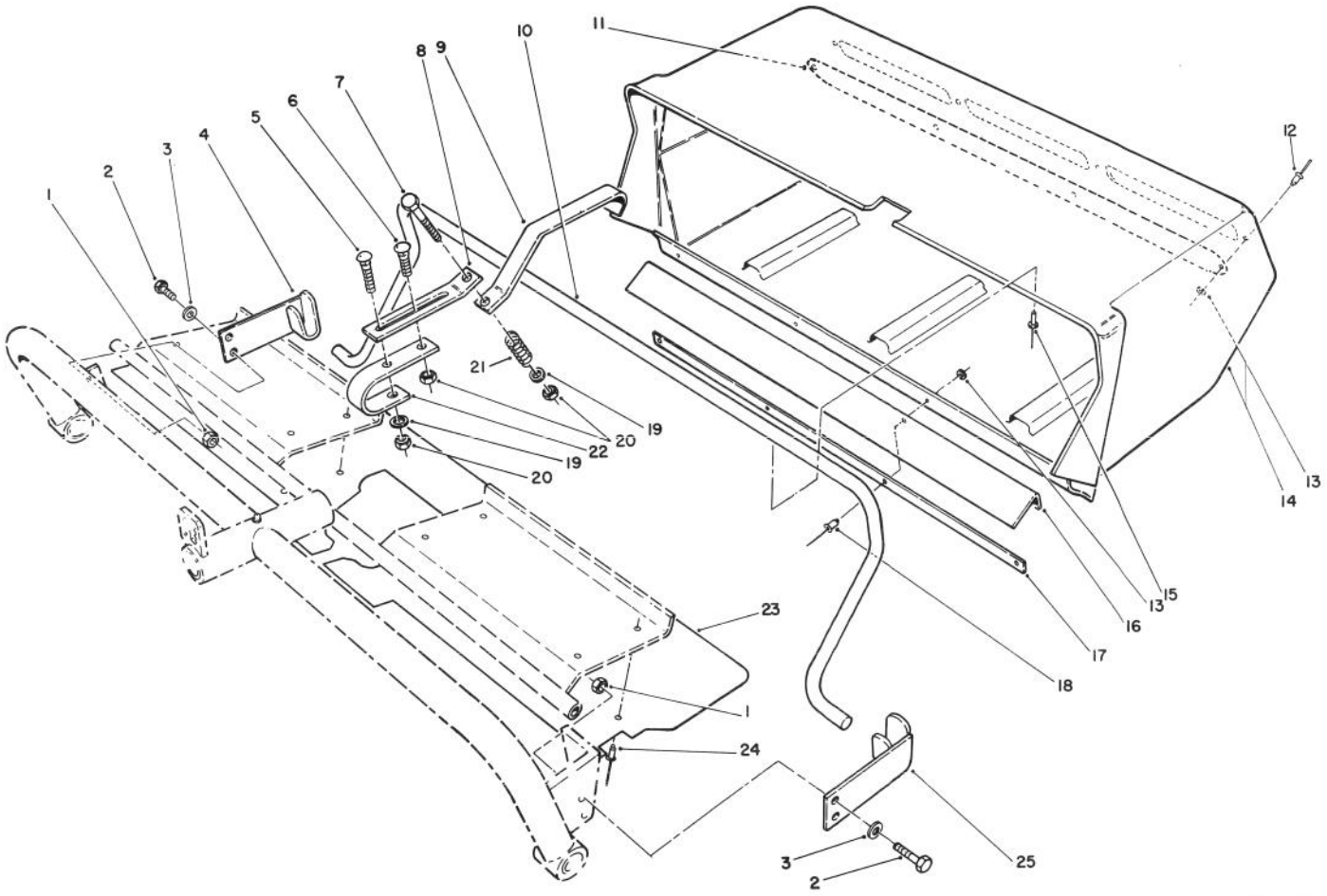
T-0289-90

GRASS COLLECTION SYSTEM MODEL NO. 03433 (Optional)
(FRONT CUTTING UNIT BASKET ASSEMBLY)

Ref. No.	Part No.	Description	No. Used
1	32120-64	Ring - Snap	8
2	3-9274	Spacer - Wheel	8
3	61-1330	Front Grass Basket Assy. (Incl. Ref. #1, 2, 5, 7-9, 13, 17-19 & 23-31)	2
4	61-1280	Bracket - Basket R.H.	2
5	61-1190	Support - Basket (Front)	2
6	3296-39	Nut - Lock	8
7	61-3160	Hanger - Basket (Front)	2
8	3230-5	Bolt - Carriage	2
9	3230-2	Bolt - Carriage	4
10	61-0750	Deflector - Grass	2
11	62-5070	Decal - Warning	2
12	61-3290	Cover - Middle	4
13	3256-49	Washer - Flat	32
14	61-3280	Cover - End	4
15	3253-21	Washer - Lock	4

Ref. No.	Part No.	Description	No. Used
16	3269-23	Rivet - Pop	24
17	62-7230	Hanger - Adjustable (Front)	2
18	3256-23	Washer - Flat	6
19	3296-29	Nut - Lock	6
20	323-7	Screw - Cap Hex. Hd.	8
21	3256-24	Washer - Flat	8
22	61-1270	Bracket - Basket L.H.	2
23	3269-18	Rivet - Pop	20
24	61-3170	Baffle - Grass	2
25	3269-22	Rivet - Pop	8
26	321-8	Screw - Cap Hex. Hd.	8
27	3256-2	Washer - Flat	8
28	5-2891	Shaft - Wheel	4
29	32153-4	Nut - Lock	8
30	256-90	Bushing - Flange	8
31	4-7439	Wheel Assembly (Incl. Ref. #30)	4

NOTE: Left Front Cutting Unit Shown.
NOTE: Model No. 03433 Includes 2 Front and 1 Rear Basket Assemblies.



GRASS COLLECTION SYSTEM MODEL 03433 (Opt.) (Cont.)
(REAR CUTTING UNIT BASKET ASSEMBLY)

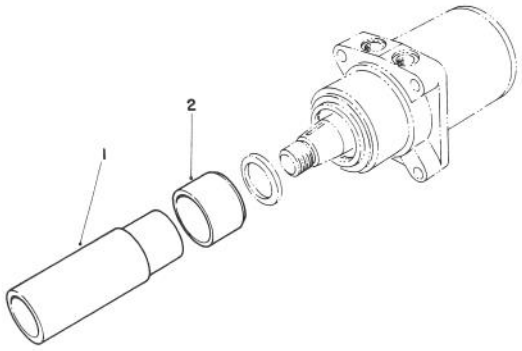
Ref. No.	Part No.	Description	No. Used
1	3296-39	Nut - Lock	3
2	323-7	Screw - Cap Hex. Hd.	4
3	3256-24	Washer - Flat	4
4	61-1260	Bracket - Basket R.H.	1
5	3230-8	Bolt - Carriage	1
6	3230-2	Bolt - Carriage	1
7	322-7	Screw - Cap Hex. Hd.	1
8	67-5910	Plate - Rear	1
9	67-5890	Hanger - Basket Rear	1
10	67-5920	Support - Basket Rear	1
11	61-3170	Baffle - Grass	1
12	3269-22	Rivet - Pop	4
13	3256-49	Washer	8

Ref. No.	Part No.	Description	No. Used
14	61-1340	Rear Grass Basket Assy. (Incl. Ref. #10-13 & 15-18)	1
15	3269-18	Rivet - Pop	10
16	62-5130	Flap - Rubber	1
17	63-8740	Strap - Basket	1
18	3290-282	Rivet - Pop	10
19	3256-23	Washer - Flat	2
20	3296-29	Nut - Lock	3
21	63-4220	Spring - Compression	1
22	62-7480	Bracket - Hanger	1
23	67-5800	Flap - Basket Rear	1
24	3269-23	Rivet - Pop	8
25	61-1250	Bracket - Basket L.H.	1

Note: Model No. 03433 Includes 2 Front and 1 Rear Basket Assemblies.

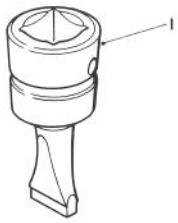
SPECIAL TOOLS

DRIVE MOTOR SEAL INSTALLATION TOOL NO. 19–2660



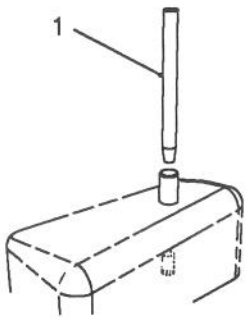
Ref. No.	Part No.	Description	No. Used
1		Driver – Seal	1
2		Holder – Seal	1

BEDKNIFE SCREW TOOL NO. 51–0880



Ref. No.	Part No.	Description	No. Used
1		Tool – Bedknife Screw	1

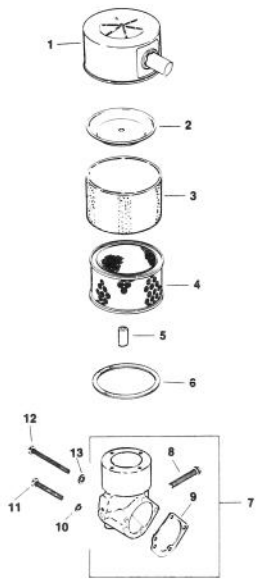
HYDRAULIC OIL RESERVOIR PLUG NO. 63–4310



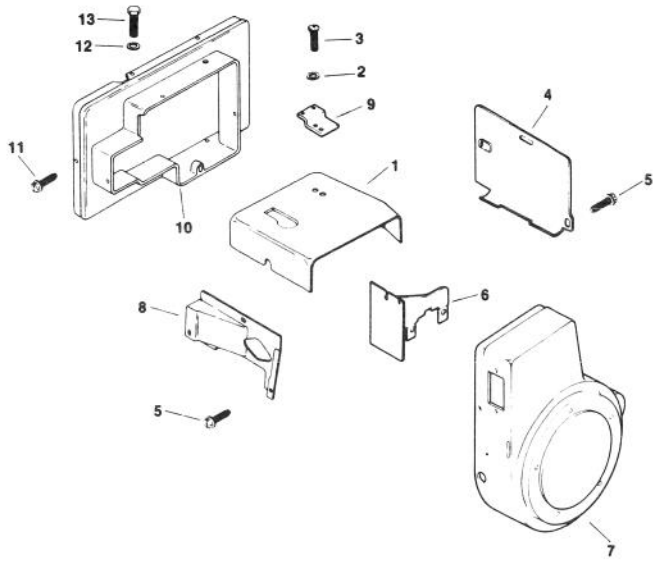
Ref. No.	Part No.	Description	No. Used
1		Plug – Hydraulic Oil Reservoir	1

ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711563
ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711565

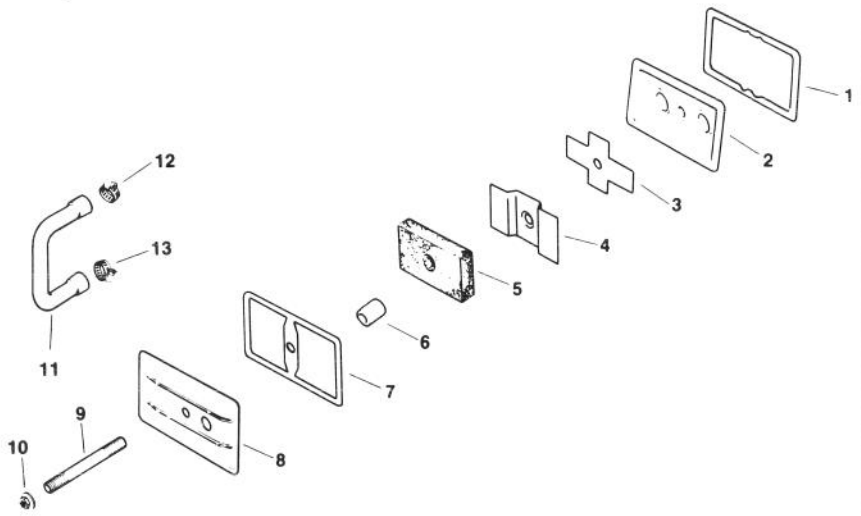
Group 1



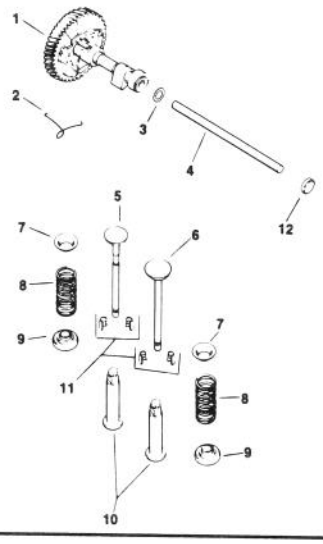
Group 2



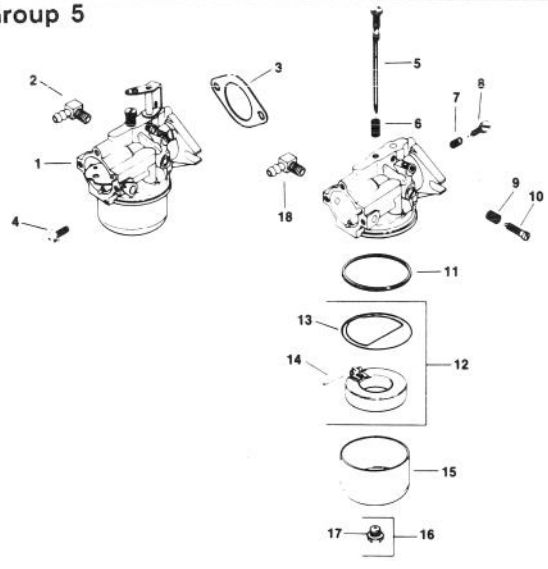
Group 3



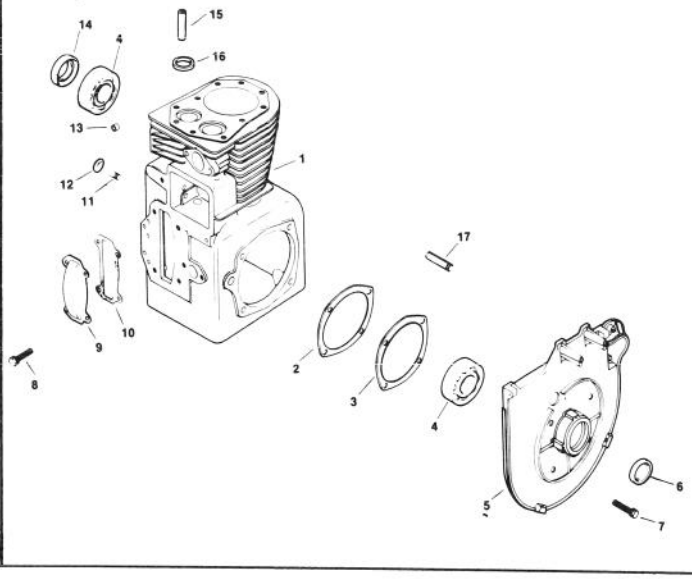
Group 4



Group 5



Group 7

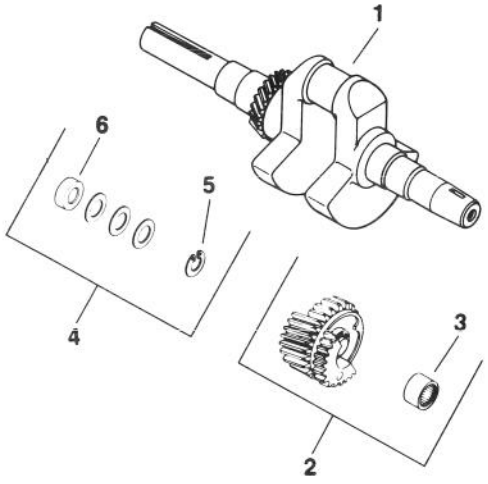


ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711563
ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711565

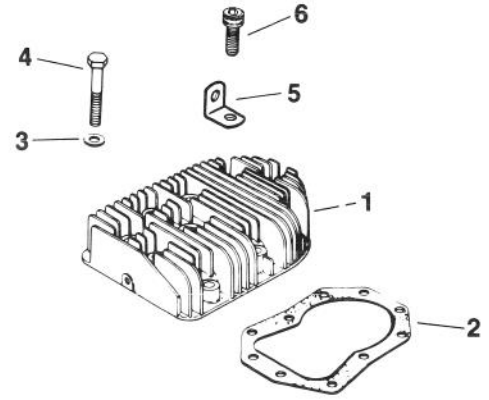
Ref. No.	Part No.	Description	No. Used
		Air Intake — Group 1	
1	52 096 26	Cover — Air Cleaner	1
2	52 082 04	Cover — Air Cleaner Element	1
3	45 083 01	Precleaner	1
4	45 083 02	Element — Air Cleaner	1
5	231032	Seal	1
6	47 041 11	Gasket — Base	1
7	48 754 03	Kit — Air Cleaner Elbow (Incl. Ref. #8 & 9)	1
8	52 086 11	Screw — Self Tap	1
9	25 041 06	Gasket — Air Cleaner Elbow	1
10	X-22-9	Washer — I.T. #10	2
11	X-50-57	Screw — Pan Hd. Mach.	2
12	X-50-37	Screw — Pan Hd. Mach.	1
13	X-25-79	Washer — Plain	1
		Baffles & Shroud — Group 2	
1	45 063 08	Baffle — Head	1
2	X-25-53	Washer — Plain	1
3	47 086 08	Screw — Pozidriv T.H.	1
4	47 063 10	Baffle — Cylinder	1
5	52 086 11	Screw — Hex Wash. Hd.	6
6	47 063 07	Baffle — Inner	1
7	47 027 42	Housing — Blower	1
8	47 063 06	Baffle — Side Air	1
9	47 126 23	Bracket — Duct	1
10	47 755 33	Kit — Air Duct	1
11	X-67-64	Screw — Hex Wash. Hd.	3
12	X-25-20	Washer — Plain	1
13	X-154-4	Screw — H.C. Sems	1
		Breather & Vent — Group 3	
1	235048	Gasket — Breather Plate	1
2	235631	Plate — Breather	1
3	235047	Reed — Breather	1
4	235117	Baffle — Breather	1
5	235118	Filter — Breather	1
6	231032	Seal — Breather	1
7	275144	Gasket — Valve Cover	1
8	275839	Cover — Valve	1
9	275220	Stud — Valve Cover	1
10	X-799-1	Palnut	1
11	47 326 02	Hose	1
12	X-426-3	Clamp — Hose	1
13	X-426-9	Clamp — Hose	1
		Camshaft & Valves — Group 4	
1	47 010 11	Camshaft Assembly	1
2	47 089 01	Spring — Actuating	1
3	275066	Spacer .005	A/R
	275067	Spacer .010	A/R
4	47 380 09	Pin — Camshaft	1
5	237672	Valve — Exhaust	1
6	235582	Valve — Intake	1
7	235011	Retainer — Upper Spring	2
8	235168	Spring — Valve	2
9	52 413 01	Rotator — Valve	2
10	D-235327	Tappet	2
11	41 755 10	Kit — Retainer	2
12	X-702-3	Plug — Cup	1
		Carburetor — Group 5	
1	45 053 76	Carburetor Assembly (Incl. Ref. #5-18)	1
2	45 155 01	Connector — Hose	1
3	47 049 01	Gasket — Carburetor	1
4	X-770-1	Screw — Sltd. Hd.	2
5	45 103 01	Needle — Main Fuel Adj.	1
6	200383	Spring — Main Fuel	1
7	200380	Spring — Idle Fuel	1
8	275231	Needle — Idle Fuel Adj.	1
9	232555	Spring — Idle Speed	1
10	232556	Screw — Idle Speed Adj.	1
11	200375	Gasket — Bowl	1
12	25 757 03	Kit — Float (Incl. Ref. #13)	1
13	25 041 02	Gasket — Bowl Baffle	1
14	200376	Pin — Float Hinge	1
15	235448	Bowl — Fuel	1
16	47 100 06	Screw — Bowl Retainer (Incl. Ref. #17)	1
17	200372	Gasket — Bowl Ret. Screw	1
18	X-391-10	Connector — Hose	1
	25 757 02	Kit — Carburetor Repair	1
	25 757 05	Kit — Choke & Throttle Repair	1
		Crankcase — Group 7	
1		Block Cylinder Assembly (Incl. Ref. #13, 15, 16) (USE: Miniblock 45 782 33) (Engine Model M16QS Spec. 711563)	1
1		Block Cylinder Assembly (Incl. Ref. #13, 15, 16) (USE: Miniblock 45 782 23) (Engine Model M16QS Spec. 711565)	1
2	47 422 05	Gasket — Shim	A/R
3	47 041 09	Gasket — Bearing Plate	1
4	235376	Bearing — Ball	2
5	47 146 11	Plate — Bearing	1
6	47 032 06	Seal — Front Oil	1
7	X-159-2	Screw — H.C. Sems	4
8	X-132-6	Screw — H.C. Sems	4
9	235026	Cover — Camshaft	1
10	235025	Gasket — Camshaft Cover	1
11	235125-S	Shaft — Governor Gear	1
12	X-230-11	Plug — Expansion	1
13	234866	Bearing — Gov. Cross Shaft	1
14	47 032 07	Seal — Rear Oil	1
15	230265	Insert — Valve	2
16	235007-S	Guide — Valve	2
17	236559	Shaft — Balance Gear Stub	3

ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711563 (Continued)
ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711565 (Continued)

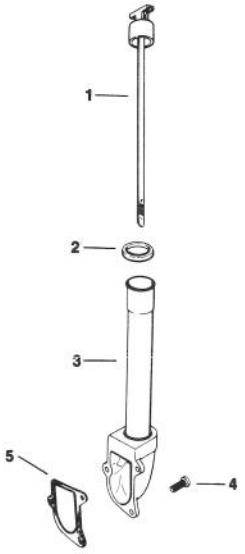
Group 8



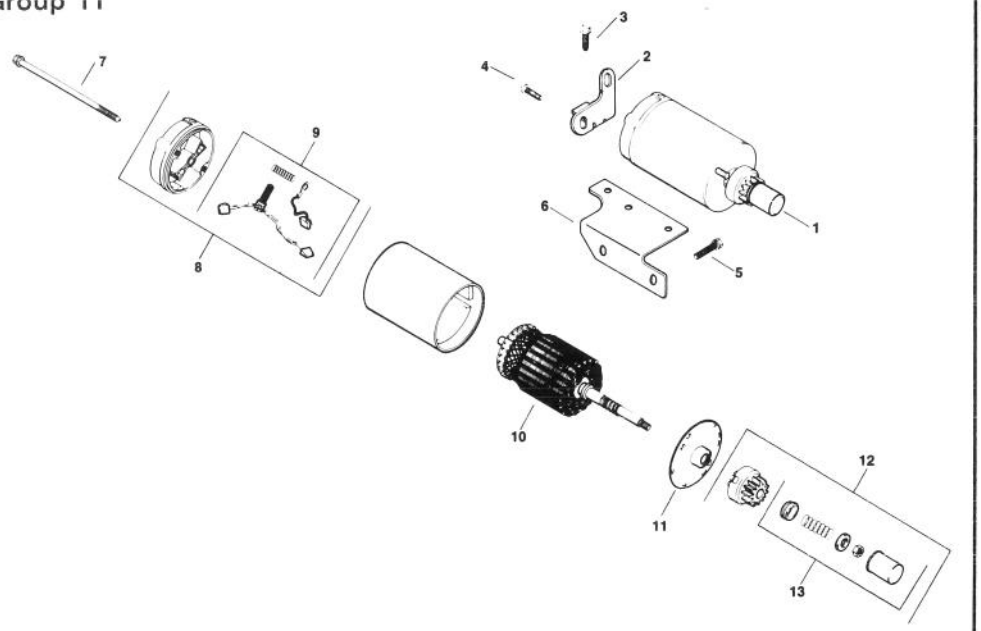
Group 9



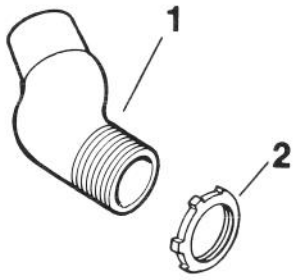
Group 10



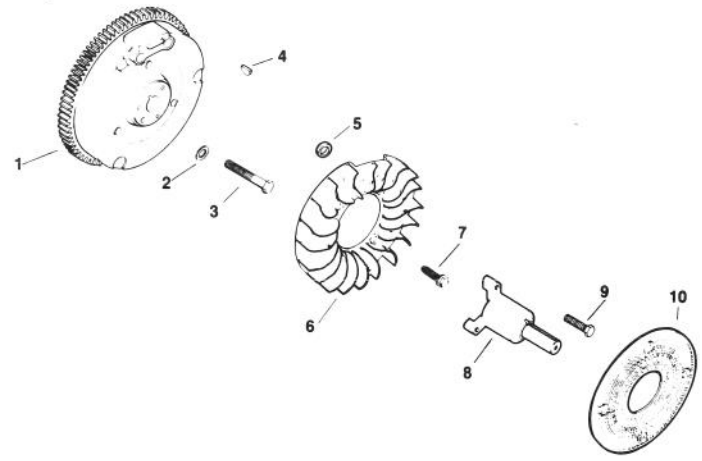
Group 11



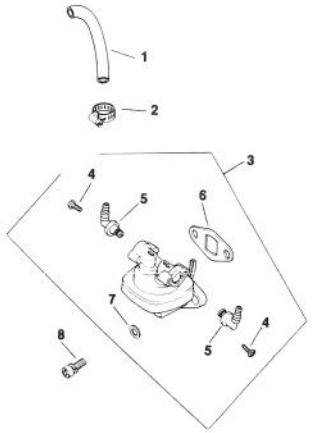
Group 12



Group 13



Group 14

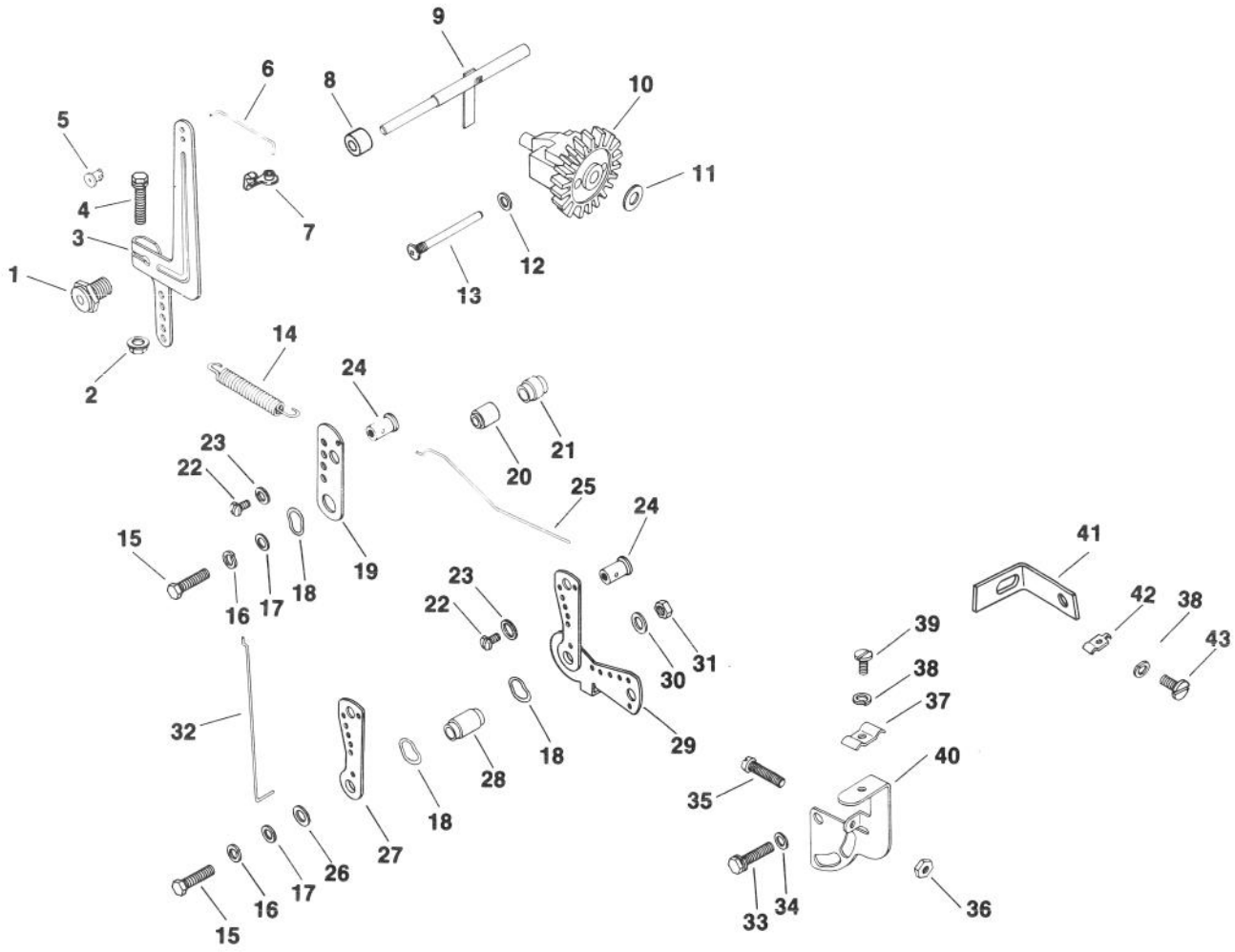


ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711563 (Continued)
ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711565 (Continued)

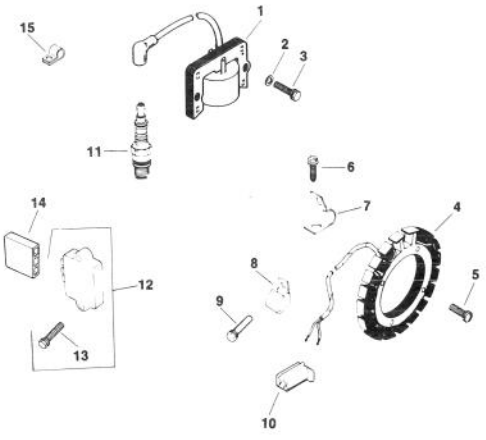
Ref. No.	Part No.	Description	No. Used
		Crankshaft — Group 8	
1	45 014 86	Crankshaft	1
2	45 043 03	Gear Assembly (Incl. Ref. #3) (Engine Model No. M16QS Spec. No. 711563)	3
2	45 043 03	Gear Assembly (Incl. Ref. #3) (Engine Model No. M16QS Spec. No. 711565)	2
3	47 030 01	Bearing — Needle (Engine Model No. M16QS Spec. No. 711563)	3
3	47 030 01	Bearing — Needle (Engine Model No. M16QS Spec. No. 711565)	2
4	47 755 01	Kit — Spacer (Incl. Ref. #5 & 6)	1
5	X-269-34	Retainer (Engine Model No. M16QS Spec. No. 711563)	3
5	X-269-34	Retainer (Engine Model No. M16QS Spec. No. 711565)	2
6	237769	Spacer (Engine Model No. M16QS Spec. No. 711563)	3
6	237769	Spacer (Engine Model No. M16QS Spec. No. 711565)	2
		Cylinder Head — Group 9	
1	45 015 09	Head — Cylinder	1
2	45 041 17	Gasket — Head	1
3	270889	Washer — Plain	10
4	270158	Screw — H.C.	9
5	47 445 02	Strap — Lifting	1
6	47 086 17	Screw — Hex Socket Hd.	1
		Dipstick — Group 10	
1	47 038 27	Dipstick	1
2	41 153 01	O-Ring	1
3	47 029 06	Adapter — Oil Fill	1
4	X-131-2	Screw — F.H. Sems	3
5	237064	Gasket	1
		Electric Start — Group 11	
1	41 098 04	Starter Assembly (Incl. Ref. #7-13)	1
2	45 126 17	Brace — Tail	1
3	X-67-83	Screw — Hex Wash. Hd.	1
4	X-67-62	Screw — Hex Wash. Hd.	1
5	X-159-2	Screw — H.C. Sems	2
6	47 126 29	Bracket — Solenoid	1
7	41 086 19	Bolt — Thru	2
8	41 227 04	Cap — Commutator End Assy. (Incl. Ref. #9)	1
9	52 755 15	Kit — Brush	1
10	45 170 02	Armature	1
11	41 227 03	Cap — Drive End	1
12	47 755 07	Kit — Drive (Incl. Ref. #13)	1
13	47 755 13	Kit — Drive Parts	1
	25 450 03	Tag — Caution	1
	52 357 01	Lubricant — Starter	
		Exhaust — Group 12	
1	45 054 04	Elbow — Exhaust	1
2	45 100 01	Nut — Lock	1
		Flywheel — Group 13	
1	47 025 53	Flywheel	1
2	52 468 15	Washer — Plain	1
3	25 086 24	Screw — Hex Mach.	1
4	X-46-3	Key — Woodruff	1
5	25 112 04	Spacer	4
6	25 157 01	Fan	1
7	25 086 21	Screw — Hex Wash. Hd.	4
8	235954	Shaft — Front Drive	1
9	X-159-2	Screw — H.C. Sems	4
10	25 162 03	Screen — Grass	1
		Fuel Pump — Group 14	
1	25 353 01	Line — Fuel	1
2	X-426-9	Clamp — Hose	2
3	47 559 08	Pump — Fuel Assembly (Incl. Ref. #4-7)	1
4	25 086 35	Screw — Tapping	2
5	25 294 01	Fitting & O-Ring — 90°	2
6	25 041 05	Gasket — Fuel Pump	1
7	X-25-63	Washer — Plain	2
8	X-174-2	Screw — F.H.M.	2

ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711563 (Continued)
ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711565 (Continued)

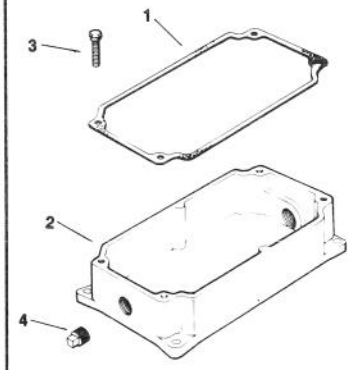
Group 17



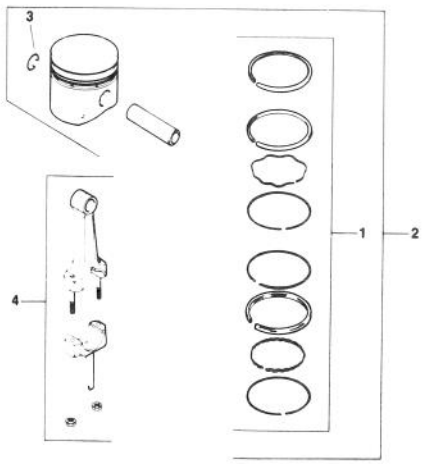
Group 18



Group 21



Group 22



ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711563 (Continued)
ENGINE KOHLER MODEL NO. M16QS SPEC. NO. 711565 (Continued)

Ref. No.	Part No.	Description	No. Used
		Governor — Group 17	
1	235476	Bushing — Governor	1
2	X-799-1	Palnut	1
3	47 090 20	Lever — Governor	1
4	X-776-1	Screw — H.C. Sems	1
5	25 158 07	Bushing — Linkage Retaining	1
6	47 079 05	Linkage — Governor	1
7	47 158 09	Bushing — Linkage Retaining	1
8	X-400-80	Spacer	1
9	A-235256-S	Kit — Governor Cross Shaft	1
10	A-235743-S	Kit — Governor Gear	1
11	237022	Washer — Thrust	1
12	25 468 01	Washer — Plain	1
13	231355	Pin — Governor Stop	1
14	235496	Spring — Governor	1
15	X-5-26	Screw — H.C.	2
16	X-20-1	Washer — Lock	2
17	X-25-63	Washer — Plain	2
18	275690	Washer — Wave	3
19	235086	Bracket — Speed Control	1
20	235085	Spacer	1
21	X-384-2	Spacer	1
22	X-51-8	Screw — Sltd. Pan Hd.	1
23	X-25-102	Washer — Plain	1
24	48 755 10	Kit — Clamp (Incl. Ref. #22 & 23)	1
25	47 079 08	Linkage — Throttle	1
26	X-25-82	Washer — Plain	1
27	47 090 05	Lever — Choke	1
28	47 112 19	Spacer	1
29	47 090 09	Lever — Throttle	1
30	X-25-95	Washer — Plain	1
31	X-81-1	Nut — Hex	1
32	47 079 01	Linkage — Choke	1
33	X-132-1	Screw — H.C. Sems	1
34	X-25-72	Washer — Plain	1
35	232556	Screw	1
36	X-72-4	Nut — Hex	1
37	12 237 01	Clamp — Cable	1
38	X-19-1	Washer — Lock	2
39	X-67-38	Screw	1
40	47 126 13	Bracket — Choke	1
41	47 126 36	Bracket — Choke	1
42	235778	Clamp — Cable	1
43	X-15-5	Screw — F.H.M.	1
		Ignition — Group 18	
1	47 584 02	Module — Ignition	
2	X-25-79	Washer — Plain	2
3	X-156-1	Screw — H.C. Sems	2

Ref. No.	Part No.	Description	No. Used
4	237878	Kit — Stator	1
5	X-778-1	Screw—Pozidriv Pan Hd. Sems	4
6	X-67-59	Screw — Hex Wash. Hd.	1
7	X-728-1	Clip (Mounts to Bearing Plate)	1
8	235173	Clip (Mounts to Cylinder Block)	1
9	X-132-6	Screw	1
10	41 155 03	Connector — Male	1
11	235041-S	Spark Plug RH-10	1
12	25 755 03	Kit — Rectifier-Regulator (Incl. Ref. #13)	1
13	X-132-5	Screw — H.C. Sems	2
14	236602	Connector — Female	1
15	210281	Clip — Hi-Tension Lead	1
	47 518 38	Lead — White, Module to Connector (23" — 18-gauge - insulated push on tab - uninsulated push on tab terminals)	1
	47 518 46	Lead — Violet, Rectifier-Regulator to Connector (12.5" — 14-gauge - uninsulated push on tab terminals)	1
		Oil Pan — Group 21	
1	235057	Gasket — Oil Pan	1
2	47 199 10	Pan — Oil	1
3	X-159-3	Screw — H.C. Sems	4
4	X-75-6	Plug — Sq. Hd. Solid	1
		Piston & Rod — Group 22	
1	45 108 10	Ring Set (Std. & .003)	1
	45 108 11	Ring Set (.010)	1
	45 108 12	Ring Set (.020)	1
	45 108 13	Ring Set (.030)	1
2	45 874 11	Piston w/Ring Set (Std.)	1
	45 874 12	Piston w/Ring Set (.003)	1
	45 874 13	Piston w/Ring Set (.010)	1
	45 874 14	Piston w/Ring Set (.020)	1
	45 874 15	Piston w/Ring Set (.030)	1
3	47 018 01	Retainer — Piston Pin	2
4	45 067 24	Connecting Rod (Std.)	1
	45 067 25	Connecting Rod (.010)	
	45 782 33	Miniblock (Engine M16QS Spec No. 711563)	1
	45 782 23	Miniblock (Engine M16QS Spec No. 711565)	1
	47 004 02	Gasket Set w/o Seals	1
	45 755 12	Gasket Set w/Seals	1

INDEX

Description	Page
Hood Assembly	1-2
Frame and Steering Assembly	3-4
Instrument Panel & Seat Support Assembly	5
Fuel Tank Assembly	6
Two Position Valve No. 71-2830	7
Instrument Panel Assembly	8
Electrical Schematic	9
Engine & Clutch Assembly	10
Electric Clutch Assembly No. 70-8020	11
Hydraulic Schematic	12
Hydraulic Tank & Battery Assembly	13
Hydraulic Oil Cooler Assembly	14
Hydraulic Drive Assembly	15
Hydraulic Pump Assembly No. 61-0080	16
Traction Controls Assembly	17
L.H. Front Wheel Assembly	18
R.H. Front Wheel Assembly	19
Hydraulic Drive Motor No. 66-5291	20
Brake Assembly	21
Jackshaft Assembly	22
Cutting Unit Lift Assembly	23
Hydraulic Cylinder No. 76-0020	24

Description	Page
Cutting Unit Lift Control Valve Assembly	25
Control Valve No. 43-1950	26
Seat Assembly Model No. 30797 (Optional)	27
Seat Assembly Model No. 30796 (Optional)	28
Cutting Unit Carrier Frame Assembly	29-30
5 Blade Cutting Unit Reel Assembly	31-32
5 Blade Cutting Unit Roller Assembly	33
8 & 11 Blade Cutting Unit Reel Assembly	34-35
8 & 11 Blade Cutting Unit Roller Assembly	36
Cutting Unit Roller Options	37
Cutting Unit Roller Scraper Kit Part No. 60-9590 (Optional)	38
Comb Kit Part No. 67-9400	39
Large Pulley Kit Part No. 67-9540	40
Grass Collection System Model No. 03433 (Opt.) (Front Cutting Unit Basket Assembly)	41
Grass Collection System Model No. 03433 (Opt.) (Rear Cutting Unit Basket Assembly)	42
Special Tools	43
Engine Kohler Model No. M16QS Spec. No. 711563 & Engine Kohler Model No. M16QS Spec. No. 711565	44-49

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								