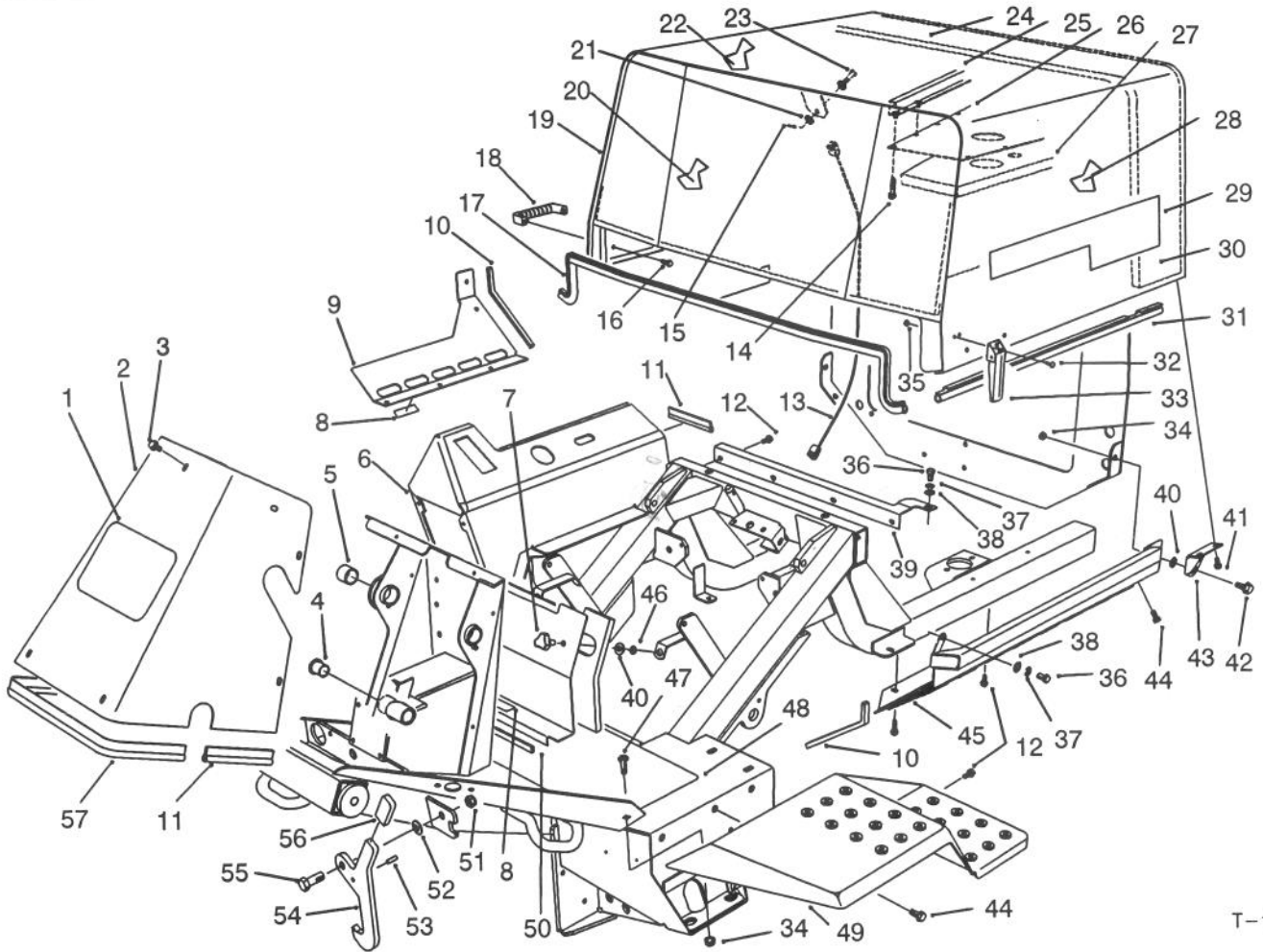


MODEL NO.30450-20001 & UP MODEL NO.30455-20001 & UP MODEL NO.30401-20001 & UP	PARTS CATALOG
GROUNDMASTER® 455D TRACTION UNIT WITH CUTTING DECK	

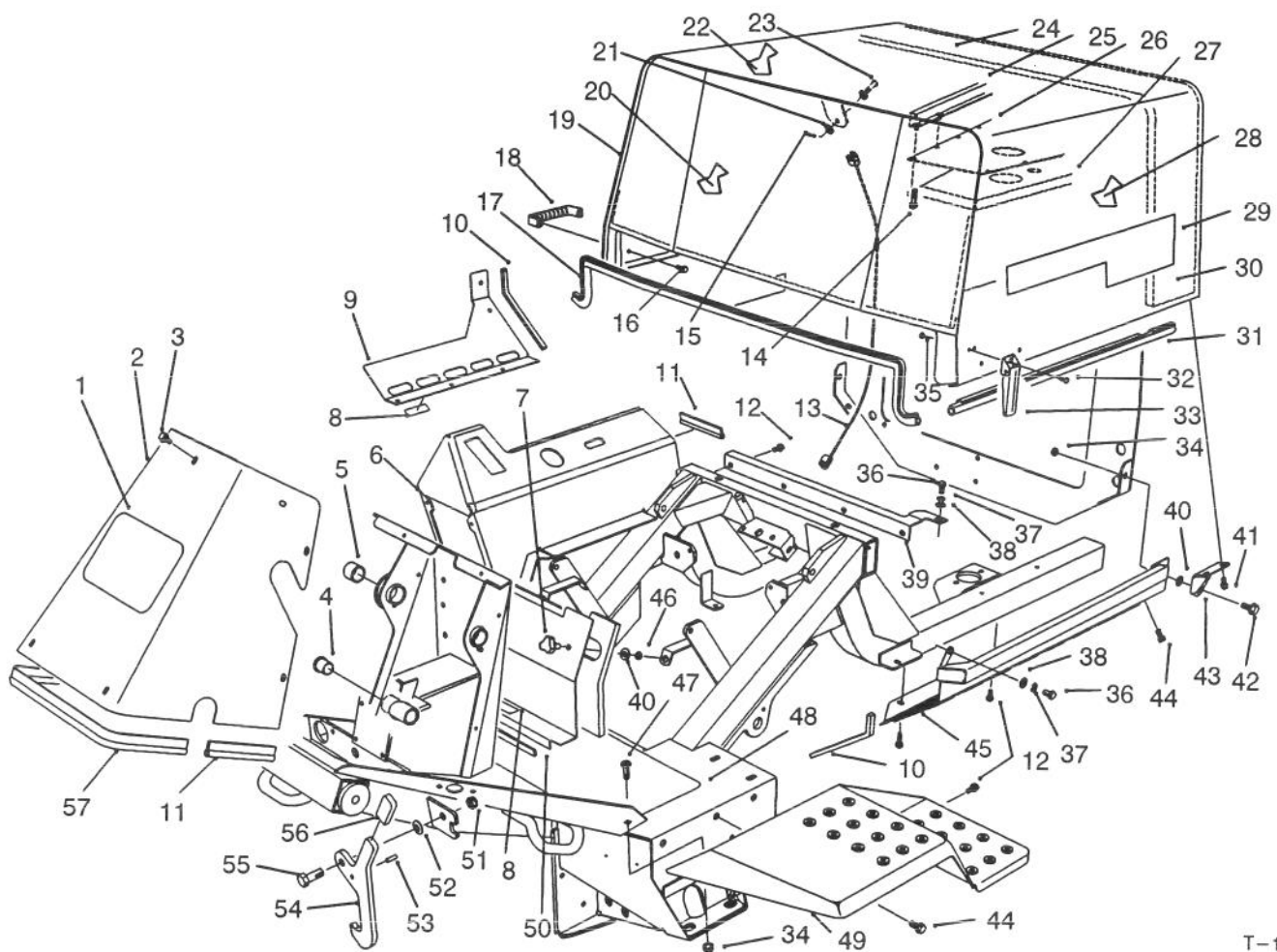


T-1512

FRAME & BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	62-7400	Decal - TORO	1	14	32104-76	Screw - Slot. Acorn Hd.	17
2	76-9700	Cover - Tower	1	15	3272-10	Pin - Cotter	1
3	46-6810	Screw - Hex. Washer Hd.	9	16	46-8091	Screw - Hex. Washer Hd.	4
4	256-10	Bushing - Flange	2	17	76-6470	Strip - Seal, Hood Front	1
5	256-237	Bushing - Sleeve	1	18	65-5100	Handle - Hood	2
6	84-1080	Frame Assembly (Incl. Ref # 4 & 5)	1	19	14-7479	Hood W.A.	1
7	77-3620	Retainer - Cover	2	20	88-1500	Foam - Firewall	1
8	70-2560	Decal - Oil (Model No. 30450) (Model No. 30455)	1 2	21	62-1230	Washer	2
9	76-8290	Shroud - Lower R.H.	1	22	86-2210	Foam - Hood, Top Right	1
10	68-7573	Seal - Shroud	2	23	283-58	Pin - Clevis	1
11	76-6360	Strip - Seal	2	24	86-2520	Foam - Hood, Right Rear	1
12	32144-11	Screw - Hex. Washer Hd.	10	25	86-2220	Foam - Hood, Top Left	1
13	66-2871	Cable - Hood	1	26	86-1650	Plate - Duct, Air	1
				27	86-1690	Foam - Intake, Air	1
				28	86-2200	Foam - Hood, Rear	1
				29	84-1460	Decal - Groundsmaster 455D	2

TPS

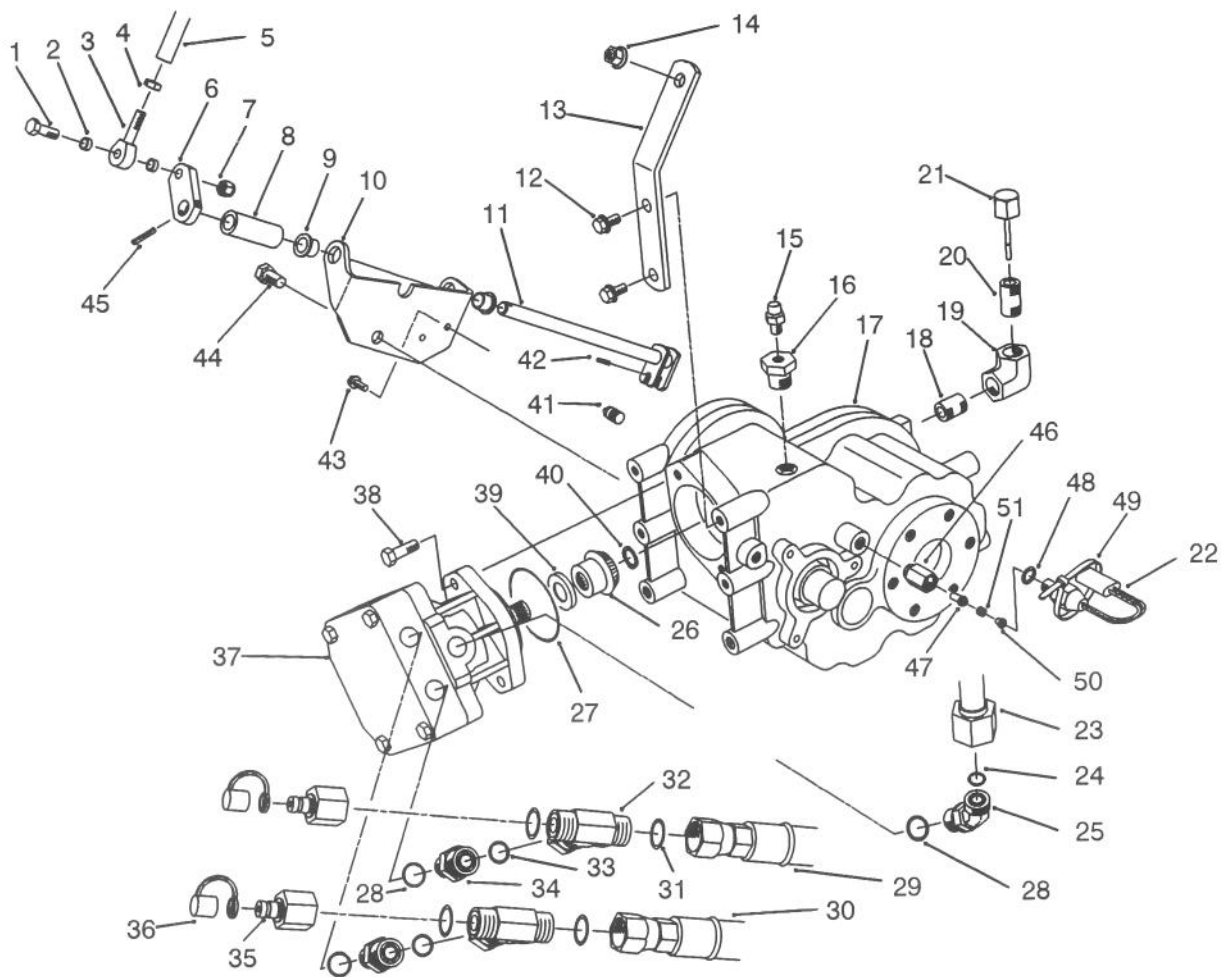


T-1512

FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
30	86-2530	Foam - Hood, Left Rear	1	44	3234-12	Screw - Hex. Washer Hd.	9
31	3296-25	Nut - Lock	2	45	82-3600	Shroud - Lower, L.H.	1
32	3290-359	Screw - Round Hd.	2	46	32151-72	Retainer - Push-in	2
33	69-3020	Latch - Draw	2	47	3231-22	Bolt - Carriage	2
34	3290-357	Nut - Lock, Flange Hd.	4	48	74-4090	Tread - Foot	1
35	3296-2	Nut - Lock	2	49	76-9300	Fender L.H.	1
36	323-34	Screw - Cap Hex. Hd.	2	*	76-9340	Fender R.H.	1
37	3253-21	Washer - Lock	2	50	76-6380	Strip - Seal Access Panel	1
38	3256-24	Washer - Flat	2	51	3296-25	Nut - Lock	2
39	76-8430	Support - Hood, Front	1	52	3290-483	Washer - Belleville	2
40	3256-3	Washer - Flat	2	53	32121-11	Pin - Roll	2
41	3234-14	Screw - Hex. Washer Hd.	4	54	84-1490	Latch - Lockup	2
42	67-0870	Screw - Shoulder	2	55	325-5	Screw - Cap Hex. Hd.	2
43	76-9160	Bracket - Hood, Pivot L.H.	1	56	48-7081	Sleeve	2
*	76-9170	Bracket - Hood, Pivot R.H.	1	57	76-6361	Strip - Seal	1

*Not Illustrated

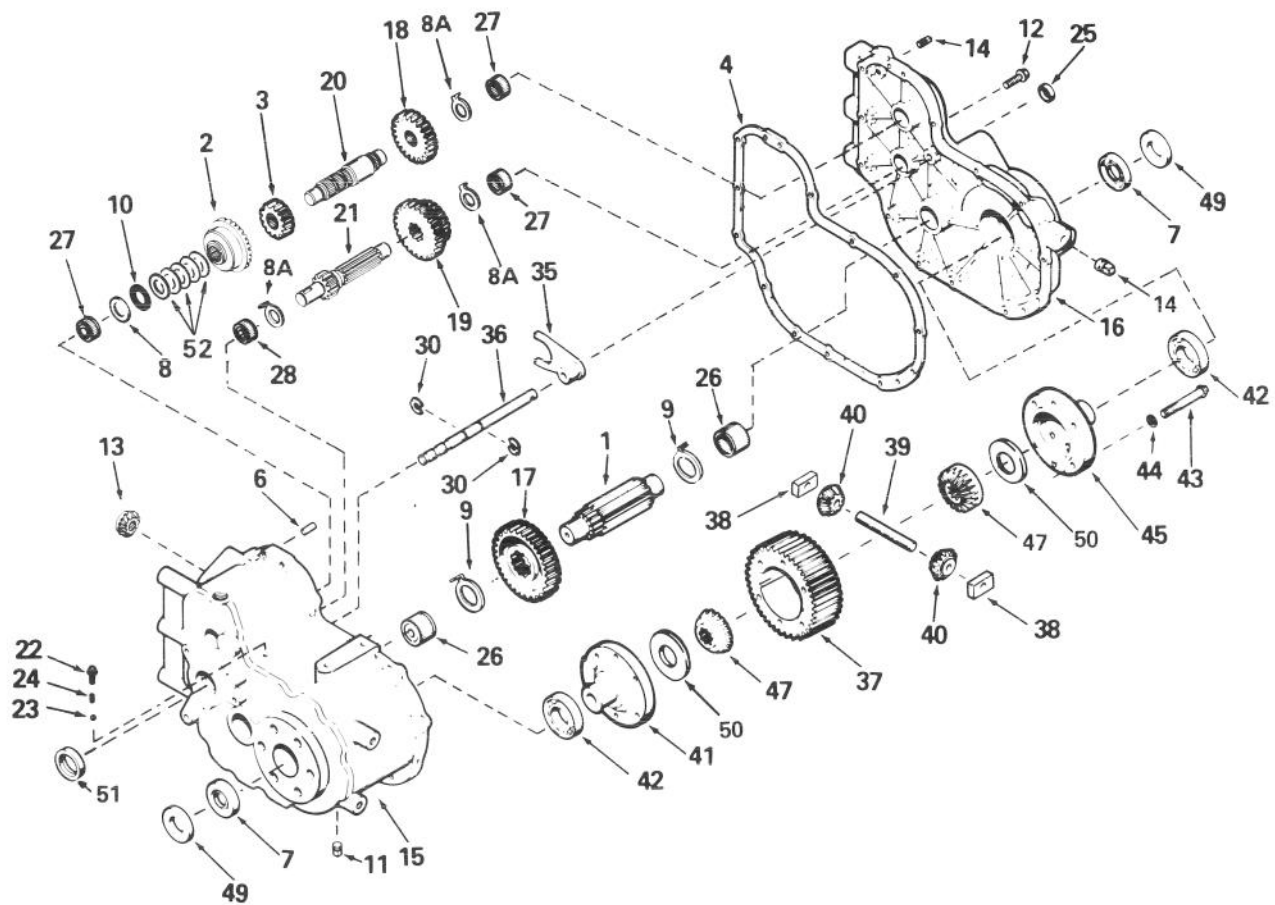


T-1506

FRONT TRANSAXLE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-9	Screw - Cap Hex. Hd.	1	28	237-79	O-Ring	3
2	76-9100	Spacer	2	29	86-2900	Assy. - Hose, Traction L.H.	1
3	2411-36	Rod - End	1	30	86-2890	Hose, Traction R.H. (2WD)	1
4	3220-3	Nut - Jam	2	*	86-2920	Hose, Traction R.H. (4WD)	1
5	84-0690	Rod - Shift	1	31		O-Ring	4
6	77-4260	Link - Shift	1	32	340-167	Fitting - Hydraulic	2
7	3296-59	Nut - Lock	1	33	237-65	O-Ring	2
8	86-5420	Spacer - Rod, Shift	1	34	340-155	Fitting - Hydraulic	2
9	3-1506	Bushing - Flange	2	35	86-5860	Nipple	2
10	84-1610	Support - Rod, Shift	1	36	353-947	Cap - Fitting	2
11	84-0700	Rod W.A. - Shift	1	37	86-5630	Motor - Fixed Displacement	1
12	3234-12	Screw - Hex. Flange Hd.	2	38	323-7	Screw - Cap Hex. Hd.	2
13	84-1600	Bracket - Support, Trans.	1	39	82-5380	Shim - Pinion .045	1
14	3290-357	Nut - Flange Head	1	*	82-5390	Shim - Pinion .038	1
15	302-14	Plug - Vent	1	*	82-5400	Shim - Pinion .052	1
16	2812-11	Bushing - Reducer	1	40	32151-62	Ring - Retaining	1
17	88-1260	Transaxle - 2 Speed (Incl. Ref. No.26 & 41)	1	41	76-6040	Plug - Pipe	1
18	289-50	Nipple - Pipe	1	42	32121-24	Pin - Roll	1
19	2813-14	Elbow - Pipe 90°	1	43	3234-4	Screw - Cap Hex. Hd.	2
20	289-44	Nipple - Pipe	1	44	325-2	Screw - Cap Hex. Hd.	1
21	27-3710	Dipstick	1	45	32121-6	Pin - Roll	1
22	72-4320	Switch - Ball	1	46	92-1364	Guide - Switch, Pin	1
23	86-5750	Assy. - Tube, Drain	1	47	92-1365	Plunger - Switch	1
24	237-40	O-Ring	1	48	237-30	O-Ring	1
25	340-101	Fitting - Hydraulic	1	49	3290-379	Tie	1
26		Pinion - Spiral	1	50	43-8610	Guide - Spring & Ball	1
27	237-167	O-Ring	1	51	92-1366	Spring - Compression	1

*Not Illustrated



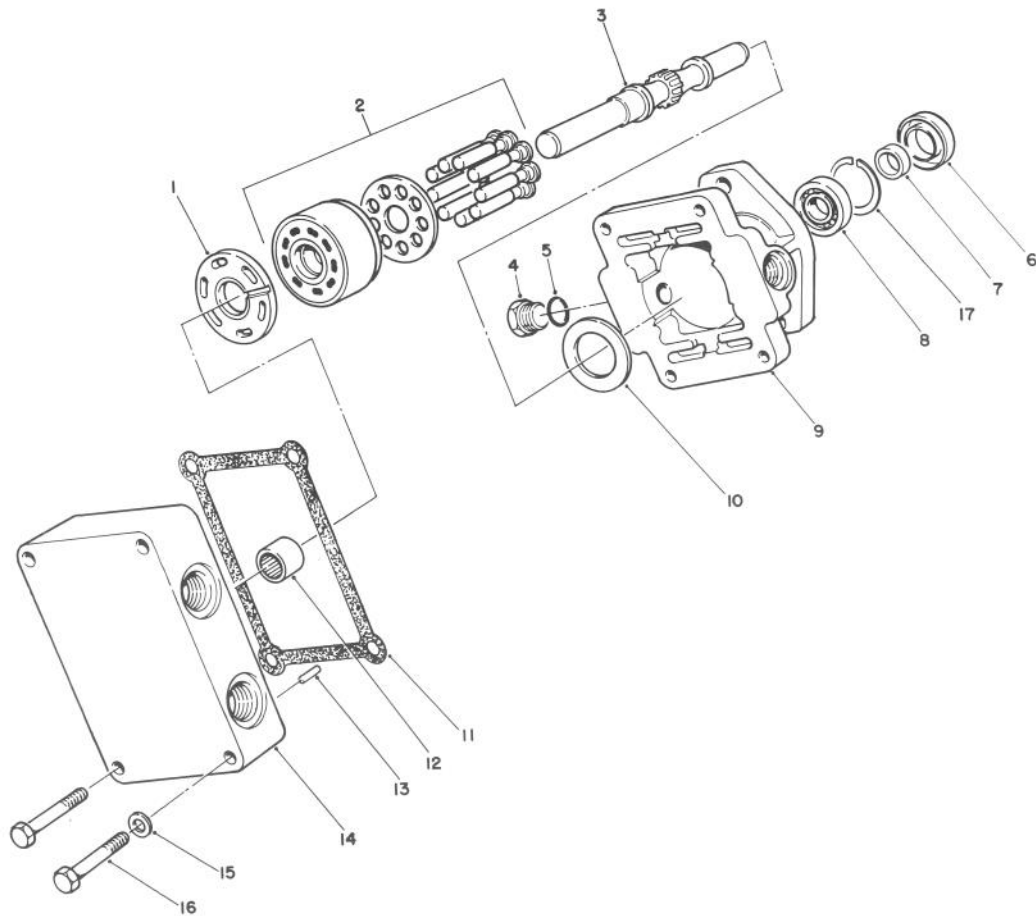
T-1008

TRANSAXLE ASSEMBLY NO. 88-1260

Ref. No.	Part No.	Description	No. Used
1	76-5610	Pinion - Output	1
2		Gear - Spiral Bevel	1
3	76-5630	Gear - Spur	1
4	76-5640	Gasket	1
6	76-5660	Pin-Dowel	2
7	76-5670	Seal-Oil	2
8	76-5680	Washer - Thrust	1
8A	76-5650	Washer - Thrust	3
9	76-5690	Washer - Thrust	2
10	76-5700	Bearing-Thrust	1
11	76-5710	Plug-Magnetic - Drain	1
12	76-5720	Screw - Hex Hd.	13
13		Pinion - Spiral Bevel	1
14	76-6040	Plug - Pipe	2
15	92-0639	Case Assembly (Incl. Ref. #26-28)	1
16	76-5760	Cover Assembly (Incl. Ref. #26-27)	1
17	92-0642	Gear - Output	1
18	76-5780	Gear - Spur	1
19	92-0644	Gear - Cluster	1
20	92-0641	Shaft - Counter	1
21	92-0645	Shaft & Gear - Shifter	1
22	76-5820	Screw - Hex Flanged Hd.	1
23	76-5830	Ball - Steel	1
24	76-5840	Spring - Shifter Fork	1
25	76-5850	Seal - Oil	1

Ref. No.	Part No.	Description	No. Used
26	76-5860	Bearing - Needle	2
27	76-5870	Bearing - Needle	3
28	92-0640	Bearing - Needle	1
30	76-5890	Ring - Retaining	2
35	76-5900	Fork - Shift	1
36	92-0647	Rod - Shift (High-Low)	1
37	92-0643	Gear - Ring	1
38	76-5930	Block - Drive	2
39	76-5940	Pin - Drive	1
40	76-5950	Pinion - Bevel	2
41	76-5960	Carrier (Incl. Ref. #50)	1
42	92-0646	Bearing - Ball	2
43	76-5980	Screw - Hex Flanged Hd.	6
44	3253-21	Washer - Lock	6
45	76-5990	Carrier - Differential	1
47	76-6000	Gear - Bevel	2
49	76-6010	Spacer	2
50	76-6020	Washer - Thrust	2
51	76-6030	Seal - Oil	1
52	76-5680	Shim - Orange .126/.123	A/R
*	76-5740	Shim - Lt. Grn. .123/.120	A/R
*	84-0090	Shim - Lt. Blue .120/.117	A/R
*	84-0130	Shim - Pink .129/.126	A/R
*	84-0140	Shim - Black .132/.129	A/R
*	84-0080	Spiral Gear Set (Matched) (Incl. Ref. #2 & 13)	1

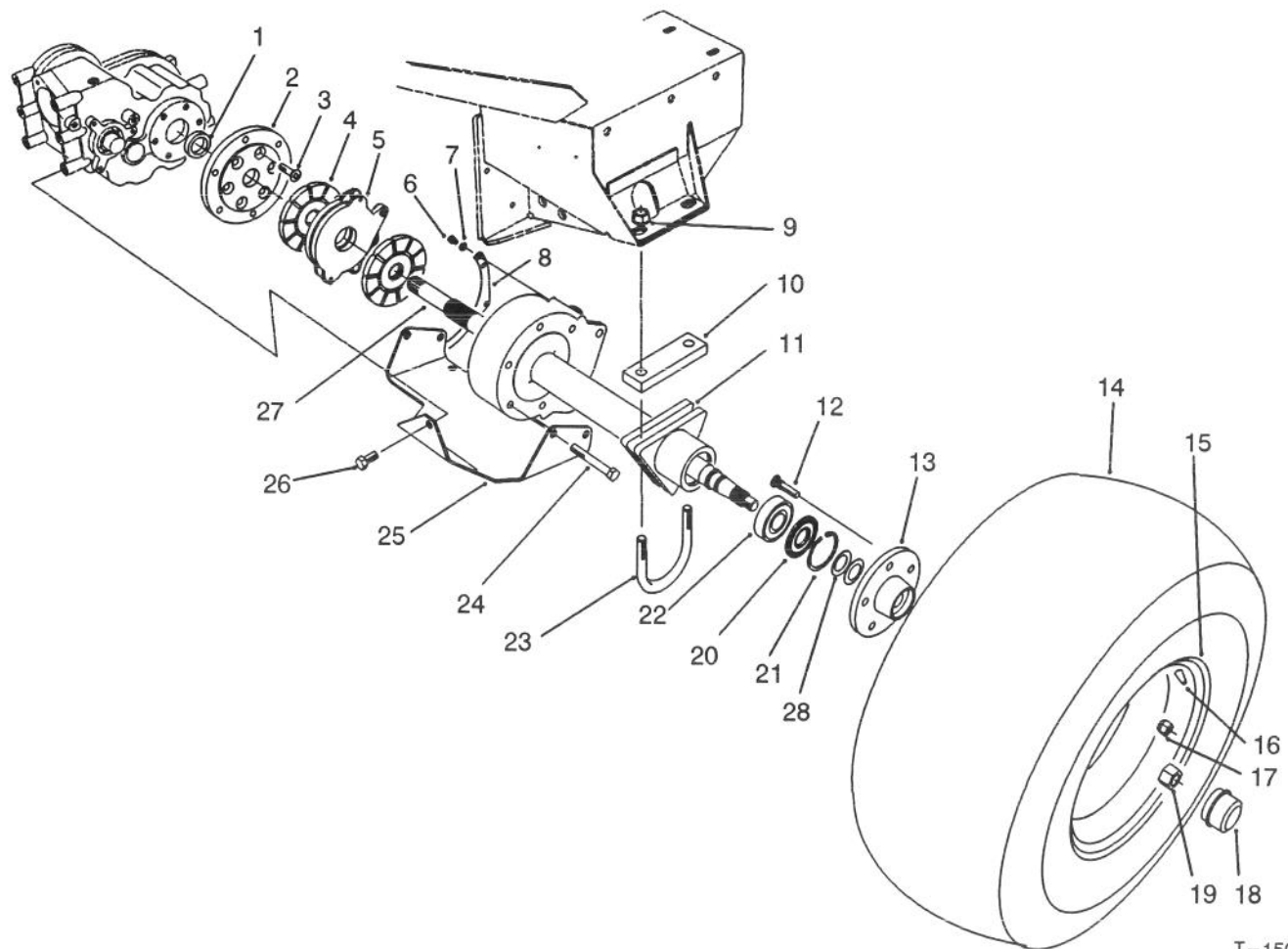
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T-1493

HYDRAULIC MOTOR NO. 86-5630

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	28-3380	Plate - Valve	1	9	82-4990	Housing - Fixed	1
2	48-1800	Cylinder Block Kit	1	10	25-2380	Plate - Thrust	1
3	92-0636	Shaft Assembly (Incl. Ref. #7 & 8)	1	11	74-9440	Gasket	1
4	74-9450	Plug	1	12	77-3640	Bearing	1
5	237-65	Seal - O-Ring	1	13	25-2430	Pin - Straight	1
6	74-9480	Seal - Lip	1	14	74-9430	Cap - End	1
7		Sleeve	1	15	74-9510	Washer - Flat	1
8		Bearing - Roller	1	16	74-9500	Screw - Cap Hex. Hd.	4
				17	82-4970	Ring - Retaining	1

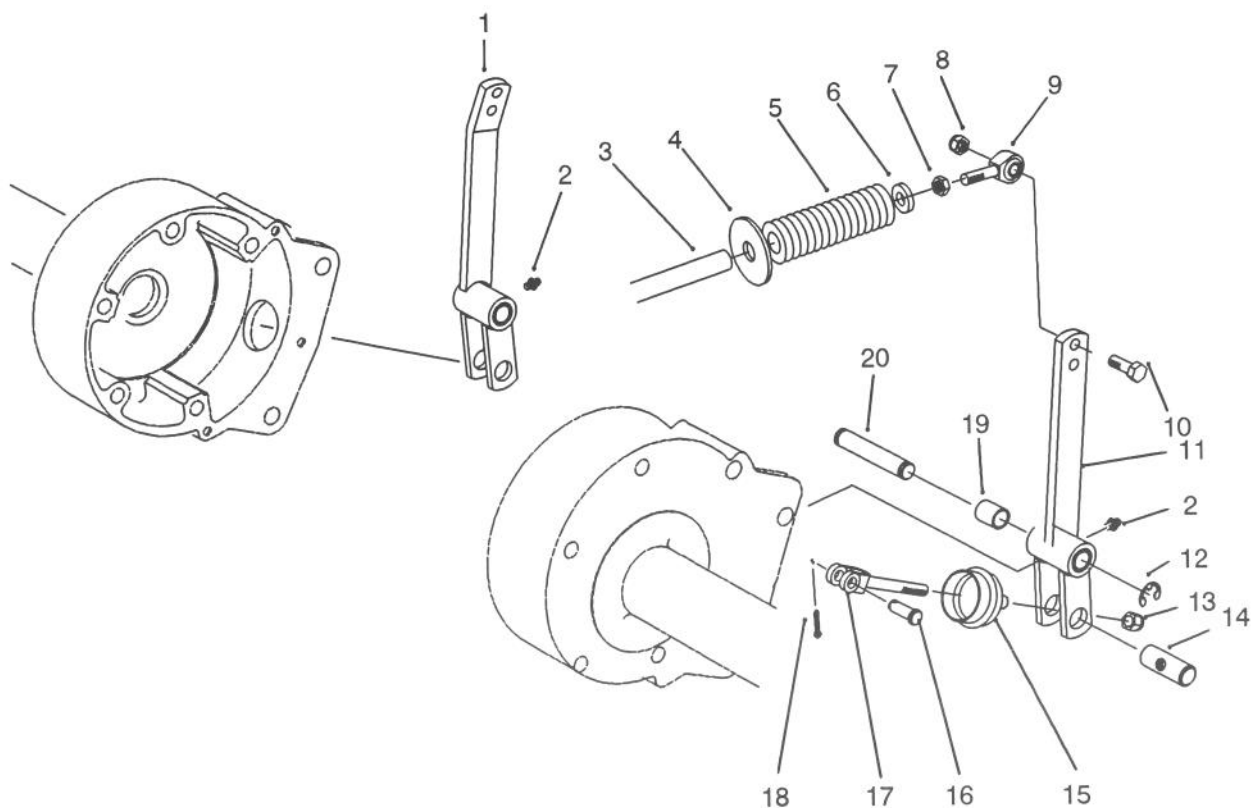


T-1507A

FRONT AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-6010	Spacer - Transaxle (Supplied with transaxle)	2
2	76-4240	Plate - Adapter	2
3	3274-87	Screw - Flat Hd. Socket	12
4	74-3640	Disc - Brake	4
5	74-3630	Actuator - Brake	2
6	322-1	Screw - Cap Hex. Hd.	6
7	3253-4	Washer - Lock	6
8	76-8300	Cover - Housing, Axle	2
9	32128-50	Nut - Lock, Flange Hd.	4
10	84-1620	Plate - Support, Axle	2
11	88-1560	Housing - Axle	2
12	242-34	Stud - Axle	10
13	74-5440	Hub - Wheel	2
14	86-5900	Tire	2

Ref. No.	Part No.	Description	No. Used
15	217-124	Rim	2
16	232-27	Stem - Valve	2
17	23-7270	Nut - Wheel	10
18	241-119	Cap - Dust	2
19	3296-67	Nut - Lock	2
20	88-1580	Seal - Ring	2
21	32151-88	Ring - Retaining	2
22	88-1590	Bearing - Ball	2
23	84-1590	U-Bolt	2
24	325-15	Screw - Cap Hex. Hd.	10
25	86-5430	Plate - Skid	1
26	325-4	Screw - Cap Hex. Hd.	1
27	88-1570	Axle - Splined	2
28	88-1600	Washer - Belleville	4

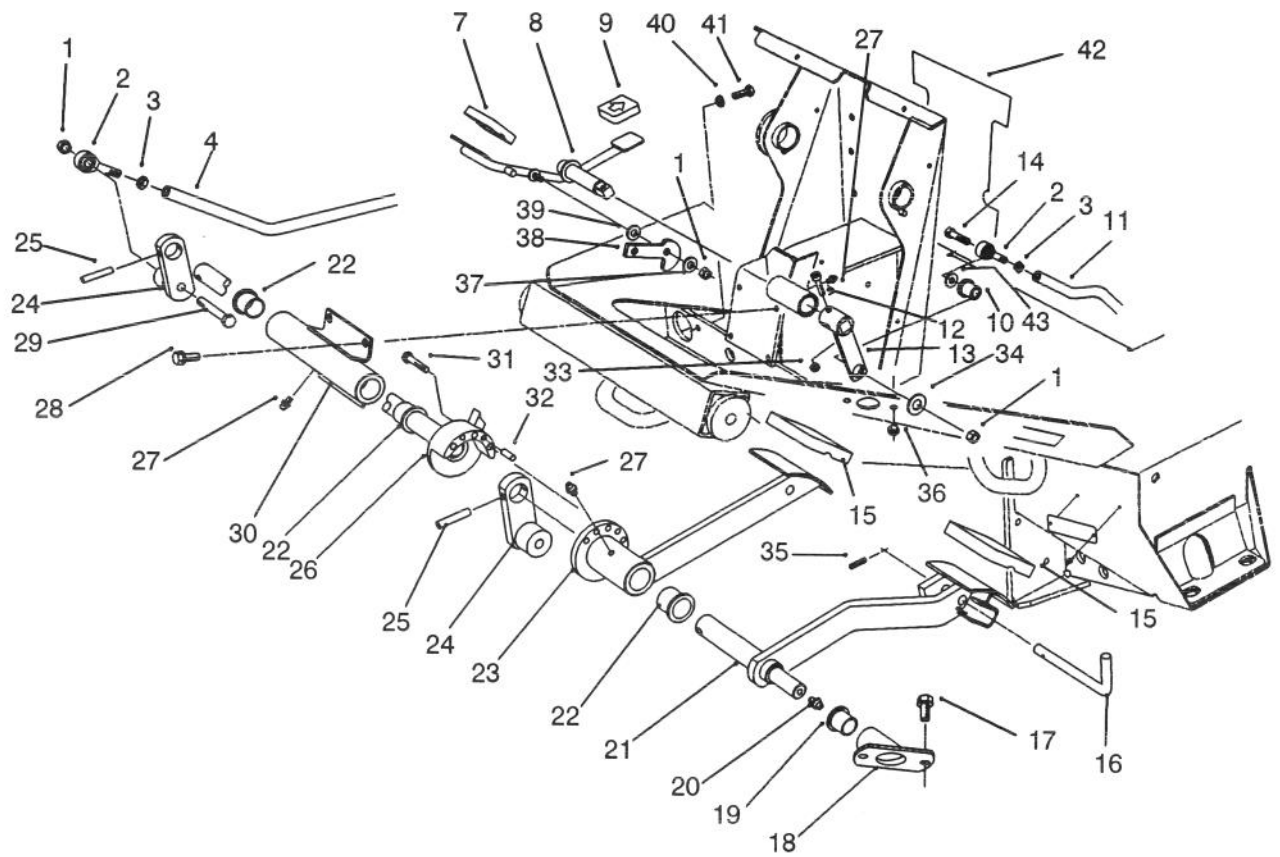


T-1491

BRAKE LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	84-0940	Assy. - Brake Linkage Arm R.H. (Incl. Ref. #2 & 19)	1
2	302-5	Fitting - Grease	2
3	76-9690	Rod - Brake	2
4	86-5840	Plate - Spring	2
5	86-5830	Spring - Compression	2
6	66-6480	Washer	2
7	3220-3	Nut - Jam	2
8	3296-59	Nut - Lock	2
9	2411-36	Rod End	2
10	323-7	Screw - Cap Hex.. Hd.	2

Ref. No.	Part No.	Description	No. Used
11	84-0970	Assy. - Brake Linkage Arm L.H. (Incl. Ref. #2 & 19)	1
12	32120-19	Ring - Retaining, Ext.	4
13	3296-39	Nut - Lock	2
14	76-8270	Pin - Brake	2
15	76-4180	Boot - Brake Rod	2
16	283-2	Pin - Clevis	2
17	76-6610	Clevis - Brake	2
18	3272-6	Pin - Cotter	2
19	5-2512	Bushing - Sleeve	2
20	84-0990	Pin - Pivot	2

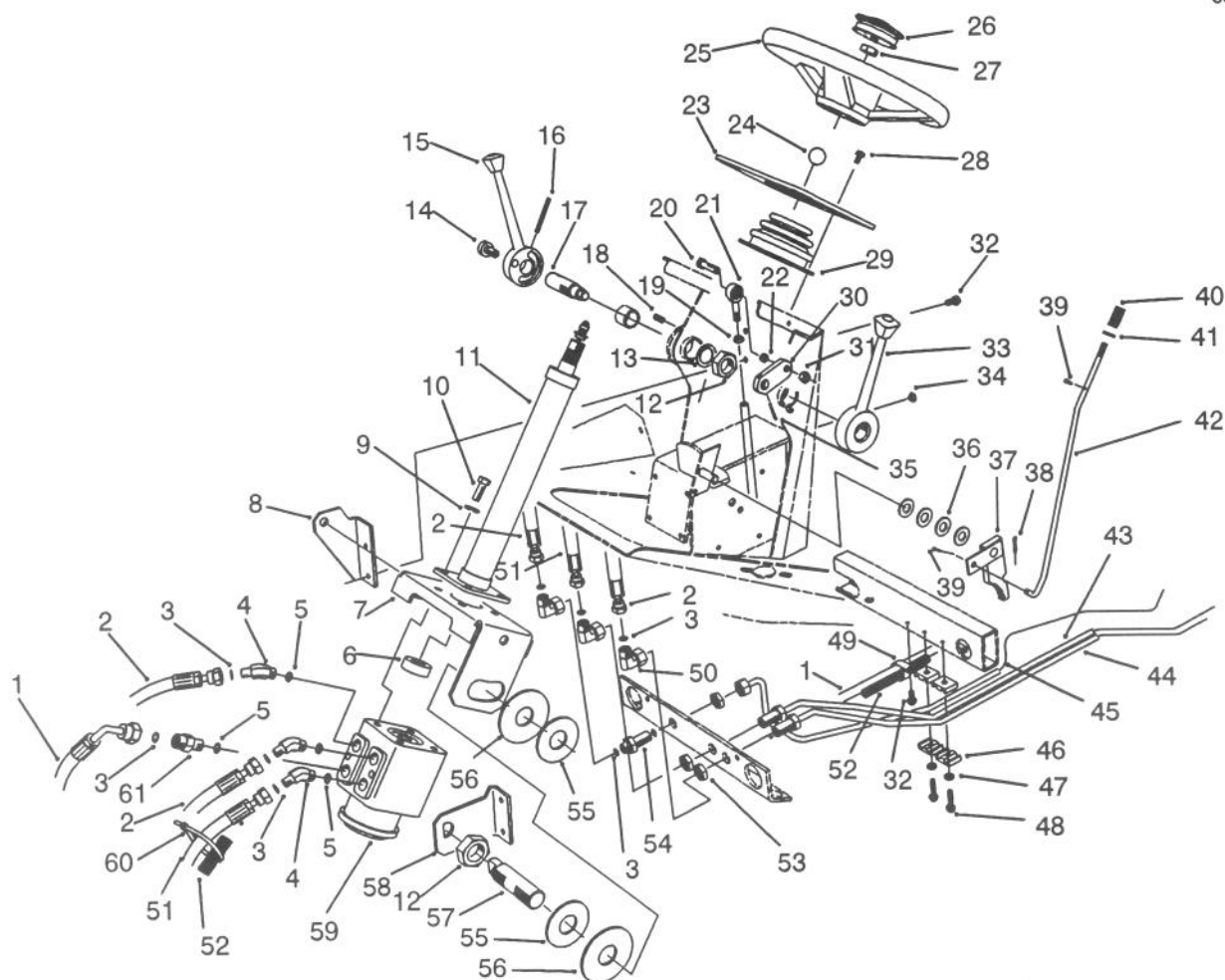


T-1508

TRACTION & BRAKE PEDALS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-59	Nut - Lock	4
2	2411-36	Eye - Rod	3
3	3220-3	Nut - Jam	3
4	76-9690	Rod - Brake Linkage	2
7	74-9100	Pad - Forward Pedal	1
8	82-5190	Shaft - Traction Pedal	1
9	74-9110	Pad - Reverse Pedal	1
10	63-9751	Mount - Linkage Rod	4
11	88-1160	Rod - Traction Linkage	1
12	3274-19	Screw - Cap Socket Hd.	1
13	82-5030	Arm - Traction Linkage	1
14	323-9	Screw - Cap Hex. Hd.	1
15	82-4960	Pad - Brake	2
16	63-7880	Latch - Brake	1
17	3234-14	Screw - Hex. Flange Hd.	2
18	76-9680	Bearing Housing Assembly (Incl. Ref. #19)	1
19	256-90	Bushing - Flange	1
20	302-2	Fitting - Grease	1
21	76-8890	Pedal - Brake L.H.	1
22	256-10	Bushing - Flange	4
23	76-8930	Brake Pedal Assembly R.H. (Incl. Ref. #22 & 27)	1

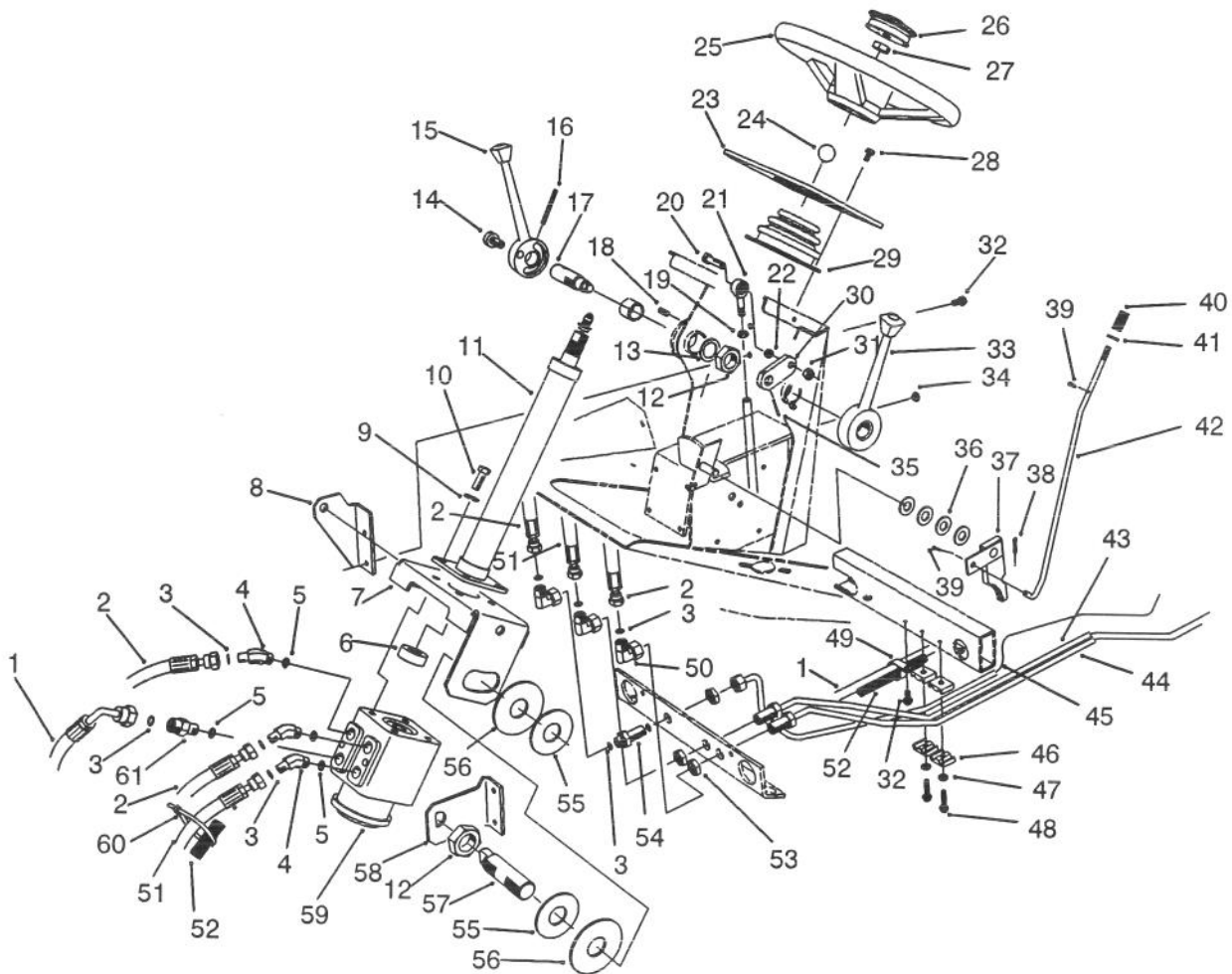
Ref. No.	Part No.	Description	No. Used
24	76-8830	Arm - Brake Linkage	2
25	32121-25	Pin - Roll	2
26	76-9720	Shaft - Brake	1
27	302-5	Fitting - Grease	3
28	32144-11	Screw - Hex. Flange Hd.	4
29	323-12	Screw - Cap Hex. Hd.	2
30	76-9030	Bearing Housing Assembly (Incl. Ref. #22 & 27)	1
31	321-9	Screw - Cap Hex. Hd.	3
32	32121-11	Pin - Roll	2
33	3296-42	Nut - Lock	1
34	63-8410	Washer	1
35	32121-50	Pin - Roll	1
36	32128-20	Nut - Lock	2
37	3256-24	Washer - Flat	1
38	74-6110	Stop - Pedal	1
39	66-2920	Washer - Nylon	1
40	3218-2	Nut - Jam	2
41	322-4	Screw - Cap Hex. Hd.	2
42	84-1470	Decal - Safety	1
43	3256-3	Washer - Flat	1



T-1516

STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	86-5570	Assembly - Hose	1	27	47-6990	Nut	1
2	86-3220	Assembly - Hose	1	28	32144-4	Screw - Hex. Washer Hd.	4
3	237-22	O-Ring	10	29	76-9450	Boot - Column, Steering	1
4	340-138	Fitting - Hydraulic	3	30	84-0680	Link - Shift	1
5	237-79	O-Ring	4	31	3296-59	Nut - Lock	1
6	21-9260	Cover - Dust	1	32	32144-11	Screw - Hex. Washer Hd.	5
7	76-8140	Bracket W.A. - Steering	1	33	69-1560	Lever - Lock	1
8	76-8160	Support - Steering	1	34	241-64	Plug - Dome	2
9	3253-21	Washer - Lock	4	35	32121-6	Pin - Roll	1
10	323-6	Screw - Cap Hex. Hd.	4	36	3256-26	Washer - Flat	4
11	74-3670	Assy. - Column, Steering	1	37	63-7900	Rack - Brake	1
12	3296-49	Nut - Lock	2	38	3272-10	Pin - Cotter	1
13	10-8110	Washer - Thrust	1	39	3272-5	Pin - cotter	2
14	82-4950	Plunger - Spring	1	40	3-3251	Spring	1
15	74-5770	Lever - Shift	1	41	3256-22	Washer - Flat	1
16	32121-10	Pin - Roll	1	42	76-9050	Rod - Brake, Parking	1
17	74-5790	Shaft - Pivot	1	43	86-5730	Assy. - Tube, R.H. Front	1
18	32121-123	Pin - Roll	2	44	86-5740	Assy. - Tube, L.H. Front	1
19	3220-3	Nut - Jam	1	45	86-5720	Assy. - Tube, Steering	1
20	323-8	Screw - Cap Hex. Hd.	1	46	56-7973	Clamp - Tube	4
21	2411-36	Rod End	1	47	3256-23	Washer - Flat	2
22	76-9100	Spacer	1	48	32144-57	Screw - Hex. Washer Hd.	2
23	76-8720	Panel - Tower	1	49	2412-74	Clamp - R	1
24	233-17	Knob	1	50	340-159	Fitting - Hydraulic	3
25	68-8080	Wheel - Steering	1	51	86-3210	Assembly - Hose	1
26	72-0130	Kit - Horn	1	52	86-5470	Harness - Wire	1

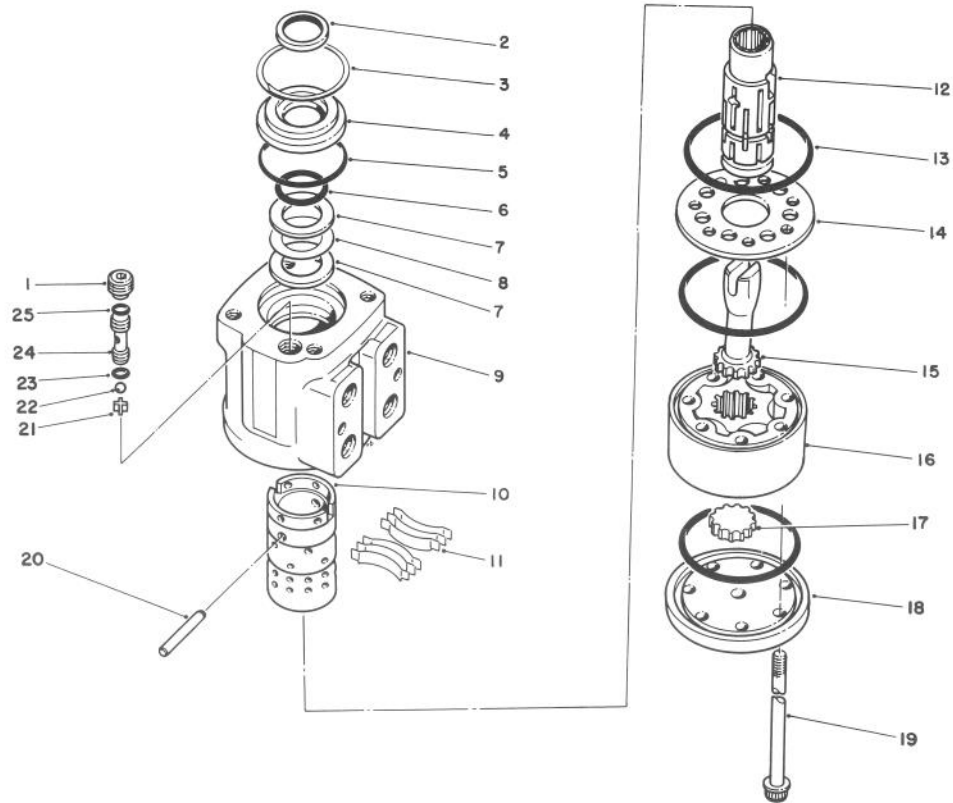


T-1516

STEERING TOWER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
53	340-70	Nut - Bulkhead	3
54	340-71	Union - Bulkhead	1
55	20-9500	Washer	2
56	31-0390	Washer - Friction	2
57	76-8340	Shaft - Pivot, Steering	1

Ref. No.	Part No.	Description	No. Used
58	76-8150	Support - Shaft, Steering	1
59	74-3660	Valve - Control, Steering	1
60	3290-378	Tie - Cable	1
61	59-6430	Valve - Check	1



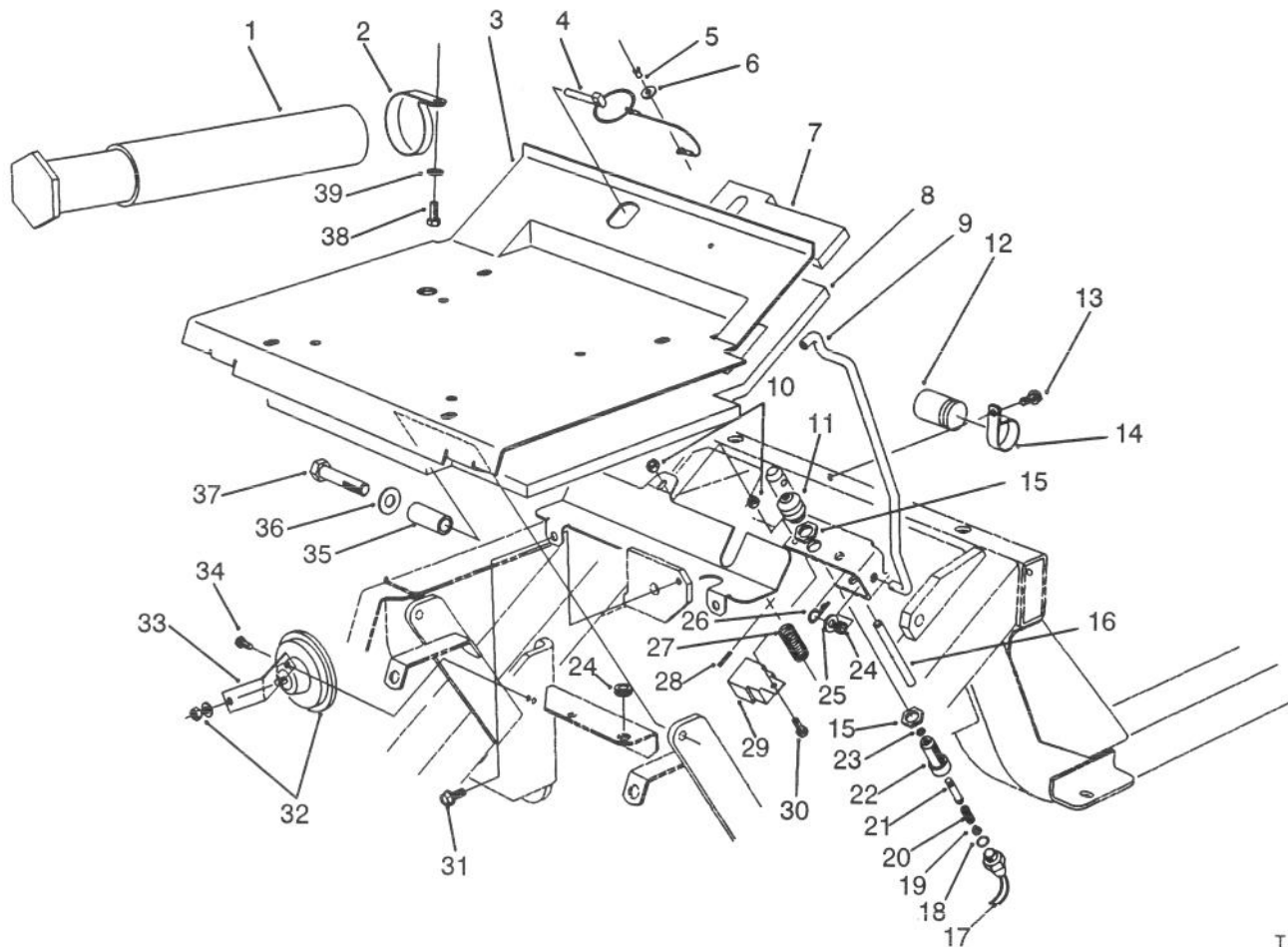
T-1007

POWER STEERING VALVE No. 74-3660

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	52-9260	Screw-Set	1	17	76-6320	Spacer	1
†2		Seal-Dust	1	18	59-6890	Cap-End	1
3	52-9230	Ring-Retaining	1	19	76-6310	Screw-Cap	7
4	52-9240	Bushing-Seal, Gland	1	20	59-6830	Kit-Centering Pin	1
†5		Seal	1	21	52-9290	Retainer-Check Ball	1
†6		Seal-Ring, Quad	1	22	52-9280	Ball-Check	1
7	59-6730	Race-Bearing	2	†23		Seal	1
8	59-6740	Bearing-Needle, Thrust	1	24	52-9270	Seat-Ball, Check	1
†9		Housing	1	†25		Seal	1
†10		Sleeve-Control	1	*	52-9250	Needle Bearing Kit (Incl. Ref. #7-8)	1
11	59-6820	Centering Spring Kit	1	*	76-6330	Control Parts Assembly (Incl. Ref. #9-12 & 20)	1
†12		Spool-Control	1	*	49-0170	Seal Kit (Incl. Ref. #2, 5-6, 13, 23 & 25)	1
†13		Seal	3				
14	59-6850	Plate-Spacer	1				
15	59-6860	Drive	1				
16	76-6300	Gerotor	1				

*Not Illustrated

†Not Serviceable Separately

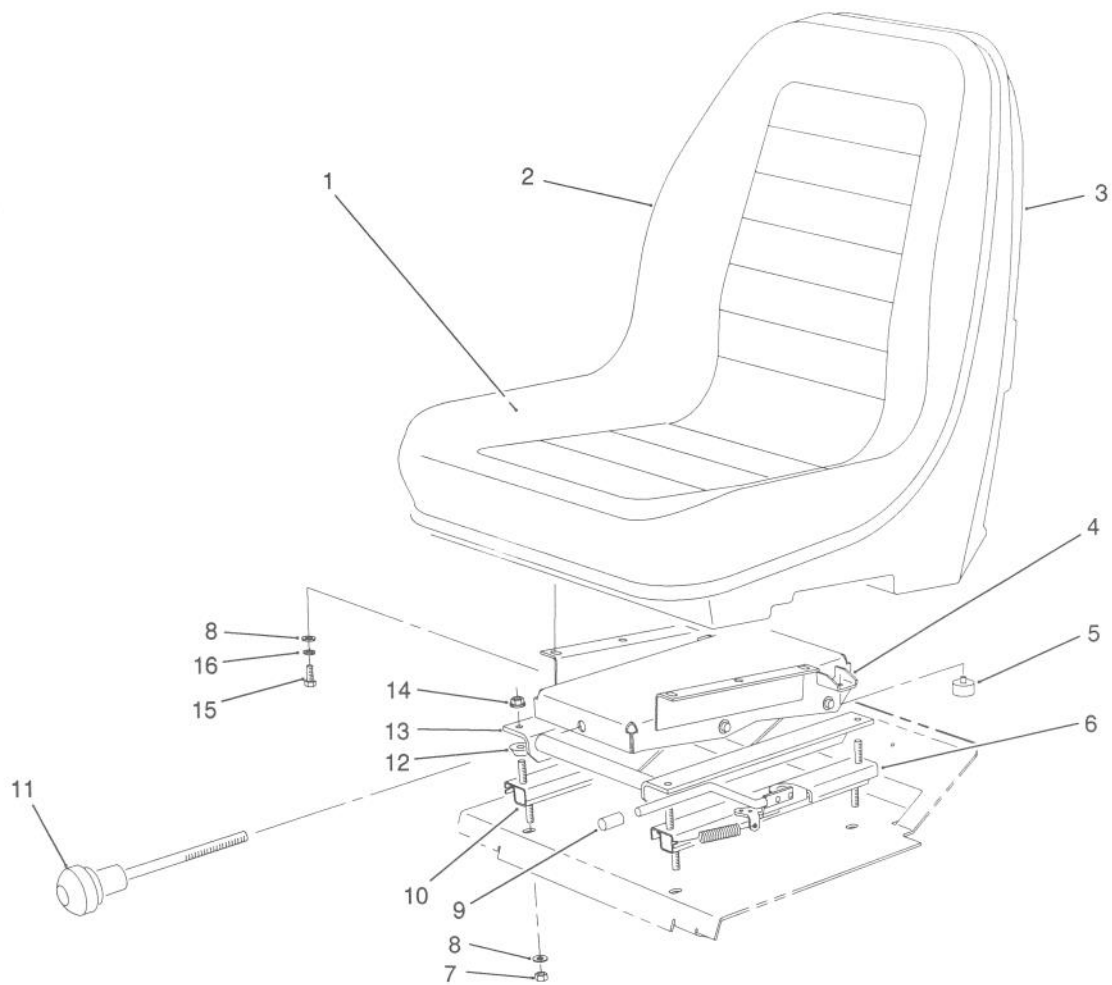


T-1510

SEAT PLATE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	74-0720	Tube - Manual	1	22	43-8620	Guide - Pin, Switch	1
2	2412-133	Clamp - R	2	23	237-7	O-Ring	1
3	76-9460	Plate W. A. - Seat	1	24	237-136	Grommet	2
4	77-3780	Pin - Lynch	1	25	3256-3	Washer - Flat	1
5	3290-282	Rivet - Pop	1	26	3290-307	Pin - Cotter, Hair	1
6	3256-49	Washer - Flat	1	27	88-1420	Spring - Compression	1
7	76-9930	Foam - Seat Plate Rear	1	28	3284-3	Pin - Groove	1
8	82-4900	Foam - Seat Front	1	29	6307590	Relay - SPDT	1
9	76-9440	Rod - Seat Prop	1	30	321-4	Screw - Cap Hex. Hd.	1
10	32128-33	Nut - Lock	1	31	32144-11	Screw - Hex. Washer Hd.	2
11	43-8870	Boot - Switch	1	32	48-4590	Horn	1
12	37-2690	Capacitor	1	33	74-8910	Bracket - Horn	1
13	32104-82	Screw - Hex. Washer Hd.	1	34	32144-4	Screw - Hex. Hd.	1
14	2412-74	Clamp	1	35	76-9480	Sleeve - Pivot, Seal	2
15	218-461	Nut - Hex	2	36	3256-26	Washer - Flat	2
16	76-9190	Rod - Seat Spring	1	37	325-9	Screw - Cap Hex. Hd.	2
17	72-4320	Switch - Ball	1	38	322-2	Screw - Cap Hex. Hd.	2
18	237-30	O-Ring	1	39	3256-23	Washer - Flat	2
19	43-8610	Guide	1	*	43-9071	Assy. - Switch, Seat (Incl. Ref. #11, 15, & 17-23)	1
20	43-8600	Spring - Switch	1				
21	43-8860	Plunger - Switch	1				

*Not Illustrated

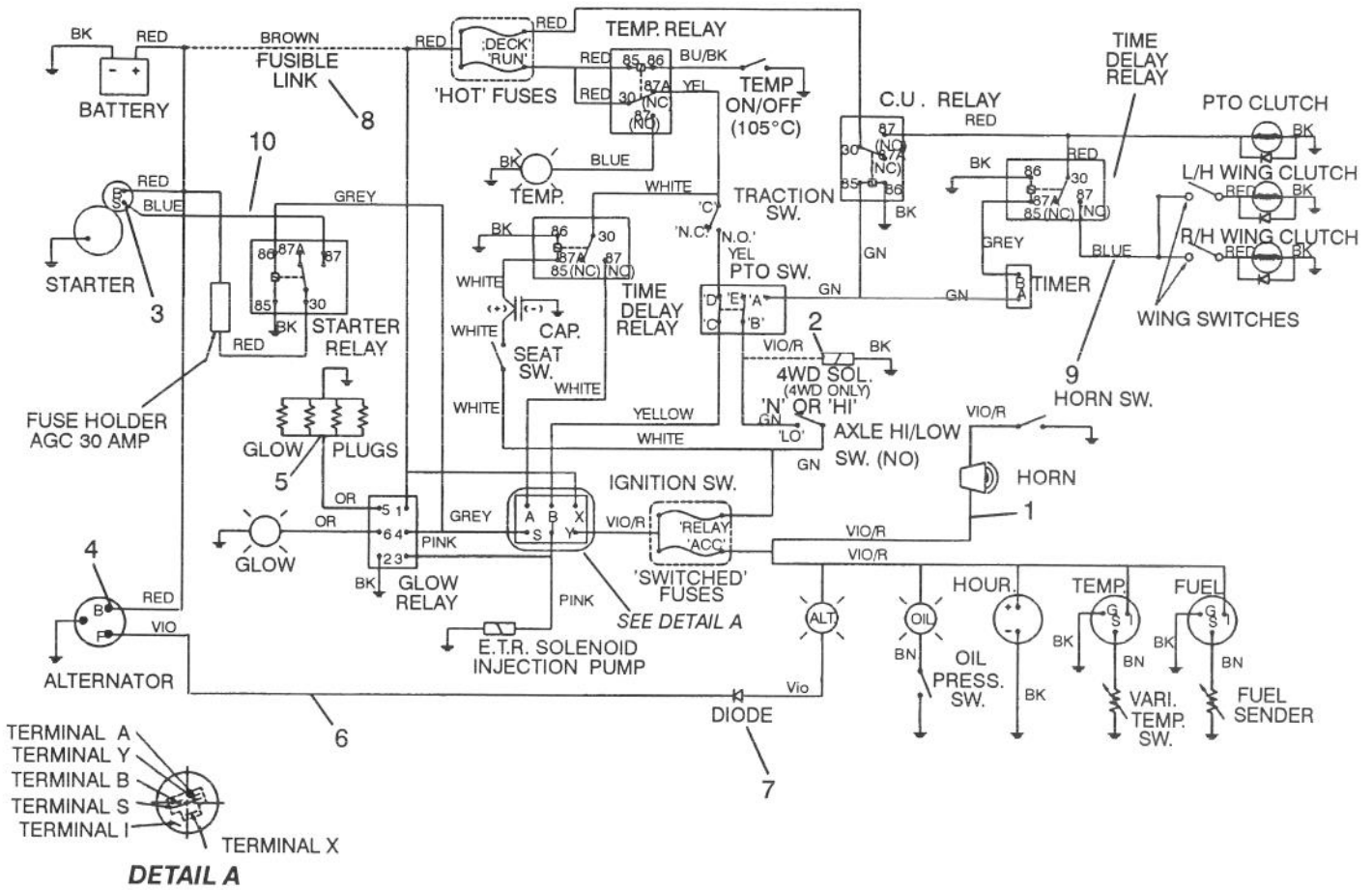


T-1131

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-9550	Cushion - Seat	1	12	66-9290	Spacer - Suspension	4
2	66-5400	Seat Assembly (incl. Ref. #1 & 3)	1	13	66-8610	Suspension - Seat	1
3	67-9560	Bucket - Seat	1	*	66-8580	Bushing - Suspension	4
4	66-8600	Plate - Seat Base	1	*	66-8550	Rod - Pivot	2
5	66-8520	Bumper - Seat	2	*	66-8560	Nut - Push	4
6	66-8510	Adjuster & Handle Assembly	1	*	76-1940	Spring - Suspension	2
7	3296-29	Nut - Lock	4	*	66-8540	Hanger - Spring	1
8	3256-2	Washer - Flat	8	14	32128-25	Nut - Flange Lock	4
9	75-3570	Tip - Handle	1	15	322-3	Screw - Cap Hex. Hd.	4
10	66-8530	Adjuster Assembly	1	16	3253-4	Washer - Lock	4
11	76-1960	Knob - Seat Adjustment	1	*	76-1970	Suspension	1

*Not Illustrated

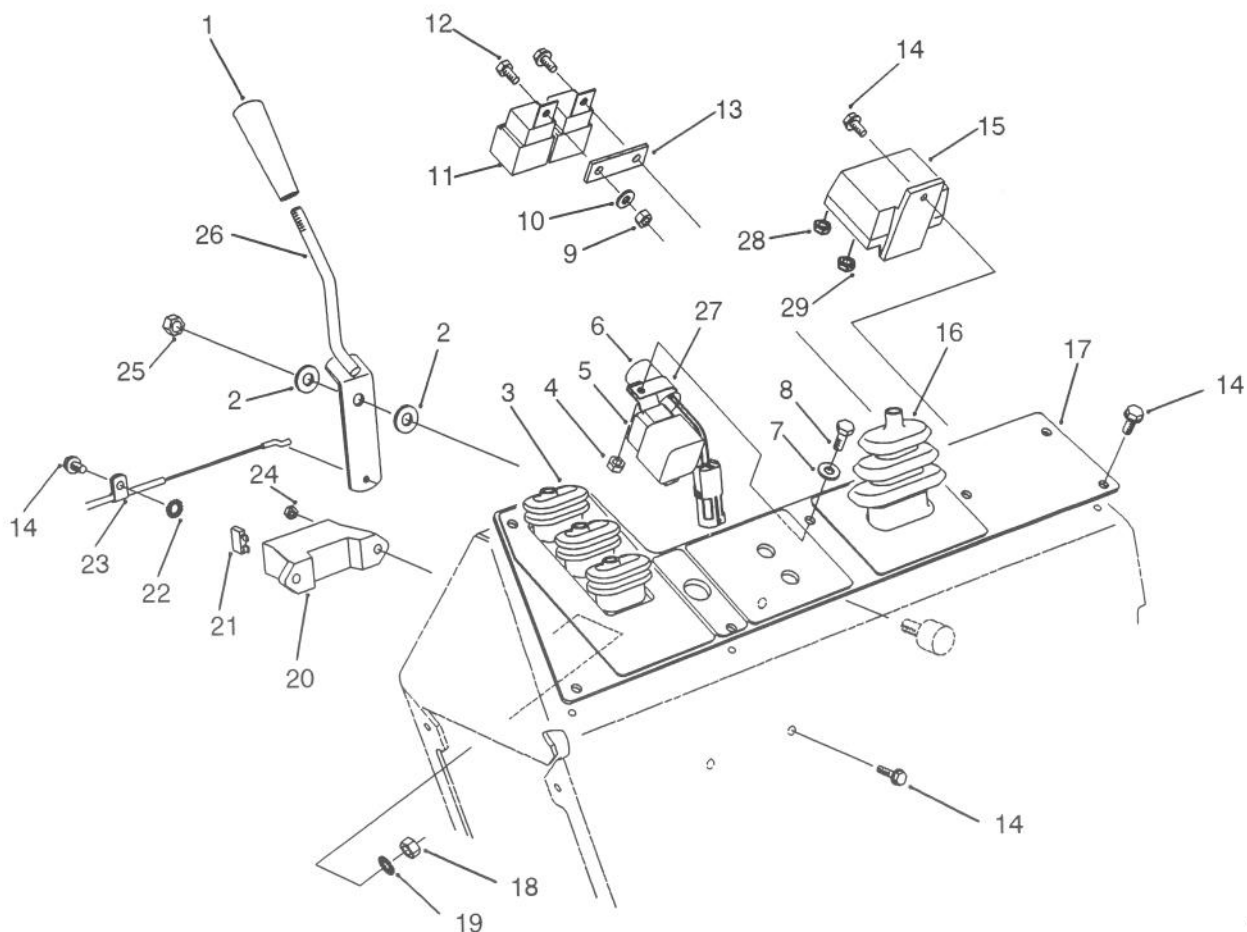


T-1494

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	86-5470	Harness - Front	1
2	76-4880	Plug - Electrical (Model No. 30450 Only)	1
3	48-7930	Nut - Hex	1
4	48-7890	Nut - Hex.	1
5	48-7880	Nut - Hex.	2
6	86-5820	Harness - Wire, Main (Incl. Ref. #7)	1

Ref. No.	Part No.	Description	No. Used
7	86-7470	Diode	4
8	67-7180	Link - Fusible	1
9	86-1910	Harness - Wire, Deck	1
10	77-4200	Harness - Wire, Relay Starter	1

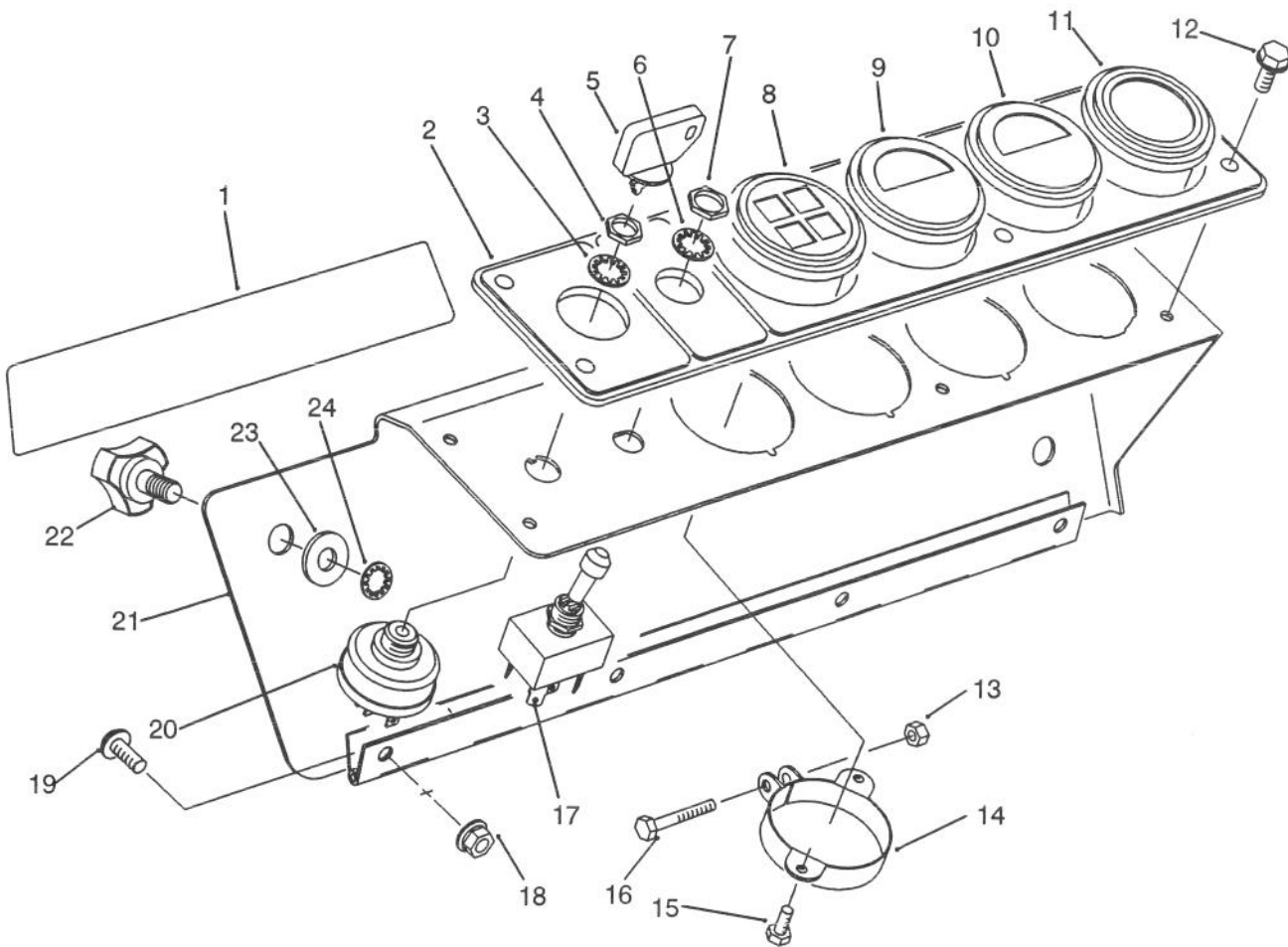


T-1492

CONTROL CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	233-39	Knob - Throttle	1	17	86-5410	Panel - Console	1
2	66-2920	Washer - Friction	3	18	3296-47	Nut - Lock	1
3	76-8450	Boot - Lift Lever	1	19	3255-8	Washer - Lock Ext. Tooth	1
4	3290-148	Nut - Lock	1	20	67-7160	Holder - Fuse	1
5	70-1480	Relay - Sealed	1	21	218-573	Fuse - 5A	2
6	83-2280	Timer - Delay	1	*	218-581	Fuse - 15A	1
7	3256-77	Washer - Flat	1	*	218-593	Fuse - 30A	1
8	3290-126	Screw - Hex. Washer Hd.	3	22	3255-7	Washer - Lock Ext. Tooth	1
9	3296-42	Nut - Lock	2	23	2412-32	Clip - Conduit	1
10	3256-1	Washer - Flat	1	24	3296-12	Nut - Lock	1
11	63-7590	Relay - SPDT	2	25	3296-44	Nut - Lock	1
12	321-2	Screw - Cap Hex. Hd.	2	26	76-4300	Lever W.A. - Throttle	
13	77-3970	Spacer - Relay	1	27	2412-39	R-Clamp	1
14	32144-4	Screw - Hex. Washer Hd.	10	28	48-7880	Nut - Hex.	1
15	76-5260	Relay - Glow Plug	1	29	48-7890	Nut	1
16	76-8440	Boot - Throttle	1				

*Not Illustrated



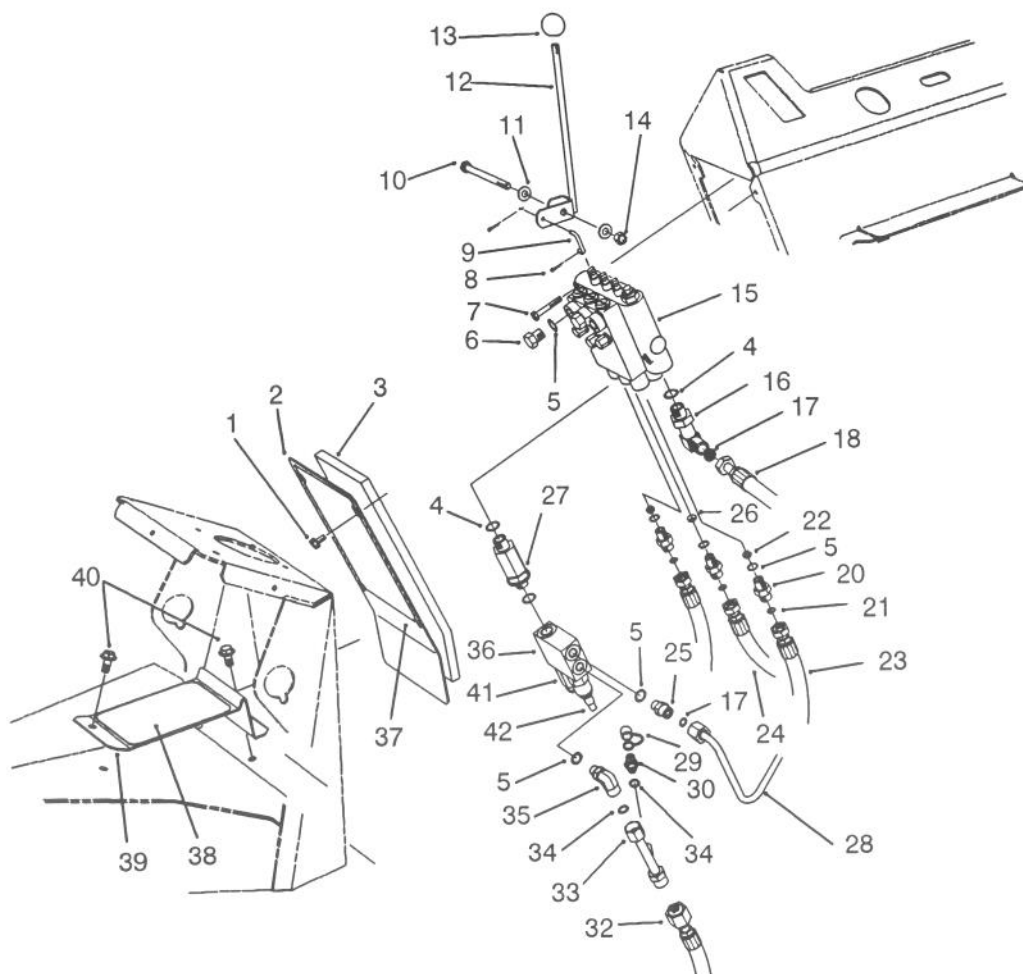
T-1517

GAGE PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-9780	Decal - 4 Matic (Model 30455 Only)	1
2	84-1450	Panel - Gauge	1
3	218-446	Washer - Lock	1
4	218-447	Nut - Hex.	1
5	63-8360	Key - Ignition	1
6	3254-20	Washer - Lock, Int. Tooth	1
7	3218-19	Nut - Hex.	2
8	66-2960	Cluster - Warning Light	1
*	76-8950	Harness - Wire (Lamp)	1
*	219-17	Bulb - Warning Light	4
9	76-9060	Gauge - Temperature	1
10	66-2940	Gauge - Fuel	1
11	66-2950	Meter - Hour	1

Ref. No.	Part No.	Description	No. Used
12	32144-4	Screw - Hex. Washer Hd.	6
13	3296-2	Nut Lock	1
14	69-4780	Clamp - Gauge	1
15	32144-19	Screw - Hex. Hd.	2
16	32105-12	Screw - Hex. Hd.	1
17	85-4980	Switch - Toggle	1
18	32128-33	Nut - Flange Lock	4
19	3274-68	Screw - Socket Button Hd.	4
20	27-2360	Switch - Ignition	1
21	82-3750	Cover - Console	1
22	77-3620	Retainer - Cover	2
23	3256-3	Washer	2
24	32151-72	Retainer - Push-On	2

*Not Illustrated

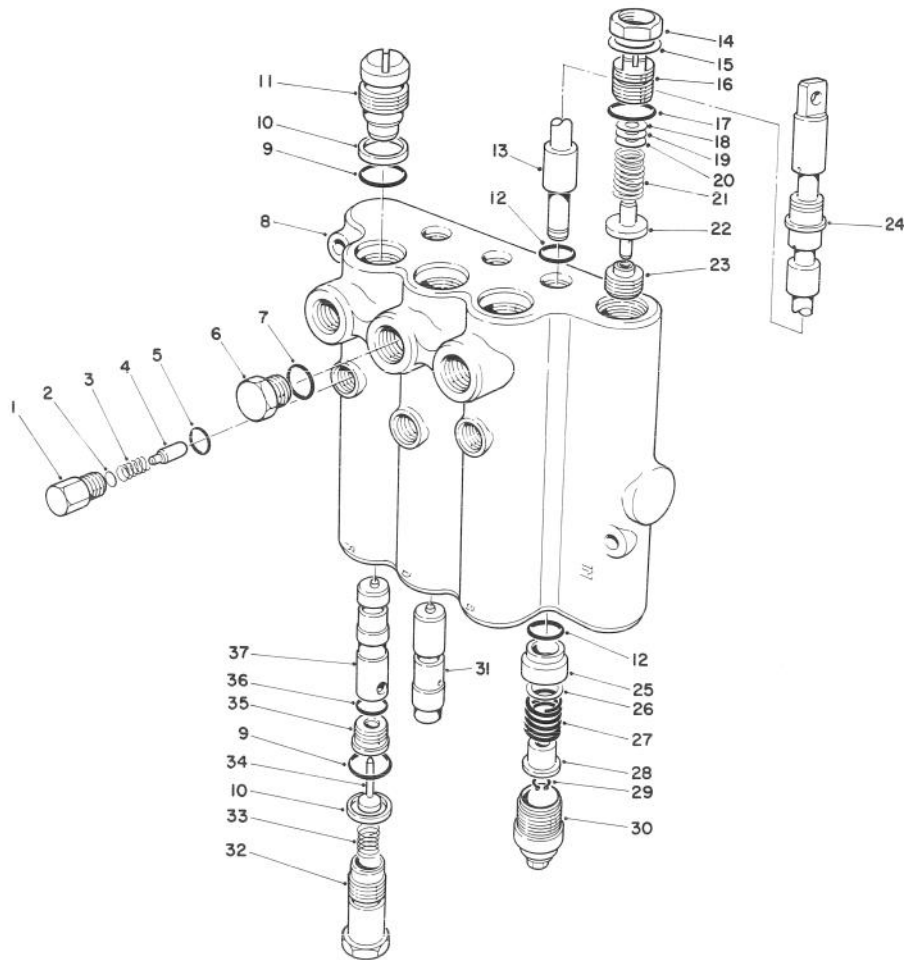


T-1504

LIFT VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	46-6810	Assy. - Screw & Washer	4	22	86-2501	Orifice	2
2	76-7090	Cover - Front, Control	1	23	86-3190	Assembly - Hose	2
3	76-6270	Foam - Panel	1	24	86-3180	Assembly - Hose	1
4	237-79	O-Ring	4	25	340-2	Fitting - Adapter	1
5	237-42	O-Ring	7	26	84-6402	Orifice	1
6	353-508	Assembly - Plug	2	27	74-5910	Fitting - Bulkhead, Special	1
7	321-10	Screw - Cap Hex. Hd.	2	28	86-5770	Assy. Tube, Relief Valve	1
8	3272-1	Pin - Cotter	6	29	354-79	Cap - Fitting	1
9	69-9140	Link - Lever, Valve	3	30	354-77	Fitting - Test Port	1
10	323-17	Screw - Cap Hex. Hd.	1	32	86-3230	Assembly - Hose	1
11	3256-24	Washer - Flat	2	33	86-5760	Assy. - Tube, Deck Return	1
12	74-6060	Lever W.A. - Valve, R.H.	1	34	237-30	O-Ring	3
*	74-6050	Lever W.A. - Valve, Center	1	35	340-99	Fitting - Hydraulic 90°	1
*	69-7010	Lever W.A. - Valve, L.H.	1	36	86-5440	Valve - Relief, Dual (Incl. Ref. #41 & 42)	1
13	233-42	Knob	3	37	86-5930	Decal - Service, 2WD	1
14	3296-39	Nut - Lock	1	*	86-5920	Decal - Service, 4WD	1
15	69-1780	Assembly - Valve, Lift	1	38	76-7040	Pad - Foot	1
16	63-4090	Fitting - Adapter 90°	1	39	82-5300	Support - Heel	1
17	237-22	O-Ring	2	40	32144-11	Screw - Hex. Washer Hd.	2
18	86-3240	Assembly - Hose	1	41	88-1520	Cartridge - Relief	1
20	88-1380	Fitting - Adapter	3	42	88-1530	Cartridge - Relief	1
21	237-21	O-Ring	3				

*Not Illustrated



T-0379

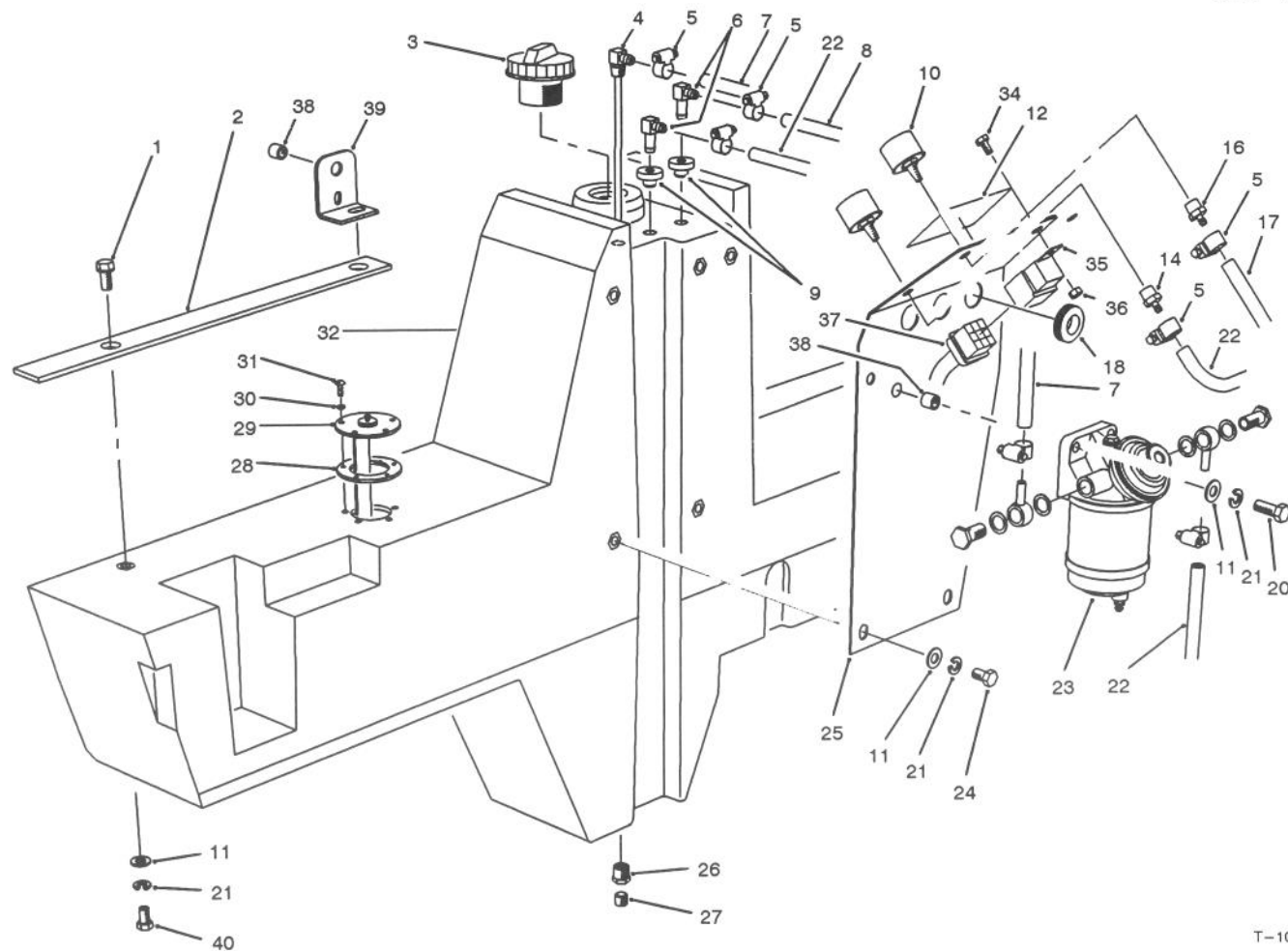
LIFT VALVE NO. 69-1780

Ref. No.	Part No.	Description	No. Used
1	58-6780	Plug Assy. (Incl. Ref. #5)	3
2	60-6450	Disc	A/R
3	58-6760	Spring	3
4	58-6770	Plunger - Detent	3
5	58-6790	Seal - O-Ring	3
6	353-508	Plug Assy. (Incl. Ref. #7)	1
7	58-6720	Seal - O-Ring	1
†8		Body	1
9	60-5720	Seal - O-Ring	6
10	58-6370	Washer - Back-Up	6
11	58-6350	Plug Assembly (Incl. Ref. #9-10)	3
12	58-6450	Seal - O-Ring	6
†13		Spool	3
†14		Nut - Lock	1
†15		Washer	1
16	69-1830	Plug Assembly (Incl. Ref. #14, 15 & 17)	1
17	58-6750	Seal - O-Ring	1
18	58-6470	Washer	A/R
19	58-6480	Washer	A/R

Ref. No.	Part No.	Description	No. Used
20	58-6490	Washer	A/R
21	69-1820	Spring - Black	1
22	58-6440	Poppet	1
†23		Seat	1
24	58-6320	Wiper - Seal	3
25	58-6400	Bushing	3
26	58-6700	Washer	3
27	58-6730	Spring	3
28	58-6310	Spacer	3
29	58-6460	Ring - Retaining	3
30	58-6420	Cap Assembly	3
31	69-1840	Plunger	1
32	69-1800	Plug Assembly (Incl. Ref. #9-10)	3
33	69-1810	Spring	3
34	58-6290	Poppet Assembly	3
35	58-6330	Seat Assy. (Incl. Ref. #36)	3
36	58-6340	Seal - O-Ring	3
37	69-1790	Plunger	2
*	60-3780	Seal Kit (Incl. Ref. #5, 7, 9, 10, 12, 12, 17, 24, 29, 34, & 36)	1

*Not Illustrated

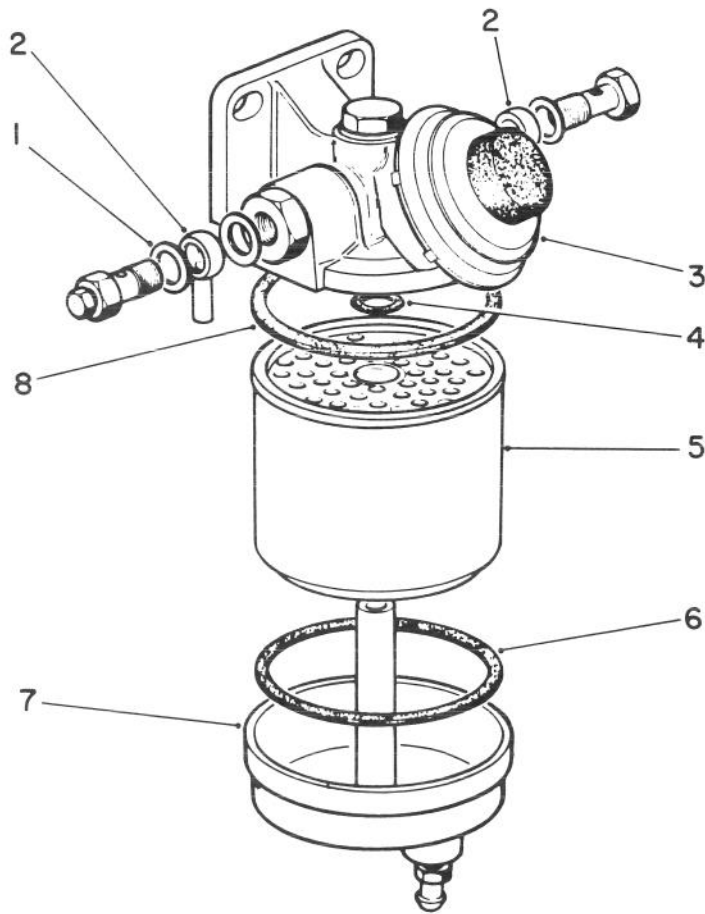
†Not Serviceable Separately



T-1088

FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-12	Screw - Hex. Washer Hd.	2	23	76-5200	Fuel Filter Assembly	1
2	76-9790	Foam - Fuel Tank	1	24	323-34	Screw - Cap Hex. Hd.	5
3	70-8621	Cap - Fuel	1	25	14-0859	Fuel Tank Plate Assembly (Incl. Ref. #38)	1
4	76-6600	Pipe - Stand	1	26	2812-1	Fitting - Reducing Bushing	1
5	2412-108	Clamp - Hose	7	27	285-22	Plug - Pipe	1
6	46-6550	Fitting - Fuel 90°	2	28	62-7650	Gasket - Sending Unit	1
7	63-7626	Hose - Fuel	1	29	74-5860	Sending Unit - Fuel	1
8	63-7627	Hose - Fuel	1	30	3253-15	Washer - Lock	5
9	46-6560	Bushing - Rubber	2	31	32122-24	Screw - Round Hd.	5
10	68-6150	Breather	2	32	74-5580	Tank - Fuel	1
11	3256-24	Washer - Flat	9	34	321-2	Screw - Cap Hex. Hd.	1
12	76-8780	Decal - Fuel	1	35	70-1480	Relay - Starter	1
14	354-95	Fitting - Barb	1	36	3296-42	Nut - Lock	1
16	354-94	Fitting - Barb	1	37	77-4200	Harness - Wire Relay	1
17	74-9122	Hose - Vent	1	38	32148-10	Insert - Threaded	3
18	240-6	Grommet	3	39	82-3660	Bracket - Cover	1
20	323-7	Screw - Cap Hex. Hd.	2	40	323-4	Screw - Cap Hex. Hd.	2
21	3253-21	Washer - Lock	9				
22	63-7622	Hose - Fuel	2				



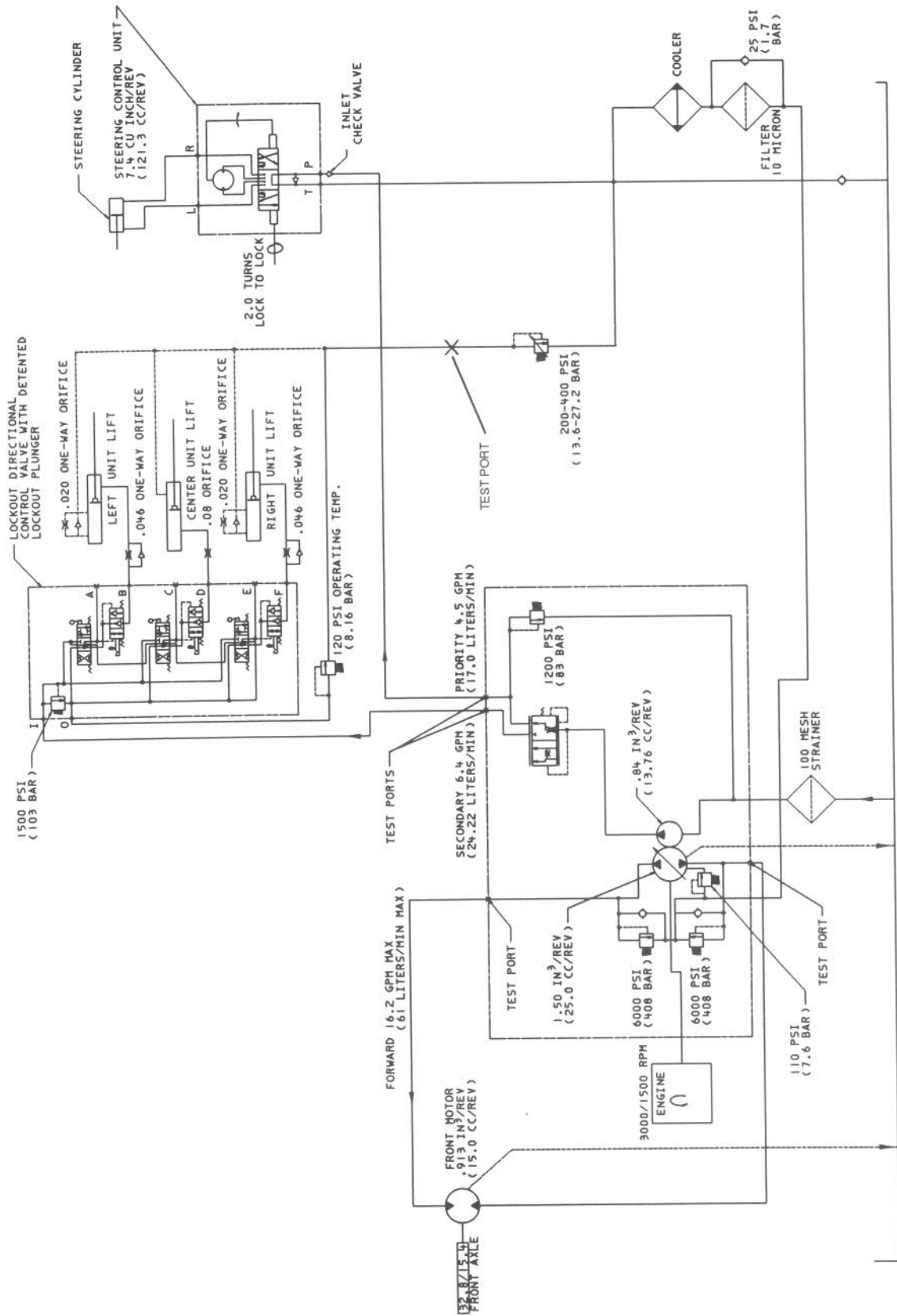
T-0966

FUEL FILTER ASSEMBLY

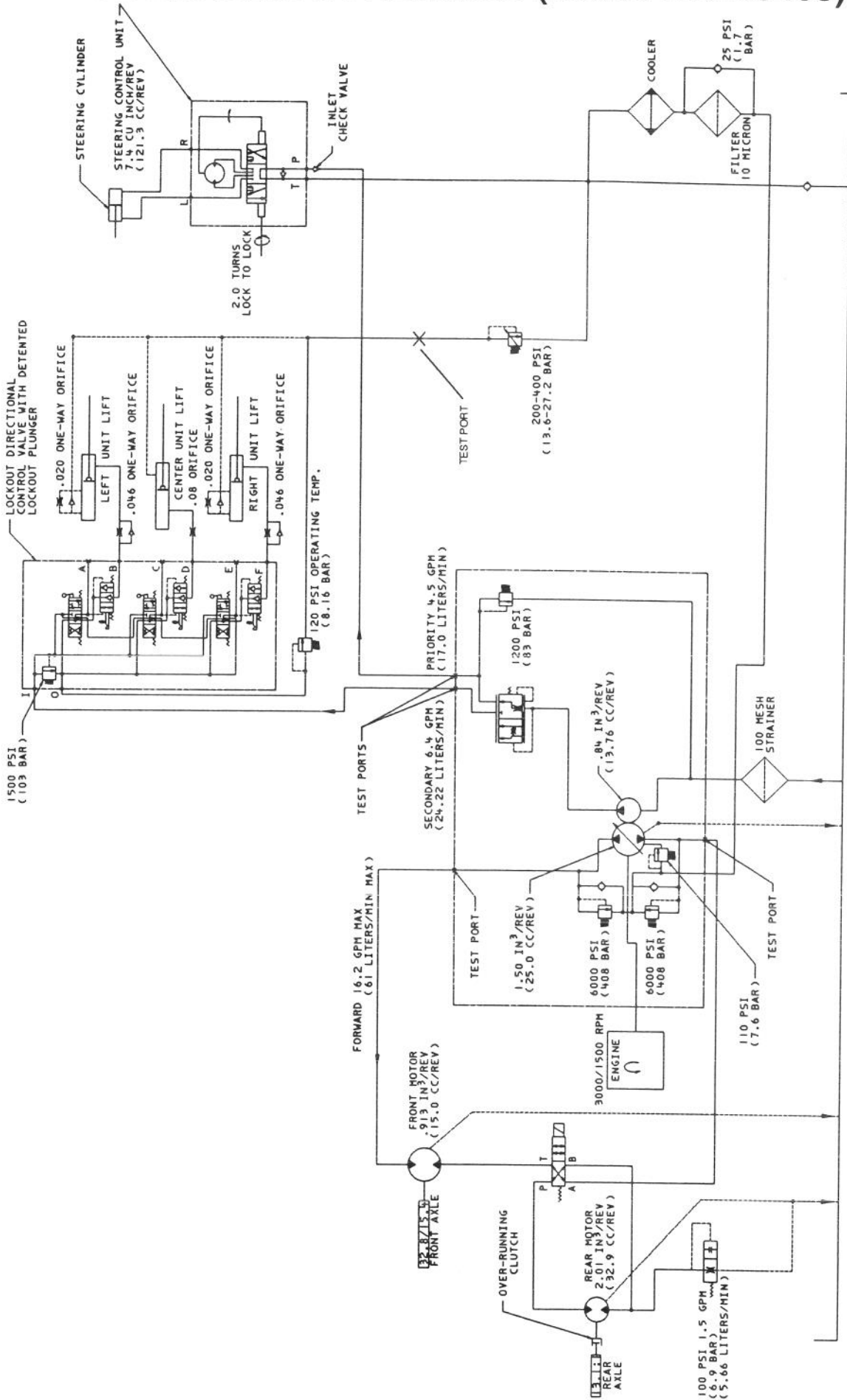
Ref. No.	Part No.	Description	No. Used
1	76-5180	Washer - Copper	4
2	76-5190	Fitting - Adjustable	2
3	76-5200	Fuel Filter Assembly (Incl. Ref. #7)	1
4		Seal - O-Ring	1

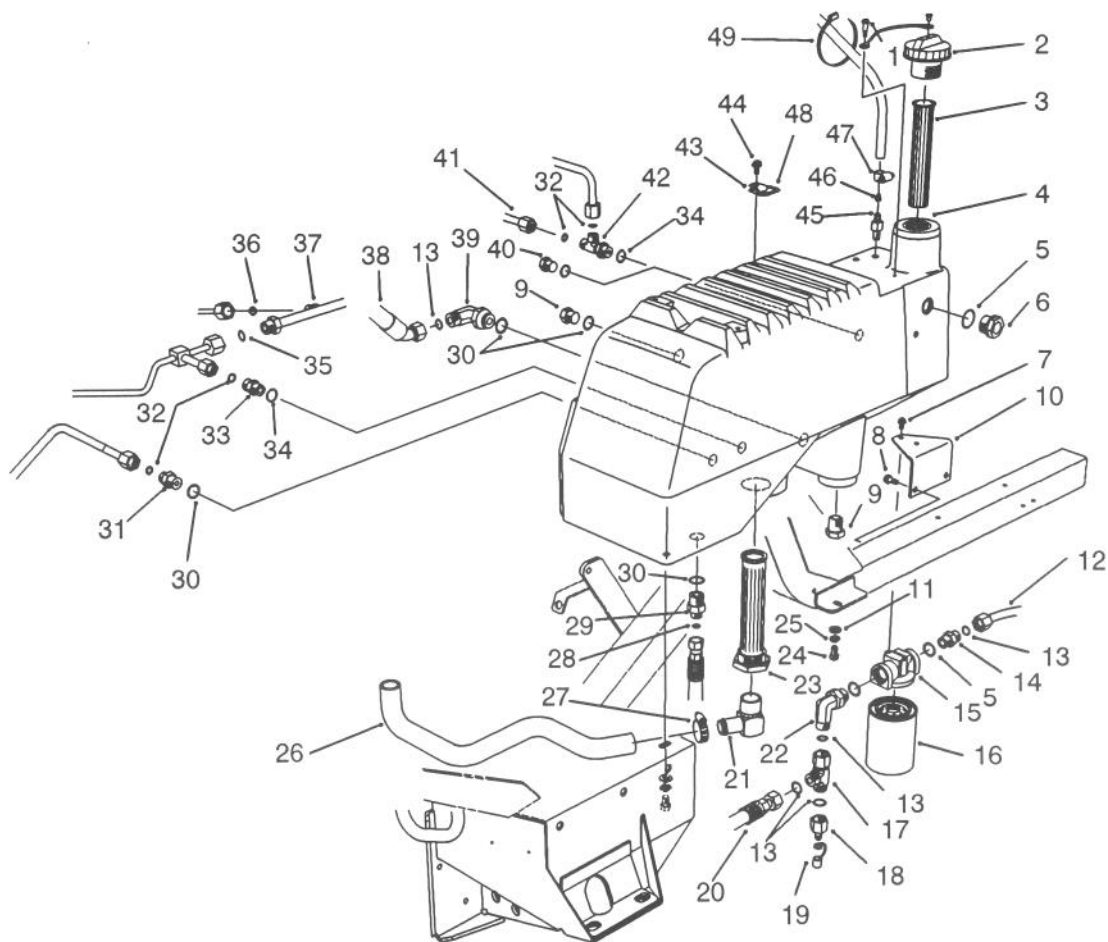
Ref. No.	Part No.	Description	No. Used
5	76-5220	Element - Filter (Incl. Ref. #4, 6 & 8)	1
6		Seal - Gasket	1
7		Cap - Fuel Filter	1
8		Seal - Gasket	1

HYDRAULIC SCHEMATIC (Model No. 30450)



HYDRAULIC SCHEMATIC (Model No. 30455)

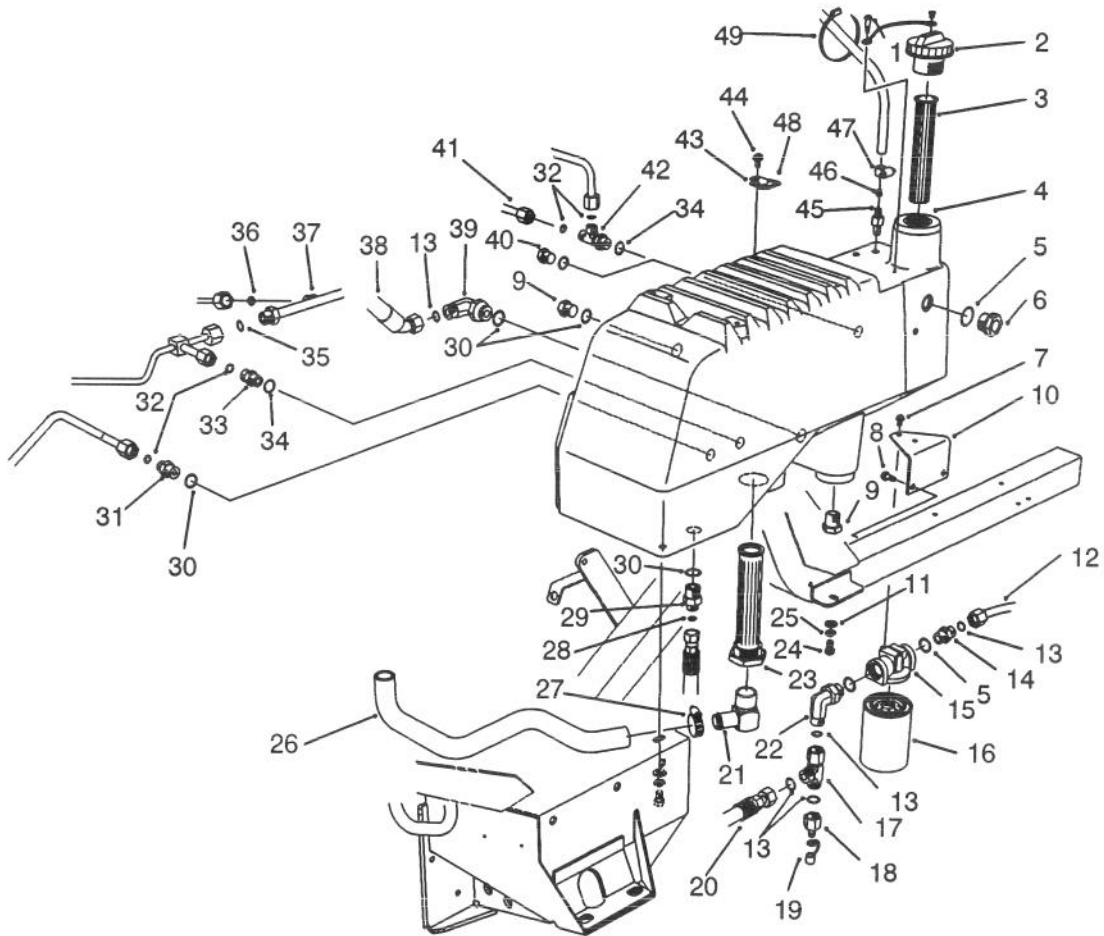




T-1509

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	57-5420	Screw - Shoulder	1	24	323-4	Screw - Cap Hex. Hd.	3
2	70-8640	Cap - Oil	1	25	3253-21	Washer - Lock	3
3	61-2790	Screen	1	26	86-2800	Hose - Suction	1
4	82-3700	Reservoir - Hydraulic	1	27	2412-34	Clamp - Hose	1
5	237-81	O-Ring	3	28	237-22	O-Ring	1
6	69-1170	Gauge - Sight	1	29	340-141	Fitting - Hydraulic	1
7	3234-13	Screw - Hex. Washer Hd.	2	30	237-80	O-Ring	3
8	32144-11	Screw - Hex. Washer Hd.	2	31	340-6	Fitting - Adapter	1
9	353-551	Plug	2	32	237-30	O-Ring	4
10	74-4230	Bracket - Mount, Filter	1	33	75-9550	Valve - Check	1
11	3256-24	Washer - Flat	3	34	237-79	O-Ring	3
12	74-6400	Assembly - Tube, Filter Line	1	35		O-Ring	
13	237-65	O-Ring	5	36		O-Ring	
14	340-8	Fitting - Adapter	1	37	86-5800	Assy. - Tube, Oil Cooler Rear	1
15	86-3000	Assembly - Head, Filter	1	38	86-3150	Assembly - Hose	1
16	86-3010	Filter - Transmission	1	39	340-17	Fitting - Hydraulic 90°	1
17	340-147	Fitting - Hydraulic	1	40	353-550	Plug (2 Wd Only)	1
18	86-5860	Nipple	1	41	74-6230	Assy. - Tube, Traction (4 Wd Only)	1
19	354-79	Cap - Fitting	1	42	340-109	Fitting - Tee (4 WD Only)	1
20	86-5500	Assembly - Hose	1	43	76-9950	Bracket - Ring	4
21	354-87	Fitting - Hydraulic 90°	1	44	32144-4	Screw - Thread Forming	4
22	340-139	Fitting - Hydraulic	1				
23	75-0550	Strainer - Tank	1				

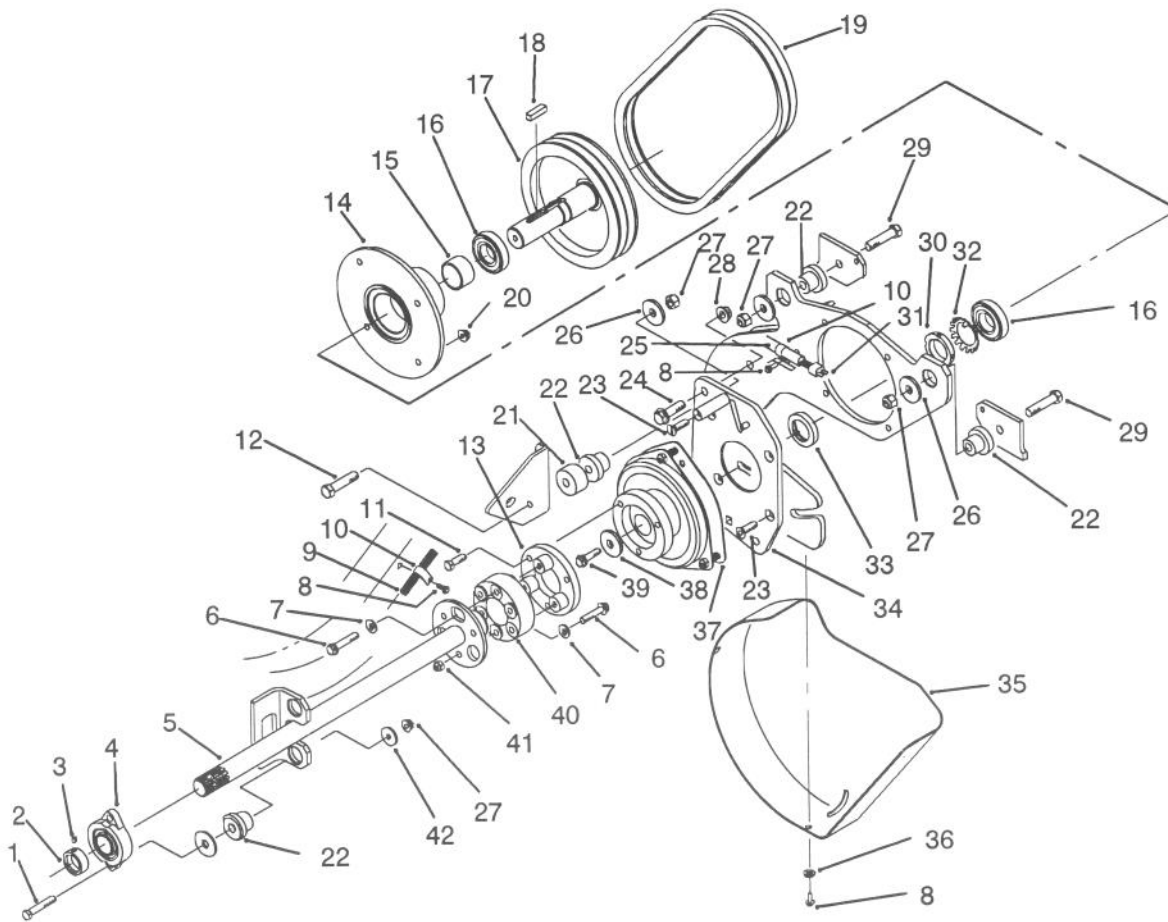


T-1509

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
45	354-103	Male Hose Barb	1
46	74-4080	Orifice - Breather	1
47	2412-108	Clamp - Hose	1

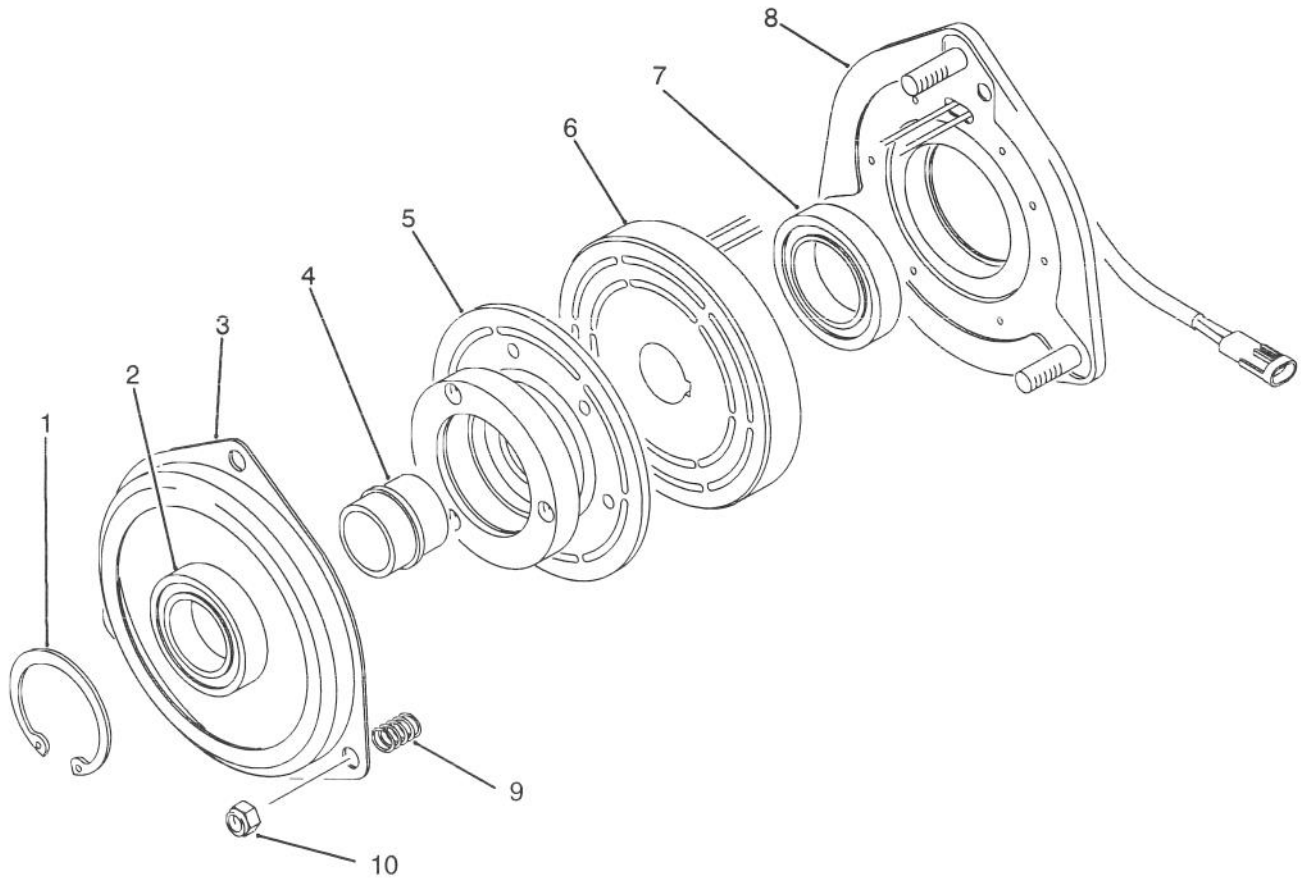
Ref. No.	Part No.	Description	No. Used
48	249-49	Ring	1
49	3290-378	Tie - Cable	1



T-1519

PTO SHAFT & CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3274-71	Screw - Soc. Hex. Hd.	2	22	84-1550	Mount - Rubber	5
2		Collar - Bearing	1	23	88-1510	Screw - Special	5
3		Screw - Set	1	24	3234-22	Screw - Flange Head	3
4	86-5620	Bearing (Incl. Ref. 2 & 3)	1	25	86-3030	Cover - Wire	1
5	84-1320	Shaft - P.T.O.	1	26	84-1560	Washer - Thrust	3
6	66-9303	Screw - Flange Head	6	27	3296-25	Nut - Lock	5
7	3256-24	Washer - Flat	6	28	32128-49	Nut - Flange Head	3
8	32144-11	Screw - Hex. Washer Hd.	5	29	325-9	Screw - Cap Hex. Hd.	2
9	86-5470	Harness - Wire	1	30	88-1450	Nut - Lock, Bearing	1
10	2412-109	Clamp - J	2	31	86-5820	Harness - Wire, Main	1
11	48-4970	Bolt - Hex. Head	3	32	88-1460	Washer - Lock	1
12	325-13	Screw	1	33	88-1150	Spacer - Clutch	1
13	84-1410	Adapter - Clutch	1	34	86-2930	Plate - Clutch	1
14	84-0740	Housing - Bearing, Lower	1	35	88-1280	Cover - Belt, Lower	1
15	88-1140	Spacer - Bearing, Lower	1	36	3256-70	Washer - Flat	3
16	251-310	Bearing - Ball	2	37	86-5610	Clutch	1
17	84-0180	Pulley - Lower	1	38	84-1580	Washer - Clutch	1
18	84-1450	Key	1	39	3234-18	Screw - Flange Head	1
19	88-1170	Belt - Matched Set	1	40	86-3040	Flange - Rubber	1
20	3296-39	Nut - Lock	4	41	32152-2	Nut - Lock, Flange Hd.	3
21	84-1570	Spacer	1	42	86-1990	Washer	4

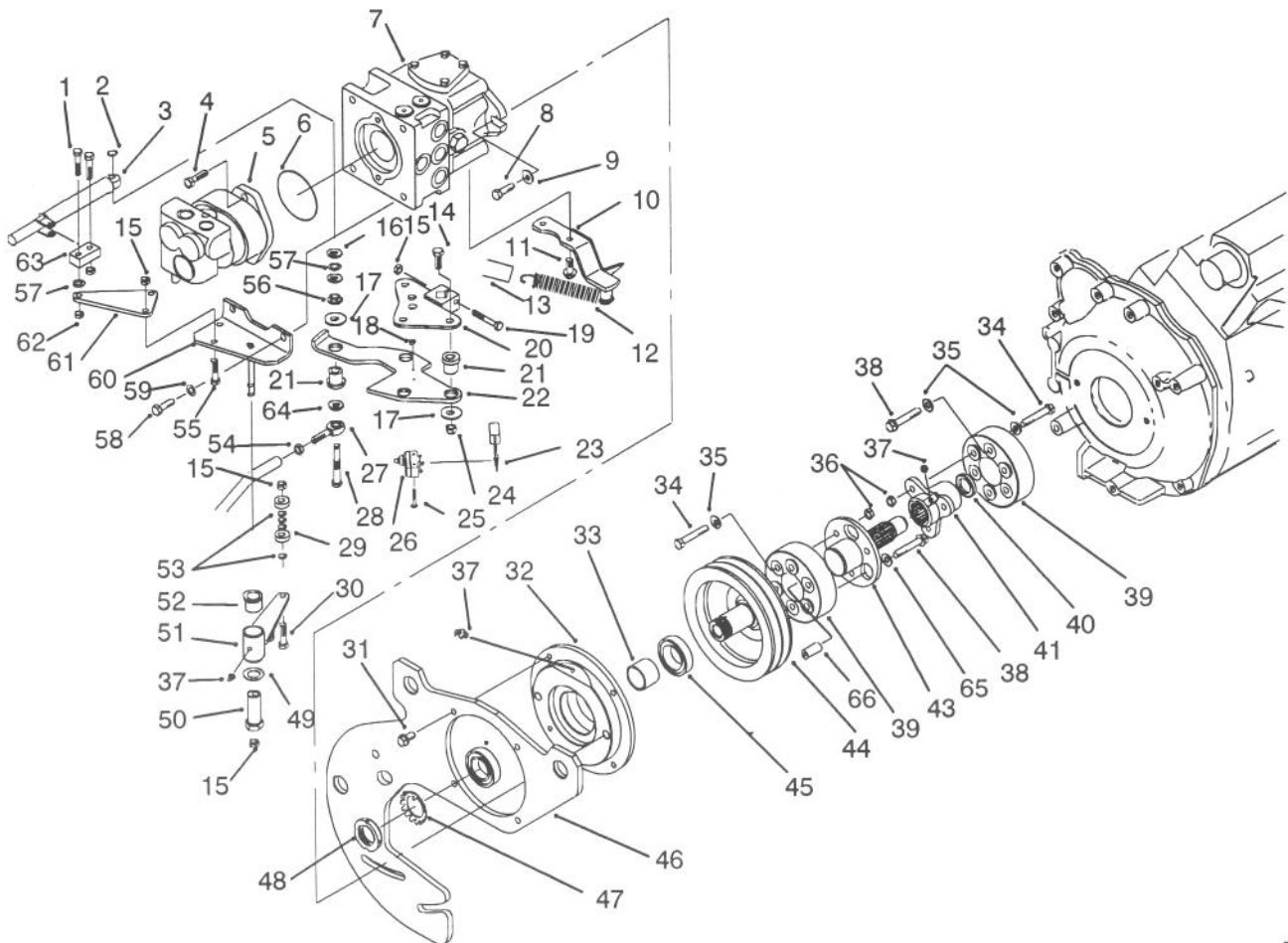


T-1523

CLUTCH ASSEMBLY NO. 86-5610

Ref. No.	Part No.	Description	No. Used
1		Ring - Retaining	1
2		Bearing	1
3	88-1370	Plate - Brake	1
4		Collar - Bearing	1
5	88-1620	Assembly - Armature (Incl. Ref. #1, 2 & 4)	1

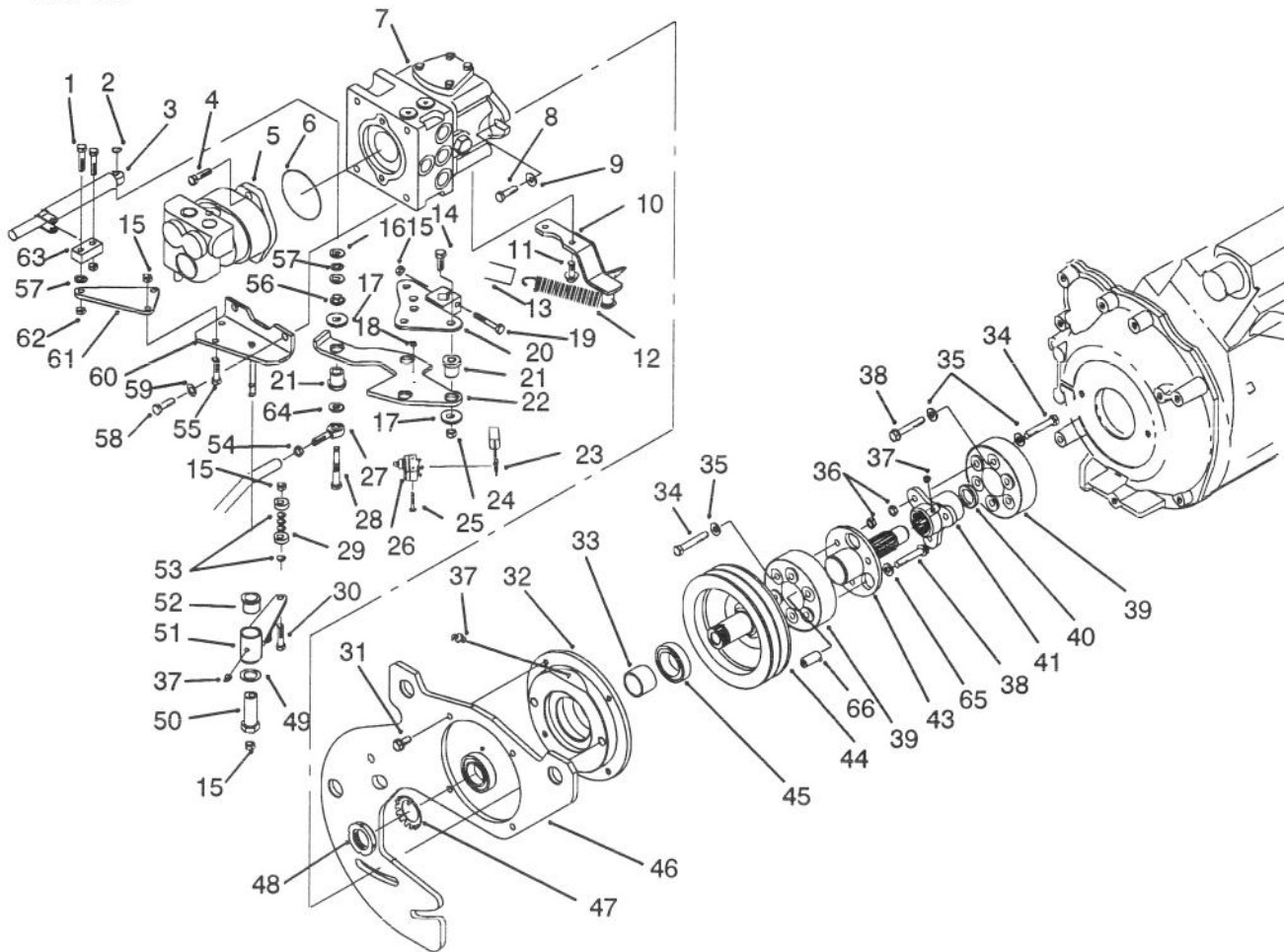
Ref. No.	Part No.	Description	No. Used
6		Assembly - Field Coil	1
7		Bearing - Field	1
8	88-1610	Assembly - Field Rotor (Incl. Ref. #6 & 7)	1
9	44-8320	Spring	3
10	3296-6	Nut - Lock	3



T-1511

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-6	Screw - Cap Hex. Hd.	2	27	2411-36	Rod End	1
2	32151-73	Ring - Clip	1	28	82-5280	Shaft - Pivot	1
3	76-8870	Assy. - Damper, Lever	1	29	251-259	Bearing - Ball	2
4	323-7	Screw - Cap Hex. Hd.	2	30	322-7	Screw - Cap Hex. Hd.	1
5	86-5600	Assy. - Pump, Gear	1	31	3234-1	Screw - Hex. Flange Hd.	4
6	237-161	O-Ring	1	32	84-0750	Housing - Bearing	1
7	86-5590	Assembly - Pump	1	33	86-5940	Spacer - Bearing	1
8	3213-2	Screw - Hex. Hd. Flange	2	34	323-11	Screw - Cap Hex. Hd.	6
9	3256-26	Washer - Flat	2	35	3256-24	Washer - Flat	9
10	84-1380	Anchor - Spring	1	36	32152-2	Nut - Lock	6
11	32144-26	Screw - Hex. Washer Hd.	2	37	302-5	Fitting - Grease	3
12	76-9430	Spring - Extension	1	38	66-9303	Screw - Hex. Flange Hd.	6
13	84-1480	Hose - Dampener	1	39	86-3040	Coupling - Rubber	2
14	323-29	Screw - Cap Hex. Hd.	3	40	253-43	Seal - Grease	1
15	3296-29	Nut - Lock	5	41	84-1330	Hub - Splined	1
16	3256-71	Washer - Flat	2	43	84-1030	Driveshaft	1
17	63-8410	Washer	3	44	84-0170	Pulley - P.T.O.	1
18	3296-9	Nut - Lock	2	45	251-314	Bearing	2
19	322-10	Screw - Cap Hex. Hd.	1	46	86-2830	Plate W.A. - Adapter, Main	1
20	82-5180	Control W.A. - Pump	1	47	88-1440	Washer - Lock	1
21	63-9751	Mount - Rubber	4	48	88-1430	Nut - Lock, Bearing	1
22	88-1470	Plate - Control, Pump	1	49	3-6498	Washer	1
23	86-3020	Wire - Neutral, Switch	1	50	76-8640	Stud - Traction	1
24	3296-59	Nut - Lock	3	51	75-4090	Switch W.A. - Neutral (Incl. Ref. #37 & 52)	1
25	3249-11	Screw - Machine Rd. Hd.	2	52	256-113	Bushing	2
26	29-6163	Switch - Micro	1				

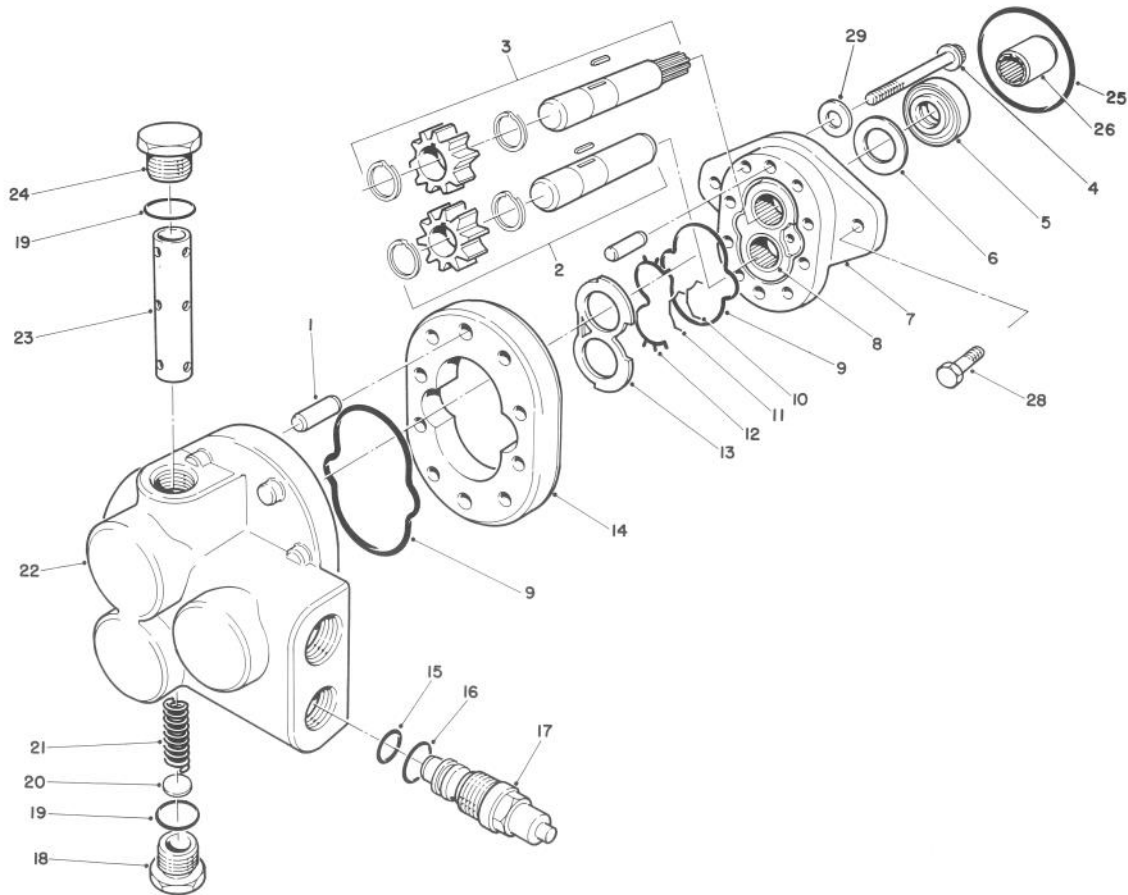


T-1511

HYDRAULIC PUMP INSTALLATION ASSEMBLY (Cont.)

Ref. No.	Part No.	Description	No. Used
53	75-5470	Washer	4
54	3220-3	Nut - Jam	1
55	322-5	Screw - Cap Hex. Hd.	2
56	3290-357	Nut - Flange Head	1
57	3290-477	Washer - Curved	2
58	324-4	Screw - Cap Hex. Hd.	2
59	3253-6	Washer - Lock	2

Ref. No.	Part No.	Description	No. Used
60	84-1500	Bracket W.A. - Neutral	1
61	82-5240	Plate - Pivot	1
62	3296-47	Nut - Lock	2
63	76-9760	Pivot - Damper	1
64	3256-3	Washer	1
65	80-7730	Spacer	3
66	92-1351	Plug - Pulley	1



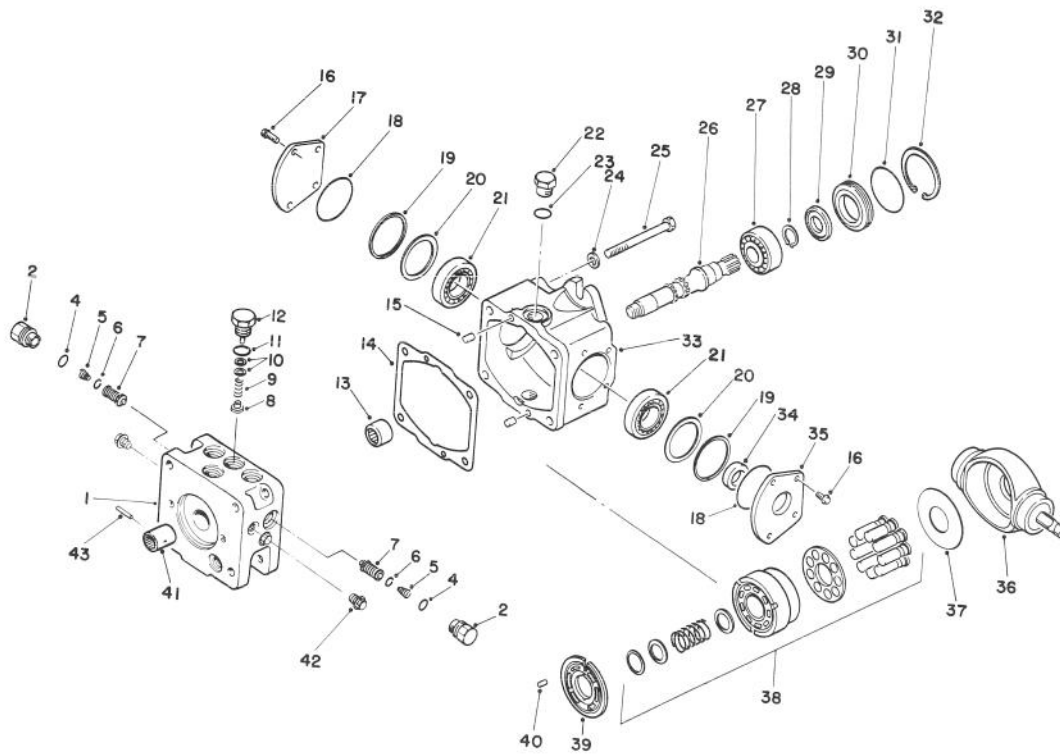
T-0995A

GEAR PUMP ASSEMBLY NO. 86-5600

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1		Pin-Dowel	4	17	74-9000	Relief Valve Assy. (Incl. Ref. #15 & 16)	1
2	88-3740	Idler Gear Assembly	1	18	60-5710	Plug Assembly (Incl Ref. #19)	1
3	88-3750	Drive Gear Assembly	1	†19		O-Ring	2
4	88-3760	Capscrew	8	20	60-5730	Disc	1
5	49-2640	Seal-Shaft	1	21	88-3770	Spring	1
6	60-5890	Washer	1	†22	74-8980	Backplate Assembly	1
7	49-2660	Frontplate Assembly (Incl. Ref. #8)	1	†23	74-8990	Spool Assembly	1
†8		Bearing - Needle	2	24	60-5860	Plug Assembly (Incl. Ref. #19)	1
9	56-6710	Seal - O-Ring	2	25	237-167	O - Ring	1
10	49-2680	Seal - O-Ring (Molded)	1	26	74-9040	Coupling	1
11	49-2700	Seal-Bearing	1	28	323-7	Screw-Cap, Hex. Hd.	2
12	49-2690	Gasket-Backup	1	*	74-9020	Backplate Repair Kit	1
13	49-2670	Plate-Wear	1	*	74-9010	Kit - Seal	1
14	88-3730	Body Assembly (Incl. Ref. #1)	1	*	86-5600	Gear Pump Assembly (Incl. Ref. #1-24 & 27-28)	1
†15		Seal - O-Ring	1				
†16		Seal - O-Ring	1				

*Not Illustrated

†Not Serviced Separately

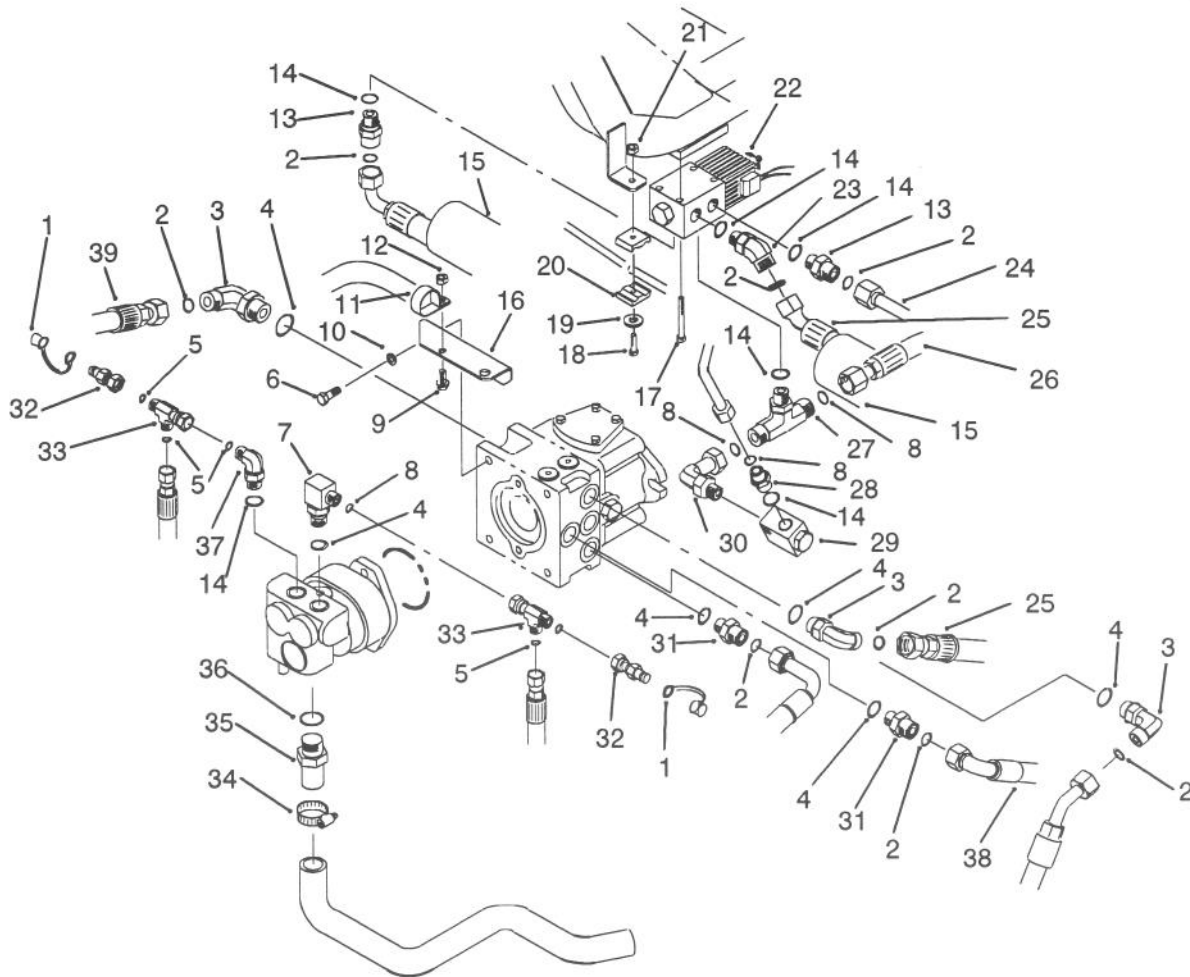


T-1497

TRACTION PUMP ASSEMBLY NO. 86-5590

Ref. No.	Part No.	Description	No. Used
1	92-1354	Cap - End	1
2	92-1355	Plug - Special	2
4	75-0240	O-Ring	2
5	75-0140	Spring - Conical	2
6	84-0550	Ring - Retaining	2
7	92-1356	Valve - Screw 415 BAR	2
8	84-0480	Poppet - Charge Relief	1
9	84-0490	Spring - Compression	1
10	92-1353	Shim	1
11	28-3570	O-Ring	1
12	84-0500	Assy. - Charge Relief Plug.	1
13	75-0500	Bearing - Needle	1
14	84-0210	Gasket - End Cap	1
15	75-0480	Pin	2
16	84-0460	Screw	8
17	84-0440	Cover - Trunnion	2
18	84-0430	O-Ring	4
19	84-0270	Spacer - Trunnion	4
20	84-0570	Shim - Trunnion Kit	4
21	84-0260	Bearing - Roller	4
22	353-551	Plug Assembly (Incl. Ref. #23)	3
23	237-80	O-Ring	3

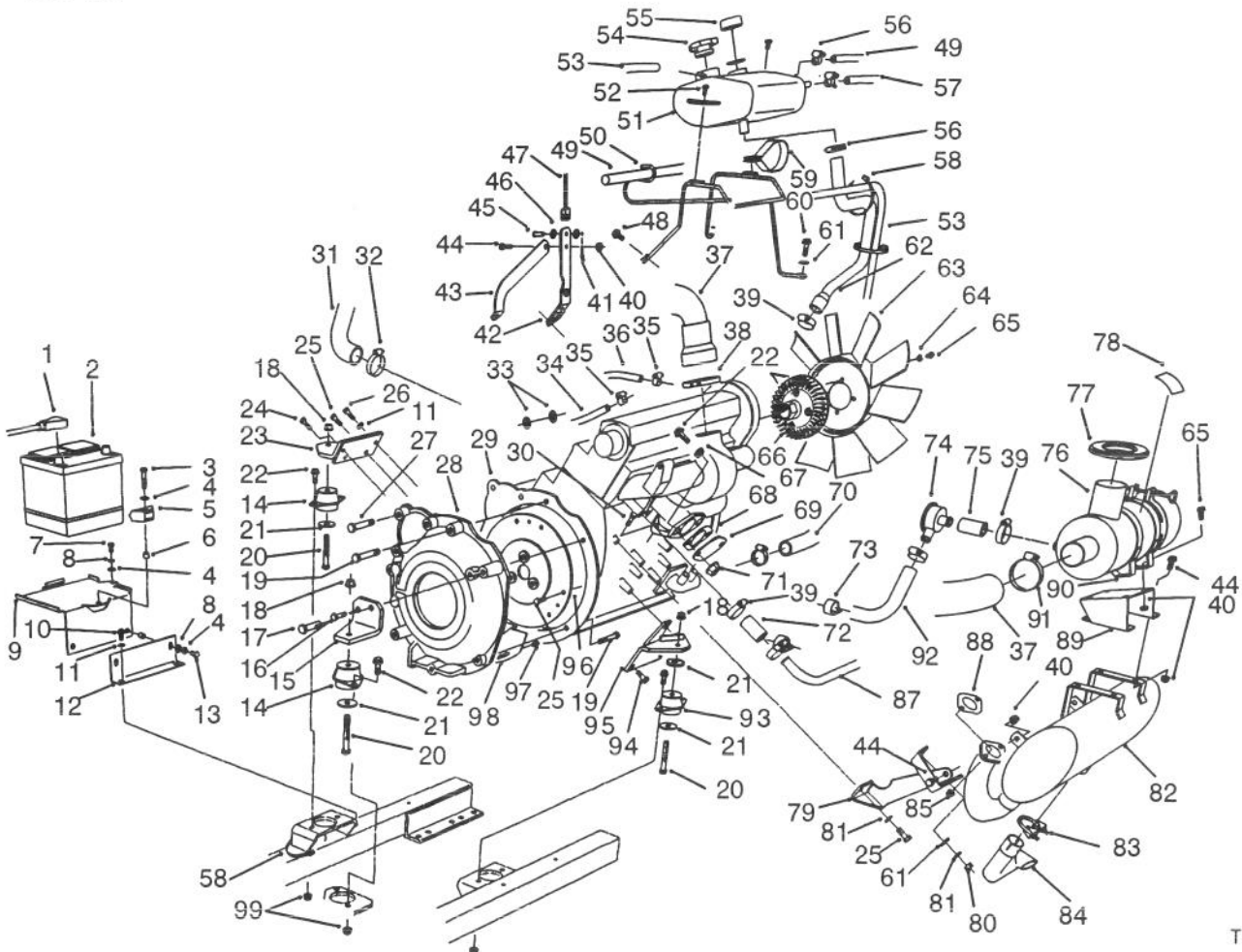
Ref. No.	Part No.	Description	No. Used
24	84-0360	Washer	8
25	84-0330	Screw - Cap Hex. Hd.	8
26	84-0300	Shaft - Pump	1
27	84-0310	Bearing - Ball	1
28	84-0320	Ring - Retaining	1
29	84-0400	Seal - Lip	1
30	84-0410	Carrier - Seal	1
31	28-3520	O-Ring	1
32	84-0380	Ring - Retaining Internal	2
33	84-0240	Housing - Pump	1
34	84-0470	Seal - Lip	2
35	84-0450	Cover - Trunnion	1
36	84-0250	Swash Plate - Variable	1
37	75-0400	Plate - Thrust	1
38	75-0470	Kit - Cylinder Block	1
39	84-0280	Plate - Valve R.H.	1
40	75-0510	Pin	1
41	92-1358	Coupling	1
42	92-1352	Plug	3
43	92-1357	Pin	1



T-1498

HYDRAULIC PUMP FITTINGS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	354-79	Cap - Fitting	2	23	340-55	Fitting - Hydraulic 45° (Model 30455 Only)	1
2	237-65	O-Ring	8	24	86-2770	Assembly - Tube, Traction (Model 30455 Only)	1
3	340-17	Fitting - Hydraulic 90°	2	25	86-2910	Assembly - Hose (Model 30455 Only)	1
4	237-80	O-Ring	6	26	86-2710	Assembly - Hose, Rear Motor (Model 30455 Only)	1
5	237-22	O-Ring	5	27	340-157	Fitting - Tee (Model 30455 Only)	1
6	324-4	Screw - Cap Hex. Hd.	2	28	340-4	Fitting - Hydraulic (Model 30455 Only)	1
7	88-1320	Fitting - Hydraulic 90°	1	29	84-0720	Valve - Velocity (Model 30455 Only)	1
8	237-30	O-Ring	3	30	340-165	Fitting - Hydraulic (Model 30455 Only)	1
9	322-2	Screw - Cap Hex. Hd.	1	31	340-7	Fitting - Hydraulic	2
10	3253-6	Washer - Lock	2	32	86-5480	Nipple - Test	2
11	2412-74	Clamp - R	1	33	340-115	Fitting - Hydraulic	2
12	32128-20	Nut - Lock, Flange Head	1	34	2412-34	Clamp - Hose	1
13	340-155	Fitting - Hydraulic 90° (Model 30455 Only)	2	35	354-78	Connector - Hose	1
14	237-79	O-Ring (Model 30455 Only)	6	36	237-146	O-Ring	1
15	70-1380	Protector - Sleeve (Model 30455 Only)	1	37	340-18	Fitting - Hydraulic 90°	1
16	88-1290	Bracket - Rod, Seat	1	38	86-5500	Assembly - Hose	1
17	321-15	Screw - Cap Hex. Hd.	2	39	86-3150	Assembly - Hose	1
18	322-6	Screw - Cap Hex. Hd.	1				
19	3256-23	Washer - Flat	1				
20	56-7973	Clamp	2				
21	3296-47	Nut - Lock	1				
22	76-9970	Valve - 4 WD (Model 30455 Only)	1				



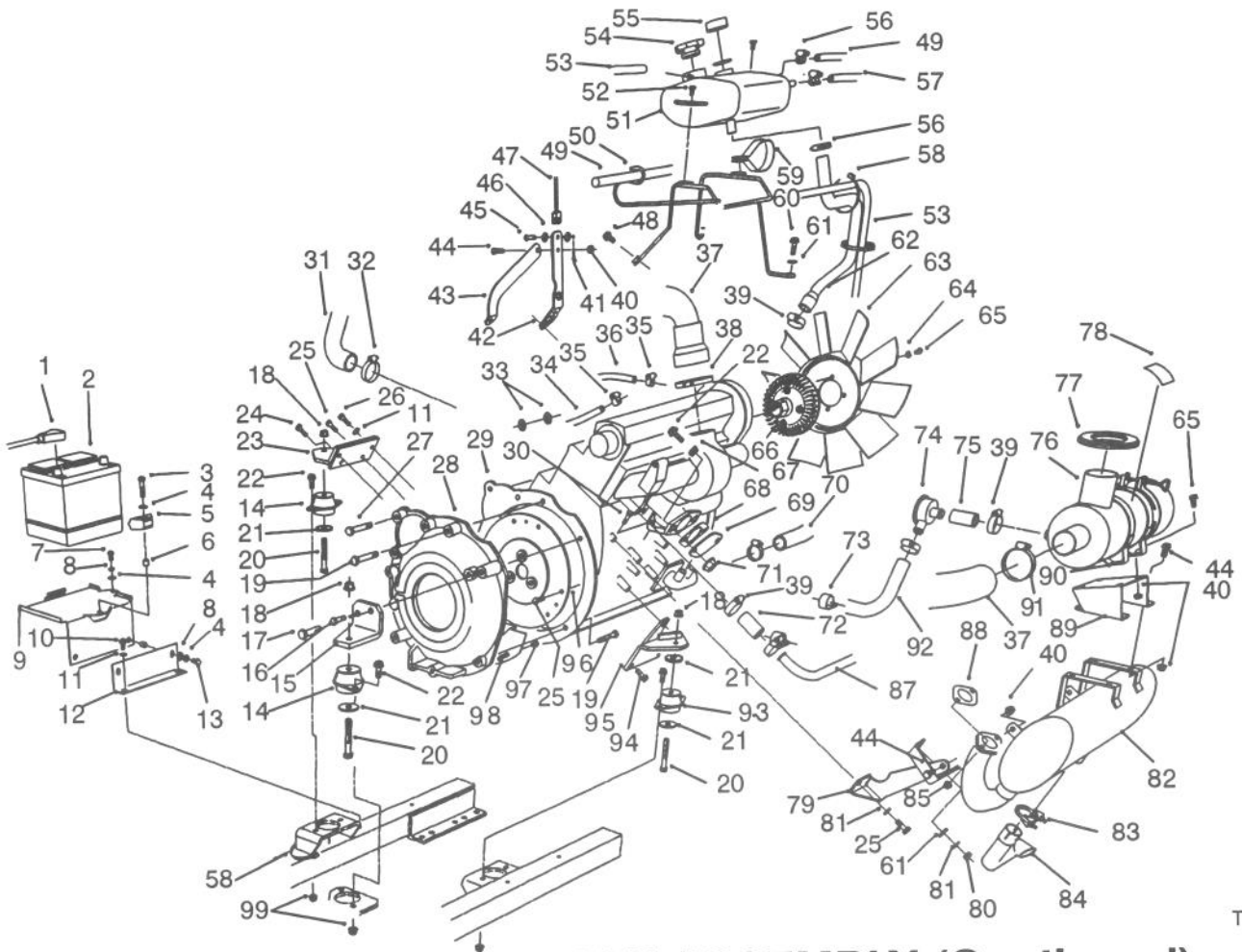
T-1513

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	74-9080	Cable - Battery Pos.	1	27	48-7810	Screw - Cap Hex. Hd.	3
*	74-9090	Cable - Battery Neg.	1	28	84-0760	Adapter - Pump to Engine	1
†2		Battery - Type 26 SMF-5	1	29	74-5510	Assembly - Engine	1
3	323-9	Screw - Cap Hex. Hd.	1	30	322-16	Screw - Cap Hex. Hd.	2
4	3256-24	Washer - Flat	4	31	74-5930	Hose - Radiator, Upper	1
5	66-2490	Clamp - Battery	1	32	2412-3	Clamp	2
6	32148-9	Insert	3	33	86-2990	Mount - Cable, Throttle	2
7	323-34	Screw - Cap Hex. Hd.	1	34	63-7672	Hose - Fuel	1
8	3253-21	Washer - Lock	3	35	2412-108	Clamp	3
9	76-6500	Base - Battery	1	36	63-7627	Hose - Fuel	1
10	32144-11	Screw - Hex. Washer Hd.	2	37	74-6030	Hose - Air Cleaner	1
11	3255-8	Washer - Lock, Ext. Tooth	2	38	2412-125	Clamp - Hose	1
12	76-4310	Support - Base, Battery	1	39	2412-129	Clamp - Hose	9
13	323-33	Screw - Cap Hex. Hd.	2	40	32128-30	Nut - Lock	11
14	53-9681	Mount - Rubber, Engine	2	41	3272-10	Pin - Cotter	1
15	74-5470	Mount - Engine	1	42	77-3890	Bracket - Cable, Hood	1
16	48-9470	Screw - Cap Hex. Hd.	1	43	74-4050	Bracket - Support, Hood	1
17	48-7840	Screw - Cap Hex. Hd.	1	44	3234-5	Screw - Hex. Flange Hd.	6
18	32128-37	Nut - Lock, Flange Hd.	3	45	283-58	Pin - Clevis	1
19	48-7570	Screw - Cap Hex. Hd.	3	46	62-1230	Washer	2
20	324-12	Screw - Cap Hex. Hd.	3	47	66-2871	Cable - Hood	1
21	53-9480	Washer - Rebound	4	48	77-3900	Screw - Cap Hex. Hd.	1
22	3234-11	Screw	8	49	74-6040	Hose - Return	1
23	76-4120	Mount W.A. - Engine	1	50	74-4010	Wireform W.A.	1
24	48-9460	Screw - Cap Hex. Hd.	1	51	77-3550	Box - Degassing	1
25	48-7700	Screw - Cap Hex. Hd.	10	52	46-6811	Screw - Hex. Washer Hd.	2
26	48-7730	Screw - Cap Hex. Hd.	1	53	55-4130	Hose - Fuel	1

*Not Illustrated

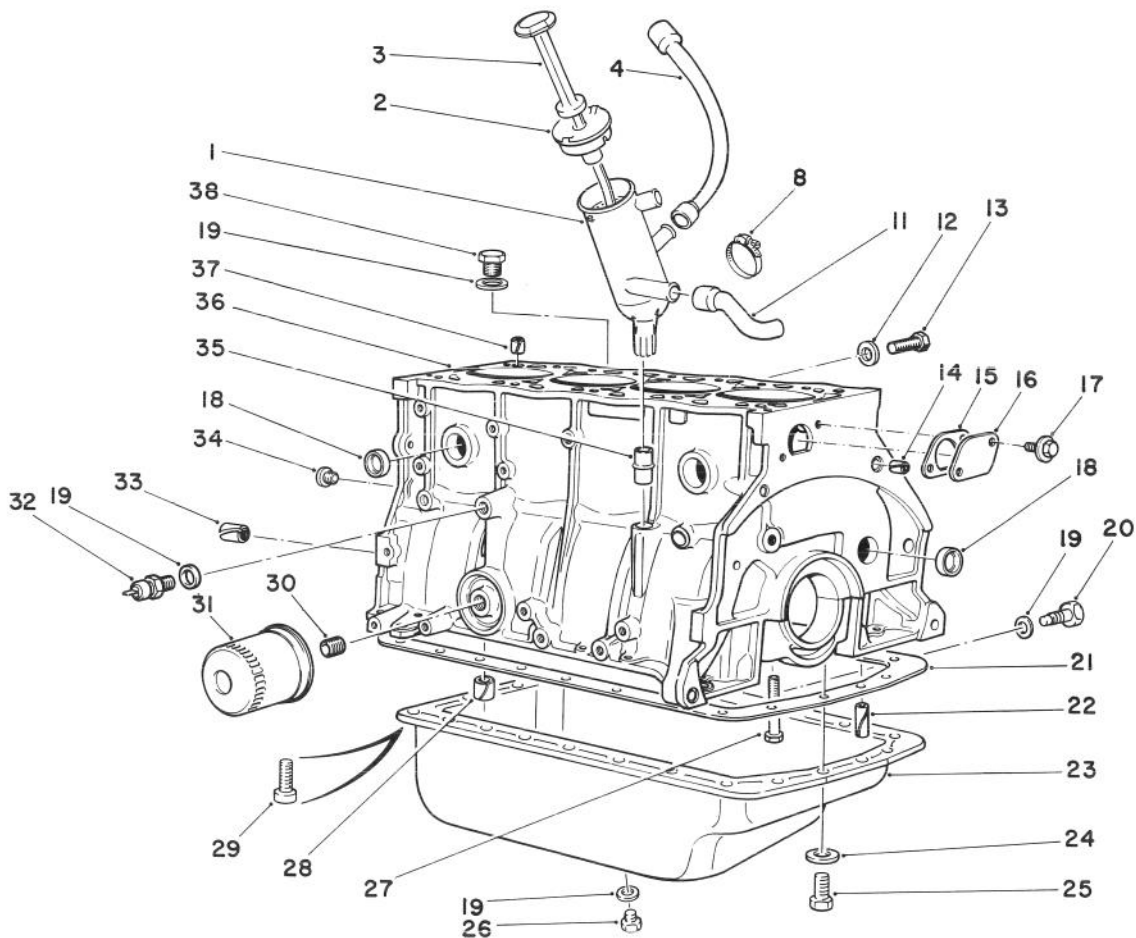
†Obtain Locally



T-1513

ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
54	66-3240	Cap - Expansion	1	75	74-7730	Hose - Air Cleaner PCV	1
55	77-3560	Cap	1	76	74-6000	Assembly - Air Cleaner	1
56	2412-119	Clamp	3	77	88-1490	Holder - Foam	1
57	74-9120	Hose - Radiator, Overflow	1	78	76-8770	Decal - Caution	1
58	3290-378	Tie - Cable	2	79	92-1360	Bracket - Muffler	1
		(Model 30450 Only)		80	77-3320	Nut - Lock	2
58	3290-378	Tie - Cable	3	81	68-9420	Washer - Lock	4
		(Model 30455 Only)		82	74-5980	Muffler W.A.	1
59	2412-96	Clamp-R	1	83	2112-9	Clamp - Muffler	1
60	3234-17	Screw - Hex. Flange Hd.	1	84	86-5650	Pipe - Exhaust	1
61	3256-3	Washer - Flat	3	85	32128-13	Nut - Lock	2
62	74-6010	Hose - Overflow	1	87	74-4900	Tube - Water, Return	1
63	74-3650	Fan	1	88	77-3700	Gasket - Muffler, Exhaust	1
64	3253-4	Washer - Lock	4	89	77-3880	Bracket - Air Cleaner	1
65	322-3	Screw - Cap Hex. Hd.	8	90	27-7170	Assembly - Band	2
66	74-5520	Clutch - Fan	1	91	2412-130	Clamp - Hose	1
67	76-4230	Guide - Exhaust, Manifold	2	92	74-7720	Hose - PVC Valve	1
68	74-5590	Gasket - Exhaust, Manifold	1	93	53-9682	Mount - Rubber, Eng	1
69	76-4160	Cover - Exhaust, Manifold	1	94	48-7780	Screw - Cap Hex. Hd.	3
70	74-6020	Hose - Radiator, Lower	1	95	76-4220	Mount W.A. - Engine	1
71	32128-19	Nut - Flange	2	96	84-1440	Plate - Adapter	1
72	74-6490	Hose - Water Line	2	97	48-7610	Screw - Cap Hex. Hd.	3
73	2412-104	Clamp-R	1	98	77-3600	Shield - Adapter	1
74	74-5760	PCV Valve	1	99	3290-357	Nut - Lock	6

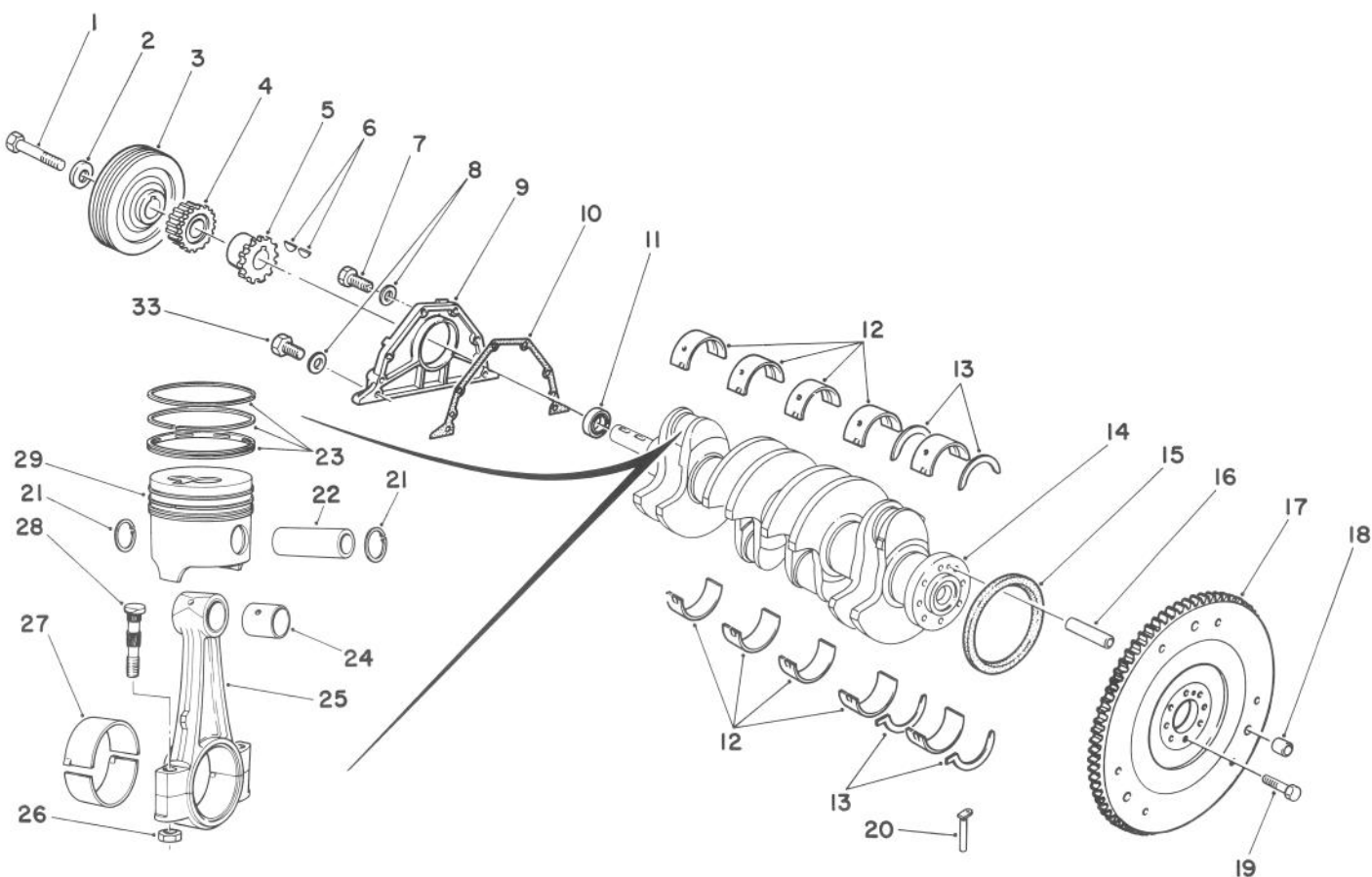


T-0962

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	74-8050	Oil Decanter Assembly	1	24	74-7900	Washer - Stop	23
2	74-7690	Cap - Filler	1	25	74-7910	Screw - Cap Hex. Hd.	20
3	74-7700	Dipstick - Oil	1	26	77-3790	Plug - Drain	1
4	74-7710	Hose - Breather	1	27	74-7930	Screw - Bearing Cap	10
8	2412-129	Clamp - Hose	4	28	74-7940	Bushing - Spring	1
11	74-7770	Hose - Crankcase	1	29	74-7950	Screw - Plate	6
12	74-7780	Gasket	1	30	74-7960	Stud - Filter	1
13	74-7790	Screw	1	31	74-7970	Filter - Oil	1
14	74-7800	Pin - Spring	2	32	74-7980	Switch - Pressure	1
15	74-7810	Gasket - Plate	1	33	74-7990	Pin - Spring	4
16	74-7820	Plate	1	34	74-8000	Plug	2
17	74-7830	Screw - Washer Hd.	2	35	74-8010	Tube	1
18	74-7840	Plug	8	36	74-8020	Longblock Assembly (Incl. Pistons)	1
19	74-7850	Gasket	4	37	74-8030	Pin - Spring	1
20	74-7920	Plug	1	38	74-8040	Plug	1
21	74-7870	Gasket - Oil Pan	1	*	74-8060	Gasket Set (Without Head Gasket)	1
22	74-7880	Pin - Groove	2				
23	74-7890	Pan - Oil	1				

*Not Illustrated

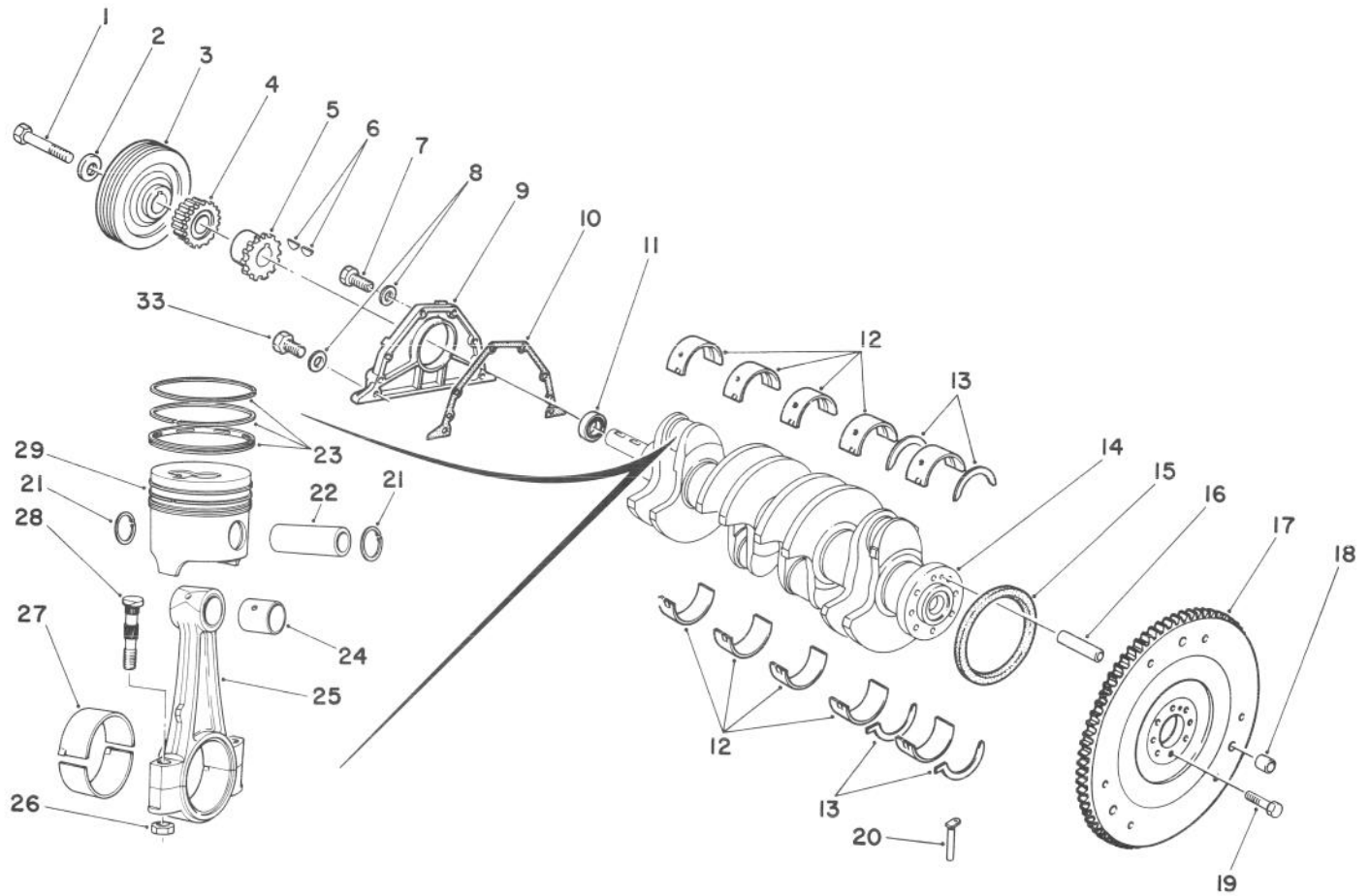


T-0963A

CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	74-8070	Screw - Cap Hex. Hd.	1	16	74-8250	Pin	1
2	74-8080	Washer	1	17	74-8260	Flywheel	1
3	74-8090	Pulley	1	18	74-8270	Pin	3
4	74-8100	Gear - Pinion	1	19	74-8280	Screw - Cap Hex. Hd.	8
5	74-8110	Sprocket - Oil Pump	1	20	74-8290	Seal - #1 Bearing Cap	2
6	74-8120	Key - Woodruff	2	21	74-8300	Clip - Piston Pin	8
7	74-8130	Screw - Cap Hex. Hd.	4	22	74-8310	Pin - Piston	4
8	74-7560	Washer	6	23	74-8320	Piston Ring Set (Stage #1)	4
9	74-8140	Cover	1	*	74-8330	Piston Ring Set (Stage #2)	4
10	74-8150	Gasket - Cover	1	*	74-8340	Piston Ring Set (Stage #3)	4
11	74-8160	Seal - Shaft	1	24	74-8350	Bushing - Sleeve	4
12	74-8170	Bearing Set (Std.)	5	25	74-8360	Rod - Connecting	4
*	74-8180	Bearing Set (.30mm OS)	5	26	74-8370	Nut - Hex.	8
13	74-8190	Thrust Bearing Set (Std.)	2	27	74-8380	Bearing - Connecting Rod (Std.)	4
*	74-8200	Thrust Bearing Set (.10mm OS)	2	*	74-8390	Bearing - Connecting Rod (49.7mm ID)	4
*	74-8210	Thrust Bearing Set (.15mm OS)	2	28	74-8400	Bolt - Connecting Rod	4
*	74-8220	Thrust Bearing Set (.20mm OS)	2	29	74-8420	Piston Set - Stage #1 (83.13mm OD) (Incl. Ref. #21-23)	1
14	74-8230	Crankshaft	1				
15	74-8240	Seal	1				

*Not Illustrated



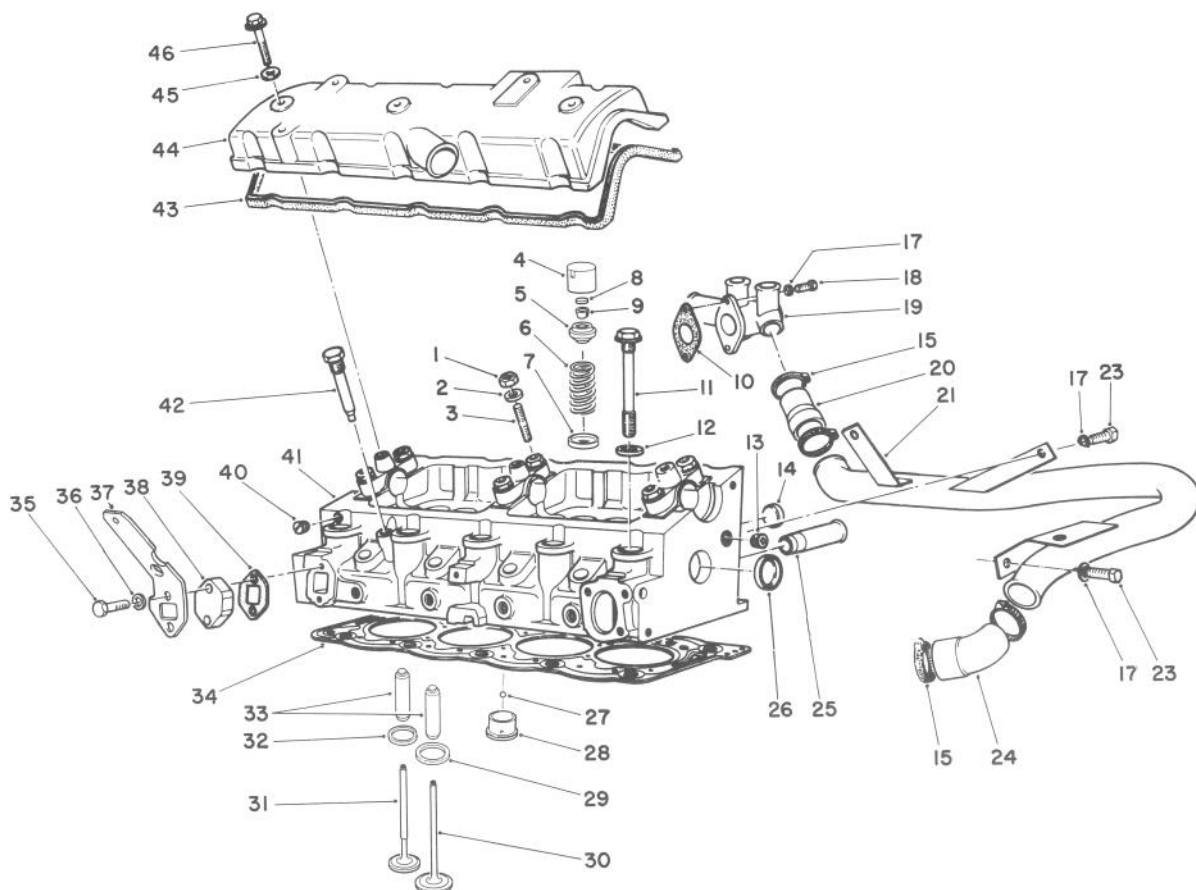
T-0963A

CRANKSHAFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
29	74-8430	Piston Set - Stage #2 (83.43mm OD) (Incl. Ref. #21-23)	1
*	74-8440	Piston Set - Stage #3 (83.73mm OD) (Incl. Ref. #21-23)	1

Ref. No.	Part No.	Description	No. Used
33	74-8570	Screw - Cap Hex. Hd.	2

*Not Illustrated

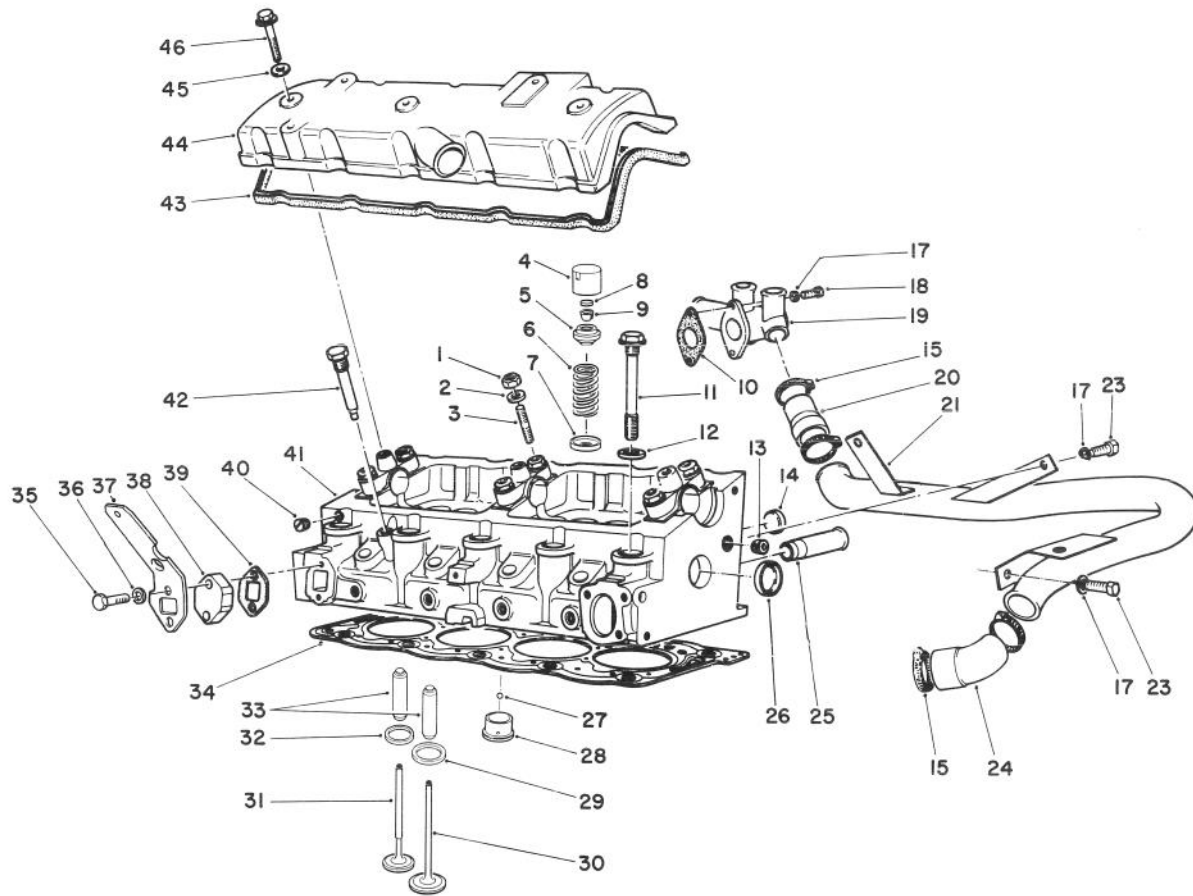


T-0965

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	46-0330	Nut - Lock	6	*	74-6740	Insert - Valve (2.450mm)	8
2	74-6520	Washer - Flat	6	*	74-6750	Insert - Valve (2.475mm)	8
3	74-6530	Stud	6	*	74-6760	Insert - Valve (2.500mm)	8
4	74-6540	Tappet - Valve	8	*	74-6770	Insert - Valve (2.525mm)	8
5	74-6550	Cup - Upper Valve Spring	8	*	74-6780	Insert - Valve (2.550mm)	8
6	74-6560	Spring - Valve	8	*	74-6790	Insert - Valve (2.575mm)	8
7	74-6570	Cup - Lower Valve Spring	8	*	74-6800	Insert - Valve (2.600mm)	8
8	74-6580	Insert - Valve (1.650mm)	8	*	74-6810	Insert - Valve (2.625mm)	8
*	74-6590	Insert - Valve (1.725mm)	8	*	74-6820	Insert - Valve (2.650mm)	8
*	74-6600	Insert - Valve (1.800mm)	8	*	74-6830	Insert - Valve (2.675mm)	8
*	74-6610	Insert - Valve (1.900mm)	8	*	74-6840	Insert - Valve (2.700mm)	8
*	74-6620	Insert - Valve (1.975mm)	8	*	74-6850	Insert - Valve (2.725mm)	8
*	74-6630	Insert - Valve (2.050mm)	8	*	74-6860	Insert - Valve (2.750mm)	8
*	74-6640	Insert - Valve (2.125mm)	8	*	74-6870	Insert - Valve (2.775mm)	8
*	74-6650	Insert - Valve (2.225mm)	8	*	74-6880	Insert - Valve (2.800mm)	8
*	74-6660	Insert - Valve (2.250mm)	8	*	74-6890	Insert - Valve (2.825mm)	8
*	74-6670	Insert - Valve (2.275mm)	8	*	74-6900	Insert - Valve (2.850mm)	8
*	74-6680	Insert - Valve (2.300mm)	8	*	74-6910	Insert - Valve (2.875mm)	8
*	74-6690	Insert - Valve (2.325mm)	8	*	74-6920	Insert - Valve (2.900mm)	8
*	74-6700	Insert - Valve (2.350mm)	8	*	74-6930	Insert - Valve (2.925mm)	8
*	74-6710	Insert - Valve (2.375mm)	8	*	74-6940	Insert - Valve (2.950mm)	8
*	74-6720	Insert - Valve (2.400mm)	8	*	74-6950	Insert - Valve (2.975mm)	8
*	74-6730	Insert - Valve (2.425mm)	8	*	74-6960	Insert - Valve (3.000mm)	8

*Not Illustrated



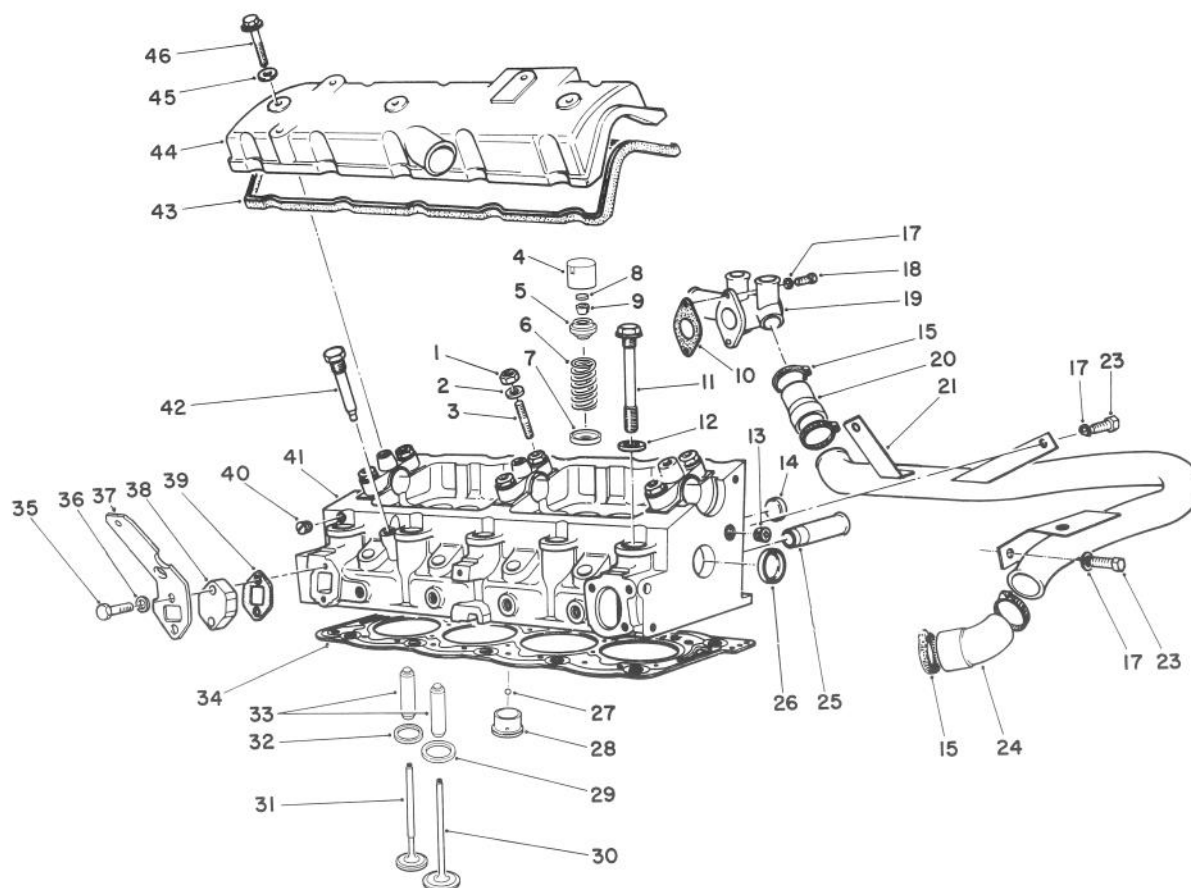
T-0965

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
8	74-6970	Insert - Valve (3.025mm)	8
*	74-6980	Insert - Valve (3.050mm)	8
*	74-6990	Insert - Valve (3.075mm)	8
*	74-7000	Insert - Valve (3.100mm)	8
*	74-7010	insert - Valve (3.125mm)	8
*	74-7020	Insert - Valve (3.150mm)	8
*	74-7030	Insert - Valve (3.175mm)	8
*	74-7040	Insert - Valve (3.200mm)	8
*	74-7050	Insert - Valve (3.225mm)	8
*	74-7060	Insert - Valve (3.250mm)	8
*	74-7070	Insert - Valve (3.275mm)	8
*	74-7080	Insert - Valve (3.300mm)	8
*	74-7090	Insert - Valve (3.325mm)	8
*	74-7100	Insert - Valve (3.350mm)	8
*	74-7110	Insert - Valve (3.375mm)	8
*	74-7120	Insert - Valve (3.400mm)	8
*	74-7130	Insert - Valve (3.425mm)	8
*	74-7140	Insert - Valve (3.450mm)	8
*	74-7150	insert - Valve (3.475mm)	8
*	74-7160	Insert - Valve (3.500mm)	8
*	74-7170	Insert - Valve (3.550mm)	8
*	74-7180	Insert - Valve (3.625mm)	8
*	74-7190	Insert - Valve (3.700mm)	8
*	74-7200	Insert - Valve (3.775mm)	8
*	74-7210	Insert - Valve (3.850mm)	8

Ref. No.	Part No.	Description	No. Used
8	74-7220	Insert - Valve (3.925mm)	8
*	74-7230	Insert - Valve (4.000mm)	8
9	74-7240	Collar - Split	16
10	74-7250	Gasket - Fitting	1
11	74-7260	Bolt - Head	10
12	74-7270	Washer - Flat	10
13	74-7280	Plug	2
14	74-7840	Plug	2
15	2412-119	Clamp - Hose	4
17	68-9420	Washer - Lock	5
18	48-9460	Screw - Cap Hex. Hd.	2
19	74-7340	Fitting - Coolant	1
20	74-7350	Hose	1
21	74-7360	Tube - Collector	1
23	48-7700	Screw - Cap Hex. Hd.	3
24	74-7390	Hose - Elbow	1
25	74-7400	Tube	1
26	74-7410	Plug	2
27	74-7420	Ball	4
28	74-7430	Chamber - Turbulence (32.45mm)	4
*	74-7440	Chamber - Turbulence (32.65mm)	4

*Not Illustrated

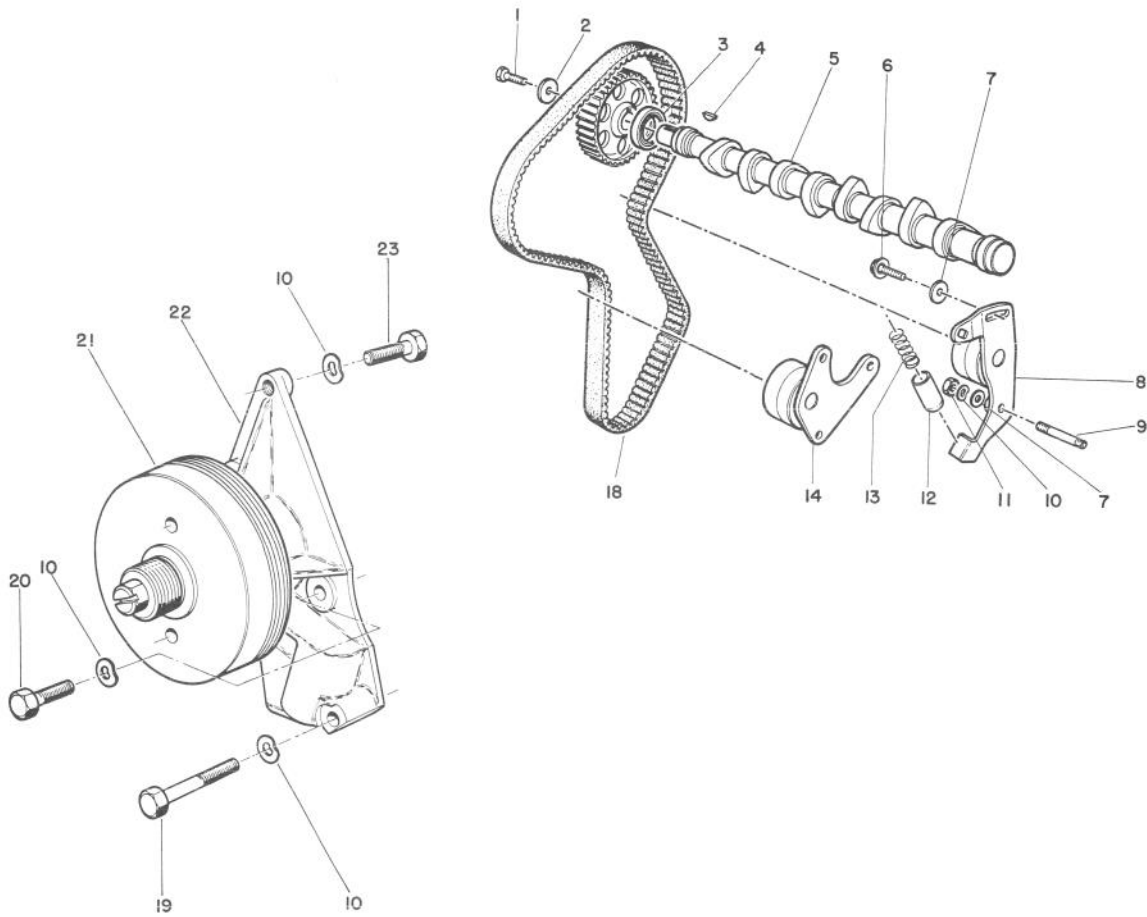


T-0965

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
29	74-7450	Seat - Intake Valve (39.3mm)	4	35	74-7550	Screw - Cap Hex. Hd.	2
*	74-7460	Seat - Intake Valve (39.5mm)	4	36	74-7560	Washer - Lock	2
30	74-7480	Valve - Intake	4	37	77-3890	Bracket - Hood Cable	1
31	74-7470	Valve - Exhaust	4	38	74-7580	Plate	1
32	74-7490	Seat - Exhaust Valve (34.3mm)	4	39	74-7590	Gasket	1
*	74-7500	Seat - Exhaust Valve (34.5mm)	4	40	74-7600	Plug	4
33	74-7510	Guide - Valve (14.29mm)	8	41	74-7610	Cylinder Head Assembly	1
*	74-7520	Guide - Valve (14.59mm)	8	42	74-7620	Plug	1
34	74-7530	Gasket - Head (1.61mm)	1	43	74-7630	Gasket - Valve Cover	1
*	74-7540	Gasket - Head (1.73mm)	1	44	74-7640	Cover - Valve	1
				45	74-7650	Washer - Flat	3
				46	48-7640	Bolt - Valve Cover	3
				*	74-7670	Head Bolt & Washer Set (Incl. Ref. #11 & 12)	1

*Not Illustrated

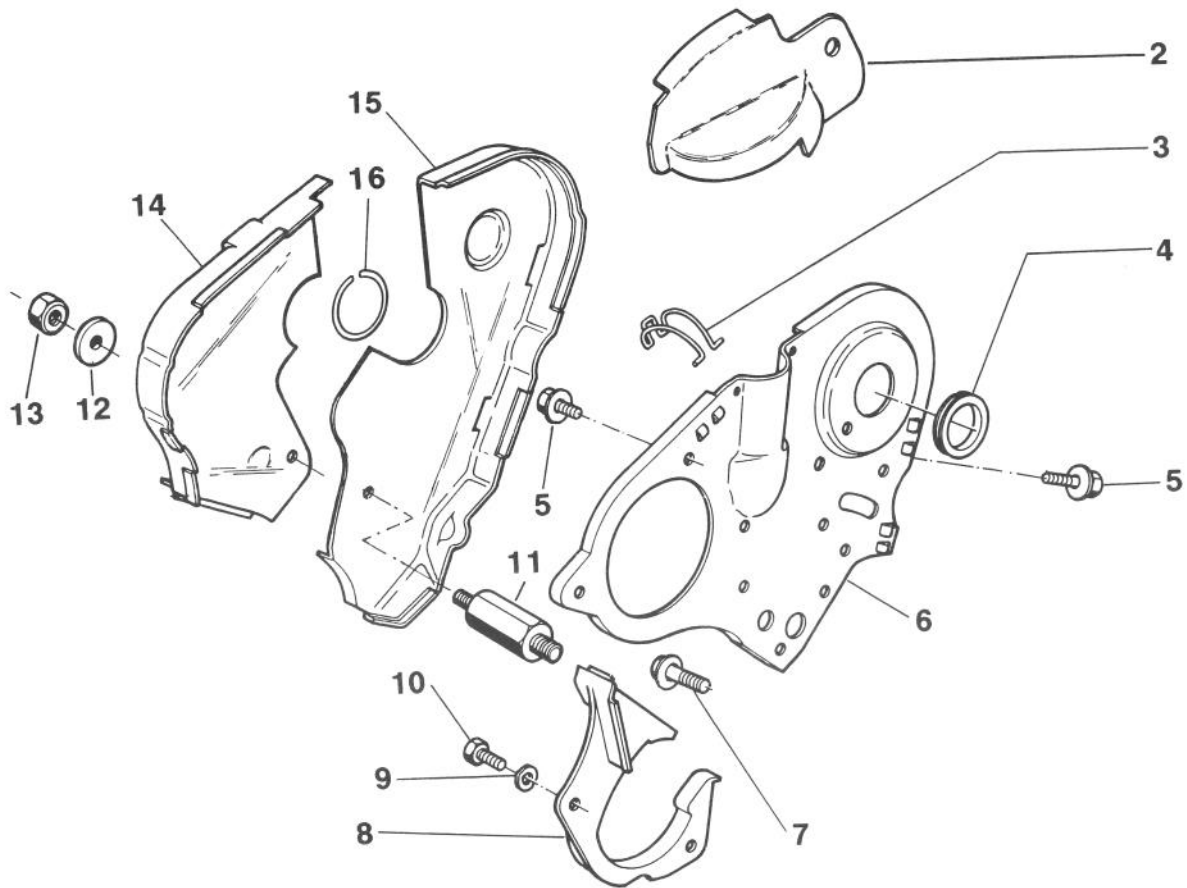


T-1105

CAMSHAFT & FAN SUPPORT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	77-3440	Screw	2
2	77-3450	Washer	2
3	77-3420	Gasket	2
4	77-3410	Key	1
5	77-3400	Camshaft	1
6	77-3460	Screw	1
7	74-8900	Washer - Flat	2
8	77-3540	Roller Assembly	1
9	74-6530	Stud	1
10	68-9420	Washer - Lock	6

Ref. No.	Part No.	Description	No. Used
11	46-0330	Nut - Lock	1
12	77-3520	Cup	1
13	77-3510	Spring	1
14	77-3500	Roller Assembly	1
18	77-3430	Belt	1
19	60-6700	Screw - Cap Hex. Hd.	1
20	77-3360	Screw	3
21	77-3380	Pulley	1
22	77-3390	Support	1
23	77-3370	Screw	1

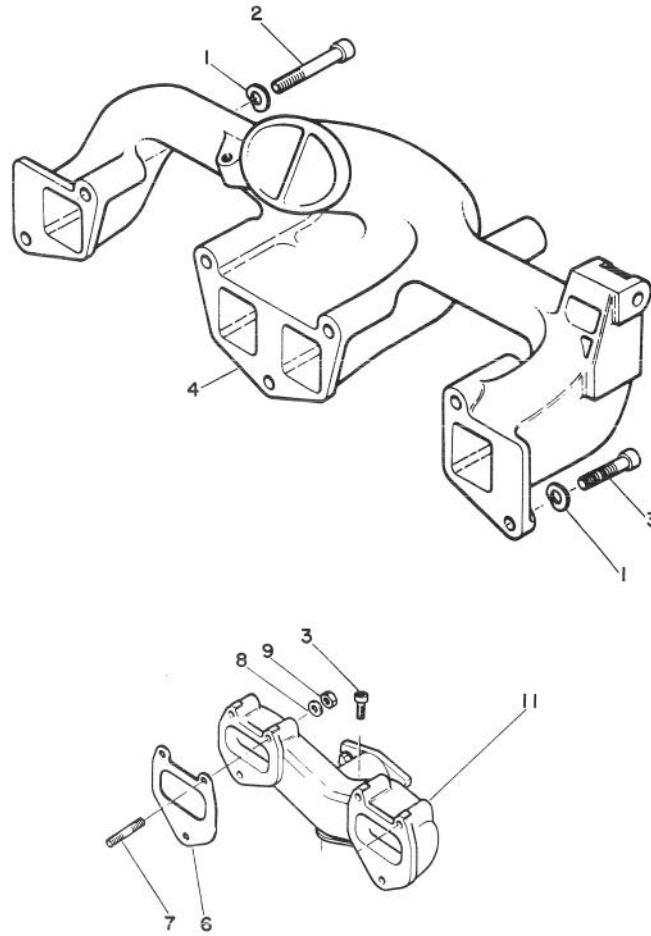


T-1115

BELT COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	77-3590	Shield	1
3	77-3830	Clip	4
4	77-3840	Grommet	1
5	48-7700	Screw - Hex. Washer Hd.	2
6	77-3800	Shield	1
7	48-9460	Screw - Hex. Washer Hd.	2
8	77-3810	Shield	1
9	74-7560	Washer - Spring	2

Ref. No.	Part No.	Description	No. Used
10	74-7910	Screw - Cap Hex. Hd.	2
11	77-3820	Support - Shield	1
12	77-3870	Washer - Flat	1
13	77-3860	Nut - Lock	1
14	77-3580	Shield	1
15	77-3570	Shield	1
16	77-3850	Ring - Snap	1

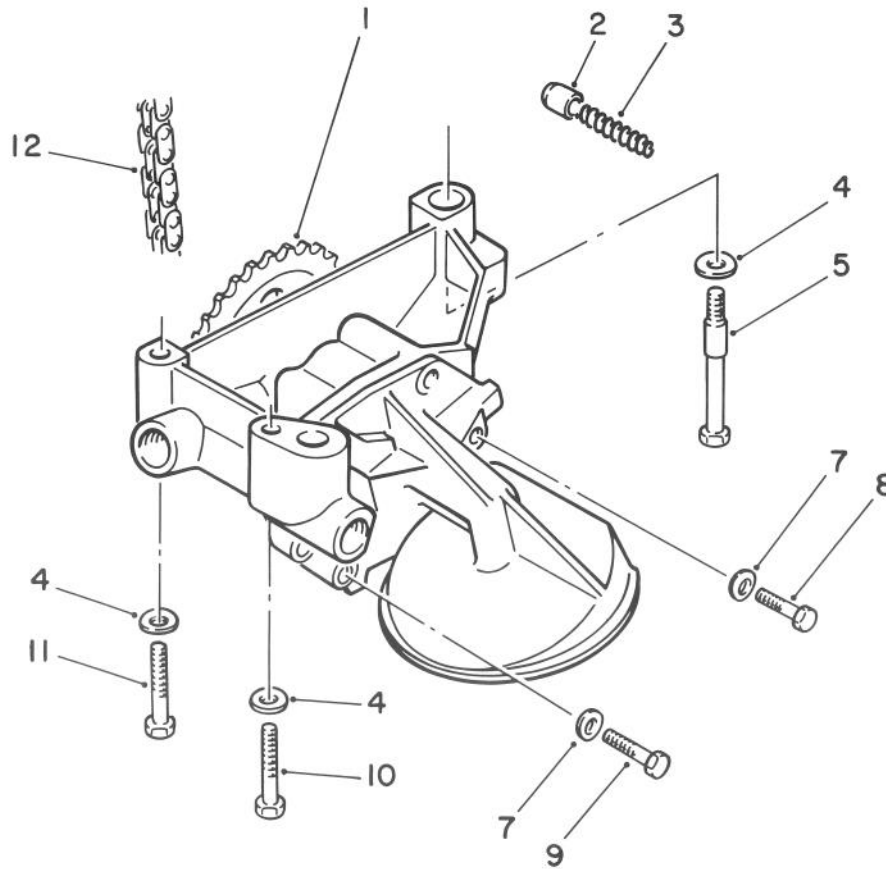


INTAKE & EXHAUST MANIFOLD ASSEMBLY

T-1107

Ref. No.	Part No.	Description	No. Used
1	68-9420	Washer - Spring	7
2	77-3280	Screw	5
3	77-3290	Screw	4
4	77-3270	Manifold - Intake	1
6	77-3310	Gasket	2

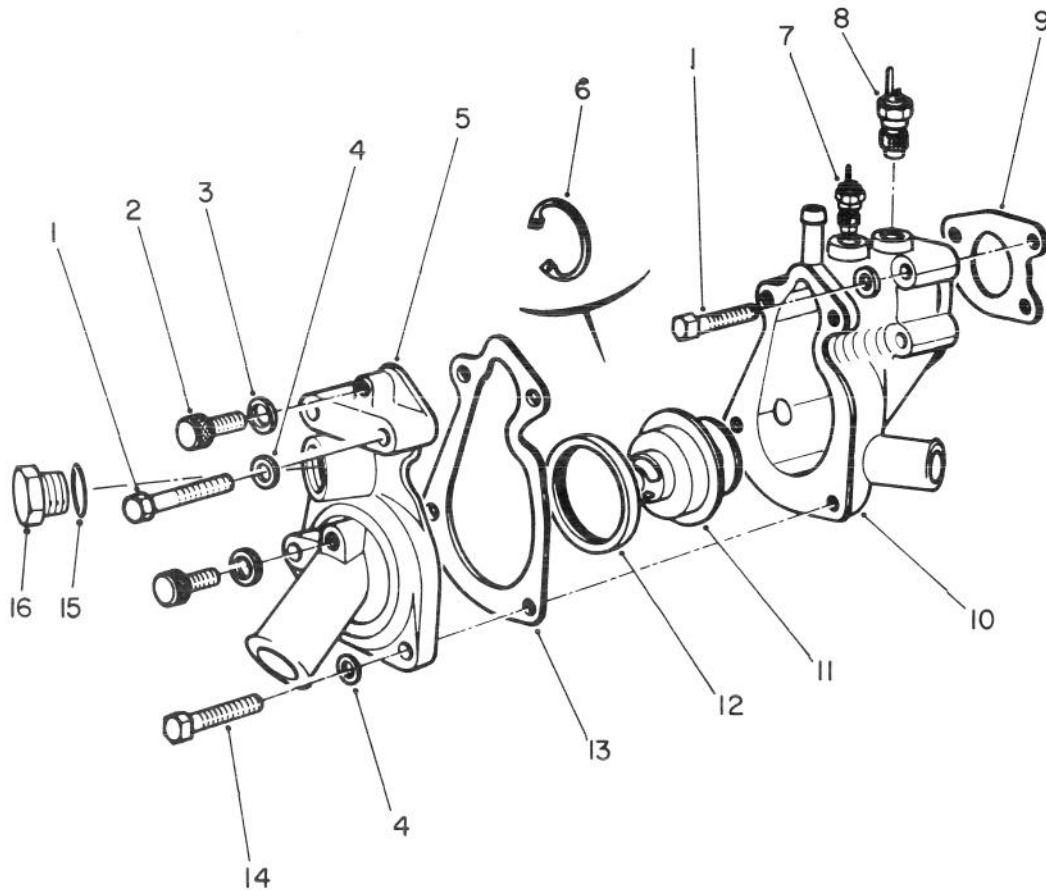
Ref. No.	Part No.	Description	No. Used
7	77-3300	Stud	6
8	68-9420	Washer - Lock	6
9	77-3320	Nut - Hex	6
11	77-3340	Manifold - Exhaust	1



T-0964

OIL PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-5070	Oil Pump Assembly	1	8	74-7910	Screw - Cap Hex. Hd.	2
2	76-5080	Piston	1	9	48-7640	Screw - Cap Hex. Hd.	3
3	76-5090	Spring - Piston	1	10	76-5150	Screw - Cap Hex. Hd.	1
4	68-9420	Washer - Spring	3	11	76-5160	Screw - Cap Hex. Hd.	1
5	76-5100	Bolt - Shoulder	1	12	76-5170	Chain - Pump Drive	1
7	74-7560	Washer - Spring	5				

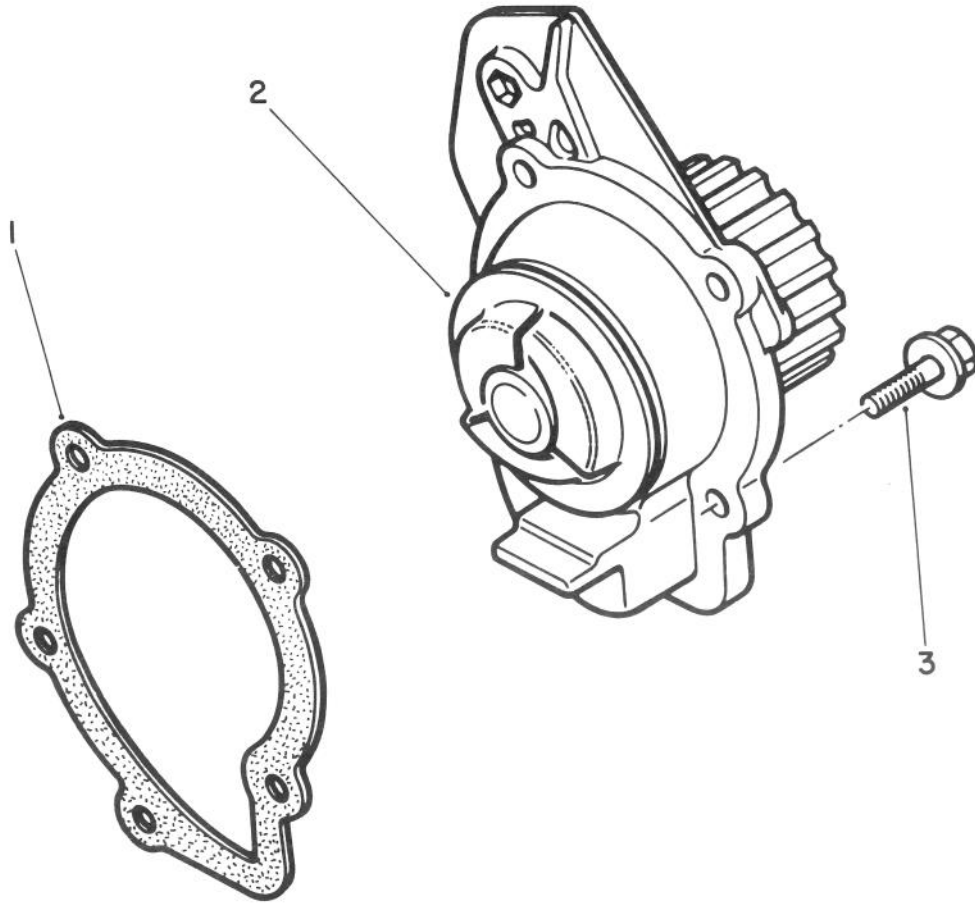


T-0974

COLLECTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-5330	Screw - Cap Hex. Hd.	2
2	76-5340	Plug - Drain	2
3	76-5350	Gasket - Drain Plug	2
4	74-7560	Washer - Spring	4
5	76-5360	Cover - Collector	1
6	76-5370	Ring - Retaining	1
7	76-5380	Temperature Sending Unit	1
8	76-5400	Switch - Temp. 105°C	1

Ref. No.	Part No.	Description	No. Used
9	76-5410	Gasket - Collector	1
10	76-5420	Housing - Collector	1
11	76-5430	Thermostat 81°C	1
12	76-5450	Gasket - Thermostat	1
13	76-5460	Gasket - Collector Housing	1
14	76-5470	Screw - Cap Hex. Hd.	2
15	74-8810	Gasket	1
16	74-8820	Plug	1

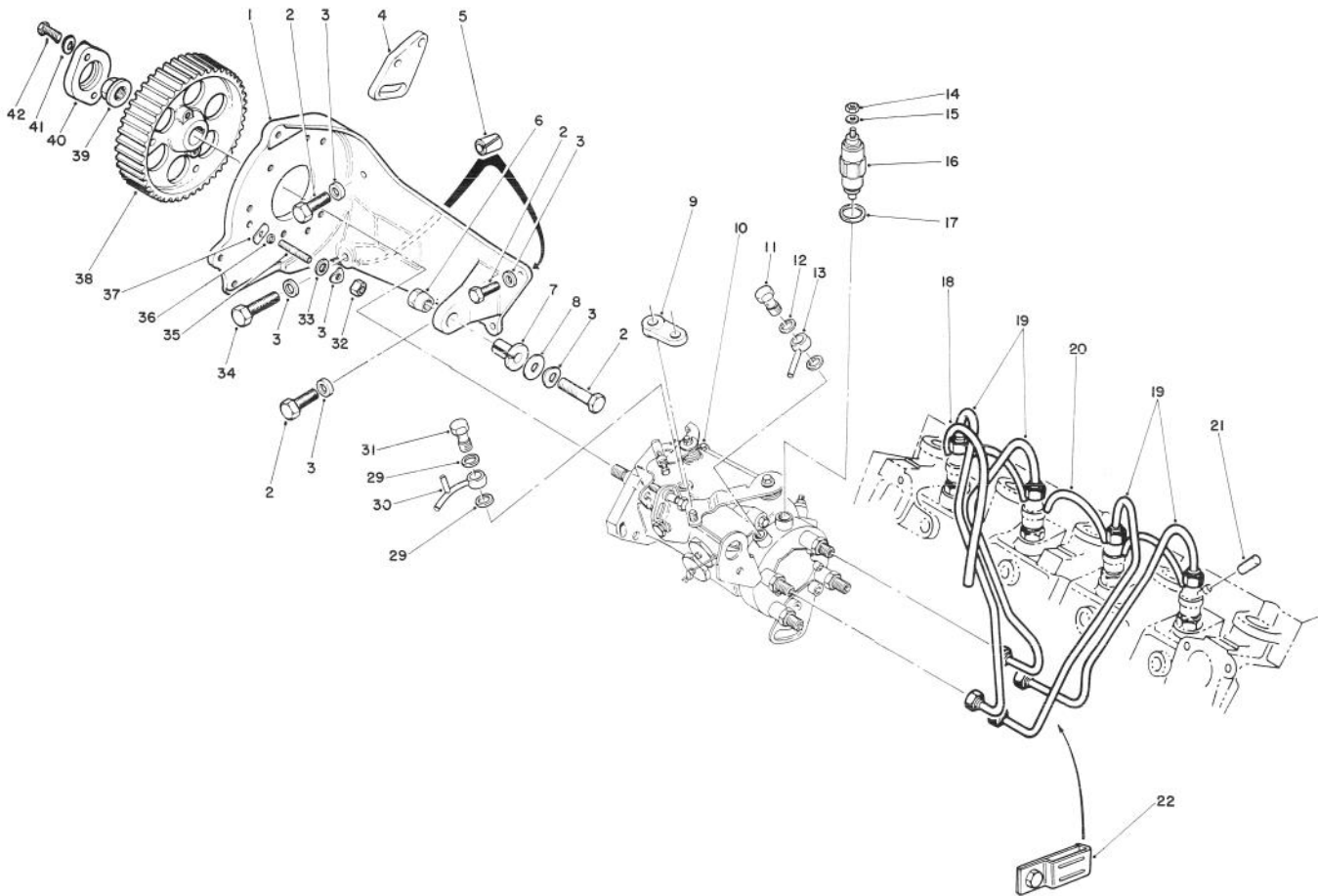


T-0970

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-5480	Gasket - Water Pump	1
2	76-5490	Water Pump Assembly (Incl. Ref. #1)	1

Ref. No.	Part No.	Description	No. Used
3	76-5500	Screw - Cap Hex. Hd.	5



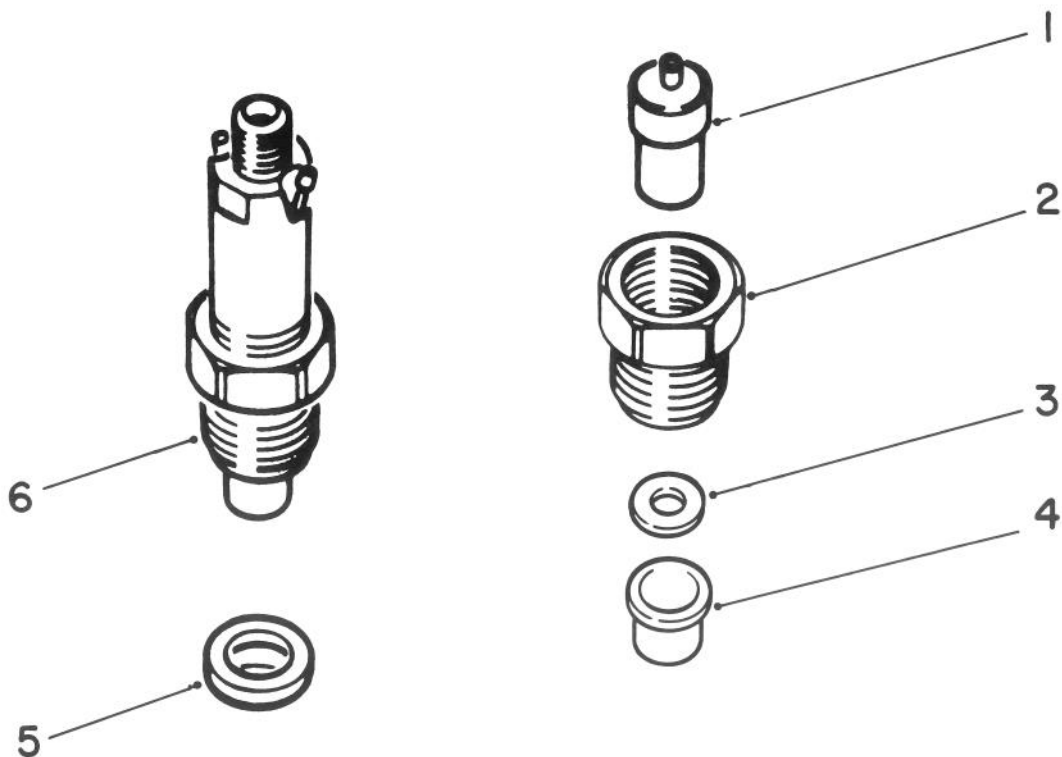
T-0969

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74-8580	Bracket - Pump	1
2	60-6760	Screw - Cap Hex. Hd.	4
3	68-9420	Washer - Spring	8
4	74-8600	Bracket - Pump	1
5	74-8610	Pin - Spring	1
6	74-8620	Nut - Conical	1
7	74-8630	Bushing - Flange	1
8	74-8640	Washer - Flat	1
9	74-8650	Pacer	1
10	74-8660	Injection Pump Assembly	1
11	74-8670	Fuel Inlet Assembly (Incl. Ref. #13)	1
12	74-8680	Gasket	2
13		Banjo - Fuel Inlet	1
14	48-7880	Nut	1
15	74-8710	Washer	1
16	74-8720	Stop Valve Assembly	1
17	74-8730	Ring - Seal	1
18	74-8740	Tube - Pump Return	1
19	74-8750	Injection Tube Set	1

Ref. No.	Part No.	Description	No. Used
20	74-8760	Hose - Rubber	3
21	74-8770	Plug	1
22	74-8780	Clamp - Plastic	1
*	74-8790	Clamp - Metal	1
29	74-8870	Gasket	2
30		Banjo - Fuel Outlet	1
31	74-8890	Fuel Outlet Assembly (Incl. Ref. #30)	1
32	46-0330	Nut	3
33	74-8900	Washer - Flat	1
34	60-6700	Screw - Cap Hex. Hd.	1
35	76-4910	Stud	3
36	68-9420	Washer - Lock	3
37	76-4930	Washer	3
38	76-4940	Pulley - Pump	1
39	76-4950	Nut - Flange	1
40	76-4960	Flange	1
41	74-7560	Washer - Spring	2
42	74-8130	Screw - Cap Hex. Hd.	2

*Not Illustrated

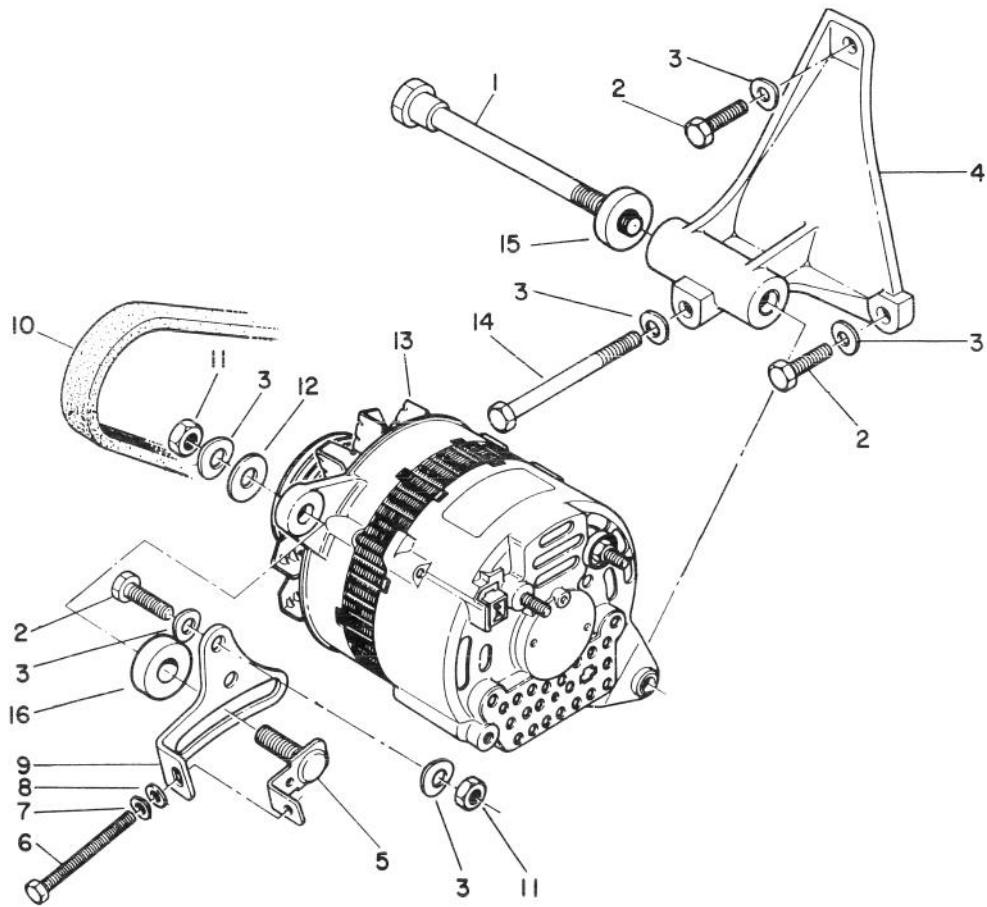


T-0971

FUEL INJECTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-5510	Injector - Fuel	4
2	76-5520	Holder - Fuel Injector	4
3	76-5530	Washer	4
4	76-5540	Bushing - Injector	4

Ref. No.	Part No.	Description	No. Used
5	76-5550	Gasket - Fuel Injector	4
6	76-5560	Fuel Injector Assembly (Incl. Ref. #1-5)	4

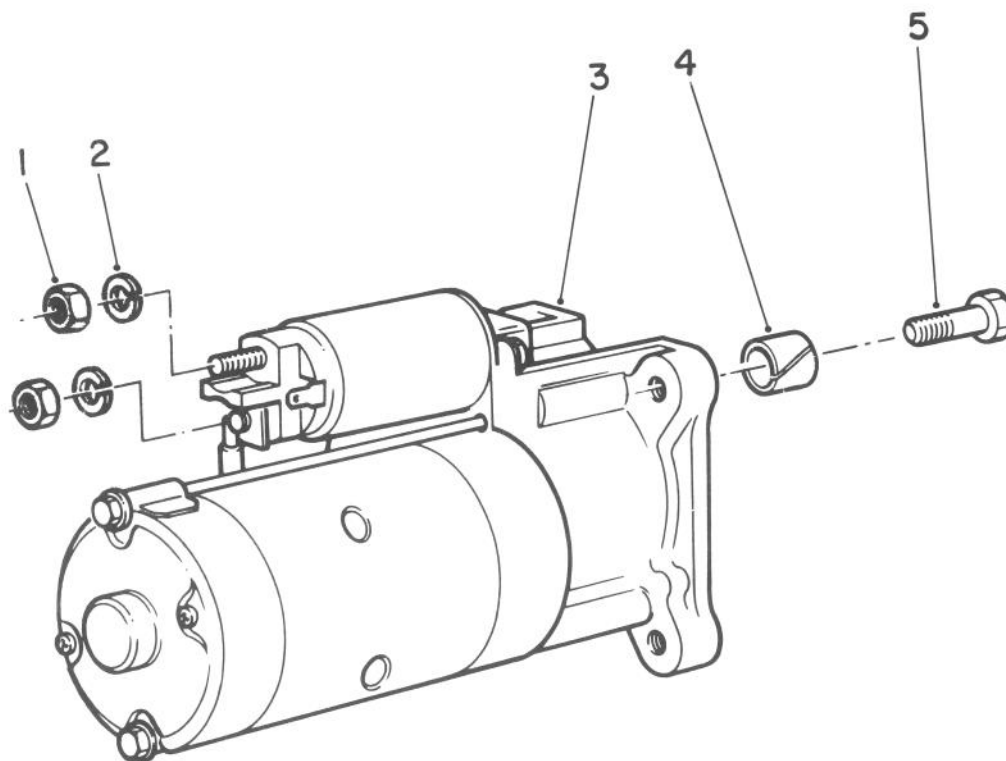


T-0967

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-4970	Screw - Shoulder	1
2	48-9460	Screw - Cap Hex. Hd.	3
3	68-9420	Washer - Spring	6
4	76-4980	Bracket - Mounting	1
5	76-4990	Bolt - Slide	1
6	76-5000	Bolt - Adjusting	1
7	76-5010	Washer - Spring	1
8	76-5020	Washer - Flat	1

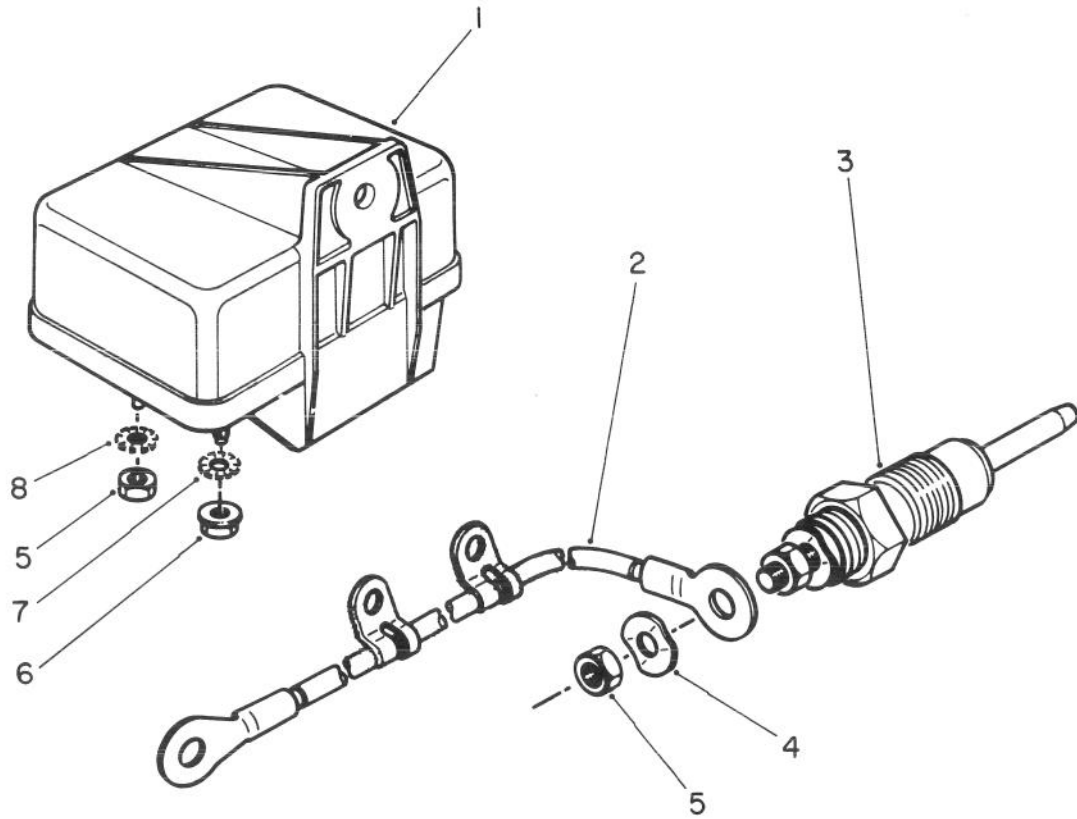
Ref. No.	Part No.	Description	No. Used
9	76-5030	Bracket - Slide	1
10	76-5040	Belt - V	1
11	46-0330	Nut - Hex.	2
12	74-8640	Washer - Flat	1
13	76-5050	Alternator	1
14	76-5060	Screw - Cap Hex. Hd.	1
15	77-3260	Washer	1
16	77-3250	Washer	1



T-0968

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	46-0330	Nut-Hex	2	4	76-5590	Sleeve - Spring	1
2	76-5570	Washer-Lock	2	5	48-7810	Screw-Mounting	3
3	76-5580	Starter	1				

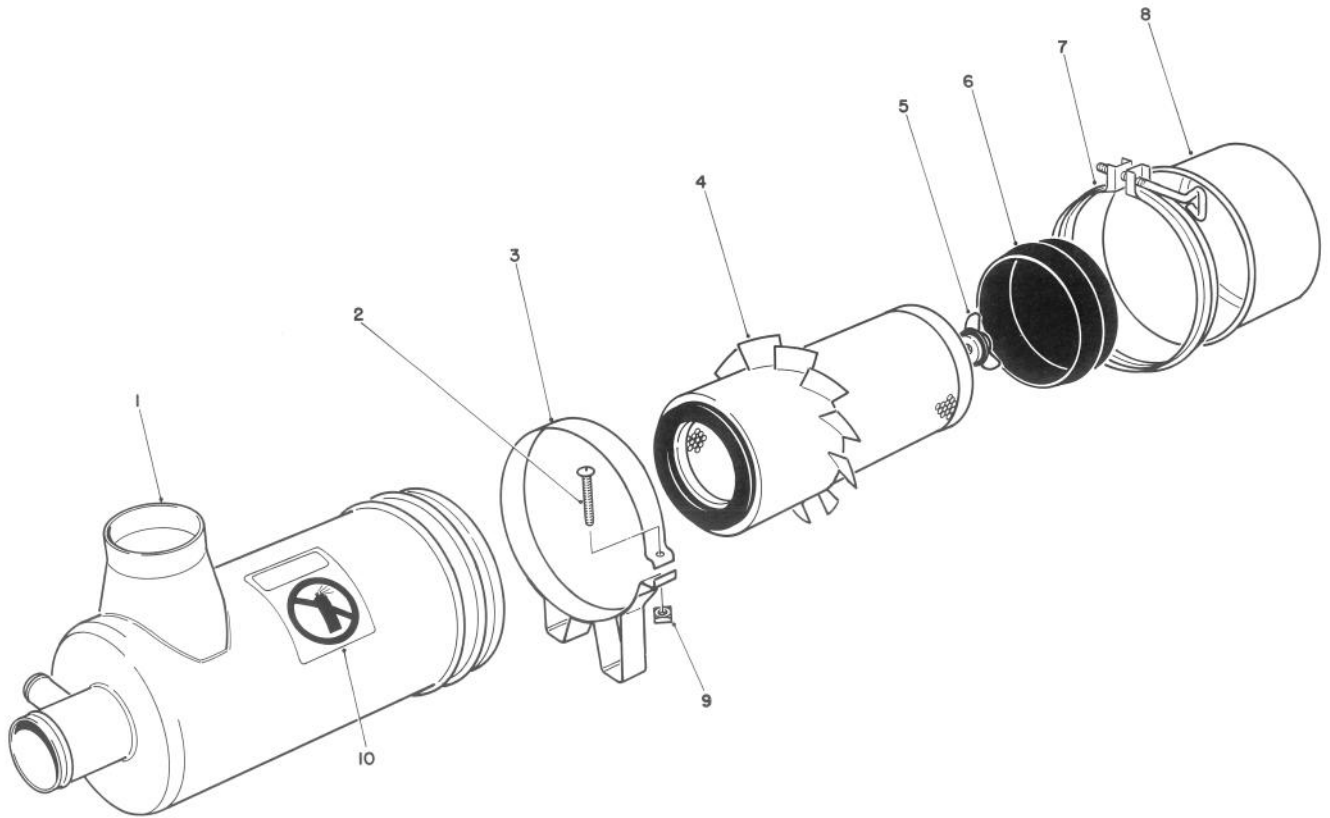


T-0972

GLOW PLUG & GLOW RELAY

Ref. No.	Part No.	Description	No. Used
1	76-5260	Relay - Glow Plug	1
2	76-5270	Cable - Glow Plug	4
3	76-5280	Plug - Glow	4
4	76-5290	Washer - Spring	4

Ref. No.	Part No.	Description	No. Used
5	48-7880	Nut - Hex.	5
6	65-7980	Nut - Hex. Flange	1
7	76-5310	Washer - E.T.L.W.	1
8	74-8710	Washer - E.T.L.W.	1

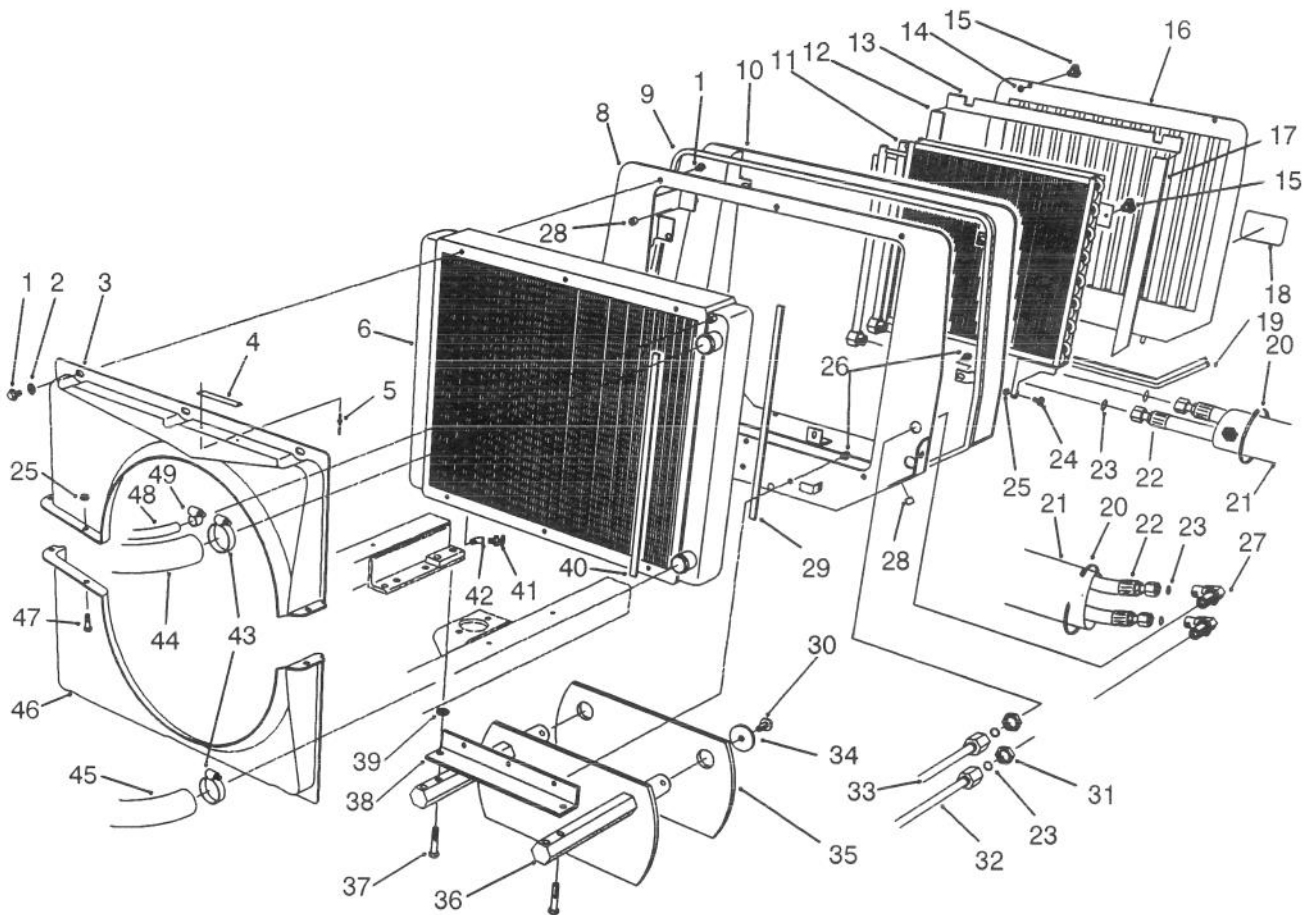


T-1113

AIR CLEANER NO. 74-6000

Ref. No.	Part No.	Description	No. Used
1	74-6000	Air Cleaner Assembly (Incl. Ref. #4-8)	1
2	3258-19	Screw - Rd. Head Machine	2
3	27-7170	Band Assembly (Incl. Ref. 2 & 9)	1
4	27-7110	Element Assembly	1

Ref. No.	Part No.	Description	No. Used
5	27-7120	Nut & Gasket Assembly	1
6	27-7140	Skirt - Baffle	1
7	27-7130	Clamp Assembly	1
8	27-7150	Cap Assembly	1
9	32107-11	Nut	2
10	76-8770	Decal - Caution	1

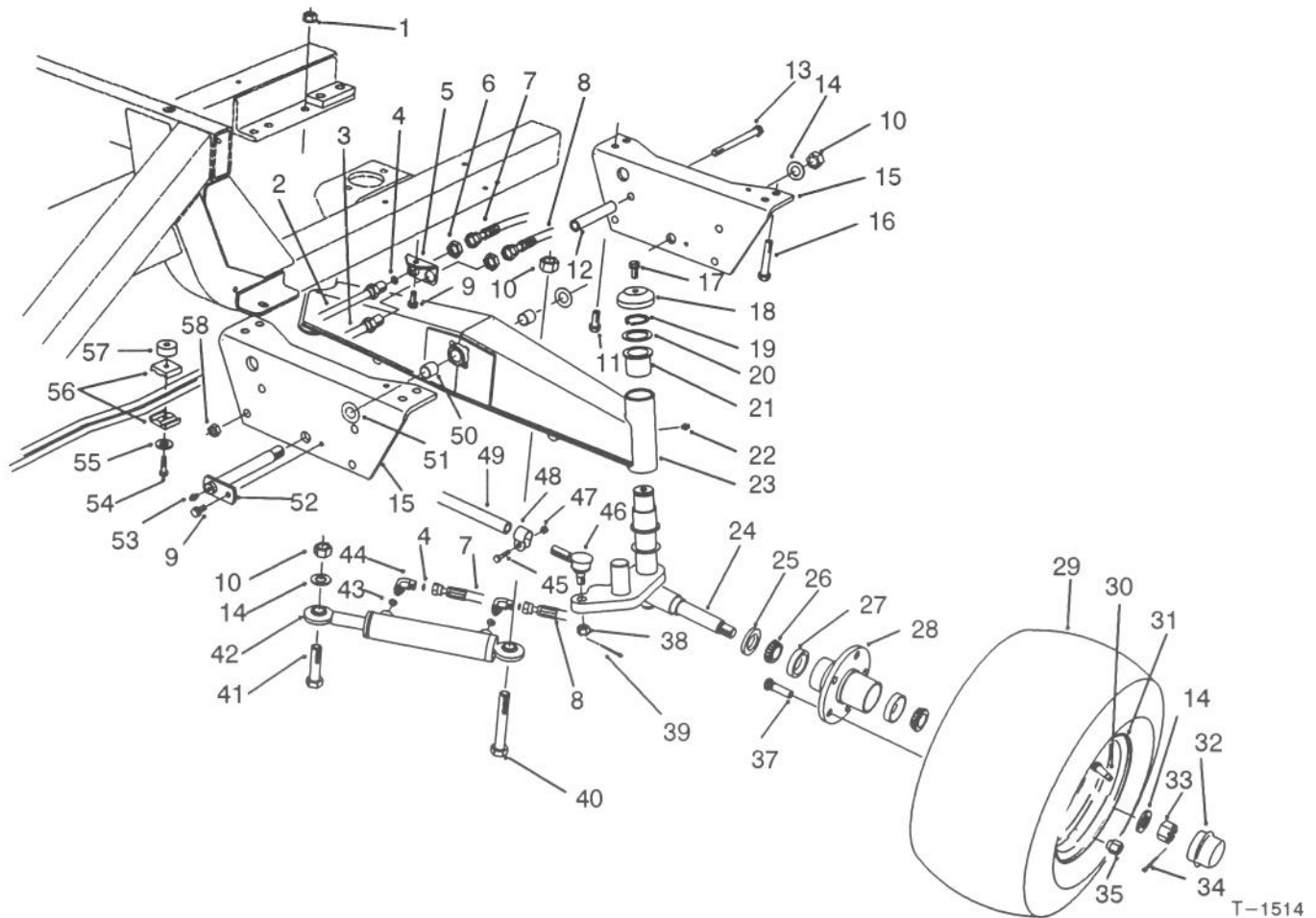


T-1518

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-14	Screw - Hex. Flange Hd.	12
2	3256-23	Washer - Flat	6
3	74-4980	Shroud - Fan Upper	1
4	76-8750	Plate - Caution	1
5	3290-271	Rivet - Pop	2
6	74-3410	Radiator	1
8	14-0939	Radiator Mount Assembly (Incl. Ref. #28)	1
9	76-6363	Moulding - Inner	1
10	76-6800	Chamber	1
11	82-3740	Oil Cooler Assembly (Incl. Ref. #21)	1
12	82-3640	Foam - Screen R.H.	1
13	82-3650	Foam - Screen Top	1
14	32151-72	Retainer - Push-On	4
15	77-3620	Retainer - Cover	4
16	82-3730	Screen - Radiator	1
17	82-3630	Foam - Screen L.H.	1
18	67-1300	Decal - TORO	1
19	76-6362	Moulding - Outer	1
20	3290-379	Tie - Cable	2
21	70-1380	Sleeve - Protective	1
22	76-9540	Hose - Hydraulic	2
23	237-65	O-Ring	6
24	37-8770	Screw - Hex. Washer Hd.	2
25	3296-47	Nut - Lock	5

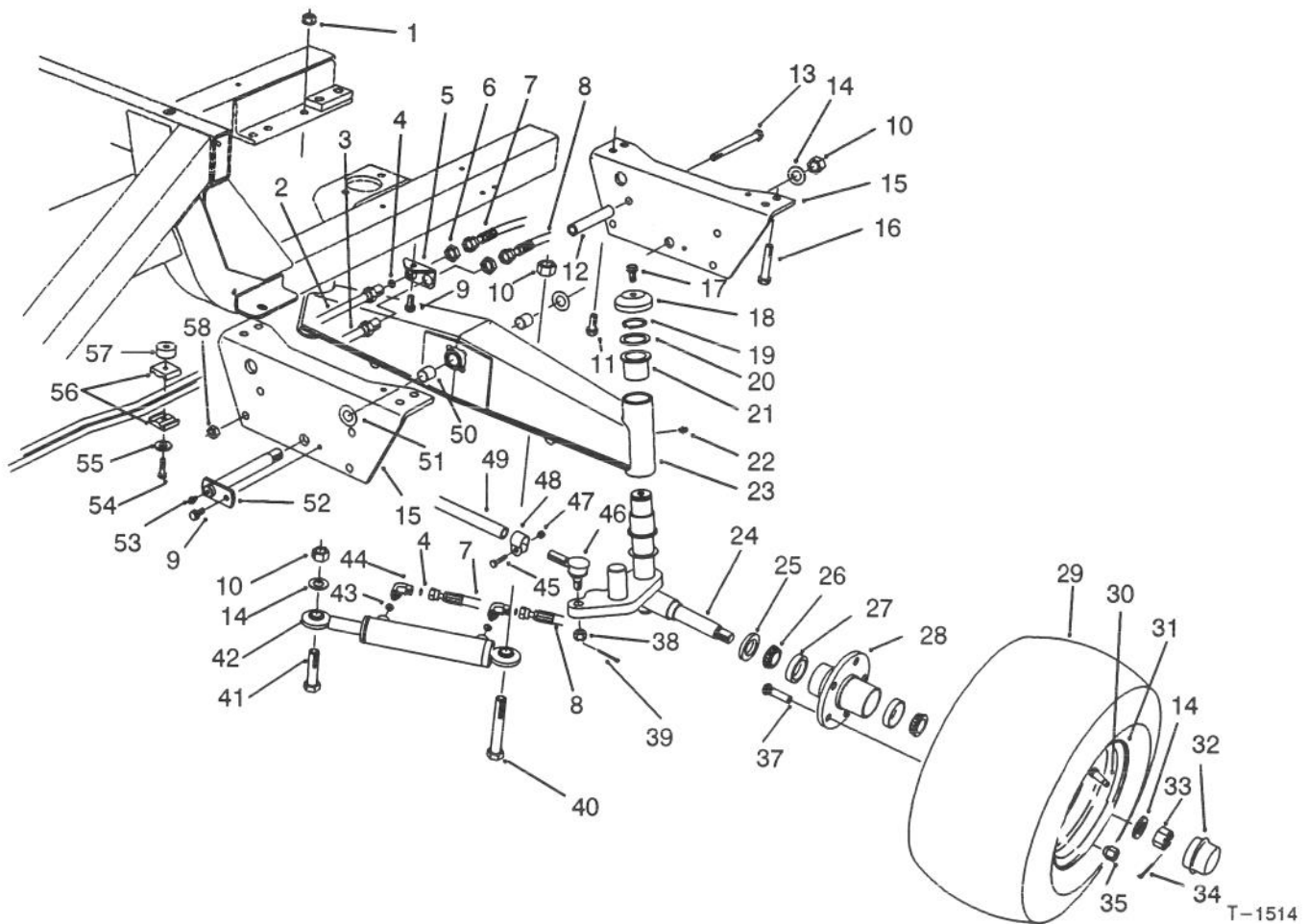
Ref. No.	Part No.	Description	No. Used
26	3234-12	Screw - Hex. Washer Hd.	7
27	340-72	Fitting - Hydraulic 90° (Incl. Ref. #23)	2
28	32148-10	Insert - Threaded	10
29	76-6381	Seal - Strip	2
30	3234-32	Screw - Hex. Flange Hd.	2
31	340-74	Nut - Bulkhead	2
32	86-5800	Assembly - Tube	1
33	74-6400	Assembly - Tube	1
34	88-1360	Washer	2
35	88-1220	Weight - Rear	11
36	88-1210	Weight W.A. - Rear	1
37	325-11	Screw - Cap Hex. Hd.	2
38	74-5460	Angle Radiator Support	1
39	3256-26	Washer - Flat	2
40	76-6382	Seal - Strip	2
41	304-46	Drain Cock	1
42	2811-1	Fitting - 45° Elbow	1
43	2412-3	Clamp - Hose	2
44	74-5930	Hose - Radiator, Upper	1
45	74-6020	Hose - Radiator, Lower	1
46	74-4990	Shroud - Fan, Bottom	1
47	322-3	Screw - Cap Hex. Hd.	3
48	74-9120	Hose - Expansion Tank	1
49	2412-108	Clamp - Hose	1



REAR AXLE ASSEMBLY (Model No. 30450)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32128-23	Nut - Flange Lock	2	22	302-11	Fitting - Grease	2
2	86-5780	Tube - Hydraulic L.H. (Incl. Ref. #4)	1	23	74-5000	Rear Axle Assembly (Incl. Ref. #21-22 & 50))	1
3	86-5790	Tube - Hydraulic R.H. (Incl. Ref. #4)	1	24	74-5330	Spindle - L.H.	1
4	237-22	Seal - O-Ring	4	*	74-5350	Spindle - R.H.	1
5	74-6450	Bracket - Bulkhead	1	25	253-129	Seal - Inner	2
6	340-70	Nut - Bulkhead	2	26	254-94	Cone - Bearing	4
7	86-3130	Hose - Hydraulic Rod End	1	27	254-72	Cup - Bearing	4
8	86-3120	Hose - Hydraulic Cap End	1	28	21-2820	Hub - Wheel (Incl. Ref. #27 & 37)	2
9	32144-11	Screw - Hex. Flange Hd.	2	29	86-5910	Tire	2
10	3296-51	Nut - Lock	3	30	232-27	Stem - Valve	2
11	3234-32	Screw - Hex. Flange Hd.	2	31	217-125	Rim	2
12	78-8350	Stop - Axle	2	32	241-119	Cap - Hub	2
13	325-20	Screw - Cap Hex. Hd.	2	33	32136-13	Nut - Slotted	2
14	3256-28	Washer - Flat	4	34	3272-13	Pin - Cotter	2
15	84-1170	Plate - Axle, Pivot	2	35	242-50	Nut - Lug	10
16	325-11	Screw - Cap Hex. Hd.	2	37	10-6830	Stud - Drive	10
17	3234-12	Screw - Cap Hex. Hd.	2	38	32136-13	Nut - Slotted	2
18	69-8890	Cap - Spindle	2	39	3272-12	Pin - Cotter	2
19	32151-10	Ring - Retaining	2	40	76-8990	Bolt - Cylinder	1
20	62-2170	Washer - Thrust	4	41	328-25	Screw - Cap Hex. Hd.	1
21	69-6470	Bushing - Flange	4	42	88-1250	Hydraulic Cylinder Assy.	1

*Not Illustrated

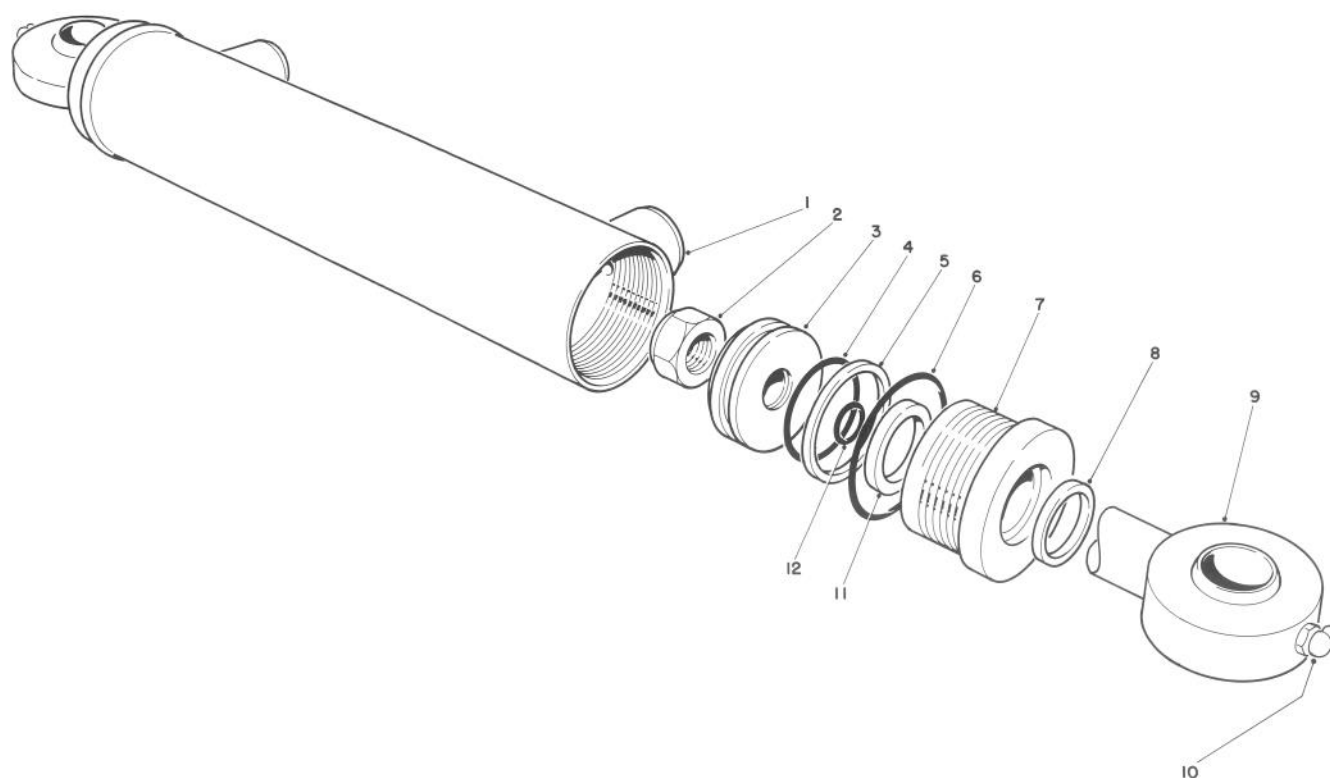


REAR AXLE ASSEMBLY (Model No. 30450) (Cont.)

Ref. No.	Part No.	Description	No. Used
43	237-78	Seal - O-Ring	2
44	340-97	Fitting - Hydraulic 90° (Incl. Ref. #4 & 43)	2
45	3210-5	Screw - Cap Hex. Hd.	2
46	2411-46	Joint - Ball L.H. (Incl. Ref. #38)	1
*	2411-45	Joint - Ball R.H. (Incl. Ref. #38)	1
47	32152-5	Nut - Lock	2
48	2412-122	Clamp Assembly (Incl. Ref. #45 & 47)	2
49	2412-123	Tie Rod Assembly (Incl. Ref. #46-48)	1

Ref. No.	Part No.	Description	No. Used
50	76-4260	Bushing - Sleeve	2
51	76-6570	Washer - Thrust	2
52	74-5250	Pin - Axle Pivot	1
53	302-2	Fitting - Grease	1
54	32104-37	Screw - Cap Hex. Hd.	1
55	3256-23	Washer - Flat	1
56	56-7973	Clamp - Tube	2
57	80-8660	Spacer	1
58	3296-45	Nut - Lock	2
*	86-2820	Assembly - Wheel (Incl. Ref. #29-31)	1

*Not Illustrated

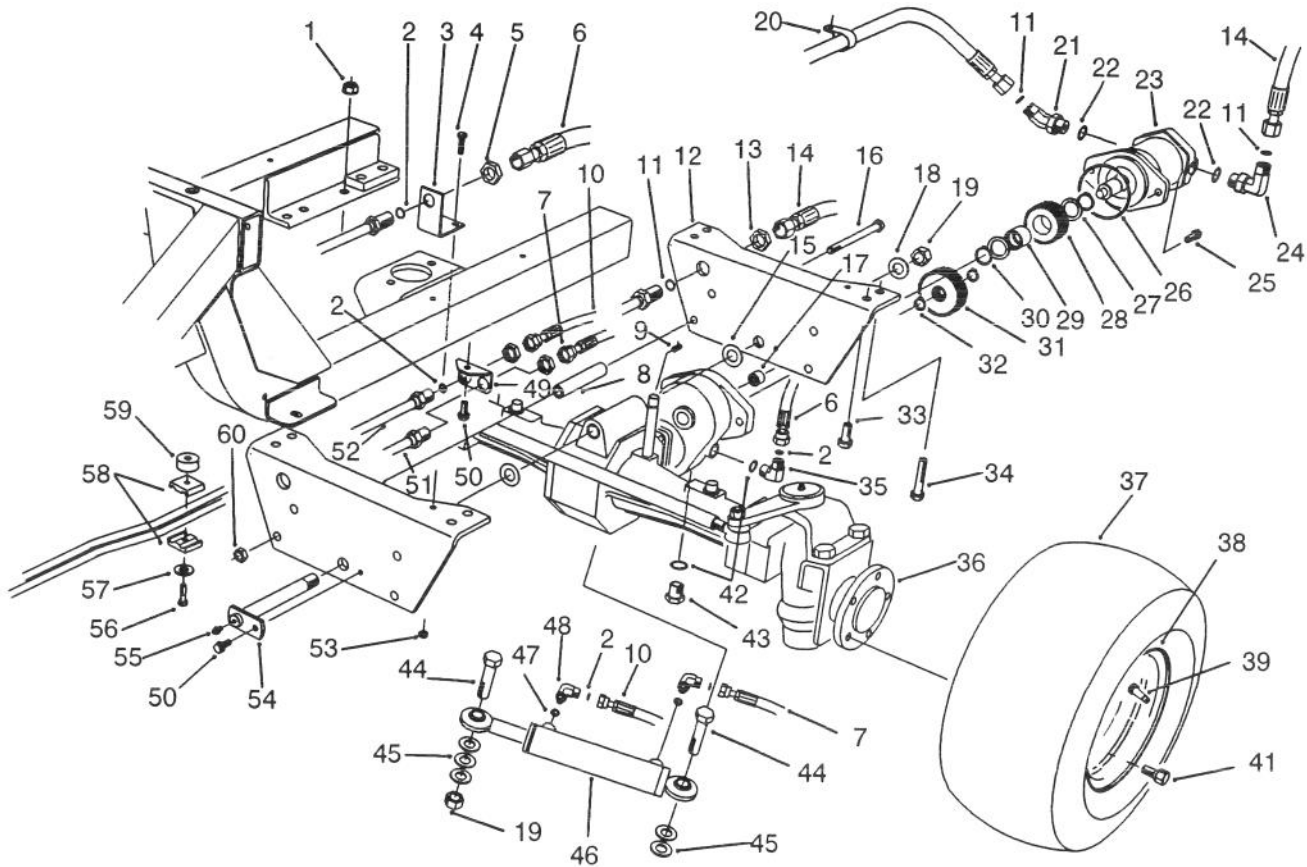


T-0994

HYDRAULIC CYLINDER NO. 88-1250 (Model No. 30450)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	74-9730	Butt & Tube Assy. (Incl. Ref. #10)	1	8	88-3720	Wiper	1
2	88-3690	Nut-Lock	1	9	88-3660	Rod-Piston (Incl. Ref. #10)	1
3	88-3670	Piston	1	10		Fitting-Grease	2
4	74-9780	O-Ring	1	11	88-3700	U-Cup	1
5	74-9800	Seal-Teflon	1	12	74-9770	O-Ring	1
6	74-9790	O-Ring	1	*	88-3720	Seal Kit (Incl. Ref. #4-6, 8, 11 & 12)	1
7	88-3680	Gland	1				

*Not Illustrated

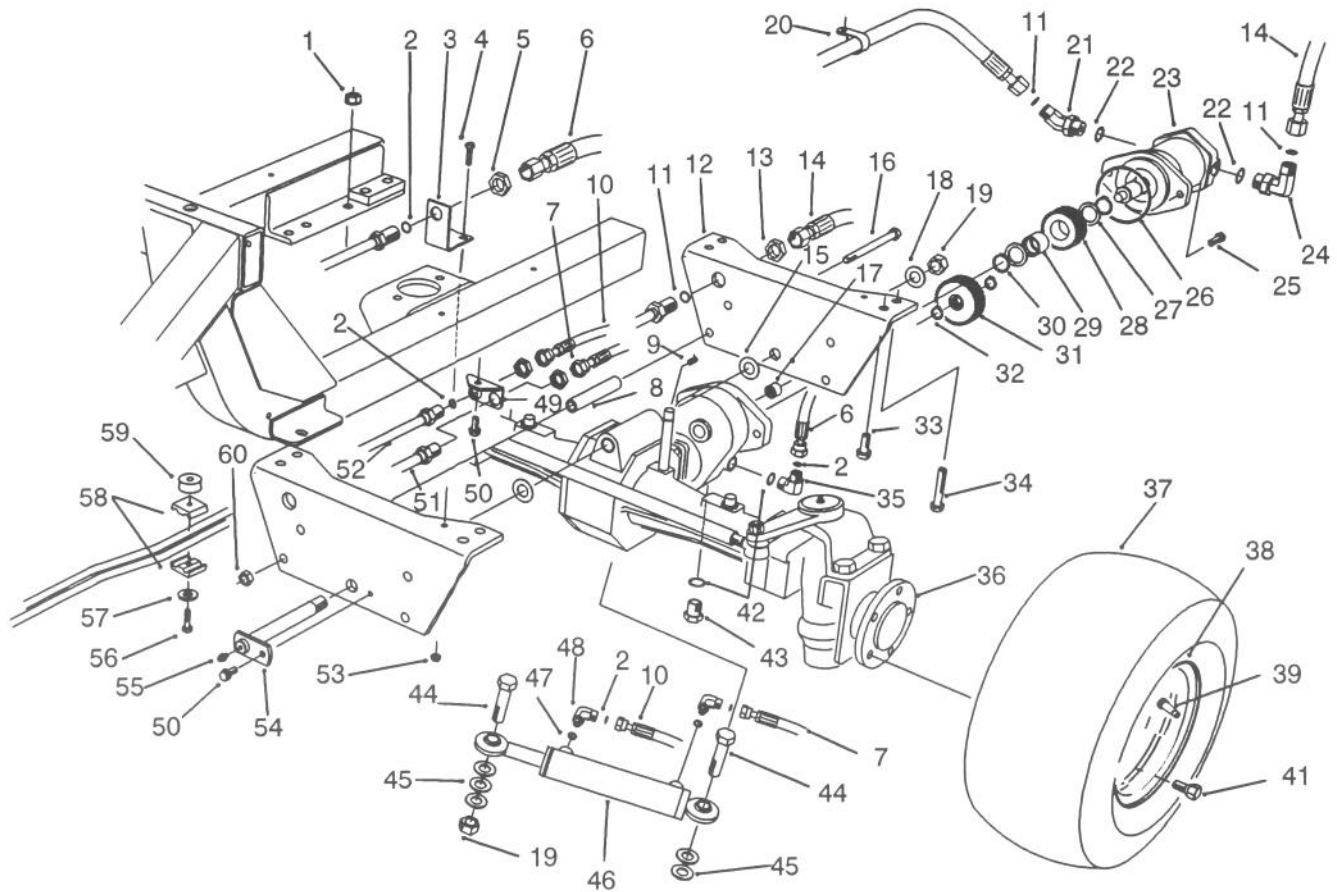


T-1515

REAR AXLE ASSEMBLY (Model No. 30455)

Ref. No.	Part No.	Description	No. Used
1	32128-23	Nut - Flange Lock	2
2	237-22	Seal - O-Ring	6
3	76-9290	Bracket - Bulkhead	1
4	3234-4	Screw - Cap Hex. Hd.	1
5	340-70	Nut - Bulkhead	3
6	86-3140	Hose - Hydraulic	1
7	76-8200	Assy. - Hose	1
8	76-8350	Stop - Axle	2
9	3247-2	Screw - Set	1
10	76-9590	Assy. Hose	1
11	237-65	O-Ring	9
12	84-1170	Plate - Axle	2
13	340-74	Nut - Bulkhead	1
14	86-2730	Hose - Hydraulic	1
15	76-6570	Washer - Thrust	2
16	325-20	Screw - Cap Hex. Hd.	2
17	74-5700	Bearing - Needle	1
18	3256-28	Washer - Flat	1
19	3296-81	Nut - Lock	2
20	2412-74	Clamp - R	1
21	237-166	O-Ring	1
22	237-81	O-Ring	2
23	76-6580	Motor - Hydraulic	1

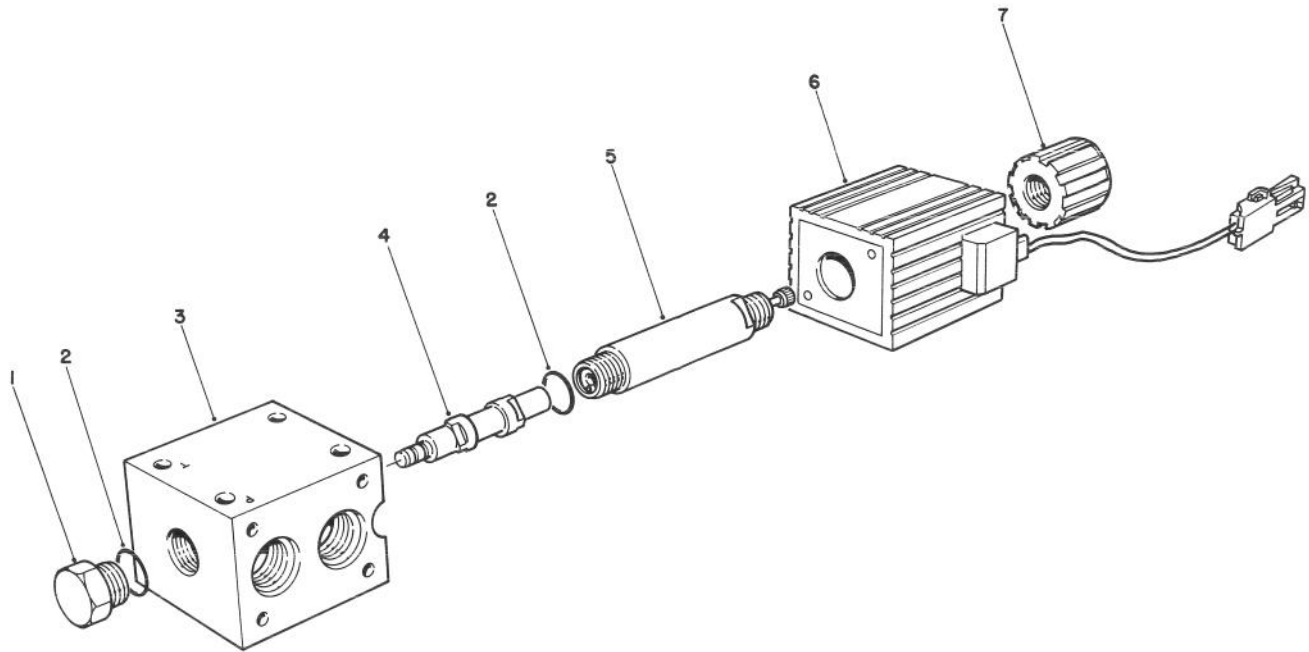
Ref. No.	Part No.	Description	No. Used
24	340-139	Fitting - Hydraulic 90° (Incl. Ref. #11 & 22)	1
25	325-4	Screw - Cap Hex. Hd.	2
26	237-166	O-Ring	1
27	71-4590	Washer - Thrust	2
28	76-4200	Gear - Motor	1
29	71-4580	Roller - Clutch	1
30	32151-96	Ring - Retaining	2
31	76-4190	Gear - Axle	1
32	32120-15	Ring - Retaining	2
33	3234-32	Screw - Hex. Flange Hd.	2
34	325-11	Screw - Cap Hex. Hd.	2
35	340-77	Fitting - Hydraulic	1
36	74-5620	Axle - 4WD	1
37	86-5910	Tire	2
38	217-125	Rim	2
39	232-77	Stem - Valve	2
41	74-5500	Bolt - Wheel	10
42	237-42	O-Ring	2
43	353-508	Plug	1
44	328-25	Screw - Cap Hex. Hd.	2
45	67-9410	Washer - Flat	5
46	74-3450	Cylinder - Hydraulic	1



T-1515

REAR AXLE ASSEMBLY (Model No. 30455) (Cont.)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
47	237-78	O-Ring	2	54	74-5250	Pin - Axle Pivot	1
48	340-97	Fitting - Hydraulic 90° (Incl. Ref. #2 & 47)	2	55	302-2	Fitting - Grease	1
49	74-6450	Bracket - Bulkhead	1	56	32104-37	Screw - Cap Hex. Hd.	1
50	32144-11	Screw - Hex. Washer Hd.	2	57	3256-23	Washer - Flat	1
51	86-5790	Assy. - Tube, LH Rear	1	58	56-7973	Clamp - Hose	2
52	86-5780	Assy. - Tube, RH Rear	1	59	80-8660	Spacer	1
53	32128-33	Nut - Flange Lock	1	60	3296-45	Nut - Lock	2

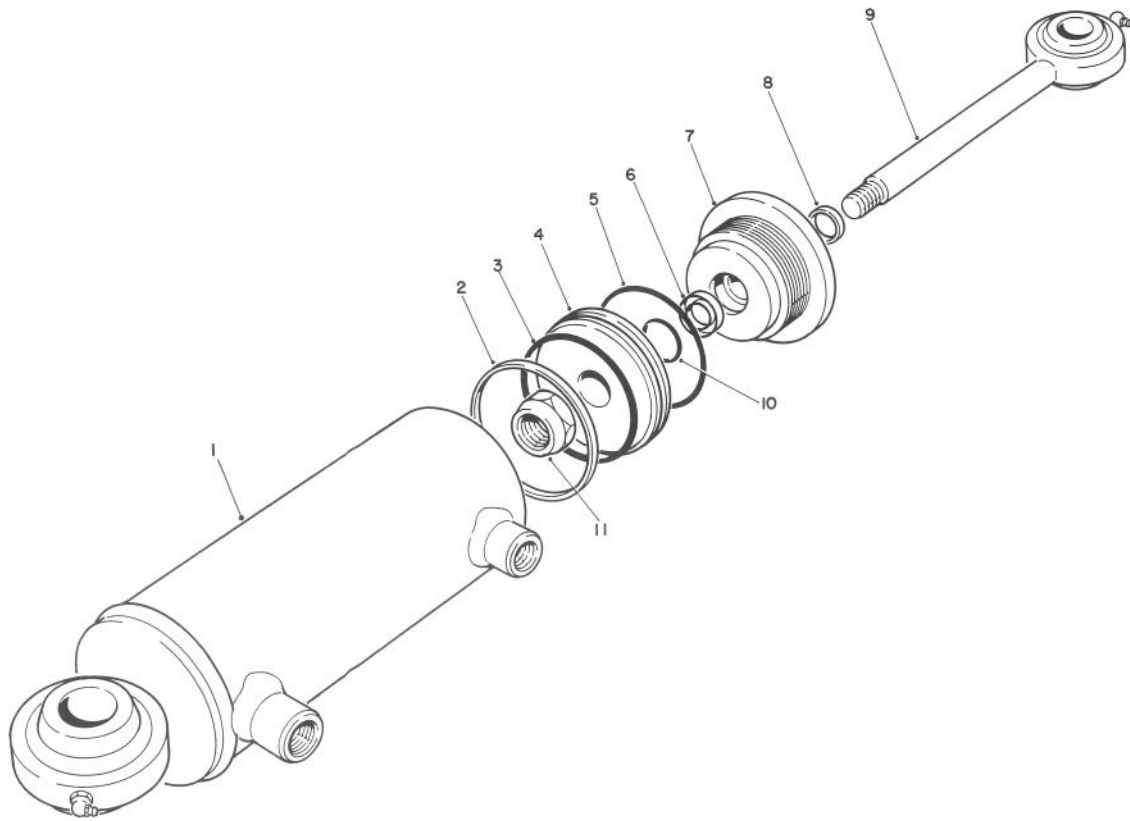


T-1126

SOLENOID VALVE ASSEMBLY NO. 76-9970 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1		Adapter Assembly (Incl. Ref. #2)	1
2	237-80	O-Ring	2
3		Valve - Directional	1
4		Spool	1

Ref. No.	Part No.	Description	No. Used
5		Tube Assembly (Incl. Ref. #2)	1
6	218-591	Coil Assembly	1
7	218-592	Nut - Coil	1

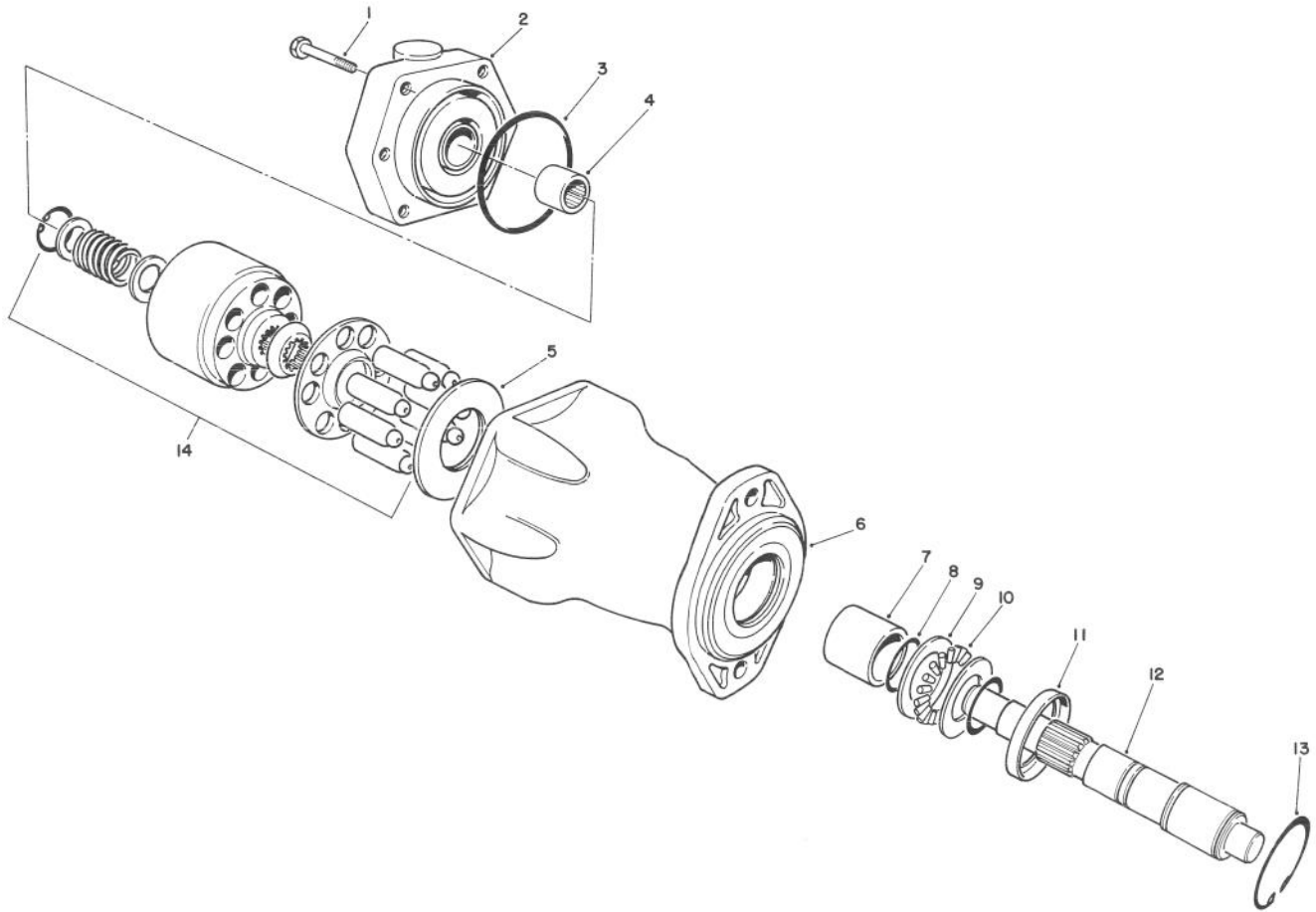


T-1037

HYDRAULIC CYLINDER NO. 74-3450 (Model No. 30455)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	74-9610	Butt & Tube Assembly	1	8		Wiper	1
2		Seal-Teflon	1	9	74-9600	Piston Rod Assembly	1
3		O-Ring	1	10		O-Ring	1
4	66-1940	Piston	1	11	66-1930	Nut-Lock	1
5		O-Ring	1	*	74-9710	Kit - Seal (Incl. Ref. #2, 3, 5, 6, 8, & 10)	1
6		U-Cup	1				
7	74-9640	Gland	1				

*Not Illustrated

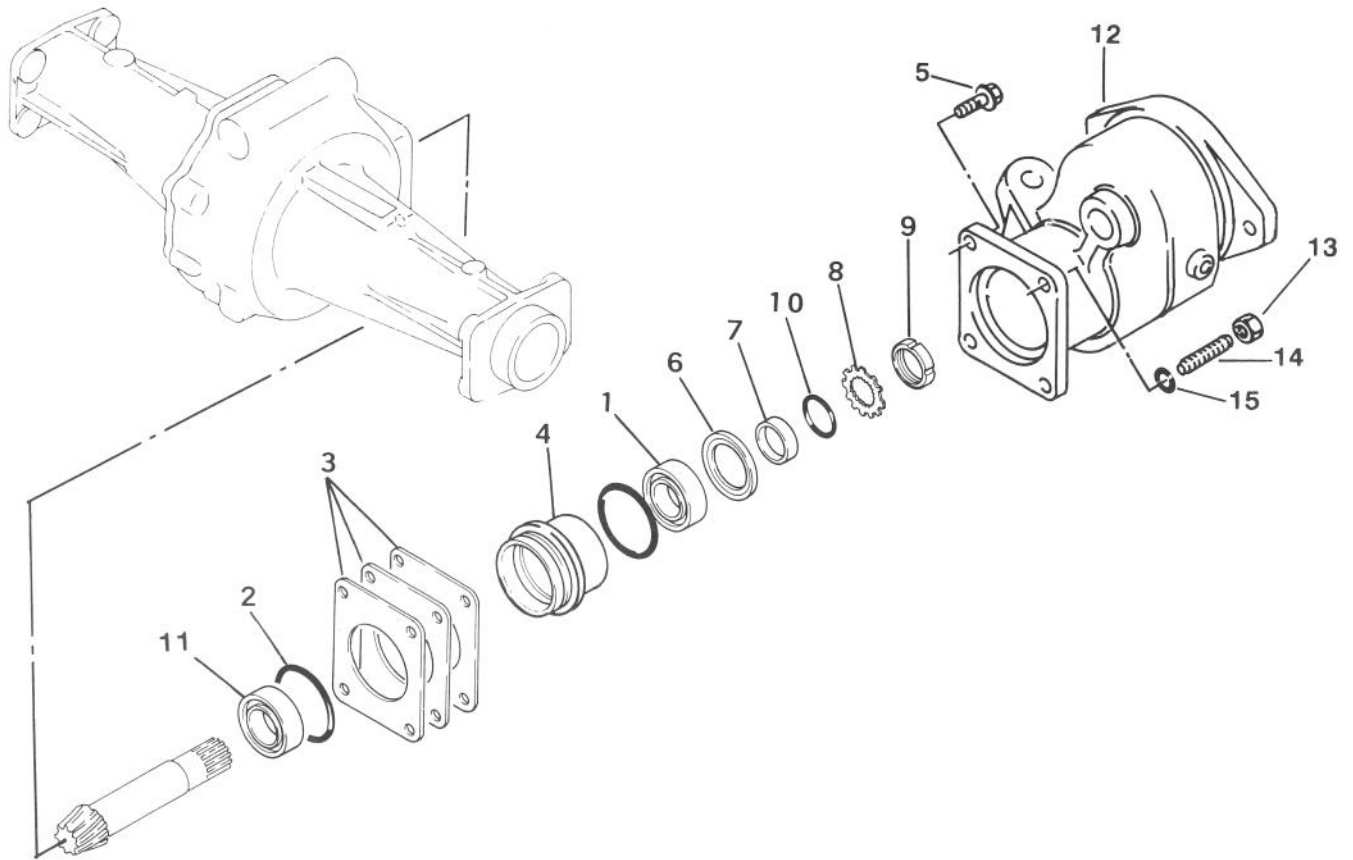


T-1041

HYDRAULIC MOTOR NO. 76-6580 (Model No. 30455)

Ref. No.	Part No.	Description	No. Used
1	76-6990	Screw - Cap, Hex. Hd.	6
2	76-6920	Back Plate Assembly (Incl. Ref. #4)	1
3	76-6980	O-Ring	1
4		Bearing	1
5	76-6970	Insert - Camplate	1
6	76-6940	Housing Assembly (Incl. Ref. #7)	1

Ref. No.	Part No.	Description	No. Used
7		Bearing	1
8	76-7000	Ring - Retaining	2
9	76-6950	Race - Thrust	1
10	76-6960	Bearing - Thrust	1
11	76-7020	Spacer	1
12	76-6930	Shaft - Drive	1
13	76-7010	Ring - Retaining	1
14	76-6910	Rotating Assembly	1



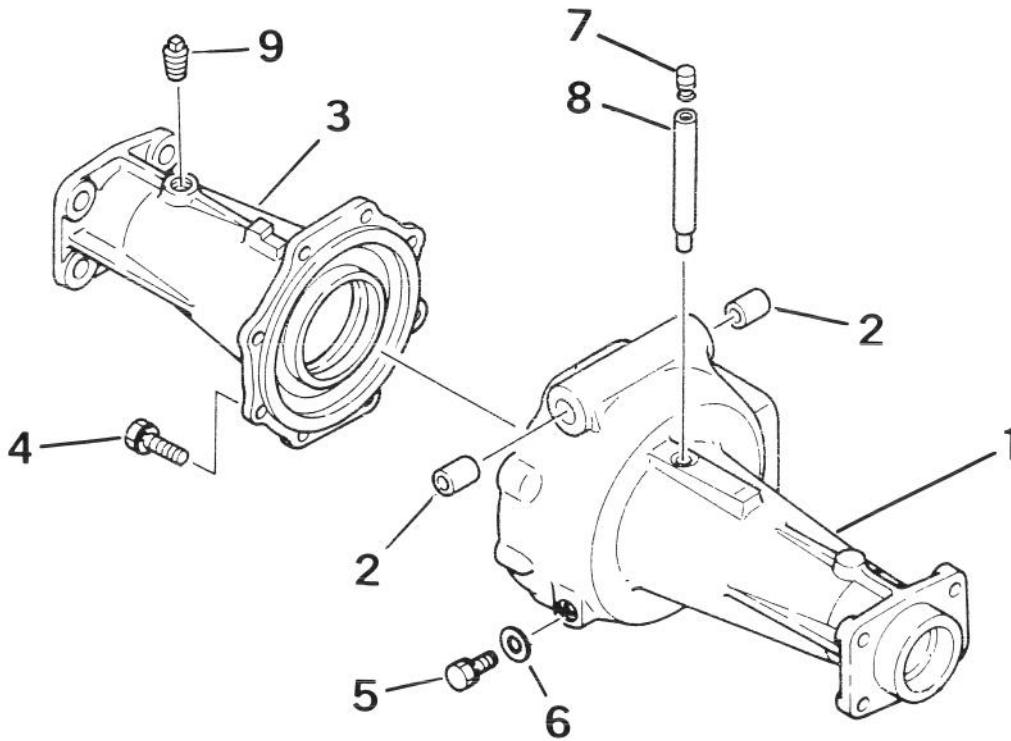
T-1109

SLEEVE ASSEMBLY AXLE No. 74-5620 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76-7370	Bearing	1
2	76-7400	O-Ring	2
3	76-7410	Shim - 0.1 mm	A/R
*	76-7420	Shim - 0.2 mm	A/R
*	76-7430	Shim - 0.4 mm	A/R
4	76-7320	Sleeve	1
5	76-7150	Bolt	3
6	76-7340	Seal - Oil	1
7	76-7350	Bushing	1
8	76-7380	Washer	1

Ref. No.	Part No.	Description	No. Used
9	76-7390	Nut - Lock	1
10	76-7360	O-Ring	1
11	76-7330	Bearing	1
12	74-5630	Adapter	1
13	76-7460	Washer	1
14	76-7450	Bolt - Stud	1
15	76-7690	Nut	1
*	77-4010	Shim Set (Incl. Ref. #3)	1

*Not Illustrated

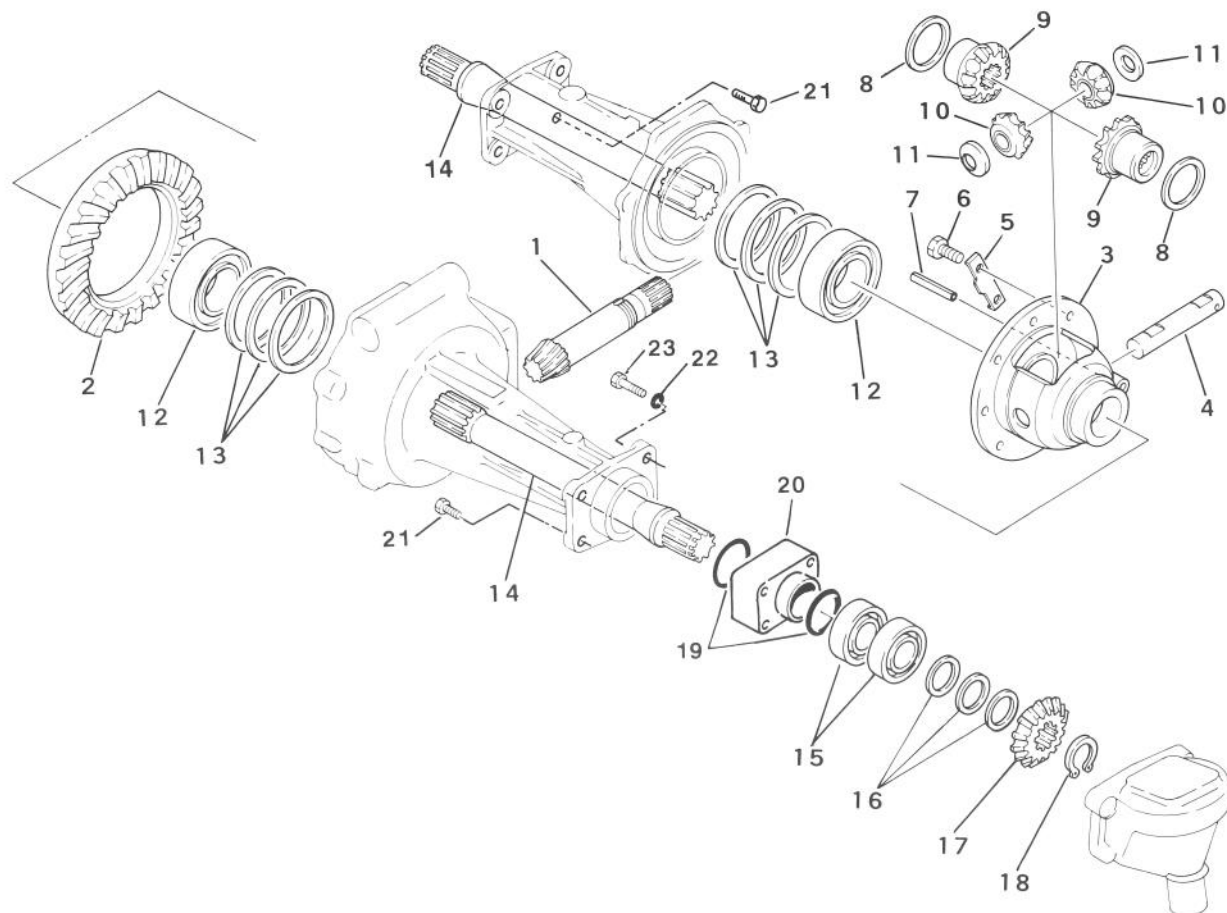


T-1112

AXLE HOUSING ASSEMBLY AXLE No. 74-5620 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76-7100	Housing - Axle A	1
2	76-4260	Bushing	2
3	76-7130	Housing - Axle B	1
4	76-7150	Bolt	8
5	76-7110	Plug	1

Ref. No.	Part No.	Description	No. Used
6	76-7120	Seal - Washer	1
7	76-7480	Plug - Vent	1
8	76-7470	Pipe	1
9	76-7140	Plug	1

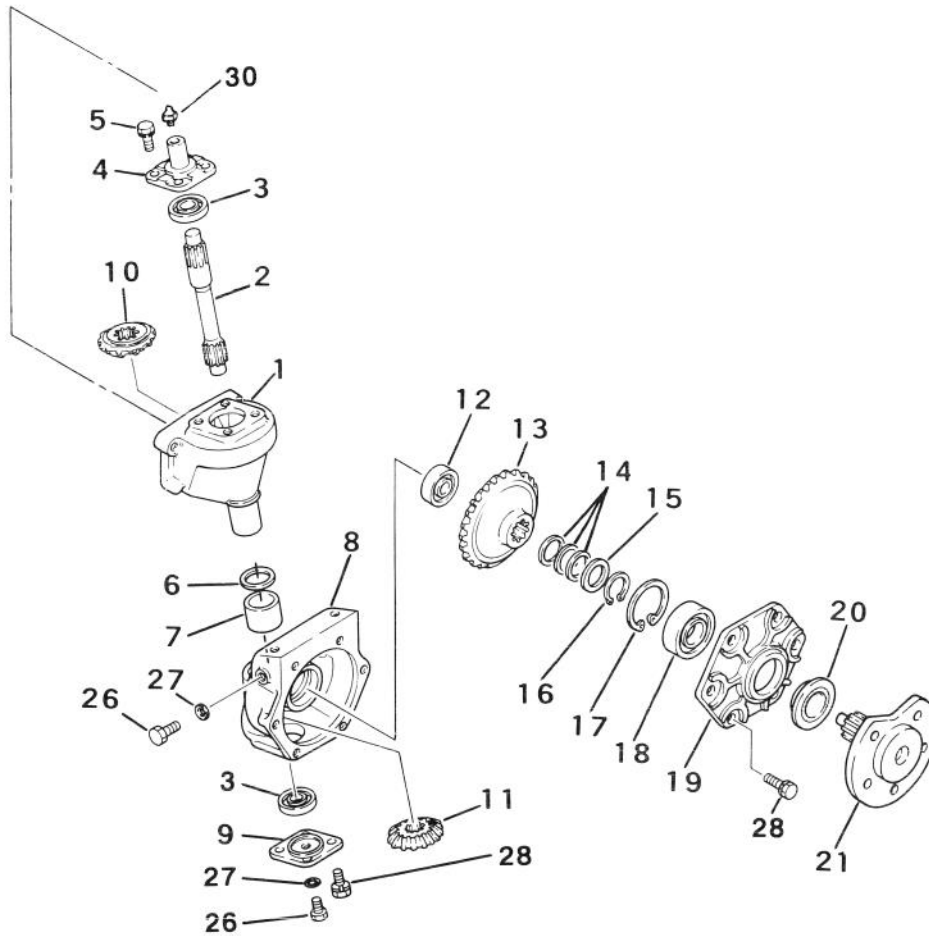


T-1111

DIFFERENTIAL & SHAFT ASSEMBLY AXLE No. 74-5620 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-7250	Shaft - Drive	1	16	76-7520	Shim - 0.1 mm	A/R
2	76-7240	Ring - Gear	1	*	76-7530	Shim - 0.2 mm	A/R
3	76-7170	Case - Differential	1	*	76-7540	Shim - 0.4 mm	A/R
4	76-7200	Shaft - Pinion	1	17	76-7510	Pinion - 14T	2
5	76-7230	Washer - Lock	4	18	76-7550	Ring - Retaining	2
6	76-7260	Bolt	8	19	76-7580	Seal - O-Ring	4
7	76-7270	Pin - Spring	1	20	76-7590	Spacer	2
8	76-7220	Washer - Thrust	2	21	76-7600	Bolt - Reamer	2
9	76-7190	Gear - Side	2	22	76-7620	Washer - Lock	6
10	76-7180	Pinion - Mate	2	23	76-7610	Bolt	6
11	76-7210	Washer - Thrust	2	*	76-7160	Gear Case Assembly (Incl. Ref. #2-11)	1
12	76-7280	Bearing	2	*	77-4000	Shim Set (Incl. Ref. #13)	1
13	76-7290	Shim - 0.1 mm	A/R	*	77-4020	Shim Set (Incl. Ref. #16)	1
*	76-7300	Shim - 0.2 mm	A/R				
*	76-7310	Shim - 0.3 mm	A/R				
14	76-7490	Shaft - Differential	2				
15	76-7500	Bearing	4				

*Not Illustrated



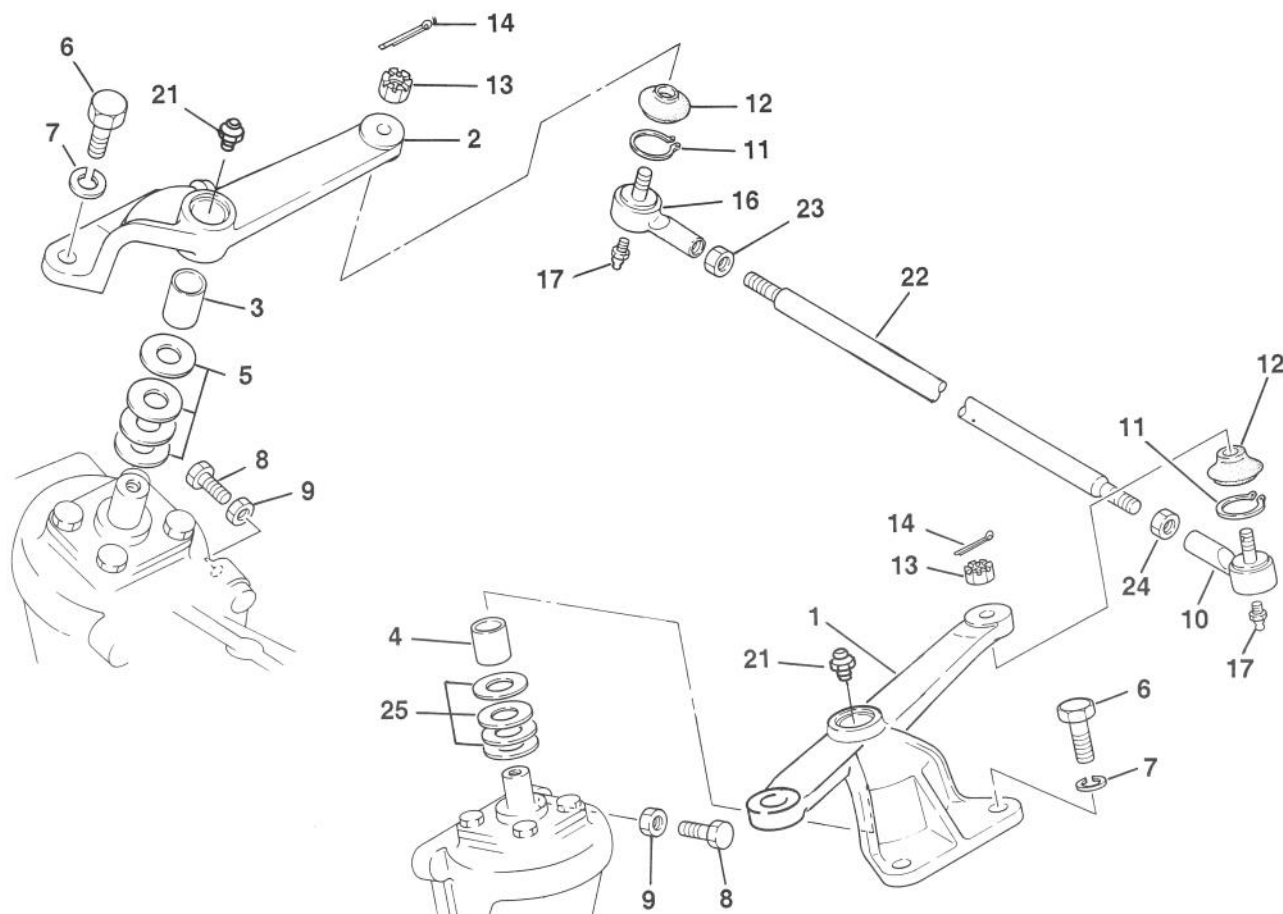
T-1110

STEERING GEAR CASE ASSEMBLY AXLE No. 74-5620 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76-7560	Case - Gear	2
2	76-7650	Shaft - Final Drive	2
3	76-7670	Bearing	4
4	76-7660	Holder - 25 mm L.H.	1
*	76-7630	Holder - 20 mm R.H.	1
5	76-7640	Bolt	8
6	76-7740	Seal - Oil	2
7	76-7730	Bushing	2
8	76-7680	Case - Final Drive	2
9	76-7770	Cover	2
10	76-7510	Pinion - 14T	2
11	76-7750	Pinion - 15T	2
12	76-7850	Bearing	2
13	76-7840	Gear - Bevel	2

Ref. No.	Part No.	Description	No. Used
14	76-7890	Shim - 0.15 mm	A/R
*	76-7900	Shim - 0.2 mm	A/R
*	76-7910	Shim - 0.4 mm	A/R
15	76-7880	Spacer	2
16	76-7920	Ring - Retaining	2
17	76-7930	Ring - Retaining	2
18	76-7860	Bearing	2
19	76-7810	Holder - Bearing	2
20	76-7870	Seal - Oil	2
21	76-7830	Shaft - Wheel	2
26	76-7110	Plug	4
27	76-7120	Seal - Washer	4
28	76-7640	Bolt	20
30	76-7960	Fitting - Grease	2
*	77-4030	Shim Set (Incl. Ref. #14)	1

*Not Illustrated

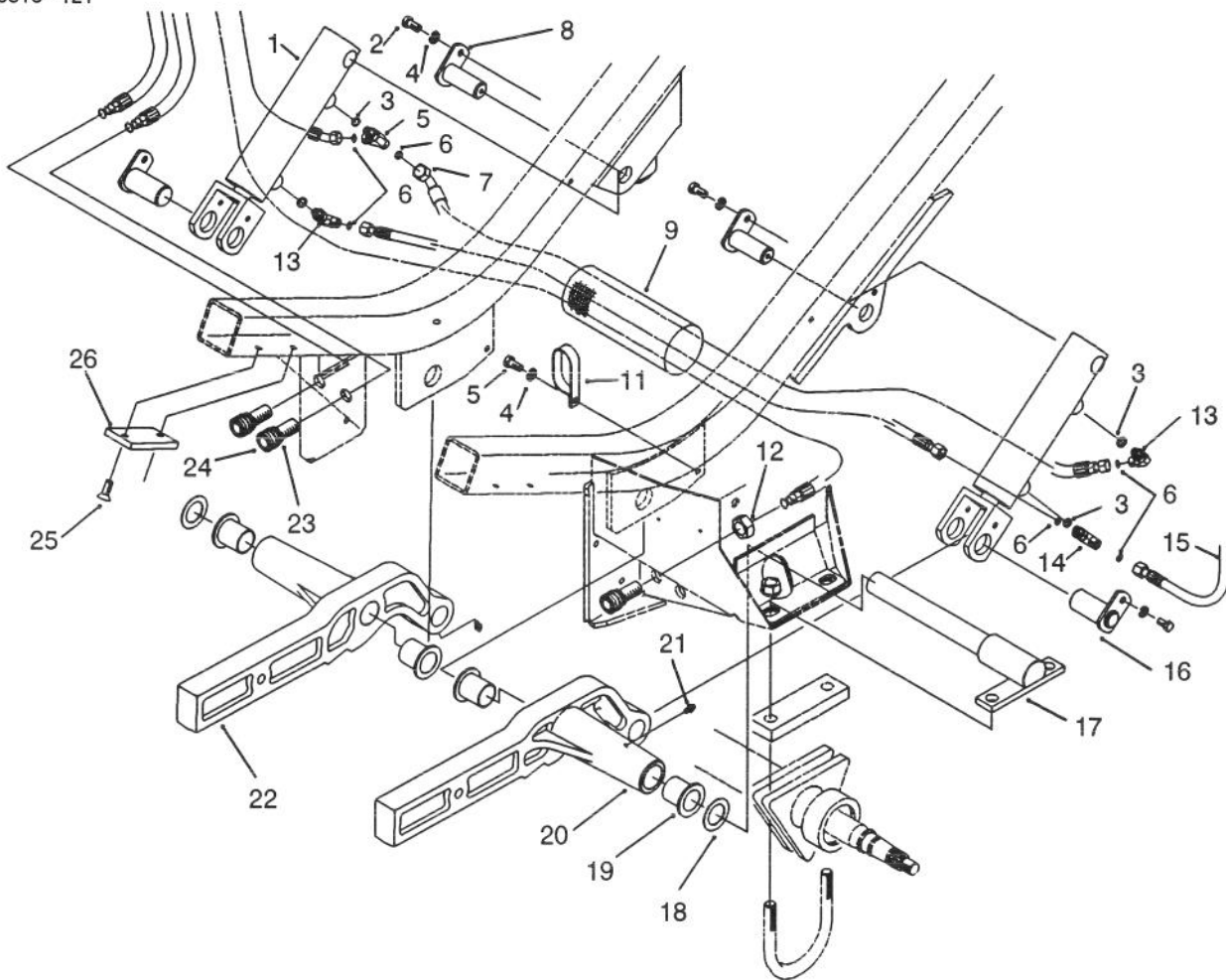


T-1108

STEERING ARM LINKAGE AXLE No. 74-5620 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-4270	Arm - Drag Link	1	14		Pin - Cotter	2
2	76-7940	Arm - Tie Rod	1	16	76-8050	Rod End - R.H.	1
3	76-4260	Bushing	1	17		Fitting - Grease	2
4	76-7950	Bushing	1	21	76-7960	Fitting - Grease	2
5	76-7820	Shim - 1.0 mm	A/R	22	76-8020	Rod - Tie	1
*	76-7970	Shim - 1.4 mm	A/R	23	76-8060	Nut - R.H.	1
*	76-7980	Shim - 1.2 mm	A/R	24	76-8040	Nut - L.H.	1
*	76-7990	Shim - .08 mm	A/R	25	76-7700	Shim - 0.8 mm	A/R
6	76-8000	Bolt	4	*	76-7760	Shim - 1.0 mm	A/R
7	76-8010	Washer	2	*	76-7780	Shim - 1.2 mm	A/R
8	76-7710	Bolt	2	*	76-7790	Shim - 1.4 mm	A/R
9	76-7720	Nut	4	*	77-4050	Shim Set	
10	76-8030	Rod End - L.H.	1			(Incl. Ref. #5)	1
11		Ring - Retaining	2	*	77-4040	Shim Set	
12		Cover	2			(Incl. Ref. #25)	1
13		Nut - Slotted	2				

*Not Illustrated



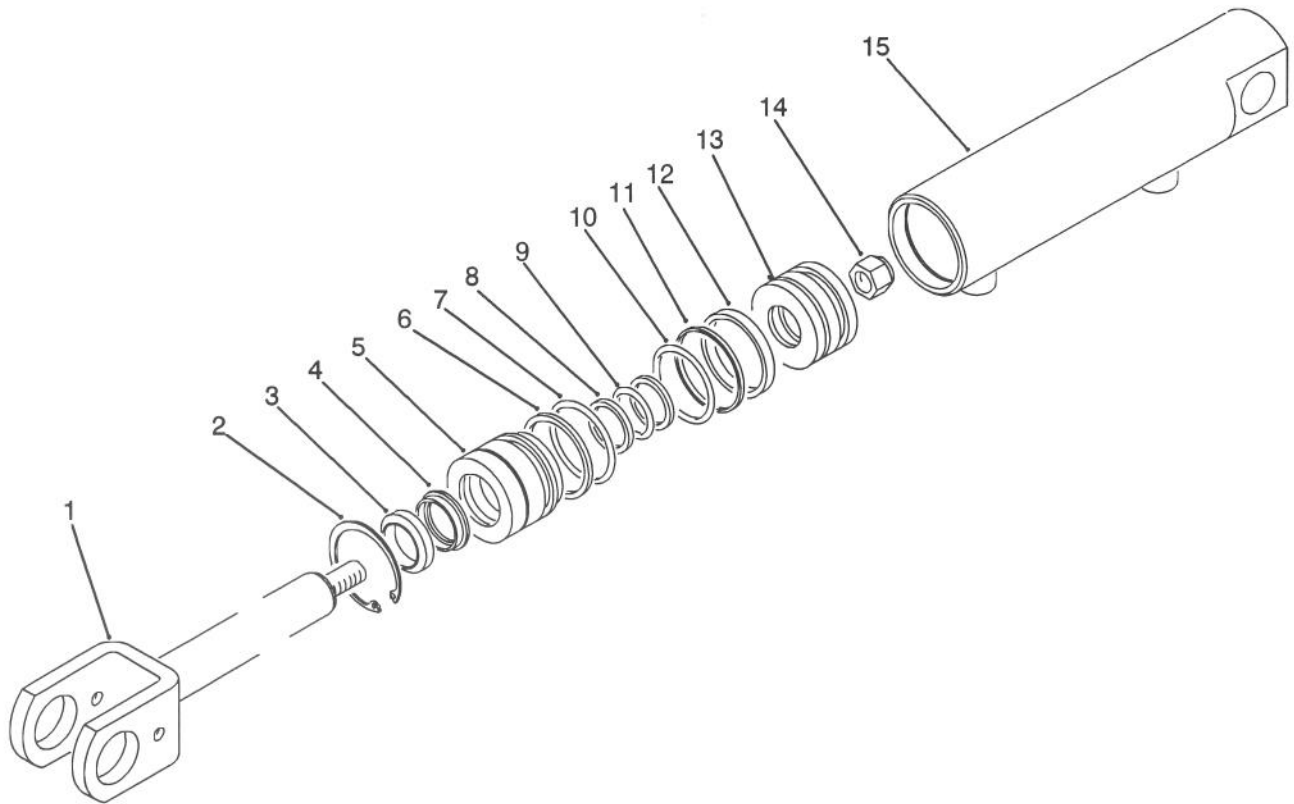
T-1505

LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	86-5580	Cylinder - Hydraulic	2
2	322-2	Screw - Cap Hex. Hd.	5
3	237-78	O-Ring	4
4	3253-4	Washer - Lock	5
5	340-140	Fitting - Hydraulic, Tee	1
6	237-21	O-Ring	6
7	86-3160	Assembly - Hose	1
8	84-1350	Pin - Pivot W.A.	2
9	70-1380	Sleeve - Protective	1
11	2412-137	R-Clamp	1
12	3220-7	Nut - Jam	3
13	340-132	Fitting - Hydraulic 90°	2
14	340-125	Fitting - Hydraulic, Tee	1

Ref. No.	Part No.	Description	No. Used
15	86-3170	Assembly - Hose	1
16	88-1190	Pin - Pivot W.A.	2
17	86-2790	Pin - Pivot, L.H.	1
*	88-1200	Pin - Pivot, R.H.	1
18	29-2770	Washer - Thrust	2
19	68-6480	Bushing - Flange	4
20	84-0730	Arm - Lift, L.H.	1
21	302-5	Fitting - Grease	4
22	86-5890	Arm - Lift, R.H.	1
23	237-79	O-Ring	3
24	86-5450	Coupler - Hydraulic	3
25	32108-58	Screw - Machine Flat Hd.	4
26	69-9300	Pad - Bumper	2

*Not Illustrated

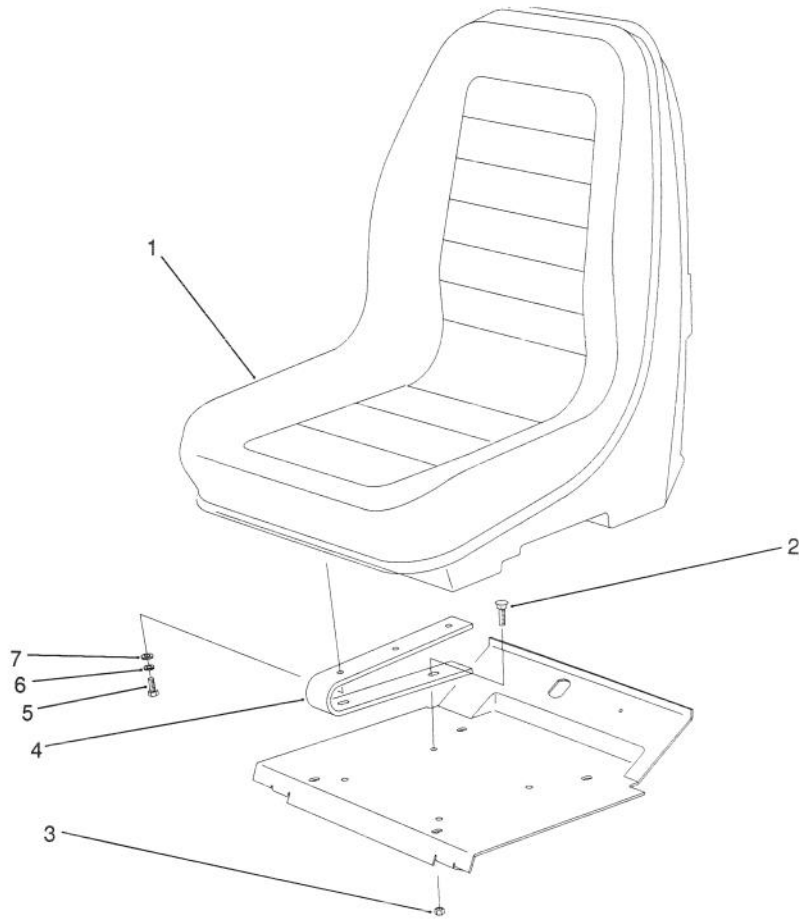


T-1490

HYDRAULIC CYLINDER NO. 86-5580

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	88-3620	Assembly - Rod	1	10	88-3520	O-Ring	1
2	32120-65	Ring - Retaining	1	11	88-3650	Ring - Piston, Unithane	1
3	88-3580	Wiper - Rod	1	12	88-3560	Ring - Wear	1
4	88-3570	U-Cup - Loaded	1	13	88-3600	Piston	1
5	88-3630	Head	1	14	88-3590	Nut - Lock	1
6	88-3550	Ring - Back-Up	1	15	88-3610	Assembly - Barrel	1
7	88-3540	O-Ring	1	*	88-3640	Kit - Seal	1
8	88-3510	Ring - Back-Up	2			(Incl. Ref. #2-4 & 6-12)	
9	88-3530	O-Ring	1				

*Not Illustrated

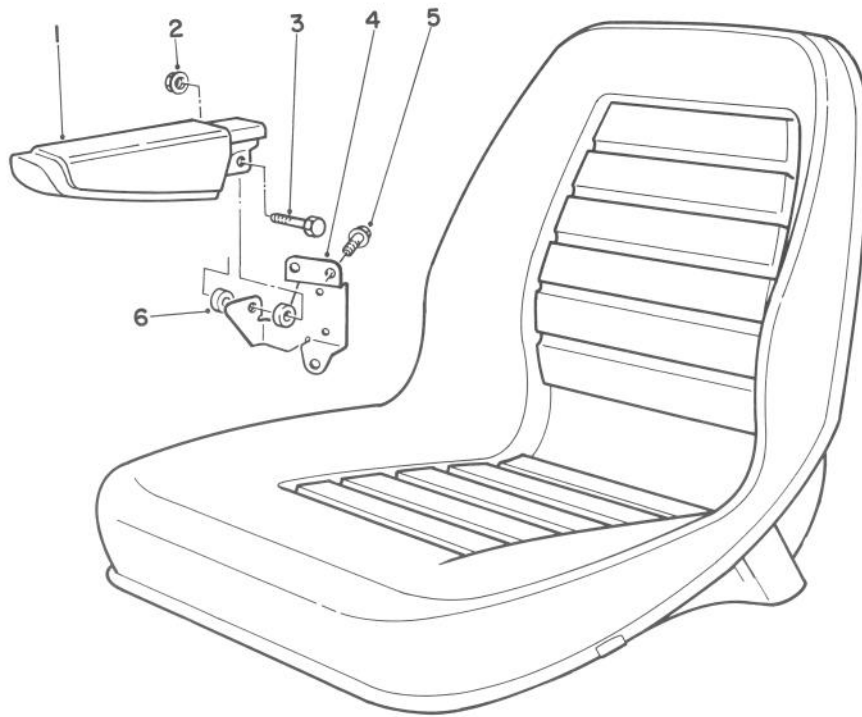


T-1312

LOW SEAT ASSEMBLY (Optional)

Ref. No.	Part No.	Description	No. Used
1	66-5400	Seat Assembly	1
2	3230-16	Bolt - Carriage	4
3	3296-29	Nut - Lock	4
4	68-3280	Spring - Seat	2

Ref. No.	Part No.	Description	No. Used
5	322-4	Screw - Cap Hex. Hd.	4
6	3253-4	Washer - Lock	4
7	3256-2	Washer	4



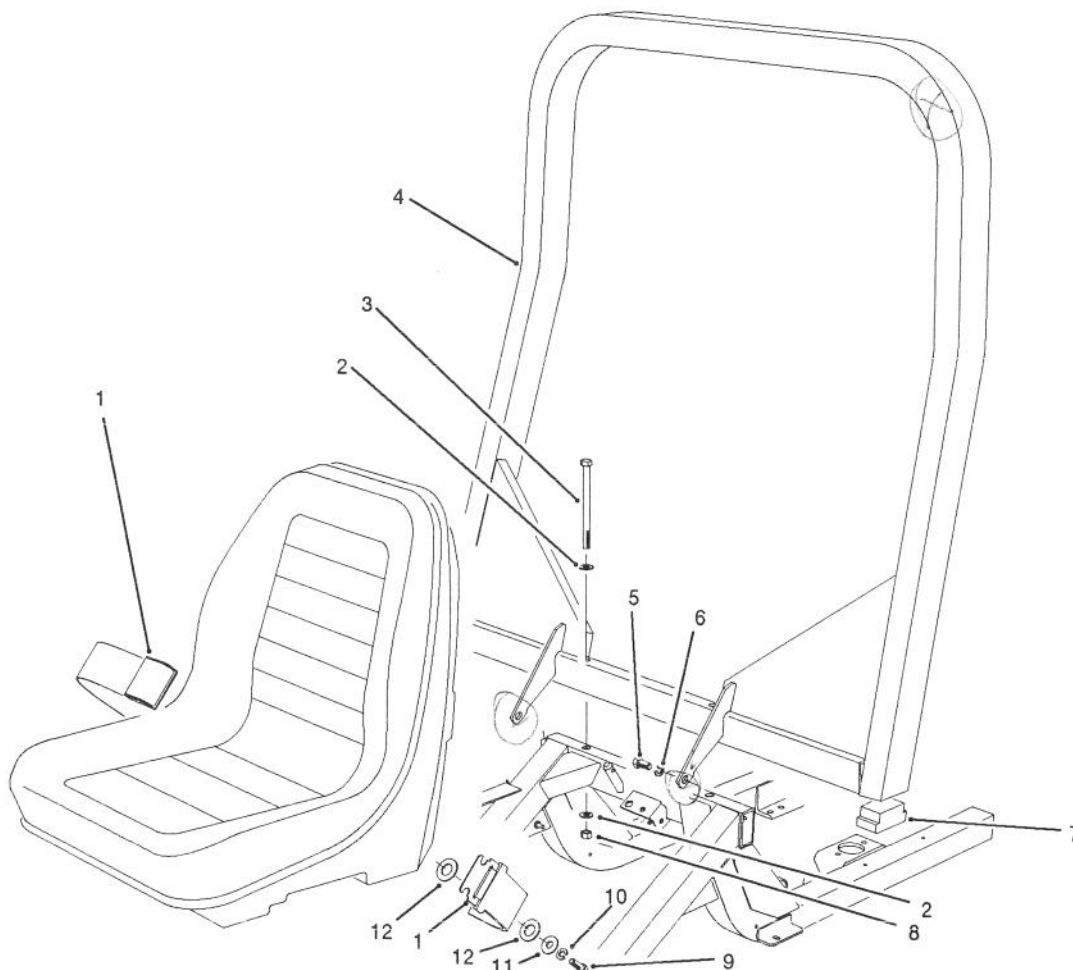
T-0634

ARMREST ASSEMBLY MODEL NO. 30707 (Optional)

Ref. No.	Part No.	Description	No. Used
1	69-1180	Armrest	2
2	32128-19	Nut - Flange Lock	2
3	323-9	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
4	69-0770	Bracket - Armrest R.H.	1
*	69-0760	Bracket - Armrest L.H.	1
5	3234-14	Screw - Hex. Flange Hd.	6
6	69-1260	Spacer	4

*Not Illustrated



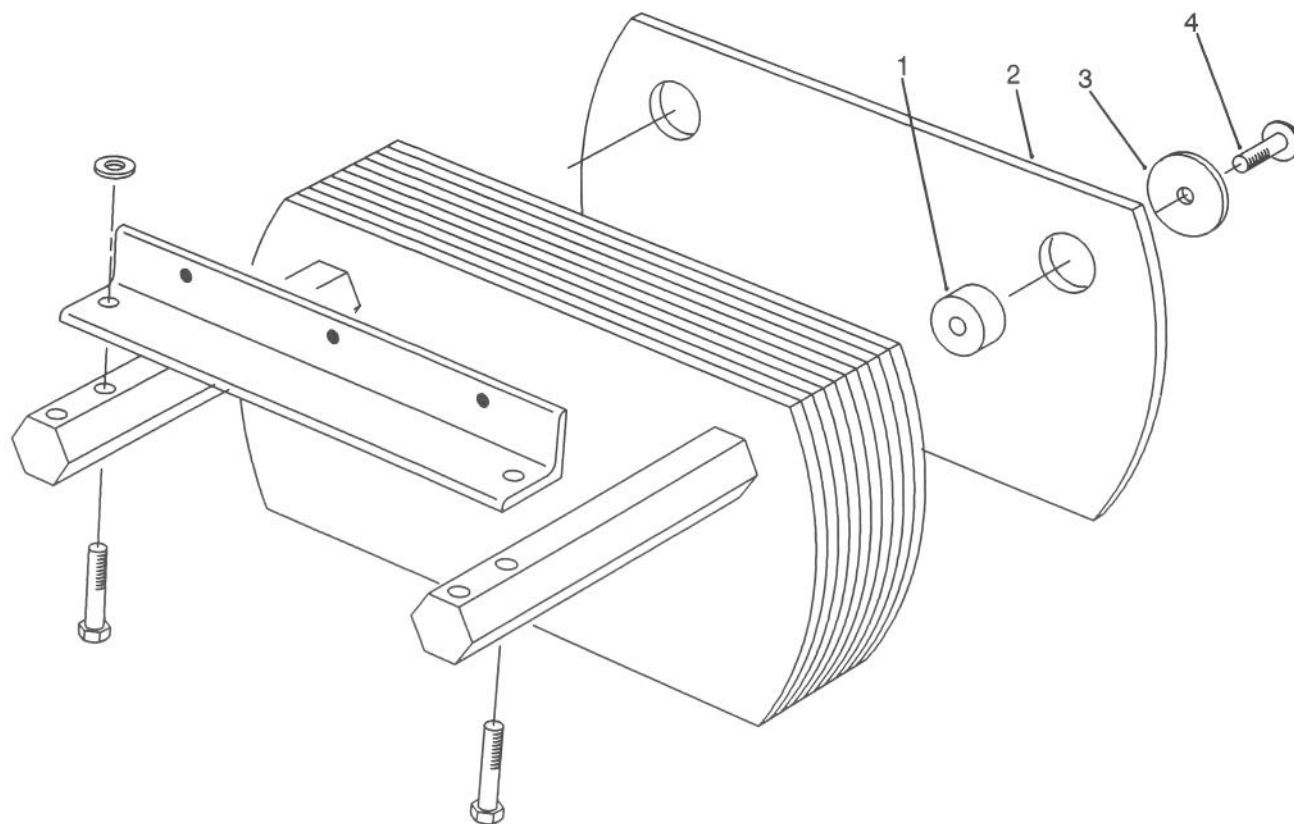
T-1116

R.O.P.S. ASSEMBLY (Standard For Model No. 30455) (Optional For Model No. 30450)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	21-4191	Seat Belt Assembly	1	9	3212-5	Screw - Cap Hex. Hd.	2
2	3256-26	Washer - Flat	4	10	3253-6	Washer - Lock	2
3	325-33	Screw - Cap Hex. Hd.	2	11	3256-5	Washer - Flat	2
4	76-9370	Bar - R.O.P.S.	1	12	3256-28	Washer - Flat	2
5	325-2	Screw - Cap Hex. Hd.	2	*		Canopy Assembly (Optional)	1
6	3253-7	Washer - Lock	2				
7	82-5370	Foam - R.O.P.S. Bar	2				
8	3296-25	Nut - Lock	2				

*Not Illustrated

NOTE: When purchasing Canopy assembly or R.O.P.S. assembly in its entirety, order direct from Custom Products PO Box 718 Litchfield, MN 55355

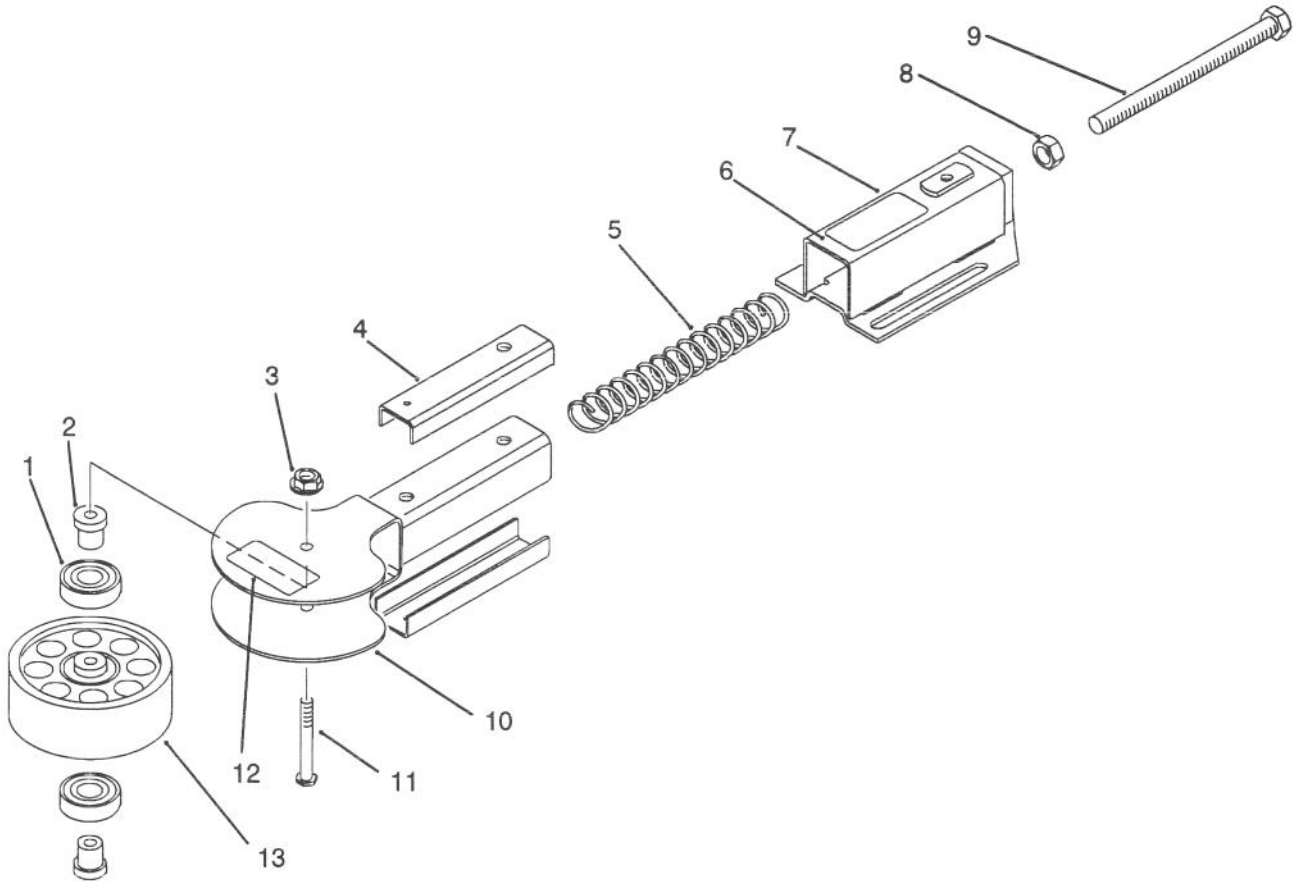


T-1520

ADDITIONAL WEIGHT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	84-1570	Spacer	2
2	88-1220	Plate	2

Ref. No.	Part No.	Description	No. Used
3	88-1360	Washer - Weight, Rear	2
4	3234-27	Screw - Hex. Flange Hd.	2



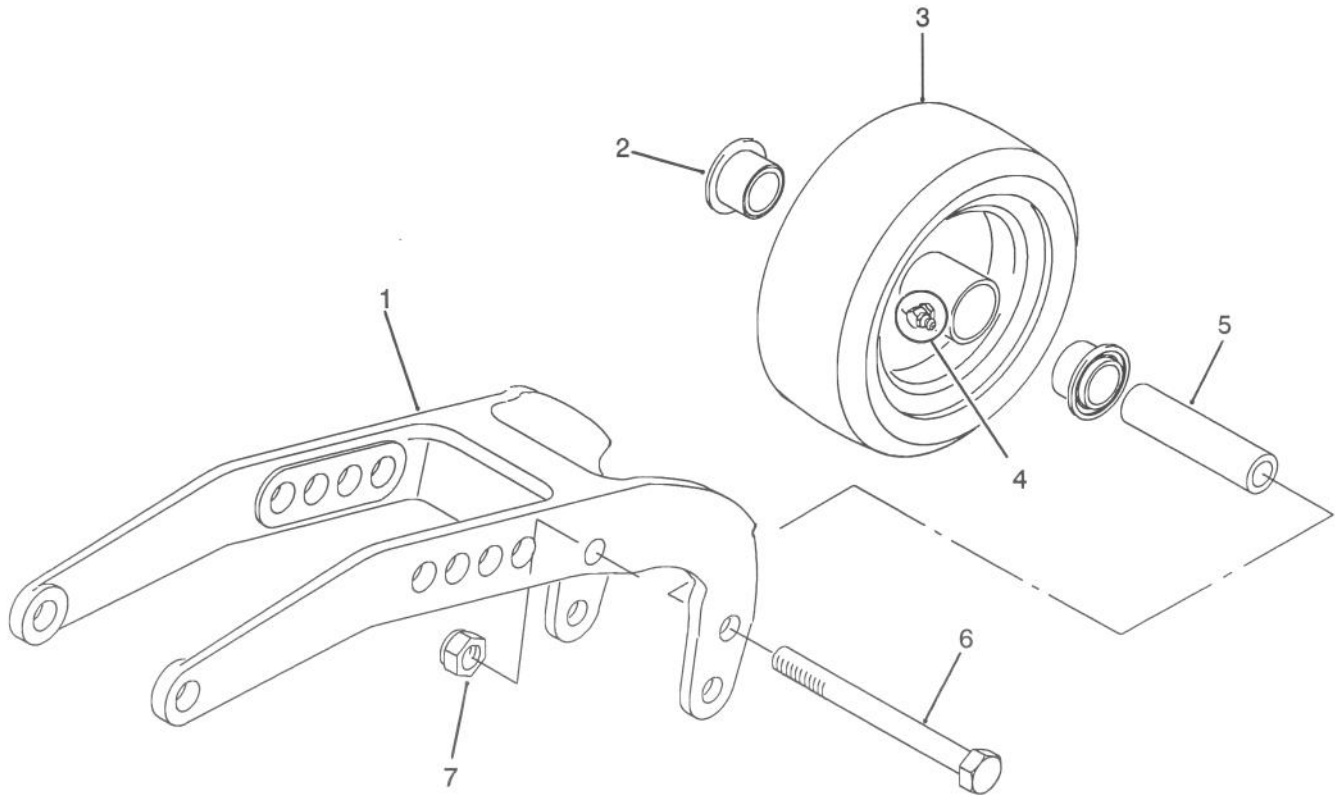
T-1451

BELT TENSION ADJUSTOR

Ref. No.	Part No.	Description	No. Used
1	38-7820	Bearing	6
2	84-0910	Spacer	6
3	32128-43	Nut - Lock, Flange Head	3
4	86-0060	Sleeve - Tube	6
5	86-0070	Spring - Compression (Wing Deck Adjustor)	2
*	86-0080	Spring - Compression (Center Deck Adjustor)	1
6	86-2670	Decal - Pulley Adjustment	1

Ref. No.	Part No.	Description	No. Used
7	92-0626	Assembly - Tube W.A. (Incl. Ref. #6)	3
8	3217-9	Nut - Jam	3
9	86-0050	Screw - Adjusting	3
10	86-1790	Yoke W.A. - Pulley	3
11	86-2000	Bolt - Thin Head	3
12	55-4300	Decal - Warning	1
13	92-0625	Pulley - Idler (Incl. Ref.#1 & 2)	3

*Not Illustrated

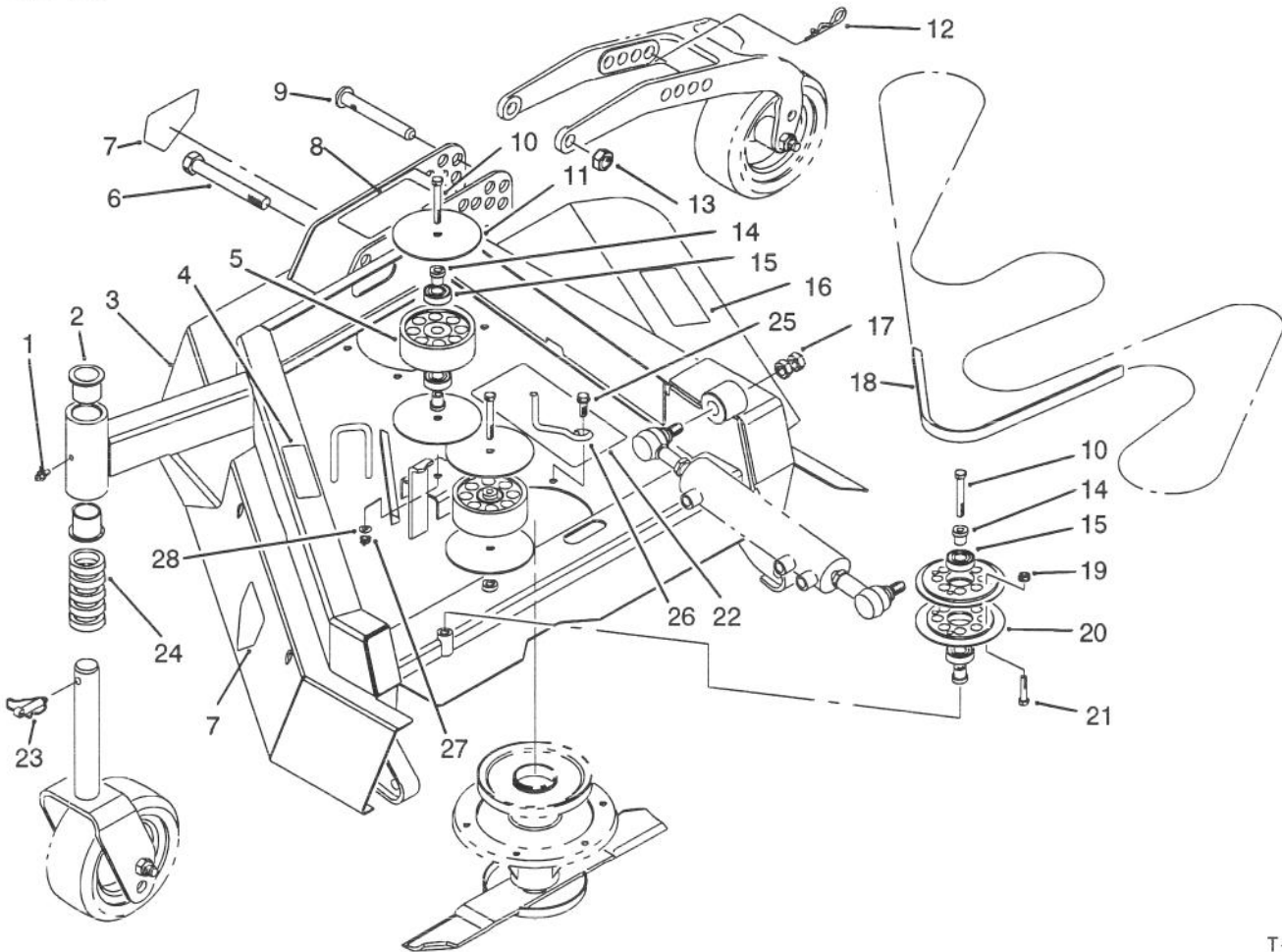


T-1450

REAR PIVOT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-9790	Arm - Pivot, Rear	2
2	251-321	Bearing - Castor	4
3	86-0020	Assembly - Wheel, Castor (Incl. Ref.#2, 4 & 5)	2

Ref. No.	Part No.	Description	No. Used
4	302-40	Fitting - Grease 90°	2
5	251-332	Spacer - Bearing	2
6	327-24	Screw - Cap Hex. Hd.	2
7	3296-53	Nut - Lock	2

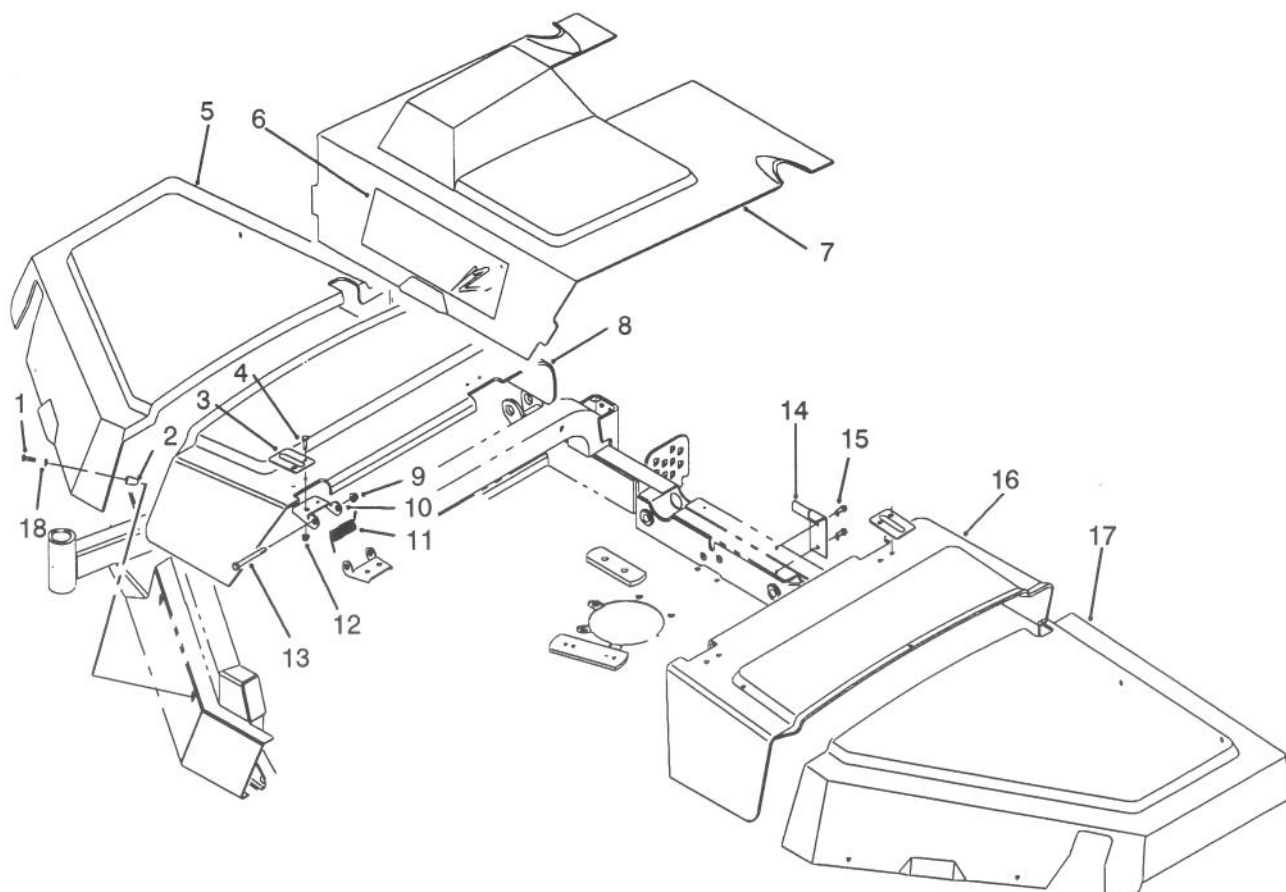


T-1452

WING DECK ASSEMBLY – R.H.

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting – Grease	1
2	69-6470	Bushing	2
3	92-0623	Deck W.A. – Wing, R.H. (Incl. Ref. #2, 4, 7, 8, 16 & 22)	1
4	84-6410	Decal – Danger	1
5	92-0625	Pulley – Idler (Incl. Ref. #14 & 15)	2
6	3216-6	Screw – Cap Hex. Hd.	1
7	43-8480	Decal – Danger	2
8	86-0700	Decal	1
9	86-2010	Pin – H.O.C. Pivot	1
10	323-13	Screw – Cap Hex. Hd.	3
11	86-2600	Washer – Guide, Belt	4
12	3290-256	Pin – Cotter, Hair	1
13	3296-15	Nut – Lock	1

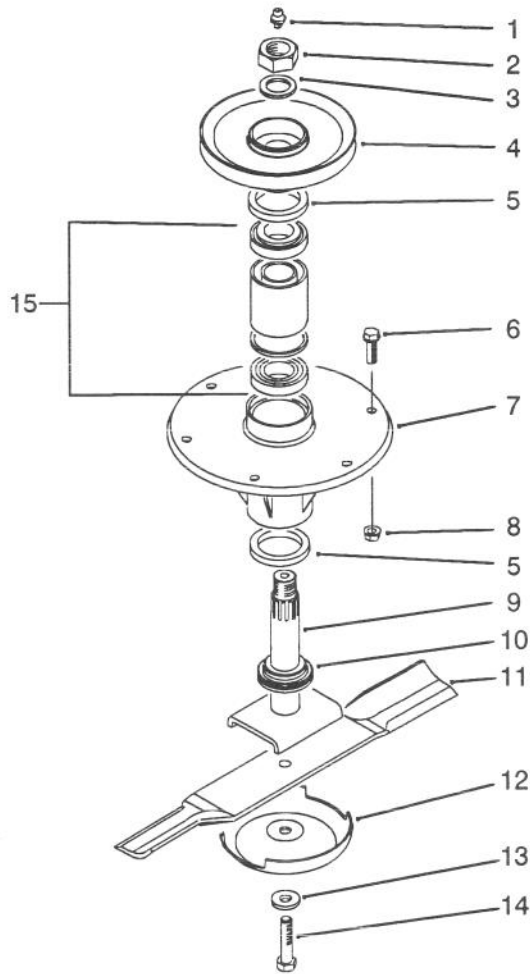
Ref. No.	Part No.	Description	No. Used
14	84-0910	Spacer – Bearing	6
15	38-7820	Bearing	6
16	66-1340	Decal – Danger	1
17	3220-6	Nut – Jam	2
18	86-1960	V-Belt	1
19	32128-25	Nut – Flange Head	4
20	84-0930	Pulley – Half	2
21	322-8	Screw – Cap Hex. Hd.	4
22	86-0760	Decal	1
23	3290-384	Pin – Lynch	1
24	69-1510	Spacer – Fork	5
25	3234-8	Screw – Hex. Flange Hd.	1
26	63-1400	Rod – Belt	1
27	3296-39	Nut – Lock	1
28	53-6380	Washer – Flat	1



T-1453

COVER ASSEMBLY

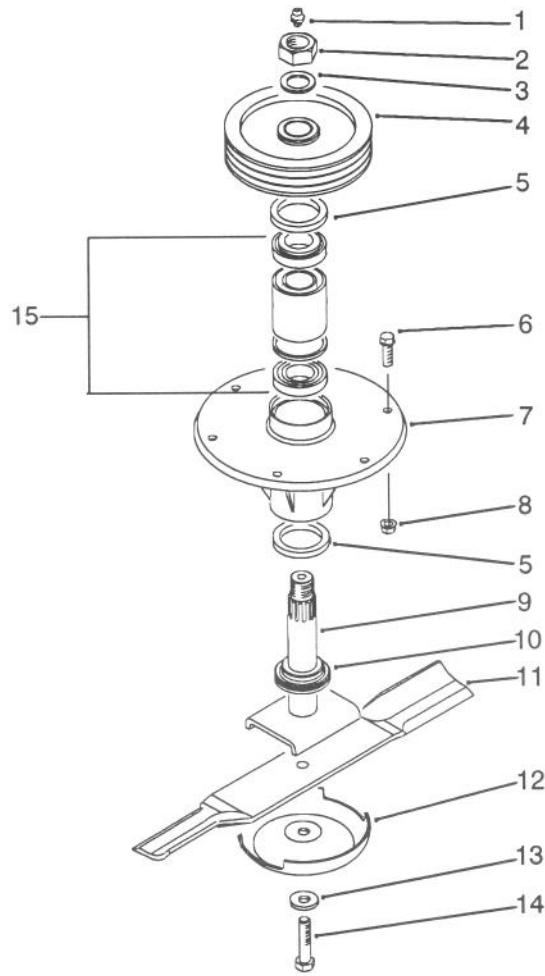
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3250-20	Screw - Pan Phil. Hd.	8	10	86-1890	Hinge	4
2	86-0790	Button - Guard	8	11	86-1920	Spring - Torsion	4
3	86-1900	Plate - Hinge	4	12	32128-20	Nut - Lock, Flange Head	8
4	3234-29	Screw - Cap Flange Head	8	13	323-15	Screw - Cap Hex. Head	4
5	86-1840	Cover - Right Hand	1	14	86-2660	Stop - Cover	1
6	86-0770	Decal - Quadfloat	1	15	32144-70	Screw	2
7	86-1860	Cover - Center	1	16	86-1880	Cover - Center, Left Hand	1
8	86-1870	Cover - Center, Right Hand	1	17	86-1850	Cover - Left Hand	1
9	3296-59	Nut - Lock, Flange Head	4	18	3256-67	Washer - Flat	8



T-1327

SPINDLE ASSEMBLY (Wings)

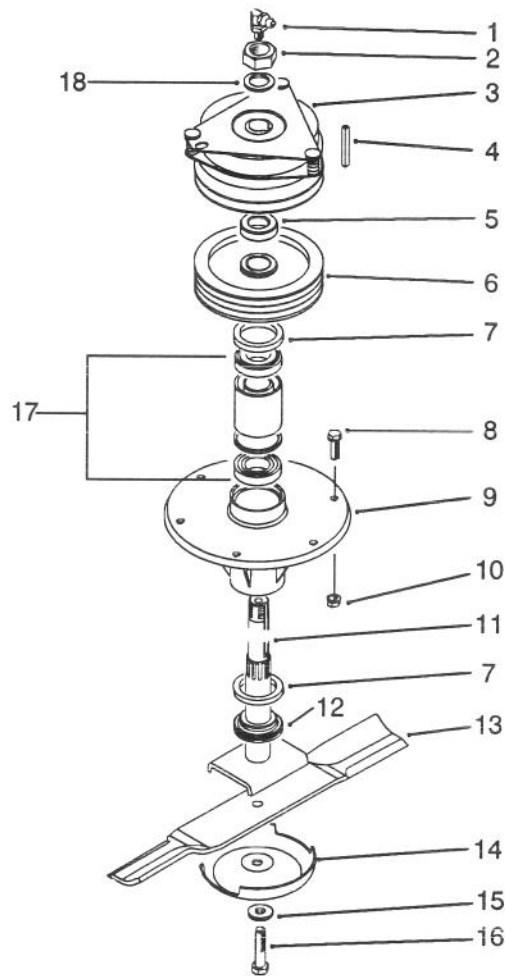
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-2	Fitting - Grease	1	9	86-2340	Shaft - Spindle	1
2	3296-49	Nut - Lock	1	10	69-6950	Spacer - Spindle	1
3	86-1480	Washer	1	11	86-0010	Blade - 19"	1
4	86-1700	Pulley	1	12	72-9361	Cup - Anti-Scalp	1
5	253-154	Seal - Oil	2	13	67-5770	Washer - Blade	1
6	3234-11	Screw - Hex. Flange Head	6	14	44-2200	Bolt - Blade	1
7	69-1530	Housing - Spindle	1	15	71-2530	Assembly - Bearing	1
8	32128-21	Nut - Lock, Flange Head	6				



T-1328

SPINDLE ASSEMBLY (Center)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-2	Fitting - Grease	1	9	86-2340	Shaft - Spindle	1
2	3296-49	Nut - Lock	1	10	69-6950	Spacer - Spindle	1
3	86-1480	Washer	1	11	86-0010	Blade - 19"	1
4	84-0780	Pulley	1	12	72-9361	Cup - Anti-Scalp	1
5	253-154	Seal - Oil	2	13	67-5770	Washer - Blade	1
6	3234-11	Screw - Hex. Flange Head	6	14	44-2200	Bolt - Blade	1
7	69-1530	Housing - Spindle	1	15	71-2530	Assembly - Bearing	1
8	32128-21	Nut - Lock, Flange Head	6				

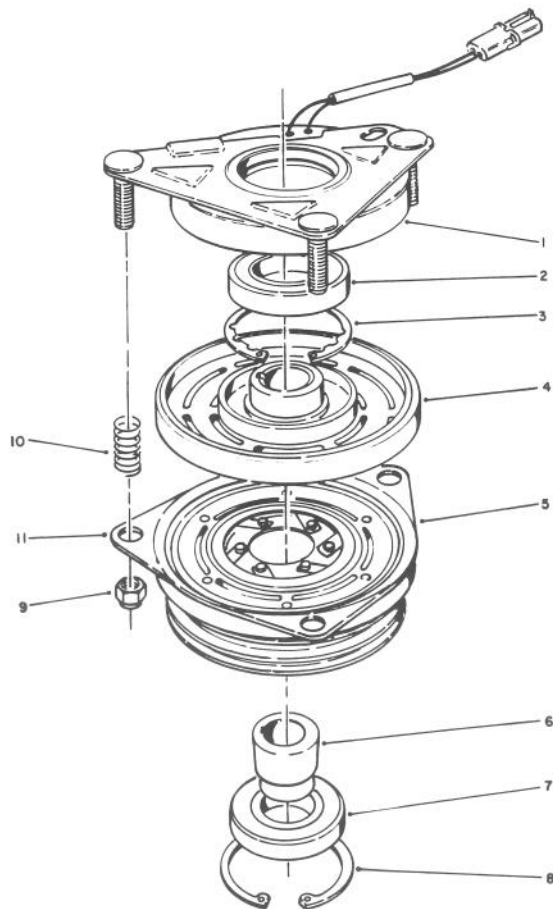


T-1329A

SPINDLE ASSEMBLY (Clutch)

Ref. No.	Part No.	Description	No. Used
1	302-33	Fitting - Grease 90°	1
2	3296-49	Nut - Lock	1
3	86-1710	Assembly - Clutch, Elect.	1
4	68-3220	Key - Square	1
5	86-1740	Spacer	1
6	84-0780	Pulley	1
7	253-154	Seal - Wave	2
8	3234-11	Screw - Hex. Flange Head	6
9	69-1530	Housing - Spindle	1

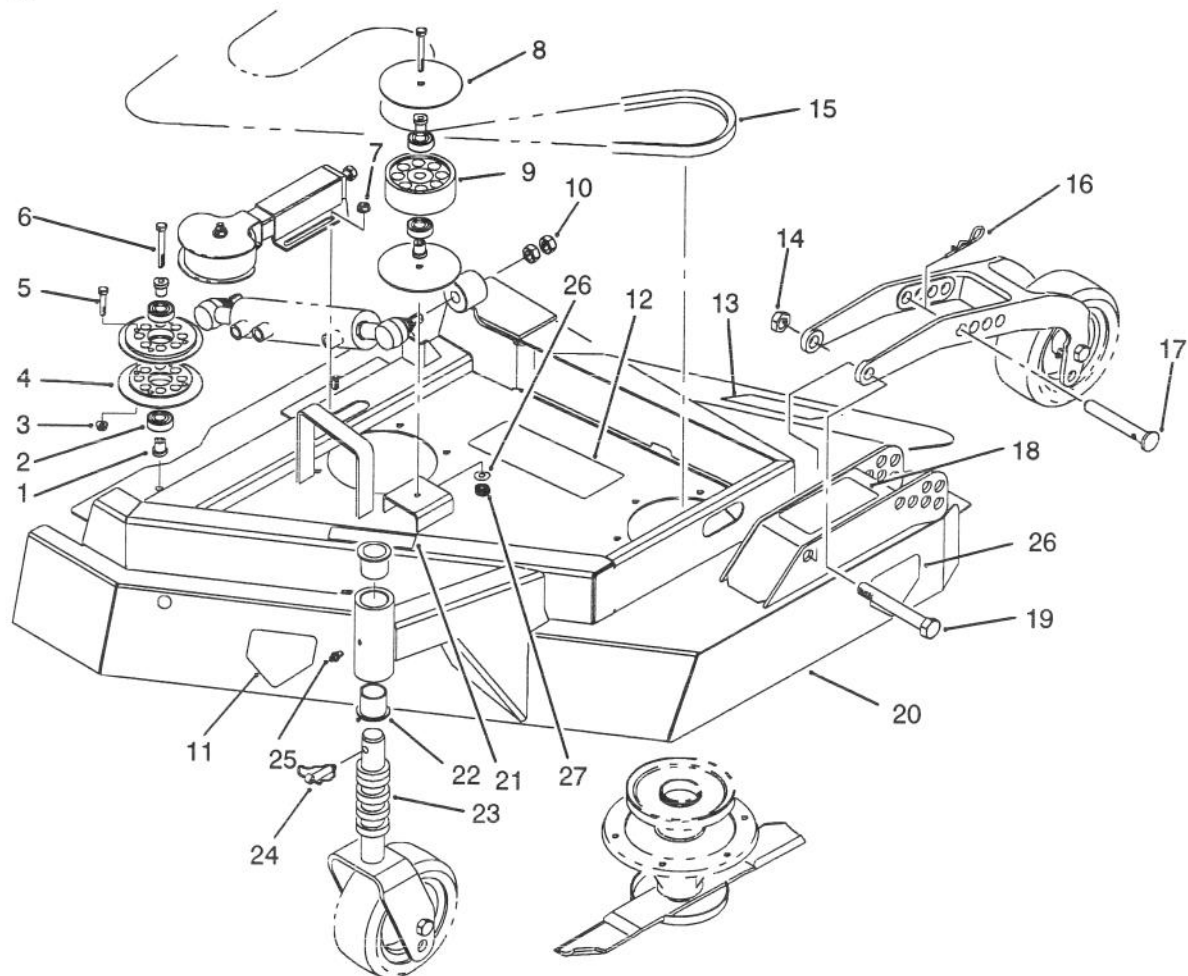
Ref. No.	Part No.	Description	No. Used
10	32128-21	Nut - Lock, Flange Head	6
11	86-2360	Shaft - Spindle	1
12	69-6950	Spacer - Spindle	1
13	86-0010	Blade - 19"	1
14	72-9361	Cup - Anti-Scalp	1
15	67-5770	Washer - Blade	1
16	44-2200	Bolt - Blade	1
17	71-2530	Assembly - Bearing	1
18	86-1480	Washer	1



T-0544

CLUTCH ASSEMBLY NO. 86-1710

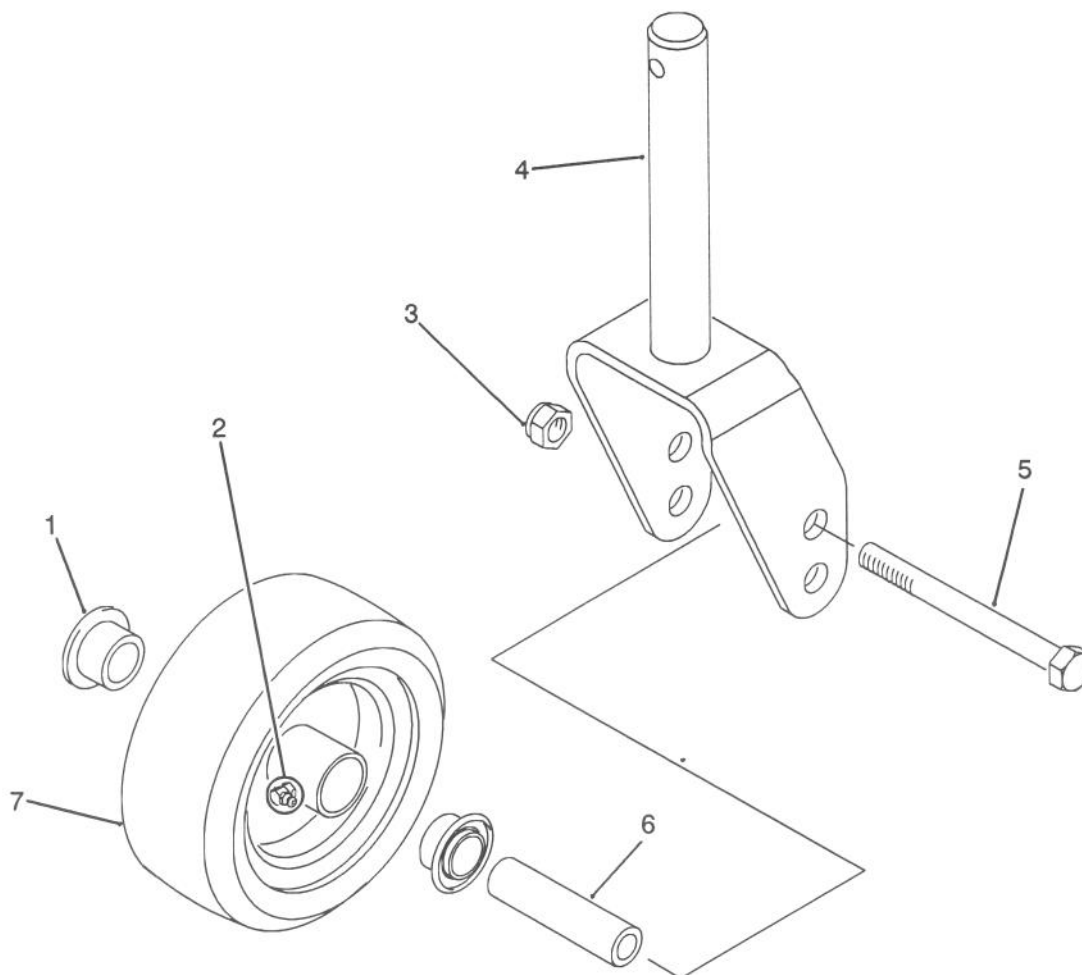
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-7050	Field Rotor Assembly (Incl. Ref. #2-4)	1	6	67-7080	Collar - Bearing	1
2		Bearing - Field	1	7	67-7090	Bearing - Pulley	1
3		Ring - Retaining	1	8	67-7060	Ring - Retaining	1
4		Field Coil Assembly	1	9	3296-6	Nut - Lock	3
5	92-0627	Armature & Pulley Assy. (Incl. Ref. #6-8)	1	10	44-8320	Spring	3
				11	67-7100	Plate - Brake	1



WING DECK ASSEMBLY - L.H.

T-1454

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	84-0910	Spacer	4	15	86-1960	V-Belt	1
2	38-7820	Bearing	4	16	3290-256	Pin - Cotter, Hair	1
3	32128-25	Nut	8	17	86-2010	Pin - H.O.C., Wing	1
4	92-0624	Pulley - V-Idler (Incl. Ref. #1-5)	2	18	86-0710	Decal - H.O.C. Wing, L.H.	1
5	322-8	Screw - Cap Hex. Hd.	8	19	3216-6	Screw - Cap Hex. Head	1
6	323-13	Screw - Cap Hex. Hd.	2	20	92-0622	Deck - Wing, L.H. (Incl. Ref. #11-13, 18, 21, & 22)	1
7	32128-19	Nut - Lock, Flange Head	2	21	84-6410	Decal - Danger	1
8	86-2600	Washer - Guide, Belt	2	22	69-6470	Bushing	2
9	92-0625	Pulley - Idler (Incl. Ref. #1 & 2)	1	23	69-1510	Spacer	5
10	3220-6	Nut - Jam	2	24	3290-384	Pin - Lynch	1
11	43-8480	Decal - Danger	2	25	302-5	Fitting - Grease	1
12	86-0750	Decal - Belt, L.H.	1	26	53-6380	Washer - Flat	1
13	66-1340	Decal - Danger	1	27	3296-39	Nut - Lock	1
14	3296-15	Nut - Lock	1				

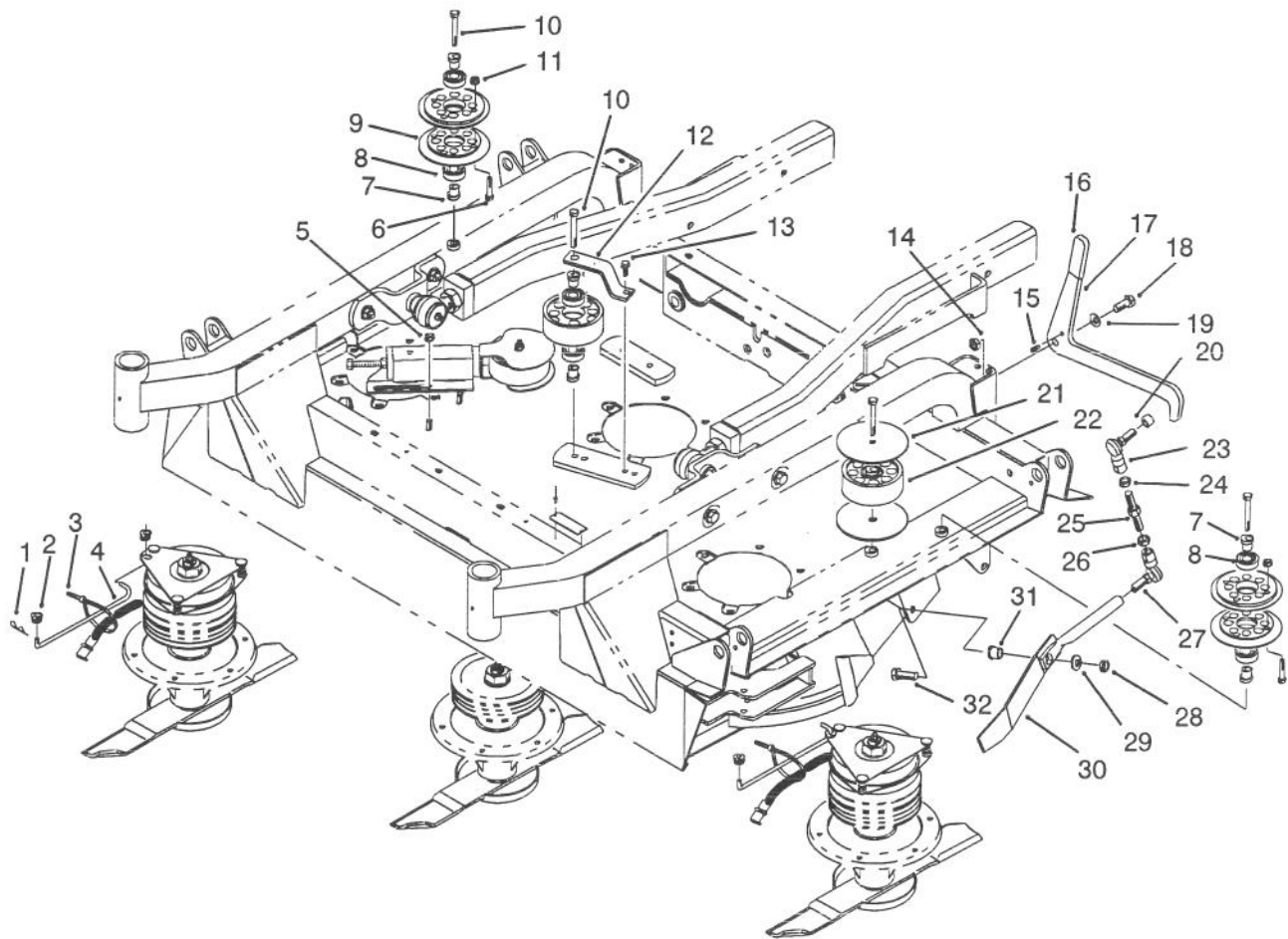


T-1461

FRONT CASTOR FORK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	251-321	Bearing - Castor	4	7	86-0020	Wheel - 8" (Used on Wing Units) (Incl. Ref. #1, 2 & 6))	2
2	302-40	Fitting - Grease 90°	2	*	85-6420	Wheel - 10" (Used on Center Unit) (Incl. Ref. #1, 2 & 6)	2
3	3296-53	Nut - Lock	2	*	76-1880	Segmented 10" Wheel Opt. (Incl. Ref. #1,2, & 6)	2
4	86-2410	Fork (Used on Wing Units)	2				
*	75-9670	Fork (Used on Center Unit)	2				
5	327-24	Screw - Cap Hex. Hd.	2				
6	251-332	Spacer - Bearing	2				

*Not Illustrated

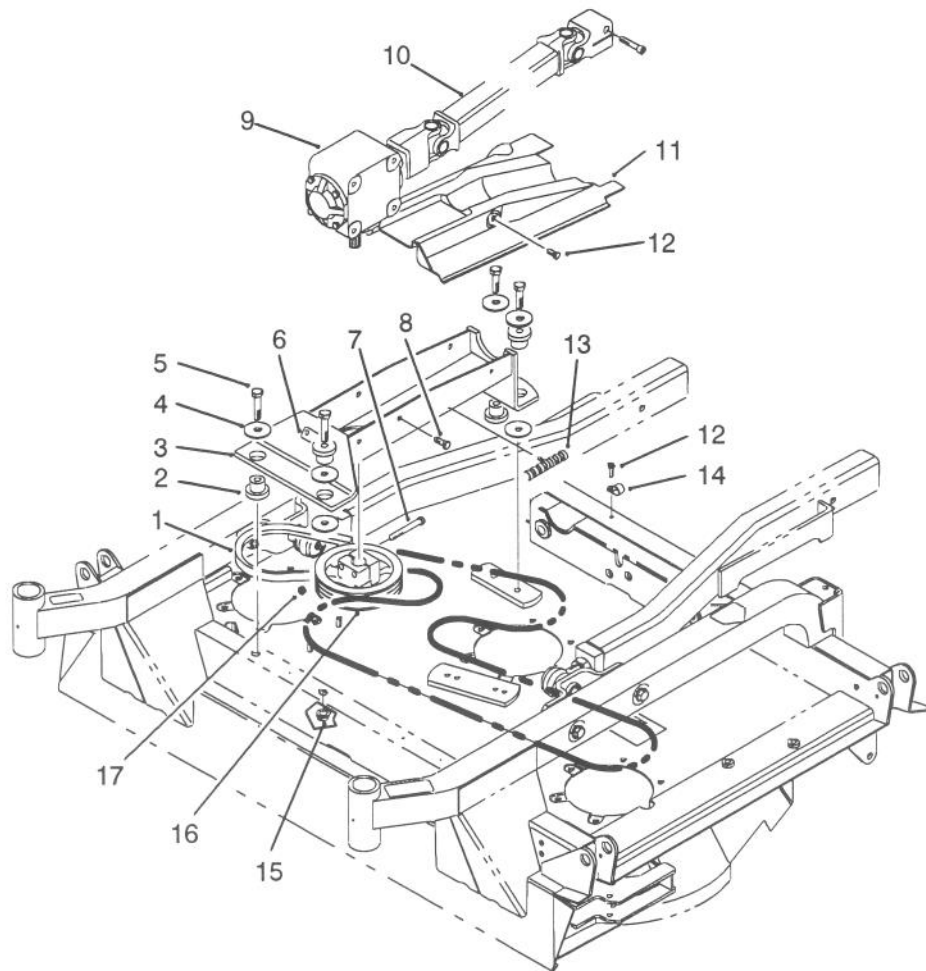


T-1462

CENTER DECK PULLEY ASSEMBLIES

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3290-467	Pin - Hair, Cotter	2	18	325-5	Screw - Cap Hex. Hd.	2
2	237-141	Grommet - Rubber	4	19	3290-483	Washer - Belleville	2
3	3290-378	Tie - Cable	2	20	86-1560	Spacer	2
4	86-2590	Rod - Clutch	2	21	86-2600	Washer	2
5	32128-19	Nut - Lock, Flange Hd.	2	22	92-0625	Pulley - Idler (Incl. Ref. #7 & 8)	2
6	322-8	Screw - Cap Hex. Hd.	8	23	86-1490	Rod End - LH Thread	2
7	84-0910	Spacer - Pulley	8	24	3220-12	Nut - Jam LH Thread	2
8	38-7820	Bearing - Pulley	8	25	86-1570	Rod - Threaded	2
9	92-0624	Pulley - Half (Incl. Ref. #6-8, & 11)	2	26	3220-5	Nut - Jam	2
10	323-13	Screw - Cap Hex. Hd.	4	27	86-1550	Rod End - RH Thread	2
11	32128-25	Nut - Lock, Flange Hd.	8	28	3296-45	Nut - Lock	2
12	86-1820	Bracket - Pulley	1	29	3256-26	Washer - Flat	2
13	32144-70	Screw - Hex. Flange Hd.	1	30	86-1530	Door W.A. - Trap, LH	1
14	3296-25	Nut - Lock	2	*	86-1590	Door W.A. - Trap, RH	1
15	32121-11	Pin - Roll	2	31	256-243	Bushing	2
16	48-7080	Cover - Handle	2	32	325-6	Screw - Cap Hex. Hd.	2
17	86-2400	Latch - Arm	2				

*Not Illustrated

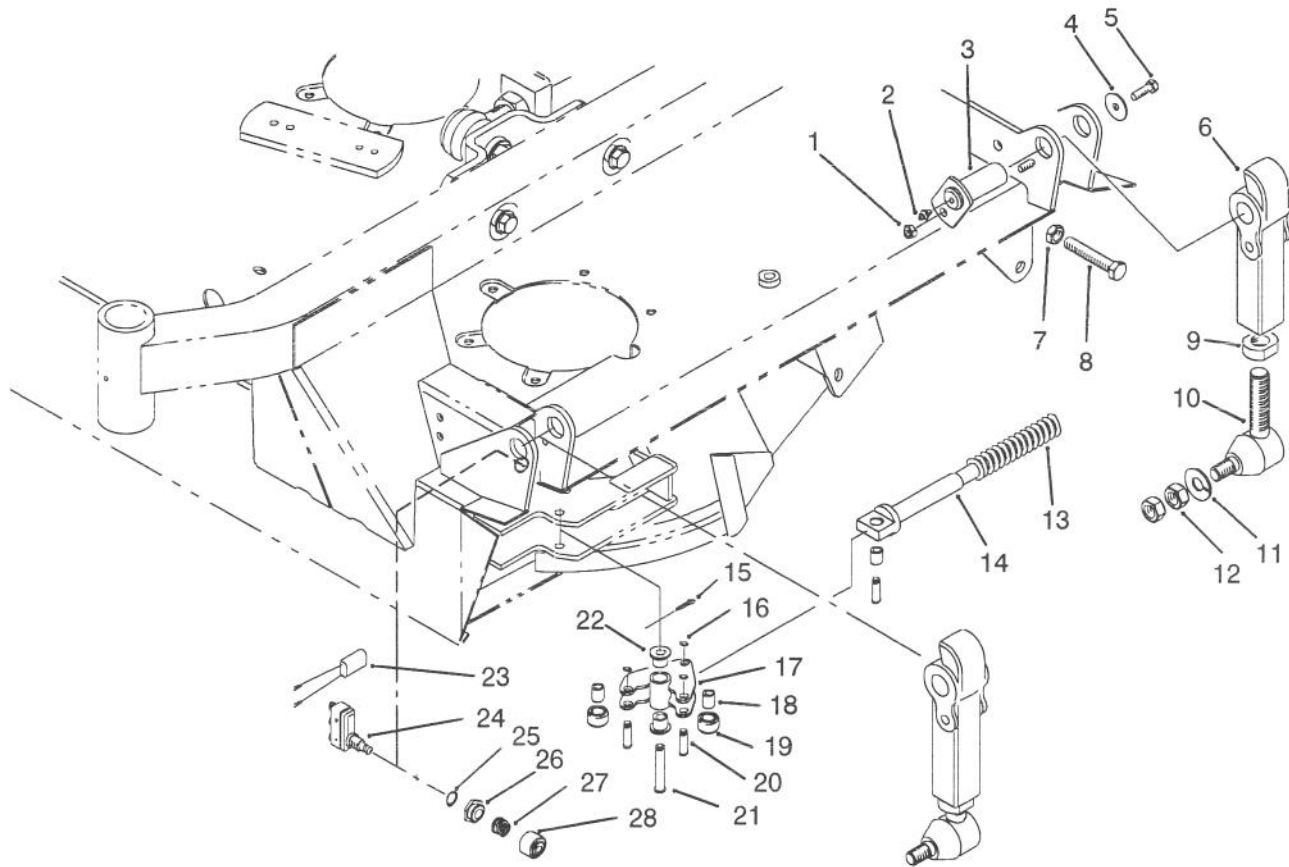


T-1455

GEAR BOX, MOUNT & DRIVE SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	86-1970	V-Belt	1	11	86-1830	Cover - Drive Shaft	1
2	84-1550	Mount - Rubber	4	12	32144-70	Screw - Hex. Flange Hd.	3
3	86-2020	Support - Gear Box	1	13	86-1910	Wire Harness	1
4	86-1990	Washer	6	14	2412-138	Clamp-R	1
5	325-9	Screw - Cap Hex. Hd.	4	15	32128-23	Nut - Hex. Flange Hd.	4
6	70-2560	Decal - Lube	1	16	86-1410	Pulley - Gearbox 6.50 Dia.	1
7	323-14	Screw - Cap Hex. Hd.	2	*	86-3100	Pulley - Gearbox 7.50 Dia. (Optional)	1
8	3234-1	Screw - Cap Hex. Hd.	4	17	3296-39	Nut - Lock	2
9	86-3090	Gear Box	1				
10	86-1730	Drive Shaft	1				

*Not Illustrated

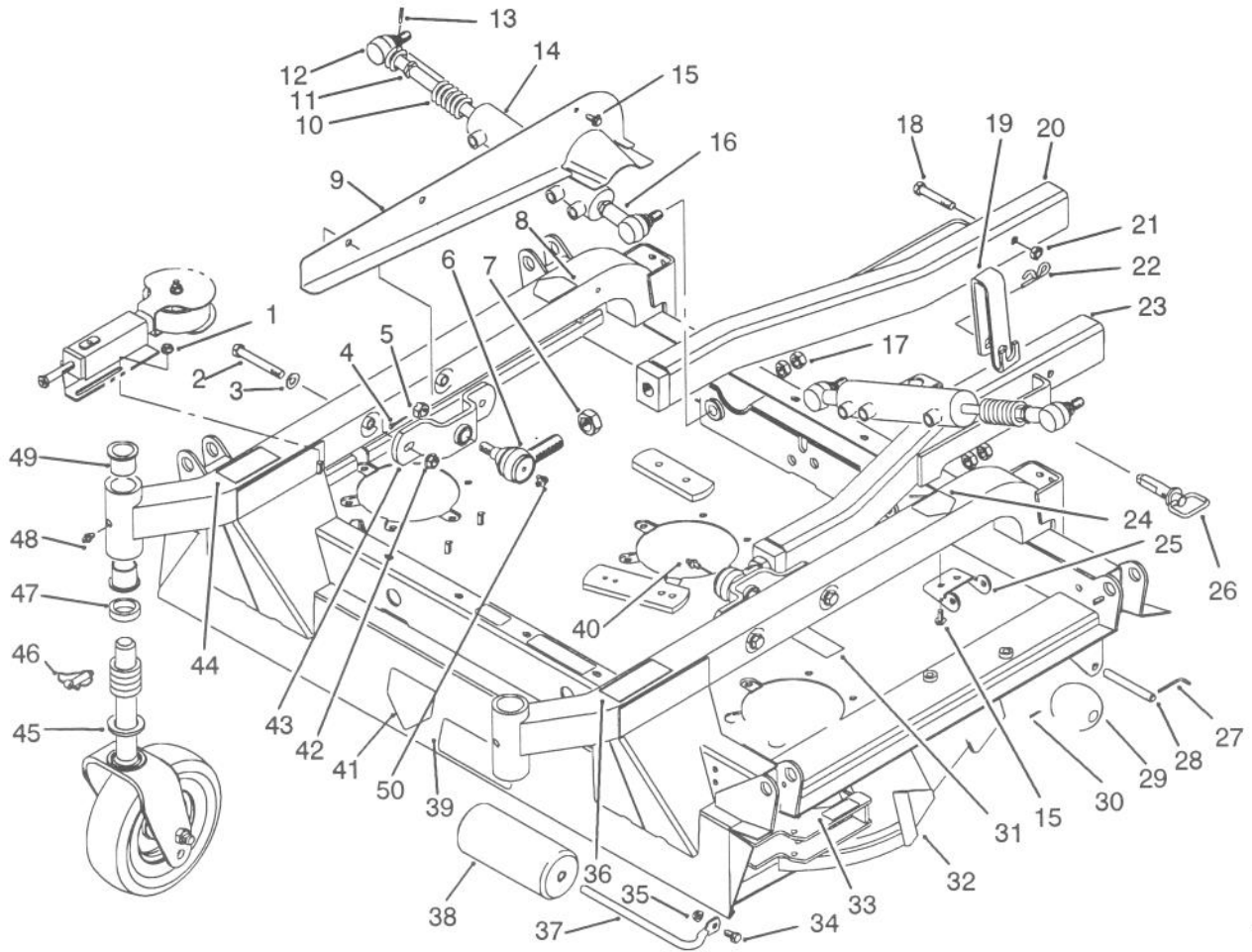


T-1466

PIVOT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-29	Nut - Lock	2
2	302-5	Fitting - Grease	4
3	84-1350	Pin - Pivot	2
4	53-6380	Washer	4
5	3274-80	Screw - Hex. Hd	4
6	84-0800	Arm - Pivot	4
7	3218-18	Nut - Jam	2
8	60-9870	Screw	2
9	86-2070	Nut	4
10	86-2080	Ball Joint	4
11	86-1440	Washer - Lock	8
12	3220-6	Nut	8
13	86-2560	Spring	2
14	86-2650	Support - Spring	2

Ref. No.	Part No.	Description	No. Used
15	3272-9	Pin - Cotter	2
16	32151-73	Ring - Retaining	6
17	86-2150	Lock W.A.	2
18	86-2090	Bushing	6
19	86-2120	Roller	4
20	86-2140	Pin - Clevis	6
21	86-2130	Pin - Clevis	2
22	86-2180	Bushing	4
23	72-3790	Wire Assembly	2
24	86-2680	Switch	2
25	92-0631	Washer	2
26	92-0630	Nut	2
27	92-0628	Spring	2
28	92-0629	Boot	2



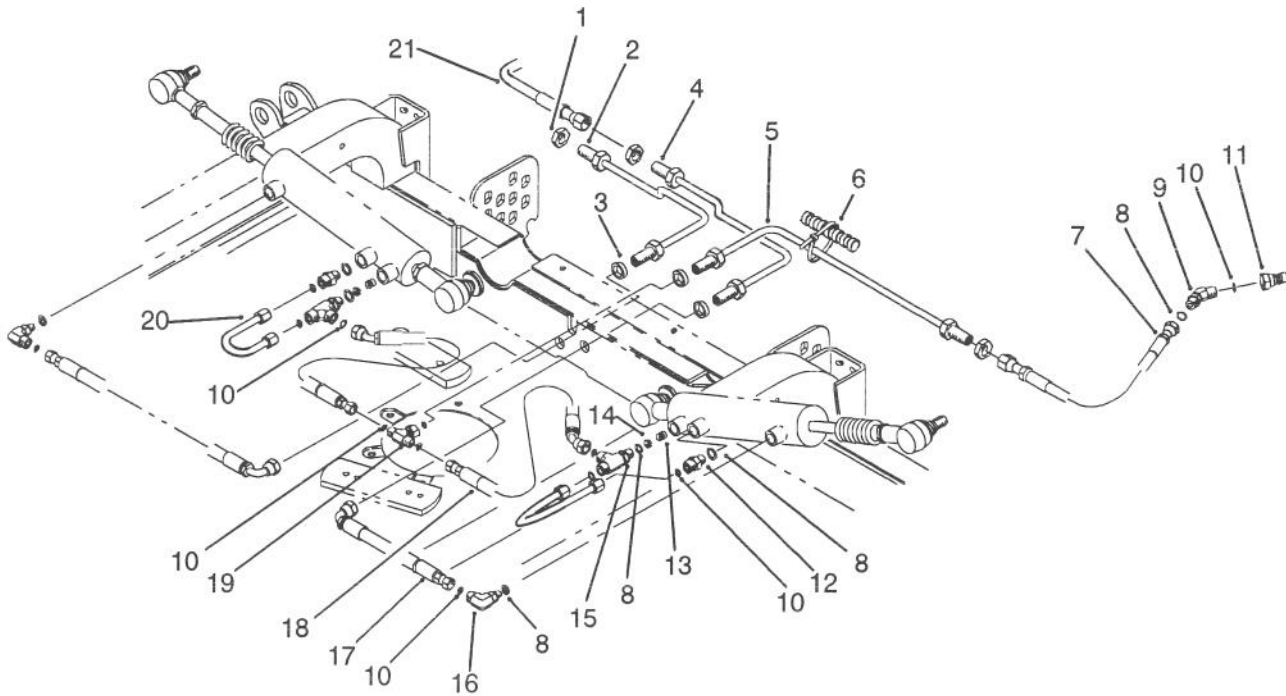
T-1459

CENTER DECK & CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128-19	Nut - Flange Hd.	2
2	325-15	Screw - Cap Hex. Hd.	4
3	3256-26	Washer - Flat	4
4	3272-12	Pin - Cotter	2
5	32136-2	Nut	2
6	86-8100	Ball - Joint	2
7	21-3000	Nut	2
8	86-0730	Decal - HOC, RH	1
9	86-2230	Cover - Guide, RH	1
*	86-2260	Cover - Guide, LH	1
10	86-2510	Spring	2
11	84-5300	Nut	4
12	86-2540	Ball Joint	2
13	32121-51	Pin - Roll	2
14	86-2190	Cylinder - Hydraulic	2
15	32144-70	Screw - Hex. Washer Hd.	6
16	86-2610	Ball Joint	2
17	3220-6	Nut - Jam	4
18	325-11	Screw - Cap Hex. Hd.	2
19	86-2380	Strap - Deck H.O.C.	2
20	86-2280	Frame - Carrier, RH	1
21	3296-23	Nut - Lock	2
22	3290-256	Pin - Cotter, Hair	2
23	86-2320	Frame - Carrier, LH	1
24	86-0720	Decal - HOC, LH	1
25	86-1890	Hinge	2
26	86-2390	Pin - HOC	2

Ref. No.	Part No.	Description	No. Used
27	57-0690	Pin	2
28	57-0680	Shaft	2
29	29-4820	Roller	2
30	3272-11	Pin - Cotter	2
31	86-0740	Decal - Belt	1
32	92-0621	Deck W.A. - Center (Incl. Ref. #8, 24, 31, 33, 36, 39, 41, 44 & 49)	1
33	55-4300	Decal - Warning	2
34	3234-1	Screw - Hex. Flange Hd.	1
35	32128-21	Nut - Flange Hd.	1
36	86-0780	Decal - HOC	1
37	68-6840	Shaft	1
38	68-6710	Roller	1
39	68-8340	Decal - Caution	1
40	302-2	Fitting - Grease	1
41	43-8480	Decal - Danger	1
42	32128-23	Nut - Flange Hd.	2
43	69-7290	Mount - Carrier	2
44	88-1270	Decal - Safety Std.	1
45	77-0950	Washer	2
46	3290-384	Pin - Lynch	2
47	69-1510	Spacer	10
48	302-5	Fitting - Grease	2
49	69-6470	Bushing	4
50	302-33	Fitting - Grease 90°	1

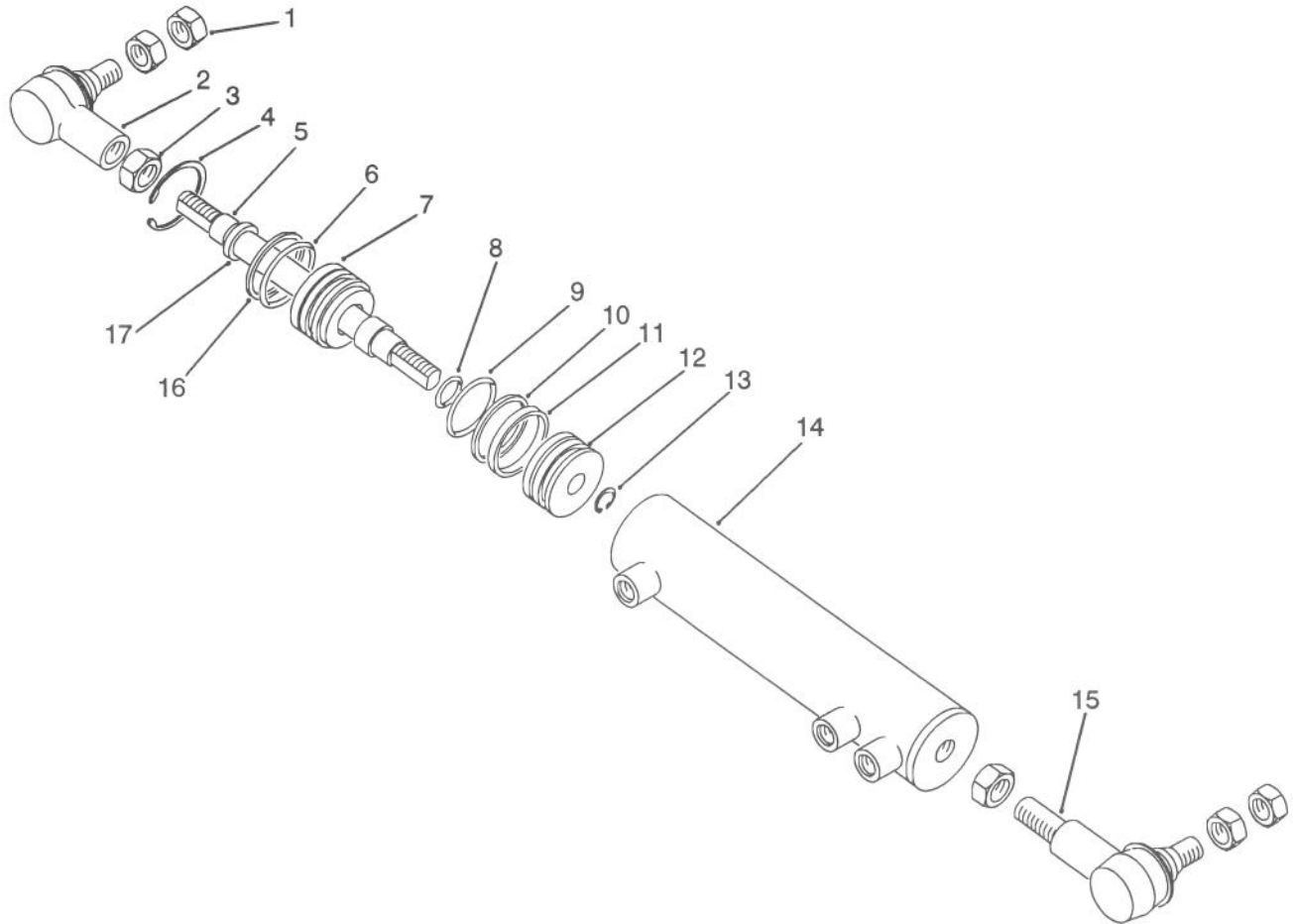
*Not Illustrated



T-1460

HYDRAULIC HOSE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	340-70	Nut - Lock, Bulkhead	6	12	340-2	Adapter - Straight	2
2	86-2480	Assembly - Tube	1	13	86-2630	Spring - Compression	2
3	86-0690	Spacer	3	14	86-2500	Orifice	2
4	86-2490	Assembly - Tube	1	15	340-86	Fitting - Hydraulic, Tee	2
5	86-2470	Assembly - Tube	1	16	340-77	Elbow - Hydraulic 90°	2
6	3290-378	Tie - Cable	1	17	86-2440	Assembly - Hose	2
7	86-2460	Assembly - Hose	2	18	86-2450	Assembly - Hose	2
8	237-42	O-Ring	14	19	340-166	Fitting	1
9	340-87	Fitting - Hydraulic	3	20	86-2640	Assembly - Tube, Cylinder	2
10	237-22	O-Ring	9	21	86-1420	Hose - Hydraulic	1
11	86-5460	Nipple - Coupler	3				



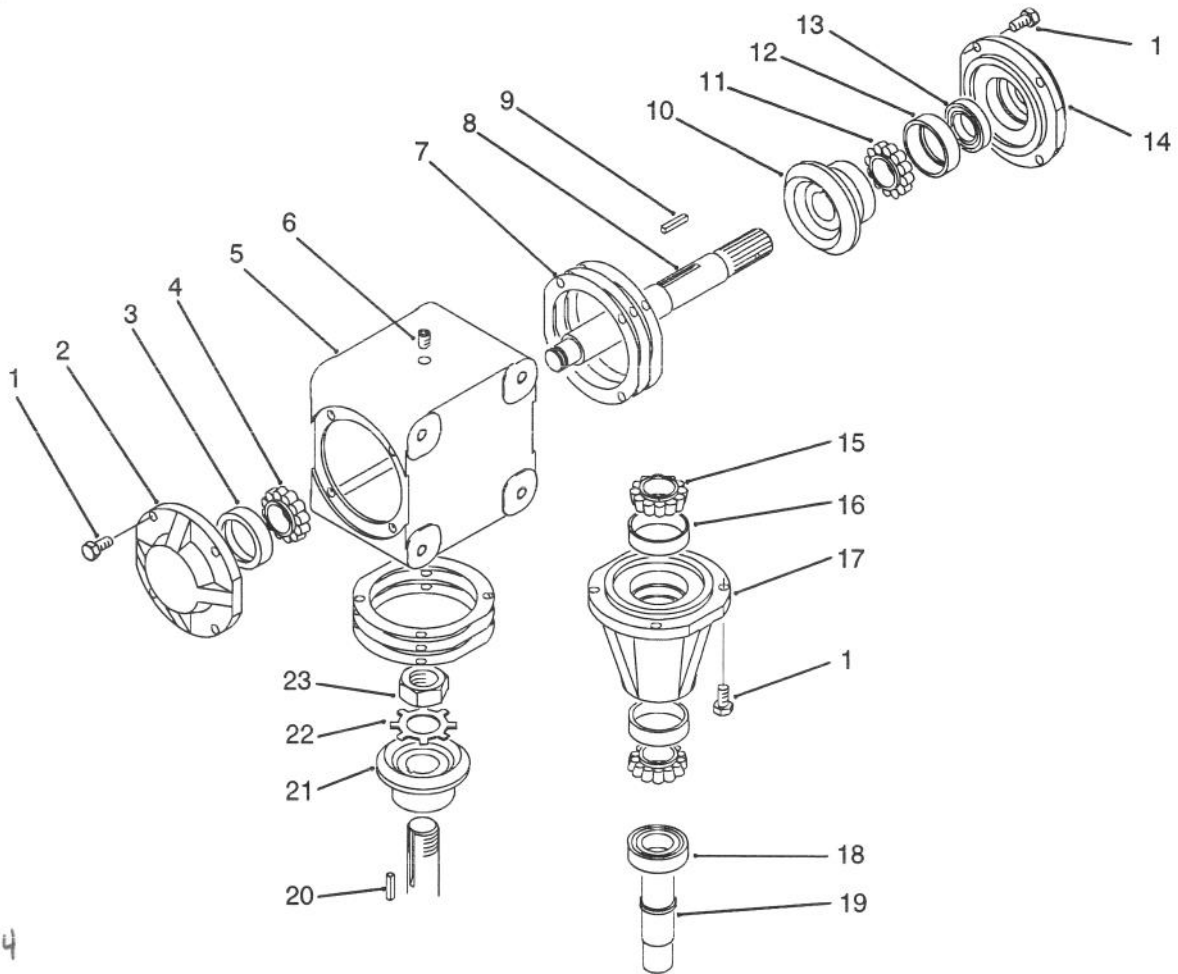
T-1464

HYDRAULIC CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3220-6	Nut - Jam	4
2	83-1640	Assembly - Rod End	1
3	84-5300	Nut - Jam	2
4		Ring - Retaining	1
5	92-0603	Rod	1
6		O-Ring	1
7	92-0604	Head - Ring, Retaining	1
8		O-Ring	1
9		O-Ring	1
10		Ring - Piston	1
11		Ring - Wear	1

Ref. No.	Part No.	Description	No. Used
12	92-0601	Piston	1
13		Ring - Retaining	1
14	92-0602	Assembly - Barrel	1
15	86-2610	Assembly - Rod End	1
16		Back-up	1
17		Wiper	1
*	86-2190	Assembly - Cylinder (Incl. Ref. 4-14 & 16-17)	1
*	92-0600	Kit - Seal (Incl. Ref. #4, 6, 8-11, 13 & 16-17)	1

*Not Illustrated



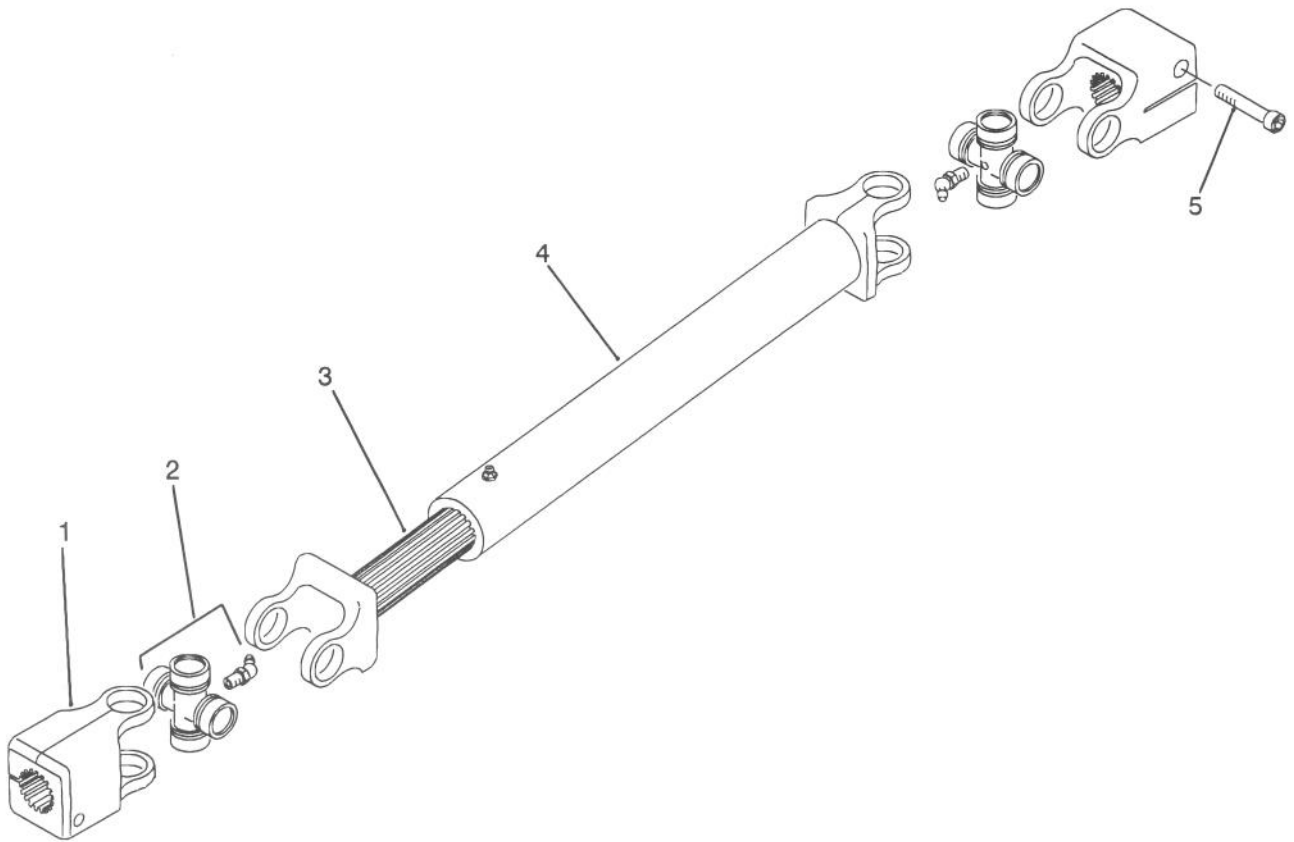
T-1463

GEAR BOX ASSEMBLY 86-3090

Ref. No.	Part No.	Description	No. Used
1	62-3310	Screw	12
2	62-3320	Cap - Blank	1
3	62-3340	Cup - Bearing	1
4	254-78	Cone - Bearing	1
5	92-0605	Housing	1
6	62-3490	Plug - Pipe	3
7	21-6180	Gasket - .015	A/R
*	62-3430	Gasket - .005	A/R
*	62-3440	Gasket - .003	A/R
8	92-0620	Shaft - Thru	1
9	92-0606	Key	1
10	92-0607	Gear - RH	1
11	92-0610	Cone - Bearing	1

Ref. No.	Part No.	Description	No. Used
12	92-0611	Cup - Bearing	1
13	92-0609	Seal	1
14	92-0608	Cap - Thru	1
15	92-0616	Cone - Bearing	2
16	92-0617	Cup - Bearing	2
17	92-0618	Hub	1
18	92-0615	Seal	1
19	92-0614	Shaft - Pinion	1
20	62-3380	Key	1
21	92-0619	Gear - LH	1
22	92-0613	Washer - Lock	1
23	92-0612	Nut - Lock	1

*Not Illustrated



T-1465

DRIVE SHAFT ASSEMBLY 86-1730

Ref. No.	Part No.	Description	No. Used
1	86-1150	Yoke - End	2
2	86-1160	Kit - Universal	2
3	86-1170	Shaft - Slip Yoke	1

Ref. No.	Part No.	Description	No. Used
4	86-1180	Tube - Slip Yoke	1
5	3273-17	Screw - Hex. Socket Hd.	2

TORO PART NUMBER INDEX

3315-121

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-1506	Bushing - Flange	3 9 2	46-6560	Bushing - Rubber	19 9 2
3-3251	Spring	9 40 1	46-6810	Assy. - Screw & Washer	17 1 4
3-6498	Washer	27 49 1	46-6810	Screw - Hex. Washer Hd.	1 3 9
5-2512	Bushing - Sleeve	7 19 2	46-6811	Screw - Hex. Washer Hd.	32 52 2
10-6830	Stud - Drive	53 37 10	46-8091	Screw - Hex. Washer Hd.	1 16 4
10-8110	Washer - Thrust	9 13 1	47-6990	Nut	9 27 1
14-0859	Fuel Tank Plate Assembly	19 25 1	48-1800	Cylinder Block Kit	5 2 1
14-0939	Radiator Mount Assembly	52 8 1	48-4590	Horn	12 32 1
14-7479	Hood W.A.	1 19 1	48-4970	Bolt - Hex. Head	25 11 3
20-9500	Washer	10 55 2	48-7080	Cover - Handle	82 16 2
21-2820	Hub - Wheel	53 28 2	48-7081	Sleeve	2 56 2
21-3000	Nut	85 7 2	48-7570	Screw - Cap Hex. Hd.	32 19 3
21-4191	Seat Belt Assembly	71 1 1	48-7610	Screw - Cap Hex. Hd.	33 97 3
21-6180	Gasket - .015	88 7A/R	48-7640	Bolt - Valve Cover	39 46 3
21-9260	Cover - Dust	9 6 1	48-7640	Screw - Cap Hex. Hd.	43 9 3
23-7270	Nut - Wheel	6 17 10	48-7700	Screw - Cap Hex. Hd.	38 23 3
25-2380	Plate - Thrust	5 10 1	48-7700	Screw - Cap Hex. Hd.	32 25 10
25-2430	Pin - Straight	5 13 1	48-7700	Screw - Hex. Washer Hd.	41 5 2
27-2360	Switch - Ignition	16 20 1	48-7730	Screw - Cap Hex. Hd.	32 26 1
27-3710	Dipstick	3 21 1	48-7780	Screw - Cap Hex. Hd.	33 94 3
27-7110	Element Assembly	51 4 1	48-7810	Screw - Cap Hex. Hd.	32 27 3
27-7120	Nut & Gasket Assembly	51 5 1	48-7810	Screw-Mounting	49 5 3
27-7130	Clamp Assembly	51 7 1	48-7840	Screw - Cap Hex. Hd.	32 17 1
27-7140	Skirt - Baffle	51 6 1	48-7880	Nut	46 14 1
27-7150	Cap Assembly	51 8 1	48-7880	Nut - Hex.	14 5 2
27-7170	Assembly - Band	33 90 2	48-7880	Nut - Hex.	15 28 1
27-7170	Band Assembly	51 3 1	48-7880	Nut - Hex.	50 5 5
28-3380	Plate - Valve	5 1 1	48-7890	Nut - Hex.	14 4 1
28-3520	O-Ring	30 31 1	48-7890	nut - Hex.	15 29 1
28-3570	O-Ring	30 11 1	48-7930	Nut - Hex.	14 3 1
29-2770	Washer - Thrust	66 18 2	48-9460	Screw - Cap Hex. Hd.	48 2 3
29-4820	Roller	85 29 2	48-9460	Screw - Cap Hex. Hd.	38 18 2
29-6163	Switch - Micro	27 26 1	48-9460	Screw - Cap Hex. Hd.	32 24 1
31-0390	Washer - Friction	10 56 2	48-9460	Screw - Hex. Washer Hd.	41 7 2
37-2690	Capacitor	12 12 1	48-9470	Screw - Cap Hex. Hd.	32 16 1
37-8770	Screw - Hex. Washer Hd.	52 24 2	49-0170	Seal Kit	11 * 1
38-7820	Bearing	73 1 6	49-2640	Seal-Shaft	29 5 1
38-7820	Bearing	80 2 4	49-2660	Frontplate Assembly	29 7 1
38-7820	Bearing	74 15 6	49-2670	Plate-Wear	29 13 1
38-7820	Bearing - Pulley	82 8 8	49-2680	Seal - O-Ring (Molded)	29 10 1
43-8480	Decal - Danger	80 11 2	49-2690	Gasket-Backup	29 12 1
43-8480	Decal - Danger	74 7 2	49-2700	Seal-Bearing	29 11 1
43-8480	Decal - Danger	85 41 1	52-9230	Ring-Retaining	11 3 1
43-8600	Spring - Switch	12 20 1	52-9240	Bushing-Seal, Gland	11 4 1
43-8610	Guide - Spring & Ball	3 50 1	52-9250	Needle Bearing Kit	11 * 1
43-8610	Guide	12 19 1	52-9260	Screw-Set	11 1 1
43-8620	Guide - Pin, Switch	12 22 1	52-9270	Seat-Ball, Check	11 24 1
43-8860	Plunger - Switch	12 21 1	52-9280	Ball-Check	11 22 1
43-8870	Boot - Switch	12 11 1	52-9290	Retainer-Check Ball	11 21 1
43-9071	Assy. - Switch, Seat	12 * 1	53-6380	Washer	74 25 1
44-2200	Bolt - Blade	76 14 1	53-6380	Washer	80 26 1
44-2200	Bolt - Blade	77 14 1	53-6380	Washer	84 4 4
44-2200	Bolt - Blade	78 16 1	53-9480	Washer - Rebound	32 21 4
44-8320	Spring	26 9 3	53-9681	Mount - Rubber, Engine	32 14 2
44-8320	Spring	79 10 3	53-9682	Mount - Rubber, Eng	33 93 1
46-0330	Nut	46 32 3	55-4130	Hose - Fuel	32 53 1
46-0330	Nut - Hex.	48 11 2	55-4300	Decal - Warning	72 12 1
46-0330	Nut - Lock	37 1 6	55-4300	Decal - Warning	85 33 2
46-0330	Nut - Lock	40 11 1	56-6710	Seal - O-Ring	29 9 2
46-0330	Nut-Hex	49 1 2	56-7973	Clamp	31 20 2
46-6550	Fitting - Fuel 90°	19 6 2	56-7973	Clamp - Hose	57 58 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3315-121

Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
56-7973	Clamp - Tube	9	46 4	62-7650	Gasket - Sending Unit	19	28 1
56-7973	Clamp - Tube	54	56 2	63-1400	Rod - Belt	74	26 1
57-0680	Shaft	85	28 2	63-4090	Fitting - Adapter 90°	17	16 1
57-0690	Pin	85	27 2	63-7590	Relay - SPDT	12	29 1
57-5420	Screw - Shoulder	23	1 1	63-7590	Relay - SPDT	15	11 2
58-6290	Poppet Assembly	18	34 3	63-7622	Hose - Fuel	19	22 2
58-6310	Spacer	18	28 3	65-7622	Hose - Fuel	32	34 1
58-6320	Wiper - Seal	18	24 3	63-7626	Hose - Fuel	19	7 1
58-6330	Seat Assy.	18	35 3	63-7627	Hose - Fuel	19	8 1
58-6340	Seal - O-Ring	18	36 3	63-7627	Hose - Fuel	32	36 1
58-6350	Plug Assembly	18	11 3	63-7672	Hose - Fuel	32	34 1
58-6370	Washer - Back-Up	18	10 6	63-7880	Latch - Brake	8	16 1
58-6400	Bushing	18	25 3	63-7900	Rack - Brake	9	37 1
58-6420	Cap Assembly	18	30 3	63-8360	Key - Ignition	16	5 1
58-6440	Poppet	18	22 1	63-8410	Washer	27	17 3
58-6450	Seal - O-Ring	18	12 6	63-8410	Washer	8	34 1
58-6460	Ring - Retaining	18	29 3	63-9751	Mount - Linkage Rod	8	10 4
58-6470	Washer	18	18A/R	63-9751	Mount - Rubber	27	21 4
58-6480	Washer	18	19A/R	65-5100	Handle - Hood	1	18 2
58-6490	Washer	18	20A/R	65-7980	Nut - Hex. Flange	50	6 1
58-6700	Washer	18	26 3	66-1340	Decal - Danger	80	13 1
58-6720	Seal - O-Ring	18	7 1	66-1340	Decal - Danger	74	16 1
58-6730	Spring	18	27 3	66-1930	Nut - Lock	59	11 1
58-6750	Seal - O-Ring	18	17 1	66-1940	Piston	59	4 1
58-6760	Spring	18	3 3	66-2490	Clamp - Battery	32	5 1
58-6770	Plunger - Detent	18	4 3	66-2871	Cable - Hood	1	13 1
58-6780	Plug Assy.	18	1 3	66-2871	Cable - Hood	32	47 1
58-6790	Seal - O-Ring	18	5 3	66-2920	Washer - Nylon	8	39 1
59-6430	Valve - Check	10	61 1	66-2940	Gauge - Fuel	16	10 1
59-6730	Race - Bearing	11	7 2	66-2950	Meter - Hour	16	11 1
59-6740	Bearing - Needle, Thrust	11	8 1	66-2960	Cluster - Warning Light	16	8 1
59-6820	Centering Spring Kit	11	11 1	66-3240	Cap - Expansion Tank	33	54 1
59-6830	Kit - Centering Pin	11	20 1	66-5400	Seat Assembly	68	1 1
59-6850	Plate - Spacer	11	14 1	66-5400	Seat Assembly	13	2 1
59-6860	Drive	11	15 1	66-6480	Washer	7	6 2
59-6890	Cap - End	11	18 1	66-8510	Adjuster & Handle Assembly	13	6 1
60-3520	O - Ring	29	25 1	66-8520	Bumper - Seat	13	5 2
60-3780	Seal Kit	18	* 1	66-8530	Adjuster Assembly	13	10 1
60-5710	Plug Assembly	29	18 1	66-8540	Hanger - Spring	13	* 1
60-5720	Seal - O-Ring	18	9 6	66-8550	Rod - Pivot	13	* 2
60-5730	Disc	29	20 1	66-8560	Nut - Push	13	* 4
60-5860	Plug Assembly	29	24 1	66-8580	Bushing - Suspension	13	* 4
60-5890	Washer	29	6 1	66-8600	Plate - Seat Base	13	4 1
60-6450	Disc	18	2A/R	66-8610	Suspension - Seat	13	13 1
60-6700	Screw - Cap Hex. Hd.	40	19 1	66-9290	Spacer - Suspension	13	12 4
60-6700	Screw - Cap Hex. Hd.	46	34 1	66-9303	Screw - Hex. Flange Hd.	27	38 6
60-6760	Screw - Cap Hex. Hd.	46	2 4	66-9303	Screw - Flange Head	25	6 6
60-9870	Screw	84	8 2	67-0870	Screw - Shoulder	2	42 2
61-2790	Screen	23	3 1	67-1300	Decal - TORO	52	18 1
62-1230	Washer	1	21 2	67-5770	Washer - Blade	76	13 1
62-1230	Washer	32	46 2	67-5770	Washer - Blade	77	13 1
62-2170	Washer - Thrust	53	20 4	67-5770	Washer - Blade	78	15 1
62-3310	Screw	88	1 12	67-7050	Field Rotor Assembly	79	1 1
62-3320	Cap - Blank	88	2 1	67-7060	Ring - Retaining	79	8 1
62-3340	Cup - Bearing	88	3 1	67-7080	Collar - Bearing	79	6 1
62-3380	Key	88	20 1	67-7090	Bearing - Pulley	79	7 1
62-3430	Gasket - .005	88	*A/R	67-7100	Plate - Brake	79	11 1
62-3440	Gasket - .003	88	*A/R	67-7160	Holder - Fuse	15	20 1
62-3490	Plug - Pipe	88	6 3	67-7180	Link - Fusible	14	8 1
62-6430	Gasket - .005	88	*A/R	67-9410	Washer - Flat	56	45 5
62-7400	Decal - TORO	1	1 1	67-9550	Cushion - Seat	13	1 1

*Not Illustrated

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Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
67-9560	Bucket - Seat	13	3 1	71-2530	Assembly - Bearing	76	15 1
68-3220	Key - Square	78	4 1	71-2530	Assembly - Bearing	77	15 1
68-3280	Spring - Seat	68	4 2	71-2530	Assembly - Bearing	78	17 1
68-6150	Breather	19	10 2	71-4580	Roller - Clutch	56	29 1
68-6480	Bushing - Flange	66	19 4	71-4590	Washer - Thrust	56	27 2
68-6710	Roller	85	38 1	72-0130	Kit - Horn	9	26 1
68-6840	Shaft	85	37 1	72-3790	Wire Assembly	84	23 2
68-7573	Seal - Shroud	1	10 2	72-4320	Switch - Ball	12	17 1
68-8340	Decal - Caution	85	39 1	72-4320	Switch - Ball	3	22 1
68-8080	Wheel - Steering	9	25 1	72-9361	Cup - Anti-Scalp	76	12 1
68-9420	Washer - Lock	42	8 6	72-9361	Cup - Anti-Scalp	77	12 1
68-9420	Washer - Lock	40	10 6	72-9361	Cup - Anti-Scalp	78	14 1
68-9420	Washer - Lock	38	17 5	74-0720	Tube - Manual	12	1 1
68-9420	Washer - Lock	46	36 3	74-3410	Radiator	52	6 1
68-9420	Washer - Lock	33	81 4	74-3450	Cylinder - Hydraulic	56	46 1
68-9420	Washer - Spring	42	1 7	74-3630	Actuator - Brake	6	5 2
68-9420	Washer - Spring	46	3 8	74-3640	Disc - Brake	6	4 4
68-9420	Washer - Spring	48	3 6	74-3650	Fan	33	63 1
68-9420	Washer - Spring	43	4 3	74-3660	Valve - Control, Steering	10	59 1
69-0760	Bracket - Armrest L.H.	69	* 1	74-3670	Assy. - Column, Steering	9	11 1
69-0770	Bracket - Armrest R.H.	69	4 1	74-4010	Wireform W.A.	32	50 1
69-1170	Gauge - Sight	23	6 1	74-4050	Bracket - Support, Hood	32	43 1
69-1180	Armrest	69	1 2	74-4080	Orifice - Breather	24	46 1
69-1260	Spacer	69	6 4	74-4090	Tread - Foot	2	48 1
69-1510	Spacer	80	23 5	74-4230	Bracket - Mount, Filter	23	10 1
69-1510	Spacer	85	47 10	74-4900	Tube - Water, Return	33	87 1
69-1510	Spacer - Fork	74	24 5	74-4980	Shroud - Fan Upper	52	3 1
69-1530	Housing - Spindle	76	7 1	74-4990	Shroud - Fan, Bottom	52	46 1
69-1530	Housing - Spindle	77	7 1	74-5000	Rear Axle Assembly	53	23 1
69-1530	Housing - Spindle	78	9 1	74-5250	Pin - Axle Pivot	54	52 1
69-1560	Lever - Lock	9	33 1	74-5250	Pin - Axle Pivot	57	54 1
69-1780	Assembly - Valve, Lift	17	15 1	74-5330	Spindle - L.H.	53	24 1
69-1790	Plunger	18	37 2	74-5350	Spindle - R.H.	53	* 1
69-1800	Plug Assembly	18	32 3	74-5440	Hub - Wheel	6	13 2
69-1810	Spring	18	33 3	74-5460	Angle Radiator Support	52	38 1
69-1820	Spring - Black	18	21 1	74-5470	Mount - Engine	32	15 1
69-1830	Plug Assembly	18	16 1	74-5500	Bolt - Wheel	56	41 10
69-1840	Plunger	18	31 1	74-5510	Assembly - Engine	32	29 1
69-3020	Latch - Draw	2	33 2	74-5520	Clutch - Fan	33	66 1
69-4780	Clamp - Gauge	16	14 1	74-5580	Tank - Fuel	19	32 1
69-6470	Bushing	74	2 2	74-5590	Gasket - Exhaust, Manifold	33	68 1
69-6470	Bushing	80	22 2	74-5620	Axle - 4WD	56	36 1
69-6470	Bushing	85	49 4	74-5630	Adapter	61	12 1
69-6470	Bushing - Flange	53	21 4	74-5700	Bearing - Needle	56	17 1
69-6950	Spacer - Spindle	76	10 1	74-5760	PCV Valve	33	74 1
69-6950	Spacer - Spindle	77	10 1	74-5770	Lever - Shift	9	15 1
69-6950	Spacer - Spindle	78	12 1	74-5790	Shaft - Pivot	9	17 1
69-7010	Lever W.A. - Valve, L.H.	17	* 1	74-5860	Sending Unit - Fuel	19	29 1
69-7290	Mount - Carrier	85	43 2	74-5910	Fitting - Bulkhead, Special	17	27 1
69-8890	Cap - Spindle	53	18 2	74-5930	Hose - Radiator, Upper	32	31 1
69-9140	Link - Lever, Valve	17	9 3	74-5930	Hose - Radiator, Upper	52	44 1
69-9300	Pad - Bumper	66	26 2	74-5980	Muffler W.A.	33	82 1
70-1380	Protector - Sleeve	31	15 1	74-6000	Air Cleaner Assembly	51	1 1
70-1380	Sleeve - Protective	66	9 1	74-6000	Assembly - Air Cleaner	33	76 1
70-1380	Sleeve - Protective	52	21 1	74-6010	Hose - Overflow	33	62 1
70-1480	Relay - Sealed	15	5 1	74-6020	Hose - Radiator, Lower	52	45 1
70-1480	Relay - Starter	19	35 1	74-6020	Hose - Radiator, Lower	33	70 1
70-2560	Decal - Lube	83	6 1	74-6030	Hose - Air Cleaner	32	37 1
70-2560	Decal - Oil	1	8 1	74-6040	Hose - Return	32	49 1
70-8621	Cap - Fuel	19	3 1	74-6050	Lever W.A. - Valve, Center	17	* 1
70-8640	Cap - Oil	23	2 1	74-6060	Lever W.A. - Valve, R.H.	17	12 1

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Part No.	Description	Pg. Ref.			Part No.	Description	Pg. Ref.		
		No.	No.	Qty.			No.	No.	Qty.
74-6110	Stop - Pedal	8	38	1	74-7050	Insert - Valve (3.225mm)	38	*	8
74-6230	Assy. - Tube, Traction	23	41	1	74-7060	Insert - Valve (3.250mm)	38	*	8
74-6400	Assembly - Tube	52	33	1	74-7070	Insert - Valve (3.275mm)	38	*	8
74-6400	Assembly - Tube, Filter Line	23	12	1	74-7080	Insert - Valve (3.300mm)	38	*	8
74-6450	Bracket - Bulkhead	53	5	1	74-7090	Insert - Valve (3.325mm)	38	*	8
74-6450	Bracket - Bulkhead	57	49	1	74-7100	Insert - Valve (3.350mm)	38	*	8
74-6490	Hose - Water Line	33	72	2	74-7110	Insert - Valve (3.375mm)	38	*	8
74-6520	Washer - Flat	37	2	6	74-7120	Insert - Valve (3.400mm)	38	*	8
74-6530	Stud	37	3	6	74-7130	Insert - Valve (3.425mm)	38	*	8
74-6530	Stud	40	9	1	74-7140	Insert - Valve (3.450mm)	38	*	8
74-6540	Tappet - Valve	37	4	8	74-7150	Insert - Valve (3.475mm)	38	*	8
74-6550	Cup - Upper Valve Spring	37	5	8	74-7160	Insert - Valve (3.500mm)	38	*	8
74-6560	Spring - Valve	37	6	8	74-7170	Insert - Valve (3.550mm)	38	*	8
74-6570	Cup - Lower Valve Spring	37	7	8	74-7180	Insert - Valve (3.625mm)	38	*	8
74-6580	Insert - Valve (1.650mm)	37	8	8	74-7190	Insert - Valve (3.700mm)	38	*	8
74-6590	Insert - Valve (1.725mm)	37	*	8	74-7200	Insert - Valve (3.775mm)	38	*	8
74-6600	Insert - Valve (1.800mm)	37	*	8	74-7210	Insert - Valve (3.850mm)	38	*	8
74-6610	Insert - Valve (1.900mm)	37	*	8	74-7220	Insert - Valve (3.925mm)	38	8	8
74-6620	Insert - Valve (1.975mm)	37	*	8	74-7230	Insert - Valve (4.000mm)	38	*	8
74-6630	Insert - Valve (2.050mm)	37	*	8	74-7240	Collar - Split	38	9	16
74-6640	Insert - Valve (2.125mm)	37	*	8	74-7250	Gasket - Fitting	38	10	1
74-6650	Insert - Valve (2.225mm)	37	*	8	74-7260	Bolt - Head	38	11	10
74-6660	Insert - Valve (2.250mm)	37	*	8	74-7270	Washer - Flat	38	12	10
74-6670	Insert - Valve (2.275mm)	37	*	8	74-7280	Plug	38	13	2
74-6680	Insert - Valve (2.300mm)	37	*	8	74-7340	Fitting - Coolant	38	19	1
74-6690	Insert - Valve (2.325mm)	37	*	8	74-7350	Hose	38	20	1
74-6700	Insert - Valve (2.350mm)	37	*	8	74-7360	Tube - Collector	38	21	1
74-6710	Insert - Valve (2.375mm)	37	*	8	74-7390	Hose - Elbow	38	24	1
74-6720	Insert - Valve (2.400mm)	37	*	8	74-7400	Tube	38	25	1
74-6730	Insert - Valve (2.425mm)	37	*	8	74-7410	Plug	38	26	2
74-6740	Insert - Valve (2.450mm)	37	*	8	74-7420	Ball	38	27	4
74-6750	Insert - Valve (2.475mm)	37	*	8	74-7430	Chamber - Turbulence	38	28	4
74-6760	Insert - Valve (2.500mm)	37	*	8	74-7440	Chamber - Turbulence	38	*	4
74-6770	Insert - Valve (2.525mm)	37	*	8	74-7450	Seat - Intake Valve	39	29	4
74-6780	Insert - Valve (2.550mm)	37	*	8	74-7460	Seat - Intake Valve	39	*	4
74-6790	Insert - Valve (2.575mm)	37	*	8	74-7470	Valve - Exhaust	39	31	4
74-6800	Insert - Valve (2.600mm)	37	*	8	74-7480	Valve - Intake	39	30	4
74-6810	Insert - Valve (2.625mm)	37	*	8	74-7490	Seat - Exhaust Valve	39	32	4
74-6820	Insert - Valve (2.650mm)	37	*	8	74-7500	Seat - Exhaust Valve	39	*	4
74-6830	Insert - Valve (2.675mm)	37	*	8	74-7510	Guide - Valve (14.29mm)	39	33	8
74-6840	Insert - Valve (2.700mm)	37	*	8	74-7520	Guide - Valve (14.59mm)	39	*	8
74-6850	Insert - Valve (2.725mm)	37	*	8	74-7530	Gasket - Head (1.61mm)	39	34	1
74-6860	Insert - Valve (2.750mm)	37	*	8	74-7540	Gasket - Head (1.73mm)	39	*	1
74-6870	Insert - Valve (2.775mm)	37	*	8	74-7550	Screw - Cap Hex. Hd.	39	35	2
74-6880	Insert - Valve (2.800mm)	37	*	8	74-7560	Washer	35	8	6
74-6890	Insert - Valve (2.825mm)	37	*	8	74-7560	Washer - Lock	39	36	2
74-6900	Insert - Valve (2.850mm)	37	*	8	74-7560	Washer - Spring	44	4	4
74-6910	Insert - Valve (2.875mm)	37	*	8	74-7560	Washer - Spring	43	7	5
74-6920	Insert - Valve (2.900mm)	37	*	8	74-7560	Washer - Spring	41	9	2
74-6930	Insert - Valve (2.925mm)	37	*	8	74-7560	Washer - Spring	46	41	2
74-6940	Insert - Valve (2.950mm)	37	*	8	74-7580	Plate	39	38	1
74-6950	Insert - Valve (2.975mm)	37	*	8	74-7590	Gasket	39	39	1
74-6960	Insert - Valve (3.000mm)	37	*	8	74-7600	Plug	39	40	4
74-6970	Insert - Valve (3.025mm)	38	8	8	74-7610	Cylinder Head Assembly	39	41	1
74-6980	Insert - Valve (3.050mm)	38	*	8	74-7620	Plug	39	42	1
74-6990	Insert - Valve (3.075mm)	38	*	8	74-7630	Gasket - Valve Cover	39	43	1
74-7000	Insert - Valve (3.100mm)	38	*	8	74-7640	Cover - Valve	39	44	1
74-7010	Insert - Valve (3.125mm)	38	*	8	74-7650	Washer - Flat	39	45	3
74-7020	Insert - Valve (3.150mm)	38	*	8	74-7670	Head Bolt & Washer Set	39	*	1
74-7030	Insert - Valve (3.175mm)	38	*	8	74-7690	Cap - Filler	34	2	1
74-7040	Insert - Valve (3.200mm)	38	*	8	74-7700	Dipstick - Oil	34	3	1

*Not Illustrated

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Part No.	Description	Pg. Ref.			Part No.	Description	Pg. Ref.		
		No.	No.	Qty.			No.	No.	Qty.
74-7710	Hose - Breather	34	4	1	74-8320	Piston Ring Set (Stage #1)	35	23	4
74-7720	Hose - PVC Valve	33	92	1	74-8330	Piston Ring Set (Stage #2)	35	*	4
74-7730	Hose - Air Cleaner PCV	33	75	1	74-8340	Piston Ring Set (Stage #3)	35	*	4
74-7770	Hose - Crankcase	34	11	1	74-8350	Bushing - Sleeve	35	24	4
74-7780	Gasket	34	12	1	74-8360	Rod - Connecting	35	25	4
74-7790	Screw	34	13	1	74-8370	Nut - Hex.	35	26	8
74-7800	Pin - Spring	34	14	2	74-8380	Bearing - Connecting Rod	35	27	4
74-7810	Gasket - Plate	34	15	1	74-8390	Bearing - Connecting Rod	35	*	4
74-7820	Plate	34	16	1	74-8400	Bolt - Connecting Rod	35	28	4
74-7830	Screw - Washer Hd.	34	17	2	74-8420	Piston Set - Stage #1	35	29	1
74-7840	Plug	38	14	2	74-8430	Piston Set - Stage #2	36	29	1
74-7840	Plug	34	18	8	74-8440	Piston Set - Stage #3	36	*	1
74-7850	Gasket	34	19	4	74-8570	Screw - Cap Hex. Hd.	36	33	2
74-7870	Gasket - Oil Pan	34	21	1	74-8580	Bracket - Pump	46	1	1
74-7880	Pin - Groove	34	22	2	74-8600	Bracket - Pump	46	4	1
74-7890	Pan - Oil	34	23	1	74-8610	Pin - Spring	46	5	1
74-7900	Washer - Stop	34	24	23	74-8620	Nut - Conical	46	6	1
74-7910	Screw - Cap Hex. Hd.	43	8	2	74-8630	Bushing - Flange	46	7	1
74-7910	Screw - Cap Hex. Hd.	41	10	2	74-8640	Washer - Flat	46	8	1
74-7910	Screw - Cap Hex. Hd.	34	25	20	74-8640	Washer - Flat	48	12	1
74-7920	Plug	34	20	1	74-8650	Pacer	46	9	1
74-7930	Screw - Bearing Cap	34	27	10	74-8660	Injection Pump Assembly	46	10	1
74-7940	Bushing - Spring	34	28	1	74-8670	Fuel Inlet Assembly	46	11	1
74-7950	Screw - Plate	34	29	6	74-8680	Gasket	46	12	2
74-7960	Stud - Filter	34	30	1	74-8710	Washer	46	15	1
74-7970	Filter - Oil	34	31	1	74-8710	Washer - E.T.L.W.	50	8	1
74-7980	Switch - Pressure	34	32	1	74-8720	Stop Valve Assembly	46	16	1
74-7990	Pin - Spring	34	33	4	74-8730	Ring - Seal	46	17	1
74-8000	Plug	34	34	2	74-8740	Tube - Pump Return	46	18	1
74-8010	Tube	34	35	1	74-8750	Injection Tube Set	46	19	1
74-8020	Longblock Assembly	34	36	1	74-8760	Hose - Rubber	46	20	3
74-8030	Pin - Spring	34	37	1	74-8770	Plug	46	21	1
74-8040	Plug	34	38	1	74-8780	Clamp - Plastic	46	22	1
74-8050	Oil Decanter Assembly	34	1	1	74-8790	Clamp - Metal	46	*	1
74-8060	Gasket Set	34	*	1	74-8810	Gasket	44	15	1
74-8070	Screw - Cap Hex. Hd.	35	1	1	74-8820	Plug	44	16	1
74-8080	Washer	35	2	1	74-8870	Gasket	46	29	2
74-8090	Pulley	35	3	1	74-8890	Fuel Outlet Assembly	46	31	1
74-8100	Gear - Pinion	35	4	1	74-8900	Washer - Flat	40	7	2
74-8110	Sprocket - Oil Pump	35	5	1	74-8900	Washer - Flat	46	33	1
74-8120	Key - Woodruff	35	6	2	74-8910	Bracket - Horn	12	33	1
74-8130	Screw - Cap Hex. Hd.	35	7	4	74-8980	Backplate Assembly	29	22	1
74-8130	Screw - Cap Hex. Hd.	46	42	2	74-8990	Spool Assembly	29	23	1
74-8140	Cover	35	9	1	74-9000	Relief Valve Assy.	29	17	1
74-8150	Gasket - Cover	35	10	1	74-9010	Kit - Seal	29	*	1
74-8160	Seal - Shaft	35	11	1	74-9020	Backplate Repair Kit	29	*	1
74-8170	Bearing Set (Std.)	35	12	5	74-9040	Coupling	29	26	1
74-8180	Bearing Set (.30mm OS)	35	*	5	74-9080	Cable - Battery Pos.	32	1	1
74-8190	Thrust Bearing Set (Std.)	35	13	2	74-9090	Cable - Battery Neg.	32	*	1
74-8200	Thrust Bearing Set	35	*	2	74-9100	Pad - Forward Pedal	8	7	1
74-8210	Thrust Bearing Set	35	*	2	74-9110	Pad - Reverse Pedal	8	9	1
74-8220	Thrust Bearing Set	35	*	2	74-9120	Hose - Expansion Tank	52	48	1
74-8230	Crankshaft	35	14	1	74-9120	Hose - Radiator, Overflow	33	57	1
74-8240	Seal	35	15	1	74-9122	Hose - Vent	19	17	1
74-8250	Pin	35	16	1	74-9430	Cap - End	5	14	1
74-8260	Flywheel	35	17	1	74-9440	Gasket	5	11	1
74-8270	Pin	35	18	3	74-9450	Plug	5	4	1
74-8280	Screw - Cap Hex. Hd.	35	19	8	74-9480	Seal - Lip	5	6	1
74-8290	Seal - #1 Bearing Cap	35	20	2	74-9500	Screw - Cap Hex. Hd.	5	16	4
74-8300	Clip - Piston Pin	35	21	8	74-9510	Washer - Flat	5	15	1
74-8310	Pin - Piston	35	22	4	74-9600	Piston Rod Assembly	59	9	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
74-9610	Butt & Tube Assembly	59	1	1	76-5160	Screw - Cap Hex. Hd.	43	11	1
74-9640	Gland	59	7	1	76-5170	Chain - Pump Drive	43	12	1
74-9710	Kit - Seal	59	*	1	76-5180	Washer - Copper	20	1	4
74-9730	Butt & Tube Assy.	55	1	1	76-5190	Fitting - Adjustable	20	2	2
74-9770	O-Ring	55	12	1	76-5200	Fuel Filter Assembly	20	3	1
74-9780	O-Ring	55	4	1	76-5200	Fuel Filter Assembly	19	23	1
74-9790	O-Ring	55	6	1	76-5220	Element - Filter	20	5	1
74-9800	Seal-Teflon	55	5	1	76-5260	Relay - Glow Plug	50	1	1
75-0140	Spring - Conical	30	5	2	76-5260	Relay - Glow Plug	15	15	1
75-0240	O-Ring	30	4	2	76-5270	Cable - Glow Plug	50	2	4
75-0400	Plate - Thrust	30	37	1	76-5280	Plug - Glow	50	3	4
75-0470	Kit - Cylinder Block	30	38	1	76-5290	Washer - Spring	50	4	4
75-0480	Pin	30	15	2	76-5310	Washer - E.T.L.W.	50	7	1
75-0500	Bearing - Needle	30	13	1	76-5330	Screw - Cap Hex. Hd.	44	1	2
75-0510	Pin	30	40	1	76-5340	Plug - Drain	44	2	2
75-0550	Strainer - Tank	23	23	1	76-5350	Gasket - Drain Plug	44	3	2
75-3570	Tip - Handle	13	9	1	76-5360	Cover - Collector	44	5	1
75-4090	Switch W.A. - Neutral	27	51	1	76-5370	Ring - Retaining	44	6	1
75-5470	Washer	28	53	4	76-5380	Temperature Sending Unit	44	7	1
75-9550	Valve - Check	23	33	1	76-5400	Switch - Temp. 105°C	44	8	1
75-9670	Fork	81	*	2	76-5410	Gasket - Collector	44	9	1
75-9790	Arm - Pivot, Rear	73	1	2	76-5420	Housing - Collector	44	10	1
76-1880	Segmented 10" Wheel	81	*	2	76-5430	Thermostat 81°C	44	11	1
76-1940	Spring - Suspension	13	*	2	76-5450	Gasket - Thermostat	44	12	1
76-1960	Knob - Seat Adjustment	13	11	1	76-5460	Gasket - Collector Housing	44	13	1
76-1970	Suspension	13	*	1	76-5470	Screw - Cap Hex. Hd.	44	14	2
76-4120	Mount W.A. - Engine	32	23	1	76-5480	Gasket - Water Pump	45	1	1
76-4160	Cover - Exhaust, Manifold	33	69	1	76-5490	Water Pump Assembly	45	2	1
76-4180	Boot - Brake Rod	7	15	2	76-5500	Screw - Cap Hex. Hd.	45	3	5
76-4190	Gear - Axle	56	31	1	76-5510	Injector - Fuel	47	1	4
76-4200	Gear - Motor	56	28	1	76-5520	Holder - Fuel Injector	47	2	4
76-4220	Mount W.A. - Engine	33	95	1	76-5530	Washer	47	3	4
76-4230	Guide - Exhaust, Manifold	33	67	2	76-5540	Bushing - Injector	47	4	4
76-4240	Plate - Adapter	6	2	2	76-5550	Gasket - Fuel Injector	47	5	4
76-4260	Bushing	62	2	2	76-5560	Fuel Injector Assembly	47	6	4
76-4260	Bushing	65	3	1	76-5570	Washer-Lock	49	2	2
76-4260	Bushing - Sleeve	54	50	2	76-5580	Starter	49	3	1
76-4270	Arm - Drag Link	65	1	1	76-5590	Sleeve - Spring	49	4	1
76-4300	Lever W.A. - Throttle	15	26	1	76-5610	Pinion - Output	4	1	1
76-4310	Support - Base, Battery	32	12	1	76-5630	Gear - Spur	4	3	1
76-4880	Plug - Electrical	14	2	1	76-5640	Gasket	4	4	1
76-4910	Stud	46	35	3	76-5650	Washer - Thrust	4	8A	3
76-4930	Washer	46	37	3	76-5660	Pin-Dowel	4	6	2
76-4940	Pulley - Pump	46	38	1	76-5670	Seal-Oil	4	7	2
76-4950	Nut - Flange	46	39	1	76-5680	Shim - Orange	4	52A/R	
76-4960	Flange	46	40	1	76-5680	Washer - Thrust	4	8	1
76-4970	Screw - Shoulder	48	1	1	76-5690	Washer - Thrust	4	9	2
76-4980	Bracket - Mounting	48	4	1	76-5700	Bearing-Thrust	4	10	1
76-4990	Bolt - Slide	48	5	1	76-5710	Plug-Magnetic - Drain	4	11	1
76-5000	Bolt - Adjusting	48	6	1	76-5720	Screw - Hex Hd.	4	12	13
76-5010	Washer - Spring	48	7	1	76-5740	Shim - White	4	*A/R	
76-5020	Washer - Flat	48	8	1	76-5760	Cover Assembly	4	16	1
76-5030	Bracket - Slide	48	9	1	76-5780	Gear - Spur	4	18	1
76-5040	Belt - V	48	10	1	76-5820	Screw - Hex Flanged Hd.	4	22	1
76-5050	Alternator	48	13	1	76-5830	Ball - Steel	4	23	1
76-5060	Screw - Cap Hex. Hd.	48	14	1	76-5840	Spring - Shifter Fork	4	24	1
76-5070	Oil Pump Assembly	43	1	1	76-5850	Seal - Oil	4	25	1
76-5080	Piston	43	2	1	76-5860	Bearing - Needle	4	26	2
76-5090	Spring - Piston	43	3	1	76-5870	Bearing - Needle	4	27	3
76-5100	Bolt - Shoulder	43	5	1	76-5890	Ring - Retaining	4	30	2
76-5150	Screw - Cap Hex. Hd.	43	10	1	76-5900	Fork - Shift	4	35	1

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Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
76-5930	Block - Drive	4	38	2	76-7210	Washer - Thrust	63 11 2
76-5940	Pin - Drive	4	39	1	76-7220	Washer - Thrust	63 8 2
76-5950	Pinion - Bevel	4	40	2	76-7230	Washer - Lock	63 5 4
76-5960	Carrier	4	41	1	76-7240	Ring - Gear	63 2 1
76-5980	Screw - Hex Flanged Hd.	4	43	6	76-7250	Shaft - Drive	63 1 1
76-5990	Carrier - Differential	4	45	1	76-7260	Bolt	63 6 8
76-6000	Gear - Bevel	4	47	2	76-7270	Pin - Spring	63 7 1
76-6010	Spacer	4	49	2	76-7280	Bearing	63 12 2
76-6010	Spacer - Transaxle	6	1	2	76-7290	Shim - 0.1 mm	63 13A/R
76-6020	Washer - Thrust	4	50	2	76-7300	Shim - 0.2 mm	63 *A/R
76-6030	Seal - Oil	4	51	1	76-7310	Shim - 0.3 mm	63 *A/R
76-6040	Plug - Pipe	4	14	2	76-7320	Sleeve	61 4 1
76-6040	Plug - Pipe	3	41	1	76-7330	Bearing	61 11 1
76-6270	Foam - Panel	17	3	1	76-7340	Seal - Oil	61 6 1
76-6300	Gerotor	11	16	1	76-7350	Bushing	61 7 1
76-6310	Screw - Cap	11	19	7	76-7360	O-Ring	61 10 1
76-6320	Spacer	11	17	1	76-7370	Bearing	61 1 1
76-6330	Control Parts Assembly	11	*	1	76-7380	Washer	61 8 1
76-6360	Strip - Seal	1	11	2	76-7390	Nut - Lock	61 9 1
76-6361	Strip - Seal	2	57	1	76-7400	O-Ring	61 2 2
76-6362	Moulding - Outer	52	19	1	76-7410	Shim - 0.1 mm	61 3A/R
76-6363	Moulding - Inner	52	9	1	76-7420	Shim - 0.2 mm	61 *A/R
76-6380	Strip - Seal Access Panel	2	50	1	76-7430	Shim - 0.4 mm	61 *A/R
76-6381	Seal - Strip	52	29	2	76-7450	Bolt - Stud	61 14 1
76-6382	Seal - Strip	52	40	2	76-7460	Washer	61 13 1
76-6470	Strip - Seal, Hood Front	1	17	1	76-7470	Pipe	62 8 1
76-6500	Base - Battery	32	9	1	76-7480	Plug - Vent	62 7 1
76-6570	Washer - Thrust	56	15	2	76-7490	Shaft - Differential	63 14 2
76-6570	Washer - Thrust	54	51	2	76-7500	Bearing	63 15 4
76-6580	Motor - Hydraulic	56	23	1	76-7510	Pinion - 14T	64 10 2
76-6600	Pipe - Stand	19	4	1	76-7510	Pinion - 14T	63 17 2
76-6610	Clevis - Brake	7	17	2	76-7520	Shim - 0.1 mm	63 16A/R
76-6800	Chamber	52	10	1	76-7530	Shim - 0.2 mm	63 *A/R
76-6910	Rotating Assembly	60	14	1	76-7540	Shim - 0.4 mm	63 *A/R
76-6920	Back Plate Assembly	60	2	1	76-7550	Ring - Retaining	63 18 2
76-6930	Shaft - Drive	60	12	1	76-7560	Case - Gear	64 1 2
76-6940	Housing Assembly	60	6	1	76-7580	Seal - O-Ring	63 19 4
76-6950	Race - Thrust	60	9	1	76-7590	Spacer	63 20 2
76-6960	Bearing - Thrust	60	10	1	76-7600	Bolt - Reamer	63 21 2
76-6970	Insert - Camplate	60	5	1	76-7610	Boit	63 23 6
76-6980	O-Ring	60	3	1	76-7620	Washer - Lock	63 22 6
76-6990	Screw - Cap, Hex. Hd.	60	1	6	76-7630	Holder - 20 mm R.H.	64 * 1
76-7000	Ring - Retaining	60	8	2	76-7640	Bolt	64 5 8
76-7010	Ring - Retaining	60	13	1	76-7640	Bolt	64 28 20
76-7020	Spacer	60	11	1	76-7650	Shaft - Final Drive	64 2 2
76-7040	Pad - Foot	17	38	1	76-7660	Holder - 25 mm L.H.	64 4 1
76-7090	Cover - Front, Control	17	2	1	76-7670	Bearing	64 3 4
76-7100	Housing - Axle A	62	1	1	76-7680	Case - Final Drive	64 8 2
76-7110	Plug	62	5	1	76-7690	Nut	61 15 1
76-7110	Plug	64	26	4	76-7700	Shim - 0.8 mm	65 25A/R
76-7120	Seal - Washer	62	6	1	76-7710	Bolt	65 8 2
76-7120	Seal - Washer	64	27	4	76-7720	Nut	65 9 4
76-7130	Housing - Axle B	62	3	1	76-7730	Bushing	64 7 2
76-7140	Plug	62	9	1	76-7740	Seal - Oil	64 6 2
76-7150	Bolt	62	4	8	76-7750	Pinion - 15T	64 11 2
76-7150	Bolt	61	5	3	76-7760	Shim - 1.0 mm	65 *A/R
76-7160	Gear Case Assembly	63	*	1	76-7770	Cover	64 9 2
76-7170	Case - Differential	63	3	1	76-7780	Shim - 1.2 mm	65 *A/R
76-7180	Pinion - Mate	63	10	2	76-7790	Shim - 1.4 mm	65 *A/R
76-7190	Gear - Side	63	9	2	76-7810	Holder - Bearing	64 19 2
76-7200	Shaft - Pinion	63	4	1	76-7820	Shim - 1.0 mm	65 5A/R

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
76-7830	Shaft - Wheel	64 21 2	76-9430	Spring - Extension	27 12 1
76-7840	Gear - Bevel	64 13 2	76-9440	Rod - Seat Prop	12 9 1
76-7850	Bearing	64 12 2	76-9450	Boot - Column, Steering	9 29 1
76-7860	Bearing	64 18 2	76-9460	Plate W. A. - Seat	12 3 1
76-7870	Seal - Oil	64 20 2	76-9480	Sleeve - Pivot, Seal	12 35 2
76-7880	Spacer	64 15 2	76-9540	Hose - Hydraulic	52 22 2
76-7890	Shim - 0.15 mm	64 14A/R	76-9590	Assy. Hose	56 10 1
76-7900	Shim - 0.2 mm	64 *A/R	76-9680	Bearing Housing Assembly	8 18 1
76-7910	Shim - 0.4 mm	64 *A/R	76-9690	Rod - Brake	7 3 2
76-7920	Ring - Retaining	64 16 2	76-9690	Rod - Brake Linkage	8 4 2
76-7930	Ring - Retaining	64 17 2	76-9700	Cover - Tower	1 2 1
76-7940	Arm - Tie Rod	65 2 1	76-9720	Shaft - Brake	8 26 1
76-7950	Bushing	65 4 1	76-9760	Pivot - Damper	28 63 1
76-7960	Fitting - Grease	65 21 2	76-9780	Decal - 4 Matic	16 1 1
76-7960	Fitting - Grease	64 30 2	76-9790	Foam - Fuel Tank	19 2 1
76-7970	Shim - 1.4 mm	65 *A/R	76-9930	Foam - Seat Plate Rear	12 7 1
76-7980	Shim - 1.2 mm	65 *A/R	76-9950	Bracket - Ring	23 43 4
76-7990	Shim - .08 mm	65 *A/R	76-9970	Valve - 4 WD	31 22 1
76-8000	Bolt	65 6 4	77-0950	Washer	85 45 2
76-8010	Washer	65 7 2	77-3250	Washer	48 16 1
76-8020	Rod - Tie	65 22 1	77-3260	Washer	48 15 1
76-8030	Rod End - L.H.	65 10 1	77-3270	Manifold - Intake	42 4 1
76-8040	Nut - L.H.	65 24 1	77-3280	Screw	42 2 5
76-8050	Rod End - R.H.	65 16 1	77-3290	Screw	42 3 4
76-8060	Nut - R.H.	65 23 1	77-3300	Stud	42 7 6
76-8140	Bracket W.A. - Steering	9 7 1	77-3310	Gasket	42 6 2
76-8150	Support - Shaft, Steering	10 58 1	77-3320	Nut - Hex	42 9 6
76-8160	Support - Steering	9 8 1	77-3320	Nut - Lock	33 80 2
76-8200	Assy. - Hose	56 7 1	77-3340	Manifold - Exhaust	42 11 1
76-8270	Pin - Brake	7 14 2	77-3360	Screw	40 20 3
76-8290	Shroud - Lower R.H.	1 9 1	77-3370	Screw	40 23 1
76-8300	Cover - Housing, Axle	6 8 2	77-3380	Pulley	40 21 1
76-8340	Shaft - Pivot, Steering	10 57 1	77-3390	Support	40 22 1
76-8350	Stop - Axle	56 8 2	77-3400	Camshaft	40 5 1
76-8430	Support - Hood, Front	2 39 1	77-3410	Key	40 4 1
76-8440	Boot - Throttle	15 16 1	77-3420	Gasket	40 3 2
76-8450	Boot - Lift Lever	15 3 1	77-3430	Belt	40 18 1
76-8640	Stud - Traction	27 50 1	77-3440	Screw	40 1 2
76-8720	Panel - Tower	9 23 1	77-3450	Washer	40 2 2
76-8750	Plate - Caution	52 4 1	77-3460	Screw	40 6 1
76-8770	Decal - Caution	51 10 1	77-3500	Roller Assembly	40 14 1
76-8770	Decal - Caution	33 78 1	77-3510	Spring	40 13 1
76-8780	Decal - Fuel	19 12 1	77-3520	Cup	40 12 1
76-8830	Arm - Brake Linkage	8 24 2	77-3540	Roller Assembly	40 8 1
76-8870	Assy. - Damper, Lever	27 3 1	77-3550	Box - Degassing	32 51 1
76-8890	Pedal - Brake L.H.	8 21 1	77-3560	Cap	33 55 1
76-8930	Brake Pedal Assembly R.H.	8 23 1	77-3570	Shield	41 15 1
76-8950	Harness - Wire (Lamp)	16 * 1	77-3580	Shield	41 14 1
76-8990	Bolt - Cylinder	53 40 1	77-3590	Shield	41 2 1
76-9030	Bearing Housing Assembly	8 30 1	77-3600	Shield - Adapter	33 98 1
76-9050	Rod - Brake, Parking	9 42 1	77-3620	Retainer - Cover	1 7 2
76-9060	Gauge - Temperature	16 9 1	77-3620	Retainer - Cover	52 15 4
76-9100	Spacer	3 2 2	77-3620	Retainer - Cover	16 22 2
76-9100	Spacer	9 22 1	77-3640	Bearing	5 12 1
76-9160	Bracket - Hood, Pivot L.H.	2 43 1	77-3700	Gasket - Muffler, Exhaust	33 88 1
76-9170	Bracket - Hood, Pivot R.H.	2 * 1	77-3780	Pin - Lynch	12 4 1
76-9190	Rod - Seat Spring	12 16 1	77-3790	Plug - Drain	34 26 1
76-9290	Bracket - Bulkhead	56 3 1	77-3800	Shield	41 6 1
76-9300	Fender L.H.	2 49 1	77-3810	Shield	41 8 1
76-9340	Fender R.H.	2 * 1	77-3820	Support - Shield	41 11 1
76-9370	Bar - R.O.P.S.	71 4 1	77-3830	Clip	41 3 4

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Part No.	Description	Pg. Ref.			Part No.	Description	Pg. Ref.		
		No.	No.	Qty.			No.	No.	Qty.
77-3840	Grommet	41	4	1	84-0310	Bearing - Ball	30	27	1
77-3850	Ring - Snap	41	16	1	84-0320	Ring - Retaining	30	28	1
77-3860	Nut - Lock	41	13	1	84-0330	Screw - Cap Hex. Hd.	30	25	8
77-3870	Washer - Flat	41	12	1	84-0360	Washer	30	24	8
77-3880	Bracket - Air Cleaner	33	89	1	84-0380	Ring - Retaining Internal	30	32	2
77-3890	Bracket - Cable, Hood	32	42	1	84-0400	Seal - Lip	30	29	1
77-3890	Bracket - Hood Cable	39	37	1	84-0410	Carrier - Seal	30	30	1
77-3900	Screw - Cap Hex. Hd.	32	48	1	84-0430	O-Ring	30	18	4
77-3970	Spacer - Relay	15	13	1	84-0440	Cover - Trunnion	30	17	2
77-4000	Shim Set	63	*	1	84-0450	Cover - Trunnion	30	35	1
77-4010	Shim Set	61	*	1	84-0460	Screw	30	16	8
77-4020	Shim Set	63	*	1	84-0470	Seal - Lip	30	34	2
77-4030	Shim Set	64	*	1	84-0480	Poppet - Charge Relief	30	8	1
77-4040	Shim Set	65	*	1	84-0490	Spring - Compression	30	9	1
77-4050	Shim Set	65	*	1	84-0500	Assy. - Charge Relief Plug	30	12	1
77-4200	Harness - Wire Relay	14	10	1	84-0550	Ring - Retaining	30	6	2
77-4200	Harness - Wire Relay	19	37	1	84-0570	Shim - Trunnion Kit	30	20	4
77-4260	Link - Shift	3	6	1	84-0680	Link - Shift	9	30	1
78-8350	Stop - Axle	53	12	2	84-0690	Rod - Shift	3	5	1
80-7730	Spacer	28	65	3	84-0700	Rod W.A. - Shift	3	11	1
80-8660	Spacer	54	57	1	84-0720	Valve - Velocity	31	29	1
80-8660	Spacer	57	59	1	84-0730	Arm - Lift, L.H.	66	20	1
82-3600	Shroud - Lower, L.H.	2	45	1	84-0740	Housing - Bearing, Lower	25	14	1
82-3630	Foam - Screen L.H.	52	17	1	84-0750	Housing - Bearing	27	32	1
82-3640	Foam - Screen R.H.	52	12	1	84-0760	Adapter - Pump to Engine	32	28	1
82-3650	Foam - Screen Top	52	13	1	84-0780	Pulley	77	4	1
82-3660	Bracket - Cover	19	39	1	84-0780	Pulley	78	6	1
82-3700	Reservoir - Hydraulic	23	4	1	84-0800	Arm - Pivot	84	6	4
82-3730	Screen - Radiator	52	16	1	84-0910	Spacer	80	1	4
82-3740	Oil Cooler Assembly	52	11	1	84-0910	Spacer	72	2	6
82-3750	Cover - Console	16	21	1	84-0910	Spacer - Bearing	74	14	6
82-4900	Foam - Seat Front	12	8	1	84-0910	Spacer - Pulley	82	7	8
82-4950	Plunger - Spring	9	14	1	84-0930	Pulley - Half	74	20	2
82-4960	Pad - Brake	8	15	2	84-0940	Assy. - Brake Linkage Arm	7	1	1
82-4970	Ring - Retaining	5	17	1	84-0970	Assy. - Brake Linkage Arm	7	11	1
82-4990	Housing - Fixed	5	9	1	84-0990	Pin - Pivot	7	20	2
82-5030	Arm - Traction Linkage	8	13	1	84-1030	Driveshaft	27	43	1
82-5180	Control W.A. - Pump	27	20	1	84-1080	Frame Assembly	1	6	1
82-5190	Shaft - Traction Pedal	8	8	1	84-1170	Plate - Axle, Pivot	53	15	2
82-5240	Plate - Pivot	28	61	1	84-1170	Plate - Axle	56	12	2
82-5280	Shaft - Pivot	27	28	1	84-1320	Shaft - P.T.O.	25	5	1
82-5300	Support - Heel	17	39	1	84-1330	Hub - Splined	27	41	1
82-5370	Foam - R.O.P.S. Bar	70	7	2	84-1350	Pin - Pivot	84	3	2
82-5380	Shim - Pinion .045	3	39	1	84-1350	Pin - Pivot W.A.	66	8	2
82-5390	Shim - Pinion .038	3	*	1	84-1380	Anchor - Spring	27	10	1
82-5400	Shim - Pinion .052	3	*	1	84-1410	Adapter - Clutch	25	13	1
83-1640	Assembly - Rod End	87	2	1	84-1440	Plate - Adapter	33	96	1
83-2280	Timer - Delay	15	6	1	84-1450	Key	25	18	1
84-0080	Spiral Gear Set (Matched)	4	*	1	84-1450	Panel - Gauge	16	2	1
84-0090	Shim - Blue	4	*A/R		84-1460	Decal - Groundsmaster 455D	1	29	2
84-0130	Shim - Pink	4	*A/R		84-1470	Decal - Safety	8	42	1
84-0140	Shim - Brown	4	*A/R		84-1480	Hose - Dampener	27	13	1
84-0170	Pulley - P.T.O.	27	44	1	84-1490	Latch - Lockup	2	54	2
84-0180	Pulley - Lower	25	17	1	84-1500	Bracket W.A. - Neutral	28	60	1
84-0210	Gasket - End Cap	30	14	1	84-1550	Mount - Rubber	83	2	4
84-0240	Housing - Pump	30	33	1	84-1550	Mount - Rubber	25	22	5
84-0250	Swash Plate - Variable	30	36	1	84-1560	Washer - Thrust	25	26	3
84-0260	Bearing - Roller	30	21	4	84-1570	Spacer	71	1	2
84-0270	Spacer - Trunnion	30	19	4	84-1570	Spacer	25	21	1
84-0280	Plate - Valve R.H.	30	39	1	84-1580	Washer - Clutch	25	38	1
84-0300	Shaft - Pump	30	26	1	84-1590	U-Bolt	6	23	2

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Part No.	Description	Pg. Ref.			Part No.	Description	Pg. Ref.		
		No.	No.	Qty.			No.	No.	Qty.
84-1600	Bracket - Support, Trans.	3	13	1	86-1890	Hinge	85	25	2
84-1610	Support - Rod, Shift	3	10	1	86-1900	Plate - Hinge	75	3	4
84-1620	Plate - Support, Axle	6	10	2	86-1910	Harness - Wire, Deck	14	9	1
84-5300	Nut	85	11	4	86-1910	Wire Harness	83	13	1
84-5300	Nut - Jam	87	3	2	86-1920	Spring - Torsion	75	11	4
84-6402	Orifice	17	26	1	86-1960	V-Belt	80	15	1
84-6410	Decal - Danger	74	4	1	86-1960	V-Belt	74	18	1
84-6410	Decal - Danger	80	21	1	86-1970	V-Belt	83	1	1
85-4980	Switch - Toggle	16	17	1	86-1990	Washer	83	4	6
85-6420	Wheel - 10"	81	*	2	86-1990	Washer	25	42	4
86-0010	Blade - 19"	76	11	1	86-2000	Bolt - Thin Head	72	11	3
86-0010	Blade - 19"	77	11	1	86-2010	Pin - H.O.C. Pivot	74	9	1
86-0010	Blade - 19"	78	13	1	86-2010	Pin - H.O.C., Wing	80	17	1
86-0020	Assembly - Wheel, Castor	73	3	2	86-2020	Support - Gear Box	83	3	1
86-0020	Wheel - 8"	81	7	2	86-2070	Nut	84	9	4
86-0050	Screw - Adjusting	72	9	3	86-2080	Ball Joint	84	10	4
86-0060	Sleeve - Tube	72	4	6	86-2090	Bushing	84	18	6
86-0070	Spring - Compression	72	5	2	86-2120	Roller	84	19	4
86-0080	Spring - Compression	72	*	1	86-2130	Pin - Clevis	84	21	2
86-0690	Spacer	86	3	3	86-2140	Pin - Clevis	84	20	6
86-0700	Decal	74	8	1	86-2150	Lock W.A.	84	17	2
86-0710	Decal - H.O.C. Wing, L.H.	80	18	1	86-2180	Bushing	84	22	4
86-0720	Decal - HOC, LH	85	24	1	86-2190	Assembly - Cylinder	87	*	1
86-0730	Decal - HOC, RH	85	8	1	86-2190	Cylinder - Hydraulic	85	14	2
86-0740	Decal - Belt	85	31	1	86-2200	Foam - Hood, Rear	1	28	1
86-0750	Decal - Belt, L.H.	80	12	1	86-2210	Foam - Hood, Top Right	1	22	1
86-0760	Decal	74	22	1	86-2220	Foam - Hood, Top Left	1	25	1
86-0770	Decal - Quadfloat	75	6	1	86-2230	Cover - Guide, RH	85	9	1
86-0780	Decal - HOC	85	36	1	86-2260	Cover - Guide, LH	85	*	1
86-0790	Button - Guard	75	2	8	86-2280	Frame - Carrier, RH	85	20	1
86-1150	Yoke - End	89	1	2	86-2320	Frame - Carrier, LH	85	23	1
86-1160	Kit - Universal	89	2	2	86-2340	Shaft - Spindle	76	9	1
86-1170	Shaft - Slip Yoke	89	3	1	86-2340	Shaft - Spindle	77	9	1
86-1180	Tube - Slip Yoke	89	4	1	86-2360	Shaft - Spindle	78	11	1
86-1410	Pulley - Gearbox 6.50 Dia.	83	16	1	86-2380	Strap - Deck H.O.C.	85	19	2
86-1420	Hose - Hydraulic	86	21	1	86-2390	Pin - HOC	85	26	2
86-1440	Washer - Lock	84	11	8	86-2400	Latch - Arm	82	17	2
86-1480	Washer	76	3	1	86-2410	Fork	81	4	2
86-1480	Washer	77	3	1	86-2440	Assembly - Hose	86	17	2
86-1480	Washer	78	18	1	86-2450	Assembly - Hose	86	18	2
86-1490	Rod End - LH Thread	82	23	2	86-2460	Assembly - Hose	86	7	2
86-1530	Door W.A. - Trap, LH	82	30	1	86-2470	Assembly - Tube	86	5	1
86-1550	Rod End - RH Thread	82	27	2	86-2480	Assembly - Tube	86	2	1
86-1560	Spacer	82	20	2	86-2490	Assembly - Tube	86	4	1
86-1570	Rod - Threaded	82	25	2	86-2500	Orifice	67	14	2
86-1590	Door W.A. - Trap, RH	82	*	1	86-2501	Orifice	17	22	2
86-1650	Plate - Duct, Air	1	26	1	86-2510	Spring	85	10	2
86-1690	Foam - Intake, Air	1	27	1	86-2520	Foam - Hood, Right Rear	1	24	1
86-1700	Pulley	76	4	1	86-2530	Foam - Hood, Left Rear	2	30	1
86-1710	Assembly - Clutch, Elect.	78	3	1	86-2540	Ball Joint	85	12	2
86-1730	Drive Shaft	83	10	1	86-2560	Spring	85	13	2
86-1740	Spacer	78	5	1	86-2590	Rod - Clutch	82	4	2
86-1790	Yoke W.A. - Pulley	72	10	3	86-2600	Washer	82	21	2
86-1820	Bracket - Pulley	82	12	1	86-2600	Washer - Guide, Belt	80	8	2
86-1830	Cover - Drive Shaft	83	11	1	86-2600	Washer - Guide, Belt	74	11	4
86-1840	Cover - Right Hand	75	5	1	86-2610	Assembly - Rod End	87	15	1
86-1850	Cover - Left Hand	75	17	1	86-2610	Ball Joint	85	16	2
86-1860	Cover - Center	75	7	1	86-2630	Spring - Compression	86	13	2
86-1870	Cover - Center, Right Hand	75	8	1	86-2640	Assembly - Tube, Cylinder	87	20	2
86-1880	Cover - Center, Left Hand	75	16	1	86-2650	Support - Spring	84	14	2
86-1890	Hinge	75	10	4	86-2660	Stop - Cover	75	14	1

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Part No.	Description	Pg. Ref.			Part No.	Description	Pg. Ref.		
		No.	No.	Qty.			No.	No.	Qty.
86-2670	Decal - Pulley Adjustment	72	6	1	86-5760	Assy. - Tube, Deck Return	17	33	1
86-2680	Switch	84	24	2	86-5770	Assy. Tube, Relief Valve	17	28	1
86-2710	Assembly - Hose, Rear Motor	31	26	1	86-5780	Assy. - Tube, RH Rear	57	52	1
86-2730	Hose - Hydraulic	56	14	1	86-5780	Tube - Hydraulic L.H.	53	2	1
86-2770	Assembly - Tube, Traction	31	24	1	86-5790	Assy. - Tube, LH Rear	57	51	1
86-2790	Pin - Pivot, L.H.	66	17	1	86-5790	Tube - Hydraulic R.H.	53	3	1
86-2800	Hose - Suction	23	26	1	86-5800	Assembly - Tube	52	32	1
86-2820	Assembly - Wheel	54	*	1	86-5800	Assy. - Tube, Oil Cooler Rear	23	37	1
86-2830	Plate W.A. - Adapter, Main	27	46	1	86-5820	Harness - Wire, Main	14	6	1
86-2890	Assy. - Hose, Traction R.H.	3	30	1	86-5820	Harness - Wire, Main	25	31	1
86-2900	Assy. - Hose, Traction L.H.	3	29	1	86-5830	Spring - Compression	7	5	2
86-2910	Assembly - Hose	31	25	1	86-5840	Plate - Spring	7	4	2
86-2920	Assy. - Hose, Traction R.H.	3	*	1	86-5860	Nipple	23	18	1
86-2930	Plate - Clutch	25	34	1	86-5860	Nipple	3	35	2
86-2990	Mount - Cable, Throttle	32	33	2	86-5890	Arm - Lift, R.H.	66	22	1
86-3000	Assembly - Head, Filter	23	15	1	86-5900	Tire	6	14	2
86-3010	Filter - Transmission	23	16	1	86-5910	Tire	53	29	2
86-3020	Wire - Neutral, Switch	27	23	1	86-5910	Tire	56	37	2
86-3030	Cover - Wire	25	25	1	86-5920	Decal - Service, 4WD	17	*	1
86-3040	Coupling - Rubber	27	39	2	86-5930	Decal - Service, 2WD	17	37	1
86-3040	Flange - Rubber	25	40	1	86-5940	Spacer - Bearing	27	33	1
86-3090	Gear Box	83	9	1	86-7470	Diode	14	7	1
86-3100	Pulley - Gearbox 7.50 Dia.	83	*	1	86-8100	Ball - Joint	85	6	2
86-3120	Hose - Hydraulic Cap End	53	8	1	88-1140	Spacer - Bearing, Lower	25	15	1
86-3130	Hose - Hydraulic Rod End	53	7	1	88-1150	Spacer - Clutch	25	33	1
86-3140	Hose - Hydraulic	56	6	1	88-1160	Rod - Traction Linkage	8	11	1
86-3150	Assembly - Hose	31	39	1	88-1170	Belt - Matched Set	25	19	1
86-3150	Assembly - Hose	23	38	1	88-1190	Pin - Pivot W.A.	66	16	2
86-3160	Assembly - Hose	66	7	1	88-1200	Pin - Pivot, R.H.	66	*	1
86-3170	Assembly - Hose	66	15	1	88-1210	Weight W.A. - Rear	52	36	1
86-3180	Assembly - Hose	17	24	1	88-1220	Plate	71	2	2
86-3190	Assembly - Hose	17	23	2	88-1220	Weight - Rear	52	35	11
86-3210	Assembly - Hose	9	51	1	88-1250	Hydraulic Cylinder Assy.	53	42	1
86-3220	Assembly - Hose	9	2	1	88-1260	Transaxle - 2 Speed	3	17	1
86-3230	Assembly - Hose	17	32	1	88-1270	Decal - Safety Std.	85	44	1
86-3240	Assembly - Hose	17	18	1	88-1280	Cover - Belt, Lower	25	35	1
86-5410	Panel - Console	15	17	1	88-1290	Bracket - Rod, Seat	31	16	1
86-5420	Spacer - Rod, Shift	3	8	1	88-1320	Fitting - Hydraulic 90°	31	7	1
86-5430	Plate - Skid	6	25	1	88-1360	Washer	52	34	2
86-5440	Valve - Relief, Dual	17	36	1	88-1360	Washer - Weight, Rear	71	3	2
86-5450	Coupler - Hydraulic	66	24	3	88-1370	Plate - Brake	26	3	1
86-5460	Nipple - Coupler	86	11	3	88-1380	Fitting - Adapter	17	20	3
86-5470	Harness - Front	14	1	1	88-1420	Spring - Compression	12	27	1
86-5470	Harness - Wire	25	9	1	88-1430	Nut - Lock, Bearing	27	48	1
86-5470	Harness - Wire	9	52	1	88-1440	Washer - Lock	27	47	1
86-5480	Nipple - Test	31	32	2	88-1450	Nut - Lock, Bearing	25	30	1
86-5500	Assembly - Hose	23	20	1	88-1460	Washer - Lock	25	32	1
86-5500	Assembly - Hose	31	38	1	88-1470	Plate - Control, Pump	27	22	1
86-5570	Assembly - Hose	9	1	1	88-1490	Holder - Foam	33	77	1
86-5580	Cylinder - Hydraulic	66	1	2	88-1500	Foam - Firewall	1	20	1
86-5590	Assembly - Pump	27	7	1	88-1510	Screw - Special	25	23	5
86-5600	Assy. - Pump, Gear	27	5	1	88-1520	Cartridge - Relief	17	41	1
86-5600	Gear Pump Assembly	29	*	1	88-1530	Cartridge - Relief	17	42	1
86-5610	Clutch	25	37	1	88-1560	Housing - Axle	6	11	1
86-5620	Bearing	25	4	1	88-1570	Axle - Splined	6	27	2
86-5630	Motor - Fixed Displacement	3	37	1	88-1580	Seal - Ring	6	20	2
86-5650	Pipe - Exhaust	33	84	1	88-1590	Bearing - Ball	6	22	2
86-5720	Assy. - Tube, Steering	9	45	1	88-1600	Washer - Belleville	6	28	2
86-5730	Assy. - Tube, R.H. Front	9	43	1	88-1610	Assembly - Field Rotor	26	8	1
86-5740	Assy. - Tube, L.H. Front	9	44	1	88-1620	Assembly - Armature	26	5	1
86-5750	Assy. - Tube, Drain	3	23	1	88-3510	Ring - Back-Up	67	8	2

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Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
88-3520	O-Ring	67	10	92-0631	Washer	84	25
88-3530	O-Ring	67	9	92-0636	Shaft Assembly	5	3
88-3540	O-Ring	67	7	92-0639	Case Assembly	4	15
88-3550	Ring - Back-Up	67	6	92-0640	Bearing - Needle	4	28
88-3560	Ring - Wear	67	12	92-0641	Shaft - Counter	4	20
88-3570	U-Cup - Loaded	67	4	92-0642	Gear - Output	4	17
88-3580	Wiper - Rod	67	3	92-0643	Gear - Ring	4	37
88-3590	Nut - Lock	67	14	92-0644	Gear - Cluster	4	19
88-3600	Piston	67	13	92-0645	Shaft & Gear - Shifter	4	21
88-3610	Assembly - Barrel	67	15	92-0646	Bearing - Ball	4	42
88-3620	Assembly - Rod	67	1	92-0647	Rod - Shift (High-Low)	4	36
88-3630	Head	67	5	92-1351	Plug - Pulley	28	66
88-3640	Kit - Seal	67	*	92-1352	Plug	30	42
88-3650	Ring - Piston, Unithane	67	11	92-1353	Shim	30	10
88-3660	Rod-Piston	55	9	92-1354	Cap - End	30	1
88-3670	Piston	55	3	92-1355	Plug - Special	30	2
88-3680	Gland	55	7	92-1356	Valve - Screw 415BAR	30	7
88-3690	Nut-Lock	55	2	92-1357	Pin	30	53
88-3700	U-Cup	55	11	92-1358	Coupling	30	41
88-3720	Seal Kit	55	*	92-1360	Bracket - Muffler	33	79
88-3720	Wiper	55	8	92-1364	Guide - Switch, Pin	3	46
88-3730	Body Assembly	29	14	92-1365	Plunger - Switch	3	47
88-3740	Idler Gear Assembly	29	2	92-1366	Spring - Compression	3	51
88-3750	Drive Gear Assembly	29	3	217-124	Rim	6	15
88-3760	Cap Screw	29	4	217-125	Rim	53	31
88-3770	Spring	29	21	217-125	Rim	56	38
92-0600	Kit - Seal	87	*	218-446	Washer - Lock	16	3
92-0601	Piston	87	12	218-447	Nut - Hex.	16	4
92-0602	Assembly - Barrel	87	14	218-461	Nut - Hex	12	15
92-0603	Rod	87	5	218-573	Fuse - 5A	15	21
92-0604	Head - Ring, Retaining	87	7	218-581	Fuse - 15A	15	*
92-0605	Housing	88	5	218-591	Coil Assembly	58	6
92-0606	Key	88	9	218-592	Nut - Coil	58	7
92-0607	Gear - RH	88	10	218-593	Fuse - 30A	15	*
92-0608	Cap - Thru	88	14	219-17	Bulb - Warning Light	16	*
92-0609	Seal	88	13	2112-9	Clamp - Muffler	33	83
92-0610	Cone - Bearing	88	11	232-27	Stem - Valve	6	16
92-0611	Cup - Bearing	88	12	232-27	Stem - Valve	53	30
92-0612	Nut - Lock	88	23	232-77	Stem - Valve	56	39
92-0613	Washer - Lock	88	22	233-17	Knob	9	24
92-0614	Shaft - Pinion	88	19	233-39	Knob - Throttle	15	1
92-0615	Seal	88	18	233-42	Knob	17	13
92-0616	Cone - Bearing	88	15	237-7	O-Ring	12	23
92-0617	Cup - Bearing	88	16	237-21	O-Ring	17	21
92-0618	Hub	88	17	237-21	O-Ring	66	6
92-0619	Gear - LH	88	21	237-22	O-Ring	9	3
92-0620	Shaft - Thru	88	8	237-22	O-Ring	31	5
92-0621	Deck W.A. - Center	85	32	237-22	O-Ring	87	10
92-0622	Deck - Wing, L.H.	80	20	237-22	O-Ring	17	17
92-0623	Deck W.A. - Wing, R.H.	74	3	237-22	O-Ring	23	28
92-0624	Pulley - Half	82	9	237-22	Seal - O-Ring	56	2
92-0624	Pulley - V-Idler	80	4	237-22	Seal - O-Ring	53	4
92-0625	Pulley - Idler	74	5	237-30	O-Ring	3	48
92-0625	Pulley - Idler	80	9	237-30	O-Ring	31	8
92-0625	Pulley - Idler	72	13	237-30	O-Ring	12	18
92-0625	Pulley - Idler	82	22	237-30	O-Ring	23	32
92-0626	Assembly - Tube W.A.	72	7	237-30	O-Ring	17	34
92-0627	Armature & Pulley Assy.	79	5	237-40	O-Ring	3	24
92-0628	Spring	84	27	237-42	O-Ring	17	5
92-0629	Boot	84	28	237-42	O-Ring	86	8
92-0630	Nut	84	26	237-42	O-Ring	56	42

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
237-65	O-Ring	31 2 8	2412-119	Clamp - Hose	38 15 4
237-65	O-Ring	56 11 9	2412-122	Clamp Assembly	54 48 2
237-65	O-Ring	23 13 5	2412-123	Tie Rod Assembly	54 49 1
237-65	O-Ring	52 23 6	2412-125	Clamp - Hose	32 38 1
237-65	O-Ring	3 33 2	2412-129	Clamp - Hose	34 8 4
237-65	Seal - O-Ring	5 5 1	2412-129	Clamp - Hose	32 39 9
237-78	O-Ring	66 3 4	2412-130	Clamp - Hose	33 91 1
237-78	O-Ring	57 47 2	2412-133	Clamp - R	12 2 2
237-78	Seal - O-Ring	54 43 2	2412-137	R-Clamp	66 11 1
237-79	O-Ring	17 4 4	2412-138	Clamp-R	83 14 1
237-79	O-Ring	9 5 4	251-259	Bearing - Ball	27 29 2
237-79	O-Ring	31 14 6	251-310	Bearing - Ball	25 16 2
237-79	O-Ring	66 23 3	251-314	Bearing	27 45 2
237-79	O-Ring	3 28 3	251-321	Bearing - Castor	81 1 4
237-79	O-Ring	23 34 3	251-321	Bearing - Castor	73 2 4
237-80	O-Ring	58 2 2	251-332	Spacer - Bearing	73 5 2
237-80	O-Ring	31 4 6	251-332	Spacer - Bearing	81 6 2
237-80	O-Ring	30 23 3	253-43	Seal - Grease	27 40 1
237-80	O-Ring	23 30 3	253-129	Seal - Inner	53 25 2
237-81	O-Ring	23 5 3	253-154	Seal - Oil	76 5 2
237-81	O-Ring	56 22 2	253-154	Seal - Oil	77 5 2
237-136	Grommet	12 24 2	253-154	Seal - Wave	78 7 2
237-141	Grommet - Rubber	82 2 4	254-72	Cup - Bearing	53 27 4
237-146	O-Ring	31 36 1	254-78	Cone - Bearing	88 4 1
237-161	O-Ring	27 6 1	254-94	Cone - Bearing	53 26 4
237-166	O-Ring	56 21 1	256-10	Bushing - Flange	1 4 2
237-166	O-Ring	56 26 1	256-10	Bushing - Flange	8 22 4
237-167	O-Ring	3 27 1	256-90	Bushing - Flange	8 19 1
237-167	O-Ring	29 25 1	256-113	Bushing	27 52 2
240-6	Grommet	19 18 3	256-237	Bushing - Sleeve	1 5 1
241-64	Plug - Dome	9 34 2	256-243	Bushing	82 31 2
241-119	Cap - Dust	6 18 2	283-2	Pin - Clevis	7 16 2
241-119	Cap - Hub	53 32 2	283-58	Pin - Clevis	1 23 1
242-34	Stud - Axle	6 12 10	283-58	Pin - Clevis	32 45 1
242-50	Nut - Lug	53 35 10	285-22	Plug - Pipe	19 27 1
249-49	Ring	24 48 1	289-44	Nipple - Pipe	3 20 1
2411-36	Eye - Rod	8 2 3	289-50	Nipple - Pipe	3 18 1
2411-36	Rod - End	3 3 1	2811-1	Fitting - 45° Elbow	52 42 1
2411-36	Rod End	7 9 2	2812-1	Fitting - Reducing Bushing	19 26 1
2411-36	Rod End	9 21 1	2812-11	Bushing - Reducer	3 16 1
2411-36	Rod End	27 27 1	2813-14	Elbow - Pipe 90°	3 19 1
2411-45	Joint - Ball R.H.	54 * 1	302-2	Fitting - Grease	76 1 1
2411-46	Joint - Ball L.H.	54 46 1	302-2	Fitting - Grease	77 1 1
2412-3	Clamp	32 32 2	302-2	Fitting - Grease	8 20 1
2412-3	Clamp - Hose	52 43 2	302-2	Fitting - Grease	85 40 1
2412-32	Clip - Conduit	15 23 1	302-2	Fitting - Grease	54 53 1
2412-34	Clamp - Hose	23 27 1	302-2	Fitting - Grease	57 55 1
2412-34	Clamp - Hose	31 34 1	302-5	Fitting - Grease	74 1 1
2412-39	R-Clamp	15 27 1	302-5	Fitting - Grease	7 2 2
2412-74	Clamp	12 14 1	302-5	Fitting - Grease	84 2 4
2412-74	Clamp - R	31 11 1	302-5	Fitting - Grease	66 21 4
2412-74	Clamp - R	56 20 1	302-5	Fitting - Grease	80 25 1
2412-74	Clamp - R	9 49 1	302-5	Fitting - Grease	8 27 3
2412-96	Clamp-R	33 59 1	302-5	Fitting - Grease	27 37 3
2412-104	Clamp-R	33 73 1	302-5	Fitting - Grease	85 48 2
2412-108	Clamp	32 35 3	302-11	Fitting - Grease	53 22 2
2412-108	Clamp - Hose	19 5 7	302-14	Plug - Vent	3 15 1
2412-108	Clamp - Hose	24 47 1	302-33	Fitting - Grease 90°	78 1 1
2412-108	Clamp - Hose	52 49 1	302-33	Fitting - Grease 90°	81 50 1
2412-109	Clamp-J	25 10 2	302-40	Fitting - Grease 90°	81 2 2
2412-119	Clamp	33 56 3	302-40	Fitting - Grease 90°	73 4 2

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
304-46	Drain Cock	52	41	1	325-9	Screw - Cap Hex. Hd.	83	5	4
321-2	Screw - Cap Hex. Hd.	15	12	2	325-9	Screw - Cap Hex. Hd.	25	29	2
321-2	Screw - Cap Hex. Hd.	19	34	1	325-9	Screw - Cap Hex. Hd.	12	37	2
321-4	Screw - Cap Hex. Hd.	12	30	1	325-11	Screw - Cap Hex. Hd.	53	16	2
321-9	Screw - Cap Hex. Hd.	8	31	3	325-11	Screw - Cap Hex. Hd.	85	18	2
321-10	Screw - Cap Hex. Hd.	17	7	2	325-11	Screw - Cap Hex. Hd.	56	34	2
321-15	Screw - Cap Hex. Hd.	31	17	2	325-11	Screw - Cap Hex. Hd.	52	37	2
322-1	Screw - Cap Hex. Hd.	6	6	6	325-13	Screw	25	12	1
322-2	Screw - Cap Hex. Hd.	66	2	5	325-15	Screw - Cap Hex. Hd.	85	2	4
322-2	Screw - Cap Hex. Hd.	31	9	1	325-15	Screw - Cap Hex. Hd.	6	24	10
322-2	Screw - Cap Hex. Hd.	12	38	2	325-20	Screw - Cap Hex. Hd.	53	13	2
322-3	Screw - Cap Hex. Hd.	33	65	8	325-20	Screw - Cap Hex. Hd.	56	16	2
322-3	Screw - Cap Hex. Hd.	13	15	4	325-33	Screw - Cap Hex. Hd.	70	3	2
322-3	Screw - Cap Hex. Hd.	52	47	3	327-24	Screw - Cap Hex. Hd.	81	5	2
322-4	Screw - Cap Hex. Hd.	68	5	4	327-24	Screw - Cap Hex. Hd.	73	6	2
322-4	Screw - Cap Hex. Hd.	8	41	2	328-25	Screw - Cap Hex. Hd.	53	41	1
322-5	Screw - Cap Hex. Hd.	28	55	2	328-25	Screw - Cap Hex. Hd.	56	44	2
322-6	Screw - Cap Hex. Hd.	27	1	2	3210-5	Screw - Cap Hex. Hd.	54	45	2
322-6	Screw - Cap Hex. Hd.	31	18	1	3212-5	Screw - Cap Hex. Hd.	70	9	2
322-7	Screw - Cap Hex. Hd.	27	30	1	3213-2	Screw - Hex. Hd. Flange	27	8	2
322-8	Screw - Cap Hex. Hd.	80	5	8	3216-6	Screw - Cap Hex. Hd.	74	6	1
322-8	Screw - Cap Hex. Hd.	82	6	8	3216-6	Screw - Cap Hex. Head	80	19	1
322-8	Screw - Cap Hex. Hd.	74	21	4	3217-9	Nut - Jam	72	8	3
322-10	Screw - Cap Hex. Hd.	27	19	1	3218-2	Nut - Jam	8	40	2
322-16	Screw - Cap Hex. Hd.	32	30	2	3218-18	Nut - Jam	84	7	2
323-4	Screw - Cap Hex. Hd.	23	24	3	3218-19	Nut - Hex.	16	7	2
323-4	Screw - Cap Hex. Hd.	19	40	2	3220-3	Nut - Jam	8	3	3
323-6	Screw - Cap Hex. Hd.	9	10	4	3220-3	Nut - Jam	3	4	2
323-7	Screw - Cap Hex. Hd.	27	4	2	3220-3	Nut - Jam	7	7	2
323-7	Screw - Cap Hex. Hd.	19	20	2	3220-3	Nut - Jam	9	19	1
323-7	Screw - Cap Hex. Hd.	3	38	2	3220-3	Nut - Jam	28	54	1
323-7	Screw - Cap Hex. Hd.	7	10	2	3220-5	Nut - Jam	82	26	2
323-7	Screw - Cap Hex. Hd.	29	28	2	3220-6	Nut	84	12	8
323-8	Screw - Cap Hex. Hd.	9	20	1	3220-6	Nut - Jam	87	1	4
323-9	Screw - Cap Hex. Hd.	3	1	1	3220-6	Nut - Jam	80	10	2
323-9	Screw - Cap Hex. Hd.	32	3	1	3220-6	Nut - Jam	74	17	2
323-9	Screw - Cap Hex. Hd.	69	3	2	3220-6	Nut - Jam	85	17	4
323-9	Screw - Cap Hex. Hd.	8	14	1	3220-7	Nut - Jam	66	12	3
323-11	Screw - Cap Hex. Hd.	27	34	6	3220-12	Nut - Jam LH Thread	82	24	2
323-12	Screw - Cap Hex. Hd.	8	29	2	3230-16	Bolt - Carriage	68	2	4
323-13	Screw - Cap Hex. Hd.	80	6	2	3231-22	Bolt - Carriage	2	47	2
323-13	Screw - Cap Hex. Hd.	74	10	3	3234-1	Screw - Cap Hex. Hd.	83	8	4
323-13	Screw - Cap Hex. Hd.	82	10	4	3234-1	Screw - Hex. Flange Hd.	27	31	4
323-14	Screw - Cap Hex. Hd.	83	7	2	3234-1	Screw - Hex. Flange Hd.	85	34	1
323-15	Screw - Cap Hex. Head	75	13	4	3234-4	Screw - Cap Hex. Hd.	56	4	1
323-17	Screw - Cap Hex. Hd.	17	10	1	3234-4	Screw - Cap Hex. Hd.	3	43	2
323-29	Screw - Cap Hex. Hd.	27	14	3	3234-5	Screw - Hex. Flange Hd.	32	44	6
323-33	Screw - Cap Hex. Hd.	32	13	2	3234-8	Screw - Hex. Flange Hd.	74	25	1
323-34	Screw - Cap Hex. Hd.	32	7	1	3234-11	Screw	32	22	8
323-34	Screw - Cap Hex. Hd.	19	24	5	3234-11	Screw - Hex. Flange Head	76	6	6
323-34	Screw - Cap Hex. Hd.	2	36	2	3234-11	Screw - Hex. Flange Head	77	6	6
324-4	Screw - Cap Hex. Hd.	31	6	2	3234-11	Screw - Hex. Flange Head	78	8	6
324-4	Screw - Cap Hex. Hd.	28	58	2	3234-12	Screw - Cap Hex. Hd.	53	17	2
324-12	Screw - Cap Hex. Hd.	32	20	3	3234-12	Screw - Hex. Flange Hd.	3	12	2
325-2	Screw - Cap Hex. Hd.	70	5	2	3234-12	Screw - Hex. Washer Hd.	19	1	2
325-2	Screw - Cap Hex. Hd.	3	44	1	3234-12	Screw - Hex. Washer Hd.	52	26	7
325-4	Screw - Cap Hex. Hd.	56	25	2	3234-12	Screw - Hex. Washer Hd.	2	44	9
325-4	Screw - Cap Hex. Hd.	6	26	1	3234-13	Screw - Hex. Washer Hd.	23	7	2
325-5	Screw - Cap Hex. Hd.	82	18	2	3234-14	Screw - Hex. Flange Hd.	52	1	12
325-5	Screw - Cap Hex. Hd.	2	55	2	3234-14	Screw - Hex. Flange Hd.	69	5	6
325-6	Screw - Cap Hex. Hd.	82	32	2	3234-14	Screw - Hex. Flange Hd.	8	17	2

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3234-14	Screw - Hex. Washer Hd.	2	41	4	3256-26	Washer - Flat	52	39	2
3234-17	Screw - Hex. Flange Hd.	33	60	1	3256-28	Washer - Flat	70	12	2
3234-18	Screw - Flange Head	25	39	1	3256-28	Washer - Flat	53	14	4
3234-22	Screw - Flange Head	25	24	3	3256-28	Washer - Flat	56	18	1
3234-27	Screw - Hex. Flange Hd.	71	4	2	3256-49	Washer - Flat	12	6	1
3234-29	Screw - Cap Flange Head	75	4	8	3256-67	Washer - Flat	75	18	8
3234-32	Screw - Hex. Flange Hd.	53	11	2	3256-70	Washer - Flat	25	36	3
3234-32	Screw - Hex. Flange Hd.	52	30	2	3256-71	Washer - Flat	27	16	2
3234-32	Screw - Hex. Flange Hd.	56	33	2	3256-77	Washer - Flat	15	7	1
3247-2	Screw - Set	56	9	1	3258-19	Screw - Rd. Head Machine	51	2	2
3249-11	Screw - Machine Rd. Hd.	27	25	2	3272-1	Pin - Cotter	17	8	6
3253-4	Washer - Lock	66	4	5	3272-5	Pin - cotter	9	39	2
3253-4	Washer - Lock	68	6	4	3272-6	Pin - Cotter	7	18	2
3253-4	Washer - Lock	6	7	6	3272-9	Pin - Cotter	84	15	2
3253-4	Washer - Lock	13	16	4	3272-10	Pin - Cotter	1	15	1
3253-4	Washer - Lock	33	64	4	3272-10	Pin - Cotter	9	38	1
3253-6	Washer - Lock	31	10	2	3272-10	Pin - Cotter	32	41	1
3253-6	Washer - Lock	70	10	2	3272-11	Pin - Cotter	85	30	2
3253-6	Washer - Lock	28	59	2	3272-12	Pin - Cotter	85	4	2
3253-7	Washer - Lock	70	6	2	3272-12	Pin - Cotter	53	39	2
3253-15	Washer - Lock	19	30	5	3272-13	Pin - Cotter	53	34	2
3253-21	Washer - Lock	9	9	4	3273-17	Screw - Hex. Socket Hd.	89	5	2
3253-21	Washer - Lock	19	21	9	3274-19	Screw - Cap Socket Hd.	8	12	1
3253-21	Washer - Lock	23	25	3	3274-68	Screw - Socket Button Hd.	16	19	4
3253-21	Washer - Lock	2	37	2	3274-71	Screw - Soc. Hex. Hd.	25	1	2
3253-21	Washer - Lock	4	44	6	3274-80	Screw - Hex. Hd	84	5	4
3254-20	Washer - Lock, Int. Tooth	16	6	1	3274-87	Screw - Flat Hd. Socket	6	3	12
3255-7	Washer - Lock Ext. Tooth	15	22	1	3284-3	Pin - Groove	12	28	1
3255-8	Washer - Lock Ext. Tooth	15	19	1	3290-126	Screw - Hex. Washer Hd.	15	8	3
3255-8	Washer - Lock, Ext. Tooth	32	11	2	3290-148	Nut - Lock	15	4	1
3256-1	Washer - Flat	15	10	1	3290-256	Pin - Cotter, Hair	74	12	1
3256-2	Washer	68	7	4	3290-256	Pin - Cotter, Hair	80	16	1
3256-2	Washer - Flat	13	8	8	3290-256	Pin - Cotter, Hair	85	22	2
3256-3	Washer	16	23	2	3290-359	Screw - Round Hd.	2	32	2
3256-3	Washer - Flat	28	64	1	3290-271	Rivet - Pop	52	5	2
3256-3	Washer - Flat	12	25	1	3290-282	Rivet - Pop	12	5	1
3256-3	Washer - Flat	2	40	2	3290-307	Pin - Cotter, Hair	12	26	1
3256-3	Washer - Flat	8	43	1	3290-357	Nut - Flange Head	3	14	1
3256-3	Washer - Flat	33	61	3	3290-357	Nut - Flange Head	28	56	1
3256-5	Washer - Flat	70	11	2	3290-357	Nut - Lock	33	99	6
3256-22	Washer - Flat	9	41	1	3290-357	Nut - Lock, Flange Hd.	2	34	4
3256-23	Washer - Flat	52	2	6	3290-378	Tie - Cable	82	3	2
3256-23	Washer - Flat	31	19	1	3290-378	Tie - Cable	86	6	1
3256-23	Washer - Flat	12	39	2	3290-378	Tie - Cable	24	49	1
3256-23	Washer - Flat	9	47	2	3290-378	Tie - Cable	33	58	2
3256-23	Washer - Flat	54	55	1	3290-378	Tie - Cable	33	58	3
3256-23	Washer - Flat	57	57	1	3290-378	Tie - Cable	10	60	1
3256-24	Washer - Flat	32	4	4	3290-379	Tie - Cable	3	49	1
3256-24	Washer - Flat	17	11	2	3290-379	Tie - Cable	52	20	2
3256-24	Washer - Flat	19	11	9	3290-384	Pin - Lynch	74	23	1
3256-24	Washer - Flat	23	11	3	3290-384	Pin - Lynch	80	24	1
3256-24	Washer - Flat	8	37	1	3290-384	Pin - Lynch	85	46	2
3256-24	Washer - Flat	2	38	2	3290-467	Pin - Hair, Cotter	82	1	2
3256-24	Washer - Flat	25	7	6	3290-477	Washer - Curved	28	57	2
3256-24	Washer - Flat	27	35	9	3290-483	Washer - Belleville	82	19	2
3256-26	Washer - Flat	71	2	4	3290-483	Washer - Belleville	2	52	2
3256-26	Washer - Flat	85	3	4	3296-2	Nut - Lock	2	35	2
3256-26	Washer - Flat	27	9	2	3296-2	Nut Lock	16	13	1
3256-26	Washer - Flat	82	29	2	3296-6	Nut - Lock	79	9	3
3256-26	Washer - Flat	12	36	2	3296-6	Nut - Lock	26	10	3
3256-26	Washer - Flat	9	36	4	3296-9	Nut - Lock	27	18	2

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3296-12	Nut - Lock	15 24 1	32121-25	Pin - Roll	8 25 2
3296-15	Nut - Lock	74 13 1	32121-50	Pin - Roll	8 35 1
3296-15	Nut - Lock	80 14 1	32121-51	Pin - Roll	85 13 2
3296-23	Nut - Lock	85 21 2	32121-123	Pin - Roll	9 18 2
3296-25	Nut - Lock	70 8 2	32122-24	Screw - Round Hd.	19 31 5
3296-25	Nut - Lock	82 14 2	32128-13	Nut - Lock	33 85 2
3296-25	Nut - Lock	25 27 5	32128-19	Nut - Flange	33 71 2
3296-25	Nut - Lock	2 31 2	32128-19	Nut - Flange Hd.	85 1 2
3296-25	Nut - Lock	2 51 2	32128-19	Nut - Flange Lock	69 2 2
3296-29	Nut - Lock	84 1 2	32128-19	Nut - Lock, Flange Hd.	82 5 2
3296-29	Nut - Lock	68 3 4	32128-19	Nut - Lock, Flange Head	80 7 2
3296-29	Nut - Lock	13 7 4	32128-20	Nut - Lock	8 36 2
3296-29	Nut - Lock	27 15 5	32128-20	Nut - Lock, Flange Head	31 12 1
3296-39	Nut - Lock	7 13 2	32128-20	Nut - Lock, Flange Head	76 12 8
3296-39	Nut - Lock	17 14 1	32128-21	Nut - Flange Hd.	75 35 1
3296-39	Nut - Lock	74 27 1	32128-21	Nut - Lock, Flange Head	76 8 6
3296-39	Nut - Lock	80 27 1	32128-21	Nut - Lock, Flange Head	77 8 6
3296-39	Nut - Lock	82 17 2	32128-21	Nut - Lock, Flange Head	78 10 6
3296-39	Nut - Lock	25 20 4	32128-23	Nut - Flange Hd.	85 42 2
3296-42	Nut - Lock	15 9 2	32128-23	Nut - Flange Lock	53 1 2
3296-42	Nut - Lock	8 33 1	32128-23	Nut - Flange Lock	56 1 2
3296-42	Nut - Lock	19 36 1	32128-23	Nut - Hex. Flange Hd.	83 15 4
3296-44	Nut - Lock	15 25 1	32128-25	Nut	80 3 8
3296-45	Nut - Lock	82 28 2	32128-25	Nut - Flange Head	74 19 4
3296-45	Nut - Lock	54 58 2	32128-25	Nut - Flange Lock	13 14 4
3296-45	Nut - Lock	57 60 2	32128-25	Nut - Lock, Flange Hd.	82 11 8
3296-47	Nut - Lock	15 18 1	32128-30	Nut - Lock	32 40 11
3296-47	Nut - Lock	31 21 1	32128-33	Nut - Flange Lock	16 18 4
3296-47	Nut - Lock	52 25 5	32128-33	Nut - Flange Lock	57 53 1
3296-47	Nut - Lock	28 62 2	32128-33	Nut - Lock	12 10 1
3296-49	Nut - Lock	76 2 1	32128-37	Nut - Lock, Flange Hd.	32 18 3
3296-49	Nut - Lock	77 2 1	32128-43	Nut - Lock, Flange Head	72 3 3
3296-49	Nut - Lock	78 2 1	32128-49	Nut - Flange Head	25 28 3
3296-49	Nut - Lock	9 12 2	32128-50	Nut - Lock, Flange Hd.	6 9 4
3296-51	Nut - Lock	53 10 3	32136-2	Nut	85 5 2
3296-53	Nut - Lock	81 3 2	32136-13	Nut - Slotted	53 33 2
3296-53	Nut - Lock	73 7 2	32136-13	Nut - Slotted	53 38 2
3296-59	Nut - Lock	8 1 4	32104-76	Screw - Acorn Slot. Hd.	1 14 17
3296-59	Nut - Lock	3 7 1	32144-4	Screw - Hex. Hd.	12 34 1
3296-59	Nut - Lock	7 8 2	32144-4	Screw - Hex. Washer Hd.	16 12 6
3296-59	Nut - Lock	27 24 3	32144-4	Screw - Hex. Washer Hd.	15 14 10
3296-59	Nut - Lock	9 31 1	32144-4	Screw - Hex. Washer Hd.	9 28 4
3296-59	Nut - Lock, Flange Head	75 9 4	32144-4	Screw - Thread Forming	23 44 4
3296-67	Nut - Lock	6 19 2	32144-11	Screw - Hex. Flange Hd.	53 9 2
3296-81	Nut - Lock	56 19 2	32144-11	Screw - Hex. Flange Hd.	8 28 4
32104-37	Screw - Cap Hex. Hd.	54 54 1	32144-11	Screw - Hex. Washer Hd.	23 8 2
32104-37	Screw - Cap Hex. Hd.	57 56 1	32144-11	Screw - Hex. Washer Hd.	25 8 5
32104-82	Screw - Hex. Washer Hd.	12 13 1	32144-11	Screw - Hex. Washer Hd.	32 10 2
32105-12	Screw - Hex. Hd.	16 16 1	32144-11	Screw - Hex. Washer Hd.	1 12 10
32107-11	Nut	51 9 2	32144-11	Screw - Hex. Washer Hd.	12 31 2
32108-58	Screw - Machine Flat Hd.	66 25 4	32144-11	Screw - Hex. Washer Hd.	9 32 5
32120-15	Ring - Retaining	56 32 2	32144-11	Screw - Hex. Washer Hd.	17 40 2
32120-19	Ring - Retaining, Ext.	7 12 4	32144-11	Screw - Hex. Washer Hd.	57 50 2
32120-65	Ring - Retaining	67 2 1	32144-19	Screw - Hex. Hd.	16 15 2
32121-6	Pin - Roll	9 35 1	32144-26	Screw - Hex. Washer Hd.	27 11 2
32121-6	Pin - Roll	3 45 1	32144-57	Screw - Hex. Washer Hd.	9 48 2
32121-10	Pin - Roll	9 16 1	32144-70	Screw - Hex. Flange Hd.	82 13 1
32121-11	Pin - Roll	82 15 2	32144-70	Screw	75 15 2
32121-11	Pin - Roll	8 32 2	32144-70	Screw - Hex. Flange Hd.	83 12 3
32121-11	Pin - Roll	2 53 2	32144-70	Screw - Hex. Washer Hd.	85 15 6
32121-24	Pin - Roll	3 42 1	32148-9	Insert	32 6 3

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Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
32148-10	Insert - Threaded	19	38	3	340-97	Fitting - Hydraulic 90°	57 48 2
32148-10	Insert - Threaded	52	28	10	340-99	Fitting - Hydraulic 90°	17 35 1
32151-10	Ring - Retaining	53	19	2	340-101	Fitting - Hydraulic	3 25 1
32151-62	Ring - Retaining	3	40	1	340-109	Fitting - Tee	23 42 1
32151-72	Retainer - Push-On	52	14	4	340-115	Fitting - Hydraulic	31 33 2
32151-72	Retainer - Push-On	16	24	2	340-125	Fitting - Hydraulic, Tee	66 14 1
32151-72	Retainer - Push-in	2	46	2	340-132	Fitting - Hydraulic 90°	66 13 2
32151-73	Ring - Clip	27	2	1	340-138	Fitting - Hydraulic	9 4 3
32151-73	Ring - Retaining	84	16	6	340-139	Fitting - Hydraulic	23 22 1
32151-88	Ring - Retaining	6	21	2	340-139	Fitting - Hydraulic 90°	56 24 1
32151-96	Ring - Retaining	56	30	2	340-140	Fitting - Hydraulic, Tee	66 5 1
32152-2	Nut - Lock	27	36	6	340-141	Fitting - Hydraulic	23 29 1
32152-2	Nut - Lock, Flange Hd.	25	41	3	340-147	Fitting - Hydraulic	23 17 1
32152-5	Nut - Lock	54	47	2	340-155	Fitting - Hydraulic	3 34 2
340-2	Adapter - Straight	86	12	2	340-155	Fitting - Hydraulic 90°	31 13 2
340-2	Fitting - Adapter	17	25	1	340-157	Fitting - Tee	31 27 1
340-4	Fitting - Hydraulic	31	28	1	340-159	Fitting - Hydraulic	9 50 3
340-6	Fitting - Adapter	23	31	1	340-165	Fitting - Hydraulic	31 30 1
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