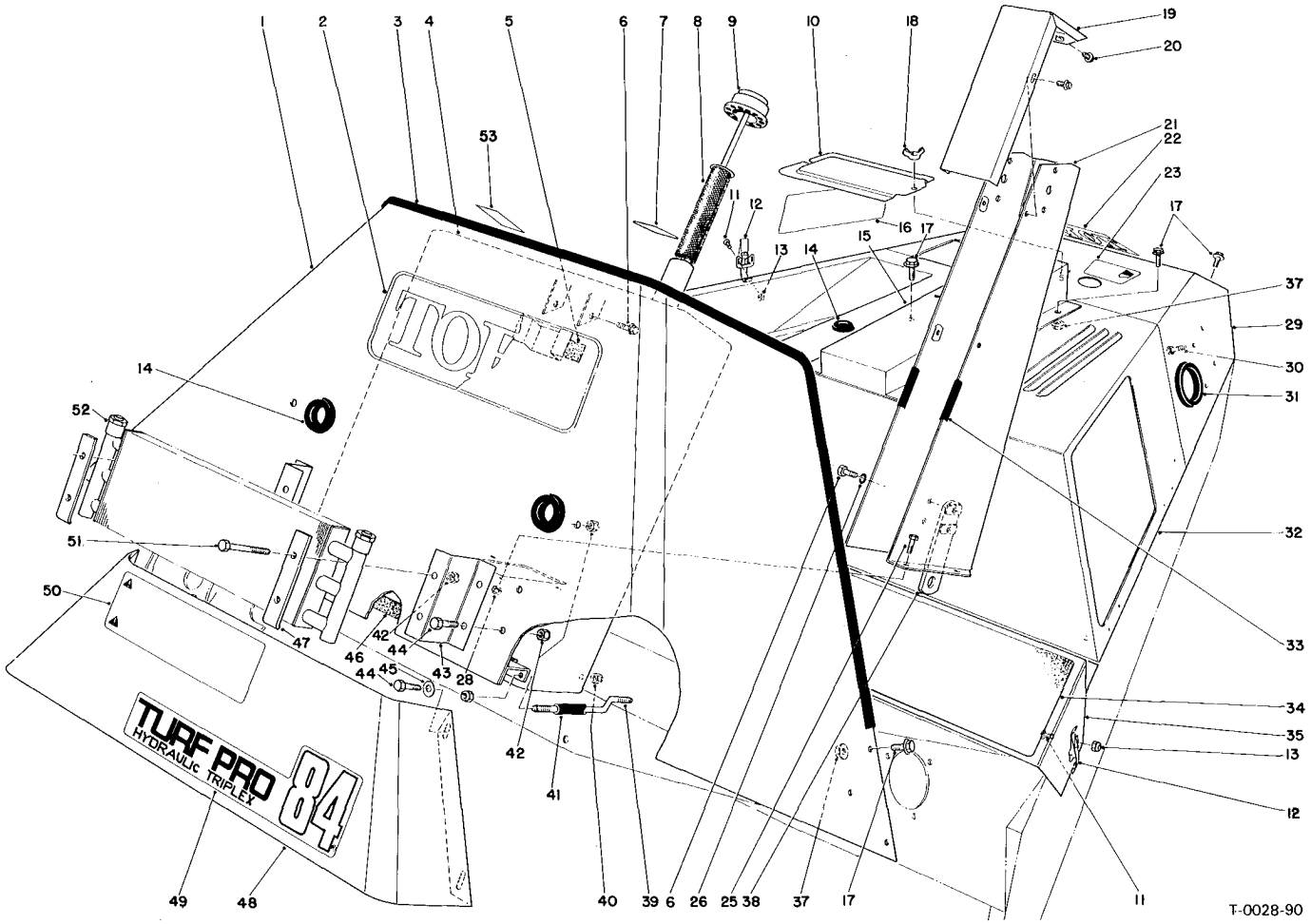
FORM NO. 3313-477 Rev. A

TORO®

MODEL NO. 03537-90001
THRU 00001 & UP

PARTS CATALOG

TURF PRO 84®



HYDRAULIC RESERVOIR AND FRONT SHROUD

Ref. No.	Part No.	Description	No. Used
1	12-3479	Front Shroud (Incl. Ref. #53)	1
2	66-6140	Decal — Toro	1
3	29-0640	Jiffy Trim	1
4	29-0580	Hydraulic Reservoir	1
5	29-0630	Felt Strip	1
6	32104-6	Self Tapping Flanged Screw	4
7	53-4430	Decal — Oil	1
8	29-0590	Filler Screen	1
9	36-4950	Cap	1
10	24-9740	Cover — Battery Access	1
11	32140-43	Machine Screw	6
12	249-21	Latch	3
13	3296-2	Locknut	6
14	237-103	Grommet	3
15	29-2270	Seat Support	1

Ref. No.	Part No.	Description	No. Used
16	29-8720	Decal — Cowl	1
17	3234-1	Capscrew — Flange	18
18	32103-2	Wing Nut	1
19	29-0780	Cover Tower	1
20	3234-13	Hex Flange Screw	3
21	29-0650	Tower	1
22	62-5550	Decal — Toro	1
23	39-1020	Decal — No Lead Gas	1
25	323-4	Capscrew	2
26	3253-21	Lockwasher	2
28	3296-39	Locknut	6
29	29-2130	Cover Rear	1
30	322-1	Capscrew	4
31	237-102	Grommet	1
32	39-0380	Cowl	1

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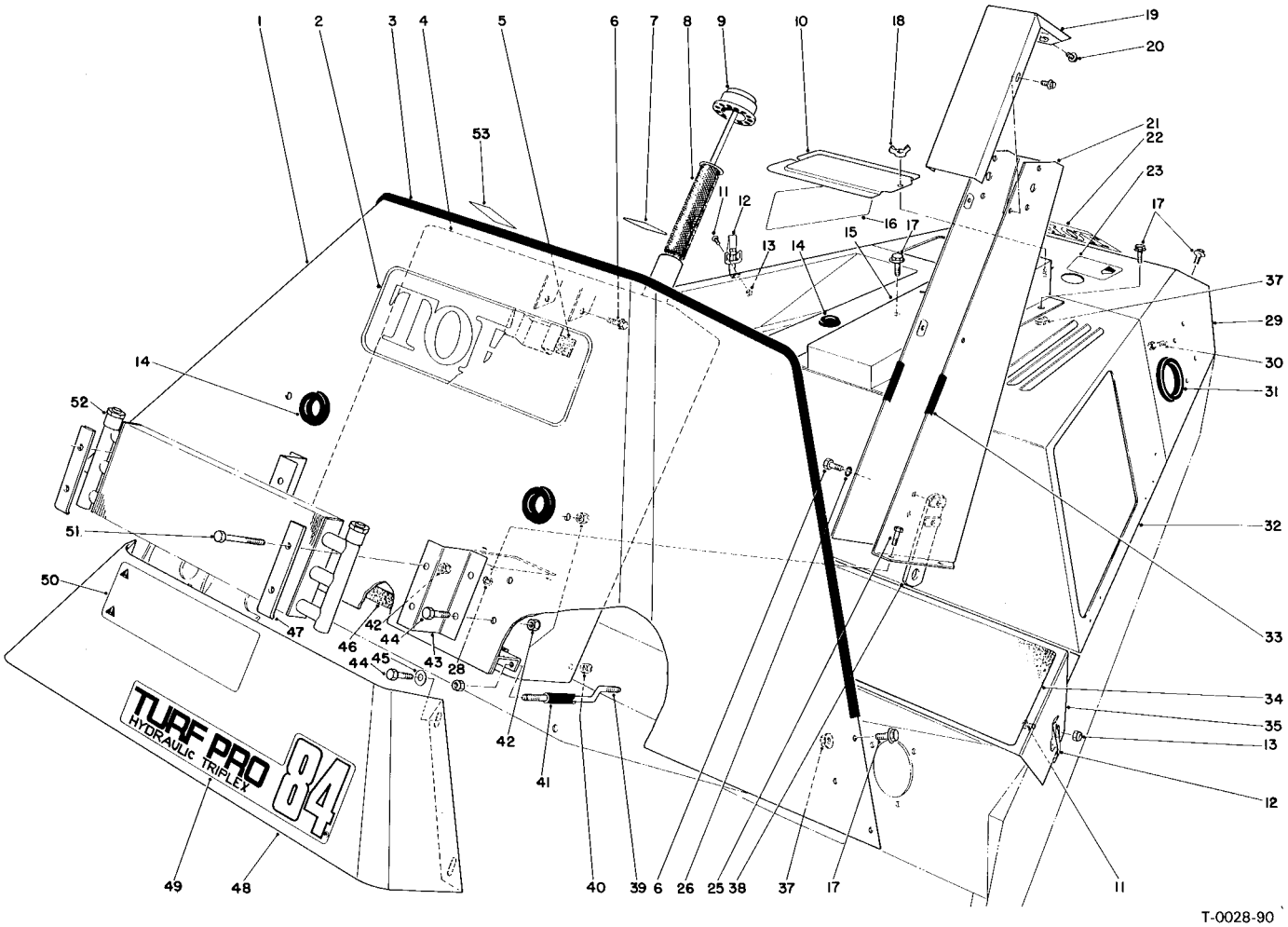
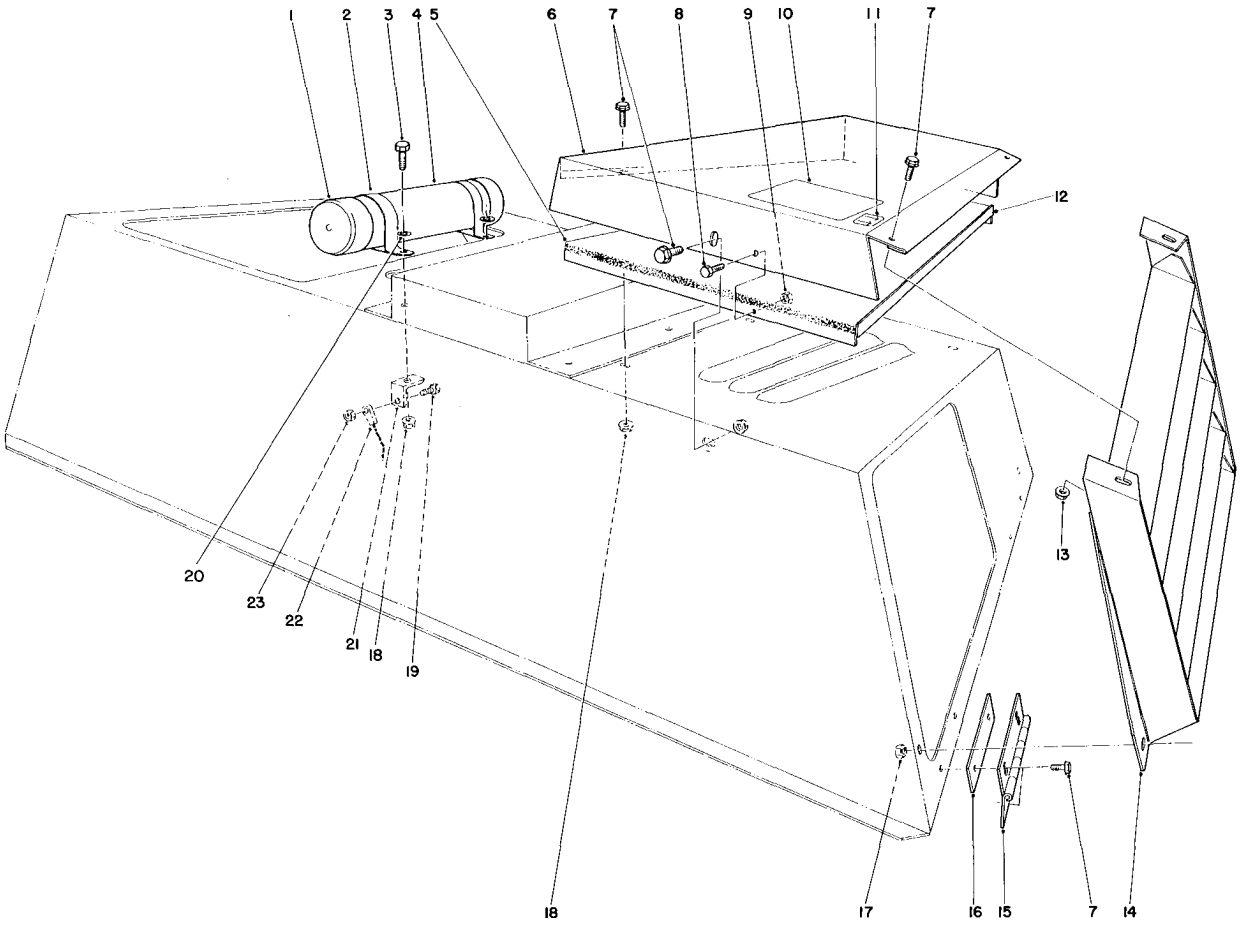


HYDRAULIC RESERVOIR AND FRONT SHROUD (Continued)

Ref. No.	Part No.	Description	No. Used
33	27-6630	Trim Hood	2
34	29-2380	Pad Floor Plate	1
35	38-3790	Floor Plate	1
37	32128-29	Flange Locknut	10
38	29-0830	Strap	1
39	46-7190	Rod — Hydraulic Tank	2
40	3296-42	Locknut	4
41	18-1530	Hose	2
42	3296-29	Locknut	12
43	39-3630	Bracket — Cooler Mounting	2
44	322-3	Capscrew	8
45	3256-23	Flat Washer	4

Ref. No.	Part No.	Description	No. Used
46	29-0620	Felt Strip	2
47	39-3640	Strap — Cooler	2
48	39-3670	Cooler Guard	1
49	29-8710	Decal — Front Shroud	1
50	29-9060	Decal — Backlapping	1
51	322-9	Capscrew	4
52	24-0760	Oil Cooler	1
53	57-9950	Decal — Caution	1
*	2410-45	Cap Plug (Used in place of Items 8 & 9 when changing hydraulic filter)	1

* Not Illustrated

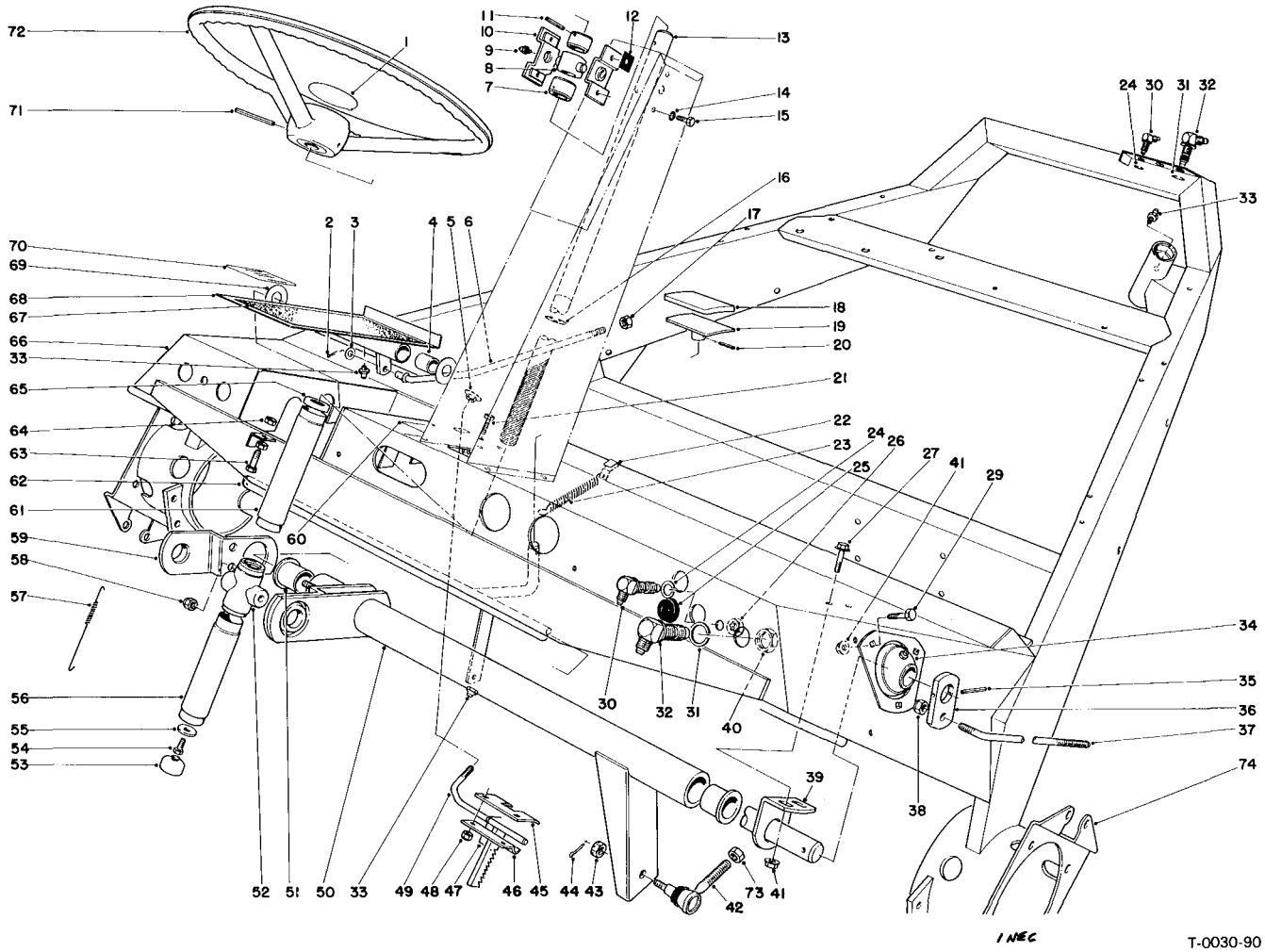


T-0029-90

COVER, TOP OUTLET AND DISCHARGE LOUVER

Ref. No.	Part No.	Description	No. Used
1	65-5890	Cap — Tube	2
2	2412-102	Clamp — R	2
3	323-5	Screw — Cap, Hex Hd.	1
4	65-5871	Tube — Manual	1
5	36-6160	Insulation — Outlet Duct	1
6	36-6200	Cover — Top Outlet	1
7	3234-1	Screw — Flange, Hex Hd.	15
8	321-3	Screw — Cap, Hex Hd.	4
9	3296-42	Nut — Lock	4
10	39-9700	Decal — Caution	1
11	63-8440	Decal — Hot Surface	1
12	36-6210	Retainer — Insulation	1

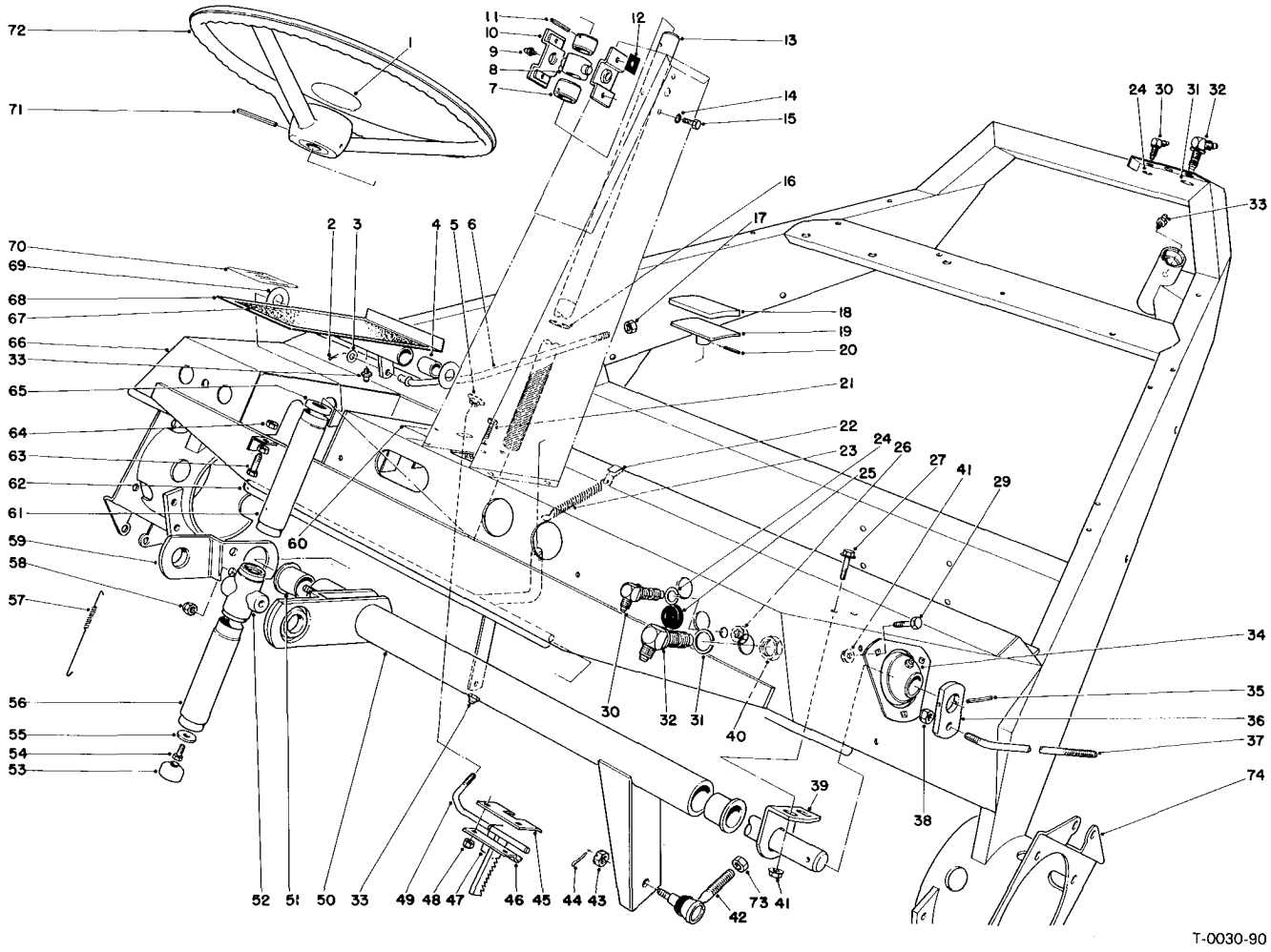
Ref. No.	Part No.	Description	No. Used
13	32128-21	Nut — Flange	3
14	36-5980	Louver — Discharge	1
15	36-5990	Hinge Assembly	2
16	36-6000	Spacer — Hinge	4
17	32153-2	Nut — Lock	1
18	32128-29	Nut — Flange	4
19	322-5	Screw — Cap, Hex Hd.	1
20	3256-24	Flat Washer	2
21	36-4320	Bracket — Cable	1
22	39-3420	Cable	1
23	3296-29	Nut — Lock	1



STEERING WHEEL AND TRANSFER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	24-2090	Cap — Steering Wheel	1
2	3272-11	Cotter Pin	1
3	3256-26	Flat Washer	1
4	256-202	Bushing	2
5	32141-111	Adjusting Nut	1
6	29-1360	Link Pedal	1
7	28-3940	Collar Steering Shaft	2
8	37-1100	Bearing Steering Shaft	1
9	302-16	Grease Fitting	1
10	29-0750	Bearing Support	2
11	32121-31	Roll Pin	2
12	29-0770	Shim — Steering	A/R
13	29-0670	Steering Shaft	1
14	3253-21	Lockwasher	4
15	323-34	Capscrew	4
16	32151-48	E-Rlng	1
17	3220-5	Nut	1
18	7-3900	Foot Pad	1
19	27-2210	Foot Pedal Brake	1
20	32121-45	Roll Pin	1
21	321-4	Capscrew	2
22	29-0980	Clip Spring	1
23	5-1706	Spring	1

Ref. No.	Part No.	Description	No. Used
24	3253-6	Lockwasher	3
25	237-103	Grommet	2
26	3220-4	Jam Nut	3
27	3234-1	Screw — Flange	2
29	322-3	Capscrew	6
30	353-618	45° Bulk Head Fitting	3
31	3253-16	Lockwasher	6
32	353-619	45° Bulk Head Fitting	6
33	302-5	Grease Fitting	3
34	43-2810	Center Flange Bearing	2
35	32121-35	Roll Pin	2
36	29-0960	Brake Lever	2
37	29-0970	Brake Rod	2
38	3296-4	Locknut	2
39	29-0950	Bracket Brake Shaft	1
40	3220-7	Jam Nut	6
41	32128-29	Flange Locknut	8
42	21-0140	Socket Assembly R.H.	1
43	32136-4	Slotted Nut	1
44	3272-6	Cotter Pin	1
45	10-7880	Parking Brake Hinge — Upper	1
46	10-7890	Parking Brake Hinge — Lower	1

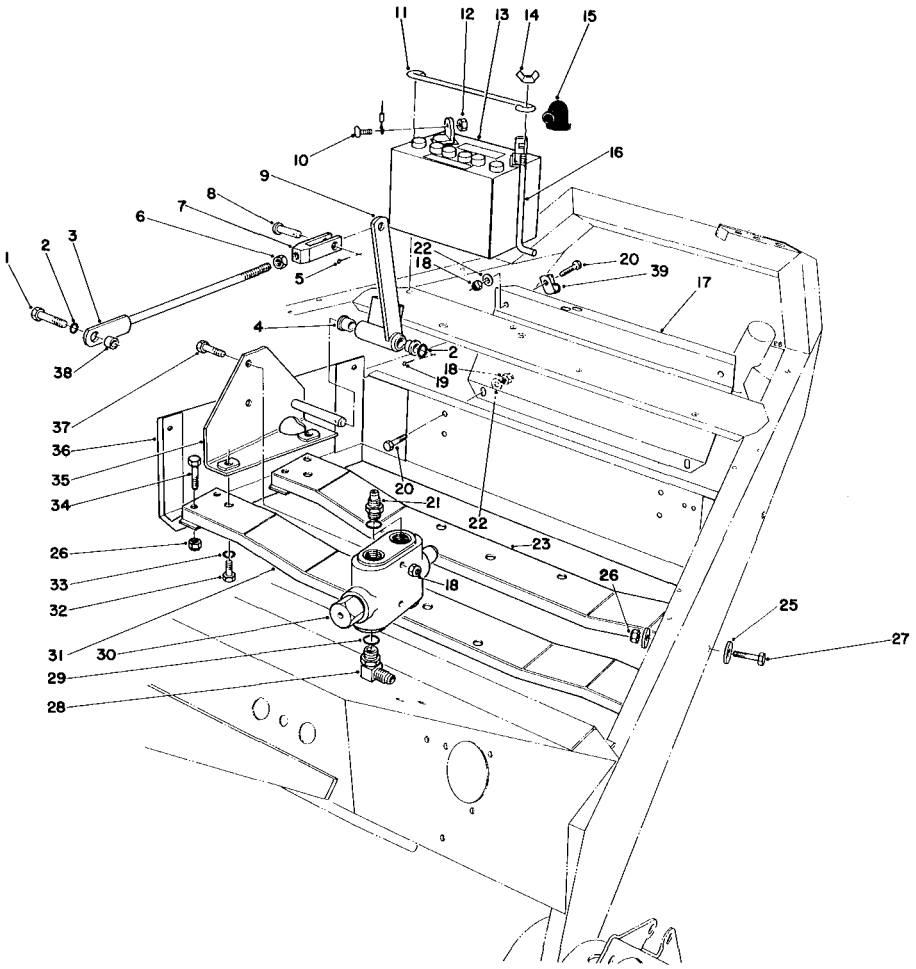


T-0030-90

STEERING WHEEL AND TRANSFER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	10-8140	Spring	1
48	3296-42	Locknut	2
49	10-7850	Parking Brake Latch	1
50	29-0890	Transfer Tube (Incl. Ref. #51)	1
51	256-148	Bushing	2
52	37-0500	Follower — Steering	1
53	49-7370	Plug — Steering Assembly	1
54	321-2	Capscrew	1
55	29-0730	Washer	1
56	29-0700	Sleeve — Lower	1
57	38-3330	Spring	2
58	3296-39	Locknut	2
59	29-0910	Arm — Starting Follower	1
60	27-2830	Decal — Parking Brake	1

Ref. No.	Part No.	Description	No. Used
61	299-0710	Sleeve — Upper	1
62	29-0790	Brake — Shaft	1
63	322-6	Capscrew	1
64	3217-6	Nut	2
65	253-84	Seal	1
66	42-6490	Frame	1
67	29-1000	Pad — Pedal	1
68	39-4170	Pedal (Incl. Ref. #4)	1
69	29-0930	Washer	2
70	29-2390	Decal — Traction Pedal	1
71	32121-10	Roll Pin	1
72	25-6260	Steering Wheel	1
73	3296-28	Locknut	2
74	29-0360	Support — Motor	2

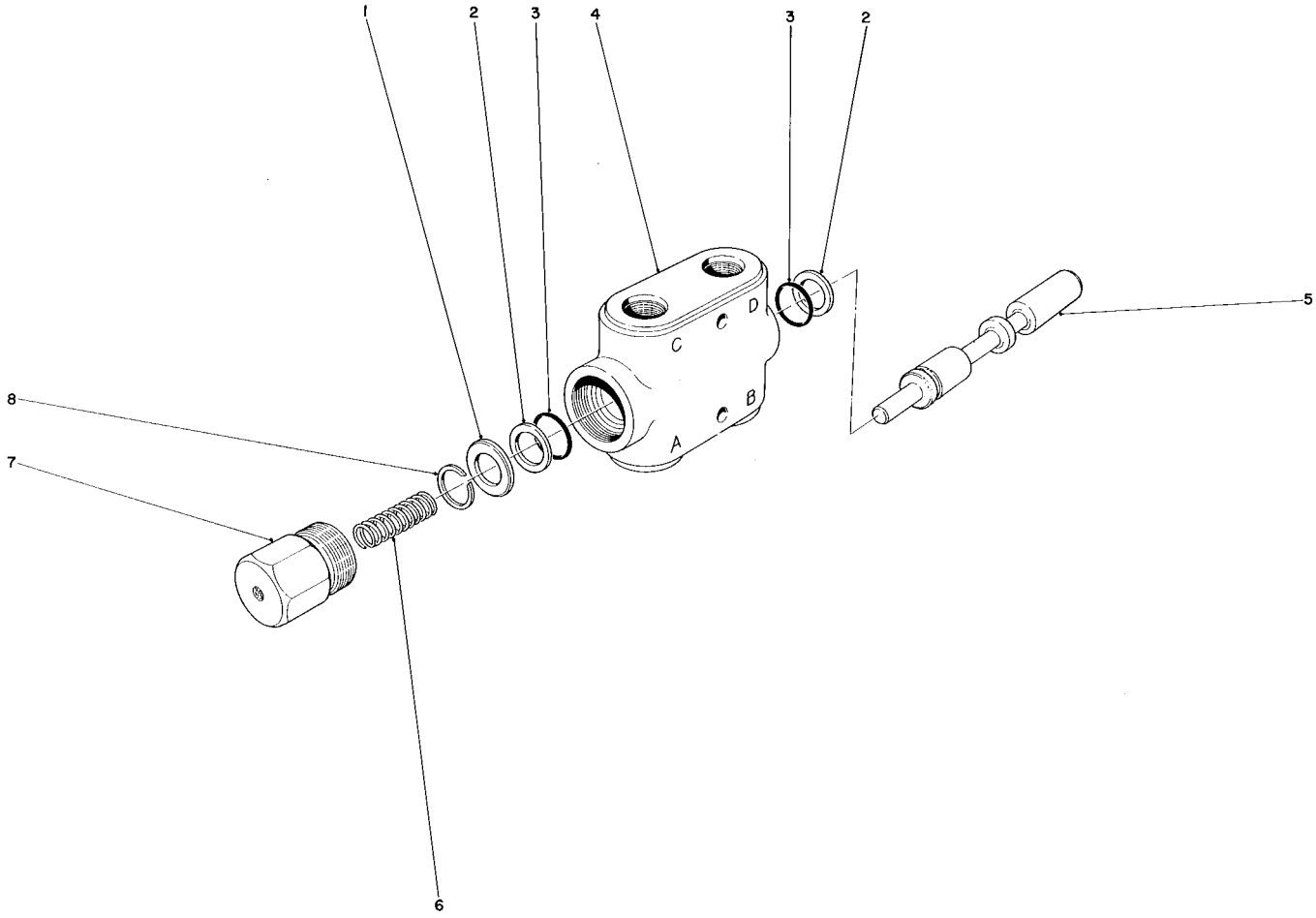


T-0031-90

MOTOR MOUNTS AND BATTERY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	325-4	Capscrew	1
2	3256-26	Washer	2
3	39-4470	Control Rod	1
4	256-243	Bushing	2
5	3272-6	Cotter Pin	1
6	3220-3	Jam Nut	1
7	282-22	Clevis	1
8	283-2	Clevis Pin	1
9	39-4430	Pivot Arm (Incl. Ref. #4)	1
10	3230-20	Carriage Bolt	2
11	47-1680	Battery Clamp	1
12	3296-29	Locknut	2
13	49-7030	Battery	1
14	32103-12	Wing Nut	2
15	218-331	Battery Boot	1
16	7-3328	Battery Bolt	2
17	55-7500	Rear Fender	1
18	3296-29	Locknut	7
19	3272-11	Cotter Pin	1

Ref. No.	Part No.	Description	No. Used
20	322-3	Capscrew	5
21	353-388	Fitting — Straight	2
22	3256-23	Washer	5
23	39-8980	Rear Motor Mount	1
25	29-8970	Washer	4
26	3296-39	Locknut	10
27	323-14	Capscrew	2
28	353-371	90° Fitting	2
29	237-79	O-Ring	4
30	38-3730	Selector Valve	1
31	39-9000	Front Motor Mount	1
32	323-34	Capscrew	2
33	3253-21	Lockwasher	2
34	323-9	Capscrew	8
35	39-4400	Valve Bracket	1
36	29-3230	Motor Support Pan	1
37	322-32	Capscrew	2
38	39-4500	Spacer	1
39	2412-41	Clamp	3



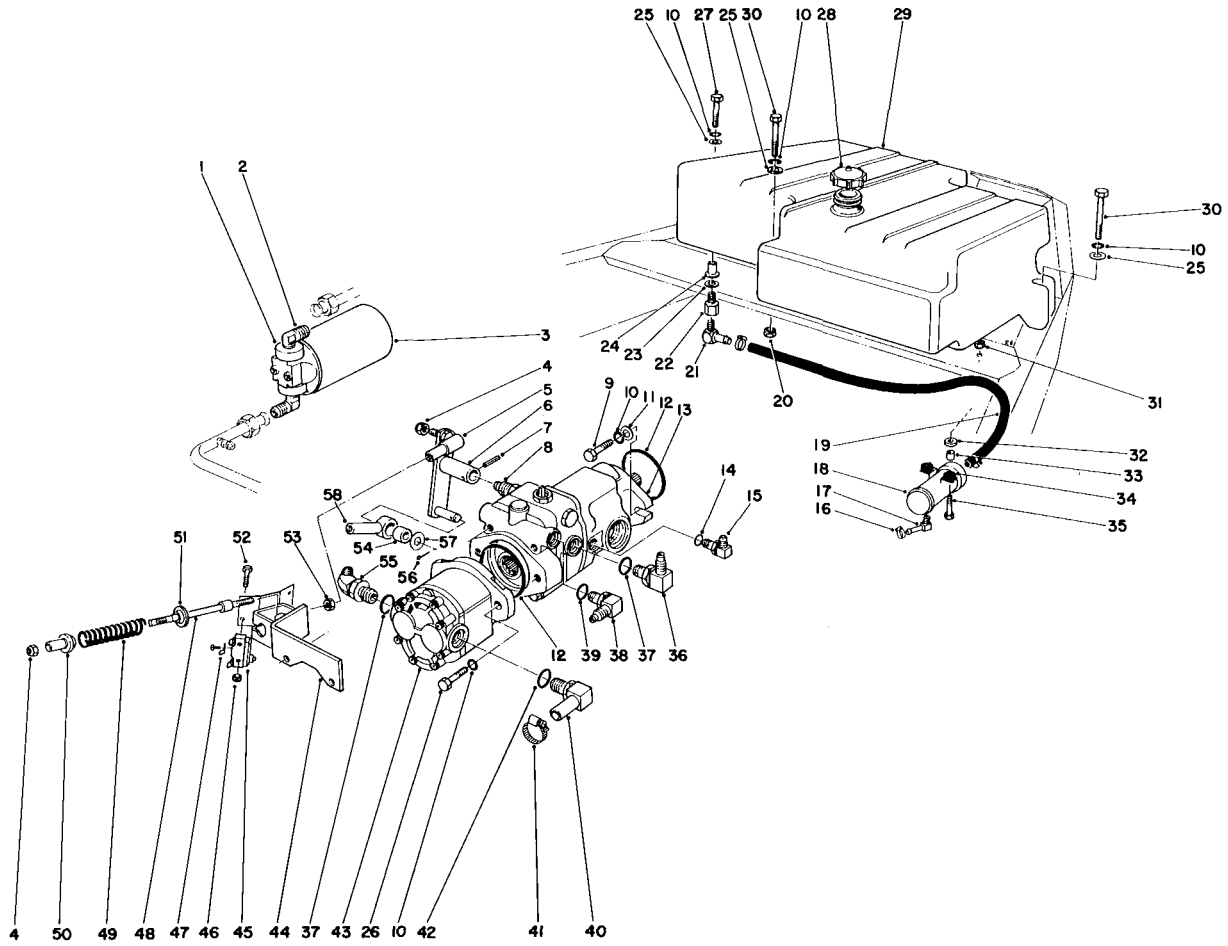
T-0032-90

SELECTOR VALVE NO. 38-3730

Ref. No.	Part No.	Description	No. Used
1	42-1210	O-Ring Retainer	1
2		Back Up Washer	2
3		O-Ring	2
4		Body	1
5	42-1190	Spool	1

Ref. No.	Part No.	Description	No. Used
6	42-1250	Spring	1
7	42-1200	Cap Assembly	1
8	42-1240	Snap Ring	1
*	42-1260	Seal Repair Kit (Incl. Ref. #2 & 3)	1

*Not Illustrated

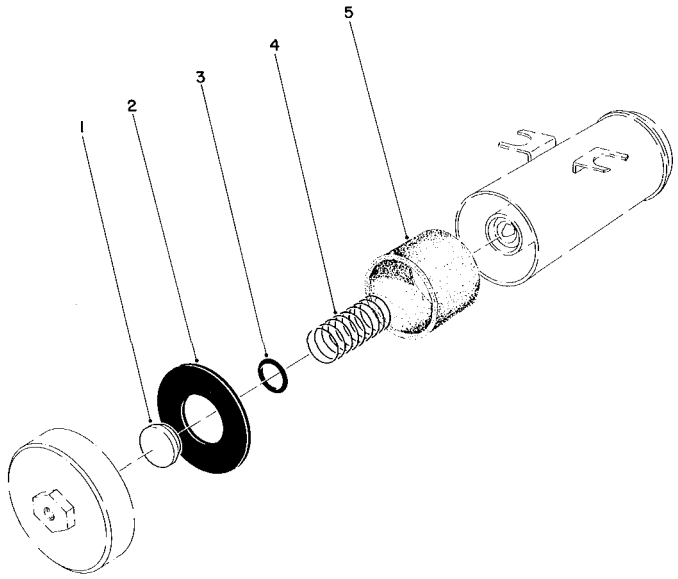


T-0033-90

PISTON PUMP AND GAS TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43-8590	Filter & Head Assy. (Incl. Ref. #3)	1
2	353-423	90° Fitting	2
3	23-9740	Filter Element	1
4	3296-6	Locknut	2
5	27-9370	Ball Joint	1
6	38-3310	Pump Lever	1
7	32121-24	Roll Pin	1
8	353-433	Straight Fitting	1
9	323-7	Capscrew	2
10	3253-21	Lockwasher	7
11	3256-24	Flatwasher	2
12	237-99	O-Ring	2
13	38-6010	Piston Pump	1
14	237-42	O-Ring	1
15	353-374	90° Fitting	1
16	2412-36	Clamp — Worm Gear	3
17	46-3710	90° Fitting — Fuel Line	2
18	44-7790	Fuel Pump — Electric	1
19	44-2670	Hose — Fuel Line	1
20	3296-39	Locknut	1
21	353-707	90° Elbow	1
22	52-1880	Adapter — Fuel Fitting	1
23	52-2860	Washer	1
24	52-1890	Wellnut	1
25	3256-4	Flat Washer	2
26	323-8	Capscrew	3
27	323-10	Capscrew	1
28	10-7950	Gas Cap	1
29	54-4300	Gas Tank Assembly (Incl. Ref. #22 & 24)	1

Ref. No.	Part No.	Description	No. Used
30	323-12	Capscrew	2
31	32149-2	Locknut	2
32	7-4318	Spacer	2
33	46-6310	Sleeve	2
34	46-6320	Rubber Damper	2
35	321-8	Capscrew	2
36	353-370	90° Fitting	1
37	237-80	O-Ring	3
38	353-371	90° Fitting	1
39	237-79	O-Ring	1
40	56-9530	90° Fitting	1
41	2412-75	Hose Clamp	2
42	237-81	O-Ring	1
43	49-2430	Gear Pump	1
44	48-1740	Bracket — Equalizer	1
45	29-6162	Micro — Switch	2
46	3296-9	Locknut	4
47	53-4550	Tab — Electrical Terminal	4
48	27-9350	Rod — Equalizer	1
49	27-9330	Spring — Compression	1
50	49-2440	Retainer — Spring Bottom	1
51	40-6390	Retainer — Spring Top	1
52	32105-9	Machine Screw	4
53	32153-11	Jam Nut	1
54	23-2270	Rubber Bushing	1
55	353-427	45° Fitting	1
56	3272-11	Cotter Pin	1
57	3256-26	Flat Washer	1
58	38-3300	Hub	1

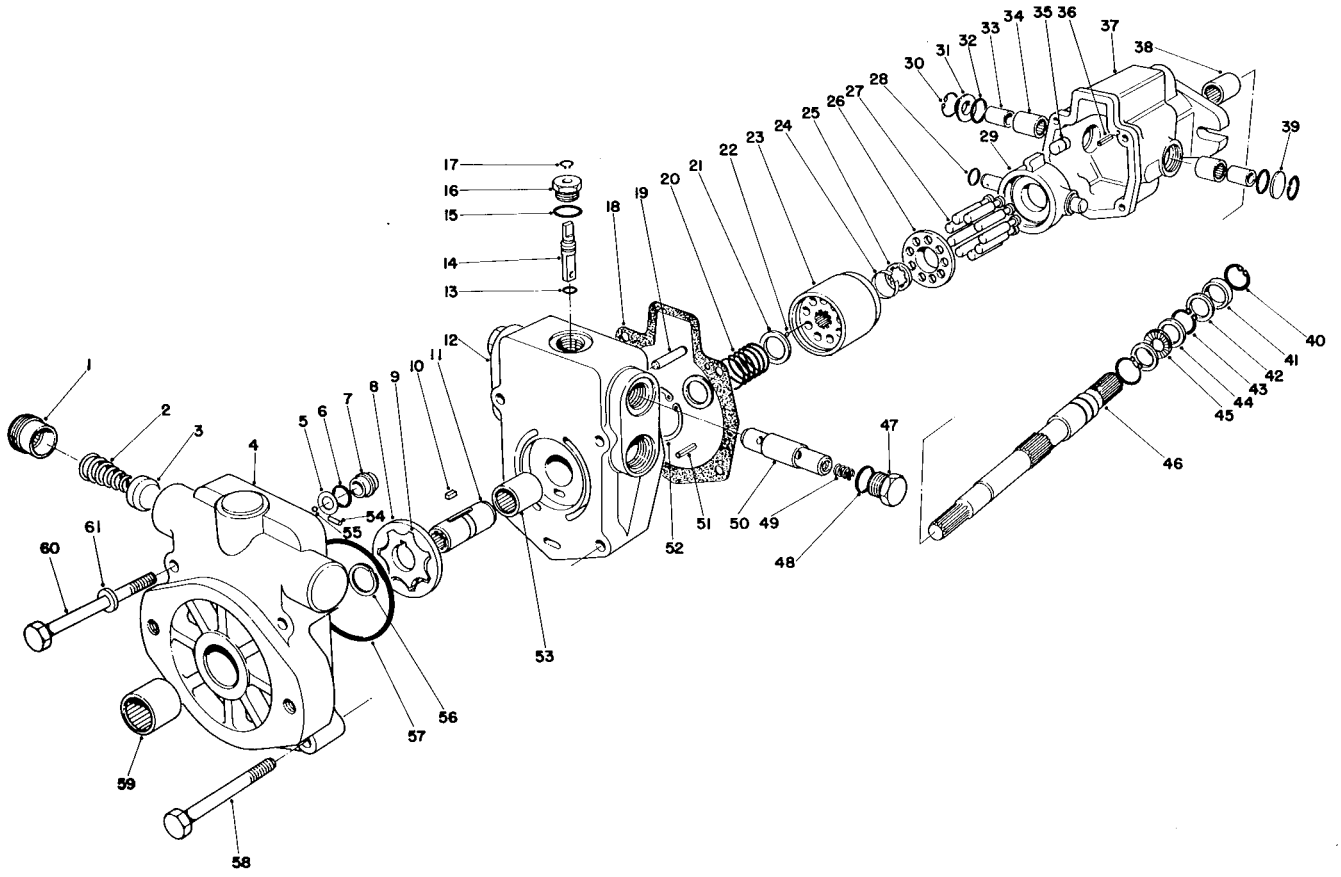


T-0034-90

ELECTRIC FUEL PUMP NO. 44-7790

Ref. No.	Part No.	Description	No. Used
1	46-6280	Magnet	1
2	46-6270	Gasket – Cover	1
3	46-6290	O-Ring – Spring Cup	1

Ref. No.	Part No.	Description	No. Used
4	46-6300	Spring – Pressure Control	1
5	46-6260	Fuel Filter	1

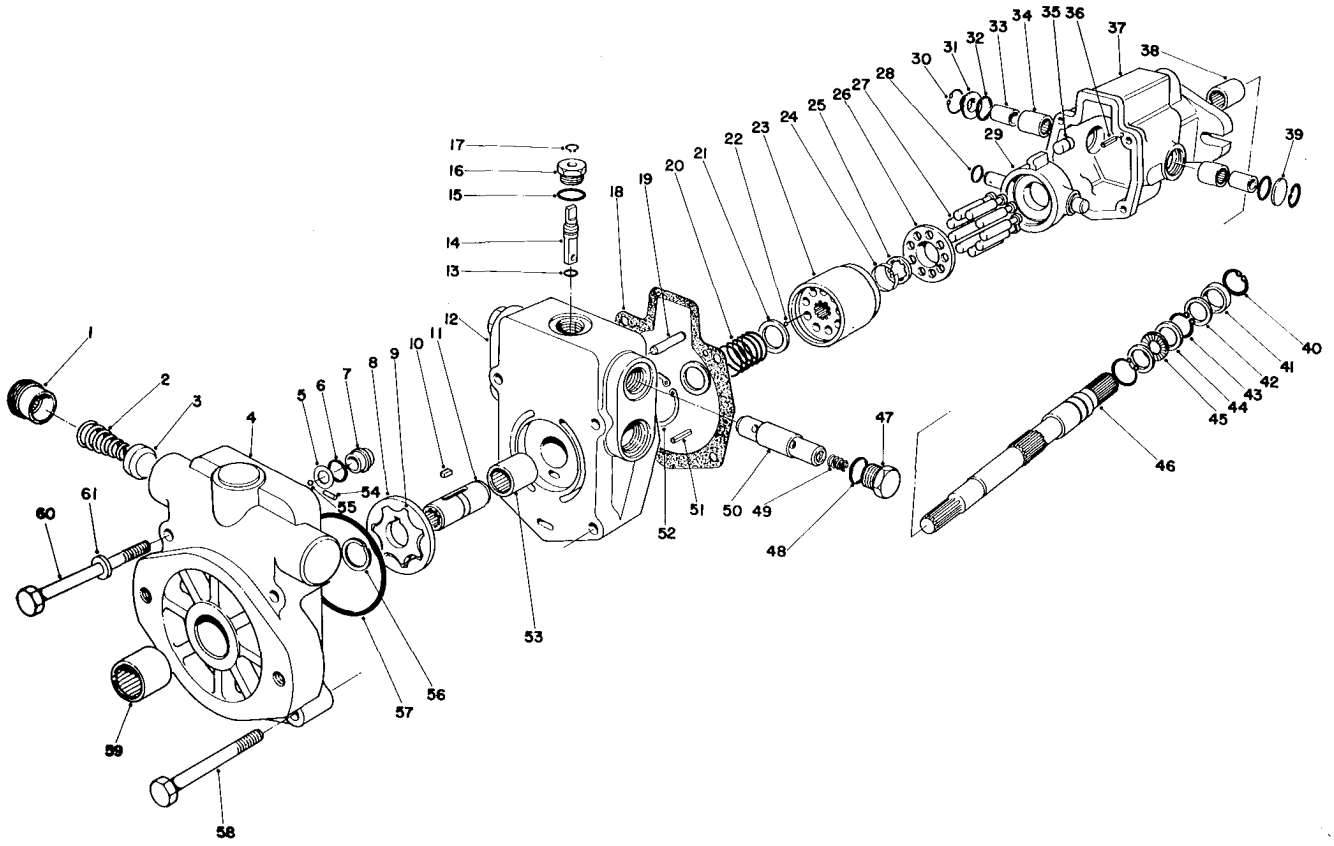


T-0035-90

PISTON PUMP NO. 38-6010

Ref. No.	Part No.	Description	No. Used
1	39-2130	Spring Retainer	1
2	39-2140	Spring	1
3	33-4990	Poppet	1
4		Charge Pump Adaptor	1
5		Washer Backup	2
6		O-Ring	2
7		Body Check Valve	2
8		Geroter, Outer Ring	1
9		Geroter, Inner Ring	1
10	33-4960	Key	1
11	33-4950	Coupler	1
12		Back Plate	1
13		O-Ring	1
14		Spreader	1
15		O-Ring	1
16		Spreader Plug	1
17		Retaining Ring	1
18		Housing Gasket	1
19		Cam Stop Rear	1
20		Spring	1
21		Washer Spring Loading	2
22		Loading Pin	3
23		Piston Block	1

Ref. No.	Part No.	Description	No. Used
24		Pin Keeper	1
25		Pivot – Spider	1
26		Spider	1
27		Piston Assembly	9
28		O-Ring	1
29	33-3780	Cam Plate	1
30	32120-74	Retaining Ring	2
31	33-3760	Sleeve Cover	1
32		O-Ring	2
33	33-3750	Inner Race	2
34	252-95	Needle Bearing	2
35		Cam Stop, Front	1
36		Roll Pin	1
37		Housing	1
38		Bearing	1
39	33-3770	Trunnion Cover	1
40	32151-13	Retaining Ring	1
41	42-2720	Seal Shaft	1
42	33-3720	Washer	1
43	32151-29	Retaining Ring	2
44	252-71	Thrust Race	2
45	252-66	Thrust Bearing	1
46	33-3730	Drive Shaft	1



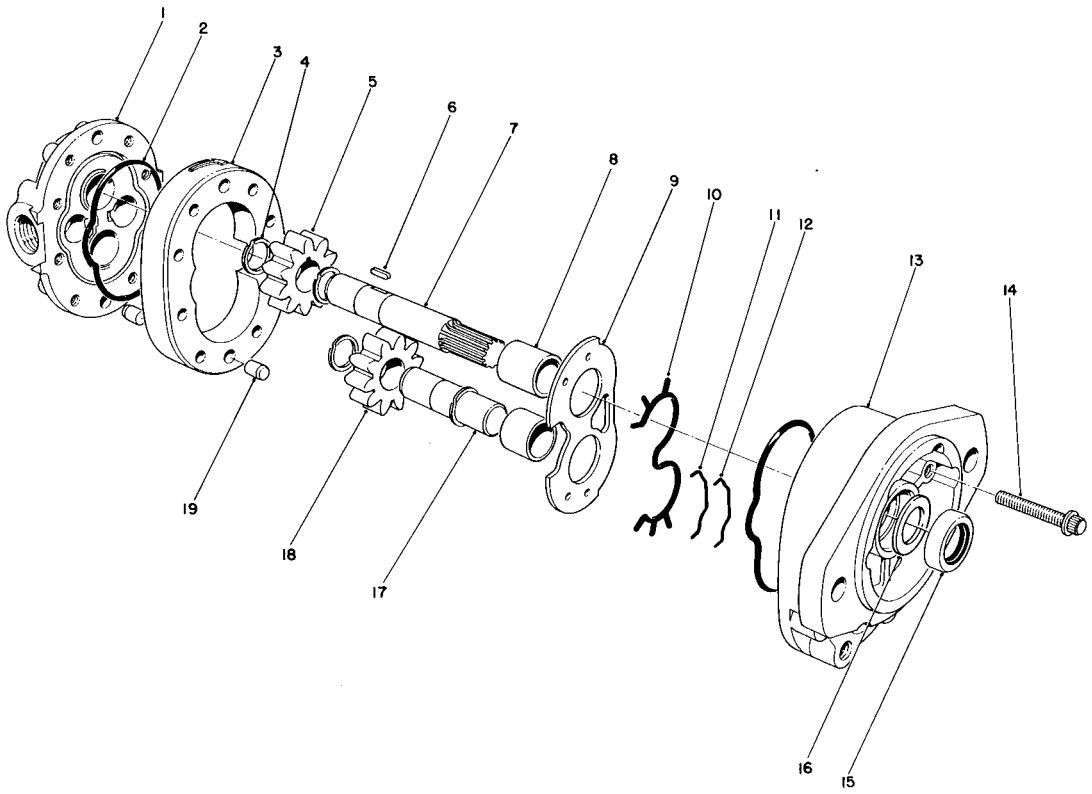
T-0035-90

PISTON PUMP NO. 38-6010 (Continued)

Ref. No.	Part No.	Description	No. Used
47	70-1240	Plug Assy. (Incl. Ref. #48 & 49)	2
48		O-Ring	2
49		Spring	2
50	70-1270	Relief Valve Assembly	2
51		Roll Pin	2
52		Retaining Ring	1
53		Bearing	1
54		Pin	2
55		Ball — Steel	2
56		Spiral Retaining Ring	2
57		O-Ring	1
58	322-20	Capscrew	2
59		Bearing	1
60	322-19	Capscrew	2
61		Washer	2
*	33-3740	Housing Assembly (Incl. Ref. #35, 37-38 & 51)	1

Ref. No.	Part No.	Description	No. Used
*	49-2910	Piston Block Assembly (Incl. Ref. #20-27 & 52)	1
*	39-2090	Back Plate Assembly (Incl. Ref. #12-17, 19, 36, 53)	1
*	39-2080	Tow Valve Assembly (Incl. Ref. #13-17)	1
*	33-4900	Gerotor & Coupler Assembly (Incl. Ref. #8-11 & 56)	1
*	33-4970	Check Valve Assembly (Incl. Ref. #5-7 & 54-55)	2
*	39-2070	Charge Pump Adaptor Assy. (Incl. Ref. #1-4 & 59)	1
*	39-2100	Seal Repair Kit (Incl. Ref. #5, 6, 13, 15, 17, 18, 28, 30, 32, 40-41, 43, 48 & 56-57)	1
*	39-2450	Trunion Shaft Seal Kit (Incl. Ref. #28, 30-32)	1

* Not Illustrated



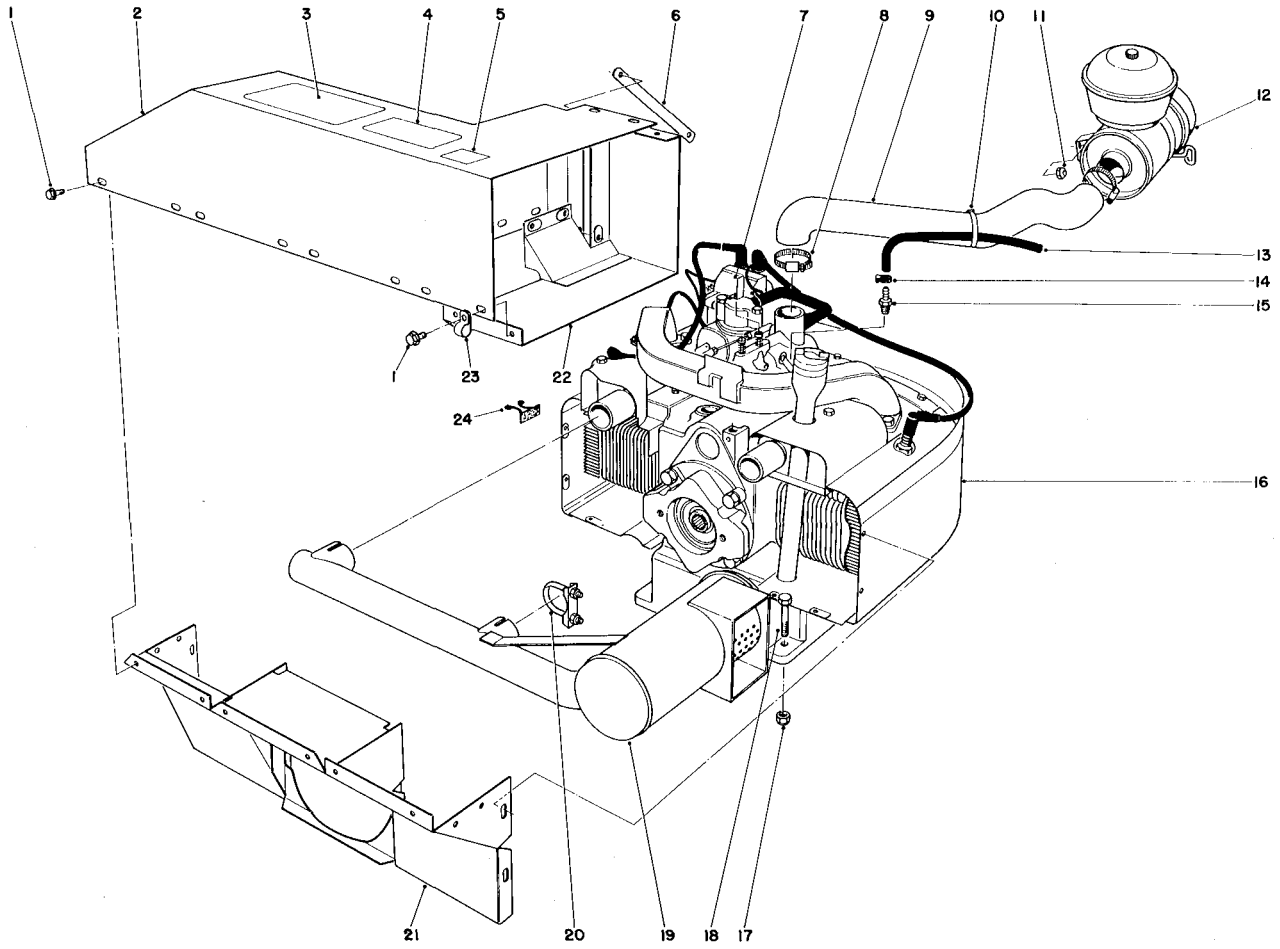
T-0036-90

GEAR PUMP NO. 49-2430

Ref. No.	Part No.	Description	No. Used
1	49-2650	Back Plate Assembly	1
2	42-3120	O-Ring	2
3	49-2710	Body Assembly (Incl. Ref. #19)	1
4		Retaining Ring	4
5		Gear	1
6		Round Key	1
7	49-2730	Drive Gear Assembly (Incl. Ref. #4-6)	1
8		Bushing	2
9	49-2670	Wear Plate	1
10	49-2690	Backup Gasket	1

Ref. No.	Part No.	Description	No. Used
11	49-2700	Bearing Seal	1
12	49-2680	Molded O-Ring	1
13	49-2660	Front Plate Assembly (Incl. Ref. #8)	1
14	42-3140	Screw – Cap Flanged 12 Point	8
15	49-2640	Seal Shaft	1
16	56-7990	Washer	1
17	49-2720	Idler Gear Assembly (Incl. Ref. #4 & 18)	1
18		Gear	1
19		Dowel Pin	4
*	49-2740	Seal Repair Kit (Incl. Ref. #2 & 9-12)	1

*Not Illustrated



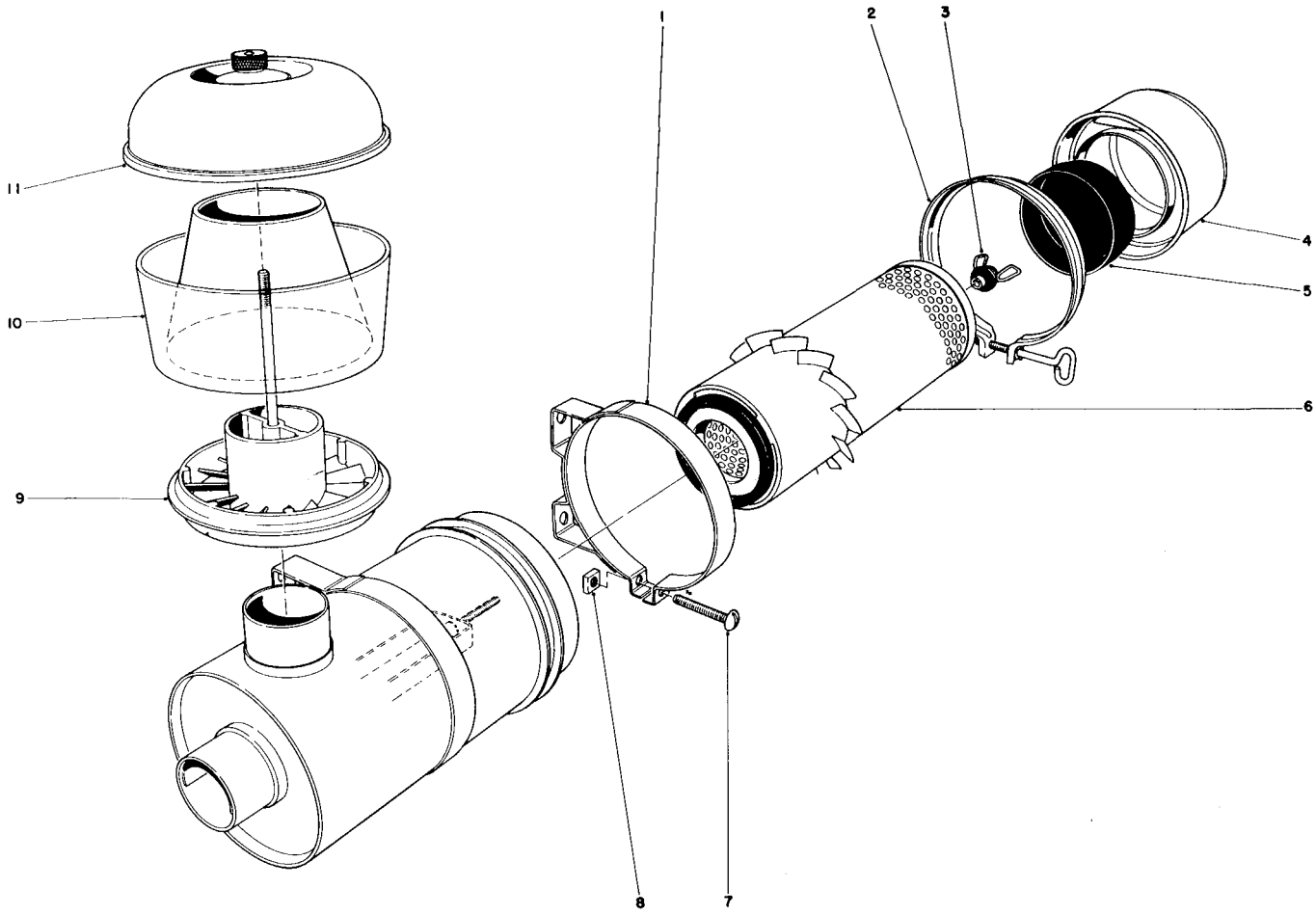
T-0037-90

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46-8560	Self Tapping Screw	25
2	42-6650	Top Duct	1
3	39-1010	Decal — Carburetor Adjustment	1
4	42-4180	Decal — Head Service	1
5	62-7290	Decal — Hot Surface	1
6	29-4200	Strap — Duct	1
7	39-2630	Clip — Carburetor Adjustment	1
8	2412-42	Hose Clamp	2
9	29-5230	Hose — Carburetor Inlet	1
10	3290-379	Cable Tie	1
11	3296-29	Locknut	4
12	8-2329	Air Cleaner Assembly	1
13	44-2670	Hose — Fuel Line	1
14	2412-36	Hose Clamp	1

Ref. No.	Part No.	Description	No. Used
15	353-702	Hose Connector	1
16	11-7999	Kohler Engine (Model K582QS Type No. PS-36315)	1
17	3296-23	Locknut	4
18	325-6	Capscrew	4
19	29-5220	Exhaust Muffler	1
20	2112-9	Muffler Clamp	2
21	38-7560	Discharge Duct — Bottom	1
22	39-0520	End Duct — Discharge	1
23	2412-39	Clamp	1
24	62-4510	Anchor — Wire Harness	1
*	37-7360	Spark Arrester Muffler (Optional)	1

* Not Illustrated



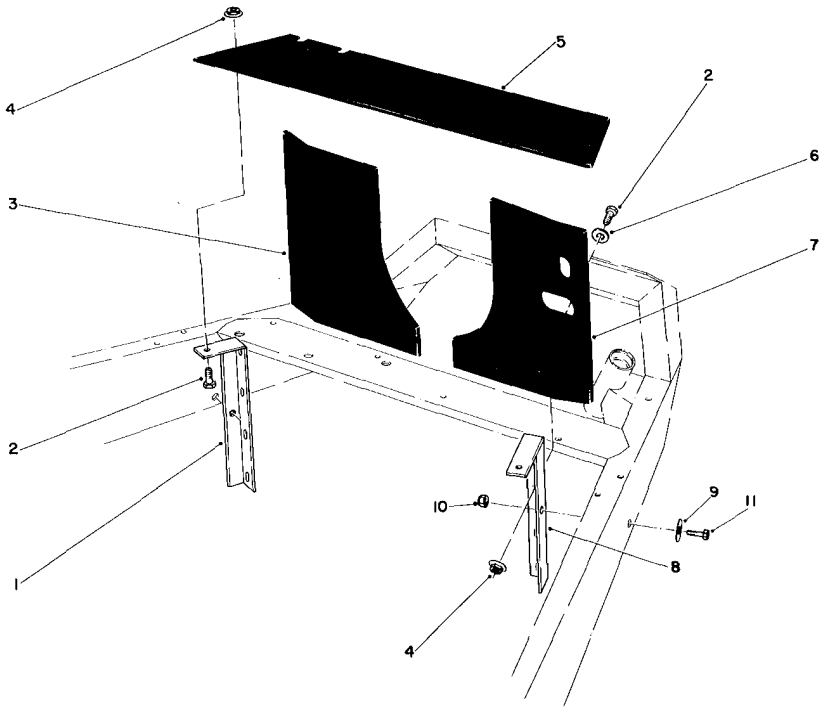
T-0019-90

AIR CLEANER ASSEMBLY NO. 8-2329

Ref. No.	Part No.	Description	No. Used
1	33-1350	Band Assembly Mounting	2
2	33-1340	Clamp Assembly	1
3	33-1330	Nut Assembly	1
4	33-1320	Cup Assembly	1
5	33-1310	Baffle	1
6	33-1300	Element Assembly	1

Ref. No.	Part No.	Description	No. Used
7	3258-19	Machine Screw	2
8	32107-11	Nut – Square	2
9	33-1280	Sleeve Assembly	1
10	33-1270	Bowl Clear	1
11	33-1260	Cover Assembly	1
*	27-7220	Air Filter Element Cleaning Detergent (4 lb. box)	A/R

*Not Illustrated

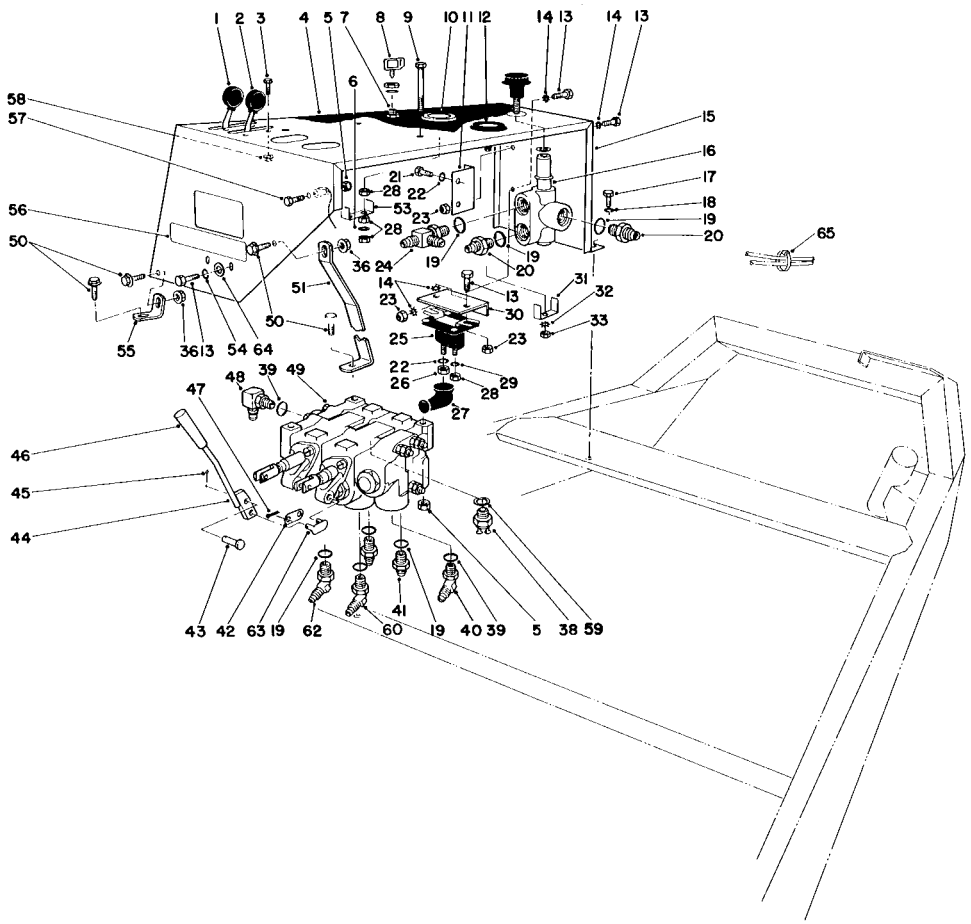


T-0038-90

ENGINE COMPARTMENT SEALS

Ref. No.	Part No.	Description	No. Used
1	46-2890	Support R.H.	1
2	321-4	Screw — Cap, Hex Hd.	10
3	46-2910	Flap — Heat R.H.	1
4	32128-10	Nut — Lock	10
5	46-2870	Flap — Top	1
6	3256-22	Washer — Flat	8

Ref. No.	Part No.	Description	No. Used
7	46-2920	Flap — Heat L.H.	1
8	46-2900	Support L.H.	1
9	28-8970	Washer — Flat	2
10	3296-39	Nut — Lock	2
11	323-20	Screw — Cap, Hex Hd.	2

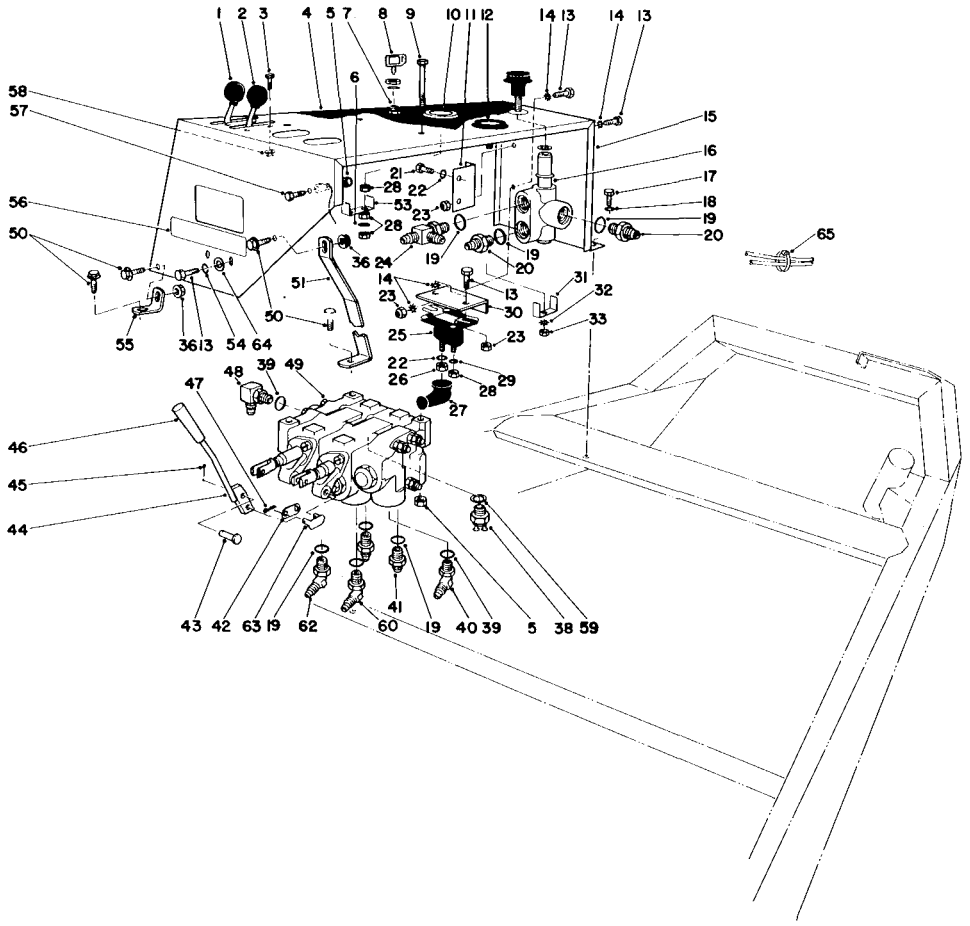


T-0039-90

INSTRUMENT PANEL AND HYDRAULIC VALVES

Ref. No.	Part No.	Description	No. Used
1	29-5180	Choke Control	1
2	29-5190	Throttle Control	1
3	3290-134	Machine Screw	4
4	36-7520	Decal — Control Panel	1
5	3296-29	Locknut	4
6	3256-21	Washer	2
7	12-8140	Ignition Switch	1
8	63-8360	Key	2
9	322-12	Capscrew	3
10	33-0990	Ammeter	1
11	29-1390	Bracket	1
12	12-9990	Hour Meter	1
13	321-3	Capscrew	8
14	3255-7	Ext. Tooth Lockwasher	4
15	38-3410	Control Panel	1
16	29-1420	Selector Valve	1
17	323-4	Capscrew	2
18	3255-9	Lockwasher	2
19	237-79	O-Ring	5
20	353-388	Straight Fitting	2
21	322-1	Capscrew	2
22	3253-4	Lockwasher	4
23	3296-42	Locknut	6

Ref. No.	Part No.	Description	No. Used
24	353-466	Tee	1
25	6-1600	Solenoid	1
26	3218-13	Jam Nut	2
27	218-331	Battery Boot	1
28	3219-14	Nut	7
29	3253-17	Lockwasher	1
30	38-6440	Bracket Solenoid	1
31	218-515	Mounting Bracket	1
32	3254-1	Lockwasher	1
33	3217-26	Nut	1
36	32128-29	Locknut	2
38	38-0430	Safety Switch	1
39	237-80	O-Ring	2
40	353-427	45° Fitting	1
41	353-465	Straight Fitting	1
42		Plate — Link	2
43	353-322	Pin	2
44	38-3800	Valve Lever	2
45	353-321	Cotter Pin	2
46	233-39	Knob	2
47		Pin — Cotter	4
48	353-426	90° Fitting	1
49	44-5230	Spool Valve	1



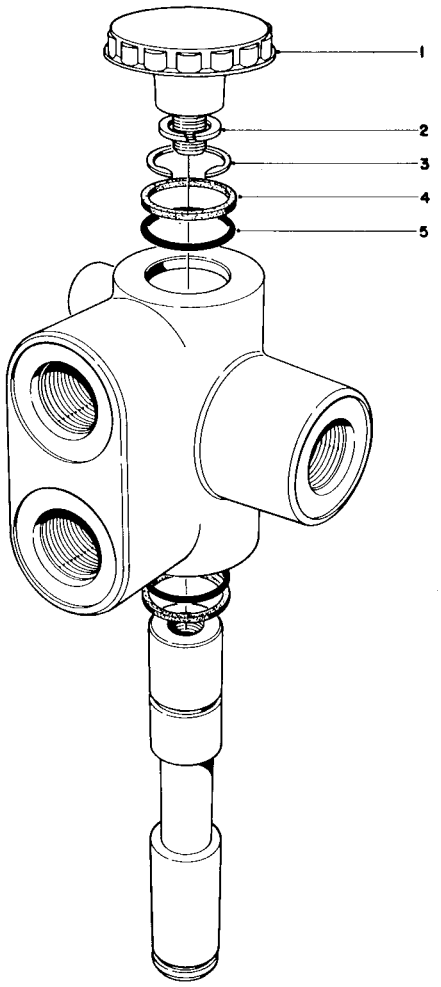
T-0039-90

INSTRUMENT PANEL AND HYDRAULIC VALVES (Continued)

Ref. No.	Part No.	Description	No. Used
50	3234-1	Capscrew — Flange Hd.	4
51	38-3350	Bracket Control Panel	1
53	39-9600	Clamp	1
54	3253-3	Lockwasher	2
55	38-3340	Mounting Bracket	1
56	29-8940	Decal — Oil Filter	1
57	322-3	Capscrew	1
58	32128-17	Flange Nut	4

Ref. No.	Part No.	Description	No. Used
59	257-1	Thrust Washer	1
60	353-776	Fitting 45°	1
62	353-379	Fitting 45°	2
63		Link — Pin	2
64	3256-22	Washer — Flat	2
65	3290-378	Cable Tie	1
*	63-8760	Link Pin — Kit (Incl. Ref. #42, 47 & 63)	2

* Not Illustrated



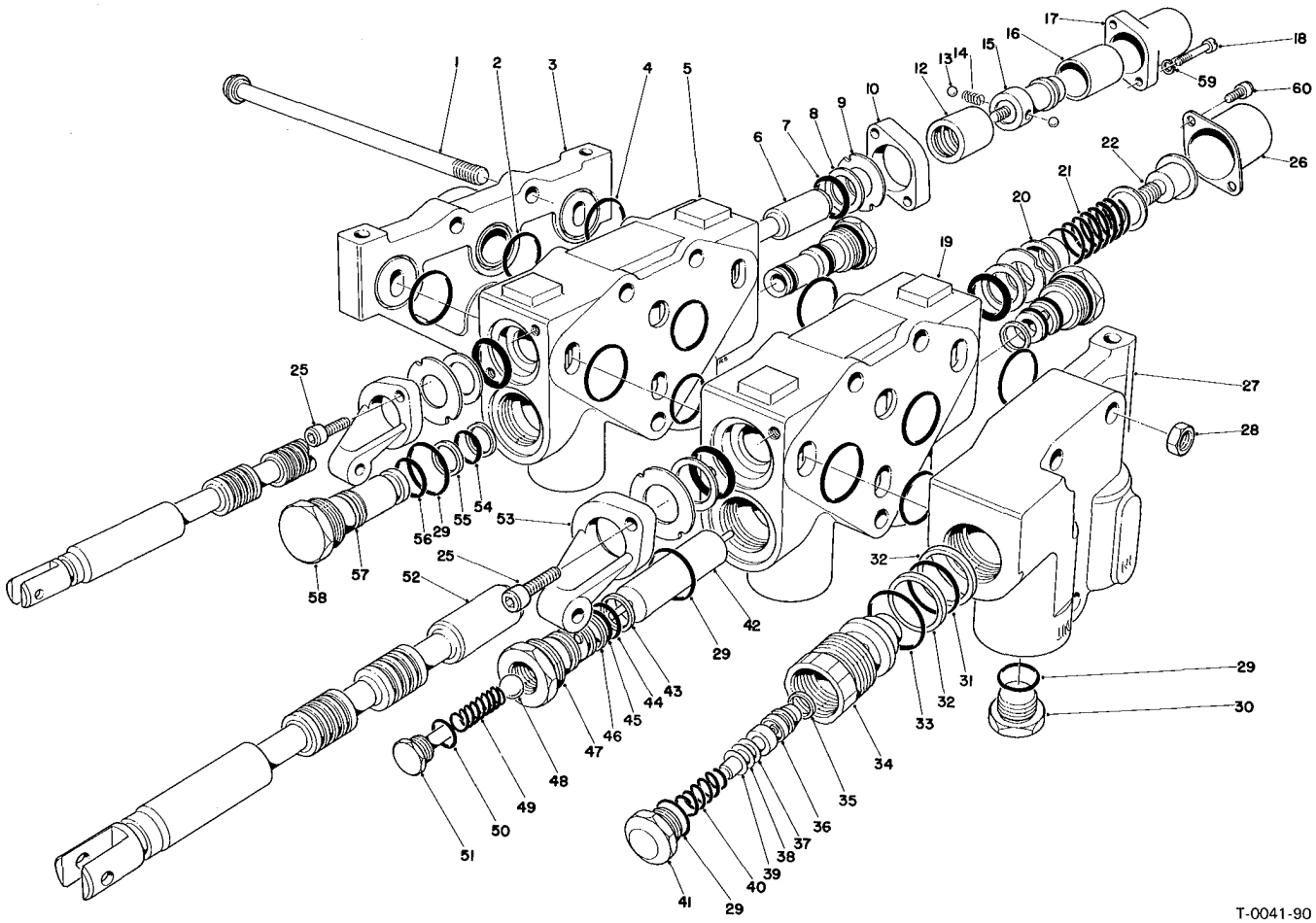
T-0040-90

SELECTOR VALVE NO. 29-1420

Ref. No.	Part No.	Description	No. Used
1	233-46	Knob	1
2	3253-5	Lockwasher	1
3	32151-50	Retainer Ring	2
4†		Washer – Backup	2
5†		O-Ring	2
*	33-1530	Seal Repair Kit (Incl. Ref. #3-5)	1

*Not Illustrated

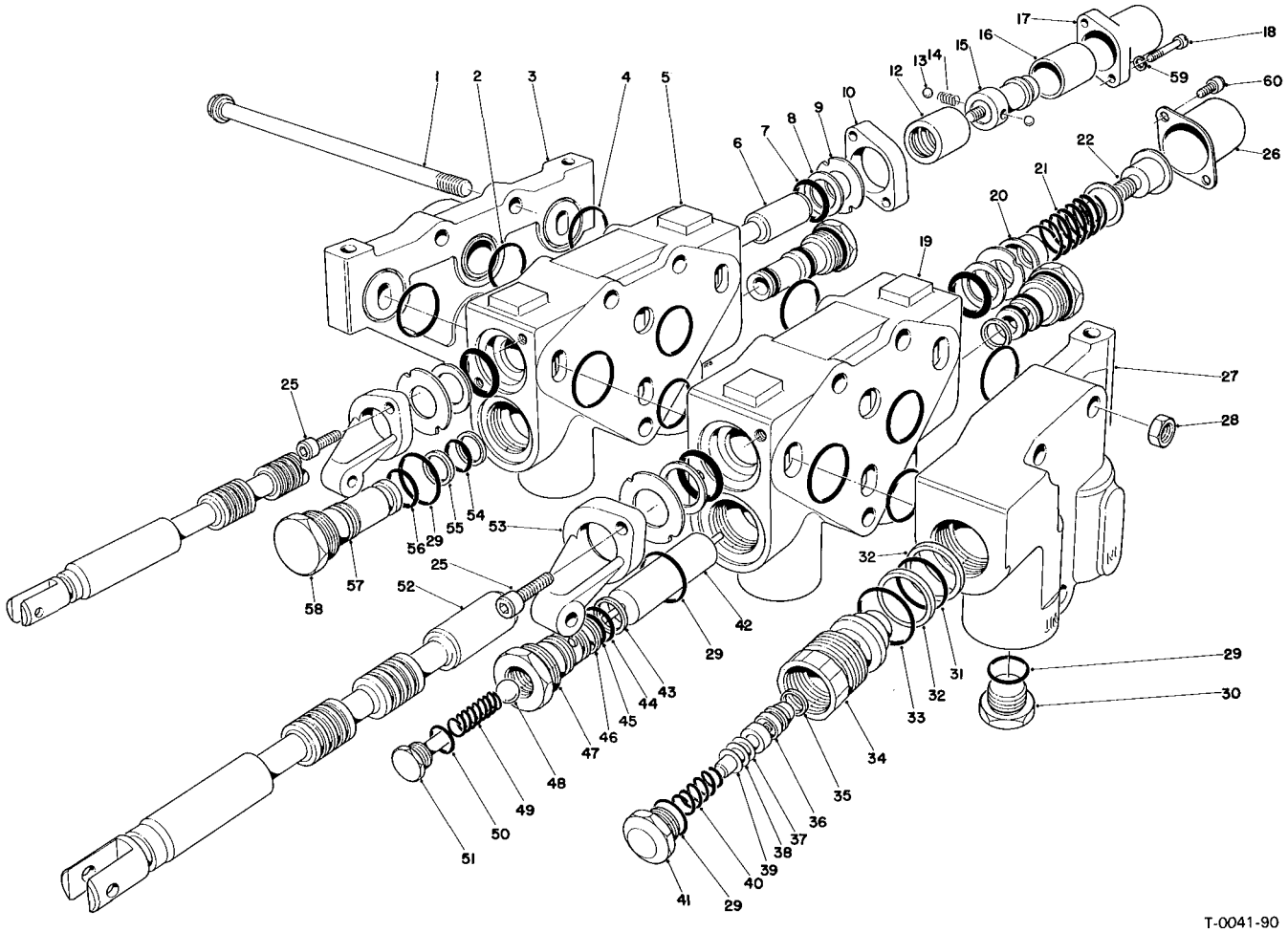
†Items only available in Seal Repair Kit No. 33-1530



HYDRAULIC VALVE NO. 44-5230

Ref. No.	Part No.	Description	No. Used
1	44-7610	Bolt — Hex, Washer Hd.	3
2		O-Ring — Valve Body	6
3	353-724	Plate — CP RE Cover	1
4		O-Ring — Valve Body	6
5	44-2360	Valve Section, V20P Complete	1
6		Spool — 4 Way	1
7	353-570	Spool Seal	4
8		Backup Washer	4
9		Retainer — Seal	4
10	353-733	Spacer — Bonnet	1
12	353-732	Sleeve — Detent 3-Position	1
13	353-731	Ball .25 Dia.	2
14	353-730	Spring	1
15	353-729	Stud — CP Detent	1
16	353-728	Sleeve	1
17	353-727	Bonnet SPecial	1
18	353-752	Screw	2
19	44-2350	Valve Seciton V20P Lockout Complete	1
20	353-417	Collar	2
21	44-7650	Spring	1
22	52-5860	Spool Collar	1

Ref. No.	Part No.	Description	No. Used
25	52-5900	Screw — Hex Socket Hd.	4
26	68-4240	Bonnet	1
27	44-7620	Casting — V20 L.E. Cover	1
28	3219-3	Nut — Hex	3
29	237-80	O-Ring	6
30	353-721	Plug (Incl. Ref. #29)	1
31	353-758	O-Ring	1
32	353-759	Seal Backup	2
33	353-331	O-Ring	1
34	353-760	Relief Body	1
35	353-392	Seal Relief Poppet	1
36		Poppet — Relief Seal	1
37	353-330	Washer Shim .010	A/R
38	353-329	Washer Shim .020	A/R
39	353-328	Washer Shim .040	A/R
40	353-719	Spring — Relief	1
41	353-334	Cap — Relief	1
42	44-2400	Piston — Unlocking	1
43	44-7640	Washer — Backup	2
44	353-302	Seal — O-Ring	2
45	353-305	Seal — O-Ring	2
46	353-306	Washer Backup	2



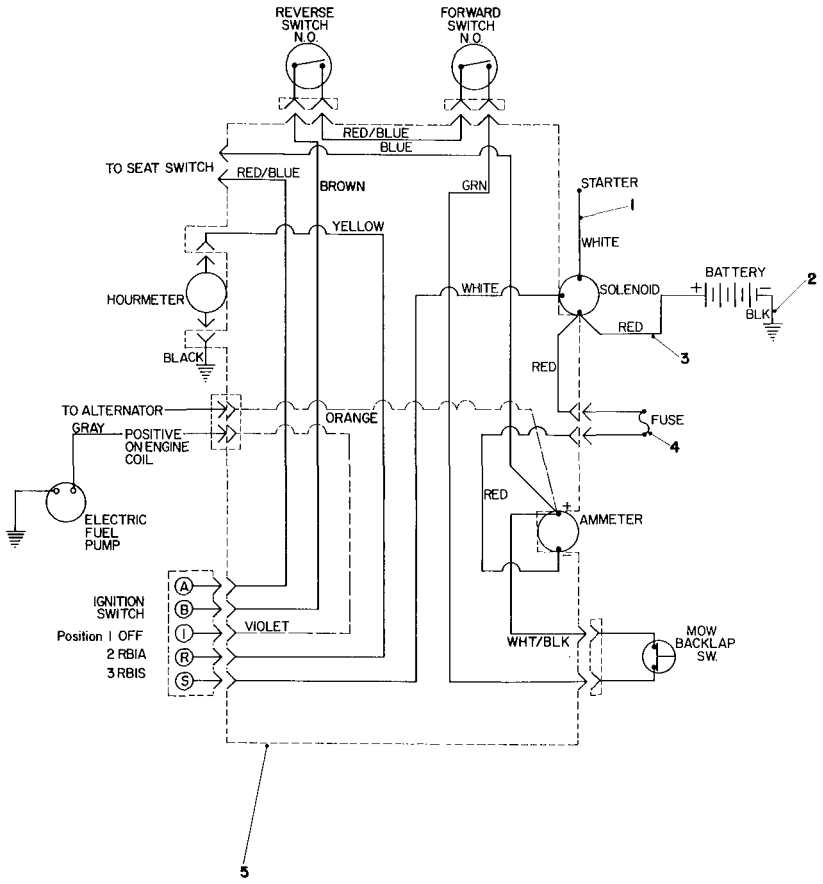
T-0041-90

HYDRAULIC VALVE NO. 44-5230 (Continued)

Ref. No.	Part No.	Description	No. Used
47	353-738	Body — Lock Check	2
48	353-737	Ball — Check	2
49	353-736	Spring	2
50	237-86	Seal — O-Ring	2
51	353-735	Cap — Body	2
52		Spool — 4 Way	1
53	353-324	Handle Bracket	2
54	353-302	Seal — Backup	2
55	353-303	Seal — Backup	2
56	353-305	O-Ring Seal	2
57	353-306	Seal — Backup	2
58	44-7660	Plug Check	2
59	353-751	Washer	2
60	353-976	Screw	2
*	353-766	Relief Cartridge Assy. 2000 P.S.I.	1

Ref. No.	Part No.	Description	No. Used
*	353-739	Seal Kit (Check Assy.) (Incl. Ref. #29 & 43-46 & 50)	2
*	353-740	Section Seal Kit (Incl. Ref. #2 & 4)	1
*	353-531	Relief Poppet Assembly (Incl. Ref. #35 & 36)	1
*	353-515	Spool Seal Kit (Incl. Ref. #7-9)	4
*	353-743	Load Lock Seal Kit (Incl. Ref. #29 & 54-57)	2
*	353-481	Lift Check Plug (Incl. Ref. #29 & 54-57 & 58)	2
*	353-723	Load Locknut Assembly (Incl. Ref. #29 & 43-51)	2
*	44-7670	Seal Kit W H Relief (Incl. Ref. #29 & 31-33)	1

* Not Illustrated



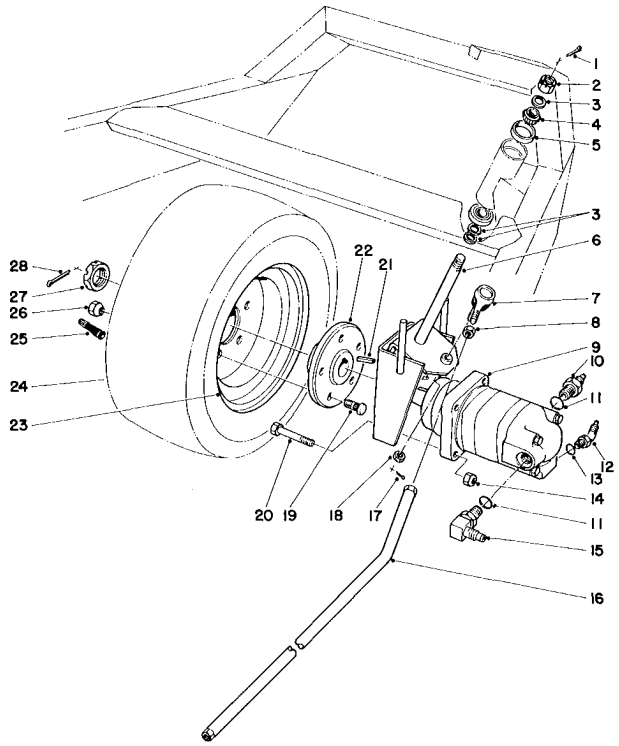
T-0042-90

WIRE SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	38-6690	Wire — Solenoid to Starter	1
2	49-7050	Wire — Battery to Ground	1
3	49-7060	Wire — Battery to Solenoid	1

Ref. No.	Part No.	Description	No. Used
4	218-489	Fuse — Holder	1
*†		Fuse — 30 Amp	1
5	53-4560	Wire Harness	1

*Not Illustrated
†Obtain Locally

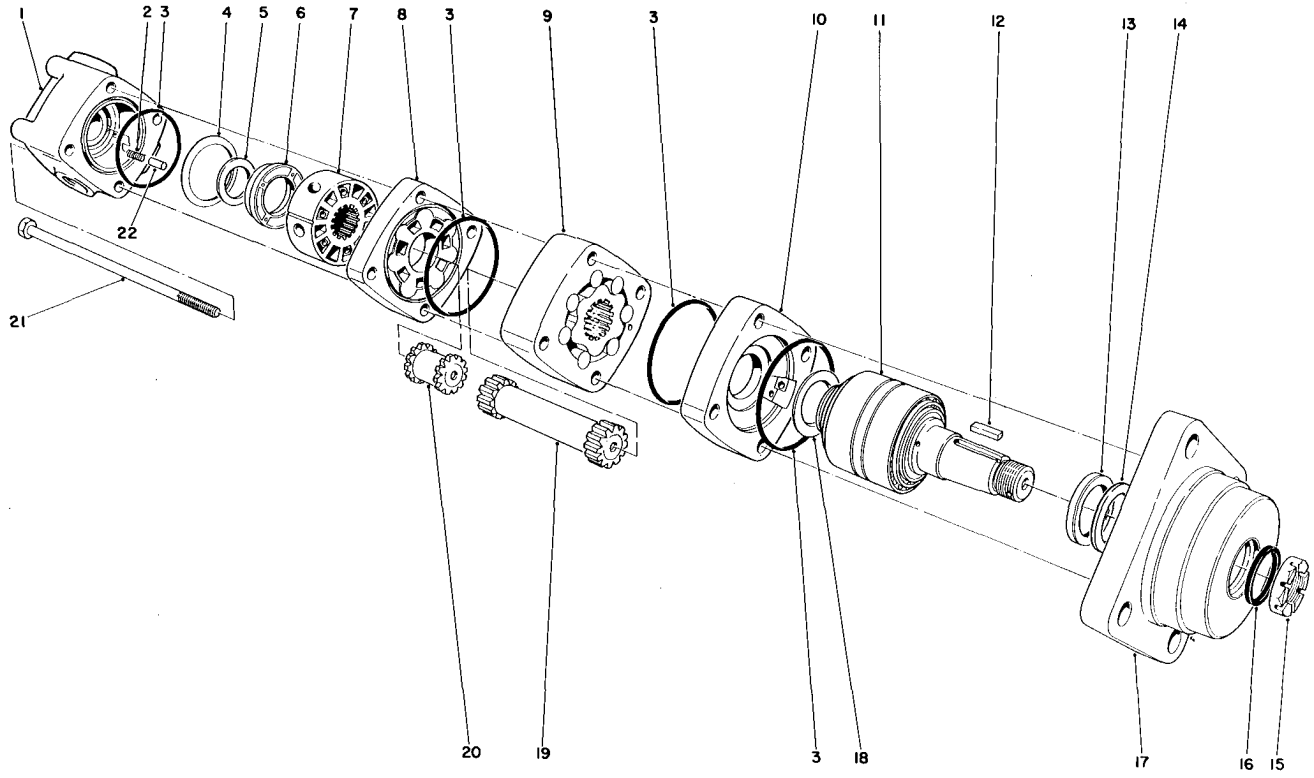


T-0043-90

REAR WHEEL AND MOTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3272-37	Cotter Pin	1
2	32136-9	Nut	1
3	18-6320	Washer	3
4	254-70	Cone w/Seal	2
5	254-61	Cup	2
6	29-2000	Spindle	1
7	21-0140	Socket Assembly R.H.	1
8	3220-5	Nut	1
9	56-6900	Motor	1
10	353-433	Straight Fitting	1
11	237-80	O-Ring	2
12	353-375	90° Fitting	1
13	237-78	O-Ring	1
14	3296-23	Locknut	4

Ref. No.	Part No.	Description	No. Used
15	353-426	90° Fitting	1
16	29-2110	Steering Tube	1
17	3272-6	Cotter Pin	1
18	32136-4	Slotted Nut	1
19	242-34	Drive Stud	5
20	325-7	Capscrew	4
21	11-5790	Key	1
22	29-2080	Hub Rear Wheel	1
23	217-107	Wheel	1
24	231-103	Tire	1
25	232-27	Valve Stem w/Cap	1
26	23-7270	Nut	5
27	11-5800	Nut	1
28	3272-13	Cotter Pin	1



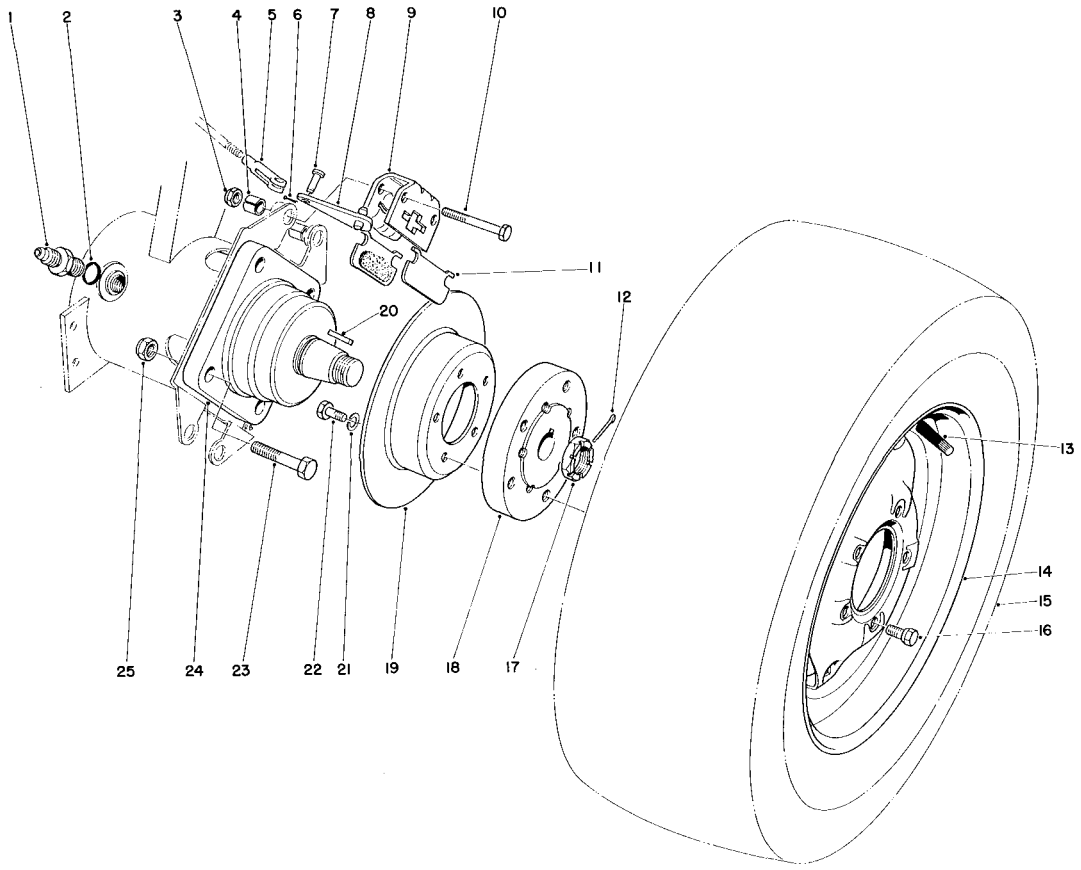
T-0044-90

REAR WHEEL MOTOR NO. 56-6900

Ref. No.	Part No.	Description	No. Used
1†		Housing — Valve	1
2	33-3410	Spring	2
3		Seal	4
4		Seal — Outer Face	1
5		Seal — Inner Face	1
6	33-3440	Plate — Balancing	1
7	56-6830	Valve	1
8	56-6840	Plate — Valve	1
9†		Geroler Assembly	1
10	56-6870	Plate — Wear	1
11†		Shaft Sub Assembly	1
12	11-5790	Key	1

Ref. No.	Part No.	Description	No. Used
13		Seal — Shaft	1
14		Washer — Backup	1
15	11-5800	Nut — Slotted	1
16		Seal — Dust	1
17	56-6850	Housing — Bearing	1
18		Seal — Shaft Face	1
19	36-6250	Drive	1
20	36-6260	Valve — Drive	1
21	57-6020	Bolt — Hex. Hd.	4
22	33-3570	Pin	2
*	56-6890	Seal Repair Kit (Incl. Ref. #3-5, 13, 14, 16 & 18)	1

*Not Illustrated
†Order Complete Motor

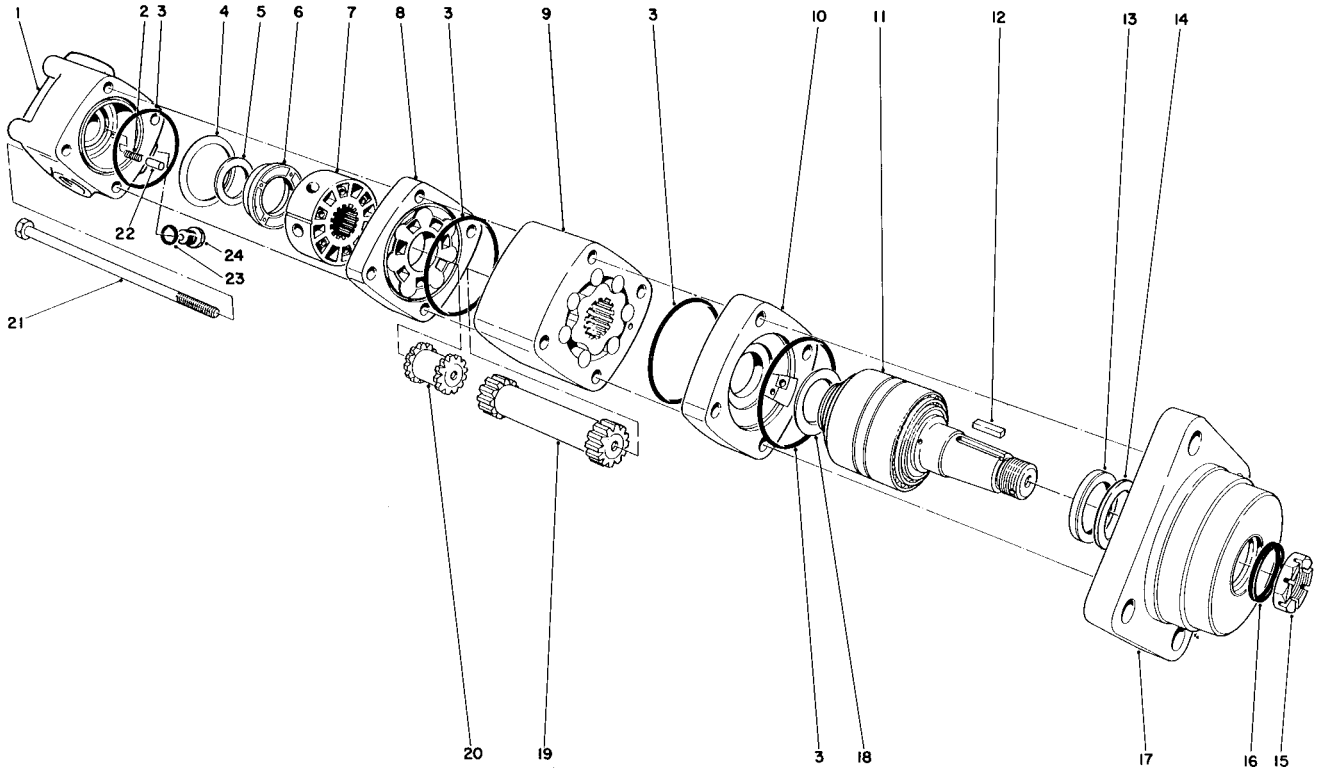


T-0045-90

FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	353-433	Straight Fitting	4
2	237-80	O-Ring	2
3	32153-2	Locknut	4
4	39-3790	Spacer – Roller Split	4
5	282-2	Yoke	2
6	3272-4	Cotter Pin	2
7	283-26	Clevis Pin	2
8	29-1070	Lever Assembly – Actuating	2
9	29-1060	Bracket – Secondary	2
10	323-14	Capscrew	4
11	29-1080	Stator Assembly	4
12	3272-13	Cotter Pin	2
13	232-27	Valve Stem w/Cap	2

Ref. No.	Part No.	Description	No. Used
14	38-3360	Wheel	2
15	231-101	Tire	2
16	217-74	Wheel Bolt	10
17	11-5800	Slotted Nut	2
18	29-1020	Hub – Front Wheel	2
19	29-1040	Rotor	2
20	11-5790	Key	2
21	3253-4	Lockwasher	10
22	322-3	Capscrew	10
23	325-7	Capscrew	8
24	56-6800	Motor	2
25	3296-23	Locknut	8



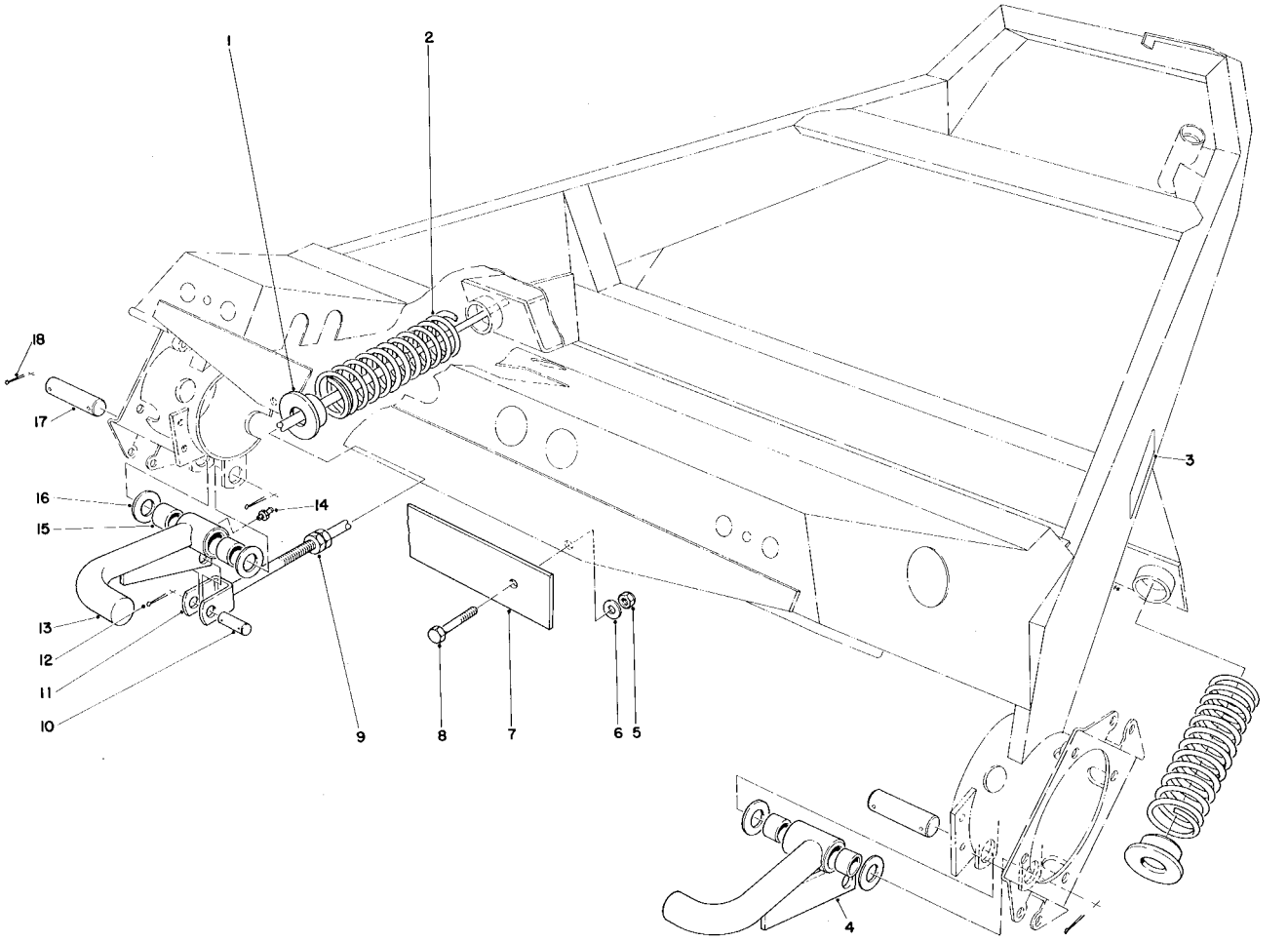
T-0046-90

FRONT WHEEL MOTOR NO. 56-6800

Ref. No.	Part No.	Description	No. Used
1†		Housing — Valve	1
2	33-3410	Spring	2
3		Seal	4
4		Seal — Outer Face	1
5		Seal — Inner Face	1
6	33-3440	Plate — Balancing	1
7	56-6830	Valve	1
8	56-6840	Plate — Valve	1
9†		Geroler Assembly	1
10	56-6870	Plate — Wear	1
11†		Shaft Sub Assembly	1
12	11-5790	Key	1
13		Seal — Shaft	1

Ref. No.	Part No.	Description	No. Used
14		Washer — Backup	1
15	11-5800	Nut — Slotted	1
16		Seal — Dust	1
17	56-6850	Housing — Bearing	1
18		Seal — Shaft Face	1
19	36-6270	Drive	1
20	36-6260	Valve — Drive	1
21	57-6030	Bolt — Hex. Hd.	4
22	33-3570	Pin	2
23	237-115	Seal — O-Ring	1
24	33-3585	Plug Assembly (Incl. Ref. #23)	1
*	56-6890	Seal Repair Kit (Incl. Ref. #3-5, 13, 14, 16, 18 & 23)	1

*Not Illustrated
†Order Complete Motor

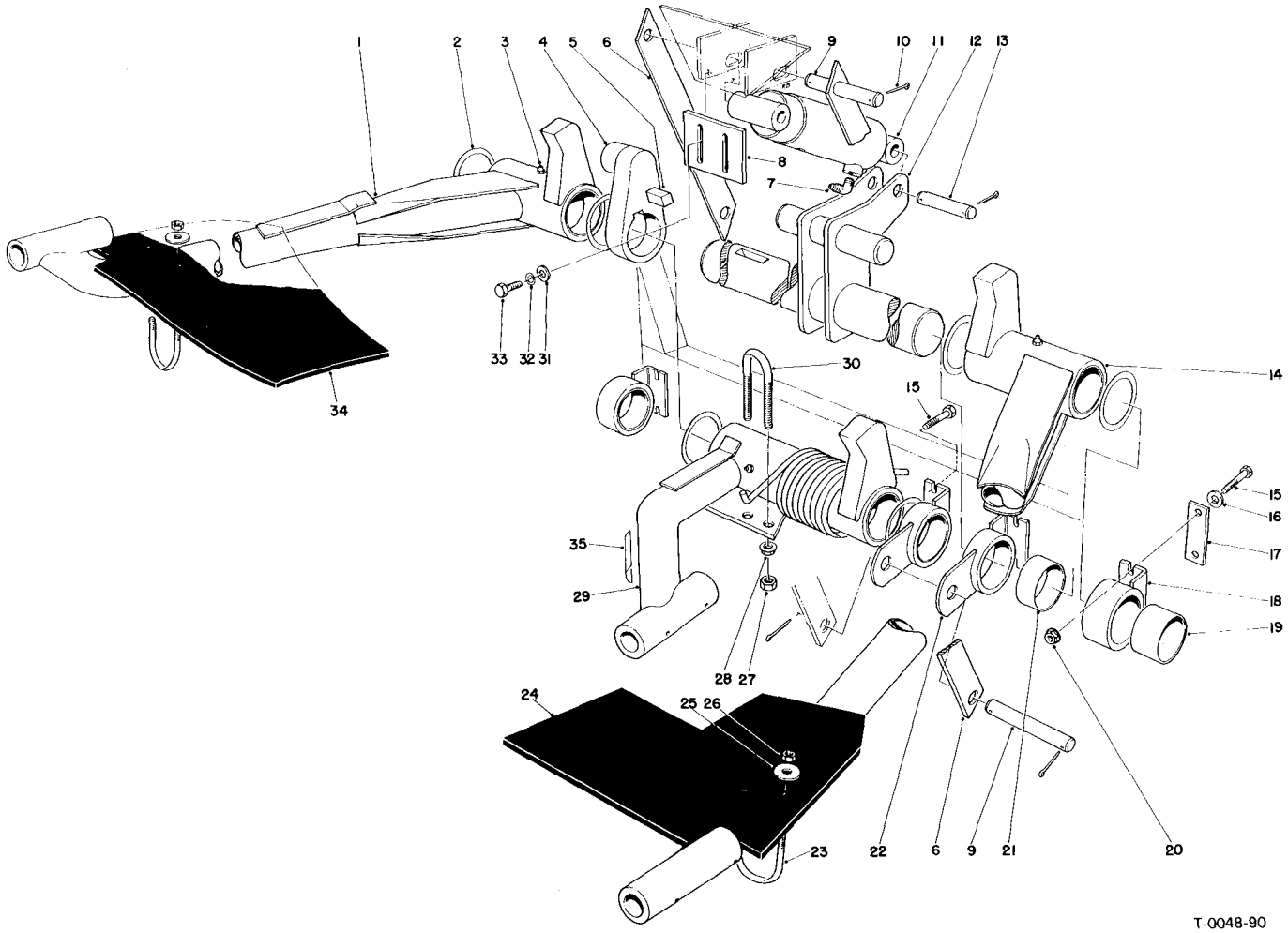


T-0047-90

COUNTERBALANCE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	29-5140	Bracket Spring	2
2	20-9420	Spring — Compression	2
3	67-1720	Decal — Torque	2
4	29-5100	Arm — Counterbalance L.H. (Incl. Ref. #14 & 15)	1
5	3296-23	Locknut	2
6	21-1790	Washer	2
7	36-4920	Wear Plate	1
8	325-5	Capscrew	2
9	3220-7	Jam Nut	4

Ref. No.	Part No.	Description	No. Used
10	29-5170	Pin Counterbalance	2
11	29-5060	Rod — Transfer	2
12	3272-22	Cotter Pin	4
13	29-5090	Arm — Counterbalance R.H. (Incl. Ref. #14 & 15)	1
14	302-5	Grease Fitting	2
15	256-261	Bushing	4
16	29-2770	Thrust Washer	4
17	29-5160	Pivot Pin	2
18	3272-24	Cotter Pin	4

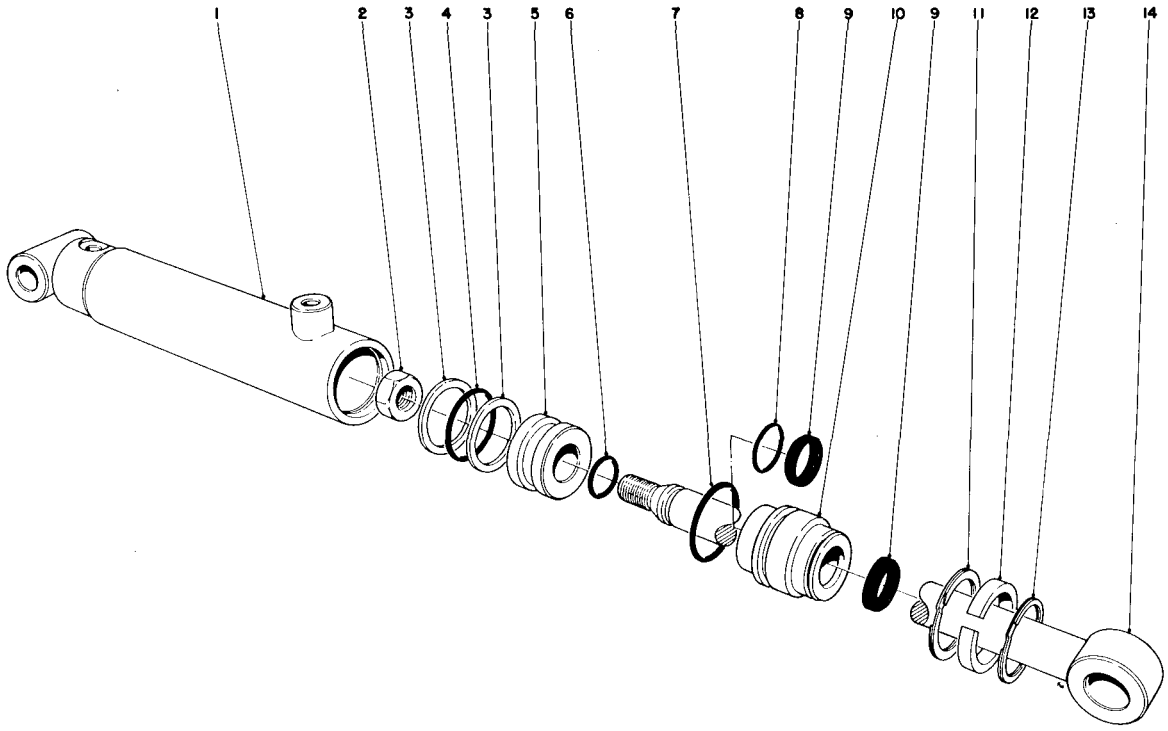


T-0048-90

PUSH ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	29-2530	R.H. Push Arm (Incl. Ref. #3 & 19)	1
2	29-2710	Washer — Thrust	A/R
3	302-5	Grease Fitting	3
4	39-8960	Lift Arm	1
5	29-2600	Key	1
6	29-2660	Support — Lift Cylinder	2
7	11-9800	90° Fitting	2
8	56-2590	Plate Adjustment	1
9	29-2680	Pin Lift Cylinder Top	2
10	3272-22	Cotter Pin	6
11	29-2700	Cylinder	1
12	29-2730	Lift Shaft	1
13	29-2670	Pin Lift Cylinder Lower	1
14	29-2780	L.H. Push Arm (Incl. Ref. #3 & 19)	1
15	323-14	Capscrew	8
16	29-8950	Washer	8
17	29-8980	Spacer	4
18	29-2570	Bracket Pivot Tube	2

Ref. No.	Part No.	Description	No. Used
19	29-2520	Bushing	6
20	32128-29	Flange Locknut	8
21	29-3260	Bushing	2
22	29-3240	Bracket — Pivot Tube Center (Incl. Ref. #21)	2
23	2112-10	Muffler Clamp	2
24	38-4280	Grass Deflector L.H.	1
25	39-0600	Washer	4
26	3217-6	Nut	4
27	3217-7	Nut	2
28	32128-18	Flange Nut	2
29	12-3469	Center Push Arm (Incl. Ref. #3, 19 & 35)	1
30	29-2720	U-Bolt	1
31	3256-24	Flat Washer	2
32	3253-21	Lockwasher	2
33	323-4	Capscrew	2
34	38-4290	Grass Deflector R.H.	1
35	61-3610	Decal — Warning	1



T-0049-90

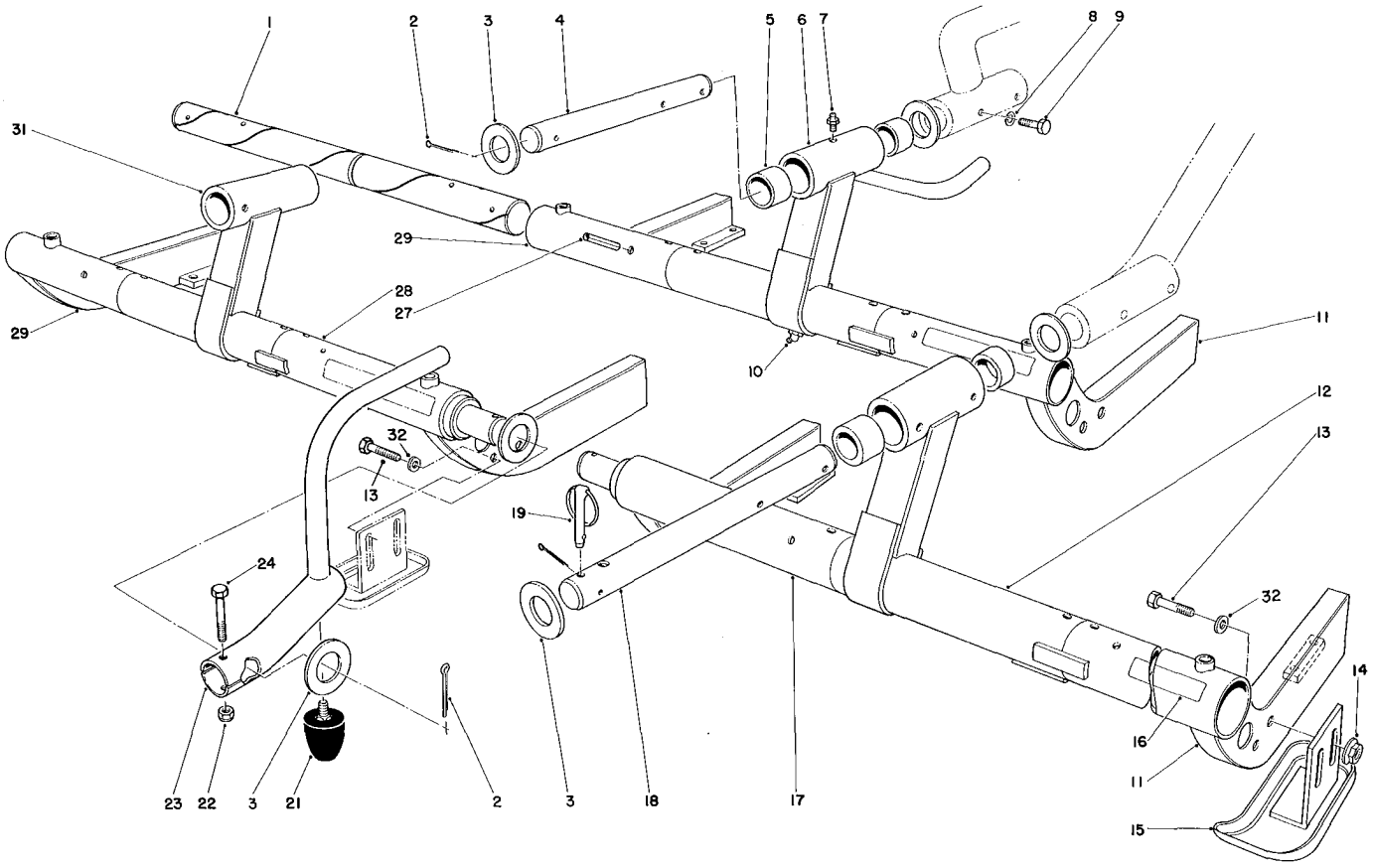
HYDRAULIC CYLINDER NO. 29-2700

Ref. No.	Part No.	Description	No. Used
1	33-3610	Tube Assembly	1
2	32153-10	Locknut	1
3†		Washer Backup	2
4†		O-Ring Piston	1
5	33-3630	Piston	1
6†		O-Ring Rod	1
7†		O-Ring Head	1
8†		O-Ring Seal	1

Ref. No.	Part No.	Description	No. Used
9†		Rod Wiper	2
10	33-3680	Head Assembly	1
11†		Lock Ring Head — Internal	1
12	33-3650	Spacer	1
13	32151-53	Lock Ring — External	1
14	33-3670	Rod Assembly	1
*†	33-3620	Seal Repair Kit (Incl. Ref. #3-4, 6-9 & 11)	1

* Not Illustrated

† Items only available in Seal Repair Kit No. 33-3620



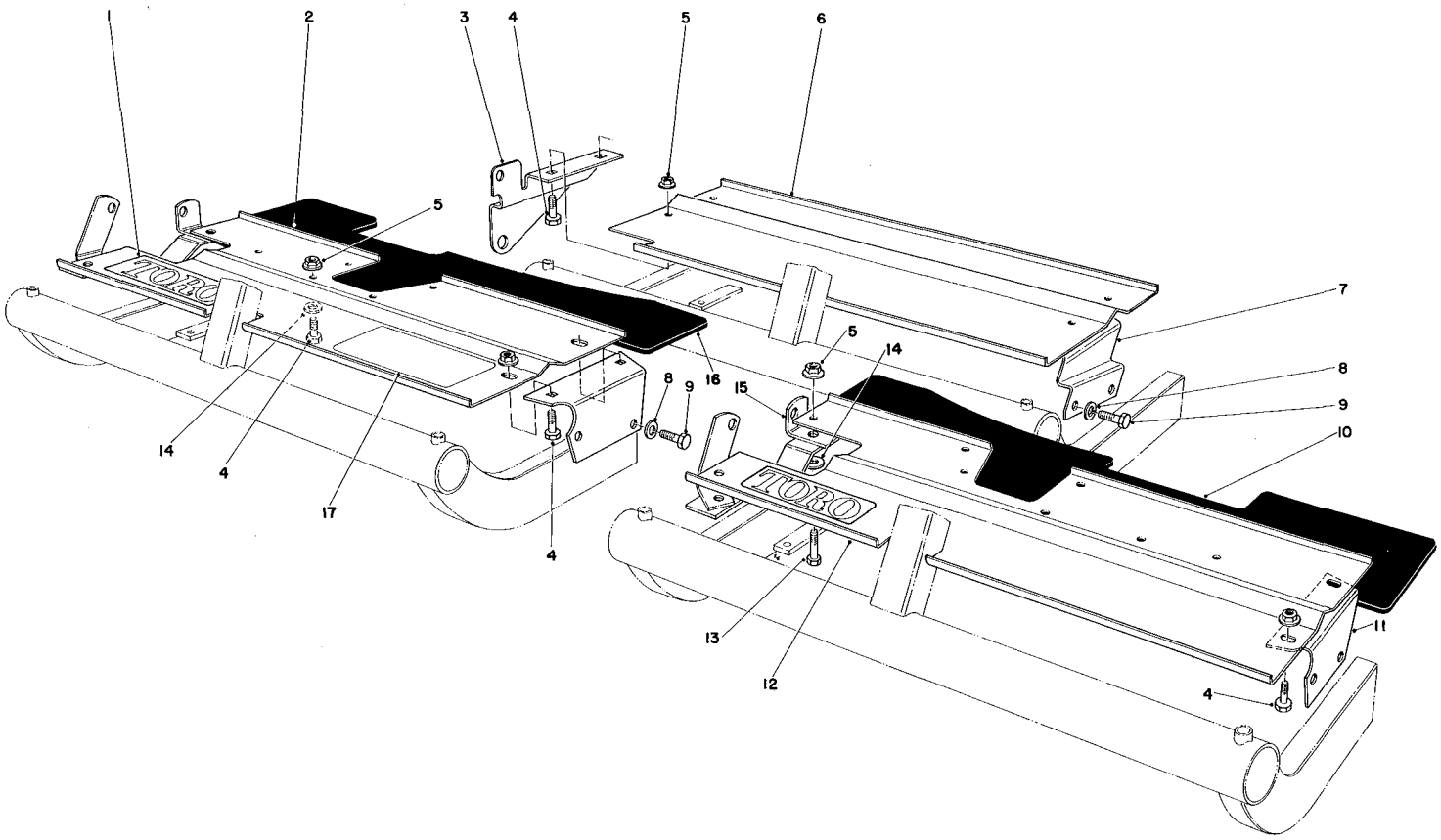
T-0050-90

CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	52-1700	Shaft Pivot	3
2	3272-50	Cotter Pin	5
3	29-2770	Washer Thrust	10
4	49-2530	Shaft — Center Pivot	1
5	256-261	Bushing	6
6	52-1720	Pivot #1 Carrier (Incl. Ref. #5)	1
7	302-5	Grease Fitting	3
8	3253-7	Lockwasher	6
9	325-5	Capscrew	6
10	302-11	Grease Fitting	3
11	49-7170	Frame L.H. #1 & 2 Carrier	2
12	52-1730	Pivot #2 Carrier (Incl. Ref. #5)	1
13	323-10	Capscrew	12
14	3290-357	Nut — Lock	12
15	29-3170	Skid	6

Ref. No.	Part No.	Description	No. Used
16	67-7960	Decal — Warning	3
17	49-7220	Frame R.H. #2 Carrier	1
18	49-2540	Shaft — Front Pivot	2
19	36-5110	Ball — Lok Pin	2
21	26-0070	Snubber — Rubber	2
22	32153-3	Nut — Lock	2
23	67-7810	Tipper Bar R.H. (Incl. Ref. #24)	1
*	67-7820	Tipper Bar L.H. (Incl. Ref. #24)	1
24	322-10	Screw — Cap, Hex Hd.	2
27	32121-110	Roll Pin	18
28	49-7180	Frame L.H. #3 Carrier	1
29	49-7210	Frame R.H. #1 & #3 Carrier	2
31	52-1740	Pivot #3 Carrier (Incl. Ref. #5)	1
32	3256-24	Flat Washer	12

* Not Illustrated

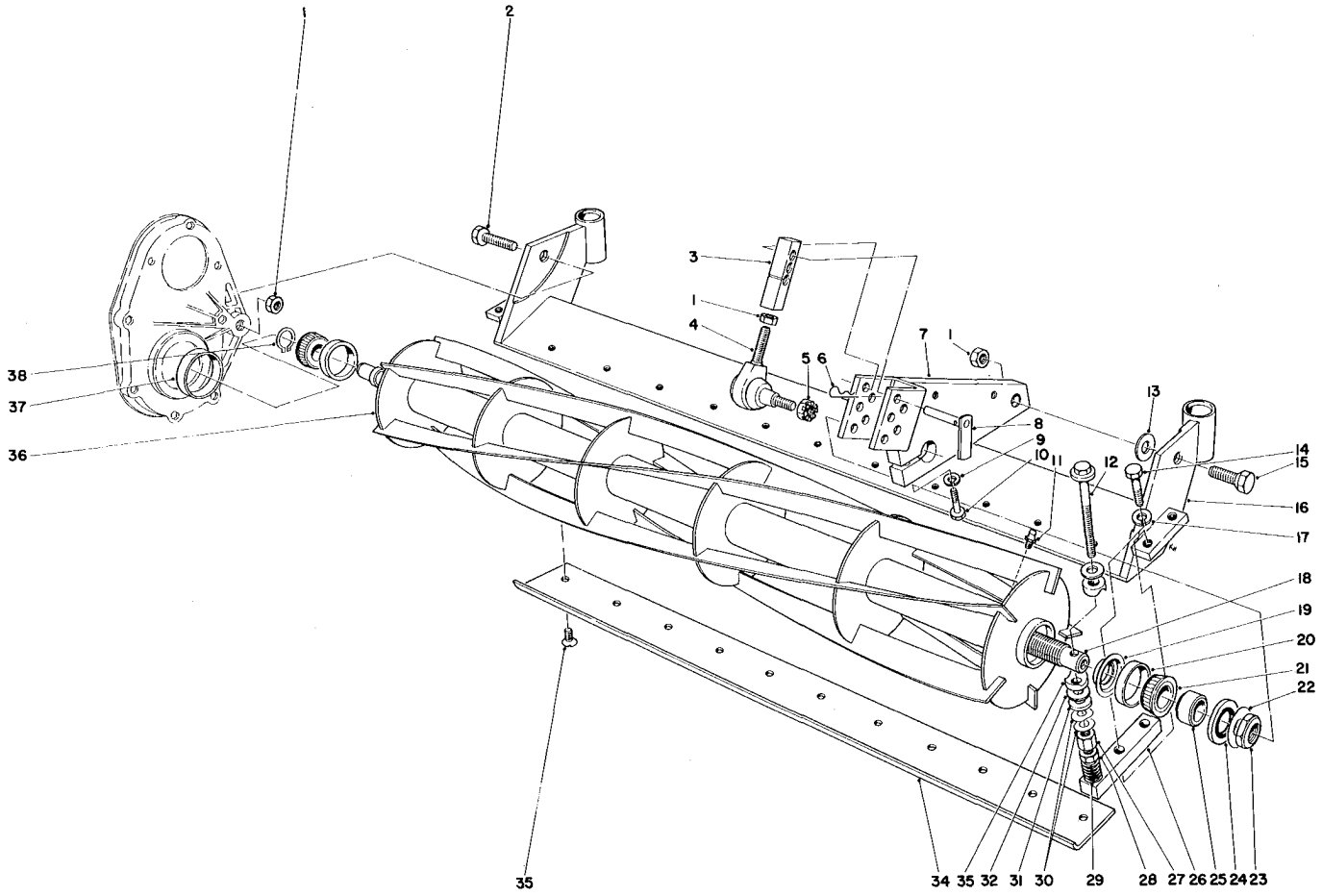


T-0051-90

GRASS SHIELD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-1300	Decal — Toro Logo	2
2	49-7230	Grass Shield — Right Front (7-Blade)	1
3	29-2650	Bracket — Center Shield	1
4	322-4	Capscrew	20
5	32128-13	Flanged Locknut	24
6	29-2920	Grass Shield Center	1
7	29-2890	Bracket — Gras Shield	1
8	3253-24	Lockwasher	6
9	322-2	Capscrew	6

Ref. No.	Part No.	Description	No. Used
10	38-7650	Grass Shield — Left Front	1
11	29-2990	Bracket — Grass Shield	2
12	49-7240	Grass Shield — Left Front (7-Blade)	1
13	322-6	Capscrew	4
14	39-0600	Washer	16
15	42-1930	Bracket Grass Shield	2
16	38-7640	Grass Shield — Right Front	1
17	46-7210	Decal — Height of Cut	1

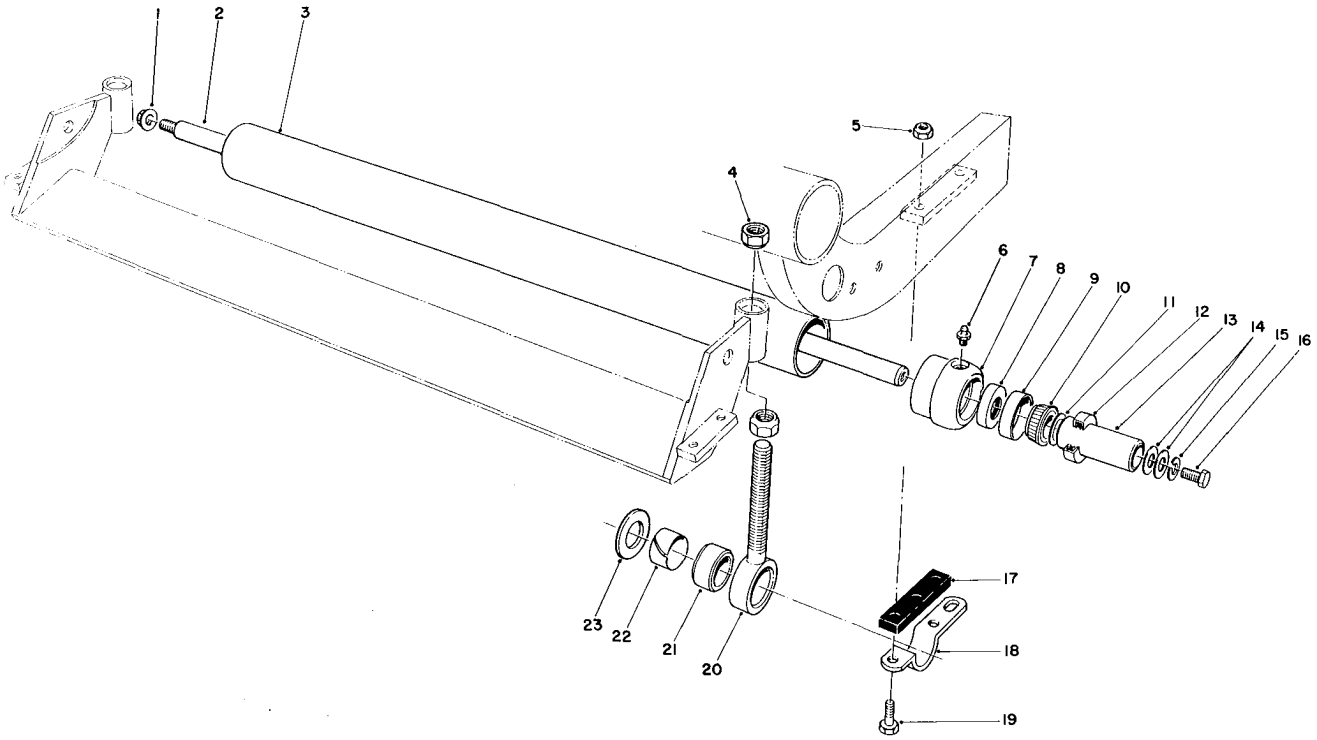


T-0052-90

REEL AND BED BAR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3220-5	Jam Nut	3
2	29-3720	Taper Bolt	1
3	46-6620	Bar Height of Cut	1
4	21-0140	Socket Assembly R.H.	1
5	32136-4	Slotted Nut	1
6	3290-255	Hair Pin Cotter	1
7	29-3680	Reel Side Plate	1
8	43-8640	Pin Height of Cut	1
9	3253-24	Lockwasher	1
10	322-6	Capscrew	1
11	302-5	Grease Fitting	1
12	42-2210	Screw Reel Adjustment	2
13	29-3990	Washer	1
14	323-7	Capscrew	4
15	29-3730	Taper Bolt L.H.	1
16	39-0670	Bed Bar	1
17	3253-21	Lockwasher	4
18	29-3420	Reel Shaft	1
19	29-3440	Grease Retainer	1
20	254-79	Bearing Cup	2

Ref. No.	Part No.	Description	No. Used
21	254-78	Bearing Cone	2
22	37-0230	Seal Protecting Washer	1
23	3296-15	Locknut	1
24	253-117	Seal	1
25	5-4038	Wear Sleeve	1
26	29-3920	Block — Reel Adjustment	2
27	3219-3	Nut	2
28	3220-3	Jam Nut	2
29	36-4680	Protector — Adjustment Screw	2
30	3290-414	Washer — Belleville	4
31	29-3910	Washer — Thrust	2
32	251-273	Bearing — Thrust	4
33	29-3930	Washer — Thrust	4
34	39-0730	Bedknife	1
35	57-4910	Screw Special	11
36	33-5040	7 Blade Reel Assembly Model 03590 (Incl. Ref. #11, 18-25 & 37-38)	1
37	36-9920	Wear Ring	1
38	32120-93	Retaining Ring	1



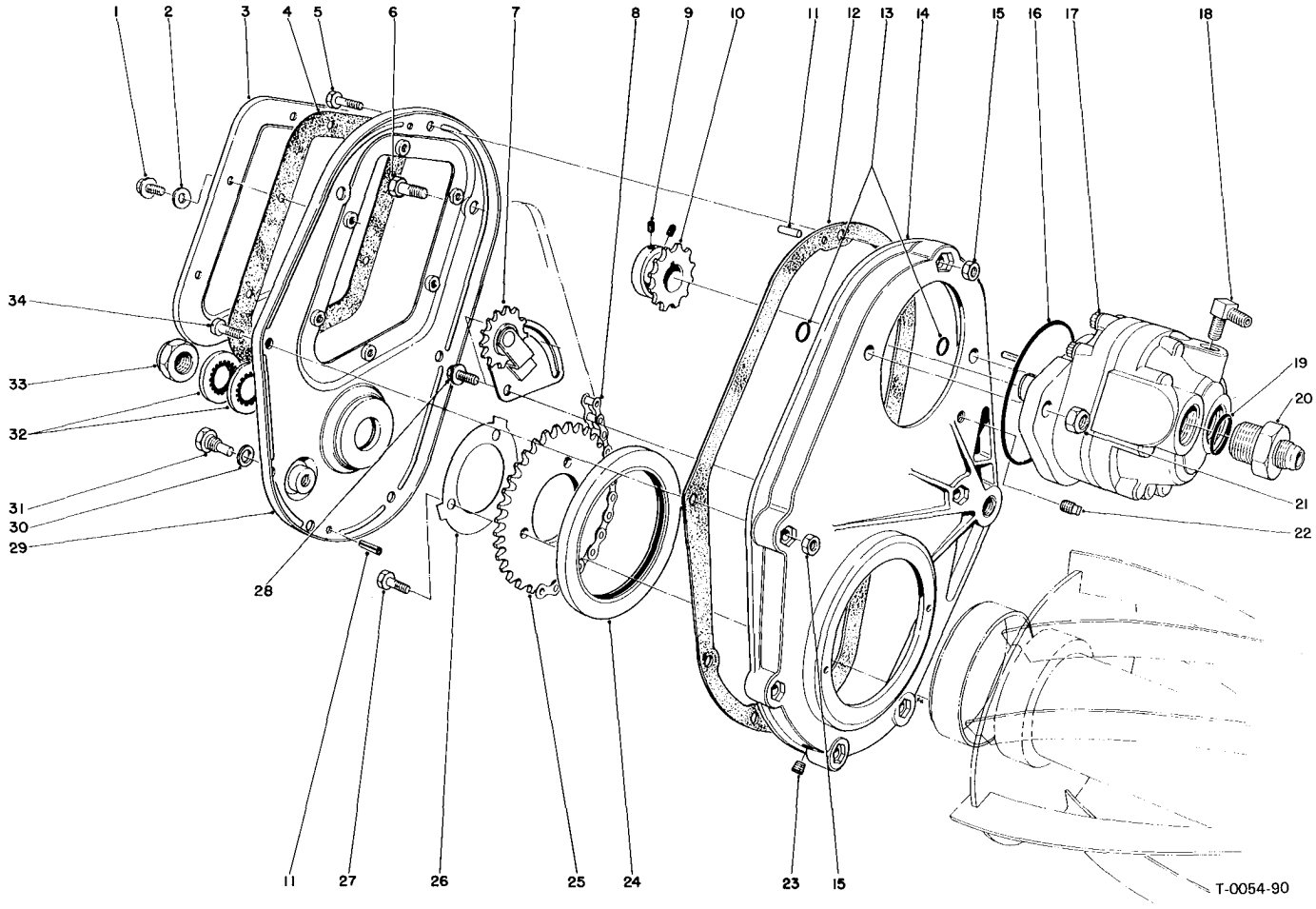
T-0053-90

ROLLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128-31	Flange Nut	1
2	29-3850	Roller Shaft	1
3	29-3800	Roller Assembly (Incl. Ref. #1-2, 6-16)	1
4	217-104	Tapernut	4
5	3296-39	Locknut	4
6	302-5	Grease Fitting	2
7	4-4659	End Cap – Rear Roller (Incl. Ref. #8 & 9)	2
8	253-122	Seal	2
9	254-79	Bearing Cup	2
10	254-78	Bearing Cone	2
11	47-7510	Washer Nylon	2

Ref. No.	Part No.	Description	No. Used
12	253-117	Seal	2
13	29-3900	Wear Sleeve – Roller	2
14	3256-26	Washer	2
15	3253-7	Lockwasher	1
16	3213-20	Capscrew	1
17	49-7350	Cushion Roller	1
18	49-7410	Clamp Roller	2
19	323-8	Capscrew	4
20	11-3949	Rod End Assembly (Incl. Ref. #21 & 22)	2
21	42-0330	Roller Bushing	2
22	42-2590	Bushing Nylon	2
23	3-0481	Washer	2

Note: Quantities indicated are for one Roller Assembly.

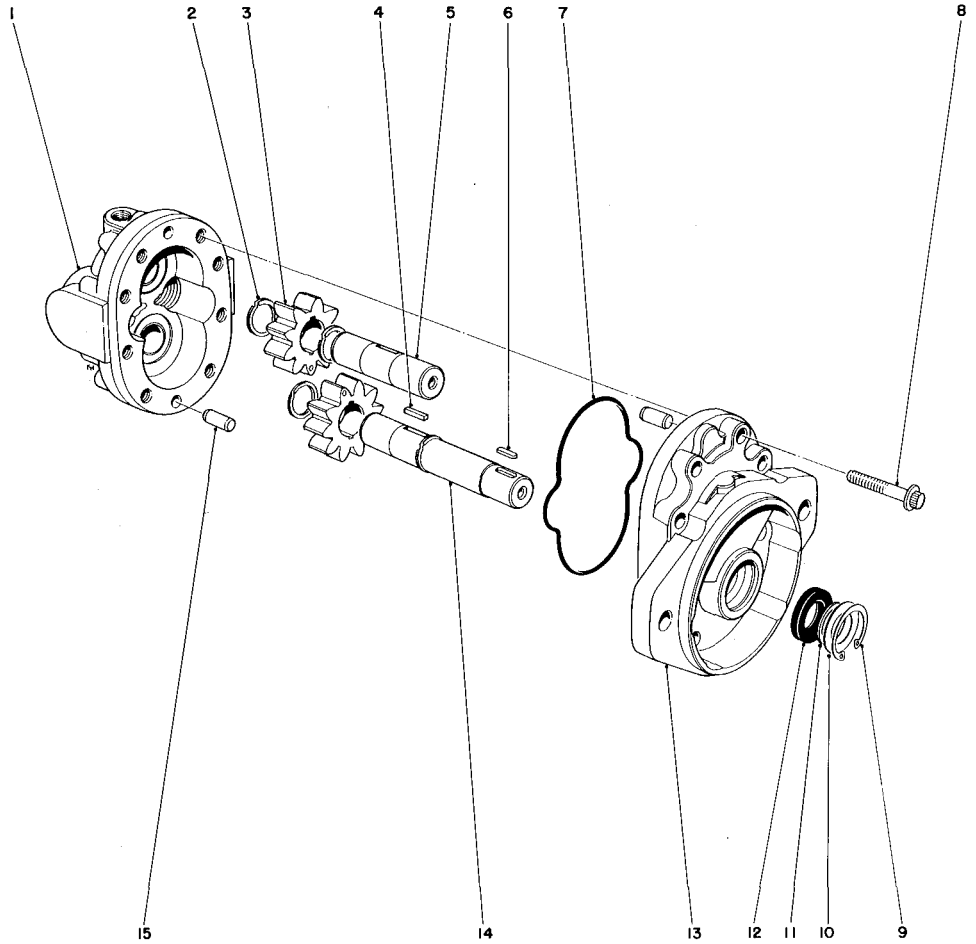


CHAIN CASE AND GEAR MOTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-13	Flange Screw	6
2	29-3970	Washer — Polyethylene	6
3	46-8720	Inspection Cover	1
4	46-8750	Gasket — Inspection Cover	1
5	321-8	Capscrew	1
6	323-12	Capscrew	2
7	41-9160	Idler Assembly	1
8	49-7080	Roller Chain #35	1
9	3245-32	Set Screw	2
10	29-3760	Sprocket (12 Teeth)	1
11	48-1720	Pin — Solid	2
12	46-7080	Gasket Chain Case	1
13	237-22	O-Ring	2
14	33-1550	Chain Case	1
15	32153-4	Locknut	6
16	237-99	O-Ring	1
17	39-7710	Hydraulic Motor	1

Ref. No.	Part No.	Description	No. Used
18	353-622	90° Fitting	1
19	237-81	O-Ring	2
20	353-620	Straight Fitting	2
21	3296-39	Locknut	2
22	281-7	Plug	1
23	281-12	Pipe Plug	1
24	253-141	Seal	1
25	29-3470	Sprocket Driven (32 Teeth)	1
26	29-3480	Locking Clip	1
27	321-3	Capscrew	3
28	3234-14	Flange Screw	2
29	46-8740	Cover — Chain Case	1
30	46-7470	Sealing Washer	1
31	42-2220	Plug Fill — Magnetic	1
32	44-8490	Washer — Seal	2
33	3296-15	Locknut	1
34	321-13	Capscrew	5

Note: Quantities indicated are for one Chain Case Assembly.



T-0055-90

REEL GEAR MOTOR NO. 39-7710

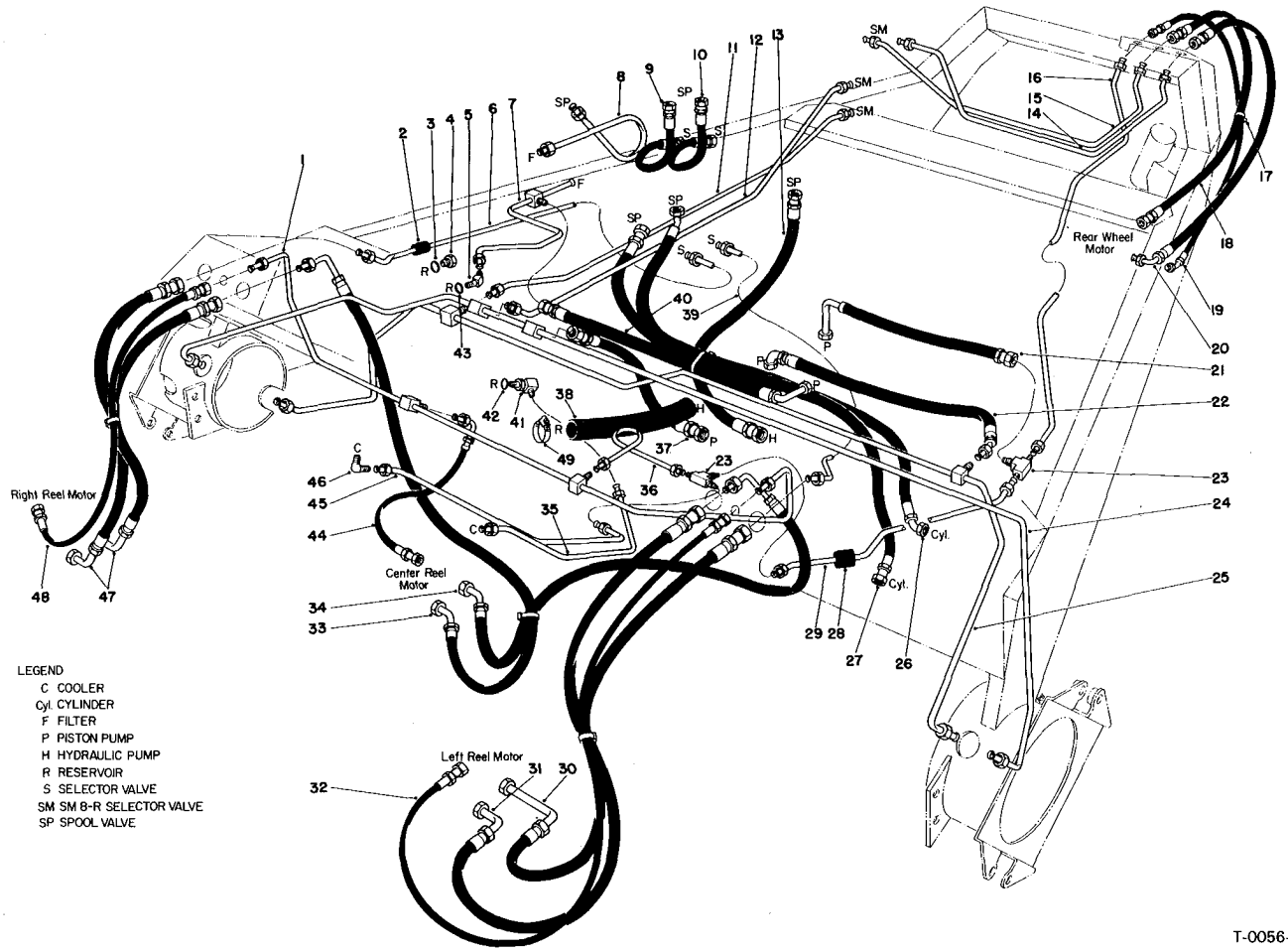
Ref. No.	Part No.	Description	No. Used
1	42-1960	Housing Assembly w/Bushings	1
2	57-5740	Snap Ring	4
3		Gear	2
4		Key	1
5	42-1980	Idler Gear Assembly (Incl. Ref. #2-4)	1
6	42-2050	Key	1
7	56-6710	O-Ring	1
8	42-2030	Capscrew — Flanged 12 Point	8
9	42-2020	Retaining Ring	1
10	43-5080	Washer	1

Ref. No.	Part No.	Description	No. Used
11	43-5090	Washer — Backup	1
12	42-1990	Shaft Seal	1
13	56-6690	Front Plate Assembly	1
14	42-1970	Drive Gear Assembly (Incl. Ref. #2-4)	1
15	42-2010	Dowel Pin	2
*	56-6700	Repair Kit (Incl. Ref. #7, 9-12)	1
*†	49-1420	Seal Protector	1
*†	49-1460	Seal Installer	1

* Not Illustrated

† Special Tool (Ref. Pages #42-43).

Note: Quantities Listed are for One Gear Motor Assembly.

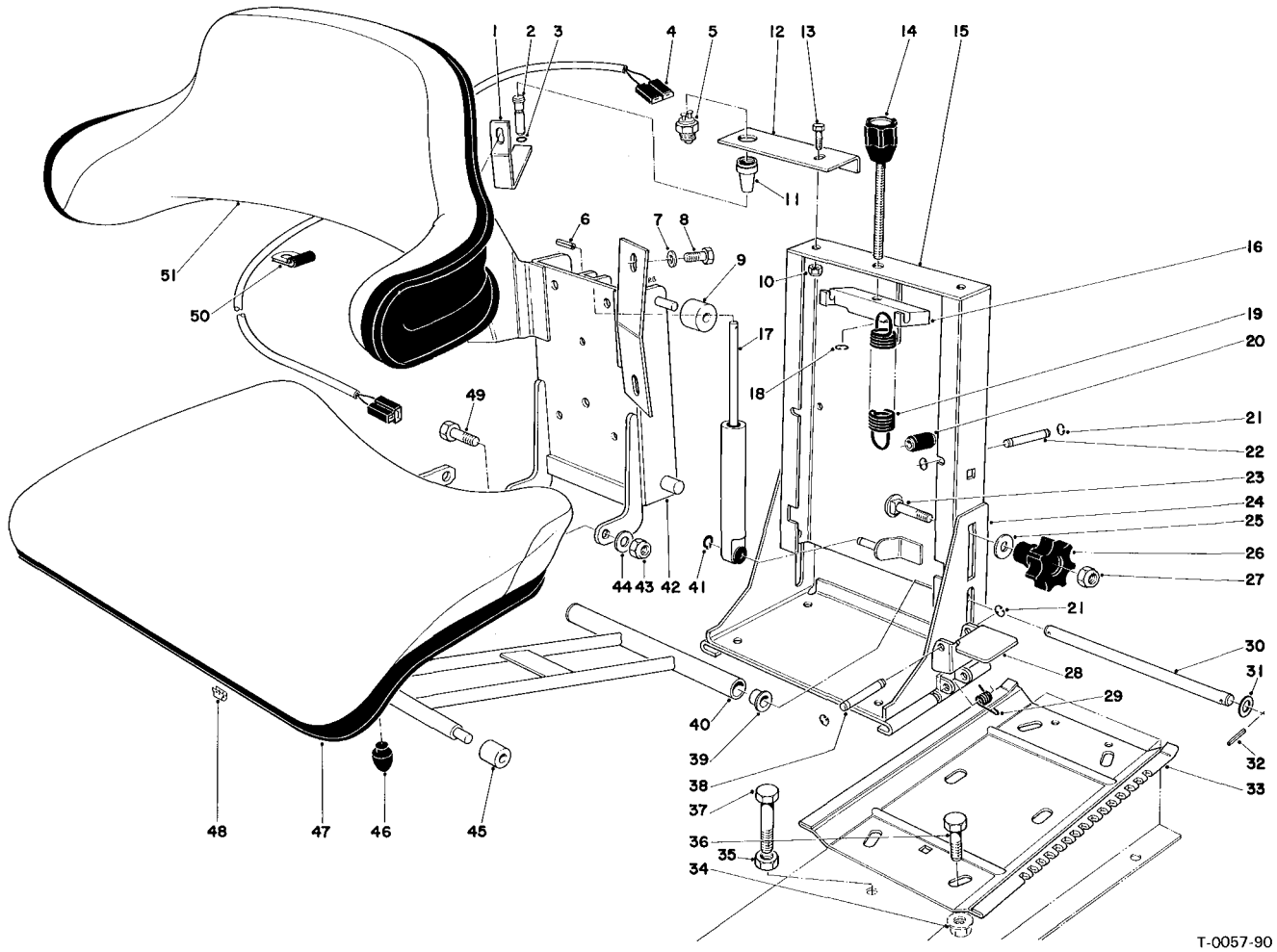


T-0056-90

HYDRAULIC DIAGRAM

Ref. No.	Part No.	Description	No. Used
1	39-2250	Manifold — Drain	1
2	38-3400	Rubber Guard	A/R
3	237-78	O-Ring	1
4	353-512	Plug	1
5	353-706	45° Fitting	1
6	39-4540	Tube Shutoff Valve R.F. Bulkhead	1
7	38-3850	Tube — Tank to Filter	1
8	38-3840	Tube — Valve to Filter	1
9	44-7380	Hose — Hydraulic	1
10	43-4500	Hose — Hydraulic	1
11	38-3860	Tube — Valve to Pressure Manifold	1
12	38-3870	Tube — Valve to Return Manifold	1
13	38-5250	Hose — Pump to Valve	1
14	29-1890	Tube Selector Valve to Rear Pressure	1
15	29-1900	Tube Selector Valve to Rear Return	1
16	39-2570	Tube — Rear Motor to Return	1
17	3290-379	Cable Tie	A/R
18	29-1660	Hose Rear Wheel	1
19	56-7920	Hose — Drain Rear Wheel	1
20	29-1670	Hose — Rear Wheel	1
21	39-2310	Hose — Case Drain to Return	1
22	38-3950	Hose — Outlet	1
23	29-1570	Tee	2
24	38-3880	Manifold — Return	1

Ref. No.	Part No.	Description	No. Used
25	38-3890	Manifold — Pressure	1
26	38-3940	Hose — Lift Cylinder Rear	1
27	10-7620	Hose — Lift Cylinder Front	1
28	49-7300	Rubber Guard	A/R
29	39-2270	Tube — Case Drain to Front	1
30	29-2870	Hose — Left Front Cutting Unit	1
31	29-2860	Hose — Left Front Cutting Unit	1
32	29-2880	Hose — Left Front Cutting Unit	1
33	29-1750	Hose Center Cutting Unit	1
34	36-3150	Pressure Hose	1
35	39-3650	Tube — Cooler to Tank	1
36	39-2320	Tube — Drain Manifold to Cooler	1
37	38-3920	Outlet Hose — Return	1
38	29-1640	Hose — Suction	1
39	39-4530	Tube — Shutoff Valve to L.F. Bulkhead	1
40	38-3910	Hose — Filter to Charge Inlet	1
41	353-374	90° Fitting	1
42	237-42	O-Ring	1
43	237-81	O-Ring	1
44	29-1720	Hose — Center Cutting Unit Return	1
45	39-3660	Tube — Cooler to Drain Line	1
46	353-428	90° Fitting	2
47	29-1700	Hose — Front Cutting Unit	2
48	29-1710	Hose — Front Cutting Unit to Drain	1
49	2412-75	Clamp — Hose	2

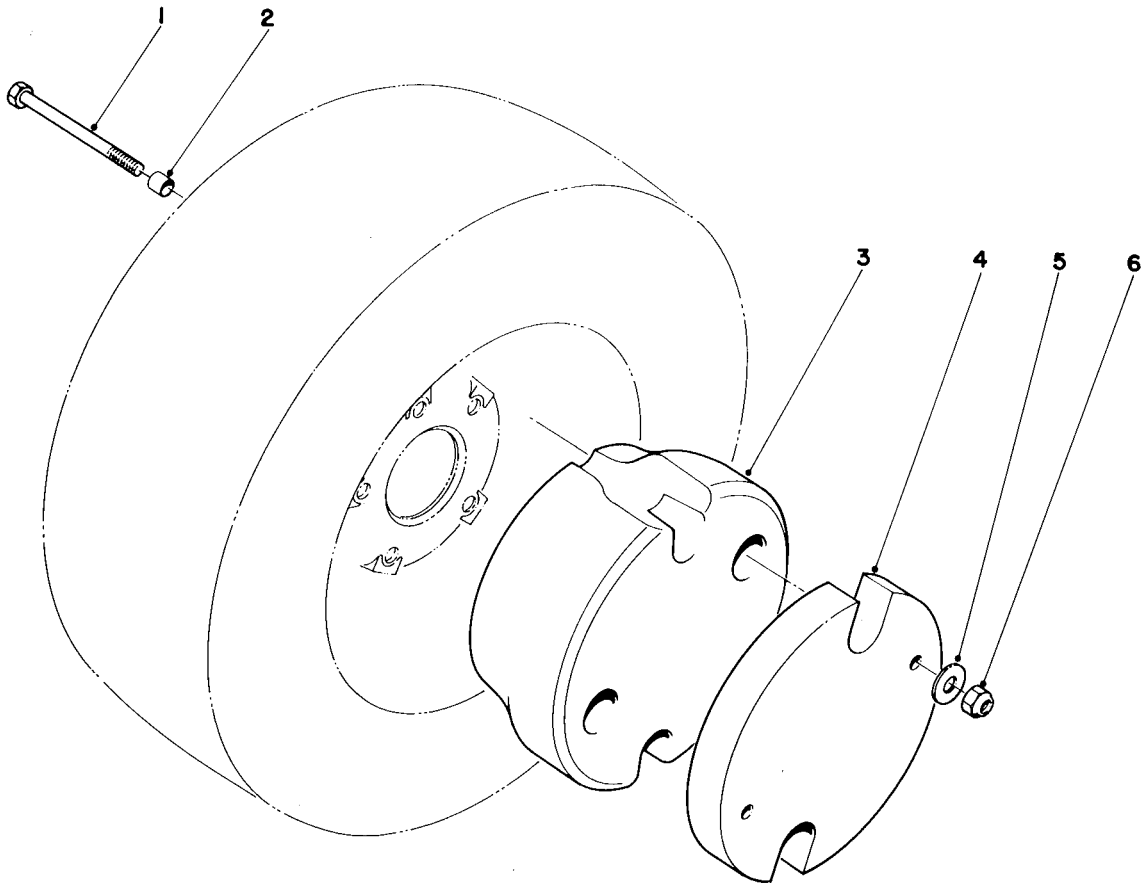


SUSPENSION SEAT KIT MODEL NO. 03542 (Optional)

Ref. No.	Part No.	Description	No. Used
1	38-3280	Switch Lever	1
2	38-3260	Pin – Switch	1
3	237-7	O-Ring	1
4	38-3390	Wire Assembly – Seat Switch	1
5	28-4250	Switch – Neutral	1
6	39-9200	Roll Pin	1
7	39-9210	Washer	4
8	39-9220	Capscrew	4
9	39-9230	Roller	2
10	3296-2	Locknut	1
11	353-704	Tube Nut	1
12	38-3270	Bracket – Switch	1
13	3290-134	Hex Head Machine Screw	1
14	39-9260	Adjusting Knob	1
15	39-9270	Spring Housing	1
16	39-9280	Spring Retainer	1
17	39-9240	Shock Absorber	1
18	39-9250	Retaining Ring	1
19	39-9290	Spring Tension	2
20	39-9300	Roller	2
21	39-9310	Retaining Ring	6
22	39-9320	Pin	2
23	39-9330	Carriage Bolt	2
24	39-9340	Base Height Adjustment	1
25	39-9350	Washer	2
26	39-9360	Knob	2

Ref. No.	Part No.	Description	No. Used
27	39-9370	Nut	2
28	39-9380	Adjustment Lever	1
29	39-9390	Spring Torsion	1
30	39-9400	Pin	1
31	39-9410	Washer	2
32	39-9420	Roll Pin	2
33	39-9430	Slide Adjustment Plate	1
34	32128-29	Flange Locknut	4
35	3217-7	Nut	1
36	323-4	Capscrew	4
37	323-8	Capscrew	1
38	39-9440	Pin	1
39	39-9450	Bushing	2
40	39-9460	Arm Assembly	1
41	39-9470	Retaining Ring	1
42	39-9480	Carrier Adjustment	1
43	39-9490	Nut	2
44	39-9500	Washer	2
45	39-9510	Roller	2
46	39-9520	Bumper	1
47	39-9530	Seat Cushion	1
48	39-9540	Clamps Outside	16
49	39-9550	Capscrew	2
50	18-2970	Clip	3
51	39-9190	Back Rest	1
*	3290-378	Cable Tie	2

*Not Illustrated



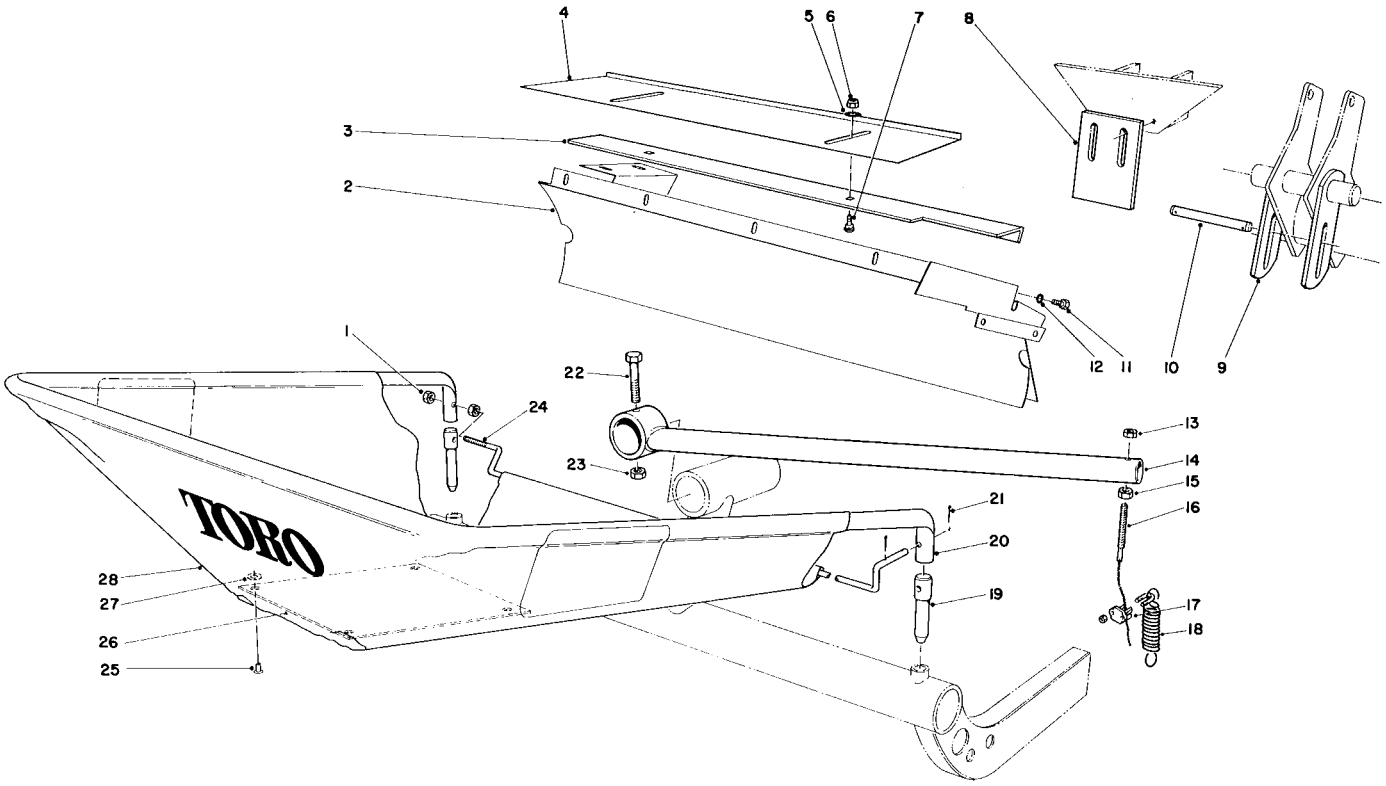
T-0058-90

WHEEL WEIGHT KIT (Kit No. 1: 37-4400) (Kit No. 2: 37-4500) (Optional)

Ref. No.	Part No.	Description	No. Used
1	323-23	Capscrew (Kit # 1)	2
*	323-26	Capscrew (Kit # 2)	2
2	37-7250	Spacer (Kit # 1) (Kit # 2)	2
3	37-4410	Wheel Weight (Kit # 1)	1

Ref. No.	Part No.	Description	No. Used
4	37-4420	Wheel Weight (Kit # 2)	1
5	3256-24	Flat Washer (Kit # 1)	2
6	3296-39	Locknut (Kit # 1) (Kit # 2)	2

Note: Kit #2 can be used only with Kit #1.
*Not Illustrated



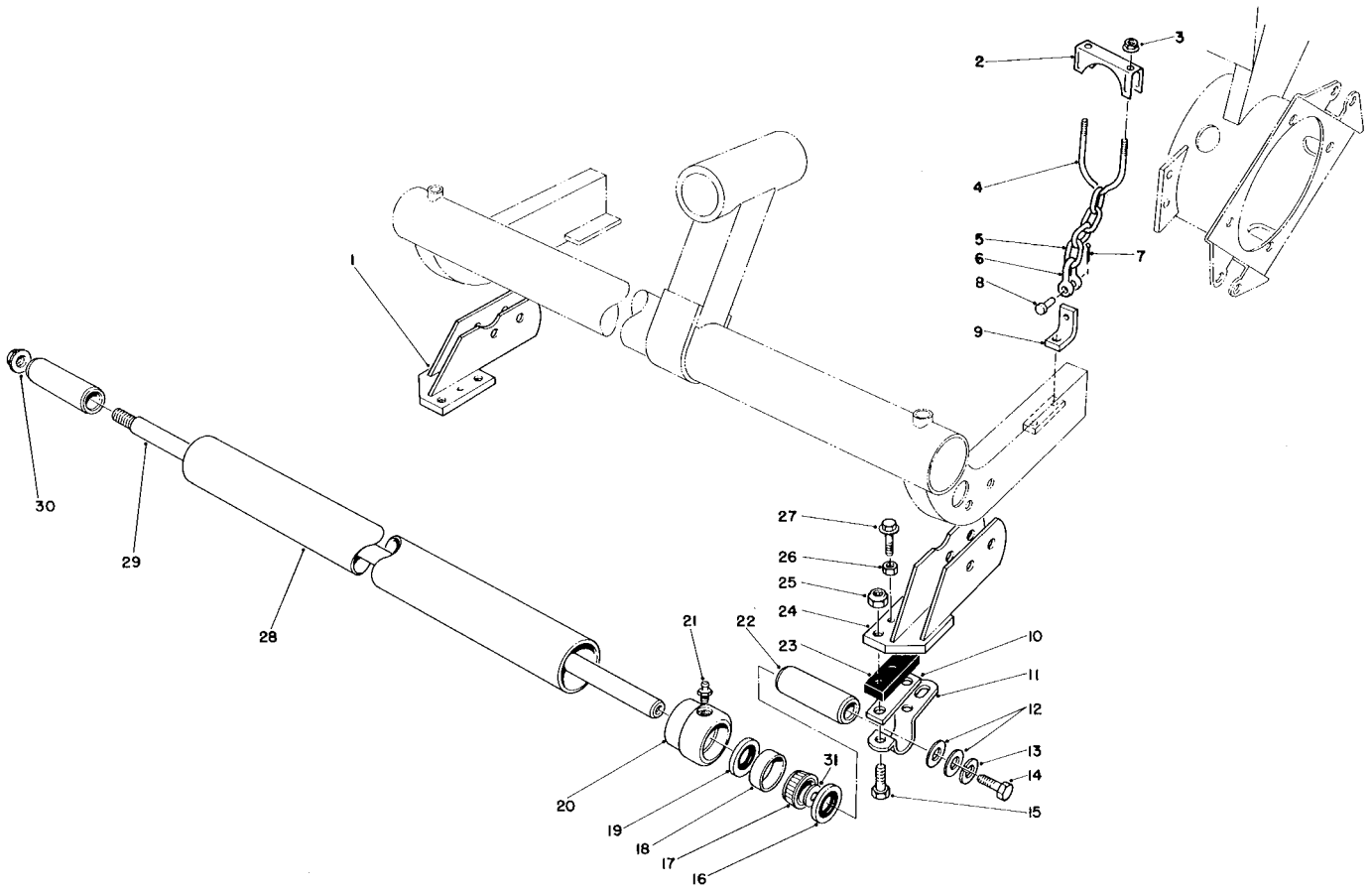
T-0059-90

BASKET KIT NO. 03572 (Optional)

Ref. No.	Part No.	Description	No. Used
1	3218-2	Jam Nut	6
2	36-5820	Shield	3
3	36-5790	Guard	3
4	36-5870	Deflector (Used on #2 & 3 Cutting Units)	2
*	36-5880	Deflector (Used on #1 Cutting Unit)	1
5	3256-22	Flat Washer	6
6	3296-42	Locknut	6
7	3229-11	Carriage Bolt	6
8	37-0040	Plate Adjustment	1
9	36-5680	Strap Cylinder	2
10	36-5670	Pin Cylinder	1
11	322-2	Capscrew	15
12	3253-4	Lockwasher	15
13	32152-8	Locknut	2
14	52-1690	Support Arm (C.U. #2)	1
*	52-1680	Support Arm (C.U. #3)	1

Ref. No.	Part No.	Description	No. Used
15	3219-3	Hex Nut	2
16	52-1640	Cable – Cutting Unit	2
17	298-8	Cable Clamp	2
18	3-9351	Spring – Extension	2
19	36-5750	Pin Basket Mount	6
20	36-5730	Frame Basket	3
21	3272-6	Cotter Pin	6
22	324-10	Hex Hd. Capscrew	2
23	32152-9	Locknut	2
24	36-5740	Rod Basket	3
25	3290-409	Pop Rivet	12
26	37-7170	Weight Bag	3
27	3256-49	Washer	12
28	36-5720	Grass Bag	3
*	46-7210	Decal Height-of-Cut	1

*Not Illustrated

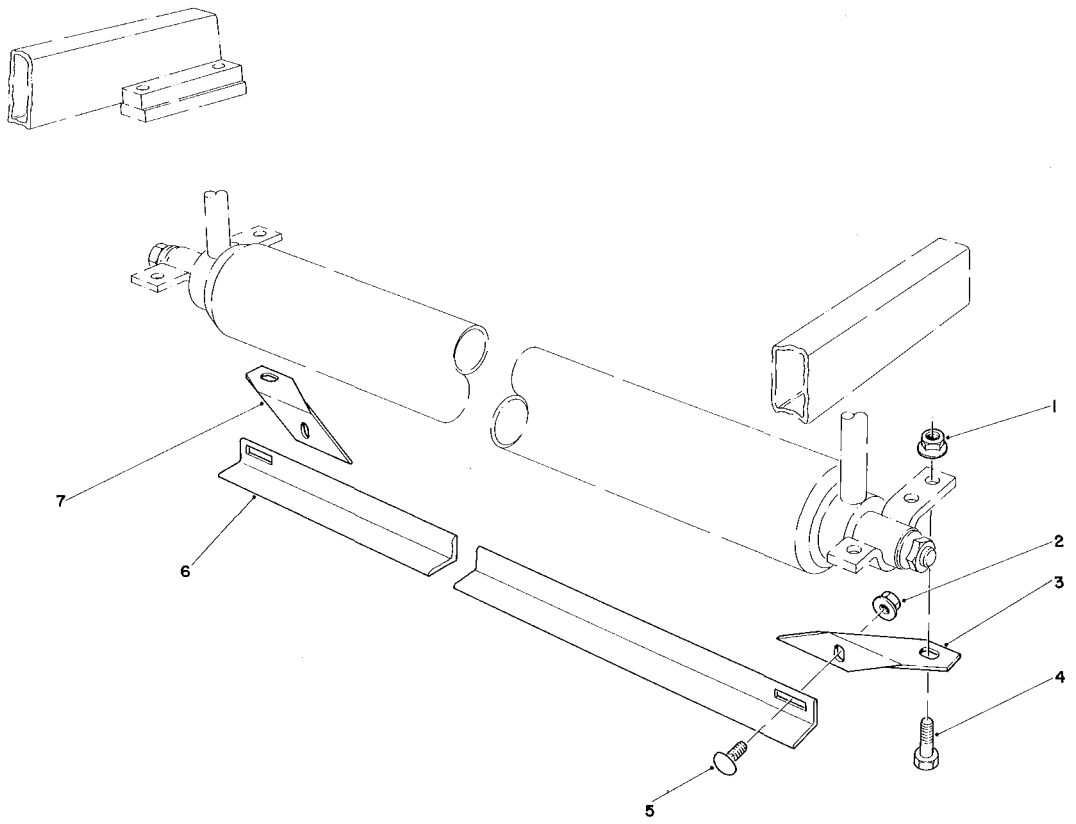


T-0060-90

FRONT ROLLER KIT MODEL NO. 03588 (Optional)

Ref. No.	Part No.	Description	No. Used
1	49-7290	Roller Bracket R.H.	3
2	67-7930	Saddle	2
3	32128-25	Nut — Lock, Flange	4
4	67-7770	Bolt — U	2
5	67-7780	Chain	2
6	8-0280	Shackle	2
7	3272-10	Pin — Cotter	2
8	283-14	Pin — Clevis	2
9	49-7390	Clip — Cable	2
10	49-7320	Spacer — Roller	6
11	49-7410	Clamp — Roller	6
12	3256-26	Washer	6
13	3253-7	Lockwasher	3
14	3213-20	Capscrew	3
15	3274-50	Screw — Cap Hex Socket	14
16	253-117	Seal	6

Ref. No.	Part No.	Description	No. Used
17	254-78	Bearing Cone	6
18	254-79	Bearing Cup	6
19	253-122	Retainer — Grease	6
20	5-4035	End Cap — Roller	6
21	302-5	Grease Fitting	6
22	29-3900	Wear Sleeve — Roller	6
23	49-7350	Cushion — Roller	6
24	49-7280	Roller Bracket L.H.	3
25	3296-39	Nut — Lock	12
26	3218-2	Nut — Hex Jam	6
27	32144-57	Screw — Thread Forming	6
28	29-3800	Roller Assembly (Incl. Ref. #12-14, 16-22 & 29-31)	3
29	29-3850	Shaft — Roller	3
30	32128-31	Flange — Nut	1
31	47-7510	Washer — Nylon	6

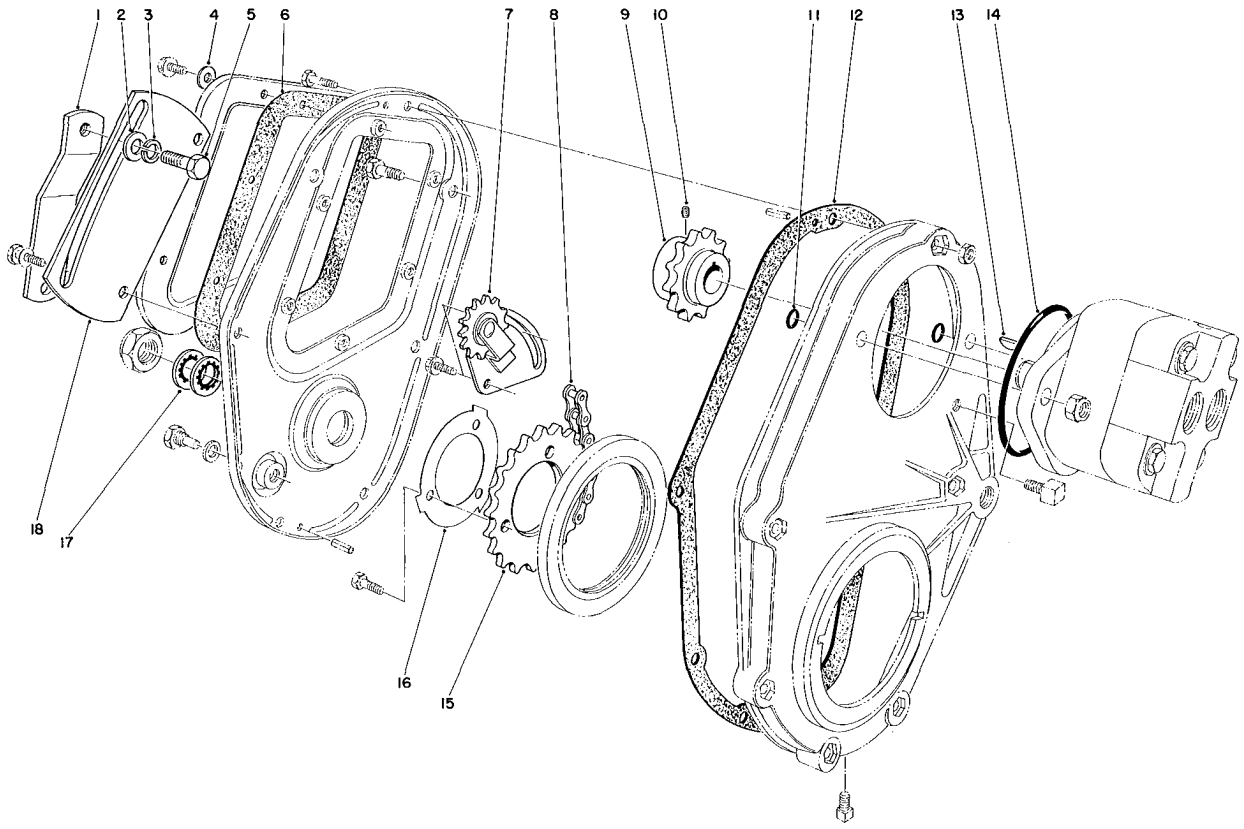


T-0061-90

REAR ROLLER SCRAPER KIT NO. 49-7400 (Optional)

Ref. No.	Part No.	Description	No. Used
1	32128-21	Nut – Flange Lock	2
2	32128-25	Nut – Flange Lock	2
3	49-7430	Bracket – Roller Scraper L.H.	1
4	323-5	Screw – Cap Hex Hd.	2

Ref. No.	Part No.	Description	No. Used
5	3-5861	Bolt – Carriage	2
6	49-7440	Scraper – Roller	1
7	49-7420	Bracket – Roller Scraper R.H.	1



T-0062-90

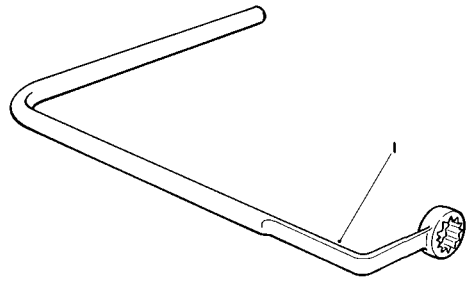
CLIP KIT NO. 49-7200 (Optional)

Ref. No.	Part No.	Description	No. Used
1	42-0300	Bracket Cutting Unit Support	3
2	3256-5	Washer	3
3	3253-6	Lockwasher	3
4	29-3970	Washer – Polyethylene	18
5	324-5	Capscrew	3
6	46-8750	Gasket Inspection Cover	3
7	46-8700	Chain Idler	3
8	49-7090	Chain Roller – Endless #40	3
9	49-7190	Sprocket Drive (12 Teeth)	3

Ref. No.	Part No.	Description	No. Used
10	3246-1	Set Screw	6
11	237-22	O-Ring	6
12	46-7080	Gasket	3
13	3257-3	Woodruff Key	3
14	237-99	O-Ring	3
15	44-9650	Sprocket – Driven (22 Teeth)	3
16	29-3480	Locking Clip	3
17	44-8490	Washer – O-Ring	6
18	42-0360	Plate – Cutting Unit Adjustment	3

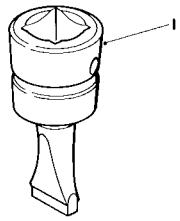
SPECIAL TOOLS

REEL ADJUSTING WRENCH NO. 42-3330



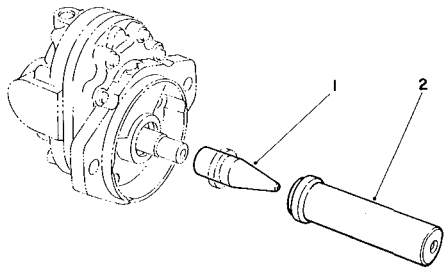
Ref. No.	Part No.	Description	No. Used
1		Wrench – Reel Adjusting	1

BED KNIFE SCREW TOOL NO. 51-0880



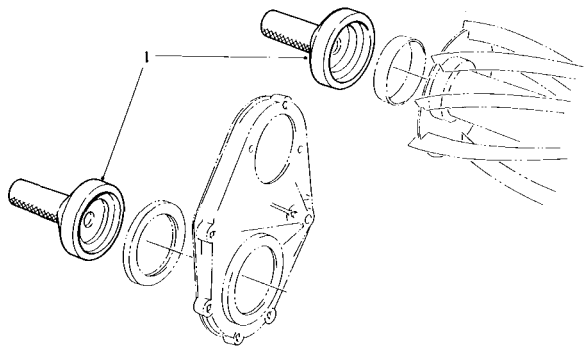
Ref. No.	Part No.	Description	No. Used
1		Tool – Bedknife Screw	1

REEL MOTOR SEAL INSTALLATION TOOLS



Ref. No.	Part No.	Description	No. Used
1	49-1420	Protector – Seal	1
2	49-1460	Installer – Seal	1

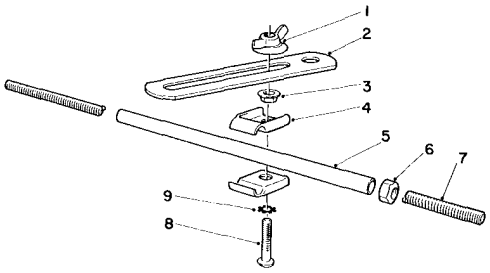
WEAR RING/SEAL INSTALLATION TOOL NO. 49-1440



Ref. No.	Part No.	Description	No. Used
1		Tool – Wear Ring/Seal Installation	1

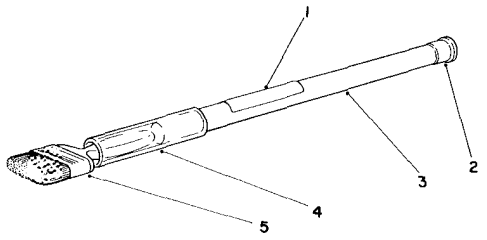
SPECIAL TOOLS (Continued)

ALIGNMENT TOOL ASSEMBLY NO. 20-0120



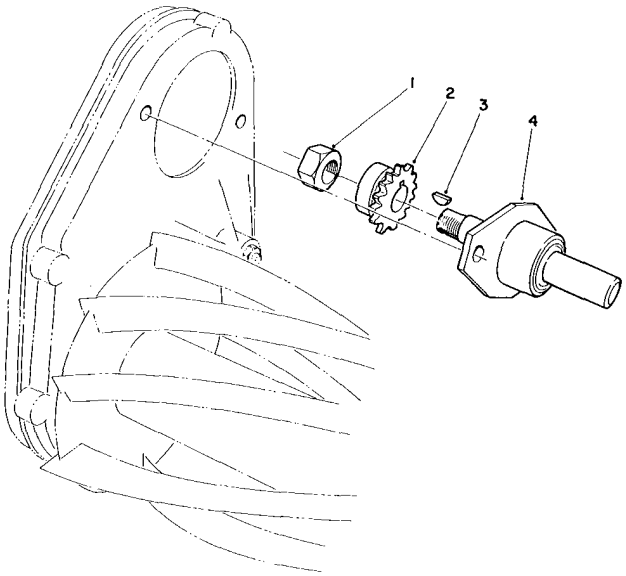
Ref. No.	Part No.	Description	No. Used
1	3-4808	Nut – Wing	1
2	20-0110	Bracket – Aligning	1
3	32128-20	Nut – Flange	1
4	3-6657	Clip – Skid	2
5	20-0070	Tube	1
6	3219-2	Nut – Hex. Full	1
7	20-0080	Rod	1
8	32122-35	Screw – Machine	1
9	3255-8	Washer – Lock	1

BACKLAPPING BRUSH ASSEMBLY NO. 29-9100



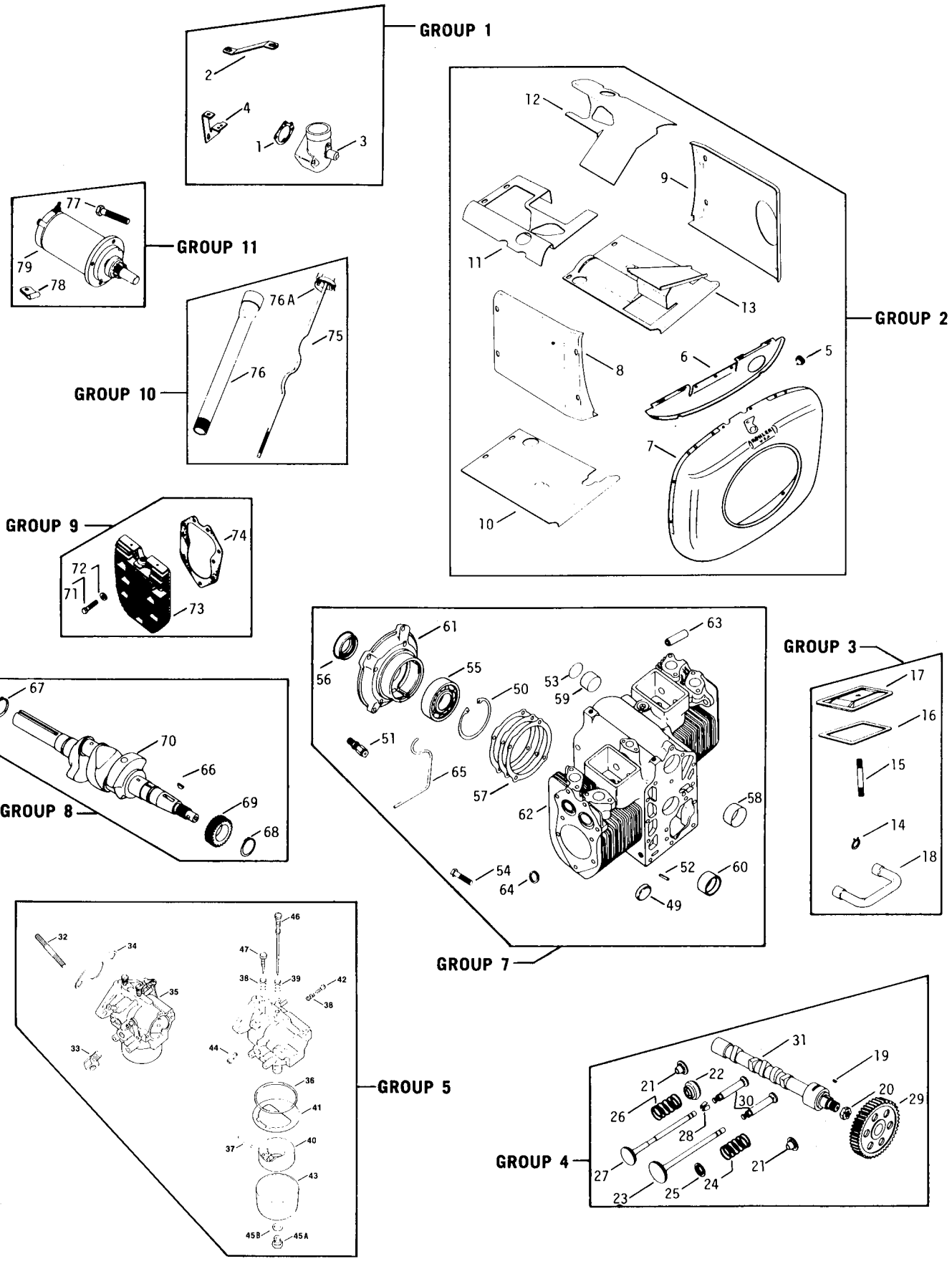
Ref. No.	Part No.	Description	No. Used
1	12-9140	Decal	1
2	2410-18	Plug	1
3	29-9080	Handle	1
4	29-9090	Hose – Handle	1
5	36-4310	Brush	1

REMOTE BACKLAPPING TOOL KIT NO. 36-3060



Ref. No.	Part No.	Description	No. Used
1	3217-23	Nut L.H. Thread	1
2	29-3760	Sprocket	1
3	3257-3	Key – Woodruff	1

ENGINE KOHLER MODEL NO. K582QS TYPE NO. PS-36315

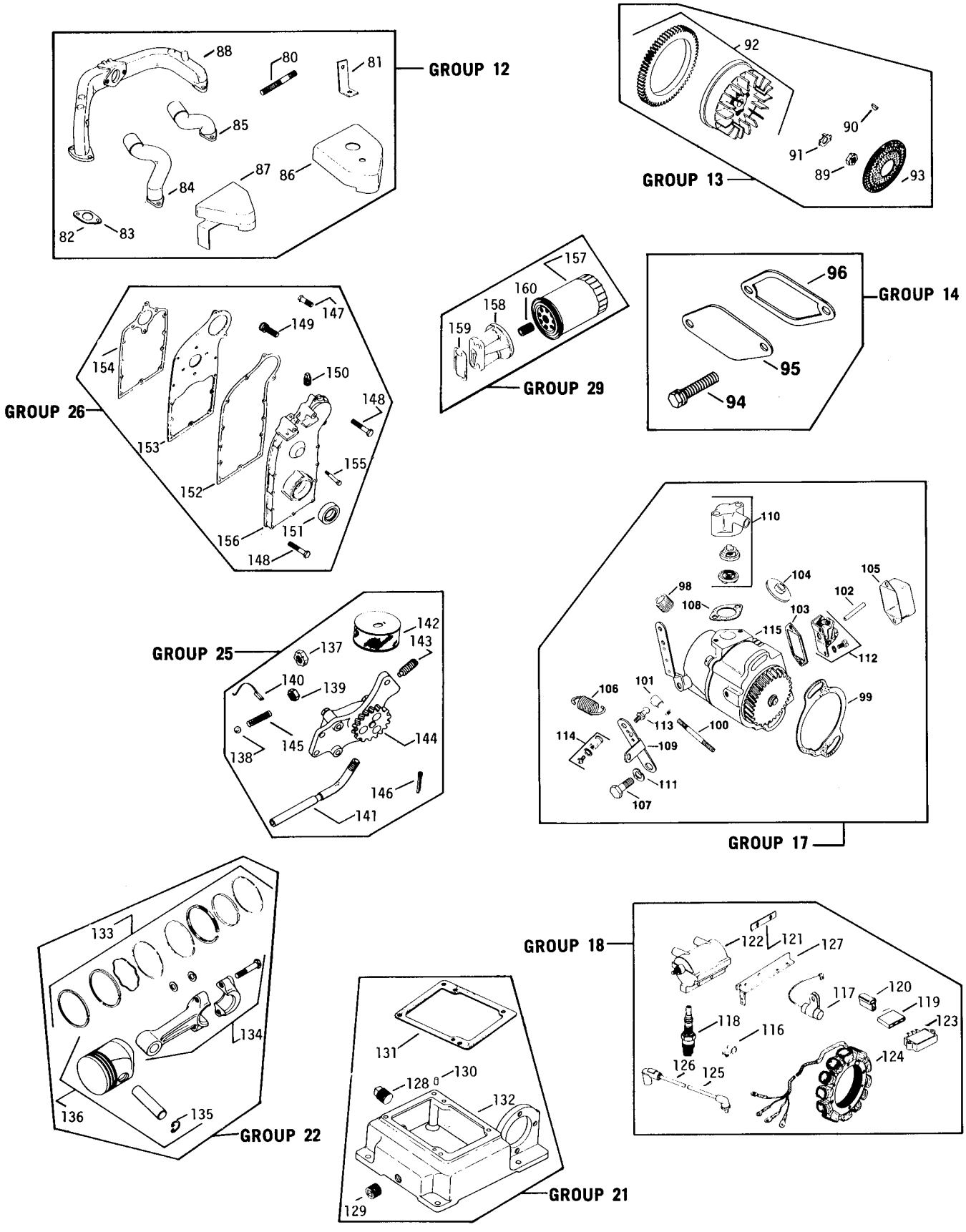


ENGINE KOHLER MODEL NO. K582QS TYPE NO. PS-36315

Ref. No.	Part No.	Description	No. Used
		Air Intake — Group 1	
1	2504106	Gasket	1
2	277116	Brace — Elbow	1
3	4875402	Kit — Elbow	1
4	4852901	Support — Air Cleaner	1
	4815504	Connector	1
		Baffles & Shroud — Group 2	
5	243035	Grommet	1
6	277058	Baffle — Blower Hsg. Support	1
7	4802704	Housing — Blower	1
8	4806308	Baffle — Side Cylinder #1	1
9	4806309	Baffle — Side Cylinder #2	1
10	4806310	Baffle — Bottom Cylinder #1	1
11	4806312	Baffle — Top Cylinder #1	1
12	4806302	Baffle — Top Cylinder #2	1
13	4806313	Baffle — Bottom Cylinder #2	1
		Breather & Vent — Group 3	
14	X-426-3	Clamp — Hose	2
15	220368	Stud — Valve Cover	2
16	270034	Gasket — Valve Cover	2
17	270036	Cover — Valve	2
18	277392	Hose — Breather	1
		Camshaft & Valves — Group 4	
19	X-43-1	Key — Woodruff	1
20	4810004	Nut — Jam	1
21	230011	Retainer — Valve Spring Exh.	2
22	5241301	Rotator — Exhaust Valve	2
23	235008	Valve — Intake	2
24	235010	Spring — Valve Intake	2
25	235011	Retainer — Valve Spring	4
26	235168	Spring — Exhaust Valve	2
27	237672	Valve — Exhaust	2
28	4175510	Kit — Retainer	4
29	4875534	Kit — Gear, Camshaft	1
30	D-277031	Tappet	4
31	4801201	Camshaft	1
	4846804	Washer	1
		Carburetor — Group 5	
32	X-352-10	Stud	2
33	X-555-2	Elbow	1
34	271030	Gasket — Carburetor	1
35	48 053 06	Carburetor — Assembly	1
36	200375	Gasket — Bowl	1
37	200376	Pin — Float Hinge	1
38	200380	Spring — Idle	2
39	200383	Spring — Main Fuel	1
40	2575703	Float (Incl. Ref. #41)	1
41	2504102	Gasket — Bowl Baffle	1

Ref. No.	Part No.	Description	No. Used
42	234945	Screw — Idle Speed Adj.	1
43	235448	Bowl — Fuel	1
44	48 755 10	Kit — Clamp	1
45A	47 100 06	Screw — Bowl Retainer	1
45B	200372	Gasket — Bowl Retainer Screw	1
46	48 103 01	Needle — Main Fuel Adj.	1
47	277210	Needle — Idle Fuel Adj.	1
	2575702	Kit — Carburetor Repair	1
		Crankcase — Group 7	
49	4713901	Pipe — Plug	2
50	X-269-31	Ring — Retaining	1
51	X-343	Connector	2
52	X-599-2	Pin	2
53	160037	Plug — Welch	1
54	270956	Screw — H.C.	4
55	277062	Bearing — Ball	1
56	277065	Seal — Rear Oil	1
57	277087	Gasket — Closure Plate	1
58	4815802	Bushing	1
59	277039	Bushing	1
60	4803003	Bearing	1
61	4800913	Plate — Rear Closure	1
62	4800506	Block — Cylinder — Assembly	1
63	230265	Guide — Valve	1
64	235007-S	Insert — Exhaust Valve	2
65	4835304	Line — Oil	1
		Crankshaft — Group 8	
66	X-42-15	Key — Woodruff	1
67	X-269-30	Ring — Retaining	1
68	X-269-32	Ring — Retaining	1
69	277009	Gear — Crankshaft	1
70	4801419	Crankshaft — Assembly	1
	48755-21	Spline — Insert Kit	1
	X-269-44	Ring — Retaining	1
		Cylinder Head — Group 9	
71	270158	Screw — H.C.	18
72	270889	Washer	18
73	4801502	Head — Cylinder	2
74	4805201	Gasket — Cylinder Head	2
		Dipstick — Group 10	
75	4827201	Dipstick	1
76	4853801	Tube — Dipstick	1
76A	272474	Seal — Dipstick	1
		Electric Start — Group 11	
77	X-154-1	Screw — H.C.	3
78	270154	Clip — Cable	2
79	4809802	Starter — Assembly	1

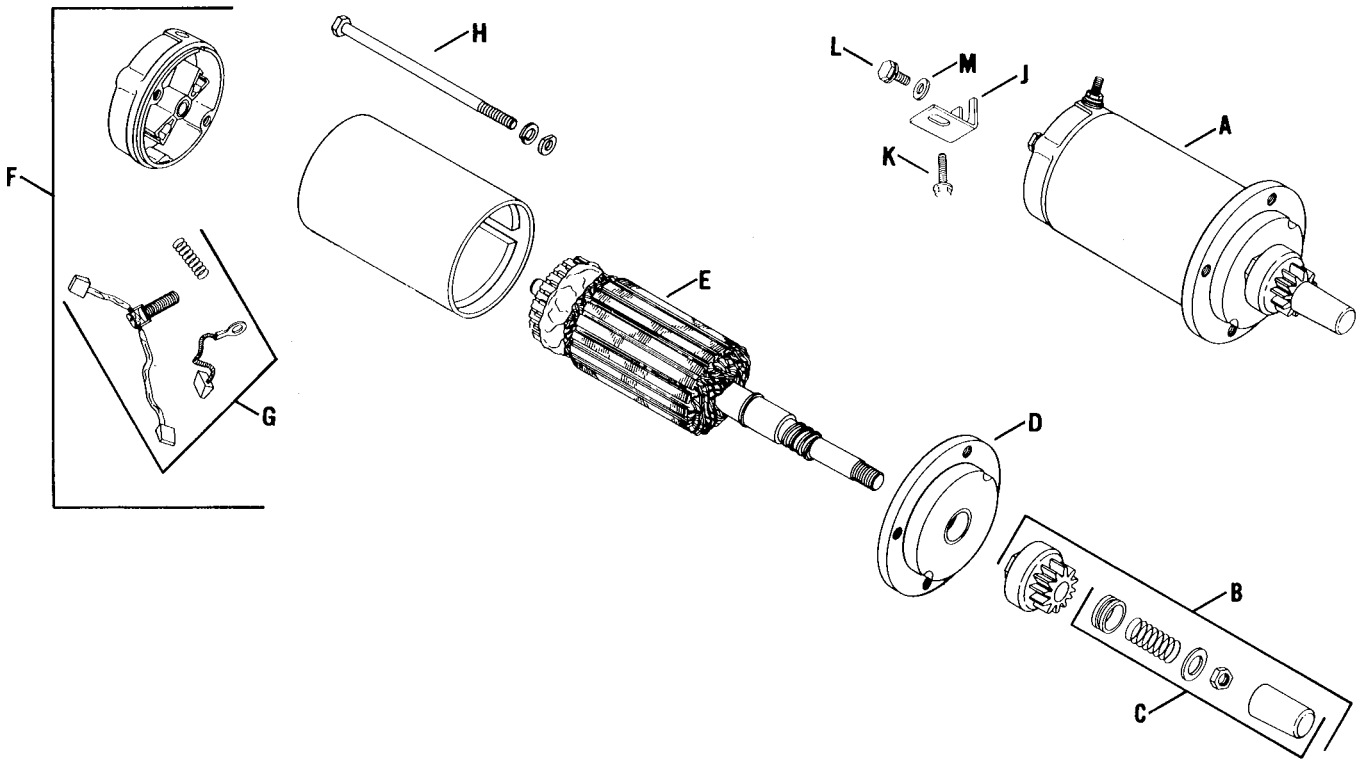
ENGINE KOHLER MODEL NO. K582QS TYPE NO. PS-36315 (Continued)



ENGINE KOHLER MODEL NO. K582QS TYPE NO. PS-36315 (Continued)

Ref. No.	Part No.	Description	No. Used
		Intakes & Exhaust Manifolds — Group 12	
80	4807204	Stud	2
81	4744502	Strap — Lifting	2
82	277091	Gasket	2
83	4805202	Gasket — Intake	2
84	4805404	Elbow — Exhaust Cylinder #1	1
85	4805405	Elbow — Exhaust Cylinder #2	1
86	4809601	Cover — Exhaust Elbow Cyl. #1	1
87	4809602	Cover — Exhaust Elbow Cyl. #2	1
88	4816407	Manifold — Intake	1
		Flywheel — Group 13	
89	X-80-1	Nut — Hex.	1
90	X-45-3	Key — Woodruff	1
91	277595	Nut — Lock	1
92	4802514	Flywheel	1
93	4816201	Screen — Grass	1
		Fuel Pump — Group 14	
94	X-132-5	Screw — H.C.	2
95	240282	Cover — Pump	1
96	25 041 05	Gasket — Fuel Pump Pad	1
		Governor — Group 17	
98	X-75-23	Plug	1
99	277078	Gasket — Governor Housing	1
100	271151	Rod — Throttle	1
101	45 208 03	Body — Ball Joint	1
102	X-489-8	Rod — Breaker Push	1
103	52 041 11	Gasket — Breaker Cover	1
104	220074	Diaphragm	1
105	232535	Cover — Breaker	1
106	271547	Spring — Governor	1
107	275691	Screw — Shoulder	1
108	277073	Gasket	1
109	277080	Lever — Throttle	1
110	A-277905	Housing — Breather (Includes Valve)	1
111	277341	Washer — Tension	1
112	4815003	Breaker	1
113	48 194 01	Joint — Ball	1
114	48 755 10	Kit — Clamp	1
115	48 310 28	Governor Assembly	1
		Ignition — Group 18	
116	210281	Clip — Cable	2
117	230722	Condenser	1
118	235041-S	Plug — Spark	2
119	236602	Connector	1
120	4815502	Connector	1
121	271694	Plate — Coil Mounting	1
122	277375	Coil	1
123	2575503	Kit — Rectifier, Regulator	1
124	237878	Kit — Stator	1
125	4834803	Lead — Hi-Tension	1
126	4834804	Lead — Hi-Tension	1

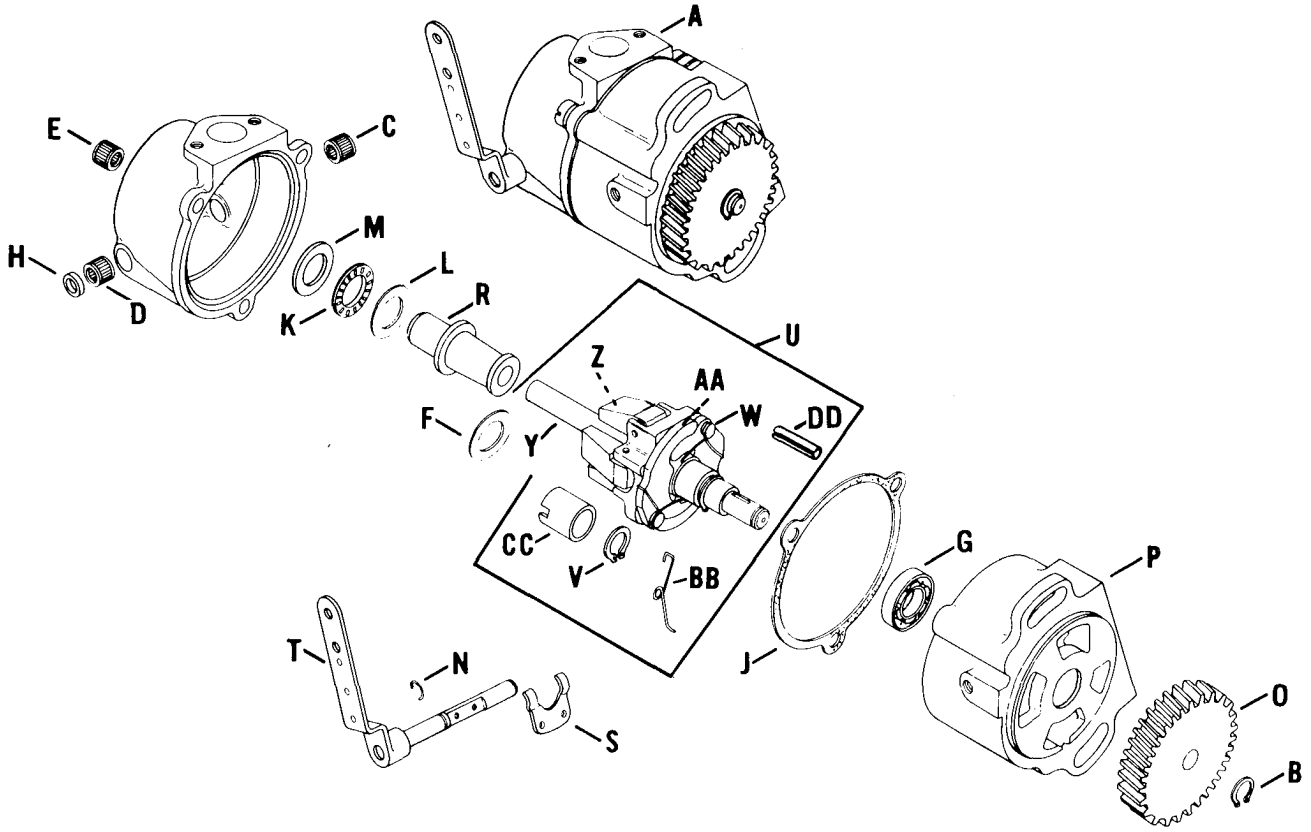
Ref. No.	Part No.	Description	No. Used
127	4808801	Bracket — Coil	1
	25 518 08	Lead 14ga. 11"	1
	25 518 13	Lead 14ga. 9"	1
		Oil Pan — Group 21	
128	X-75-6	Plug — Pipe	1
129	X-75-28	Plug — Pipe	1
130	230125-S	Pin — Dowel	2
131	277014	Gasket — Oil Pan	1
132	4875517	Pan — Oil	1
		Piston & Rod — Group 22	
133	4810805	Ring Set — Std. & .003	2
	4810806	Ring Set — .010	2
	4810807	Ring Set — .020	2
	4810808	Ring Set — .030	2
134	4806712	Rod — Conn. (Std.)	2
	4806713	Rod — Conn. (.010 U.S.)	2
135	4701801	Retainer	4
136	4887406	Piston — Assy. (Std.)	2
	4887407	Piston — Assy. (.003)	2
	4887408	Piston — Assy. (.010)	2
	4887409	Piston — Assy. (.020)	2
	4887410	Piston — Assy. (.030)	2
		Oil Pump — Group 25	
137	X-101-6	Nut — Relief Valve	1
138	X-212-3	Ball — Steel	1
139	X-629-1	Palnut	1
140	270085	Clip — Oil Tube	1
141	277201	Tube — Oil Inlet	1
142	277202	Strainer — Oil	1
143	277694	Screw — Socket Set	1
144	4839323	Pump — Oil	1
145	4808903	Spring — Relief Valve	1
146	X-36-6	Pin — Cotter	1
		Gear Cover — Group 26	
147	X-6-11	Screw — H.C.	4
148	X-6-22	Screw — H.C.	7
149	X-55-6	Screw — Allen	1
150	X-75-2	Plug	1
151	5203208	Seal — Front Oil	1
152	277020	Gasket — Gear Cover	1
153	277021	Plate — Gear Cover	1
154	277022	Gasket — Gear Cover Plate	1
155	277086	Screw — H.C.	2
156	277493	Cover — Gear	1
		Oil Filter — Group 29	
157	277233	Filter — Oil	1
158	4802902	Adapter — Oil Filter	1
159	4804103	Gasket	1
160	277234	Nipple	1
	485221	Short Block	1
	4875503	Gasket Set w/Seals	1
	4800401	Gasket Set w/o Seals	1



ELECTRIC STARTER ASSEMBLY
ENGINE KOHLER MODEL NO. K582QS TYPE NO. PS-36315 (Continued)

Ref. No.	Part No.	Description	No. Used
A	48 098 02	Starter Assembly Complete	1
B	48 755 02	Kit, Drive	1
C	48 755 13	Kit, Drive Parts	1
D	48 277 03	Cap, Drive End	1
E	277605	Armature	1
F	48 277 04	Cap, Commutator End	1

Ref. No.	Part No.	Description	No. Used
G	48 755 15	Kit, Brush	1
H	48 211 01	Bolt, Thru w/Washer	2
J	48 126 08	Bracket, Starter Support	1
K	X-67-62	Screw	1
L	X-154-6	Screw	1
M	X-25-44	Washer	1



GOVERNOR ASSEMBLY
ENGINE KOHLER MODEL NO. K582QS TYPE NO. PS-36315 (Continued)

Ref. No.	Part No.	Description	No. Used
A	48 310 28	Governor Assembly	1
B	X-269-15	Ring — Retaining	1
C	X-293-2	Bearing — Needle	1
D	X-293-3	Bearing — Needle	1
E	48 030 02	Bearing — Needle	1
F	237022	Washer	1
G	240202	Bearing — Ball	1
H	275055	Seal — Oil	1
J	277099	Gasket — Governor Cover	1
K	277100	Bearing — Roller Thrust	1
L	277101	Race — Thrust Bearing	1
M	277102	Race — Thrust Bearing	1
N	277104	Ring — Retaining	1
O	277561	Gear — Governor	1

Ref. No.	Part No.	Description	No. Used
P	48 081 02	Housing	1
Q	48 096 05	Cover — Governor	1
R	48 755 01	Kit — Sleeve	1
S	48 471 02	Yoke — Governor	1
T	48 087 03	Lever — Governor	1
U	48 420 08	Shaft — Governor, Assembly	1
V	X-269-4	Ring — Retaining	1
W	230080	Pin — Flyweight	2
Y	277007	Shaft — Governor	1
Z	277117	Weights — Governor	4
AA	277114	Flyweights	2
BB	48 089 01	Spring	2
CC	48 194 04	Breaker — Cam	1
DD	X-280-8	Pin — Roll	1

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 apparently 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 Turf Pro 84 has two identification numbers: a model number and a serial number. The two numbers are stamped on a plate which is located on right hand side of floor plate. In any correspondence concerning the Turf Pro 84, supply model and serial numbers to assure that correct information and replacement parts are obtained.

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

1. Model and serial numbers of the Turf Pro 84.
2. Part number, description, and quantity of part(s) desired.

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

The Toro Promise

A ONE YEAR LIMITED WARRANTY

The Toro Company promises to repair your TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:

Commercial Products ..... 1 Year

The costs of parts and labor are included, but the customer pays the transportation costs on walk rotary mowers with cutting unit widths of less than 25".

If you feel your TORO product is defective and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact your Authorized TORO Distributor or Commercial Dealer (the Yellow Pages of your telephone directory is a good reference source).
2. The TORO Distributor or Commercial Dealer will advise you on the arrangements that can be made to inspect and repair your product.
3. The TORO Distributor or Commercial Dealer will inspect the product and advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without an extra charge to you.

If for any reason you are dissatisfied with the distributor's analysis of the defect or the service performed, you may contact us.

Write:

TORO Commercial Products Service Department
8111 Lyndale Avenue South
Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Distributor or Commercial Dealer is the purchaser's sole remedy for any defect.

THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This Warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper condition is the responsibility of the owner.

All warranty repairs reimbursable under the Toro Promise must be performed by an Authorized TORO Commercial Dealer or Distributor using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Distributor or Commercial Dealer are not reimbursable under the Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

THE TORO COMPANY IS NOT LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

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