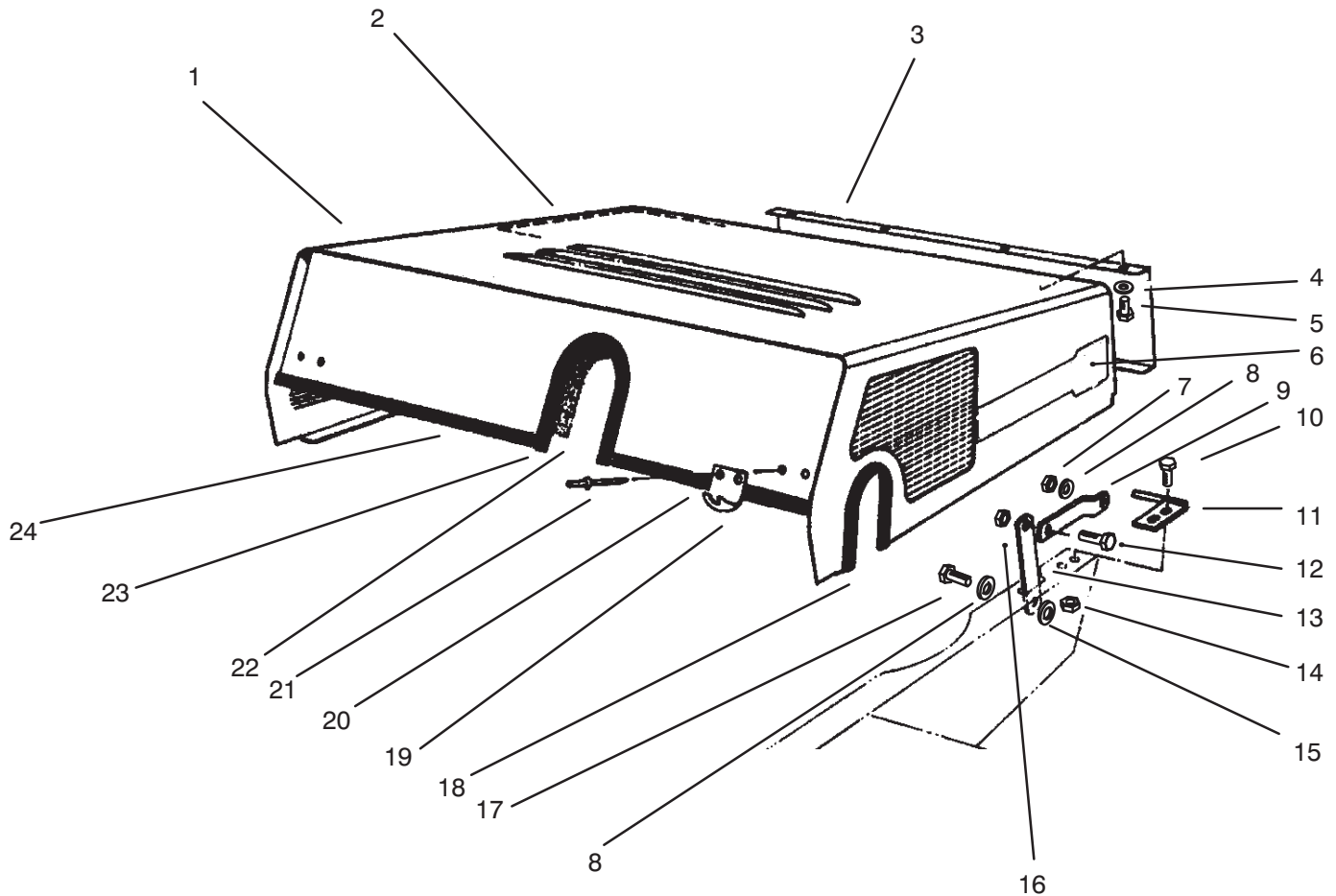




MODEL NO. 30620-690001 & UP

**PARTS
CATALOG**
**GROUNDMASTER® 220
TRACTION UNIT**


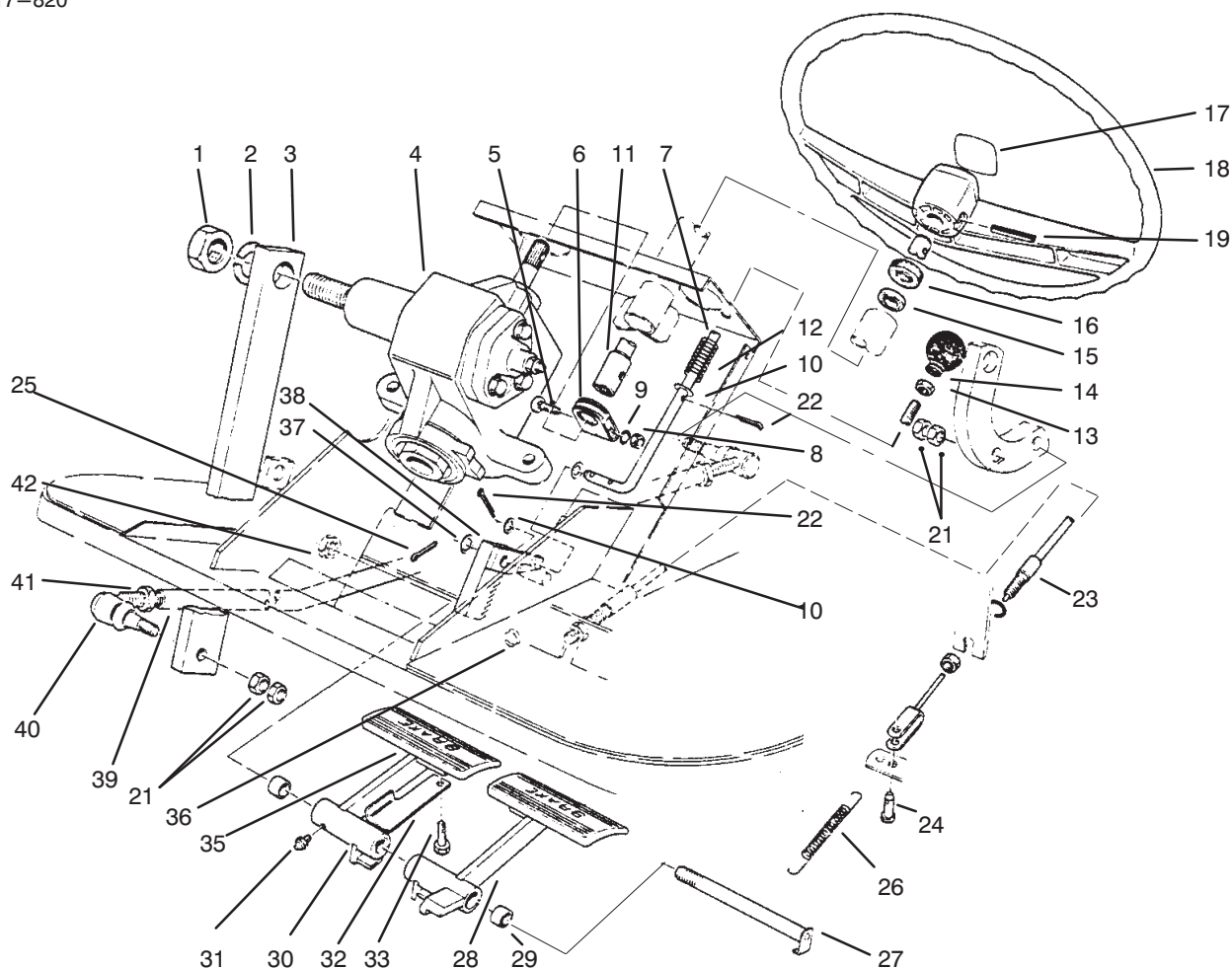
C-1275

HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	12-5869	Hood	1
2	44-9040	Foam - Hood (Rear)	1
3	44-8830	Grille - Rear Panel	1
4	3256-22	Washer - Flat	8
5	32140-94	Screw - Self Tap. Hex. Hd.	8
6	94-5411	Decal - Groundmaster 220	2
7	32128-19	Nut - Flange	2
8	3290-211	Washer - Lock	4
9	27-6800	Link - Hood	2
10	3234-13	Screw - Hex. Flange Hd.	4
11	27-4830	Pin - Pivot L.H.	1
*	27-4800	Pin - Pivot R.H.	1
12	3211-27	Screw - Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
13	27-6810	Tie - Hood	2
14	32128-33	Nut - Hex. Flange	4
15	4-2390	Washer	2
16	19-1470	Screw - Shoulder	2
17	3296-5	Nut - Lock	2
18	44-9190	Trim - Hood	1
19	249-40	Keeper - Reverse	2
20	46-3320	Trim - Hood	1
21	3269-16	Rivet - Pop	4
22	44-9030	Foam - Hood (Front)	1
23	38-4070	Trim - Hood	1
24	38-4080	Trim - Hood	1

*Not Illustrated

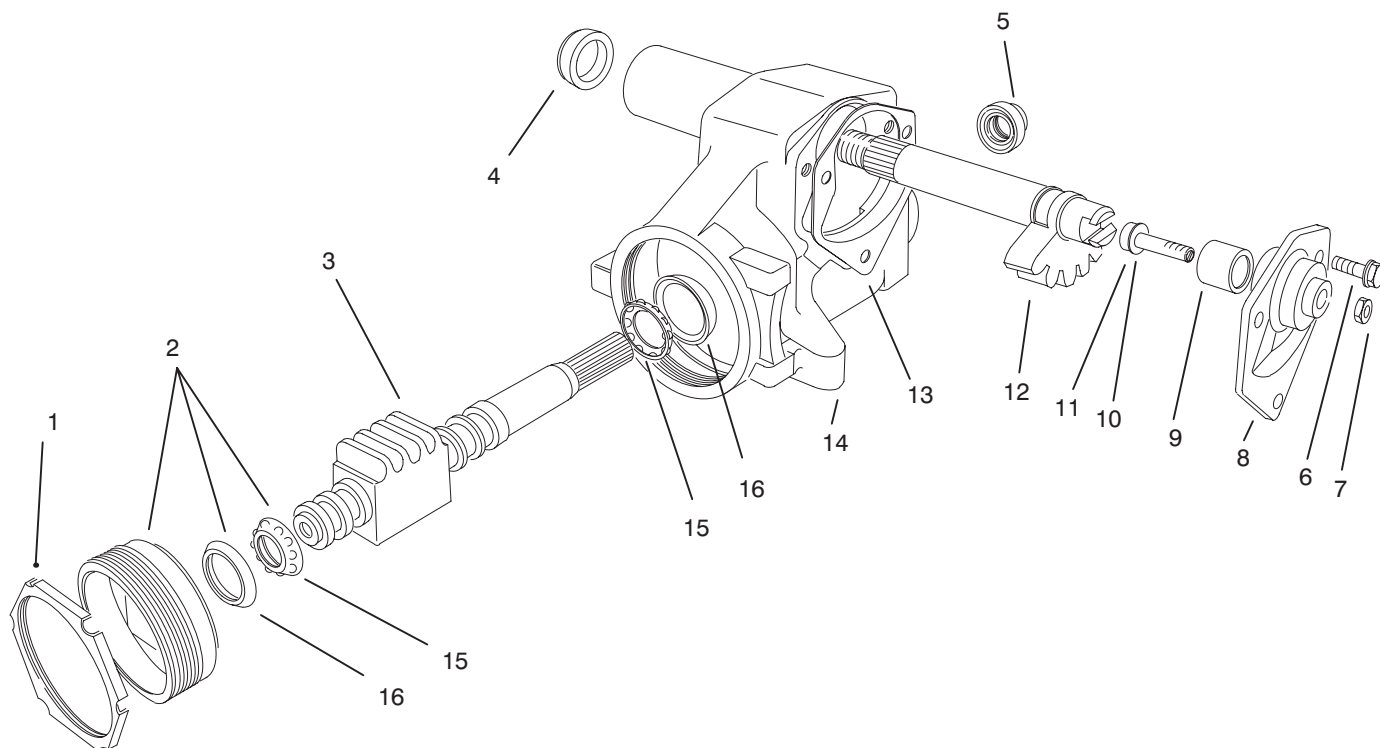


C-1280

PEDALS & STEERING WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3220-8	Nut	1	23	21-3370	Assembly - Brake Cable	2
2	3253-28	Washer - Lock	1	24	283-58	Pin - Clevis	2
3	41-8880	Arm - Gear Box	1	25	3272-10	Pin - Cotter	3
4	41-8820	Steering Gear Assembly (Incl. Ref. #1 & 2)	1	26	3-7243	Spring - Return	2
5	3232-16	Bolt - Carriage	1	27	42-2540	Pin - Brake	1
6	41-8830	Clamp - Coupling	1	28	41-8810	Pedal - Brake L.H. (Incl. Ref. #29 & 31)	1
7	27-3550	Rod - Brake Latch	1	29	256-42	Bushing	4
8	3217-8	Nut - Hex.	1	30	41-8800	Pedal - Brake, R.H. (Incl. Ref. 29 & 31)	1
9	3253-6	Washer - Lock	1	31	302-5	Fitting - Grease	2
10	3256-22	Washer - Flat	3	32	27-3560	Latch - Parking Brake	1
11	41-8840	Shaft - Steering	1	33	32144-10	Screw - Hex. Self Tap	1
12	3-3251	Spring	1	35	7-3900	Pad - Brake	2
13	32128-33	Nut - Hex. Flange	1	36	3290-378	Tie - Cable	1
14	233-17	Knob	1	37	3256-26	Washer - Flat	2
†15	251-275	Bearing - Ball	1	38	42-3220	Rack	1
16	21-9260	Cover - Dust	1	39	27-3390	Tube - Front Steering	1
17		Cap - Steering Wheel	1	40	21-0141	Socket Assembly R.H.	2
18	76-1420	Wheel - Steering	1	41	3220-5	Nut - Hex. Jam	2
19	32121-10	Pin - Roll	1	42	3296-33	Nut - Lock	1
21	3220-3	Nut - Jam	4				
22	3272-5	Pin - Cotter	3				

†Included with Steering Post Bracket Assembly, Ref. Page 6, Item 43

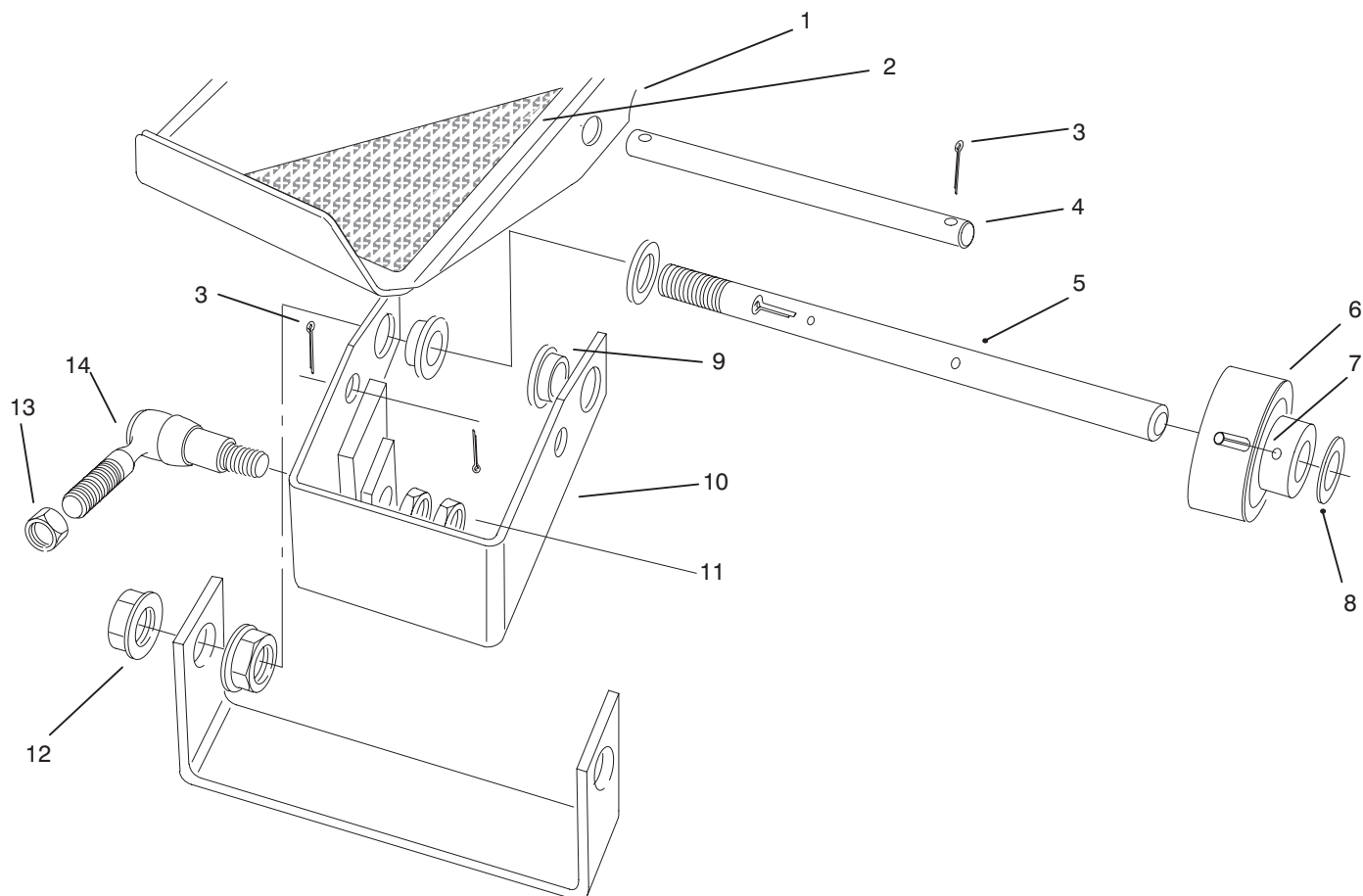


T-0701

STEERING GEAR ASSEMBLY NO. 41-8820

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	5676217	Nut – Adjuster Lock	1	9		Bushing	1
2	7840888	Assembly – Adjuster	1	10	605142	Kit – Shim	1
3	7812946	Steering Worm Assembly	1	11	7802482	Adjuster	1
4	7801626	Seal	1	12	7812834	Gear – Pitman Shaft	1
5	7802160	Seal	1	13	5666734	Gasket	1
6	7807009	Bolt – Flange Hex. Hd.	3	14	5679292	Housing – Steering Gear	1
7	114495	Nut	1	15	5666693	Assembly – Thrust Bearing	2
8	7806748	Kit – Side Cover Service (Incl. Ref. #6, 9, 11 & 13)	1	16	5666683	Cup – Bearing	2

Note: Obtain parts from your local GMC, Chevrolet Dealer.

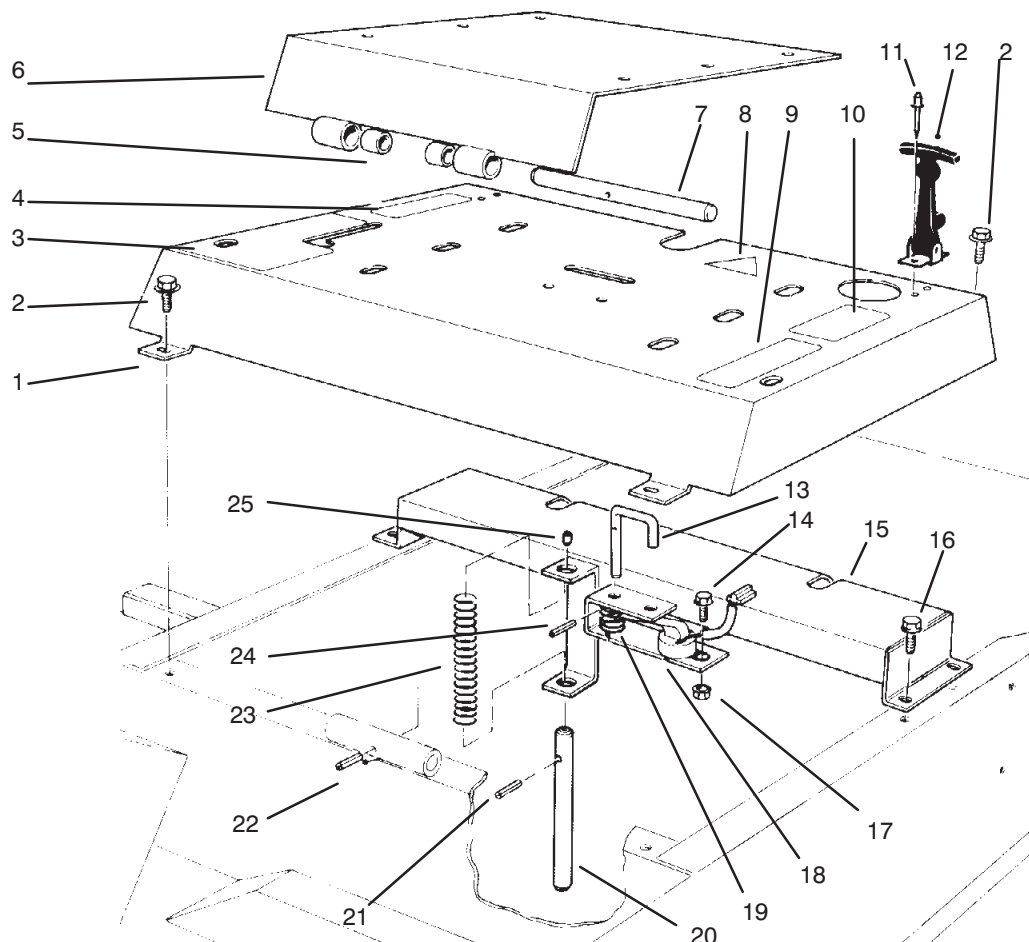


C-2398

TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	29-5670	Pedal - Traction	1
2	28-5130	Pad - Traction Pedal	1
3	3272-10	Pin - Cotter	4
4	29-5630	Pin - Pedal Pivot	1
5	70-9830	Shaft - Traction Pedal	1
6	28-5220	Wheel - Friction	1
7	32121-6	Pin - Roll	1
8	5-7570	Washer	2
9	256-156	Bushing - Flange	2

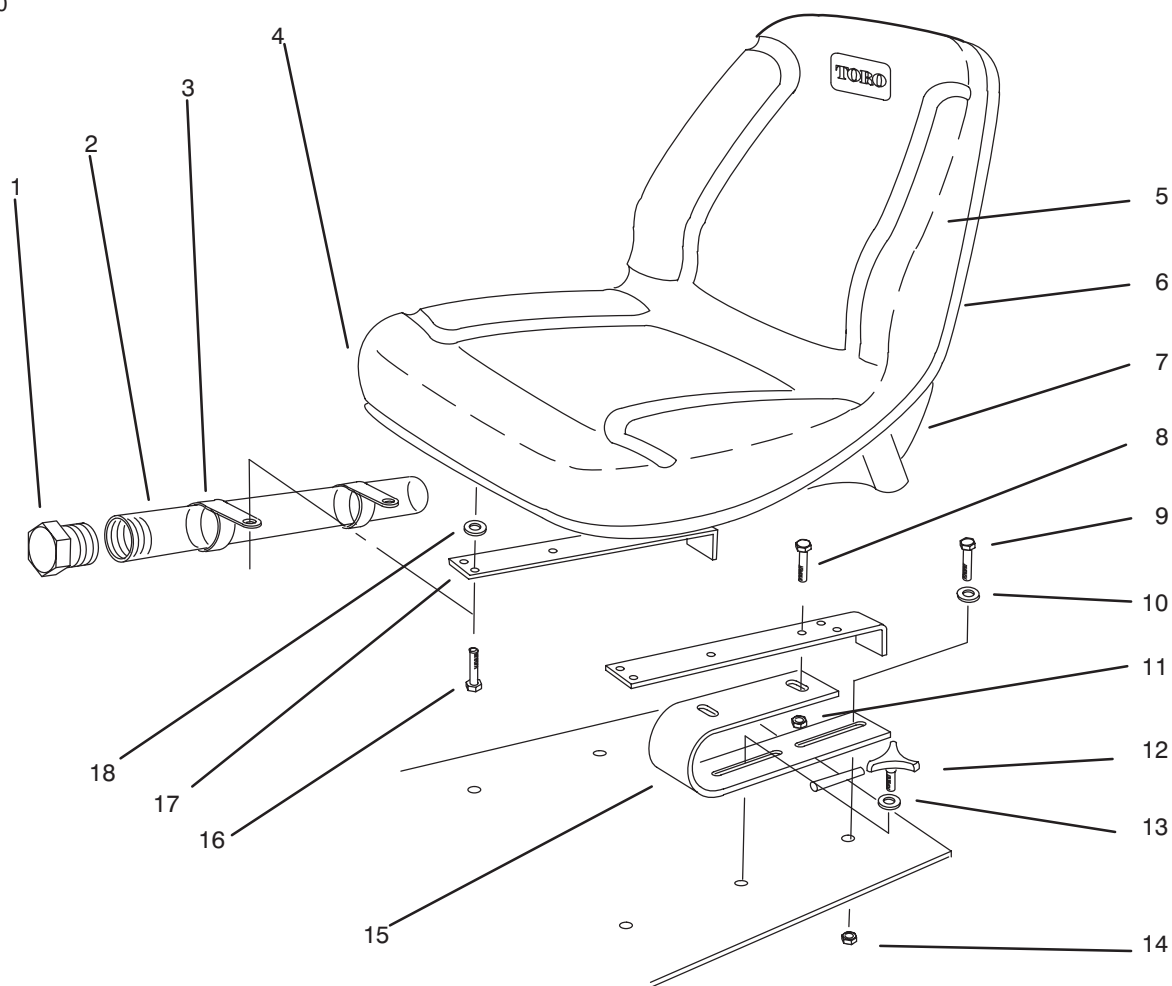
Ref. No.	Part No.	Description	No. Used
10	29-5600	Pivot Bracket Assembly (Incl. Ref. #9)	1
11	3220-3	Nut - Jam	2
12	32128-49	Nut - Hex. Flange	2
13	3220-5	Nut - Jam	1
14	21-0141	Socket Assembly R.H.	1



C-2399

SEAT MOUNT

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	61-8140	Cover - Seat Support (Incl. Ref. #4, 5, 9 & 10)	1	13	38-3170	Pin - Seat Switch	1
2	46-8560	Screw - Hex. Flange Hd.	4	14	3234-13	Screw - Hex. Flange Hd.	1
3	68-7320	Decal - Hydraulic Lift	1	15	37-9770	Support - Seat	1
4	67-1710	Decal - Caution	1	16	3234-11	Screw - Hex. Flange Hd.	4
5	256-173	Bushing	2	17	32128-33	Nut - Hex. Flange Hd.	1
6	38-4020	Mounting - Seat (Incl. Ref. #5)	1	18	29-6930	Arm - Switch	1
7	27-4720	Shaft - Seat Pivot	1	19	3-6685	Spring	1
8	43-8480	Decal - Danger	1	20	27-9870	Pin - Seat Switch	1
9	68-7330	Decal - Caution	1	21	32121-6	Pin - Roll	1
10	27-7310	Decal - Refueling	1	22	32121-4	Pin - Roll	1
11	3269-16	Rivet - Pop	4	23	37-9590	Spring	1
12	249-39	Assembly - Handle	2	24	32121-18	Pin - Roll	1
				25	28-6180	Pin - Pedal	1



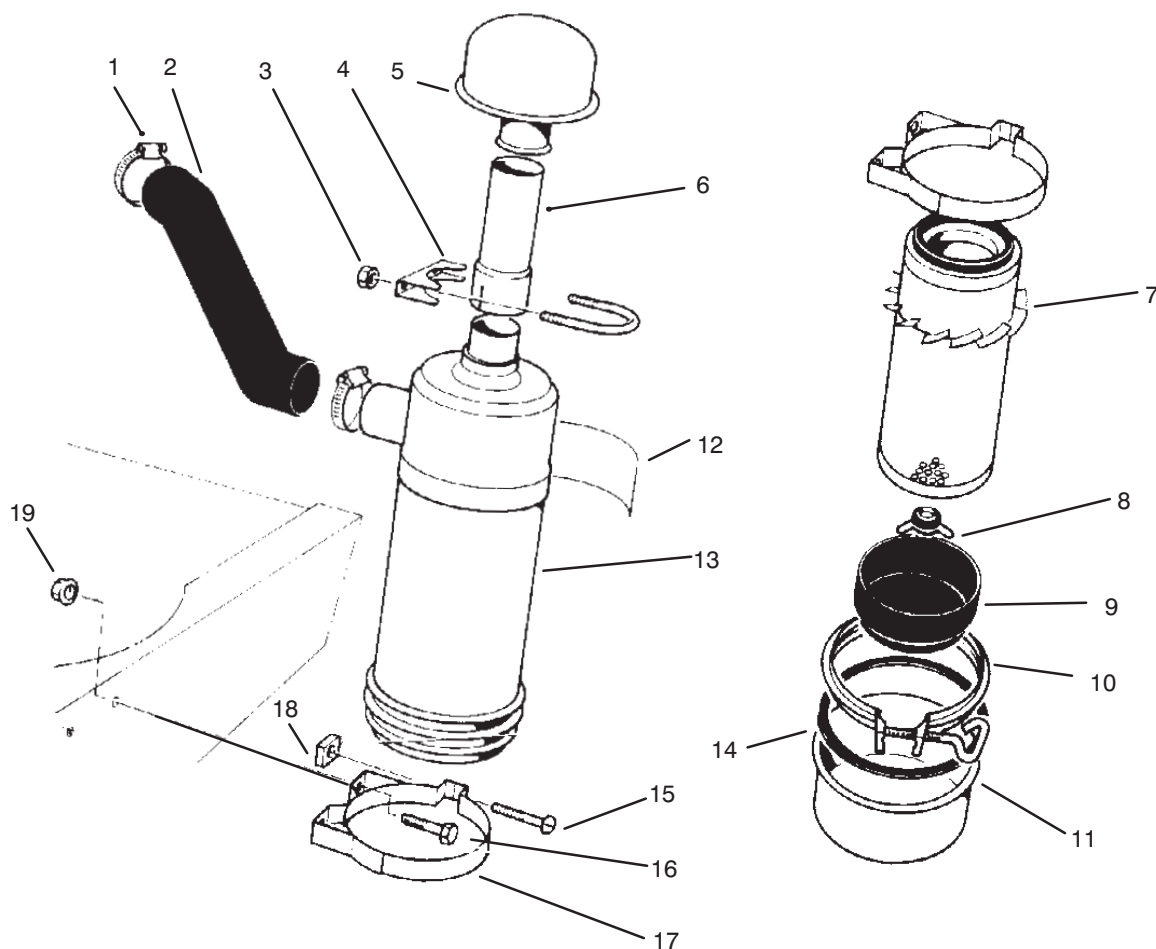
C-1274

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1		Cap – Tube	1
2	74-0720	Tube – Manual	1
3	2412-123	"R" Clamp	2
4	92-1180	Seat	1
5	92-6533	Kit – Cushion	1
6	351-78	Edging	1
7	92-6534	Shell – Seat	1
8	322-5	Screw	4
9	27-5240	Bolt – Shoulder	2

Ref. No.	Part No.	Description	No. Used
10	3256-26	Washer – Flat	2
11	32128-20	Nut	4
12	27-4570	Handle – Adjustment	2
13	36-8020	Washer	2
14	3296-39	Nut – Lock	2
15	46-9110	Spring – Seat	2
16	3234-17	Screw – Hex. Hd.	4
17	46-9120	Mount – Seat	2
18	109989	Spacer	4

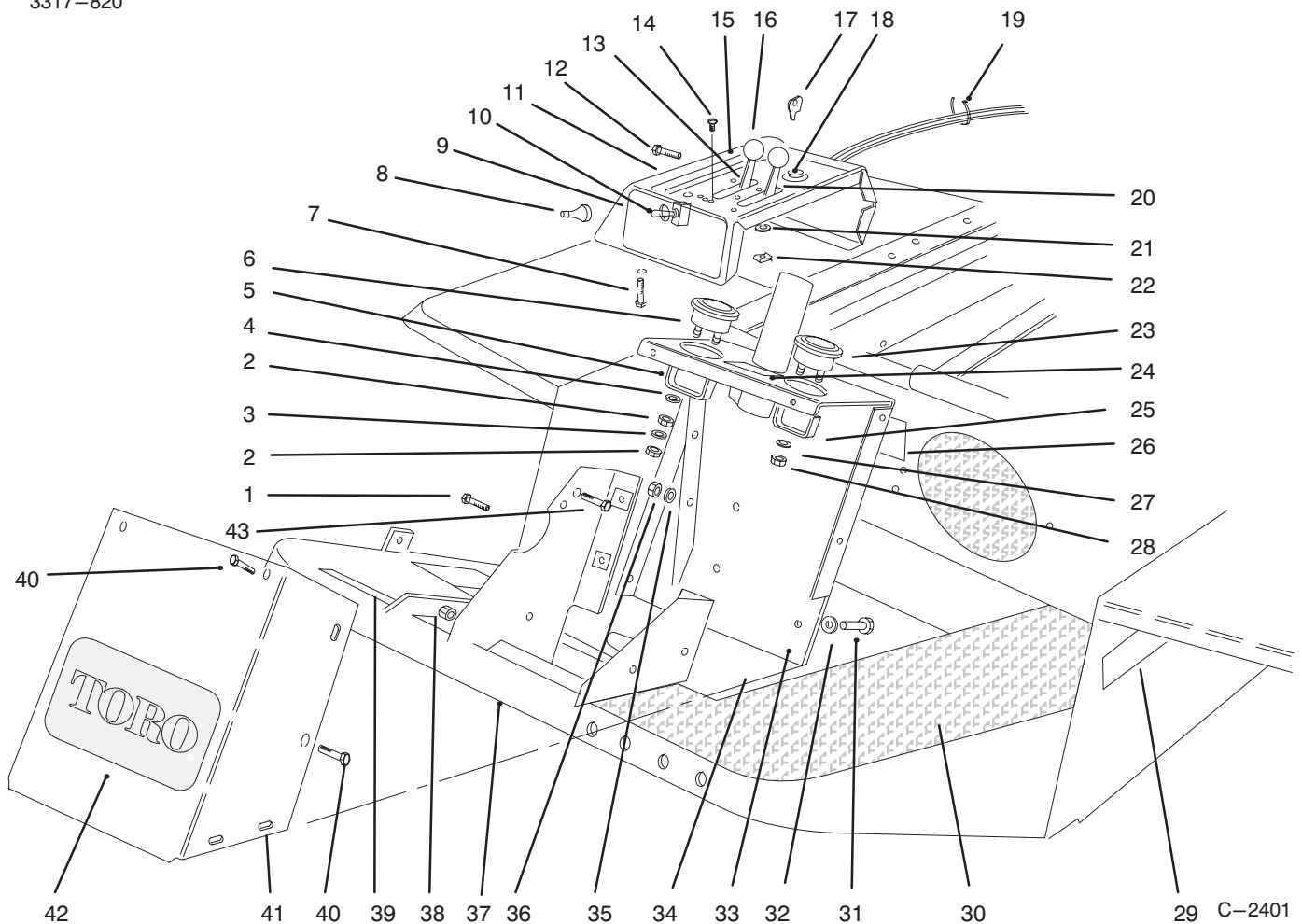
*Not Illustrated



C-2400

AIR CLEANER

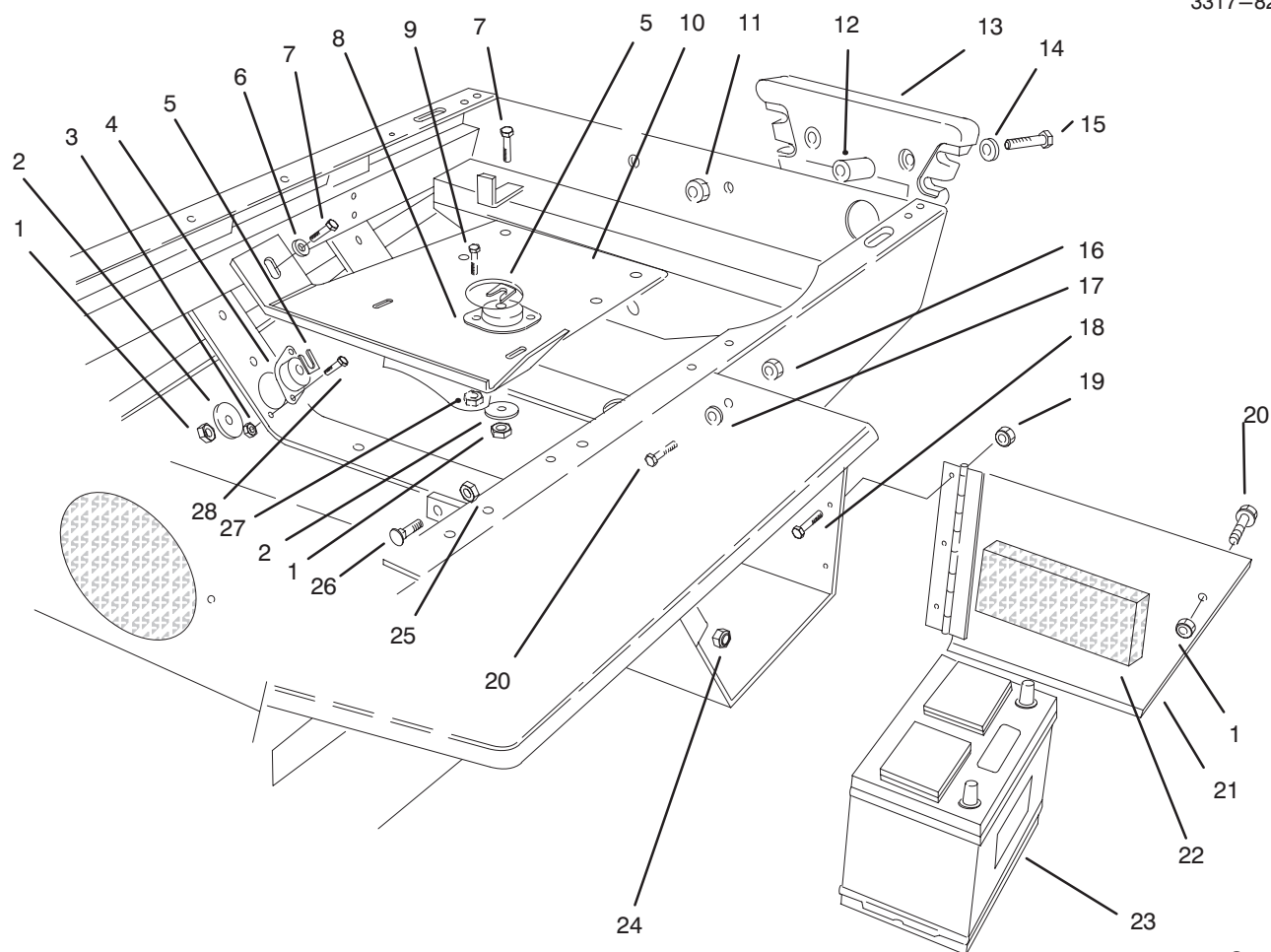
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-42	Clamp - Hose	2	12	27-7160	Decal - Instruction	1
2	44-9050	Hose - Air Cleaner Inlet	1	13	27-7100	Assembly - Air Cleaner (Incl. Ref. 6, 7-10 & 16-18)	1
3	3217-6	Nut - Hex.	2	14	80-3330	Gasket	1
4	20-4840	Clamp - Muffler	1	15	3258-19	Screw - Machine	2
5	27-7180	Assembly - Cap	1	16	322-3	Screw - Hex. Hd.	4
6	44-8950	Tube - Air Cleaner	1	17	27-7170	Assembly - Mounting, Band (Incl. Ref. #13 & 18)	2
7	27-7110	Assembly - Element	1	18	32107-11	Nut - Square	2
8	27-7120	Assembly - Nut & Gasket	1	19	32128-20	Nut - Hex. Flange	4
9	27-7140	Skirt - Baffle	1				
10	27-7130	Assembly - Clamp	1				
11	27-7150	Assembly - Cup	1				



INSTRUMENT PANEL & STEERING POST

Ref. No.	Part No.	Description	No. Used
1	32104-60	Screw - Flange Hex. Hd.	1
2	3219-14	Nut - Brass	6
3	3254-8	Washer - Lock	2
4	3256-21	Washer - Flat	2
5	39-9600	Clamp - Mounting	1
6	33-0990	Ammeter	1
7	32104-116	Screw - Flange Hex. Hd.	2
8	218-473	Boot - Toggle Switch	1
9	46-3460	Decal - By-Pass	1
10	6-1659	Switch - Toggle (Incl. Ref. #7)	1
11	46-3350	Panel - Instrument	1
12	3234-4	Screw - Hex. Flange Hd.	1
13	44-9300	Control - Choke	1
14	3251-3	Screw - Mach. Rd. Hd.	4
15	68-7350	Decal - Instrument Panel	1
16	233-35	Knob	2
17	63-8360	Key	1
18	27-2360	Switch - Ignition	1
19	3290-378	Tie - Cable	1
20	44-9250	Control - Throttle	1
21	3256-22	Washer - Flat	1

Ref. No.	Part No.	Description	No. Used
22	32149-7	Nut - Keps	4
23	12-9990	Meter - Hour	1
24	41-8910	Decal - Instruction	1
25	218-515	Bracket - Mounting	1
26	53-4430	Decal - Oil	1
27	3254-1	Washer - Ext. Tooth	1
28	3217-26	Nut - Hex.	1
29	75-0810	Decal	2
30	27-3250	Nonskid - Tunnel	1
31	324-6	Screw - Hex. Hd.	3
32	3253-6	Washer - Lock	3
33	42-2580	Bracket - Steering Post	1
34	27-3260	Nonskid - Floor	1
35	3253-21	Washer - Lock	1
36	3217-7	Nut - Hex.	1
37	86-7290	Frame Assembly	1
38	3296-42	Nut - Lock	2
39	27-7320	Decal - Traction Pedal	1
40	46-8560	Screw - Self Tap. Hex. Hd.	11
41	41-8900	Cover - Steering Tower	1
42	62-7400	Decal - Toro	1
43	3234-11	Screw - Hex. Flange Hd.	1



C-2402

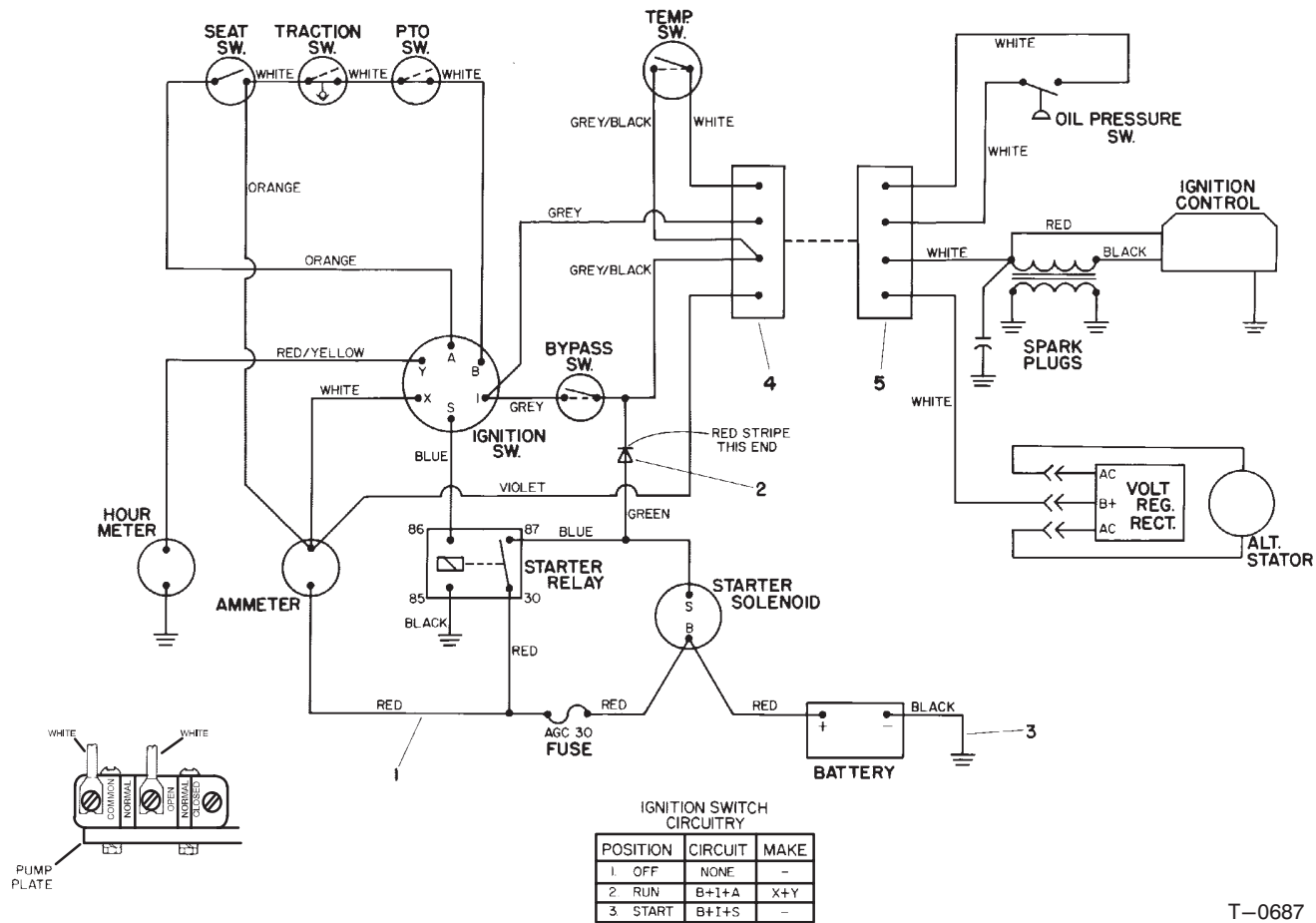
ENGINE MOUNT, BATTERY & REAR WEIGHT

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-39	Nut - Lock	5	15	325-8	Screw	2
2	63-7400	Washer	4	16	3290-357	Nut - Flange Lock	1
3	3296-29	Nut - Lock	4	17	3255-9	Washer - Lock	1
4	44-9390	Mount - Engine Rubber	2	18	3274-31	Screw - Cap Button Hd.	3
5	42-6080	Shim - Axle	A/R	19	3296-42	Nut - Lock	3
6	3256-24	Washer - Flat	2	20	3234-11	Screw - Flange Hex. Hd.	2
7	323-12	Screw - Hex. Hd.	4	21	44-8920	Cover - Battery	1
8	18-8000	Mount - Rubber	2	22	44-9460	Foam - Battery Cover	1
9	3290-134	Screw - Mach. Hex. Hd.	4	+23		Assembly - Battery	1
10	44-9320	Base - Engine	1	24	3290-433	Retainer - Grip Nut	1
11	3217-9	Nut	4	25	3218-3	Nut - Hex. Jam	1
12		Spacer	2	26	3231-29	Bolt - Carriage	1
13	24-5790	Weight - Rear	1	27	3296-2	Nut - Lock	4
14	3253-7	Washer - Lock	2	28	322-3	Screw - Hex. Hd.	4

+Obtain locally. Group Size 26

TRACTOR WIRING HARNESS

ENGINE WIRING HARNESS

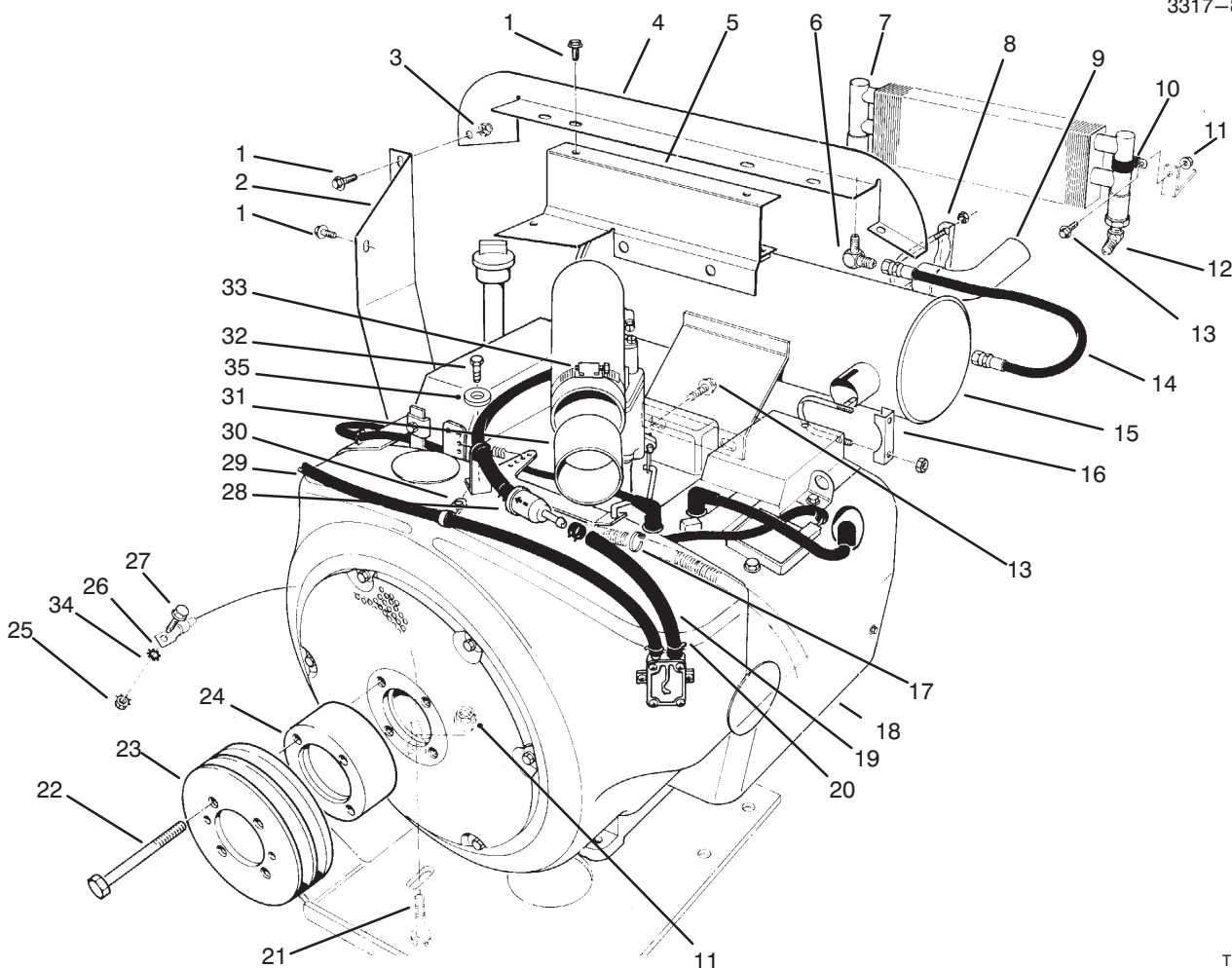


T-0687

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	86-9470	Harness - Wire (Incl. Ref. #2)	1	5	72-4010	Housing - Receptacle	1
2	86-7470	Diode	1	*	72-4000	Terminal - Receptacle	5
3	27-5090	Wire - Battery Ground	1	*	72-4030	Housing	1
4	72-4020	Housing - Tab	1	*	71-6070	Harness - Wiring	1
*	72-4040	Terminal - Tab	4	*	72-3990	Terminal - Ring	1
				*	28-1280	Boot - Battery Cable	1

*Not Illustrated



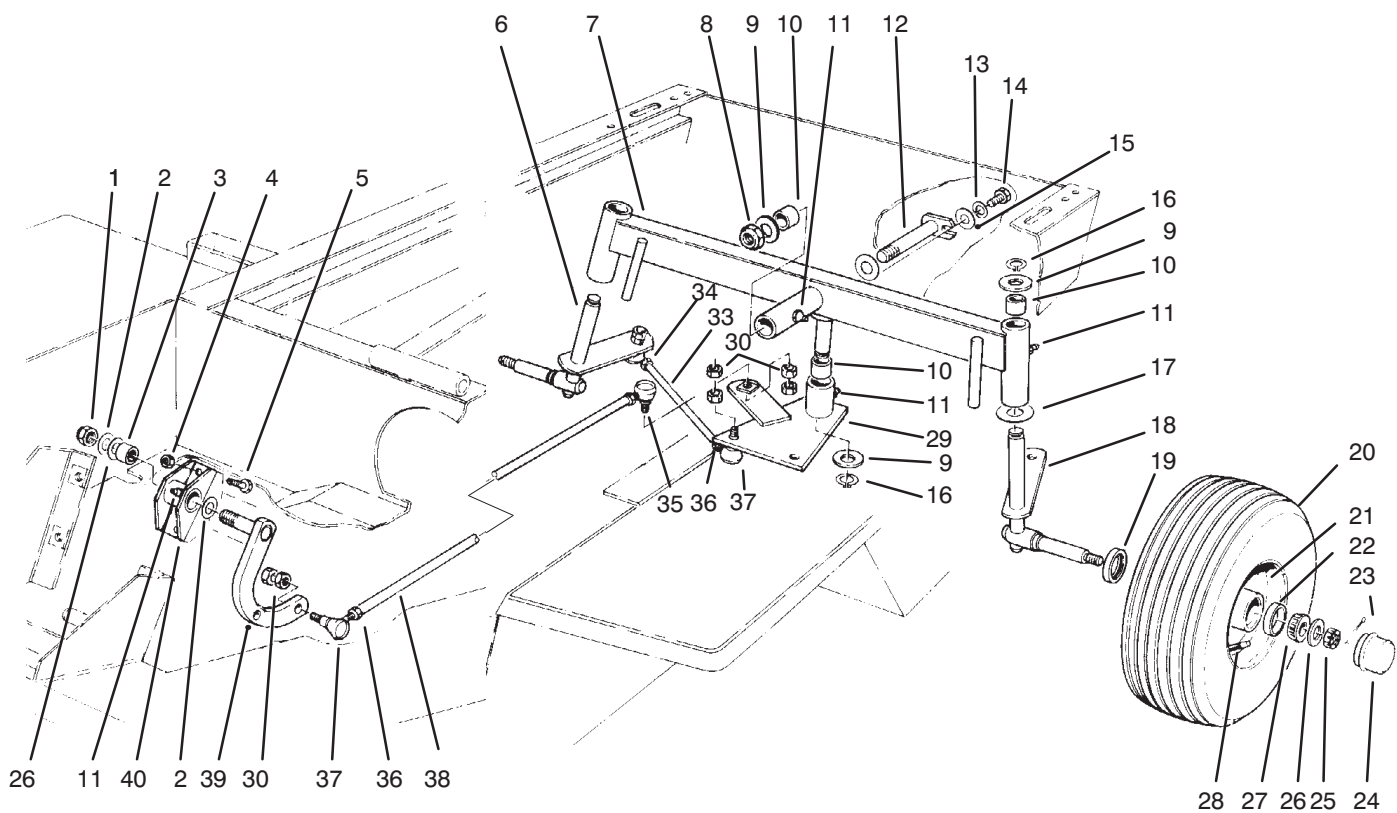
T-0688

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-13	Screw - Hex Flange. Hd.	10
2	44-8690	Shield - Heat	1
3	3296-16	Nut - Lock	1
4	44-8710	Shroud - Engine	1
5	44-9010	Bracket - Shield Support	1
6	353-428	Elbow - Male 90°	1
7	22-7320	Cooler - Oil	1
8	2112-9	Clamp	1
9	72-7930	Extension	1
10	2412-39	"R" Clamp	2
11	3290-357	Nut - Flange Lock	4
12	353-714	Elbow - Male 45°	1
13	3234-11	Screw - Flange Lock	4
14	44-9020	Oil Hose Assembly	1
15	72-7920	Muffler	1
*	46-2390	Muffler - Spark Arrester (Optional)	1
16	2412-37	Clamp - Muffler	2
17	3290-378	Tie - Cable	3

Ref. No.	Part No.	Description	No. Used
18	94-1812	Engine - Onan (Model No. P220G-I/10808G)	1
19	59-0710	Hose - Fuel	1
20	2412-36	Clamp - Hose	5
21	3234-18	Screw - Hex. Flange Hd.	2
22	3235-23	Screw - Hex. Hd.	4
23	43-5340	Pulley - Engine	1
24	71-0700	Spacer	1
25	32149-2	Nut - Lock	1
26	10-7160	Assembly - Wire	2
27	3234-4	Screw - Flange Hex. Hd.	1
28	71-5960	Filter - Fuel	1
29	71-3370	Line - Fuel	1
30	2412-142	"R" Clamp	1
31	44-9450	Adapter - Air Inlet	1
32	49-2040	Screw - Self Tapping	1
33	2412-42	Clamp - Hose	1
34	3255-7	Washer - Lock	1
35	3256-3	Washer	1

*Not Illustrated



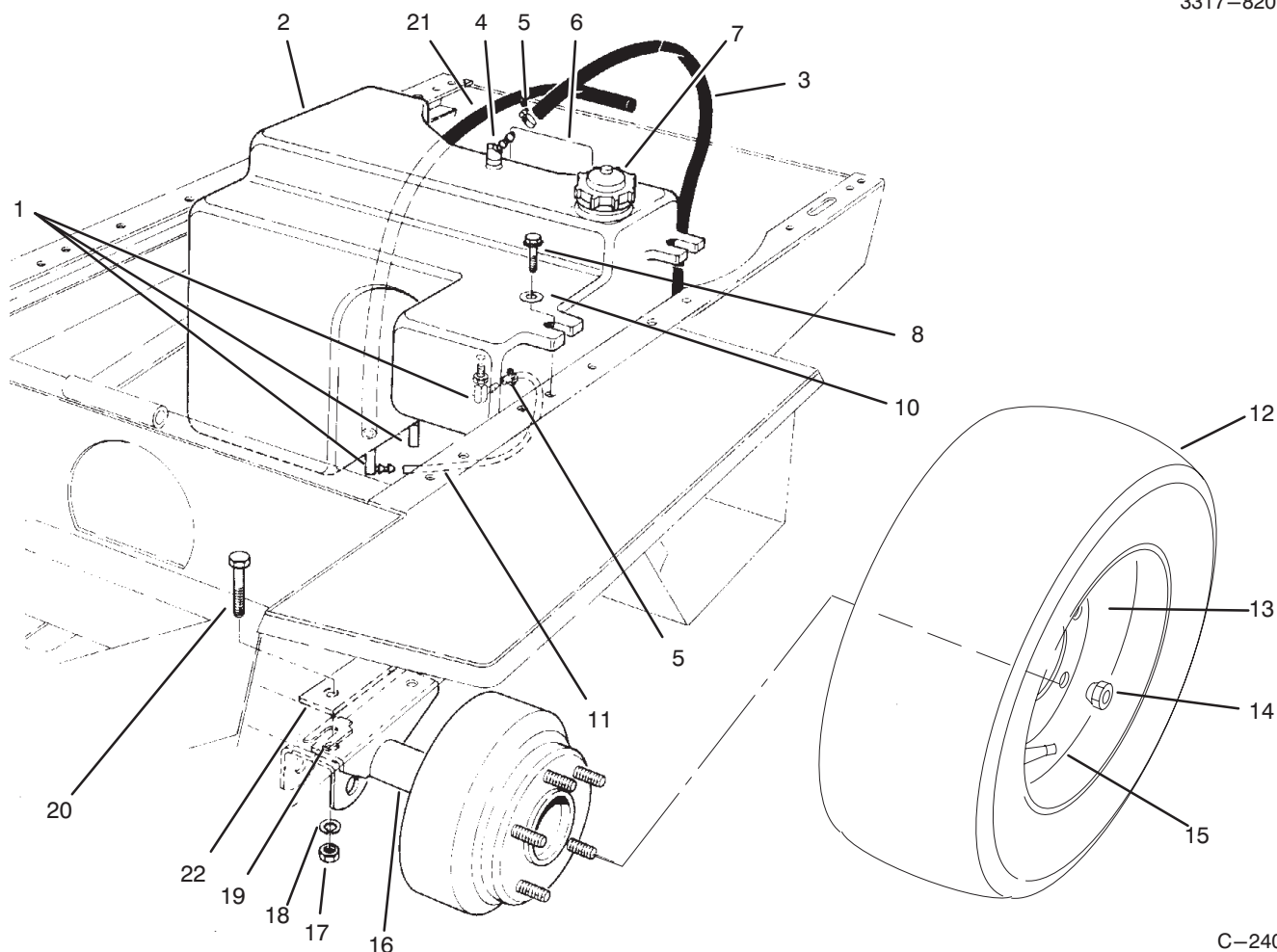
C-2403

REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-15	Nut - Lock	1
2	3-6514	Washer - Thrust	2
3	252-6	Bearing	2
4	3296-44	Nut - Lock	2
5	323-5	Screw - Hex. Hd.	2
6	39-8900	Spindle - R.H.	1
7	44-9090	Axle - Rear (Incl. Ref. #10 & 11)	1
8	3296-49	Nut - Lock	1
9	10-8110	Washer	4
10	3-0348	Bushing	8
11	302-5	Fitting - Grease	4
12	27-4060	Pin - Rear Axle	1
14	3234-13	Screw - Hex. Flange Hd.	1
16	32151-36	Ring - Retaining	3
17	256-121	Bushing	2
18	39-8850	Spindle - L.H.	1
19	253-129	Seal - Oil	2
20	231-104	Tire	2
*	232-39	Tube - Inner (Optional)	2

Ref. No.	Part No.	Description	No. Used
21	217-108	Rim (Incl. Ref. #22)	2
22	254-72	Cup - Bearing	4
23	3272-13	Pin - Cotter	2
24	241-119	Cap - Dust	2
25	32136-5	Nut - Hex. Castle	2
26	3256-28	Washer - Flat	3
27	254-94	Cone - Bearing	4
28	232-35	Valve Stem w/Cap	2
29	44-9120	Steering Plate Assembly (Incl. Ref. #10 & 11)	1
30	3220-3	Nut - Jam	12
33	27-4090	Rod - Tie	2
34	3220-12	Nut - Hex. Jam	3
35	21-0151	Socket Assembly L.H.	3
36	3220-5	Nut - Hex. Jam	3
37	21-0141	Socket Assembly R.H.	3
38	44-9110	Tube - Steering	1
39	27-5230	Arm - Pivot	1
40	27-3640	Pivot Mount Assembly (Incl. Ref. #3 & 11)	1

*Not Illustrated

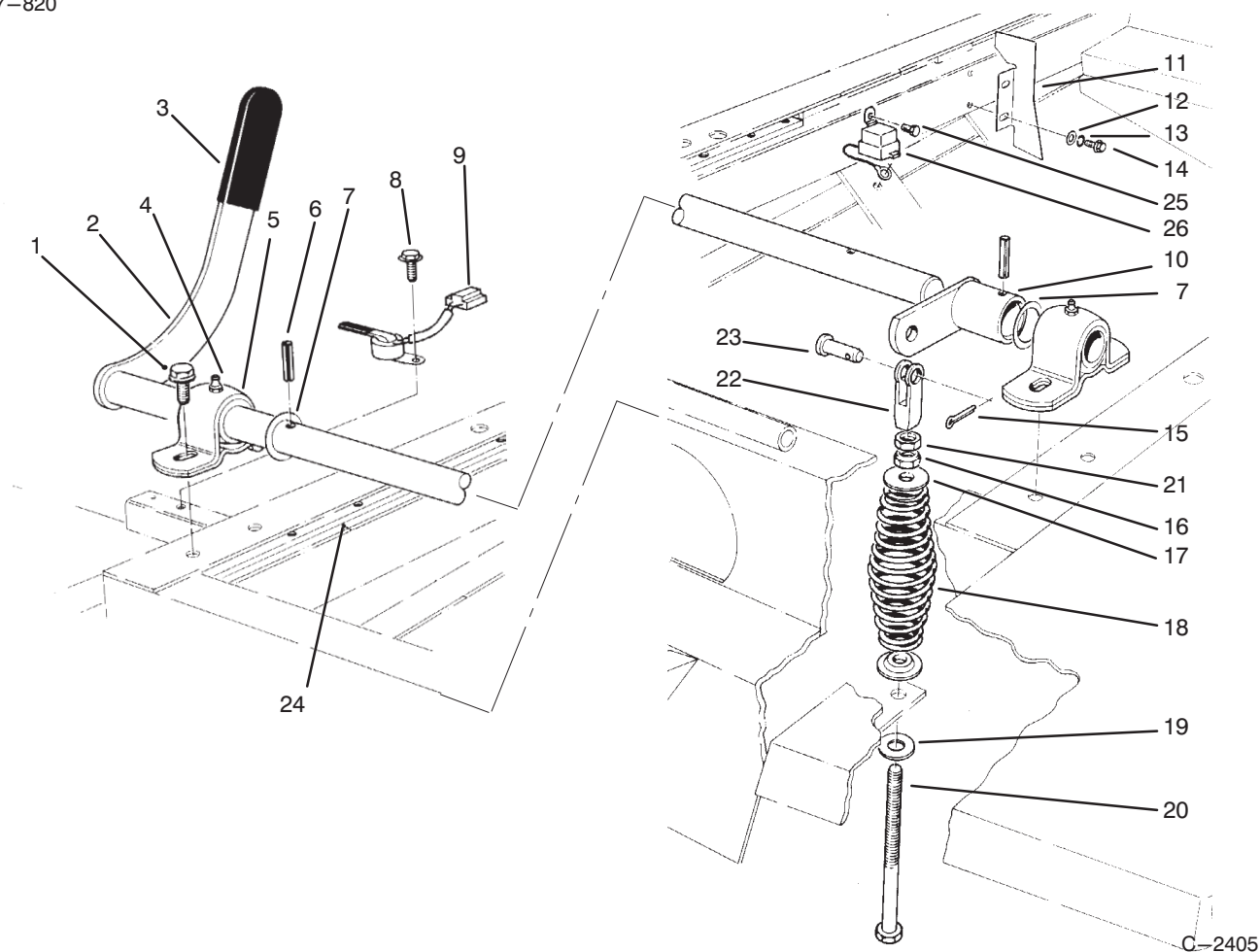


C-2404

FUEL TANK & AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	353-536	Elbow - 90°	3	13	217-107	Rim	2
2	43-5350	Tank - Fuel (Incl. Ref. #1 & 3)	1	14	242-35	Nut - Hex.	10
3	37-9920	Hose	1	15	232-35	Valve Stem w/Cap	2
4	353-705	45° Elbow	1	16	86-9660	Axle Assembly	1
5	2412-108	Clamp - Worm Drive	5	17	3217-8	Nut - Hex.	4
6	43-8480	Decal - Danger	1	18	3253-6	Washer - Lock	4
7	55-3574	Cap - Fuel	1	19	42-6080	Shim - Axle	A/R
8	3234-18	Screw - Hex. Hd.	3	20	324-9	Screw - Hex. Hd.	4
10	3256-41	Washer - Flat	3	21	71-3370	Hose - Fuel	1
11	61-9650	Hose - Fuel	1	22	92-6312	Spacer	2
12	231-103	Tire	2	*	232-43	Tube - Inner (Optional)	2

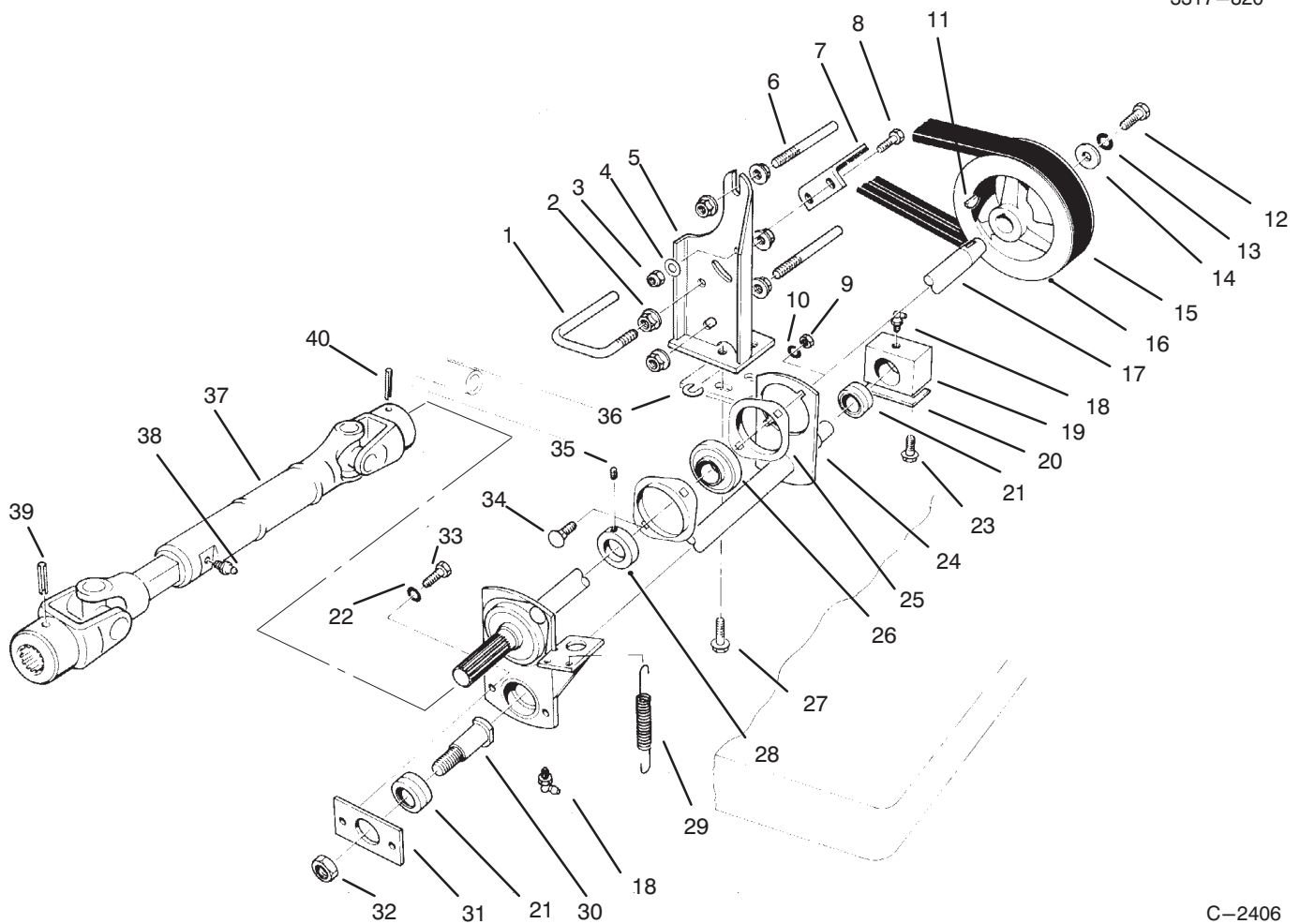
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POWER TAKE-OFF LEVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-4	Screw - Hex. Flange Hd.	4
2	27-4910	Lever - Power Take-Off	1
3	21-1880	Grip - Handle	1
4	302-5	Fitting - Grease	2
5	251-269	Bearing - Pillow Block	2
6	32121-31	Pin - Roll	2
7	3-6514	Washer	2
8	32104-116	Screw - Flange Hex. Hd.	1
9	29-6930	Arm - Switch	1
10	47-4780	Arm - Engagement	1
11	44-8680	Shield - Heat	1
12	3256-23	Washer - Flat	2
13	3253-4	Washer - Lock	2

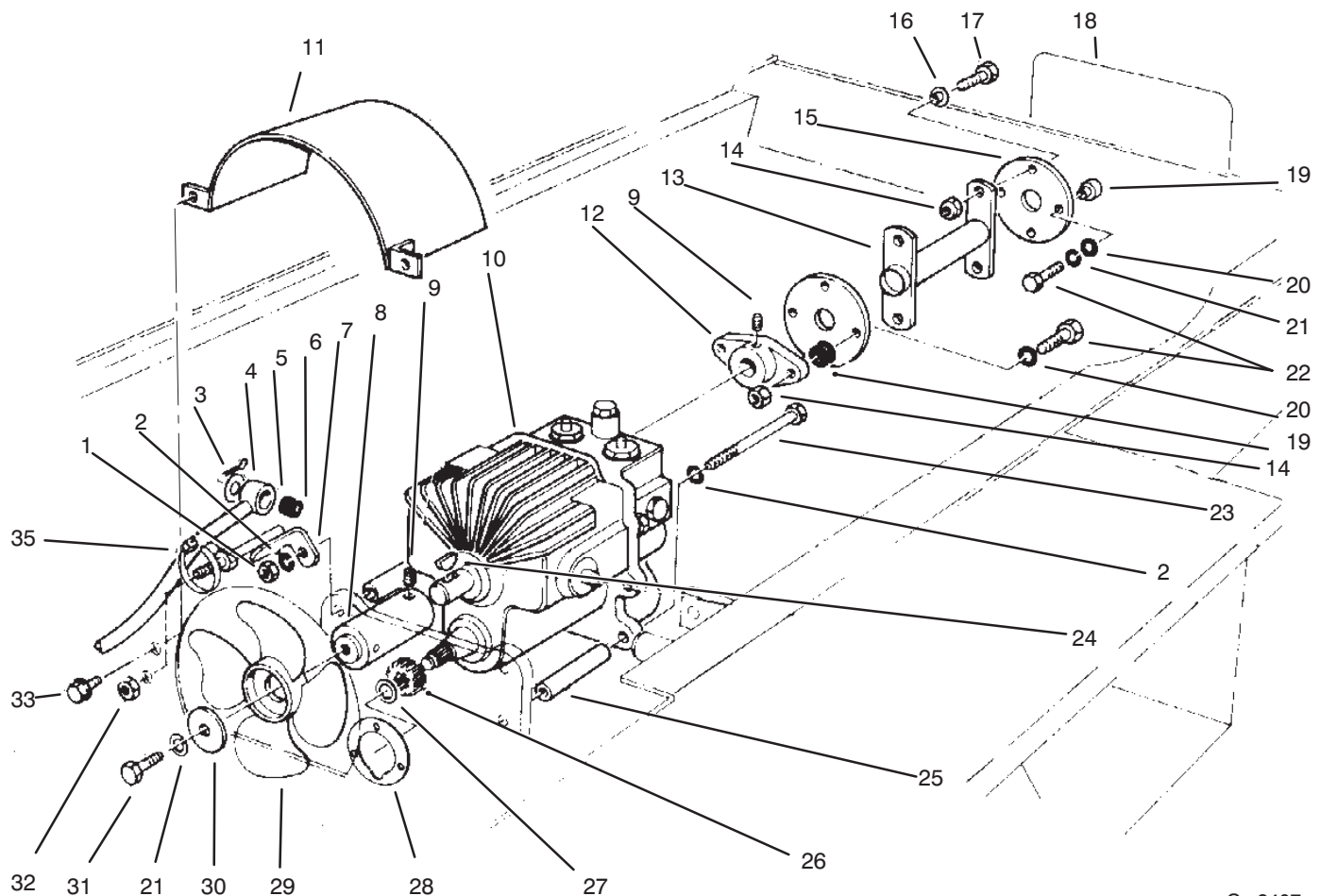
Ref. No.	Part No.	Description	No. Used
14	32144-11	Screw - Self Tap. Hex. Hd.	2
15	3272-5	Pin - Cotter	1
16	3296-5	Nut - Lock	1
17	44-8890	Retainer - Spring	2
18	44-8820	Spring - Compression	1
19	3256-41	Washer - Flat	1
20	27-7900	Screw - Adjusting	1
21	3220-3	Nut - Hex. Jam	1
22	281-1	Yoke	1
23	283-42	Pin - Clevis	1
24	37-7060	Bar - Frame Rail	2
25	63-7590	Relay	1
26	32104-17	Screw - Flange Hex. Hd.	1



C-2406

POWER TAKE-OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	44-9220	Guide - Belt (Lower)	1	21	251-268	Bearing	2
2	3290-357	Nut - Flange Lock	6	22	3253-3	Washer - Lock	2
3	3296-29	Nut - Lock	2	23	3234-21	Screw - Hex. Flange Hd.	2
4	3256-23	Washer - Flat	2	24	44-9350	Arm - Engagement	1
5	44-9310	Bracket - Brake	1	25	251-255	Bearing - Flange	4
6	44-9230	Guide - Belt	2	26	251-253	Bearing w/Collar (Incl. Ref. #28 & 35)	2
7	44-9330	Support Pad Assembly Power Take-Off Brake	1	27	3234-11	Screw - Hex. Hd.	3
8	322-4	Screw - Hex. Hd.	2	28	251-77	Collar - Locking	2
9	3217-6	Nut - Hex.	4	29	28-8950	Spring - Extension	2
10	3253-4	Washer - Lock	4	30	27-6970	Stud - Bearing	1
11	3257-5	Key - Woodruff	1	31	27-6650	Retainer - Bearing	1
12	323-18	Screw - Hex. Hd.	1	32	3296-33	Nut - Lock	1
13	3253-21	Washer - Lock	1	33	321-3	Screw - Hex. Hd.	2
14	29-4730	Washer	1	34	3230-16	Bolt - Carriage	4
15	44-8990	V-Belt - Torque Team	1	35	3245-1	Screw - Set	2
16	43-5320	Pulley - P.T.O.	1	36	28-5640	Washer - Special	A/R
17	27-4980	Shaft - P.T.O.	1	37	27-4520	U/Joint Shaft Assembly	1
18	302-40	Fitting - Grease	2	38	302-5	Fitting - Grease	1
19	28-9050	Hub - Bearing	1	39	32121-34	Pin - Roll	1
20	47-4760	Shim - P.T.O. Block	1	40	32121-119	Pin - Roll	1

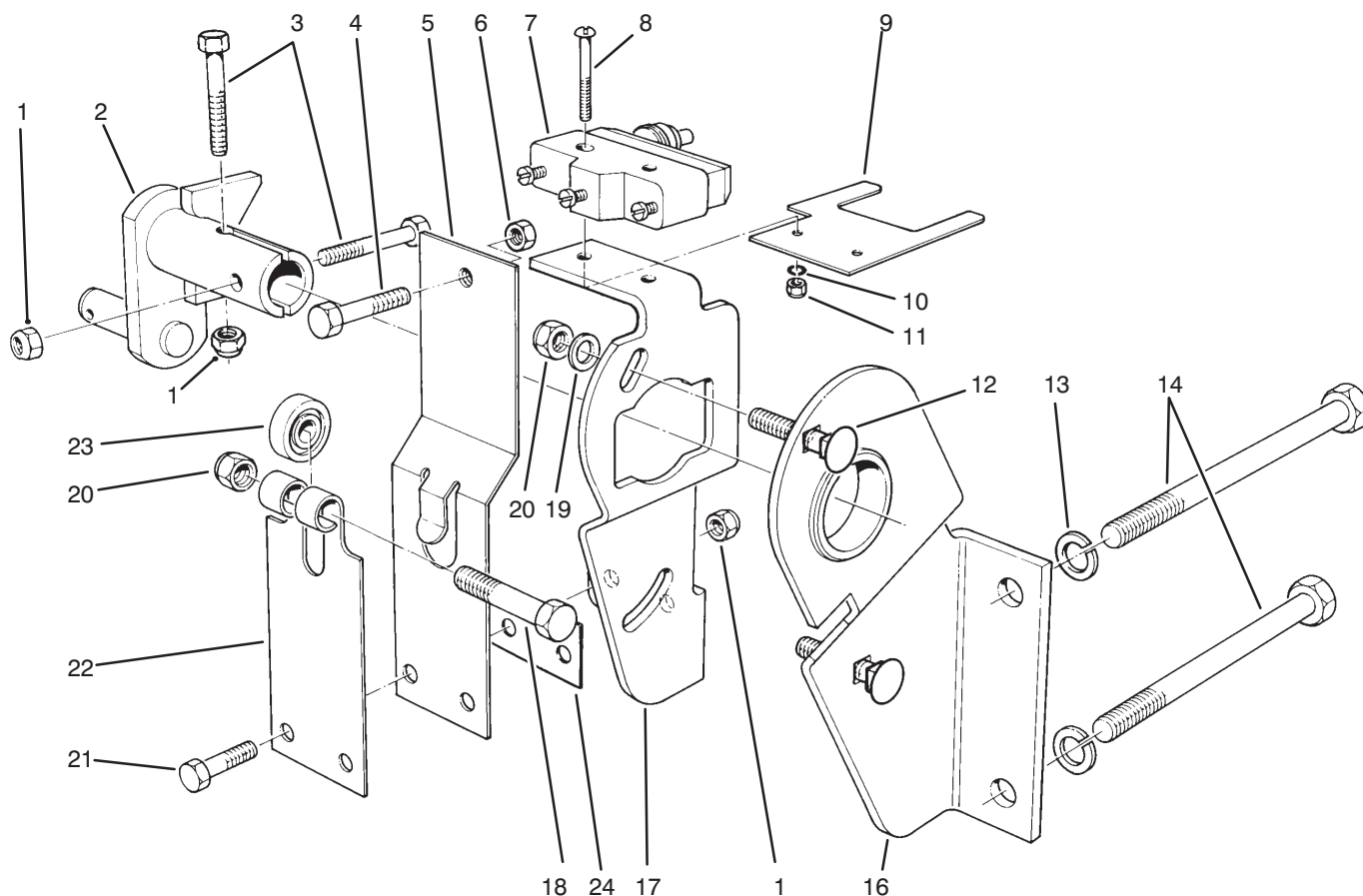


C-2407

TRANSMISSION & DRIVE COUPLING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3217-7	Nut - Hex.	1
2	3253-21	Washer - Lock	3
3	3272-10	Pin - Cotter	1
4	3256-26	Washer - Flat	1
5	27-4160	Tube - Pump Control	1
6	23-2270	Bushing - Rubber	1
7	27-5310	Support - Axle	1
8	27-4340	Assembly - Hub & Plug	1
9	3245-1	Screw - Set	4
10	49-7910	Transmission	1
11	27-3270	Shroud - Fan	1
12	27-4370	Hub - Pump	1
13	44-8720	Shaft - Drive	1
14	32152-5	Nut - Lock	6
15	44-2230	Coupling - Rubber	2
16	27-6600	Spacer - Rubber Coupling	4
17	3210-5	Screw - Hex. Hd.	4

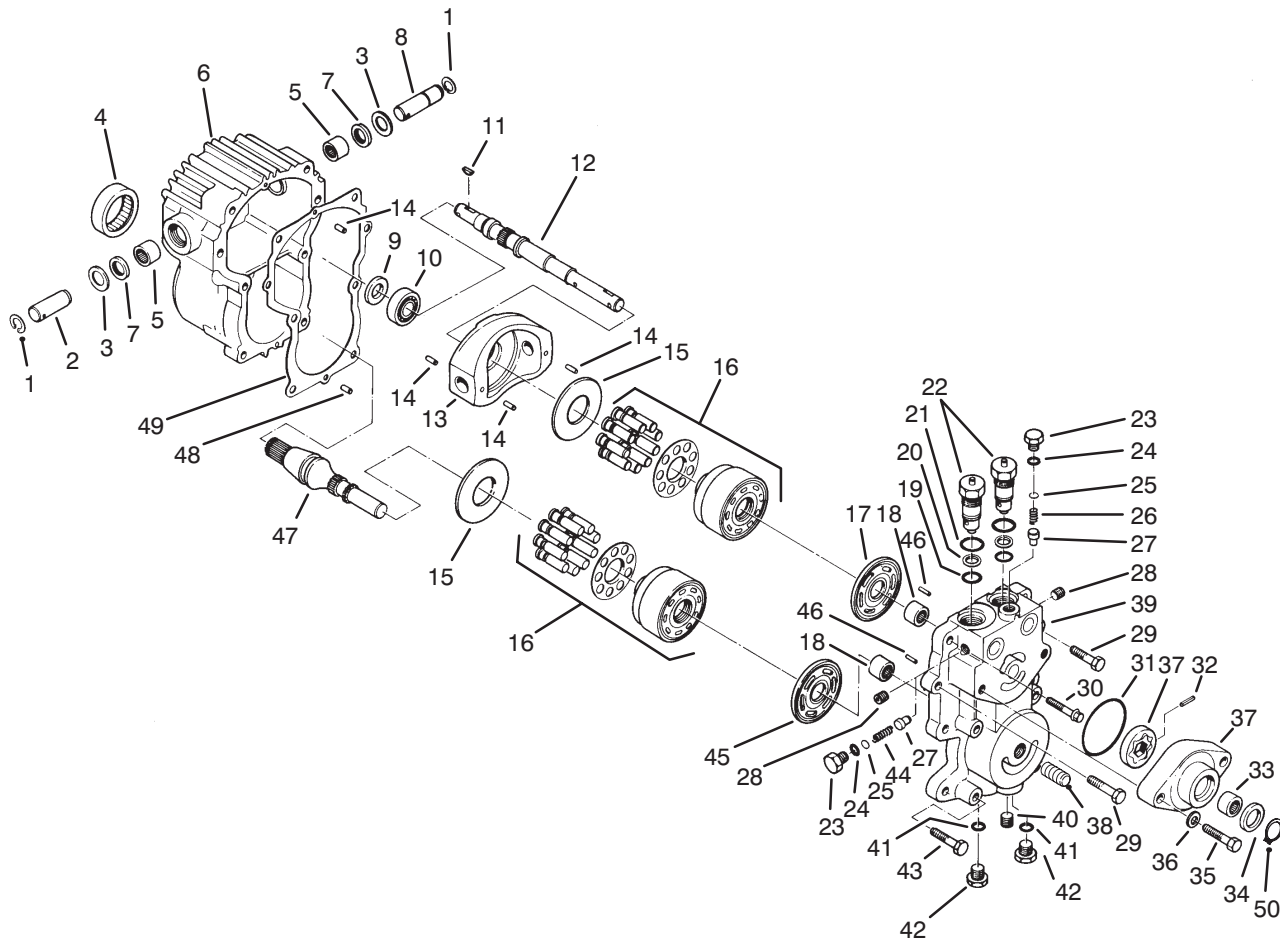
Ref. No.	Part No.	Description	No. Used
19	33-2020	Spacer	4
20	3256-3	Washer - Flat	4
21	3253-4	Washer - Lock	2
22	3210-8	Screw - Hex. Hd.	4
23	323-38	Screw - Hex. Hd.	2
24	3257-5	Key - Woodruff	2
25	27-3680	Spacer - Mounting	4
26	86-7220	Gear - Spur	1
27	32120-72	Ring - Retaining	1
28	27-3690	Gasket - Transmission	1
29	27-3740	Fan	1
30	27-4360	Washer	1
31	322-5	Screw - Hex. Hd.	1
32	3218-5	Nut - Hex. Jam	2
33	3234-13	Screw - Hex. Flange Hd.	2
35	3290-378	Tie - Cable	1



T-0538

TRANSMISSION INTERLOCK ASSEMBLY

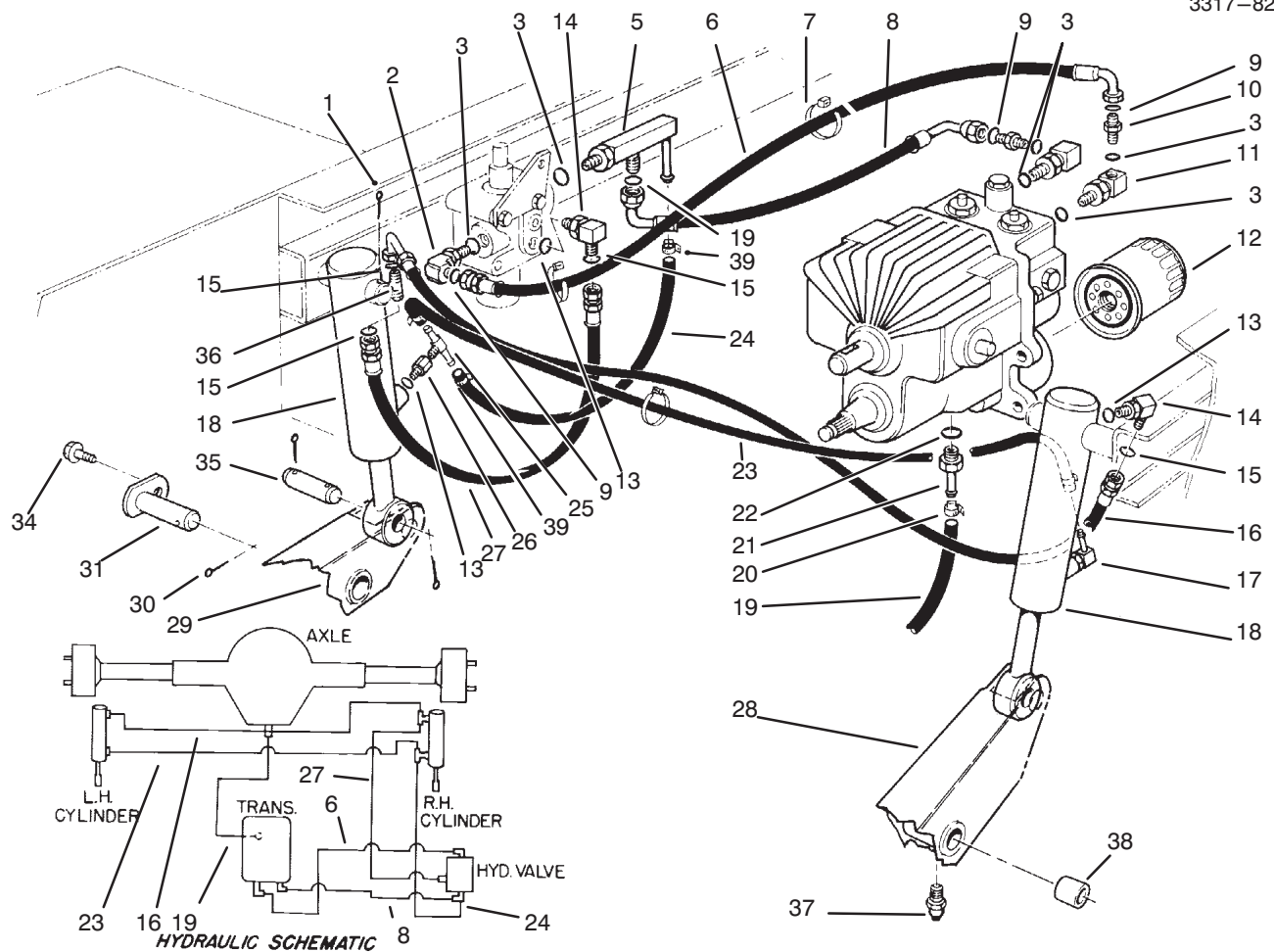
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-42	Nut - Lock	4	13	3253-21	Washer - Lock	2
2	29-9790	Pump - Lever	1	14	323-39	Screw - Hex. Hd.	2
3	321-9	Screw - Hex. Hd.	2	16	52-8890	Bracket - Mounting	1
4	3210-7	Screw - Hex. Hd.	1	17	52-9070	Plate - Pump	1
5	29-6170	Spring - Extended Leaf	1	18	322-17	Screw - Hex. Hd.	1
6	3219-2	Nut - Hex.	1	19	3256-2	Washer - Flat	2
7	29-6163	Micro Switch	1	20	3296-29	Nut - Lock	3
8	3249-11	Screw - Round Hd.	2	21	321-4	Screw - Hex. Hd.	2
9	46-8810	Stop - Leaf Spring	1	22	29-6150	Spring - Leaf	1
10	3254-9	Washer - Int. Tooth	2	23	251-259	Bearing - Ball	1
11	3217-16	Nut - Hex.	2	24	51-3150	Shim	1
12	3230-2	Carriage - Bolt	2				



T-0536

TRANSMISSION ASSEMBLY NO. 49-7910

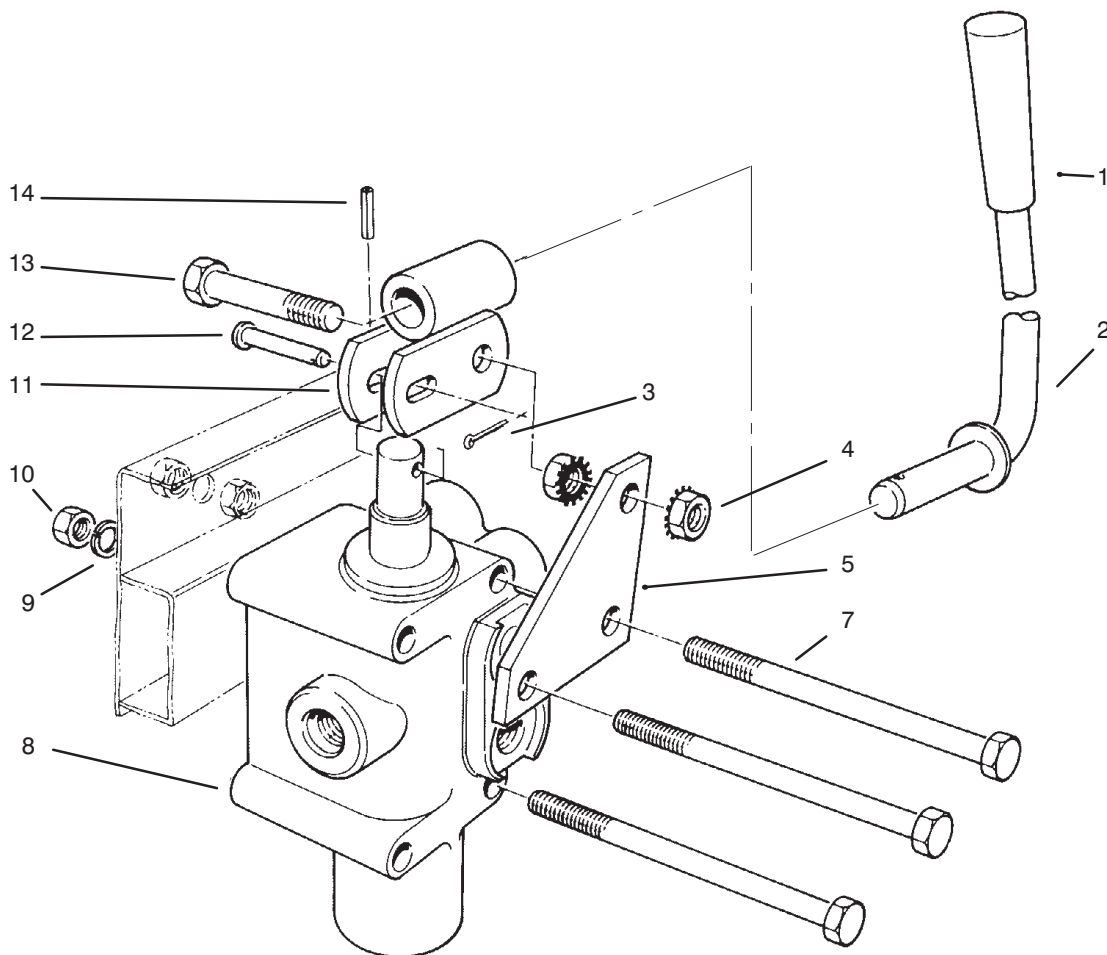
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32151-46	Ring - Retaining	2	26	46-7310	Relief Valve Spring Imp.	1
2	25-2500	Shaft - Trunion	1	27	28-3420	Relief Valve Cone Charge	2
3	25-2510	Washer	2	28	285-17	Plug - Pipe	4
4	28-3300	Bearing - Roller	1	29	323-8	Screw - Hex. Hd.	2
5	28-3310	Bearing - Needle	2	30	28-3530	Screw - Hex. Hd.	2
6	49-7870	Housing	1	31	28-3520	"O"Ring	1
7	25-3210	Lip Seal	2	32	38-2680	Pin	1
8	28-3670	Shaft - Trunion	1	33	28-3480	Bearing - Needle	1
9	28-3660	Lip Seal	1	34	28-3470	Lip Seal	1
10	28-3650	Bearing - Ball	1	35	324-23	Screw - Hex. Hd.	2
11	3257-5	Key - Woodruff	2	36	28-3450	Washer - Flat	2
12	28-3640	Shaft - Pump	1	37	38-2670	Kit - Charge Pump (Incl. Ref. #31-34)	1
13	49-7820	Variable Swashplate	1	38	25-2660	Union - Filter	1
14	32121-91	Pin	3	39	49-7850	Center Section	1
15	25-2380	Plate - Thrust	2	40	46-7280	Plug - Pipe	1
16	48-1800	Kit - Cylinder Block	2	41		"O"Ring	2
17	46-7320	Plate - Pump Valve	1	42	28-3440	Threaded Plug (Incl. Ref. #41)	2
18	25-3300	Bearing - Needle	2	43	323-10	Screw - Hex. Hd.	4
19	28-3590	"O"Ring	2	44	25-2480	Relief Valve Spring Charge	1
20	28-3580	Ring - Backup	2	45	28-3380	Plate - Motor Valve	1
21	28-3570	"O"Ring	2	46	25-2430	Pin	2
22	49-7830	Assembly - Check Valve (Incl. Ref. #19-21)	2	47	49-8200	Shaft - Motor	1
23	25-2460	Hex Hd. Plug	2	48	28-3350	Pin	2
24	28-3400	"O"Ring	2	49	28-3340	Gasket	1
25	25-2470	Shim Pack	A/R				



T-0691

HYDRAULIC VALVE & LIFT ARM CYLINDERS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3272-23	Pin - Cotter	6	21	354-24	Fitting (Incl. Ref. #22)	1
2	340-77	90° Elbow	1	22	237-80	"O"Ring	1
3	237-42	"O"Ring	6	23	27-4480	Hose - Pressure, Low	1
5	71-0590	Assembly - Fitting	1	24	71-3770	Hose - Pressure, Low	1
6	71-0670	Hose - Trans. to Valve	1	25	353-567	Fitting - Tee, Male	1
7	3290-378	Tie - Cable	3	26	353-565	Fitting - Connector	1
8	66-8190	Hose	1	27	71-0690	Hose - Cyl. Tee to Valve	1
9	237-22	"O"Ring	4	28	76-3090	Arm - Lift, L.H.	1
10	82-8530	Fitting - Straight	2	29	76-3080	Arm - Lift, R.H.	1
11	66-3110	Fitting	2	30	3272-17	Pin - Cotter	2
12	23-2300	Filter - Oil	1	31	27-4310	Pin - Pivot	2
13	237-78	"O"Ring	3	34	3232-13	Screw - Hex. Flange Hd.	2
14	71-3270	90° Elbow	2	35	27-4240	Pin - Cylinder	2
15	237-150	"O"Ring	4	36	340-125	Fitting - Tee, Adjustment	1
16	71-0680	Hose	1	37	302-62	Fitting - Grease	2
17	304-99	90° Barb Hose Stem	1	38	256-101	Bushing	4
18	68-9700	Assembly - Hyd. Cylinder	2	39	2412-108	Clamp	4
19	66-8130	Hose	1				
20	2412-36	Clamp - Worm Drive	4				

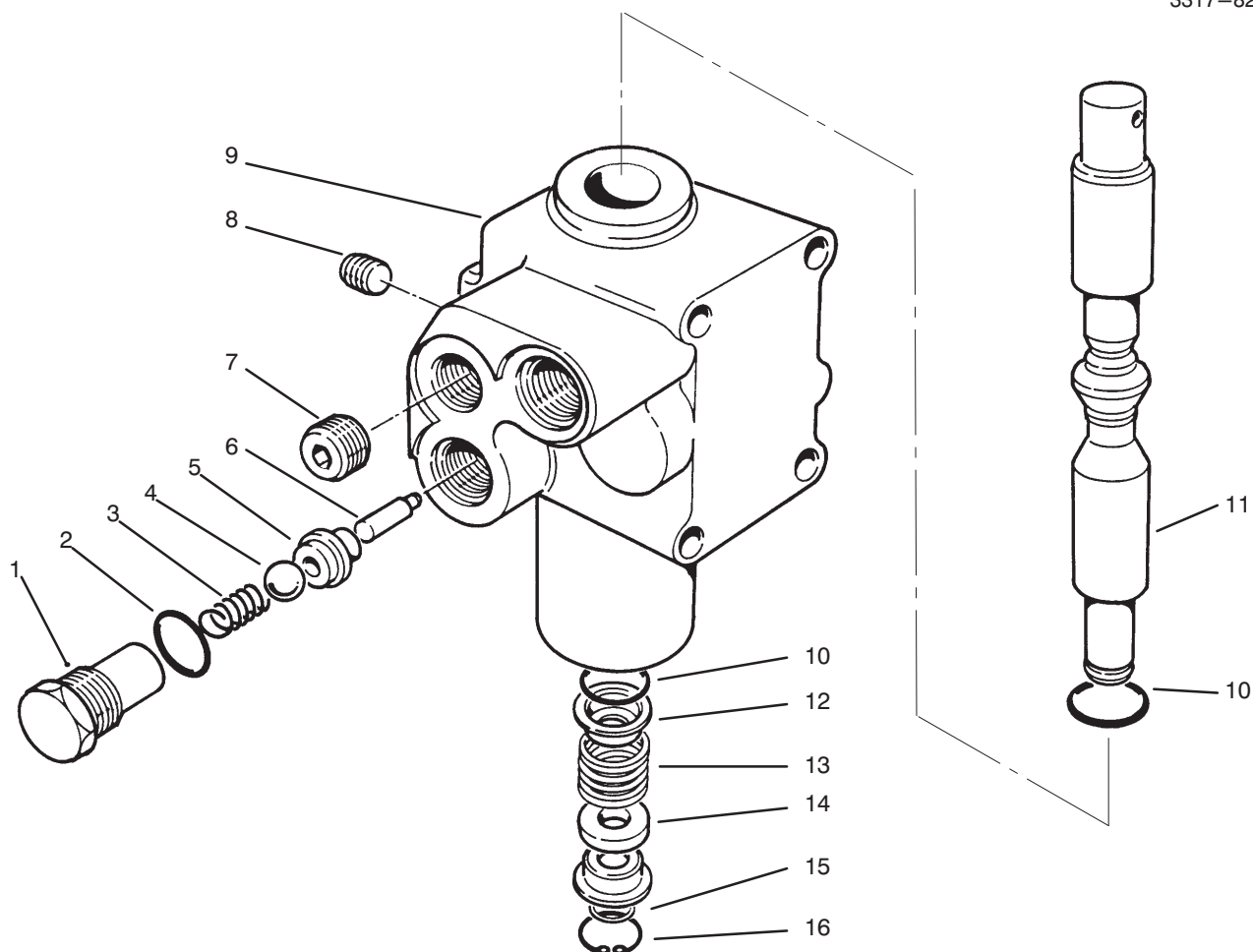


T-0704

VALVE & LEVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-39	Knob	1
2	27-4200	Lever - Valve	1
3	3272-6	Pin - Cotter	1
4	32149-2	Nut - Lock	2
5	27-4230	Bracket - Valve	1
7	321-24	Screw - Hex. Hd.	3
8	43-1700	Valve - Hydraulic	1

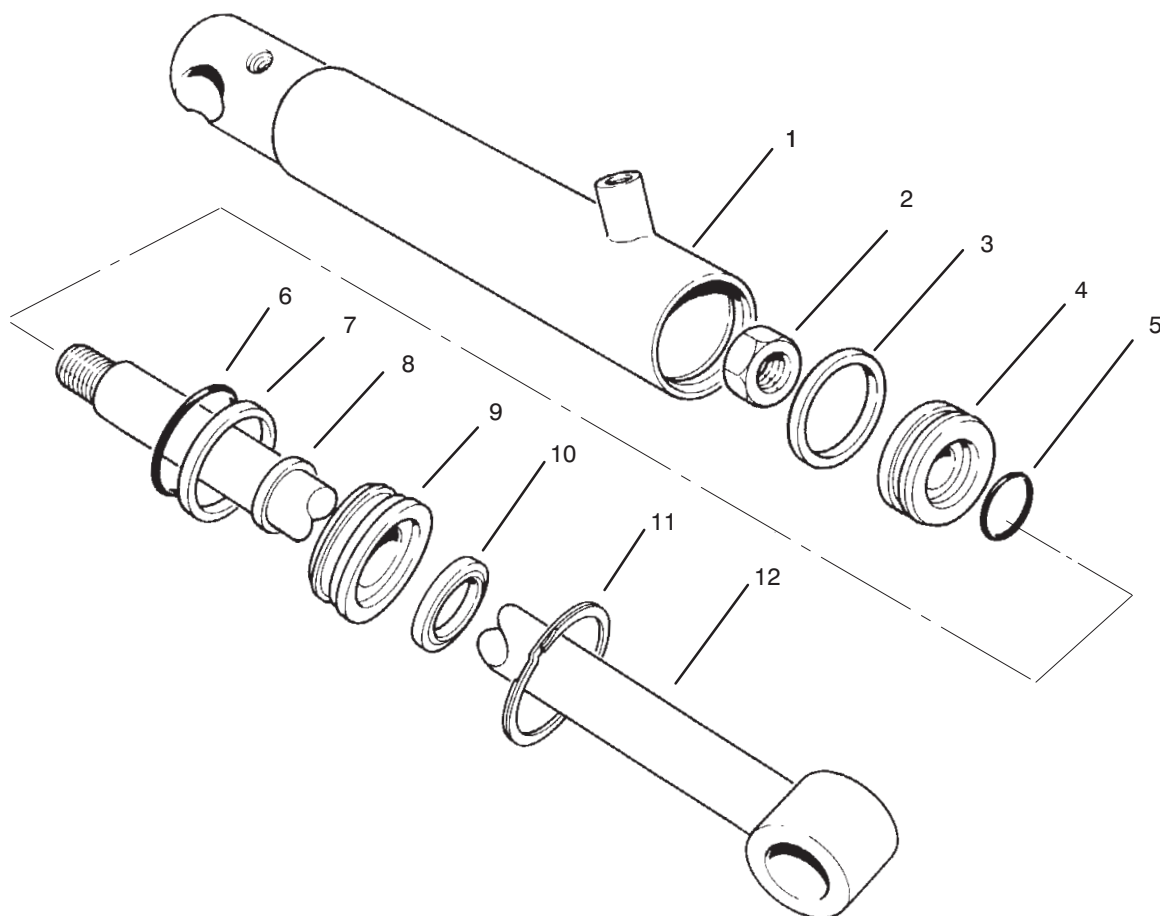
Ref. No.	Part No.	Description	No. Used
9	3253-3	Washer - Lock	2
10	32128-33	Nut - Hex. Flange Hd.	4
11	27-4220	Link - Lever, Valve	1
12	283-17	Pin - Clevis	1
13	321-10	Screw - Hex. Hd.	1
14	32121-73	Pin - Roll	1



T-0692

VALVE ASSEMBLY NO. 43-1700

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	1	9		Body	1
2	237-42	"O"Ring	1	10	22-8500	"O"Ring	2
3	22-8340	Spring	1	11	27-5210	Spool	1
4	22-8350	Ball	1	12	22-8380	Retainer - Spring	2
5	22-8370	Seat - Check Valve	1	13	22-8410	Spring	1
6	22-8360	Pin - Cam	1	14	27-5200	Spacer - Float	1
7	28-1130	Plug	1	15	22-8480	Snap Ring - Spool	1
8	28-1120	Plug	1	16	22-8490	Ring - Retaining	1



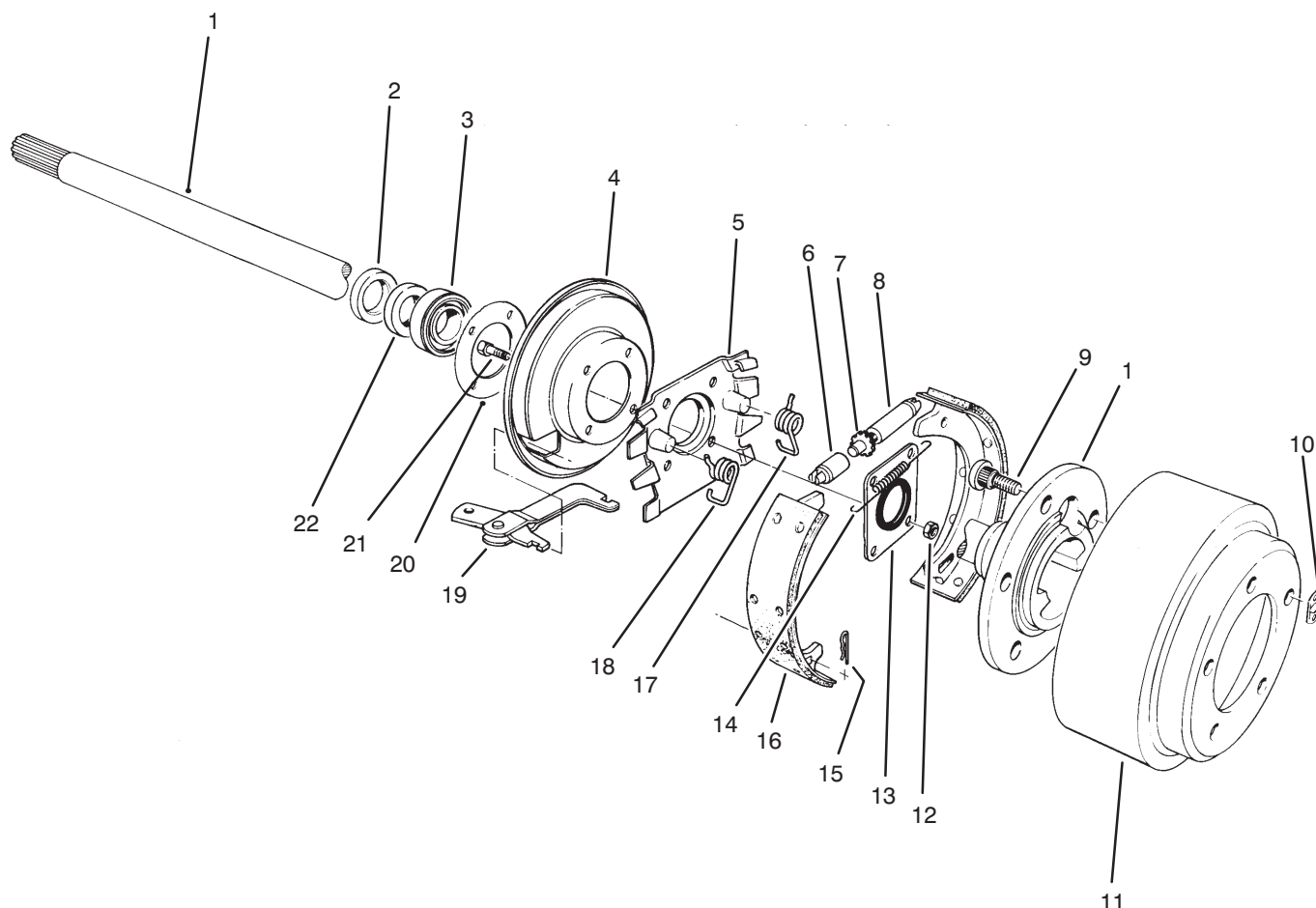
T-0689

HYDRAULIC CYLINDER NO. 68—9700

Ref. No.	Part No.	Description	No. Used
1		Assembly – Tube	1
2	32152–10	Nut – Jam	1
3		Uniring	3
4	70–2780	Piston	1
5		"O"Ring	1
6		"O"Ring, Head	2
7		Backup	1

Ref. No.	Part No.	Description	No. Used
8		Poly—Pack	1
9	70—2770	Head	1
10		Seal — Dust	1
11	43—5220	Ring — Retaining	1
12	43—5230	Shaft w/Clevis	1
*	70—2790	Kit — Seal Repair (Incl. Ref. #3, 5—8 & 10)	1

*Not Illustrated

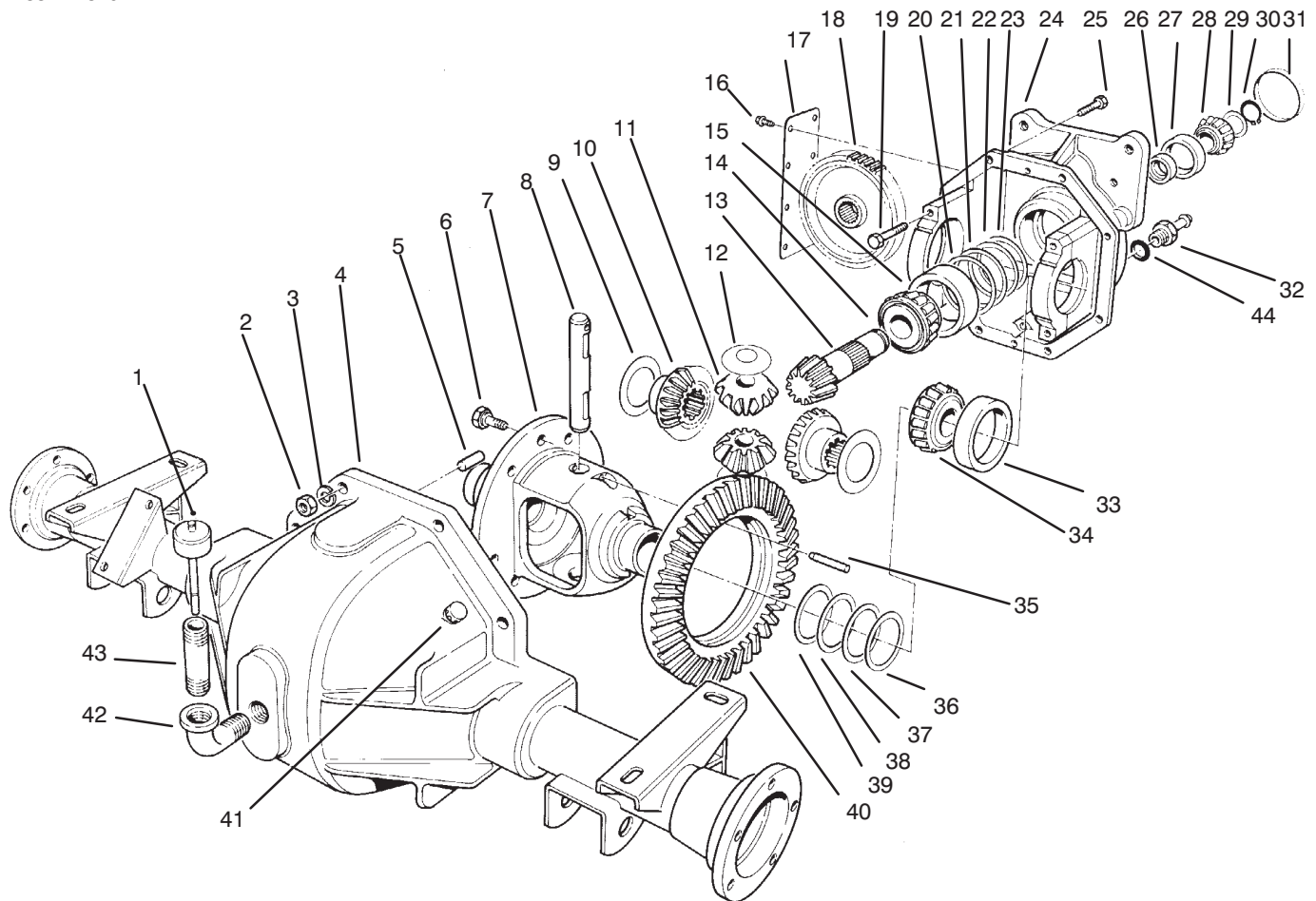


T-0535

BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	27-6860	Shaft - Axle L.H.	1	12	43-6800	Nut - Lock, Flange Hd.	8
*	27-6850	Shaft - Axle R.H.	1	13	28-0670	Oil Seal	2
2	21-8330	Oil Seal	2	14	21-9440	Screw - Spring Adjusting	2
3	21-8180	Bearing - Tapered Roller	2	15	21-9460	Retainer - Parking Brake	4
4	21-9450	Dust Shield	2	16	43-2690	Assy. - Shoe & Lining	4
5	40-2190	Torque Spider	2	17	21-9420	Spring - Shoe Return L.H.	2
6	21-9390	Socket - Adjusting Screw	2	18	21-9430	Spring - Shoe Return R.H.	2
7	21-9370	Adjusting Screw	2	19	27-6880	Strut/Lever - Parking Brake	2
8	21-9380	Nut - Pivot	2	20	21-8320	Gasket - Wheel Bearing	2
9	242-34	Stud - Axle Flange	10	21	28-0660	Screw - Hex. Hd.	8
10	21-8360	Clip - Retaining	2	22	24-8840	Ring - Wheel Bearing	2
11	28-0680	Brake Drum	2	*	84-8600	Set - Brake Shoe (4 Shoes)	1

*Not Illustrated



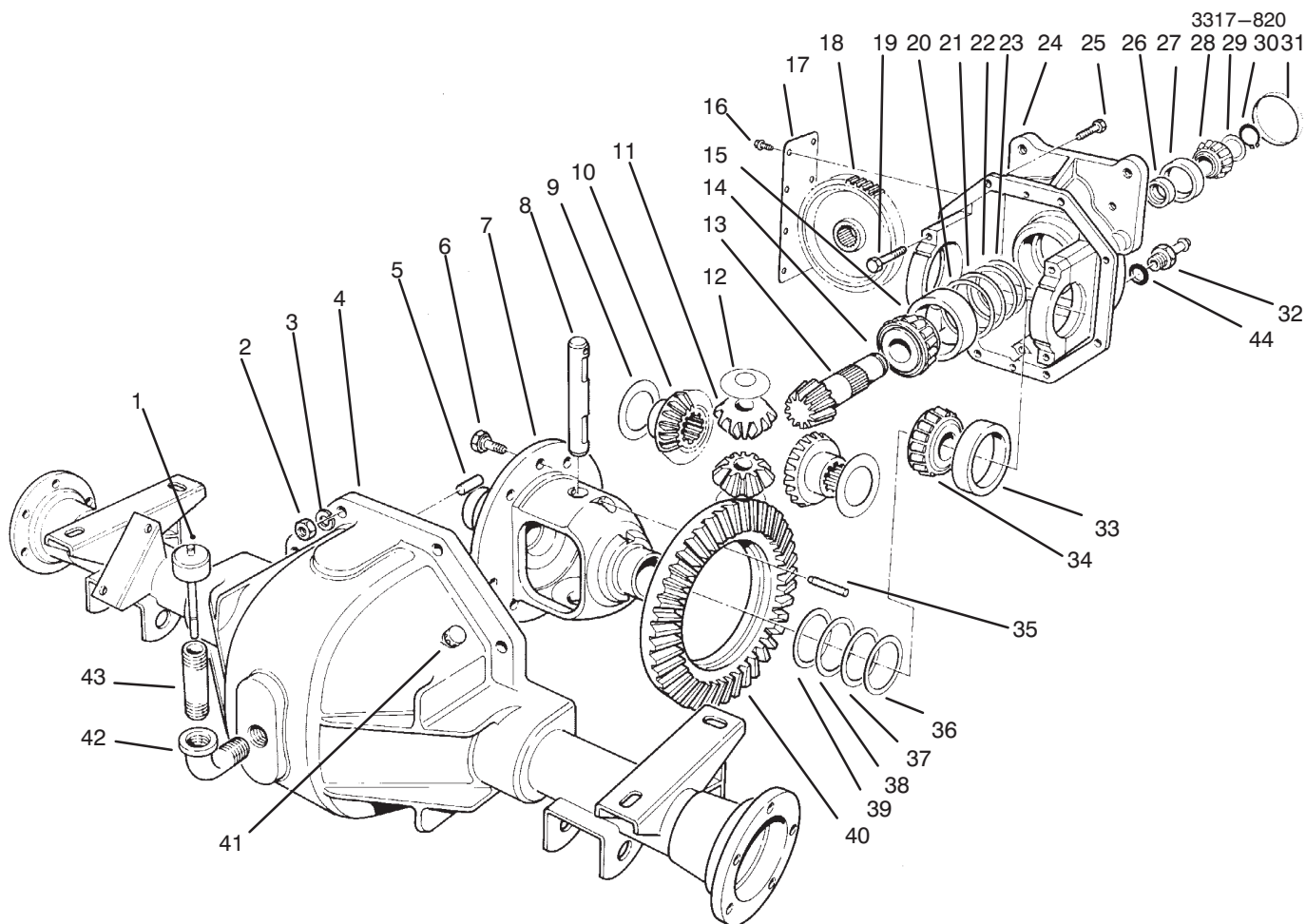
T-0690

DIFFERENTIAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-3710	Dipstick	1
2	3219-2	Nut	8
3	3255-8	Washer - Lock	8
4	43-6850	Assembly - Lower Housing	1
5	21-8270	Pin - Dowel	2
6	21-7770	Screw - Drive Gear	5
7	21-7670	Case - Differential	1
8	21-7700	Shaft - Pinion Mate	1
9	21-7720	Washer - Thrust	2
10	24-8790	Gear - Bevel Diff. Side	2
11	21-7690	Gear - Pinion	2
12	21-7730	Washer - Thrust	2
13		Pinion - Drive (Incl. Ref. #40)	1
14	43-6760	Cone - Bearing	1
15	43-6750	Cup - Bearing	1
16	12-5450	Screw - Thread Forming	8
17	21-7830	Cover - Gear	1
18	86-7230	Gear - Spur	1
19	324-23	Screw - Hex. Hd.	4
20	43-6710	Shim - Adjusting .003	A/R
21	43-6711	Shim - Adjusting .005	A/R
22	43-6712	Shim - Adjusting .010	A/R
23	43-6713	Shim - Adjusting .030	A/R
24	86-7930	Upper Housing Assembly (Incl. Ref. #19)	1

Ref. No.	Part No.	Description	No. Used
25	3210-7	Screw - Hex. Hd.	8
26	21-8020	Spacer - Bearing Frt. Pinion	1
27	254-90	Cup - Bearing	1
28	254-91	Cone - Bearing	1
29	46-2210	Shim - Front Pinion Bearing (.031)	A/R
*	46-2211	Shim - Front Pinion Bearing (.033)	A/R
*	46-2212	Shim - Front Pinion Bearing (.035)	A/R
*	46-2213	Shim - Front Pinion Bearing (.037)	A/R
*	46-2214	Shim - Front Pinion Bearing (.039)	A/R
*	46-2215	Shim - Front Pinion Bearing (.041)	A/R
*	46-2216	Shim - Front Pinion Bearing (.043)	A/R
*	46-2220	Shim - Front Pinion Bearing (.045)	A/R
*	46-2221	Shim - Front Pinion Bearing (.047)	A/R
*	46-2222	Shim - Front Pinion Bearing (.049)	A/R
*	46-2223	Shim - Front Pinion Bearing (.051)	A/R

*Not Illustrated



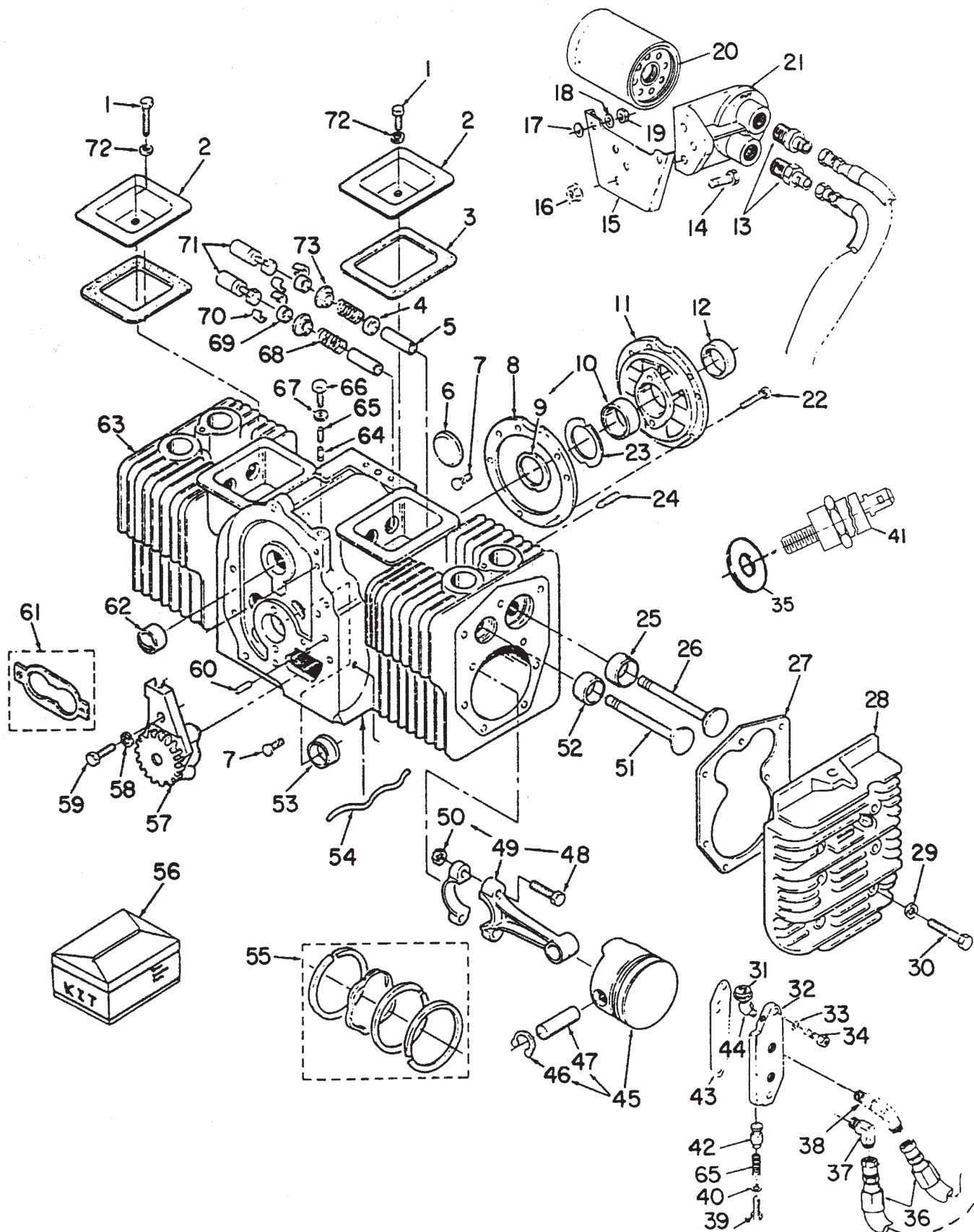
T-0690

DIFFERENTIAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
29	46-2224	Shim - Front Pinion Bearing (.053)	A/R	29	46-2423	Shim - Front Pinion Bearing (.082)	A/R
*	46-2225	Shim - Front Pinion Bearing (.055)	A/R	*	46-2424	Shim - Front Pinion Bearing (.084)	A/R
*	46-2226	Shim - Front Pinion Bearing (.057)	A/R	*	46-2425	Shim - Front Pinion Bearing (.086)	A/R
*	46-2410	Shim - Front Pinion Bearing (.062)	A/R	*	46-2426	Shim - Front Pinion Bearing (.088)	A/R
*	46-2411	Shim - Front Pinion Bearing (.064)	A/R	30	43-6550	Ring - Retaining	1
*	46-2412	Shim - Front Pinion Bearing (.066)	A/R	31	21-7850	Plug - Cap	1
*	46-2413	Shim - Front Pinion Bearing (.068)	A/R	32	354-18	Fitting - Hose Barb (Incl. Ref. #44)	1
*	46-2414	Shim - Front Pinion Bearing (.070)	A/R	33	254-66	Cup - Bearing Tapered	2
*	46-2415	Shim - Front Pinion Bearing (.072)	A/R	34	254-65	Cone - Bearing Tapered	2
*	46-2416	Shim - Front Pinion Bearing (.074)	A/R	35	32121-15	Pin - Roll	1
*	46-2420	Shim - Front Pinion Bearing (.076)	A/R	36	21-8090	Shim - Diff. Adjust. .003"	A/R
*	46-2421	Shim - Front Pinion Bearing (.078)	A/R	37	21-8100	Shim - Diff. Adjust. .005"	A/R
*	46-2422	Shim - Front Pinion Bearing (.080)	A/R	38	21-8110	Shim - Diff. Adjust. .010"	A/R
				39	21-8120	Shim - Diff. Adjust. .030"	A/R
				40		Gear - Ring	1
				41	72-9420	Vent Tube Assembly	1
				42	2811-9	Street Elbow 90°	1
				43	289-38	Nipple - Pipe	1
				44	237-81	Seal - "O"Ring	1
				*	43-6510	Gear & Pinion Assembly (Incl. Ref. #13 & 40)	1

*Not Illustrated

CYLINDER BLOCK ASSY. ONAN P220G TYPE I/10808G

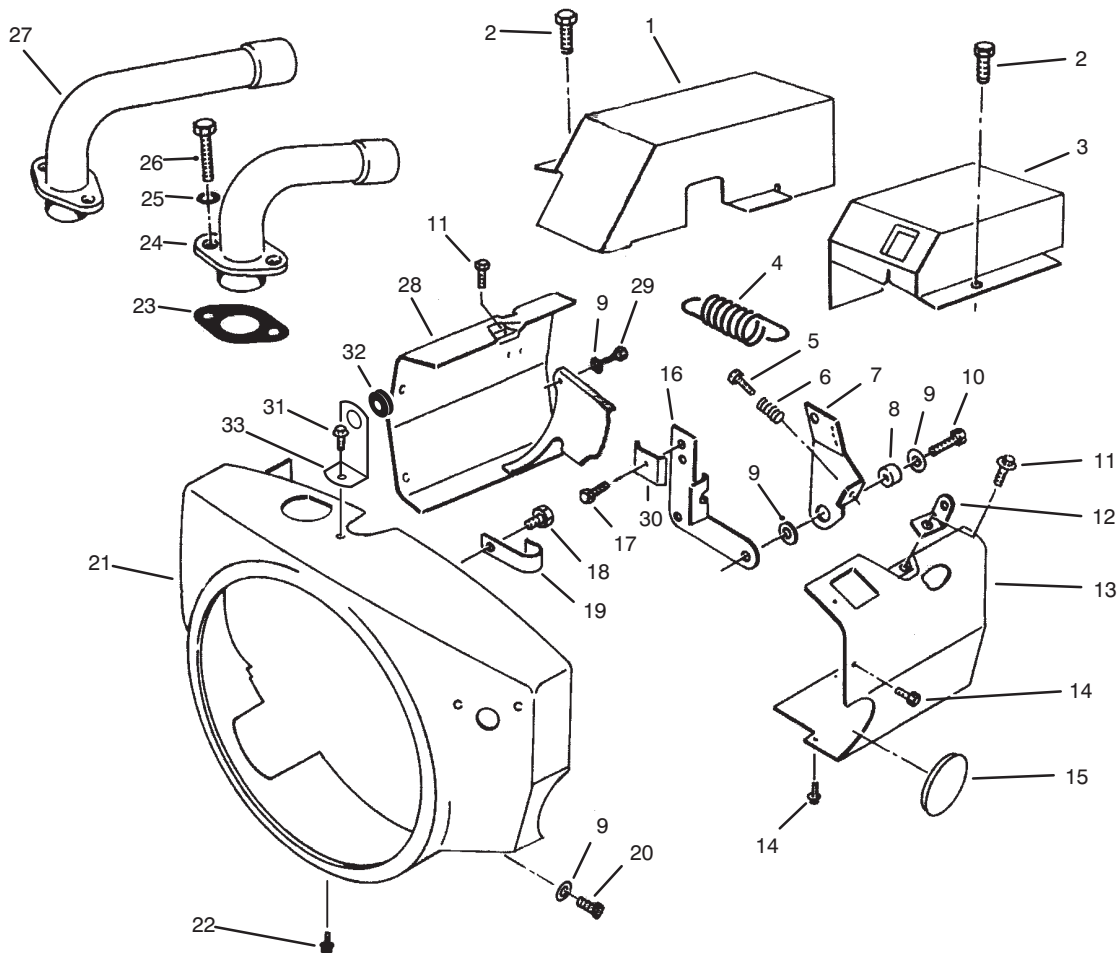


CYLINDER BLOCK ASSY. ONAN P220G TYPE I/10808G

Ref. No.	Part No.	Description	No. Used
1	321-10	Screw - Hex. Hd.	2
2	71-5850	Cover - Valve	2
3	57-8280	Gasket - Valve Cover	2
4	71-6180	Seal - Intake Valve	2
5	71-6250	Guide - Exhaust Valve	2
5	71-6260	Guide - Intake Valve	2
6	57-9690	Plug - Welch	1
7	59-0730	Pin - Drive	4
8	57-8010	Gasket	1
9	57-8160	Washer - Thrust	2
10	57-8050	Bearing - Std. Crankshaft (Incl. Ref. #9)	1
*	59-0020	Bearing - Crankshaft .002" undersize (Incl. Ref. #9)	1
*	57-8060	Bearing - Crankshaft .010" undersize (Incl. Ref. #9)	1
*	59-0030	Bearing - Crankshaft .020" undersize (Incl. Ref. #9)	1
*	59-0040	Bearing - Crankshaft .030" undersize (Incl. Ref. #9)	1
11	57-8040	Plate - Bearing	1
12	57-9590	Seal - Oil	1
13	59-0660	Hose - Oil	2
14	322-4	Screw - Hex. Hd.	3
15	59-0300	Bracket	1
16	59-1130	Nut	3
17	59-0840	Washer - Flat	2
18	59-0860	Washer - Flat	2
19	3217-4	Nut - Hex.	2
20	57-8530	Filter - Oil	1
21	57-8540	Base - Filter	1
22	71-6240	Screw - Flange	5
23	57-8170	Shim	A/R
24	3247-4	Screw - Socket Hd. Set	2
25	59-0050	Insert - Valve Seat Std.	2
*	59-0080	Insert - Valve Seat .010" OS	2
26	71-5770	Valve - Intake	2
27	57-8830	Gasket	2
28	71-5820	Head - Cylinder R.H.	1
29	57-9770	Washer - Flat	18
30	71-6270	Screw - Hex. Hd.	18
31	57-9490	Switch - Low Oil Pressure	1
32	57-8510	Adapter - Oil Filter	1
33	57-9750	Washer - Flat	2
34	3274-18	Screw - Cap Soc. Hd.	2
35	3256-1	Washer - Flat	1
36	57-9220	Hose - Oil	2
37	59-0670	Elbow - Male (from Filter)	1
38	59-0680	Elbow - Male (to Filter)	1
39	3211-27	Screw - Hex. Hd.	1
40	57-9760	Washer - Flat	1
41	72-3960	Switch - Temp. Cut-Off	1
42	57-8470	Valve - By-pass Plunger	1
43	82-0520	Gasket	1
44	59-0640	Elbow - Street 45°	1
45	82-1800	Piston - Std. (Incl. Ref. #46 & 47)	2

Ref. No.	Part No.	Description	No. Used
45	82-1810	Piston - .010" OS (Incl. Ref. #46 & 47)	2
*	82-1820	Piston - .020" OS (Incl. Ref. #46 & 47)	2
*	82-1830	Piston - .030" OS (Incl. Ref. #46 & 47)	2
46	57-9720	Ring - Retaining	4
47	71-6310	Pin - Piston	4
48	57-8410	Bolt - Special	4
49	57-8420	Rod - Connecting Std. (Incl. Ref. #48 & 50)	2
*	57-8430	Rod - Conn. .010 undersize (Incl. Ref. #48 & 50)	2
*	57-8440	Rod - Conn. .020 undersize (Incl. Ref. #48 & 50)	2
*	59-0250	Rod - Conn. .030 undersize (Incl. Ref. #48 & 50)	2
50	57-9790	Nut - Lock Hex. Crown	4
51	71-5780	Valve - Exhaust	2
52	59-0100	Insert - Exhaust Valve Seat	2
53	57-8020	Bearing - Flange Std.	1
*	57-9360	Bearing - Flange .002" undersize	1
*	57-8030	Bearing - Flange .010" undersize	1
*	57-9800	Bearing - Flange .020" undersize	1
*	59-0010	Bearing - Flange .030" undersize	1
54	59-0290	Tube - Oil	1
55	82-1840	Ring Set - Piston Std.	2
*	82-1850	Ring Set - Piston .010" oversize	2
*	82-1860	Ring Set - Piston .020" oversize	2
*	82-1870	Ring Set - Piston .030" oversize	2
56	71-6290	Kit - Gasket Comp. Engine	1
57	57-8480	Pump - Oil	1
58	3253-3	Washer - Lock	2
59	321-6	Screw - Hex. Hd.	2
60	59-0750	Pin - Alignment	2
61	57-8460	Kit - Gasket, Oil Pump	1
62	57-8000	Bearing - Camshaft	2
63	82-1880	Block - Short	1
64	57-8470	Plunger - Bypass Valve	1
65	57-8500	Spring - Bypass Valve	2
66	59-0910	Screw - Hex. Hd.	1
67	57-9760	Washer - Flat	1
68	71-5790	Spring - Valve	4
69	71-5830	Cap - Valve	4
70	71-5840	Lock - Valve Spring	8
71	57-8450	Tappet - Valve Std.	4
*	59-0260	Tappet - Valve .002" OS	4
*	59-0270	Tappet - Valve .005" OS	4
72	57-9740	Washer - Flat	2
73	71-5800	Washer - Valve Spring Ret.	4
*	71-6300	Kit - Valve Grinding	1

*Not Illustrated

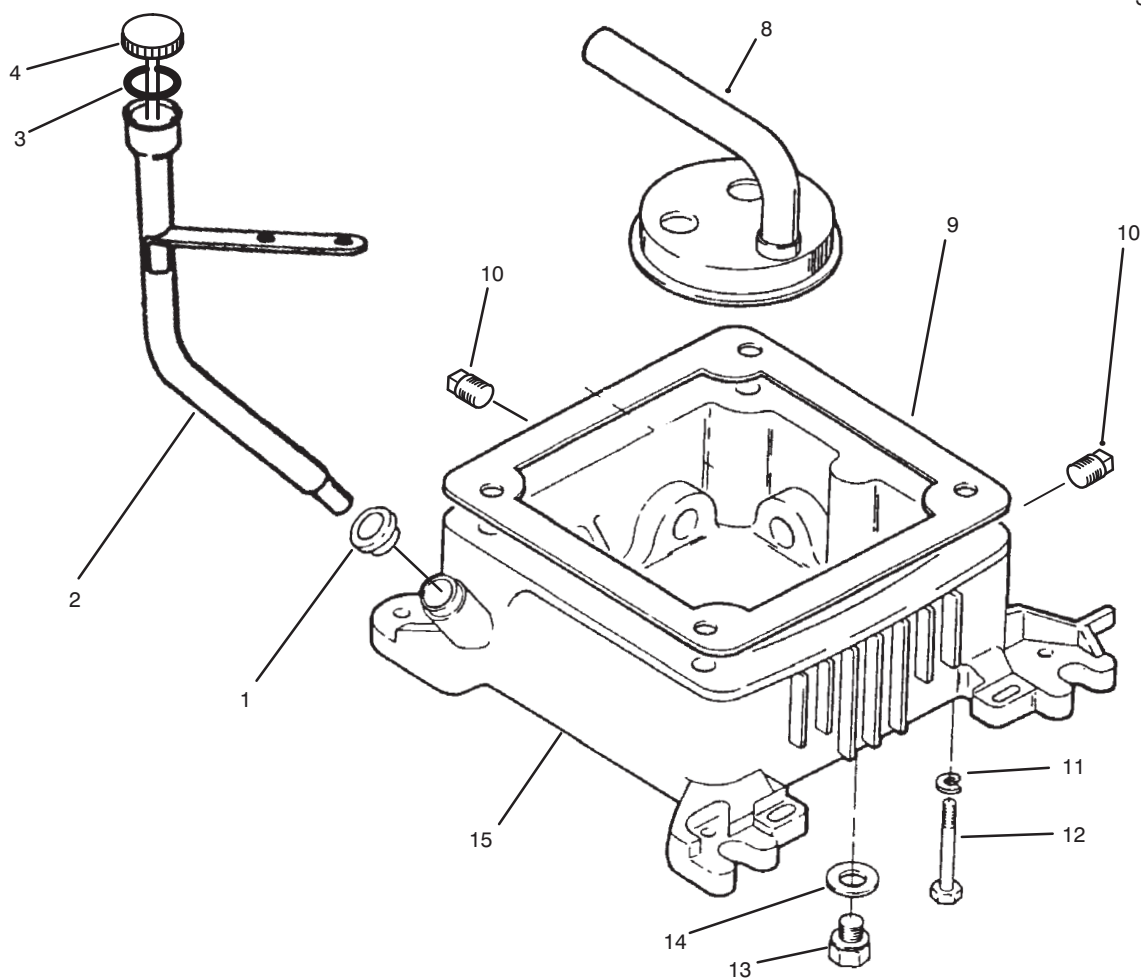


T-0755

ENGINE AIR HOUSING – ONAN P220G TYPE I/10808G

Ref. No.	Part No.	Description	No. Used
1	72-3970	Cover – Exhaust Tube L.H.	1
2	59-1090	Screw – Hex. Washer Hd.	2
3	72-3980	Cover – Exhaust Tube R.H.	1
4	57-9100	Spring	1
5	59-1030	Screw – Self Tap. Hex. Hd.	1
6	59-0430	Spring – Idle Setting	1
7	57-9140	Arm – Governor Control	1
8	57-9120	Bushing	1
9	3256-1	Washer – Flat	8
10	59-1010	Screw – Hex. Flange Hd.	2
11	3234-5	Screw – Hex. Flange Hd.	2
12	59-0630	Bracket – Lift	2
13	71-5940	Housing – R.H.	1
14	59-1080	Screw – Hex. Flange Hd.	4
15	71-6150	Grommet – Air Seal	1
16	57-9150	Bracket – Cable	1
17	72-3900	Screw – Self Tap. Hex. Hd.	1

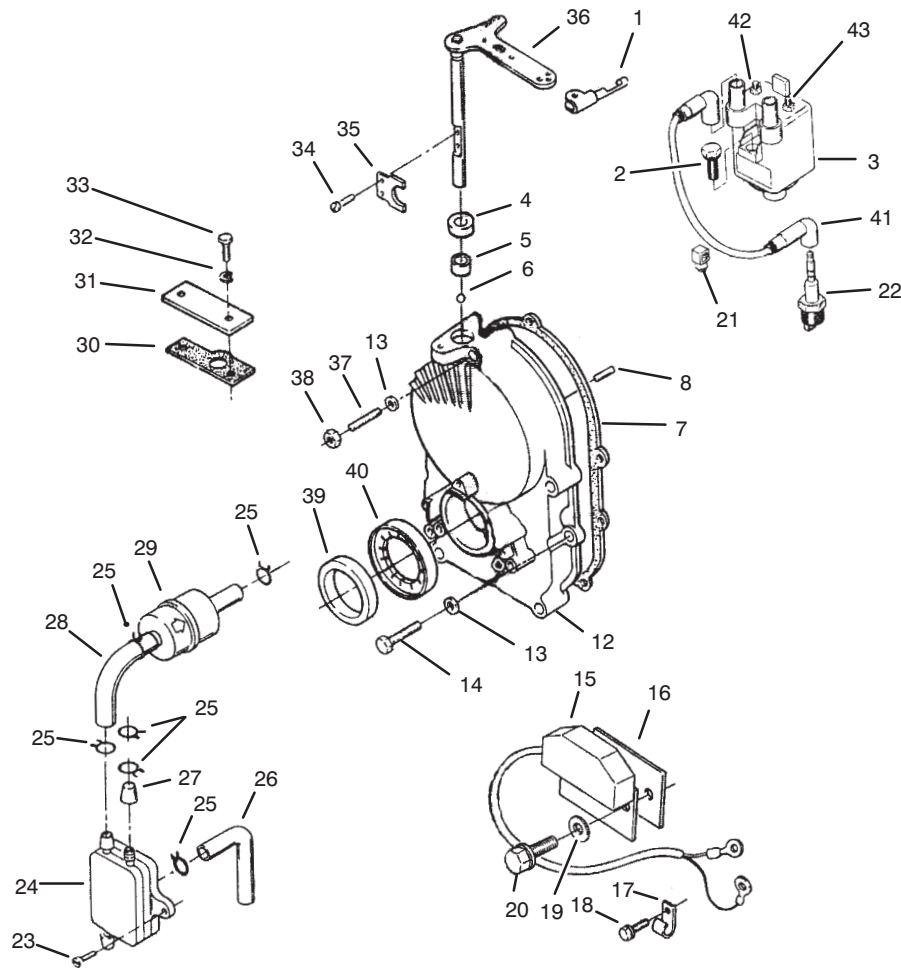
Ref. No.	Part No.	Description	No. Used
18	3234-13	Screw – Hex. Flange Hd.	1
19	71-6220	Clip – Wire	1
20	59-0980	Screw – Self Tap. Hex. Hd.	4
21	71-5930	Housing – Blower	1
22	59-0970	Screw – Self Tap. Hex. Hd.	1
23	57-9210	Gasket	2
24	57-9230	Outlet	1
25	3256-3	Washer – Flat	4
26	322-3	Screw – Hex. Hd.	4
27	57-9240	Outlet	1
28	71-5910	Housing – L.H.	1
29	59-0980	Screw – Self Tap Hex. Hd.	2
30	57-9190	Clamp – Cable	1
31	49-2040	Screw – Self Tapping	1
32	71-6140	Grommet	1
33	71-5970	Bracket	1



T-1261

OIL BASE & FUEL PUMP – ONAN P220G TYPE I/10808G

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	71-6170	Seal	1	10	281-2	Plug	2
2	82-1790	Oil Fill Tube & Bracket Assy.	1	11	3253-5	Washer – Lock	4
3	57-9610	"O"Ring	1	12	323-42	Screw – Hex. Hd.	4
4	71-5880	Cap	1	13	57-8080	Plug	1
		(Incl. Ref. #3)		14	57-8070	Gasket	1
8	57-8490	Cup – Intake	1	15	71-5730	Base	1
9	57-8090	Gasket	1			(Incl. Ref. #9, 10, 13 & 14)	



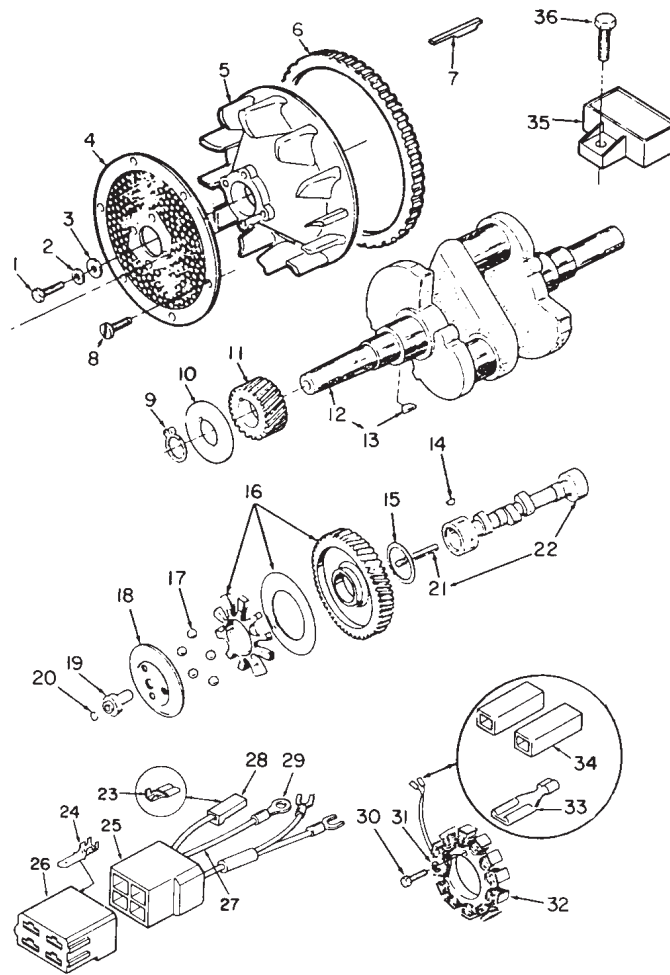
T-0754

IGNITION CONTROL – ONAN P220G TYPE I/10808G

Ref. No.	Part No.	Description	No. Used
1	57-9730	Clip – Retaining	1
2	71-6460	Screw – Flange Hex. Hd.	2
3	71-6000	Coil	1
4	57-9570	Seal – Oil	1
5	57-9650	Bearing	1
6	57-9630	Ball – Bearing	1
7	71-6360	Gasket	1
8	59-0740	Pin – Dowel	1
12	71-6350	Kit – Gearcase (Incl. Ref. #4-6, 8-11, 26, & 34-36)	1
13	57-9750	Washer – Flat	5
14	322-9	Screw – Hex. Hd.	4
15	71-6380	Control – Ignition	1
16	71-6410	Insulator	1
17	71-6220	Clip – Wire	2
18	71-6450	Screw – Flange Hex. Hd.	1
19	3254-1	Washer – Lock	2
20	71-6400	Screw – Flange Hex. Hd.	2
21	71-6060	Clip	1
22	57-9340	Plug – Spark	2
23	59-1050	Screw – Self Tap. Pan Hd.	2

Ref. No.	Part No.	Description	No. Used
24	57-9080	Pump – Fuel	1
25	57-9550	Clamp	7
26	71-6100	Line – Pulse	1
27	59-0370	Cap – Fuel Fitting	1
28	59-0710	Hose	1
29	71-5960	Filter – Fuel	1
30	57-9260	Gasket – Plate	1
31	71-5990	Plate – Plunger Cover	1
32	3256-1	Washer – Flat	2
33	321-3	Screw – Hex. Hd.	2
34	3250-16	Screw – Mach. Pan Hd.	2
35	59-0420	Yoke	1
36	59-0440	Shaft	1
37	59-0790	Stud	1
38	3217-6	Nut – Hex.	1
39	57-9580	Seal – Oil	1
40	71-6010	Rotor – Ignition	1
41	71-6420	Cable – Plug 9" Long	1
42	71-6440	Nut – Flange	1
43	71-6430	Nut – Flange	1
*	71-6020	Cable – Plug 18.5" Long	1

*Not Illustrated

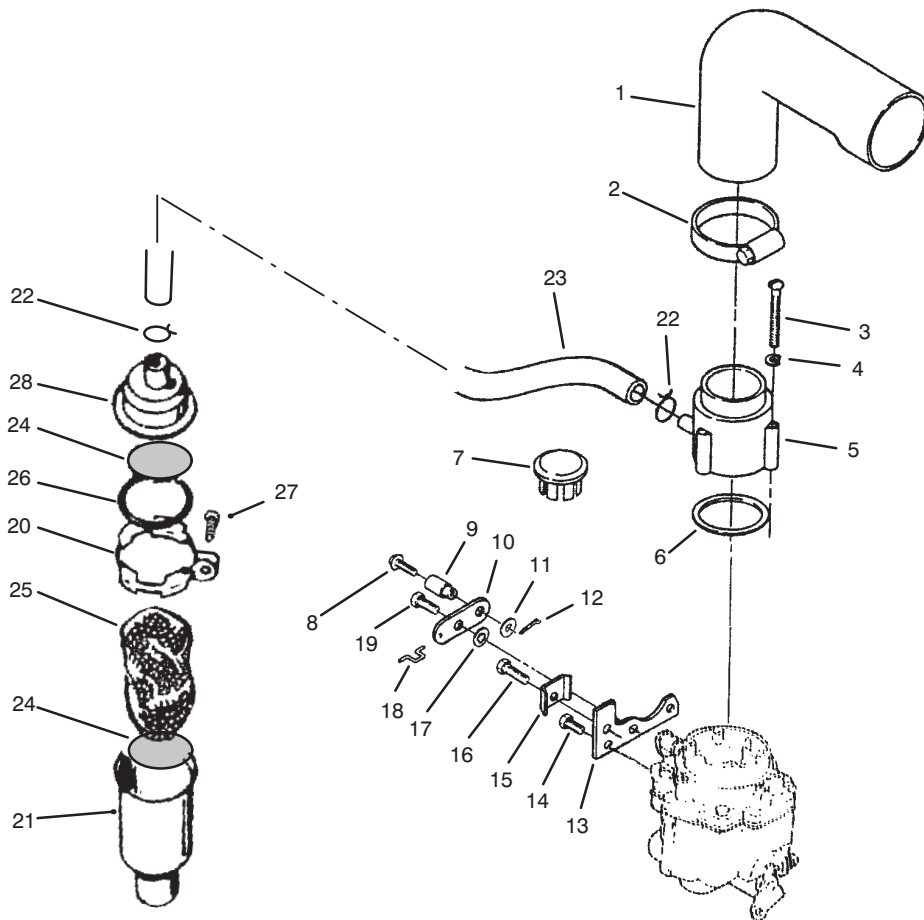


T-0756

BLOWER & CRANKSHAFT — ONAN P220G TYPE I/10808G

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	57-8150	Screw — Hex. Hd. Spec.	1	20	57-9090	Ring — Retaining	1
2	3253-6	Washer — Lock	1	21	59-0400	Pin	1
3	59-0810	Washer	1	22	71-6320	Camshaft (Incl. Ref. #21)	1
4	71-5900	Screw — Air Inlet	1	23	72-4000	Terminal — Receptacle	5
5	71-5920	Flywheel (Incl. Ref. #6)	1	24	72-4040	Terminal — Tab	4
6	57-8180	Gear — Ring	1	25	72-4010	Housing — Receptacle	1
7	71-6190	Key — Flywheel	1	26	72-4020	Housing — Tab	1
8	71-6340	Screw — Flange	6	27	71-6070	Harness — Wiring	1
9	57-9710	Ring — Retaining	1	28	72-4030	Housing	1
10	57-8140	Washer — Special	1	29	72-3990	Terminal — Ring	1
11	57-8130	Gear — Crankshaft	1	30	71-6390	Screw — Mach. Hex. Hd.	3
12	71-5750	Crankshaft (Incl. Ref. #13)	1	31	3253-2	Washer — Lock	3
13	57-9660	Key — Gear	1	32	57-9440	Stator	1
14	57-9660	Key — Woodruff	1	33	59-0590	Terminal	3
15	57-8230	Washer	1	34	71-6370	Body — Terminal	2
16	57-8210	Gear	1	35	71-6030	Regulator	1
17	57-9640	Ball — Governor	5	36	59-1080	Screw — Hex. Hd.	1
18	59-0450	Cup — Governor	1	*	71-6230	Kit — Connector, Harness (Incl. Ref. #24 & 26)	1
19	57-9130	Hub — Cup, Governor	1				

*Not Illustrated

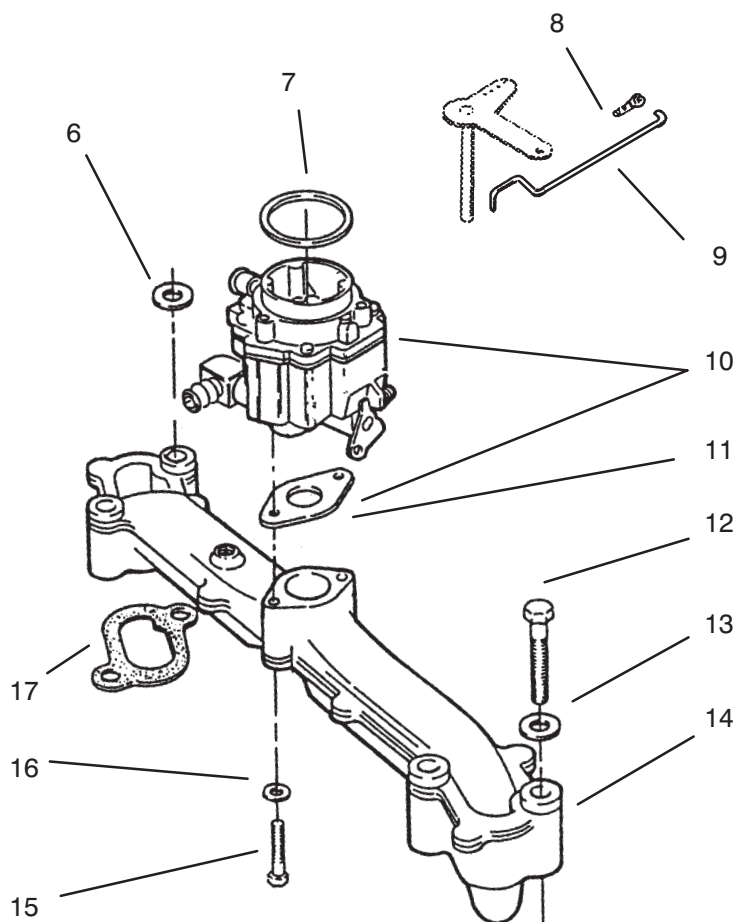


T-0770

AIR CLEANER & CHOKE – ONAN P220G TYPE I/10808G

Ref. No.	Part No.	Description	No. Used
1	57-8800	Elbow – Air Inlet	1
2	59-0690	Clamp	2
3	59-0940	Screw – Mach. Rd. Hd.	3
4	3253-2	Washer – Lock	3
5	57-8720	Adapter – Carburetor	1
6	57-9620	Seal	1
7	71-6210	Plug – Button	1
8	72-3890	Screw – Mach. Hex. Hd.	1
9	57-9170	Swivel	1
10	59-0460	Lever – Choke	1
11	59-0580	Washer – Flat	2
12	59-0720	Pin – Cotter	1
13	59-0470	Bracket	1
14	72-3880	Screw – Flange Hex. Hd.	1

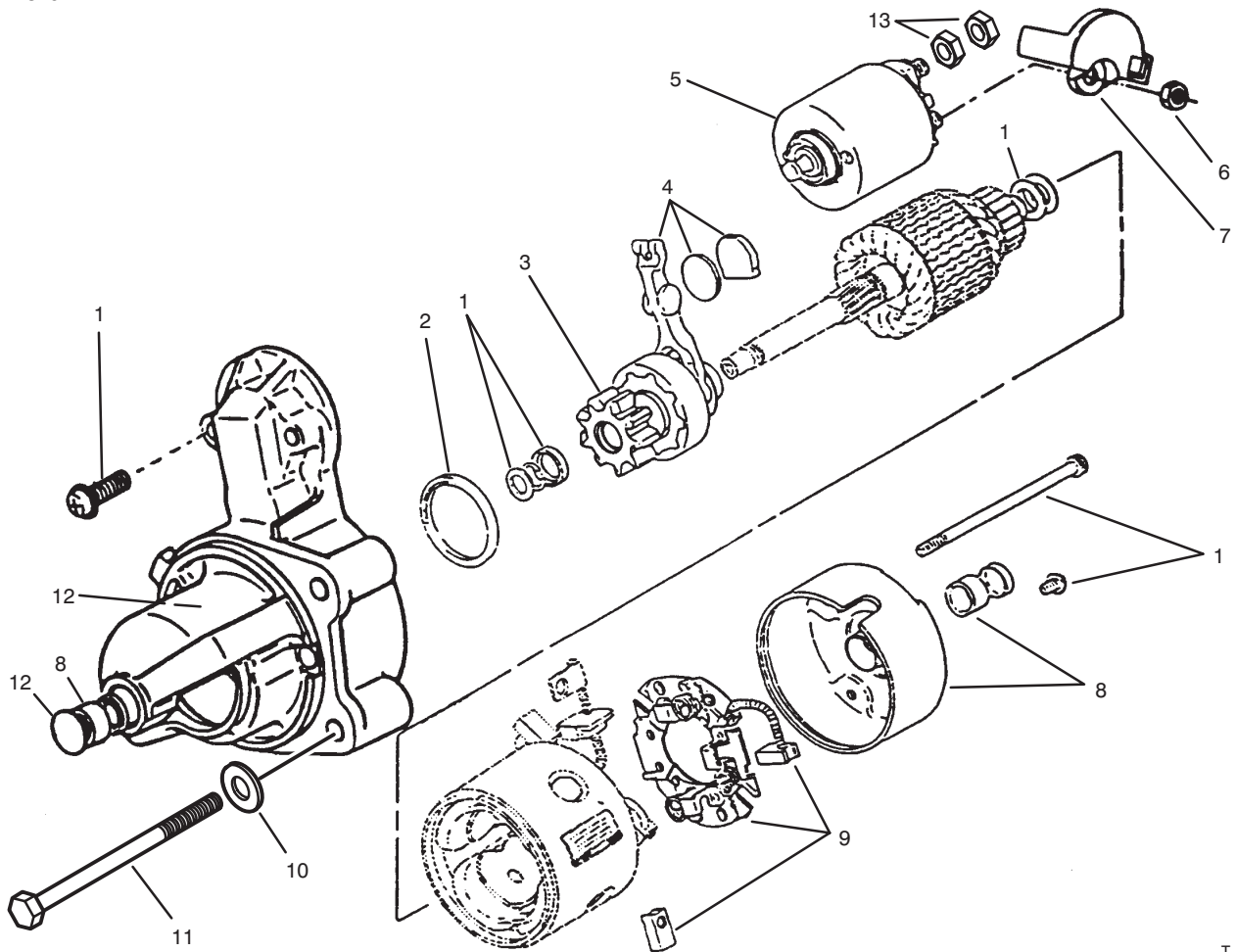
Ref. No.	Part No.	Description	No. Used
15	57-9190	Clip	1
16	72-3900	Screw – Self Tap. Slot. Hd.	1
17	3254-1	Washer – Lock	1
18	57-9180	Link – Choke	1
19	59-1020	Screw – Shoulder	1
20	82-0530	Clamp	1
21	82-0540	Tube – Breather	1
22	57-9540	Clamp	1
23	71-6130	Hose – Breather	1
24	82-0560	Screen – Breather Tube	2
25	57-8580	Baffle – Breather Tube	1
26	82-0570	Seal – "O" Ring	1
27	82-1480	Screw – Self Tapping	1
28	82-0550	Breather Cap & Valve	1



CARBURETOR LOW EMISSIONS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
6	3256-23	Washer - Flat	1	*	94-1848	Jet - High (Fixed Main)	1
7	57-9620	"O"Ring	1	*	94-1844	Kit - Accelerator Pump)	1
8	57-9700	Clip	1	11	57-9200	Gasket	1
9	57-9160	Rod - Governor Control	1	12	322-10	Screw - Hex. Hd.	4
10	94-1847	Kit - Carburetor (Flange Gaskets)	1	13	3256-23	Washer - Flat	4
		Low Emissions	1	14	71-6480	Manifold - Intake	1
		NOT REPAIRABLE		15	322-9	Screw - Hex. Hd.	2
*	94-1843	Kit - Float (Incl. Float & Gasket)	1	16	3256-1	Washer - Flat	2
				17	71-5980	Gasket	2

* Not Illustrated
NOT REPAIRABLE



T-1271

STARTER — ONAN P220G TYPE I/10808G

Ref. No.	Part No.	Description	No. Used
1	62-2760	Starter Hardware Kit	1
2	72-3950	Dust Seal Kit	1
3	72-3940	Starter Clutch Kit	1
4	62-2770	Starter Shift Lever Kit	1
5	72-3930	Starter Solenoid Kit	1
6	82-1730	Nut — Hex.	1
7	82-1720	Cap Solenoid	1
8	62-2730	Starter Bushing Kit	1

Ref. No.	Part No.	Description	No. Used
9	62-2740	Starter Brush Kit	1
10	57-9770	Washer — Mounting Screw	2
11	322-22	Screw — Hex. Hd.	2
12	62-2750	Brush Mounting Kit	1
13	57-6390	Nut — Jam	2
*	71-6040	Starter Assembly (Incl. Ref. #1-10 & 13)	1

*Not Illustrated

TORO PART NUMBER INDEX

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
109989	Spacer	6 18 4	21-9430	Spring - Shoe Return R.H.	23 18 2
114495	Nut	3 7 1	21-9440	Screw - Spring Adjusting	23 14 2
605142	Kit - Shim	3 10 1	21-9450	Dust Shield	23 4 2
5666683	Cup - Bearing	3 16 2	21-9460	Retainer - Parking Brake	23 15 4
5666693	Assembly - Thrust Bearing	3 15 2	22-7320	Cooler - Oil	11 7 1
5666734	Gasket	3 13 1	22-8330	Plug	21 1 1
5676217	Nut - Adjuster Lock	3 1 1	22-8340	Spring	21 3 1
5679292	Housing - Steering Gear	3 14 1	22-8350	Ball	21 4 1
7801626	Seal	3 4 1	22-8360	Pin - Cam	21 6 1
7802160	Seal	3 5 1	22-8370	Seat - Check Valve	21 5 1
7802482	Adjuster	3 11 1	22-8380	Retainer - Spring	21 12 2
7806748	Kit - Side Cover Service	3 8 1	22-8410	Spring	21 13 1
7807009	Bolt - Flange Hex. Hd.	3 6 3	22-8480	Snap Ring - Spool	21 15 1
7812834	Gear - Pitman Shaft	3 12 1	22-8490	Ring - Retaining	21 16 1
7812946	Steering Worm Assembly	3 3 1	22-8500	"O"Ring	21 10 2
7840888	Assembly - Adjuster	3 2 1	23-2270	Bushing - Rubber	16 6 1
3-0348	Bushing	12 10 8	23-2300	Filter - Oil	19 12 1
3-3251	Spring	2 12 1	24-5790	Weight - Rear	9 13 1
3-6514	Washer	14 7 2	24-8790	Gear - Bevel Diff. Side	24 10 2
3-6514	Washer - Thrust	12 2 2	24-8840	Ring - Wheel Bearing	23 22 2
3-6685	Spring	5 19 1	25-2380	Plate - Thrust	18 15 2
3-7243	Spring - Return	2 26 2	25-2430	Pin	18 46 2
4-2390	Washer	1 15 2	25-2460	Hex Hd. Plug	18 23 2
5-7570	Washer	4 8 2	25-2470	Shim Pack	18 25A/R
6-1659	Switch - Toggle	8 10 1	25-2480	Relief Valve Spring Charge	18 44 1
7-3900	Pad - Brake	2 35 2	25-2500	Shaft - Trunion	18 2 1
10-7160	Assembly - Wire	11 26 2	25-2510	Washer	18 3 2
10-8110	Washer	12 9 4	25-2660	Union - Filter	18 38 1
12-5450	Screw - Thread Forming	24 16 8	25-3210	Lip Seal	18 7 2
12-5869	Hood	1 1 1	25-3300	Bearing - Needle	18 18 2
12-9990	Meter - Hour	8 23 1	27-2360	Switch - Ignition	8 18 1
18-8000	Mount - Rubber	9 8 2	27-3250	Nonskid - Tunnel	8 30 1
19-1470	Screw - Shoulder	1 16 2	27-3260	Nonskid - Floor	8 34 1
20-4840	Clamp - Muffler	7 4 1	27-3270	Shroud - Fan	16 11 1
21-0141	Socket Assembly R.H.	4 14 1	27-3390	Tube - Front Steering	2 39 1
21-0141	Socket Assembly R.H.	12 37 3	27-3550	Rod - Brake Latch	2 7 1
21-0141	Socket Assembly R.H.	2 40 2	27-3560	Latch - Parking Brake	2 32 1
21-0151	Socket Assembly L.H.	12 35 3	27-3640	Pivot Mount Assembly	12 40 1
21-1880	Grip - Handle	14 3 1	27-3680	Spacer - Mounting	16 25 4
21-3370	Assembly - Brake Cable	2 23 2	27-3690	Gasket - Transmission	16 28 1
21-7670	Case - Differential	24 7 1	27-3710	Dipstick	24 1 1
21-7690	Gear - Pinion	24 11 2	27-3740	Fan	16 29 1
21-7700	Shaft - Pinion Mate	24 8 1	27-4060	Pin - Rear Axle	12 12 1
21-7720	Washer - Thrust	24 9 2	27-4090	Rod - Tie	12 33 2
21-7730	Washer - Thrust	24 12 2	27-4160	Tube - Pump Control	16 5 1
21-7770	Screw - Drive Gear	24 6 5	27-4200	Lever - Valve	20 2 1
21-7830	Cover - Gear	24 17 1	27-4220	Link - Lever, Valve	20 11 1
21-7850	Plug - Cap	25 31 1	27-4230	Bracket - Valve	20 5 1
21-8020	Spacer - Bearing Frt. Pinion	24 26 1	27-4240	Pin - Cylinder	19 35 2
21-8090	Shim - Diff. Adjust. .003	25 36A/R	27-4310	Pin - Pivot	19 31 2
21-8100	Shim - Diff. Adjust. .005	25 37A/R	27-4340	Assembly - Hub & Plug	16 8 1
21-8110	Shim - Diff. Adjust. .010	25 38A/R	27-4360	Washer	16 30 1
21-8120	Shim - Diff. Adjust. .030	25 39A/R	27-4370	Hub - Pump	16 12 1
21-8180	Bearing - Tapered Roller	23 3 2	27-4480	Hose - Pressure, Low	19 23 1
21-8270	Pin - Dowel	24 5 2	27-4520	U/Joint Shaft Assembly	15 37 1
21-8320	Gasket - Wheel Bearing	23 20 2	27-4570	Handle - Adjustment	6 12 2
21-8330	Oil Seal	23 2 2	27-4720	Shaft - Seat Pivot	5 7 1
21-8360	Clip - Retaining	23 10 2	27-4800	Pin - Pivot R.H.	1 *
21-9260	Cover - Dust	2 16 1	27-4830	Pin - Pivot L.H.	1 11 1
21-9370	Adjusting Screw	23 7 2	27-4910	Lever - Power Take-Off	14 2 1
21-9380	Nut - Pivot	23 8 2	27-4980	Shaft - P.T.O.	15 17 1
21-9390	Socket - Adjusting Screw	23 6 2	27-5090	Wire - Battery Ground	10 3 1
21-9420	Spring - Shoe Return L.H.	23 17 2	27-5200	Spacer - Float	21 14 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
27-5210	Spool	21 11 1	29-6170	Spring - Extended Leaf	17 5 1
27-5230	Arm - Pivot	12 39 1	29-6930	Arm - Switch	14 9 1
27-5240	Bolt - Shoulder	6 9 2	29-6930	Arm - Switch	5 18 1
27-5310	Support - Axle	16 7 1	29-9790	Pump - Lever	17 2 1
27-6600	Spacer - Rubber Coupling	16 16 4	33-0990	Ammeter	8 6 1
27-6650	Retainer - Bearing	15 31 1	33-2020	Spacer	16 19 4
27-6800	Link - Hood	1 9 2	36-8020	Washer	6 13 2
27-6810	Tie - Hood	1 13 2	37-7060	Bar - Frame Rail	14 24 2
27-6850	Shaft - Axle R.H.	23 * 1	37-9590	Spring	5 23 1
27-6860	Shaft - Axle L.H.	23 1 1	37-9770	Support - Seat	5 15 1
27-6880	Strut/Lever - Parking Brake	23 19 2	37-9920	Hose	13 3 1
27-6970	Stud - Bearing	15 30 1	38-2670	Kit - Charge Pump	18 37 1
27-7100	Assembly - Air Cleaner	7 13 1	38-2680	Pin	18 32 1
27-7110	Assembly - Element	7 7 1	38-3170	Pin - Seat Switch	5 13 1
27-7120	Assembly - Nut & Gasket	7 8 1	38-4020	Mounting - Seat	5 6 1
27-7130	Assembly - Clamp	7 10 1	38-4070	Trim - Hood	1 23 1
27-7140	Skirt - Baffle	7 9 1	38-4080	Trim - Hood	1 24 1
27-7150	Assembly - Cup	7 11 1	39-8850	Spindle - L.H.	12 18 1
27-7160	Decal - Instruction	7 12 1	39-8900	Spindle - R.H.	12 6 1
27-7170	Assembly - Mounting, Band	7 17 2	39-9600	Clamp - Mounting	8 5 1
27-7180	Assembly - Cap	7 5 1	40-2190	Torque Spider	23 5 2
27-7310	Decal - Refueling	5 10 1	41-8800	Pedal - Brake, R.H.	2 30 1
27-7320	Decal - Traction Pedal	8 39 1	41-8810	Pedal - Brake L.H.	2 28 1
27-7900	Screw - Adjusting	14 20 1	41-8820	Steering Gear Assembly	2 4 1
27-9870	Pin - Seat Switch	5 20 1	41-8830	Clamp - Coupling	2 6 1
28-0660	Screw - Hex. Hd.	23 21 8	41-8840	Shaft - Steering	2 11 1
28-0670	Oil Seal	23 13 2	41-8880	Arm - Gear Box	2 3 1
28-0680	Brake Drum	23 11 2	41-8900	Cover - Steering Tower	8 41 1
28-1120	Plug	21 8 1	41-8910	Decal - Instruction	8 24 1
28-1130	Plug	21 7 1	42-2540	Pin - Brake	2 27 1
28-1280	Boot - Battery Cable	10 * 1	42-2580	Bracket - Steering Post	8 33 1
28-3300	Bearing - Roller	18 4 1	42-3220	Rack	2 38 1
28-3310	Bearing - Needle	18 5 2	42-6080	Shim - Axle	9 5A/R
28-3340	Gasket	18 49 1	42-6080	Shim - Axle	13 19A/R
28-3350	Pin	18 48 2	43-1700	Valve - Hydraulic	20 8 1
28-3380	Plate - Motor Valve	18 45 1	43-2690	Assy. - Shoe & Lining	23 16 4
28-3400	"O"Ring	18 24 2	43-5220	Ring - Retaining	22 11 1
28-3420	Relief Valve Cone Charge	18 27 2	43-5230	Shaft w/Clevis	22 12 1
28-3440	Threaded Plug	18 42 2	43-5320	Pulley - P.T.O.	15 16 1
28-3450	Washer - Flat	18 36 2	43-5340	Pulley - Engine	11 23 1
28-3470	Lip Seal	18 34 1	43-5350	Tank - Fuel	13 2 1
28-3480	Bearing - Needle	18 33 1	43-6510	Gear & Pinion Assembly	25 * 1
28-3520	"O"Ring	18 31 1	43-6550	Ring - Retaining	25 30 1
28-3530	Screw - Hex. Hd.	18 30 2	43-6710	Shim - Adjusting .003	24 20A/R
28-3570	"O"Ring	18 21 2	43-6711	Shim - Adjusting .005	24 21A/R
28-3580	Ring - Backup	18 20 2	43-6712	Shim - Adjusting .010	24 22A/R
28-3590	"O"Ring	18 19 2	43-6713	Shim - Adjusting .030	24 23A/R
28-3640	Shaft - Pump	18 12 1	43-6750	Cup - Bearing	24 15 1
28-3650	Bearing - Ball	18 10 1	43-6760	Cone - Bearing	24 14 1
28-3660	Lip Seal	18 9 1	43-6800	Nut - Lock, Flange Hd.	23 12 8
28-3670	Shaft - Trunion	18 8 1	43-6850	Assembly - Lower Housing	24 4 1
28-5130	Pad - Traction Pedal	4 2 1	43-8480	Decal - Danger	13 6 1
28-5220	Wheel - Friction	4 6 1	43-8480	Decal - Danger	5 8 1
28-5640	Washer - Special	15 36A/R	44-2230	Coupling - Rubber	16 15 2
28-6180	Pin - Pedal	5 25 1	44-8680	Shield - Heat	14 11 1
28-8950	Spring - Extension	15 29 2	44-8690	Shield - Heat	11 2 1
28-9050	Hub - Bearing	15 19 1	44-8710	Shroud - Engine	11 4 1
29-4730	Washer	15 14 1	44-8720	Shaft - Drive	16 13 1
29-5600	Pivot Bracket Assembly	4 10 1	44-8820	Spring - Compression	14 18 1
29-5630	Pin - Pedal Pivot	4 4 1	44-8830	Grille - Rear Panel	1 3 1
29-5670	Pedal - Traction	4 1 1	44-8890	Retainer - Spring	14 17 2
29-6150	Spring - Leaf	17 22 1	44-8920	Cover - Battery	9 21 1
29-6163	Micro Switch	17 7 1	44-8950	Tube - Air Cleaner	7 6 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3317-820

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
44-8990	V-Belt - Torque Team	15 15 1	48-1800	Kit - Cylinder Block	18 16 2
44-9010	Bracket - Shield Support	11 5 1	49-2040	Screw - Self Tapping	28 31 1
44-9020	Oil Hose Assembly	11 14 1	49-2040	Screw - Self Tapping	11 32 1
44-9030	Foam - Hood (Front)	1 22 1	49-7820	Variable Swashplate	18 13 1
44-9040	Foam - Hood (Rear)	1 2 1	49-7830	Assembly - Check Valve	18 22 2
44-9050	Hose - Air Cleaner Inlet	7 2 1	49-7850	Center Section	18 39 1
44-9090	Axle - Rear	12 7 1	49-7870	Housing	18 6 1
44-9110	Tube - Steering	12 38 1	49-7910	Transmission	16 10 1
44-9120	Steering Plate Assembly	12 29 1	49-8200	Shaft - Motor	18 47 1
44-9190	Trim - Hood	1 18 1	51-3150	Shim	17 24 1
44-9220	Guide - Belt (Lower)	15 1 1	52-8890	Bracket - Mounting	17 16 1
44-9230	Guide - Belt	15 6 2	52-9070	Plate - Pump	17 17 1
44-9250	Control - Throttle	8 20 1	53-4430	Decal - Oil	8 26 1
44-9300	Control - Choke	8 13 1	55-3574	Cap - Fuel	13 7 1
44-9310	Bracket - Brake	15 5 1	57-6390	Nut - Jam	34 13 2
44-9320	Base - Engine	9 10 1	57-8000	Bearing - Camshaft	27 62 2
44-9330	Support Pad Assembly	15 7 1	57-8010	Gasket	27 8 1
44-9350	Arm - Engagement	15 24 1	57-8020	Bearing - Flange Std.	27 53 1
44-9390	Mount - Engine Rubber	9 4 2	57-8030	Bearing - Flange	27 * 1
44-9450	Adapter - Air Inlet	11 31 1	57-8040	Plate - Bearing	27 11 1
44-9460	Foam - Battery Cover	9 22 1	57-8050	Bearing - Std. Crankshaft	27 10 1
46-2210	Shim - Front Pinion Bearing24	29A/R	57-8060	Bearing - Crankshaft .010	27 * 1
46-2211	Shim - Front Pinion Bearing24	*A/R	57-8070	Gasket	29 14 1
46-2212	Shim - Front Pinion Bearing24	*A/R	57-8080	Plug	29 13 1
46-2213	Shim - Front Pinion Bearing24	*A/R	57-8090	Gasket	29 9 1
46-2214	Shim - Front Pinion Bearing24	*A/R	57-8130	Gear - Crankshaft	31 11 1
46-2215	Shim - Front Pinion Bearing24	*A/R	57-8140	Washer - Special	31 10 1
46-2216	Shim - Front Pinion Bearing24	*A/R	57-8150	Screw - Hex. Hd. Spec.	31 1 1
46-2220	Shim - Front Pinion Bearing24	*A/R	57-8160	Washer - Thrust	27 9 2
46-2221	Shim - Front Pinion Bearing24	*A/R	57-8170	Shim	27 23A/R
46-2222	Shim - Front Pinion Bearing24	*A/R	57-8180	Gear - Ring	31 6 1
46-2223	Shim - Front Pinion Bearing24	*A/R	57-8210	Gear	31 16 1
46-2224	Shim - Front Pinion Bearing25	29A/R	57-8230	Washer	31 15 1
46-2225	Shim - Front Pinion Bearing25	*A/R	57-8280	Gasket - Valve Cover	27 3 2
46-2226	Shim - Front Pinion Bearing25	*A/R	57-8410	Bolt - Special	27 48 4
46-2390	Muffler - Spark Arrester	11 * 1	57-8420	Rod - Connecting Std.	27 49 2
46-2410	Shim - Front Pinion Bearing25	*A/R	57-8430	Rod - Conn. .010 undersize27	* 2
46-2411	Shim - Front Pinion Bearing25	*A/R	57-8440	Rod - Conn. .020 undersize27	* 2
46-2412	Shim - Front Pinion Bearing25	*A/R	57-8450	Tappet - Valve Std.	27 71 4
46-2413	Shim - Front Pinion Bearing25	*A/R	57-8460	Kit - Gasket, Oil Pump	27 61 1
46-2414	Shim - Front Pinion Bearing25	*A/R	57-8470	Plunger - Bypass Valve	27 64 1
46-2415	Shim - Front Pinion Bearing25	*A/R	57-8470	Valve - By-pass Plunger	27 42 1
46-2416	Shim - Front Pinion Bearing25	*A/R	57-8480	Pump - Oil	27 57 1
46-2420	Shim - Front Pinion Bearing25	*A/R	57-8490	Cup - Intake	29 8 1
46-2421	Shim - Front Pinion Bearing25	*A/R	57-8500	Spring - Bypass Valve	27 65 2
46-2422	Shim - Front Pinion Bearing25	*A/R	57-8510	Adapter - Oil Filter	27 32 1
46-2423	Shim - Front Pinion Bearing25	29A/R	57-8530	Filter - Oil	27 20 1
46-2424	Shim - Front Pinion Bearing25	*A/R	57-8540	Base - Filter	27 21 1
46-2425	Shim - Front Pinion Bearing25	*A/R	57-8580	Baffle - Breather Tube	32 25 1
46-2426	Shim - Front Pinion Bearing25	*A/R	57-8720	Adapter - Carburetor	32 5 1
46-3320	Trim - Hood	1 20 1	57-8800	Elbow - Air Inlet	32 1 1
46-3350	Panel - Instrument	8 11 1	57-8830	Gasket	27 27 2
46-3460	Decal - By-Pass	8 9 1	57-9080	Pump - Fuel	30 24 1
46-7280	Plug - Pipe	18 40 1	57-9090	Ring - Retaining	31 20 1
46-7310	Relief Valve Spring Imp.	18 26 1	57-9100	Spring	28 4 1
46-7320	Plate - Pump Valve	18 17 1	57-9120	Bushing	28 8 1
46-8560	Screw - Hex. Flange Hd.	5 2 4	57-9130	Hub - Cup, Governor	31 19 1
46-8560	Screw - Self Tap. Hex. Hd.	8 40 11	57-9140	Arm - Governor Control	28 7 1
46-8810	Stop - Leaf Spring	17 9 1	57-9150	Bracket - Cable	28 16 1
46-9110	Spring - Seat	6 15 2	57-9160	Rod - Governor Control	33 9 1
46-9120	Mount - Seat	6 17 2	57-9170	Swivel	32 9 1
47-4760	Shim - P.T.O. Block	15 20 1	57-9180	Link - Choke	32 18 1
47-4780	Arm - Engagement	14 10 1	57-9190	Clamp - Cable	28 30 1

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57-9200	Gasket	33 11 1	59-0680	Elbow - Male (to Filter)	27 38 1
57-9210	Gasket	28 23 2	59-0690	Clamp	32 2 2
57-9220	Hose - Oil	27 36 2	59-0710	Hose	30 28 1
57-9230	Outlet	28 24 1	59-0710	Hose - Fuel	11 19 1
57-9240	Outlet	28 27 1	59-0720	Pin - Cotter	32 12 1
57-9260	Gasket - Plate	30 30 1	59-0730	Pin - Drive	27 7 4
57-9340	Plug - Spark	30 22 2	59-0740	Pin - Dowel	30 8 1
57-9360	Bearing - Flange	27 * 1	59-0750	Pin - Alignment	27 60 2
57-9440	Stator	31 32 1	59-0790	Stud	30 37 1
57-9490	Switch - Low Oil Pressure	27 31 1	59-0810	Washer	31 3 1
57-9540	Clamp	32 22 1	59-0840	Washer - Flat	27 17 2
57-9550	Clamp	30 25 7	59-0860	Washer - Flat	27 18 2
57-9570	Seal - Oil	30 4 1	59-0910	Screw - Hex. Hd.	27 66 1
57-9580	Seal - Oil	30 39 1	59-0940	Screw - Mach. Rd. Hd.	32 3 3
57-9590	Seal - Oil	27 12 1	59-0970	Screw - Self Tap. Hex. Hd.	28 22 1
57-9610	"O" Ring	29 3 1	59-0980	Screw - Self Tap Hex. Hd.	28 29 2
57-9620	"O" Ring	33 7 1	59-0980	Screw - Self Tap. Hex. Hd.	28 20 4
57-9620	Seal	32 6 1	59-1010	Screw - Hex. Flange Hd.	28 10 2
57-9630	Ball - Bearing	30 6 1	59-1020	Screw - Shoulder	32 19 1
57-9640	Ball - Governor	31 17 5	59-1030	Screw - Self Tap. Hex. Hd.	28 5 1
57-9650	Bearing	30 5 1	59-1050	Screw - Self Tap. Pan Hd.	30 23 2
57-9660	Key - Gear	31 13 1	59-1080	Screw - Hex. Flange Hd.	28 14 4
57-9660	Key - Woodruff	31 14 1	59-1080	Screw - Hex. Hd.	31 36 1
57-9690	Plug - Welch	27 6 1	59-1090	Screw - Hex. Washer Hd.	28 2 2
57-9700	Clip	33 8 1	59-1130	Nut	27 16 3
57-9710	Ring - Retaining	31 9 1	61-8140	Cover - Seat Support	5 1 1
57-9720	Ring - Retaining	27 46 4	61-9650	Hose - Fuel	13 11 1
57-9730	Clip - Retaining	30 1 1	62-2730	Starter Bushing Kit	34 8 1
57-9740	Washer - Flat	27 72 2	62-2740	Starter Brush Kit	34 9 1
57-9750	Washer - Flat	30 13 5	62-2750	Brush Mounting Kit	34 12 1
57-9750	Washer - Flat	27 33 2	62-2760	Starter Hardware Kit	34 1 1
57-9760	Washer - Flat	27 40 1	62-2770	Starter Shift Lever Kit	34 4 1
57-9760	Washer - Flat	27 67 1	62-7400	Decal - Toro	8 42 1
57-9770	Washer - Flat	27 29 18	63-7400	Washer	9 2 4
57-9770	Washer - Mounting Screw	34 10 2	63-7590	Relay	14 25 1
57-9790	Nut - Lock Hex. Crown	27 50 4	63-8360	Key	8 17 1
57-9800	Bearing - Flange	27 * 1	66-3110	Fitting	19 11 2
59-0010	Bearing - Flange	27 * 1	66-8130	Hose	19 19 1
59-0020	Bearing - Crankshaft .002	27 * 1	66-8190	Hose	19 8 1
59-0030	Bearing - Crankshaft .020	27 * 1	67-1710	Decal - Caution	5 4 1
59-0040	Bearing - Crankshaft .030	27 * 1	68-7320	Decal - Hydraulic Lift	5 3 1
59-0050	Insert - Valve Seat Std.	27 25 2	68-7330	Decal - Caution	5 9 1
59-0080	Insert - Valve Seat .010 OS	27 * 2	68-7350	Decal - Instrument Panel	8 15 1
59-0100	Insert - Exhaust Valve Seat	27 52 2	68-9700	Assembly - Hydra. Cylinder	19 18 2
59-0250	Rod - Conn. .030 undersize	27 * 2	70-2770	Head	22 9 1
59-0260	Tappet - Valve .002 OS	27 * 4	70-2780	Piston	22 4 1
59-0270	Tappet - Valve .005 OS	27 * 4	70-2790	Kit - Seal Repair	22 * 1
59-0290	Tube - Oil	27 54 1	70-9830	Shaft - Traction Pedal	4 5 1
59-0300	Bracket	27 15 1	71-0590	Assembly - Fitting	19 5 1
59-0370	Cap - Fuel Fitting	30 27 1	71-0670	Hose - Trans. to Valve	19 6 1
59-0400	Pin	31 21 1	71-0680	Hose	19 16 1
59-0420	Yoke	30 35 1	71-0690	Hose - Cyl. Tee to Valve	19 27 1
59-0430	Spring - Idle Setting	28 6 1	71-0700	Spacer	11 24 1
59-0440	Shaft	30 36 1	71-3270	90° Elbow	19 14 2
59-0450	Cup - Governor	31 18 1	71-3370	Hose - Fuel	13 21 1
59-0460	Lever - Choke	32 10 1	71-3370	Line - Fuel	11 29 1
59-0470	Bracket	32 13 1	71-3770	Hose - Pressure, Low	19 24 1
59-0580	Washer - Flat	32 11 2	71-5730	Base	29 15 1
59-0590	Terminal	31 33 3	71-5750	Crankshaft	31 12 1
59-0630	Bracket - Lift	28 12 2	71-5770	Valve - Intake	27 26 2
59-0640	Elbow - Street 45°	27 44 1	71-5780	Valve - Exhaust	27 51 2
59-0660	Hose - Oil	27 13 2	71-5790	Spring - Valve	27 68 4

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71-5820	Head - Cylinder R.H.	27 28 1	72-3960	Switch - Temp. Cut-Off	27 41 1
71-5830	Cap - Valve	27 69 4	72-3970	Cover - Exhaust Tube L.H.	28 1 1
71-5840	Lock - Valve Spring	27 70 8	72-3980	Cover - Exhaust Tube R.H.	28 3 1
71-5850	Cover - Valve	27 2 2	72-3990	Terminal - Ring	10 * 1
71-5880	Cap	29 4 1	72-3990	Terminal - Ring	31 29 1
71-5900	Screw - Air Inlet	31 4 1	72-4000	Terminal - Receptacle	10 * 5
71-5910	Housing - L.H.	28 28 1	72-4000	Terminal - Receptacle	31 23 5
71-5920	Flywheel	31 5 1	72-4010	Housing - Receptacle	10 5 1
71-5930	Housing - Blower	28 21 1	72-4010	Housing - Receptacle	31 25 1
71-5940	Housing - R.H.	28 13 1	72-4020	Housing - Tab	10 4 1
71-5960	Filter - Fuel	11 28 1	72-4020	Housing - Tab	31 26 1
71-5960	Filter - Fuel	30 29 1	72-4030	Housing	10 * 1
71-5970	Bracket	28 33 1	72-4030	Housing	31 28 1
71-5980	Gasket	33 17 2	72-4040	Terminal - Tab	10 * 4
71-5990	Plate - Plunger Cover	30 31 1	72-4040	Terminal - Tab	31 24 4
71-6000	Coil	30 3 1	72-7920	Muffler	11 15 1
71-6010	Rotor - Ignition	30 40 1	72-7930	Extension	11 9 1
71-6020	Cable - Plug 18.5 Long	30 * 1	72-9420	Vent Tube Assembly	25 41 1
71-6030	Regulator	31 35 1	74-0720	Tube - Manual	6 2 1
71-6040	Starter Assembly	34 * 1	75-0810	Decal	8 29 2
71-6060	Clip	30 21 1	76-1420	Wheel - Steering	2 18 1
71-6070	Harness - Wiring	10 * 1	76-3080	Arm - Lift, R.H.	19 29 1
71-6070	Harness - Wiring	31 27 1	76-3090	Arm - Lift, L.H.	19 28 1
71-6100	Line - Pulse	30 26 1	80-3330	Gasket	7 14 1
71-6130	Hose - Breather	32 23 1	82-0520	Gasket	27 43 1
71-6140	Grommet	28 32 1	82-0530	Clamp	32 20 1
71-6150	Grommet - Air Seal	28 15 1	82-0540	Tube - Breather	32 21 1
71-6170	Seal	29 1 1	82-0550	Breather Cap & Valve	32 28 1
71-6180	Seal - Intake Valve	27 4 2	82-0560	Screen - Breather Tube	32 24 2
71-6190	Key - Flywheel	31 7 1	82-0570	Seal - "O" Ring	32 26 1
71-6210	Plug - Button	32 7 1	82-1480	Screw - Self Tapping	32 27 1
71-6220	Clip - Wire	30 17 2	82-1720	Cap Solenoid	34 7 1
71-6220	Clip - Wire	28 19 1	82-1730	Nut - Hex.	34 6 1
71-6230	Kit - Connector, Harness	31 * 1	82-1790	Oil Fill Tube & Bracket Assy.	29 2 1
71-6240	Screw - Flange	27 22 5	82-1800	Piston - Std.	27 45 2
71-6250	Guide - Exhaust Valve	27 5 2	82-1810	Piston - .010 OS	27 45 2
71-6260	Guide - Intake Valve	27 5 2	82-1820	Piston - .020 OS	27 * 2
71-6270	Screw - Hex. Hd.	27 30 18	82-1830	Piston - .030 OS	27 * 2
71-6290	Kit - Gasket Comp. Engine	27 56 1	82-1840	Ring Set - Piston Std.	27 55 2
71-6300	Kit - Valve Grinding	27 * 1	82-1850	Ring Set - Piston	27 * 2
71-6310	Pin - Piston	27 47 4	82-1860	Ring Set - Piston	27 * 2
71-6320	Camshaft	31 22 1	82-1870	Ring Set - Piston	27 * 2
71-6340	Screw - Flange	31 8 6	82-1880	Block - Short	27 63 1
71-6350	Kit - Gearcase	30 12 1	82-8530	Fitting - Straight	19 10 2
71-6360	Gasket	30 7 1	84-8600	Set - Brake Shoe (4 Shoes)	23 * 1
71-6370	Body - Terminal	31 34 2	86-7220	Gear - Spur	16 26 1
71-6380	Control - Ignition	30 15 1	86-7230	Gear - Spur	24 18 1
71-6390	Screw - Mach. Hex. Hd.	31 30 3	86-7290	Frame Assembly	8 37 1
71-6400	Screw - Flange Hex. Hd.	30 20 2	86-7470	Diode	10 2 1
71-6410	Insulator	30 16 1	86-7930	Upper Housing Assembly	24 24 1
71-6420	Cable - Plug 9 Long	30 41 1	86-9470	Harness - Wire	10 1 1
71-6430	Nut - Flange	30 43 1	86-9660	Axle Assembly	13 16 1
71-6440	Nut - Flange	30 42 1	92-1180	Seat	6 4 1
71-6450	Screw - Flange Hex. Hd.	30 18 1	92-6312	Spacer	13 22 2
71-6460	Screw - Flange Hex. Hd.	30 2 2	92-6533	Kit - Cushion	6 5 1
71-6480	Manifold - Intake	33 14 1	92-6534	Shell - Seat	6 7 1
72-3880	Screw - Flange Hex. Hd.	32 14 1	94-1812	Engine - Onan (Model No.	11 18 1
72-3890	Screw - Mach. Hex. Hd.	32 8 1	94-1843	Kit - Float	33 * 1
72-3900	Screw - Self Tap. Hex. Hd.	28 17 1	94-1844	Kit - Accelerator Pump	33 * 1
72-3900	Screw - Self Tap. Slot. Hd.	32 16 1	94-1847	Kit - Carburetor (Flange	33 10 1
72-3930	Starter Solenoid Kit	34 5 1	94-1848	Jet - High (Fixed Main)	33 * 1
72-3940	Starter Clutch Kit	34 3 1	94-5411	Decal - Groundsmaster 220	1 6 2

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217-108	Rim	12 21 2	302-5	Fitting - Grease	14 4 2
218-473	Boot - Toggle Switch	8 8 1	302-5	Fitting - Grease	12 11 4
218-515	Bracket - Mounting	8 25 1	302-5	Fitting - Grease	2 31 2
2112-9	Clamp	11 8 1	302-5	Fitting - Grease	15 38 1
231-103	Tire	13 12 2	302-40	Fitting - Grease	15 18 2
231-104	Tire	12 20 2	302-62	Fitting - Grease	19 37 2
232-35	Valve Stem w/Cap	13 15 2	304-99	90° Barb Hose Stem	19 17 1
232-35	Valve Stem w/Cap	12 28 2	321-3	Screw - Hex. Hd.	15 33 2
232-39	Tube - Inner (Optional)	12 * 2	321-3	Screw - Hex. Hd.	30 33 2
232-43	Tube - Inner (Optional)	13 * 2	321-4	Screw - Hex. Hd.	17 21 2
233-17	Knob	2 14 1	321-6	Screw - Hex. Hd.	27 59 2
233-35	Knob	8 16 2	321-9	Screw - Hex. Hd.	17 3 2
233-39	Knob	20 1 1	321-10	Screw - Hex. Hd.	27 1 2
237-22	"O"Ring	19 9 4	321-10	Screw - Hex. Hd.	20 13 1
237-42	"O"Ring	21 2 1	321-24	Screw - Hex. Hd.	20 7 3
237-42	"O"Ring	19 3 6	322-3	Screw - Hex. Hd.	7 16 4
237-78	"O"Ring	19 13 3	322-3	Screw - Hex. Hd.	28 26 4
237-80	"O"Ring	19 22 1	322-3	Screw - Hex. Hd.	9 28 4
237-81	Seal - "O"Ring	25 44 1	322-4	Screw - Hex. Hd.	15 8 2
237-150	"O"Ring	19 15 4	322-4	Screw - Hex. Hd.	27 14 3
241-119	Cap - Dust	12 24 2	322-5	Screw	6 8 4
242-34	Stud - Axle Flange	23 9 10	322-5	Screw - Hex. Hd.	16 31 1
242-35	Nut - Hex.	13 14 10	322-9	Screw - Hex. Hd.	30 14 4
249-39	Assembly - Handle	5 12 2	322-9	Screw - Hex. Hd.	33 15 2
249-40	Keeper - Reverse	1 19 2	322-10	Screw - Hex. Hd.	33 12 4
2412-36	Clamp - Hose	11 20 5	322-17	Screw - Hex. Hd.	17 18 1
2412-36	Clamp - Worm Drive	19 20 4	322-22	Screw - Hex. Hd.	34 11 2
2412-37	Clamp - Muffler	11 16 2	323-5	Screw - Hex. Hd.	12 5 2
2412-39	"R"Clamp	11 10 2	323-8	Screw - Hex. Hd.	18 29 2
2412-42	Clamp - Hose	7 1 2	323-10	Screw - Hex. Hd.	18 43 4
2412-42	Clamp - Hose	11 33 1	323-12	Screw - Hex. Hd.	9 7 4
2412-108	Clamp	19 39 4	323-18	Screw - Hex. Hd.	15 12 1
2412-108	Clamp - Worm Drive	13 5 5	323-38	Screw - Hex. Hd.	16 23 2
2412-123	"R"Clamp	6 3 2	323-39	Screw - Hex. Hd.	17 14 2
2412-142	"R"Clamp	11 30 1	323-42	Screw - Hex. Hd.	29 12 4
251-77	Collar - Locking	15 28 2	324-6	Screw - Hex. Hd.	8 31 3
251-253	Bearing w/Collar	15 26 2	324-9	Screw - Hex. Hd.	13 20 4
251-255	Bearing - Flange	15 25 4	324-23	Screw - Hex. Hd.	24 19 4
251-259	Bearing - Ball	17 23 1	324-23	Screw - Hex. Hd.	18 35 2
251-268	Bearing	15 21 2	325-8	Screw	9 15 2
251-269	Bearing - Pillow Block	14 5 2	3210-5	Screw - Hex. Hd.	16 17 4
251-275	Bearing - Ball	2{15 1	3210-7	Screw - Hex. Hd.	17 4 1
252-6	Bearing	12 3 2	3210-7	Screw - Hex. Hd.	24 25 8
253-129	Seal - Oil	12 19 2	3210-8	Screw - Hex. Hd.	16 22 4
254-65	Cone - Bearing Tapered	25 34 2	3211-27	Screw - Hex. Hd.	1 12 2
254-66	Cup - Bearing Tapered	25 33 2	3211-27	Screw - Hex. Hd.	27 39 1
254-72	Cup - Bearing	12 22 4	3217-4	Nut - Hex.	27 19 2
254-90	Cup - Bearing	24 27 1	3217-6	Nut - Hex.	7 3 2
254-91	Cone - Bearing	24 28 1	3217-6	Nut - Hex.	15 9 4
254-94	Cone - Bearing	12 27 4	3217-6	Nut - Hex.	30 38 1
256-42	Bushing	2 29 4	3217-7	Nut - Hex.	16 1 1
256-101	Bushing	19 38 4	3217-7	Nut - Hex.	8 36 1
256-121	Bushing	12 17 2	3217-8	Nut - Hex.	2 8 1
256-156	Bushing - Flange	4 9 2	3217-8	Nut - Hex.	13 17 4
256-173	Bushing	5 5 2	3217-9	Nut	9 11 4
281-1	Yoke	14 22 1	3217-16	Nut - Hex.	17 11 2
281-2	Plug	29 10 2	3217-26	Nut - Hex.	8 28 1
283-17	Pin - Clevis	20 12 1	3218-3	Nut - Hex. Jam	9 25 1
283-42	Pin - Clevis	14 23 1	3218-5	Nut - Hex. Jam	16 32 2
283-58	Pin - Clevis	2 24 2	3219-2	Nut	24 2 8
285-17	Plug - Pipe	18 28 4	3219-2	Nut - Hex.	17 6 1
289-38	Nipple - Pipe	25 43 1	3219-14	Nut - Brass	8 2 6

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3220-3	Nut - Hex. Jam	14 21 1	3254-9	Washer - Int. Tooth	17 10 2
3220-3	Nut - Jam	4 11 2	3255-7	Washer - Lock	11 34 1
3220-3	Nut - Jam	2 21 4	3255-8	Washer - Lock	24 3 8
3220-3	Nut - Jam	12 30 12	3255-9	Washer - Lock	9 17 1
3220-5	Nut - Hex. Jam	12 36 3	3256-1	Washer - Flat	28 9 8
3220-5	Nut - Hex. Jam	2 41 2	3256-1	Washer - Flat	33 16 2
3220-5	Nut - Jam	4 13 1	3256-1	Washer - Flat	30 32 2
3220-8	Nut	2 1 1	3256-1	Washer - Flat	27 35 1
3220-12	Nut - Hex. Jam	12 34 3	3256-2	Washer - Flat	17 19 2
3230-2	Carriage - Bolt	17 12 2	3256-3	Washer	11 35 1
3230-16	Bolt - Carriage	15 34 4	3256-3	Washer - Flat	16 20 4
3231-29	Bolt - Carriage	9 26 1	3256-3	Washer - Flat	28 25 4
3232-13	Screw - Hex. Flange Hd.	19 34 2	3256-21	Washer - Flat	8 4 2
3232-16	Bolt - Carriage	2 5 1	3256-22	Washer - Flat	1 4 8
3234-4	Screw - Flange Hex. Hd.	11 27 1	3256-22	Washer - Flat	2 10 3
3234-4	Screw - Hex. Flange Hd.	14 1 4	3256-22	Washer - Flat	8 21 1
3234-4	Screw - Hex. Flange Hd.	8 12 1	3256-23	Washer - Flat	15 4 2
3234-5	Screw - Hex. Flange Hd.	28 11 2	3256-23	Washer - Flat	33 6 1
3234-11	Screw - Flange Hex. Hd.	9 20 2	3256-23	Washer - Flat	14 12 2
3234-11	Screw - Flange Lock	11 13 4	3256-23	Washer - Flat	33 13 4
3234-11	Screw - Hex. Flange Hd.	5 16 4	3256-24	Washer - Flat	9 6 2
3234-11	Screw - Hex. Flange Hd.	8 43 1	3256-26	Washer - Flat	16 4 1
3234-11	Screw - Hex. Hd.	15 27 3	3256-26	Washer - Flat	6 10 2
3234-13	Screw - Hex Flange. Hd.	11 1 10	3256-26	Washer - Flat	2 37 2
3234-13	Screw - Hex. Flange Hd.	1 10 4	3256-28	Washer - Flat	12 26 3
3234-13	Screw - Hex. Flange Hd.	12 14 1	3256-41	Washer - Flat	13 10 3
3234-13	Screw - Hex. Flange Hd.	5 14 1	3256-41	Washer - Flat	14 19 1
3234-13	Screw - Hex. Flange Hd.	28 18 1	3257-5	Key - Woodruff	15 11 1
3234-13	Screw - Hex. Flange Hd.	16 33 2	3257-5	Key - Woodruff	18 11 2
3234-17	Screw - Hex. Hd.	6 16 4	3257-5	Key - Woodruff	16 24 2
3234-18	Screw - Hex. Flange Hd.	11 21 2	3258-19	Screw - Machine	7 15 2
3234-18	Screw - Hex. Hd.	13 8 3	3269-16	Rivet - Pop	5 11 4
3234-21	Screw - Hex. Flange Hd.	15 23 2	3269-16	Rivet - Pop	1 21 4
3235-23	Screw - Hex. Hd.	11 22 4	3272-5	Pin - Cotter	14 15 1
3245-1	Screw - Set	16 9 4	3272-5	Pin - Cotter	2 22 3
3245-1	Screw - Set	15 35 2	3272-6	Pin - Cotter	20 3 1
3247-4	Screw - Socket Hd. Set	27 24 2	3272-10	Pin - Cotter	16 3 1
3249-11	Screw - Round Hd.	17 8 2	3272-10	Pin - Cotter	4 3 4
3250-16	Screw - Mach. Pan Hd.	30 34 2	3272-10	Pin - Cotter	2 25 3
3251-3	Screw - Mach. Rd. Hd.	8 14 4	3272-13	Pin - Cotter	12 23 2
3253-2	Washer - Lock	32 4 3	3272-17	Pin - Cotter	19 30 2
3253-2	Washer - Lock	31 31 3	3272-23	Pin - Cotter	19 1 6
3253-3	Washer - Lock	20 9 2	3274-18	Screw - Cap Soc. Hd.	27 34 2
3253-3	Washer - Lock	15 22 2	3274-31	Screw - Cap Button Hd.	9 18 3
3253-3	Washer - Lock	27 58 2	3290-134	Screw - Mach. Hex. Hd.	9 9 4
3253-4	Washer - Lock	15 10 4	3290-211	Washer - Lock	1 8 4
3253-4	Washer - Lock	14 13 2	3290-357	Nut - Flange Lock	15 2 6
3253-4	Washer - Lock	16 21 2	3290-357	Nut - Flange Lock	11 11 4
3253-5	Washer - Lock	29 11 4	3290-357	Nut - Flange Lock	9 16 1
3253-6	Washer - Lock	31 2 1	3290-378	Tie - Cable	19 7 3
3253-6	Washer - Lock	2 9 1	3290-378	Tie - Cable	11 17 3
3253-6	Washer - Lock	13 18 4	3290-378	Tie - Cable	8 19 1
3253-6	Washer - Lock	8 32 3	3290-378	Tie - Cable	16 35 1
3253-7	Washer - Lock	9 14 2	3290-378	Tie - Cable	2 36 1
3253-21	Washer - Lock	16 2 3	3290-433	Retainer - Grip Nut	9 24 1
3253-21	Washer - Lock	15 13 1	3296-2	Nut - Lock	9 27 4
3253-21	Washer - Lock	17 13 2	3296-5	Nut - Lock	14 16 1
3253-21	Washer - Lock	8 35 1	3296-5	Nut - Lock	1 17 2
3253-28	Washer - Lock	2 2 1	3296-15	Nut - Lock	12 1 1
3254-1	Washer - Ext. Tooth	8 27 1	3296-16	Nut - Lock	11 3 1
3254-1	Washer - Lock	32 17 1	3296-29	Nut - Lock	15 3 2
3254-1	Washer - Lock	30 19 2	3296-29	Nut - Lock	9 3 4
3254-8	Washer - Lock	8 3 2	3296-29	Nut - Lock	17 20 3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3296-33	Nut - Lock	15 32 1	32128-33	Nut - Hex. Flange	2 13 1
3296-33	Nut - Lock	2 42 1	32128-33	Nut - Hex. Flange	1 14 4
3296-39	Nut - Lock	9 1 5	32128-33	Nut - Hex. Flange Hd.	20 10 4
3296-39	Nut - Lock	6 14 2	32128-33	Nut - Hex. Flange Hd.	5 17 1
3296-42	Nut - Lock	17 1 4	32128-49	Nut - Hex. Flange	4 12 2
3296-42	Nut - Lock	9 19 3	32136-5	Nut - Hex. Castle	12 25 2
3296-42	Nut - Lock	8 38 2	32140-94	Screw - Self Tap. Hex. Hd.	1 5 8
3296-44	Nut - Lock	12 4 2	32144-10	Screw - Hex. Self Tap	2 33 1
3296-49	Nut - Lock	12 8 1	32144-11	Screw - Self Tap. Hex. Hd.	14 14 2
32104-17	Screw - Flange Hex. Hd.	14 26 1	32149-2	Nut - Lock	20 4 2
32104-60	Screw - Flange Hex. Hd.	8 1 1	32149-2	Nut - Lock	11 25 1
32104-116	Screw - Flange Hex. Hd.	8 7 2	32149-7	Nut - Keps	8 22 4
32104-116	Screw - Flange Hex. Hd.	14 8 1	32151-36	Ring - Retaining	12 16 3
32107-11	Nut - Square	7 18 2	32151-46	Ring - Retaining	18 1 2
32120-72	Ring - Retaining	16 27 1	32152-5	Nut - Lock	16 14 6
32121-4	Pin - Roll	5 22 1	32152-10	Nut - Jam	22 2 1
32121-6	Pin - Roll	4 7 1	340-77	90° Elbow	19 2 1
32121-6	Pin - Roll	5 21 1	340-125	Fitting - Tee, Adjustment	19 36 1
32121-10	Pin - Roll	2 19 1	351-78	Edging	6 6 1
32121-15	Pin - Roll	25 35 1	353-428	Elbow - Male 90°	11 6 1
32121-18	Pin - Roll	5 24 1	353-536	Elbow - 90°	13 1 3
32121-31	Pin - Roll	14 6 2	353-565	Fitting - Connector	19 26 1
32121-34	Pin - Roll	15 39 1	353-567	Fitting - Tee, Male	19 25 1
32121-73	Pin - Roll	20 14 1	353-705	45° Elbow	13 4 1
32121-91	Pin	18 14 3	353-714	Elbow - Male 45°	11 12 1
32121-119	Pin - Roll	15 40 1	354-18	Fitting - Hose Barb	25 32 1
32128-19	Nut - Flange	1 7 2	354-24	Fitting	19 21 1
32128-20	Nut	6 11 4			
32128-20	Nut - Hex. Flange	7 19 4			

MAINTENANCE RECORD

[illegible]