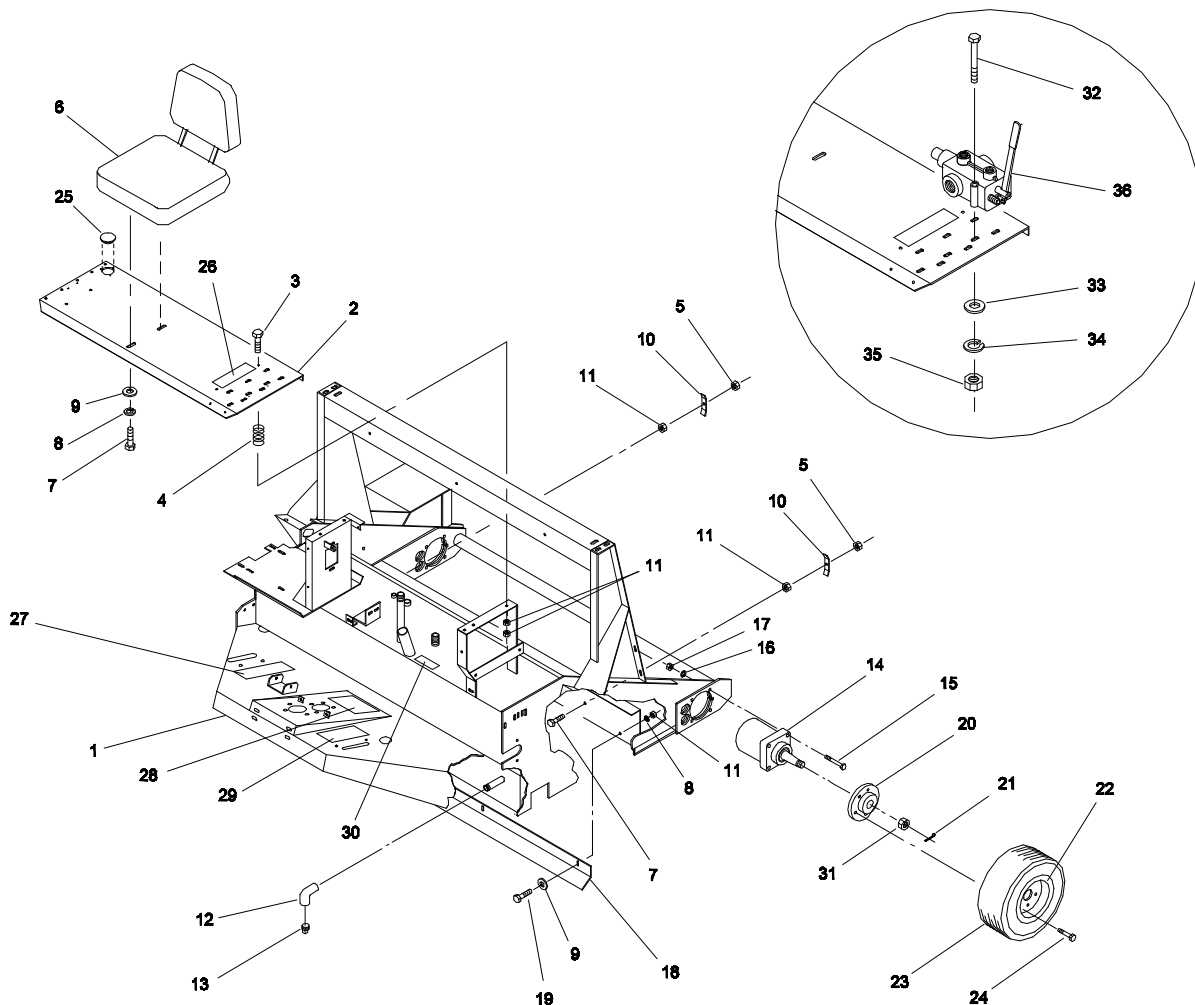


TORO®

MODEL NO. 44056 - 20101 & UP

PARTS CATALOG

TURF SWEEPER 4800HL (Japanese)



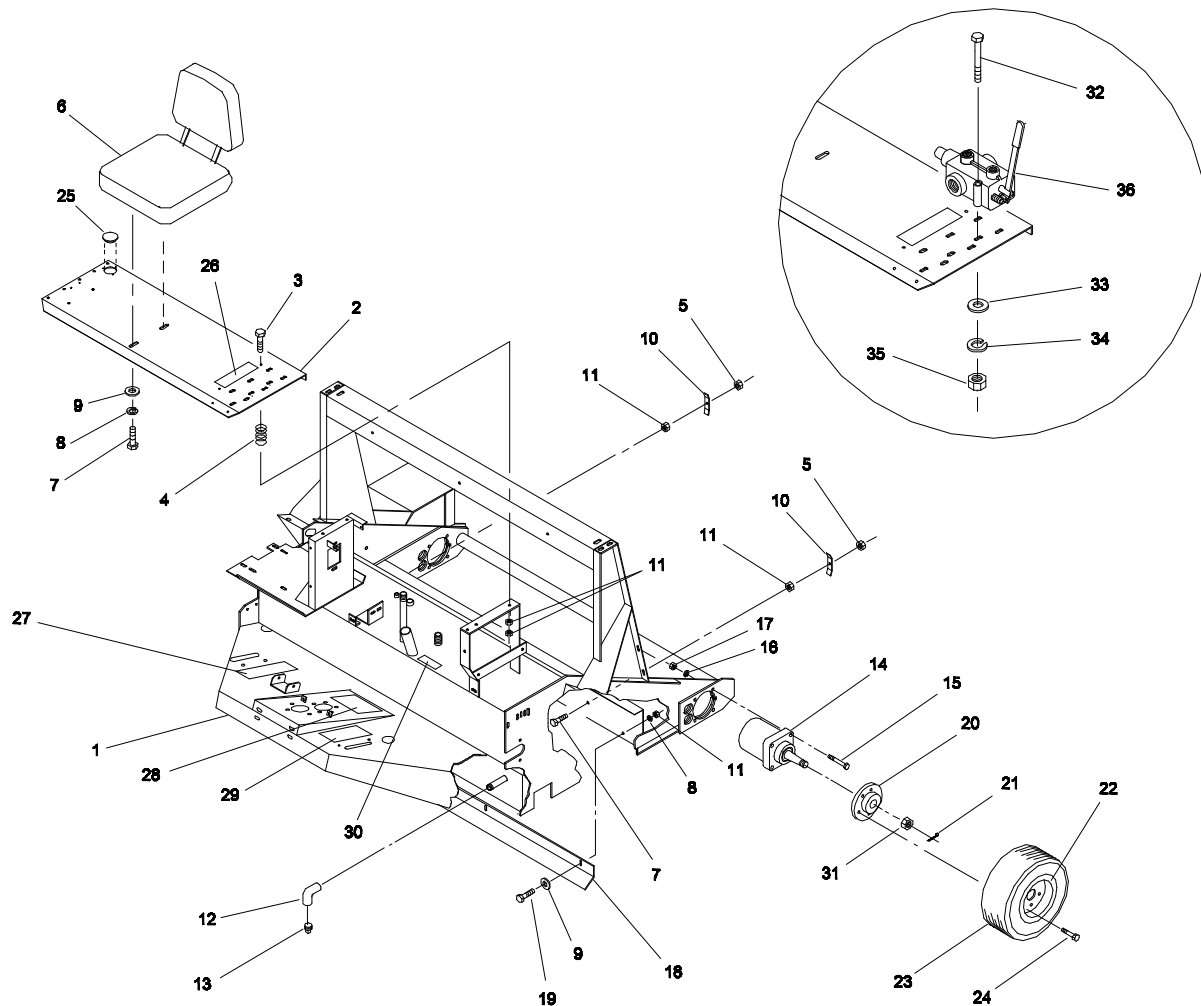
MAIN FRAME ASSEMBLY

48J-001

Ref. No.	Part No.	Description	No. Used
1	48-005-0774	Main Frame	1
2	48-005-0462	Seat Mount	1
3	323-10	Capscrew - Hex Hd.	4
4	01-261-0240	Spring	4
5	3296-22	Lock Nut	2
6	01-286-0220	Seat	1
7	01-182-0616	Capscrew - Hex Hd.	4
8	3253-5	Lock Washer	5
9	3256-4	Flat Washer	5
10	48-004-1861	Hose Hold Down Bracket	2
11	3217-7	Hex Nut	13
12	01-455-0100	Elbow	1
13	01-451-0010	Pipe Plug	1

Ref. No.	Part No.	Description	No. Used
14	01-304-0410	Hydraulic Motor (Incl. Ref. #31)	2
*	01-304-0260	Seal Kit	1
15	325-12	Capscrew - Hex Hd.	8
16	3253-7	Lock Washer	8
17	3217-9	Hex Nut	8
18	48-004-1751	Air Deflector	1
19	323-6	Capscrew - Hex Hd.	3
20	01-269-2040	Wheel Hub	2
21	01-151-0170	Cotter Pin	2
22	01-269-1020	Wheel	2
23	01-269-0330	Tire	2
24	01-158-1610	Lug Bolt	10
25	01-288-0020	Hour Meter	1

* Not Illustrated



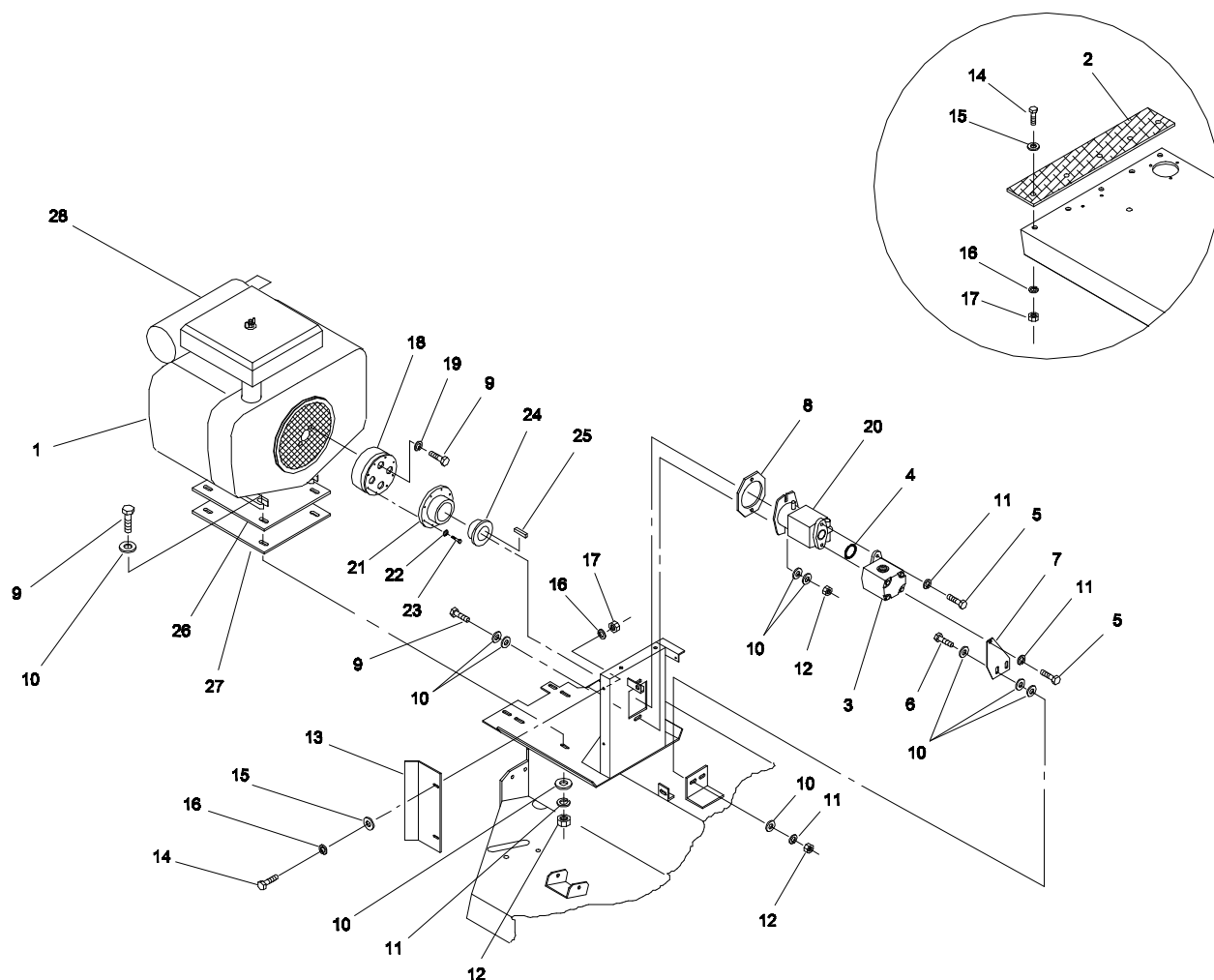
MAIN FRAME ASSEMBLY (Continued)

48J-001

Ref. No.	Part No.	Description	No. Used
26	01-506-0170	Decal - Hopper Door/ Hopper Lift	1
27	01-506-0570	Decal - Traction Pedal	1
28	01-506-0090	Decal - Danger	1
29	01-506-0980	Decal - Parking Brake	1
30	01-506-0560	Decal - Hydraulic Oil	1
31	01-190-1620	Castle Nut (Incl. w/Ref. #14)	2

Ref. No.	Part No.	Description	No. Used
32	322-12	Capscrew - Hex Hd.	4
33	3256-3	Flat Washer	4
34	3253-4	Lock Washer	4
35	3217-6	Hex Nut	4
36	01-308-0050	Valve	2
*	01-308-0130	Seal Kit	1

* Not Illustrated



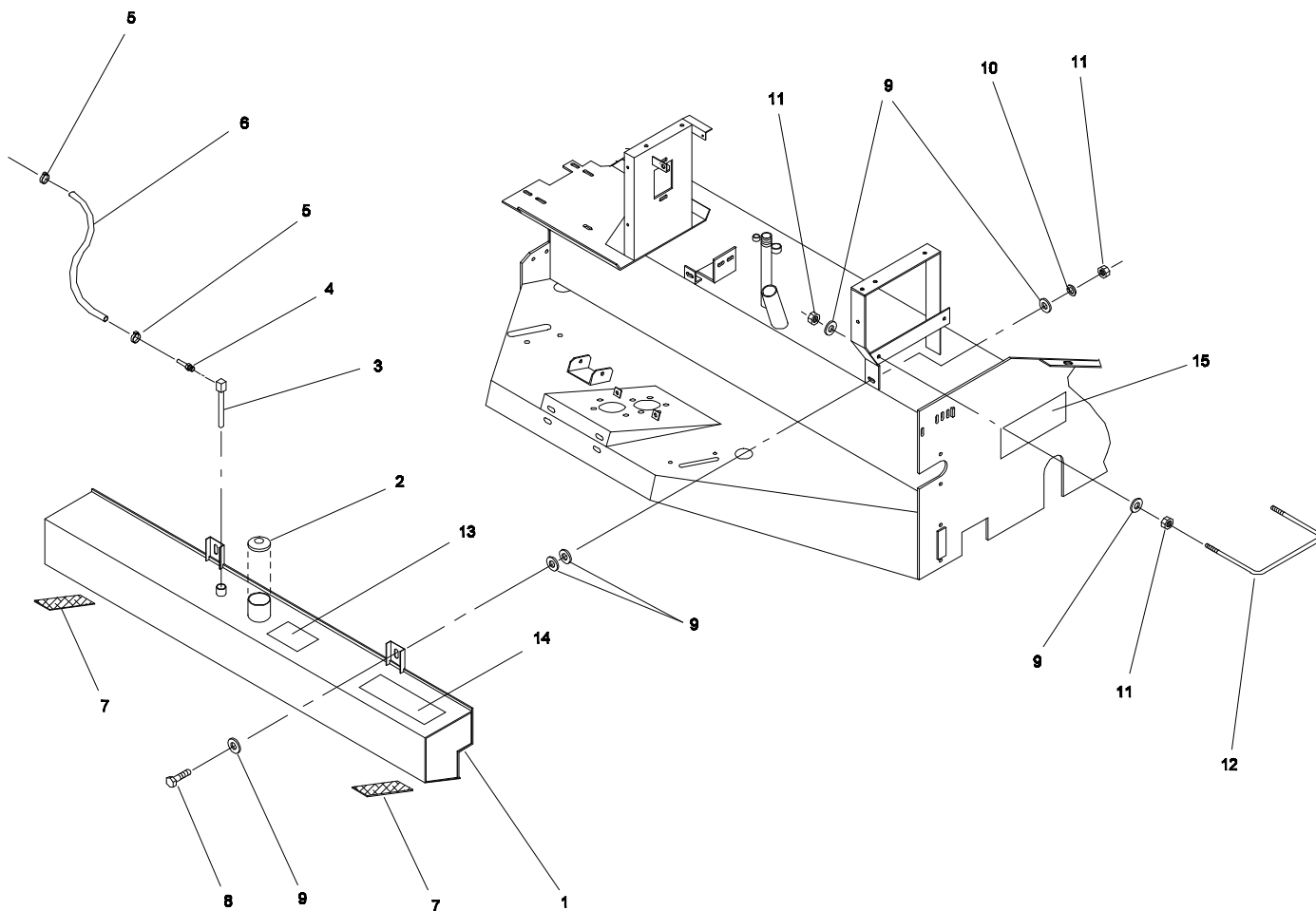
ENGINE MOUNTING

48J-005

Ref. No.	Part No.	Description	No. Used
1	01-270-6830	Engine	1
*	01-600-0050	Battery Cable (neg.)	1
*	01-600-0190	Battery Cable (pos.)	1
2	48-004-6441	Flywheel Guard	1
3	01-305-0020	Sundstrand Pump	1
*	01-305-0600	Seal Kit	1
4	01-402-0230	O-Ring	1
5	323-7	Capscrew - Hex Hd.	2
6	323-6	Capscrew - Hex Hd.	2
7	48-004-3131	Pump Support	1
8	48-004-5521	Cessna Pump Spacer	1
9	323-10	Capscrew - Hex Hd.	10
10	3256-4	Flat Washer	24
11	3253-5	Lock Washer	10
12	3217-7	Hex Nut	8
13	48-004-6391	Flywheel Guard	1
14	321-6	Capscrew - Hex Hd.	7

Ref. No.	Part No.	Description	No. Used
15	3256-2	Flat Washer	7
16	3253-3	Lock Washer	7
17	3217-5	Hex Nut	7
18	48-004-6212	Engine Adaptor	1
19	3253-5	Lock Washer	4
20	01-305-0090	Cessna Pump	1
*	48-005-0641	Tow Valve Handle	1
*	01-163-0100	Set Screw	1
*	92-4650	Seal Kit	1
21	01-265-0180	Flex Coupling	1
22	01-169-0010	Lock Washer	8
23	01-158-0150	Capscrew - Socket Hd.	8
24	01-260-0900	"H" Bushing	1
25	48-004-5071	Key	1
26	48-004-5471	Engine Spacer	1
27	48-004-5461	Engine Spacer	1
28	48-005-5961	Muffler	1

* Not Illustrated

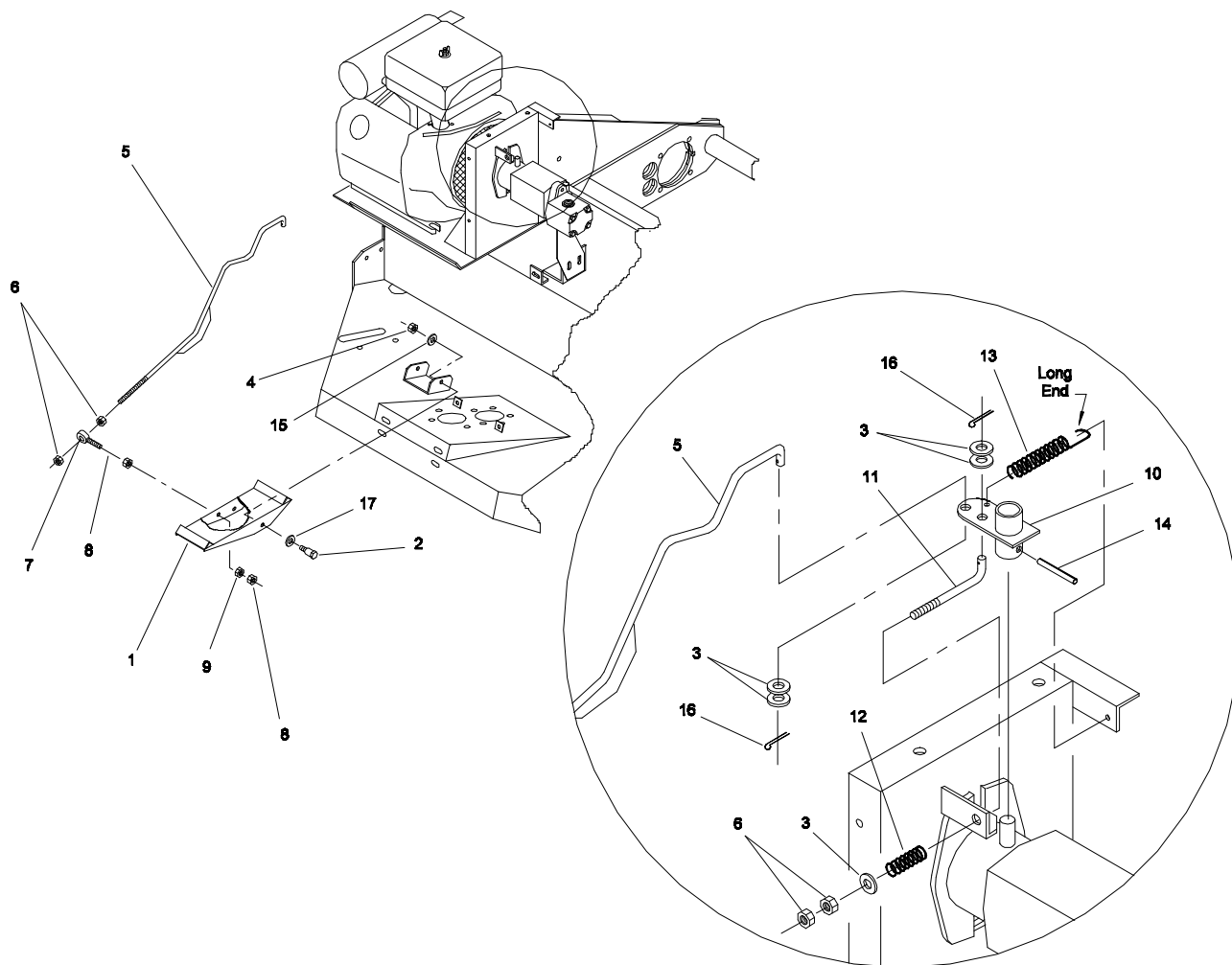


GAS TANK & BATTERY HOLD DOWN

48J-007

Ref. No.	Part No.	Description	No. Used
1	48-005-0712	Gas Tank	1
2	01-280-0020	Gas Cap - Type A - Vented	1
3	01-280-0190	Tank Withdrawal Assembly	1
4	01-217-0060	Hose Barb	1
5	01-202-0030	Hose Clamp	2
6	48-004-6261	Fuel Line	1
7	48-004-5131	PVK80 Rubber	2
8	323-7	Capscrew - Hex Hd.	2

Ref. No.	Part No.	Description	No. Used
9	3256-4	Flat Washer	12
10	3253-5	Lock Washer	2
11	3217-7	Hex Nut	6
12	48-004-3831	Battery Hold Down	1
13	01-506-0460	Decal - Gas Only	1
14	01-506-0540	Decal - No Riders	1
15	01-506-0080	Decal - Danger	2

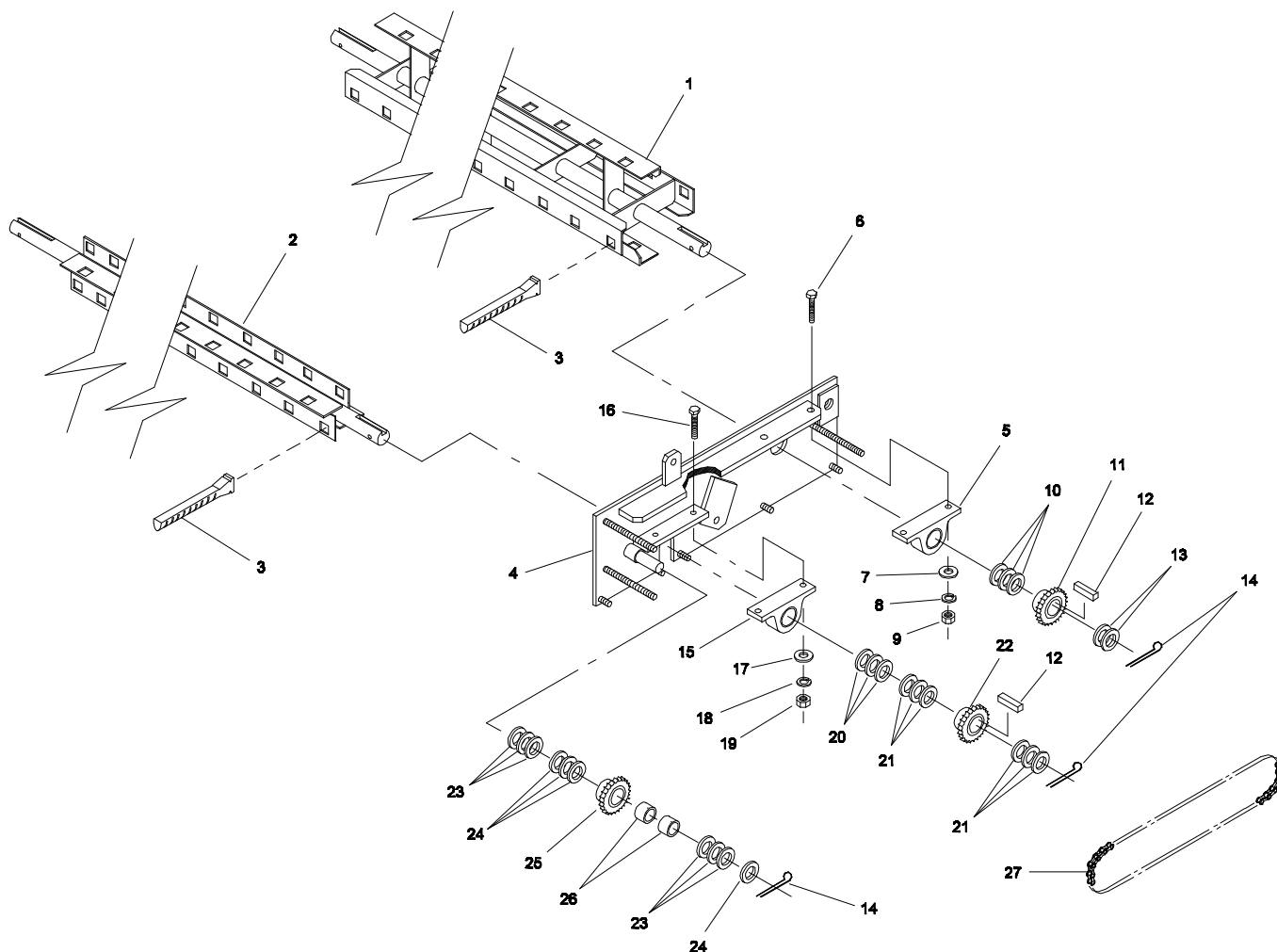


FOOT PEDAL & PUMP CONTROL ROD ASSEMBLY

48J-003

Ref. No.	Part No.	Description	No. Used
1	48-005-0621	Foot Pedal	1
2	01-158-0270	Shoulder Bolt	2
3	3256-4	Flat Washer	9
4	01-189-0518	Lock Nut	2
5	48-005-8231	Control Rod	1
6	3217-7	Hex Nut	4
7	01-250-0020	Rod End Bearing	1
8	3220-3	Jam Nut	2
9	3219-3	Hex Nut	1

Ref. No.	Part No.	Description	No. Used
10	48-005-0241	Pump Control Arm Assembly	1
11	48-004-2601	Spring Rod	1
12	01-261-0330	Spring	1
13	01-261-0930	Spring	1
14	32121-12	Roll Pin	1
15	3256-2	Flat Washer	2
16	3272-11	Cotter Pin	2
17	3256-3	Flat Washer	2



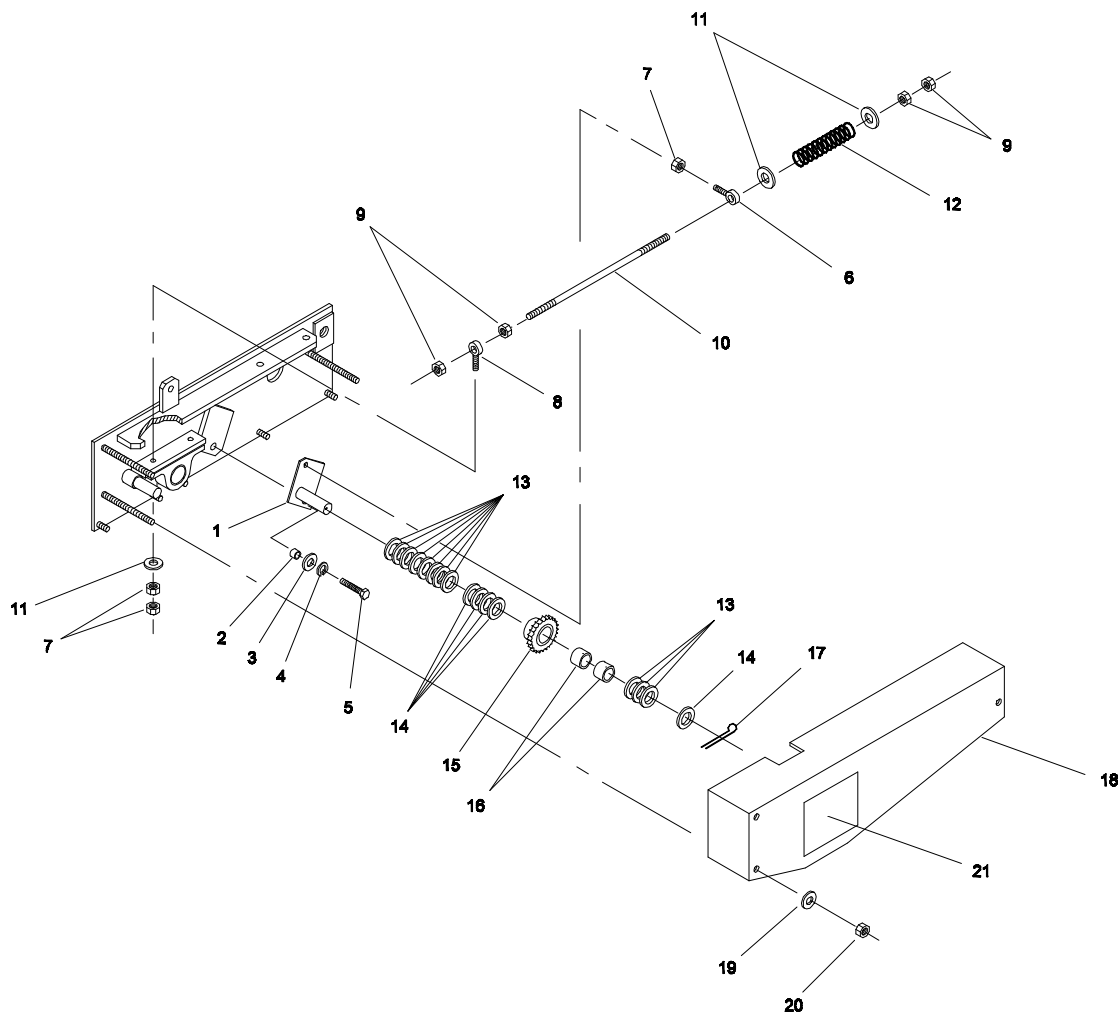
SWEeper REEL & TIMING CHAIN ASSEMBLY

48J-008

Ref. No.	Part No.	Description	No. Used
1	48-005-0201	Rear Reel Assembly	1
2	48-005-0131	Front Reel Assembly	1
3	01-279-0010	Rubber Fingers	116
4	48-005-0702	Reel Plate Assembly, L.H.	1
5	01-113-0020	Bearing	1
6	325-7	Capscrew - Hex Hd.	2
7	3256-6	Flat Washer	2
8	3253-7	Lock Washer	2
9	3217-9	Hex Nut	2
10	01-168-2014	Machinery Bushing	3(var)
11	01-262-0520	Sprocket	1
12	48-004-1931	Key	2
13	01-168-2010	Machinery Bushing	2
14	3272-23	Cotter Pin	3
15	01-113-0010	Bearing	1

Ref. No.	Part No.	Description	No. Used
16	323-8	Capscrew - Hex Hd.	1
17	3256-4	Flat Washer	1
18	3253-5	Lock Washer	1
19	3217-7	Hex Nut	1
20	01-168-1610	Machinery Bushing	3(var)
21	01-168-1614	Machinery Bushing	6(var)
22	01-262-0530	Sprocket	1
23	01-168-1410	Machinery Bushing	6(var)
24	01-168-1414	Machinery Bushing	4(var)
25	01-262-0610	Sprocket	1
26	01-105-0520	Needle Bearing	2
*	48-002-5441	Idler Sprocket Assembly (Incl. Ref. #25, 26)	1
27	54-004-0941	Reel Chain, #50	1
*	01-251-0020	Offset Link	1

* Not Illustrated



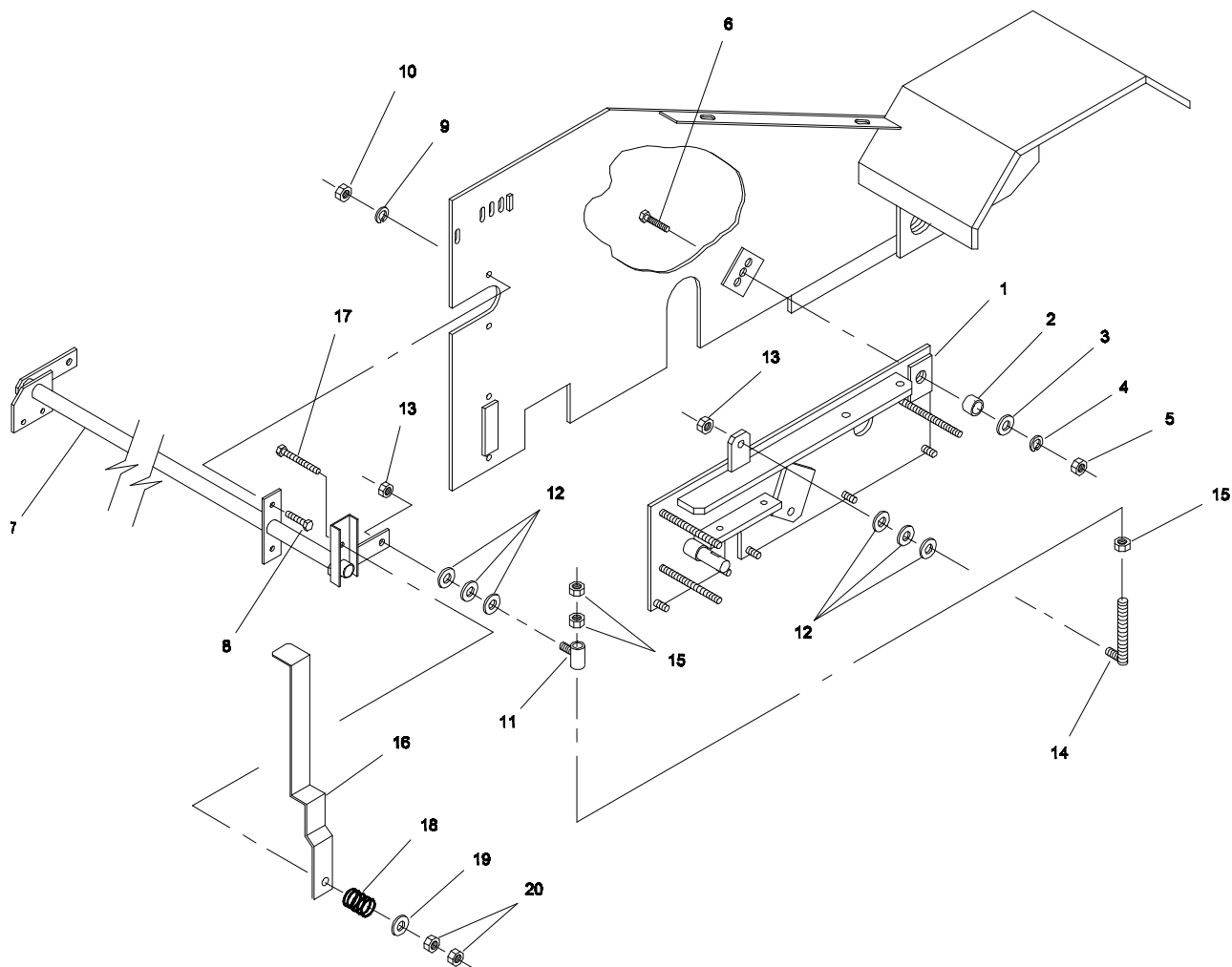
CHAIN IDLER & GUARD ASSEMBLY

48J-009

Ref. No.	Part No.	Description	No. Used
1	48-005-0191	Idler Shaft Assembly	1
2	48-004-3881	Spacer	1
3	3256-26	"SAE" Flat Washer	1
4	3253-7	Lock Washer	1
5	325-5	Capscrew - Hex Hd.	1
6	02-250-0020	Rod End Bearing (short)	1
7	3220-3	Jam Nut	3
8	01-250-0020	Rod End Bearing	1
9	3217-7	Hex Nut	5
10	48-004-3891	Idler Spring Rod	1
11	3256-4	Flat Washer	3
12	01-261-0300	Spring	1

Ref. No.	Part No.	Description	No. Used
13	01-168-1410	Machinery Bushing	11(var)
14	01-168-1414	Machinery Bushing	5(var)
15	01-262-0610	Sprocket	1
16	01-105-0520	Needle Bearing	2
*	48-002-5441	Idler Sprocket Assembly (Incl. Ref. # 15, 16)	1
17	3272-23	Cotter Pin	1
18	48-005-0162	Idler Cover	1
19	3256-5	Flat Washer	3
20	3296-48	Lock Nut	3
21	01-506-0050	Decal - Danger	1

* Not Illustrated

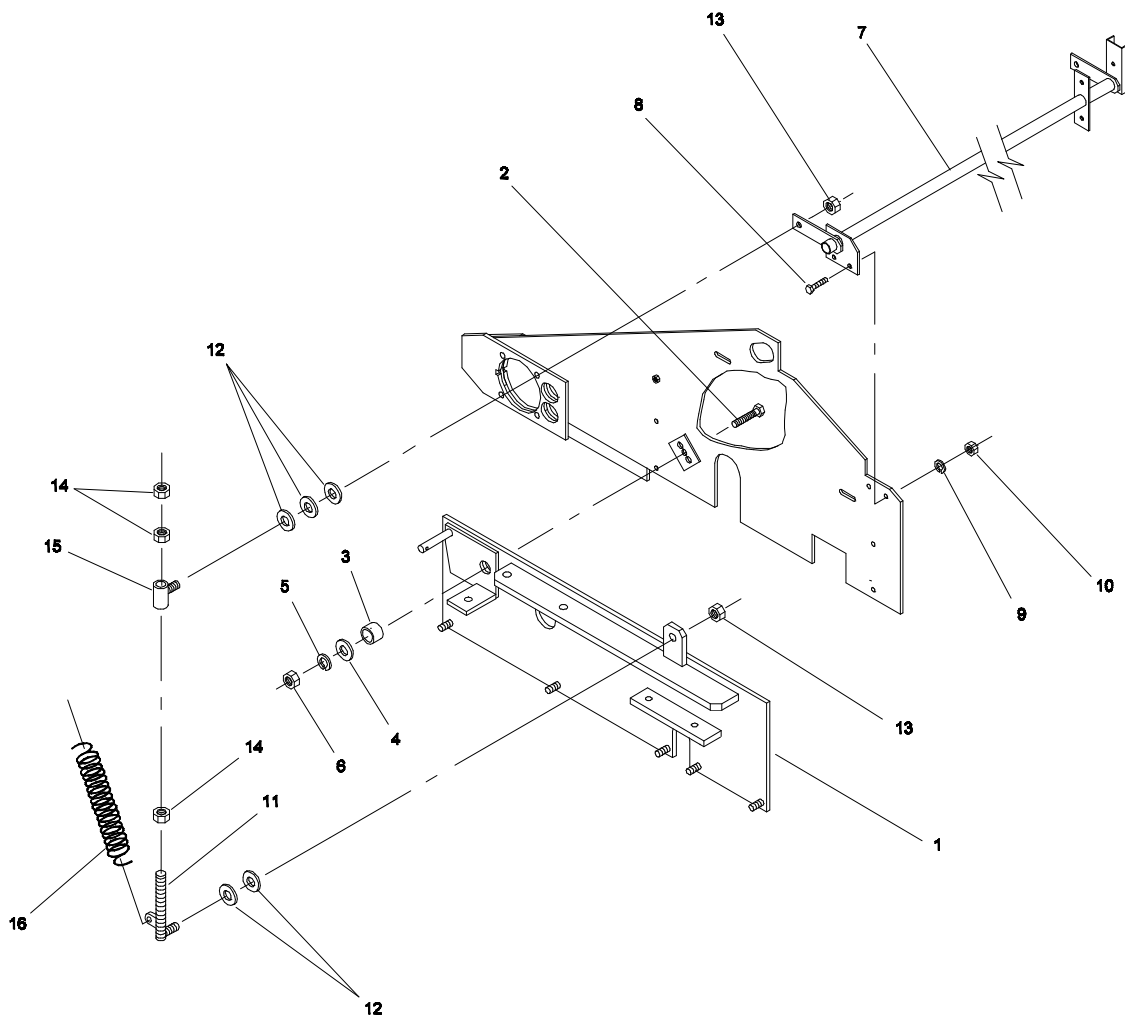


REEL LIFT ASSEMBLY - L.H.

48J-010

Ref. No.	Part No.	Description	No. Used
1	48-005-0702	Reel Plate Assembly-L.H.	1
2	48-004-5841	Reel Plate Spacer	1
3	3256-27	"SAE" Flat Washer	1
4	3253-8	Lock Washer	1
5	3218-6	Jam Nut	1
6	327-6	Capscrew - Hex Hd.	1
7	48-005-0432	Reel Lift Assembly	1
8	323-6	Capscrew - Hex Hd.	2
9	3253-5	Lock Washer	2
10	3217-7	Hex Nut	2

Ref. No.	Part No.	Description	No. Used
11	48-005-0591	Reel Lift Tube Assembly	1
12	3256-6	Flat Washer	6
13	01-189-0813	Lock Nut	2
14	48-005-0231	Reel Lift Rod Assembly-L.H.	1
15	3217-11	Hex Nut	3
16	48-005-0222	Handle	1
17	323-11	Capscrew - Hex Hd.	1
18	01-261-0240	Spring	1
19	3256-4	Flat Washer	1
20	3218-3	Jam Nut	2

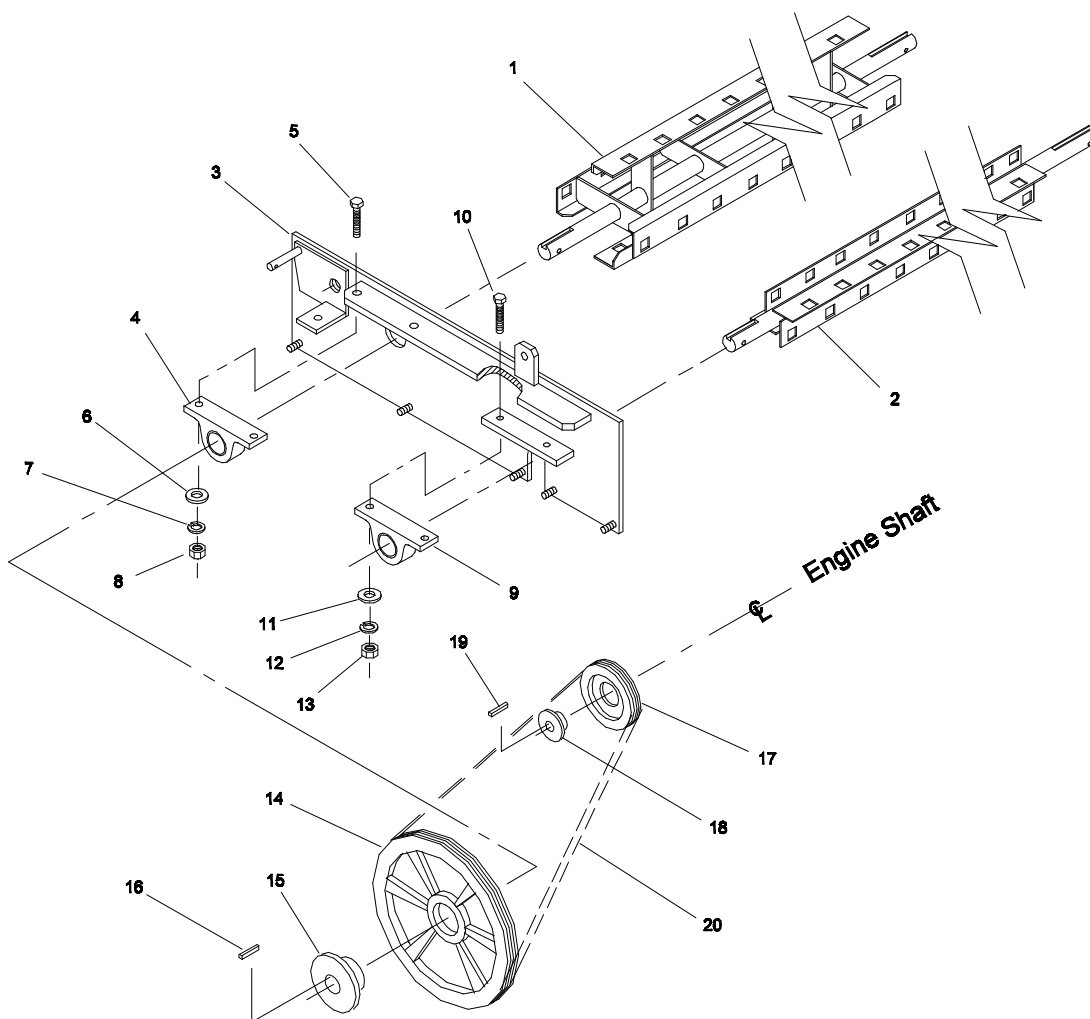


REEL LIFT ASSEMBLY - R.H.

48J-011

Ref. No.	Part No.	Description	No. Used
1	48-005-0692	Reel Plate Assembly-R.H.	1
2	327-6	Capscrew - Hex Hd.	1
3	48-004-5841	Reel Plate Spacer	1
4	3256-27	"SAE" Flat Washer	1
5	3253-8	Lock Washer	1
6	3218-6	Jam Nut	1
7	48-005-0432	Reel Lift Assembly	1
8	323-6	Capscrew - Hex Hd.	2

Ref. No.	Part No.	Description	No. Used
9	3253-5	Lock Washer	2
10	3217-7	Hex Nut	2
11	48-005-5781	Reel Lift Rod Assembly-R.H.	1
12	3256-6	Flat Washer	5
13	01-189-0813	Lock Nut	2
14	3217-24	Hex Nut	3
15	48-005-0591	Reel Lift Tube Assembly	3
16	01-261-0340	Spring	1

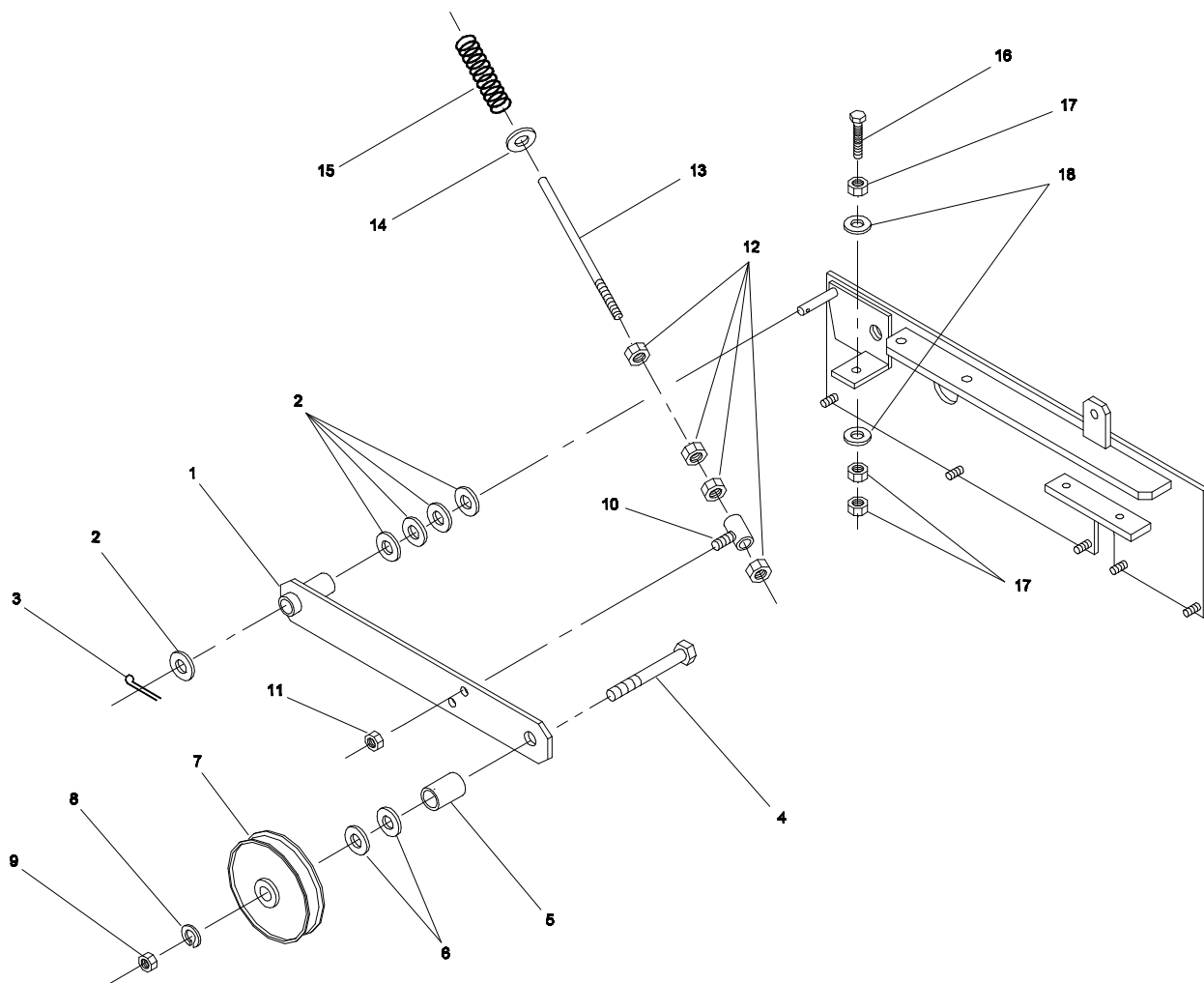


BELT DRIVE ASSEMBLY

48J-012

Ref. No.	Part No.	Description	No. Used
1	48-005-0201	Rear Reel Assembly	1
2	48-005-0131	Front Reel Assembly	1
3	48-005-0692	Reel Plate Assembly-R.H.	1
4	01-113-0020	Bearing	1
5	325-7	Capscrew - Hex Hd.	2
6	3256-6	Flat Washer	2
7	3253-7	Lock Washer	2
8	3217-9	Hex Nut	2
9	01-113-0010	Bearing	1
10	323-8	Capscrew - Hex Hd.	2

Ref. No.	Part No.	Description	No. Used
11	3256-4	Flat Washer	2
12	3253-5	Lock Washer	2
13	3217-7	Hex Nut	2
14	01-260-0010	Sheave	1
15	01-260-0290	Bushing	1
16	66-004-3211	Key	1
17	01-260-0110	Sheave	1
18	01-260-0310	Bushing	1
19	82-004-1171	Key	1
20	01-264-0010	Belt	1

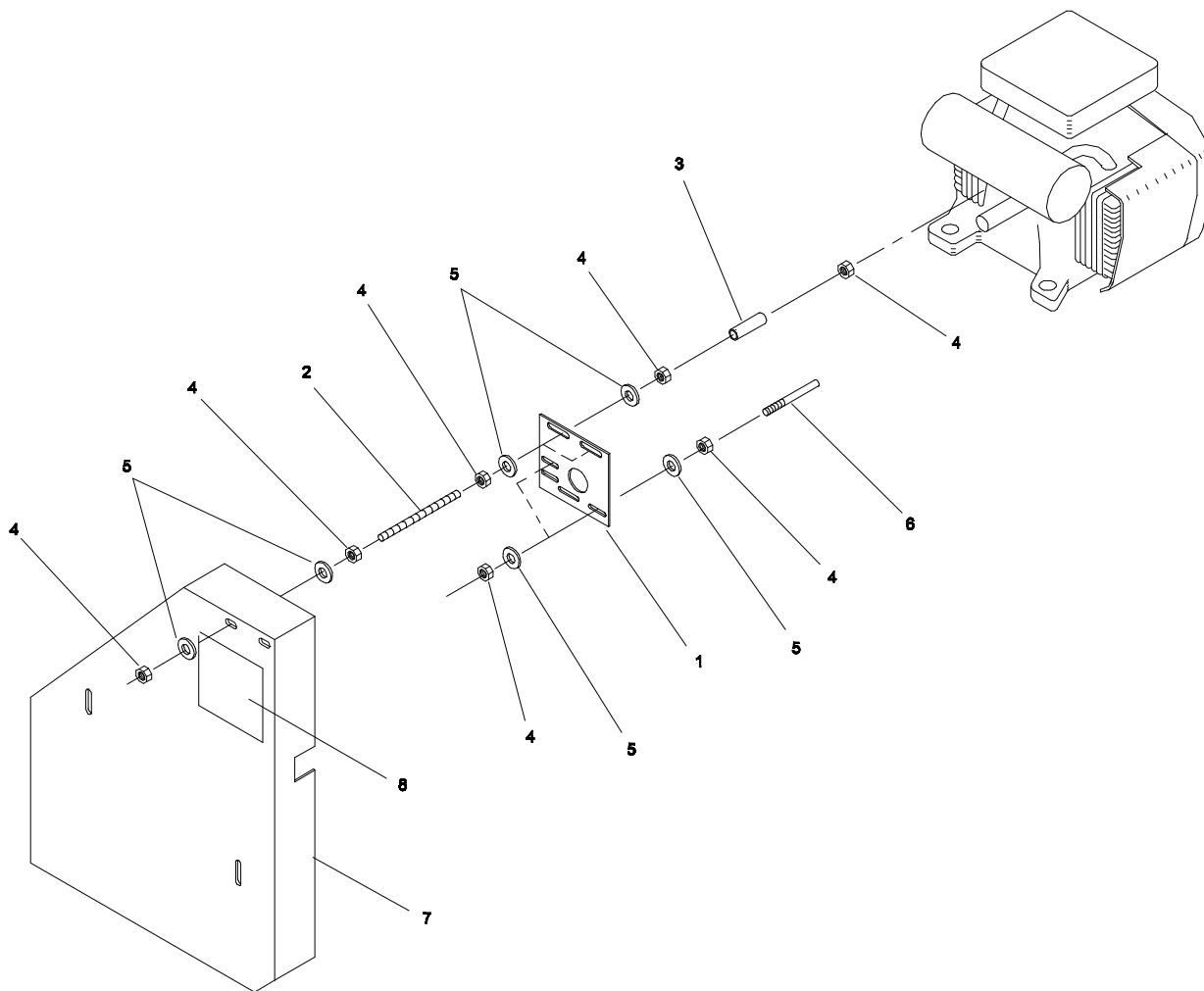


BELT IDLER ASSEMBLY

48J-013

Ref. No.	Part No.	Description	No. Used
1	48-005-0611	Idler Arm	1
2	01-168-1014	Machinery Bushing	5
3	3272-21	Cotter Pin	1
4	327-14	Capscrew - Hex Hd.	1
5	48-004-3471	Spacer	1
6	3256-7	Flat Washer	3
7	01-268-0010	Pulley	1
8	3253-8	Lock Washer	1
9	3217-11	Hex Nut	1

Ref. No.	Part No.	Description	No. Used
10	48-005-0121	Spring Tension Adjustment	1
11	3296-22	Lock Nut	1
12	3217-7	Hex Nut	4
13	48-004-1711	Idler Spring Rod	1
14	3256-4	Flat Washer	3
15	01-261-0300	Spring	1
16	01-182-0832	Capscrew - Hex Hd.	1
17	3217-9	Hex Nut	3
18	3256-6	Flat Washer	2

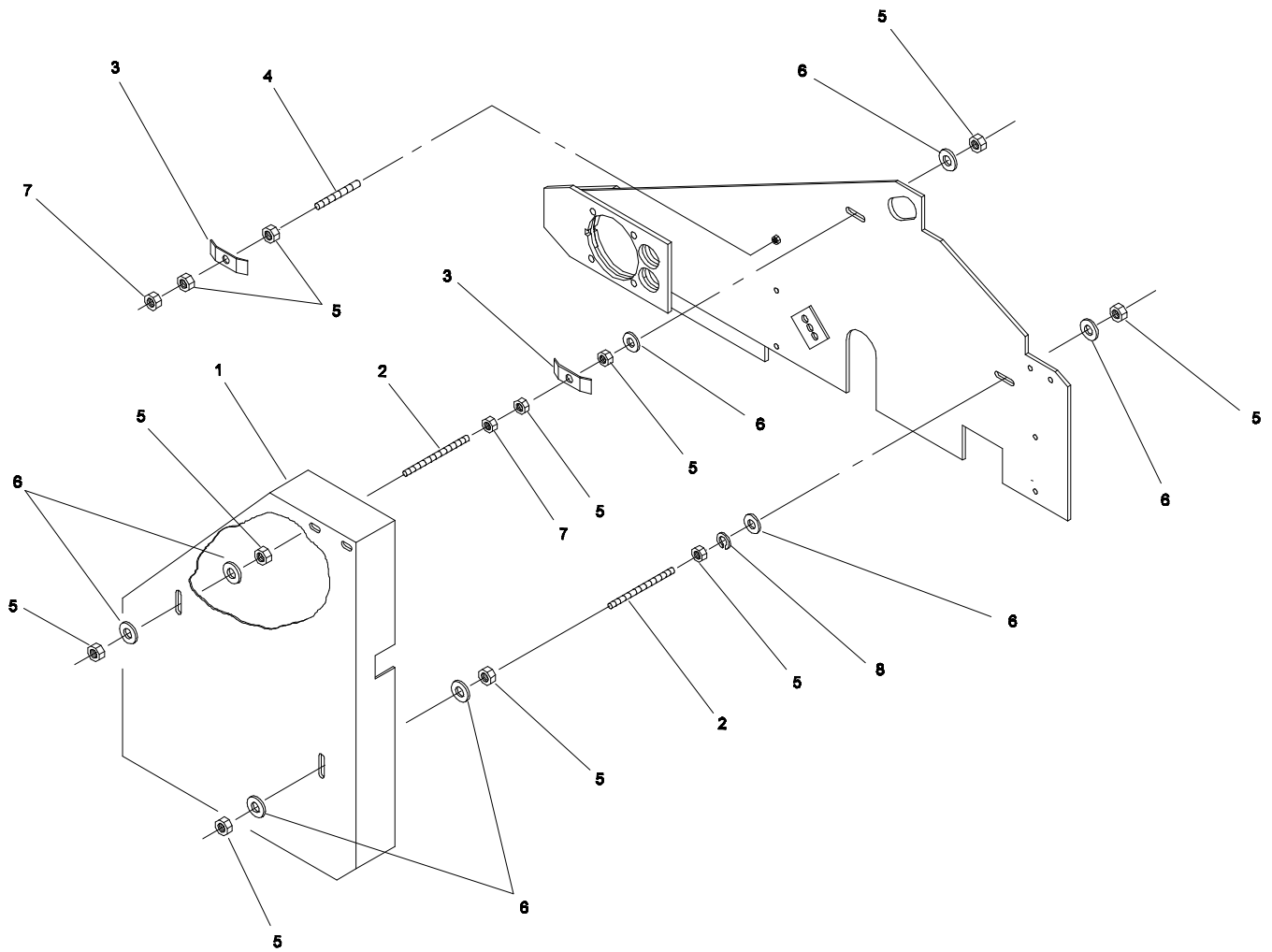


BELT SLIP BRACKET

48J-014

Ref. No.	Part No.	Description	No. Used
1	48-004-5501	Belt Slip Bracket	1
2	01-650-0160	All Thread	2
3	48-004-2101	Spacer	2
4	3217-7	Hex Nut	14

Ref. No.	Part No.	Description	No. Used
5	3256-4	Flat Washer	22
6	48-004-1211	Belt Slip Pin	2
7	48-005-0322	Belt Guard	1
8	01-506-0040	Decal - Danger	1

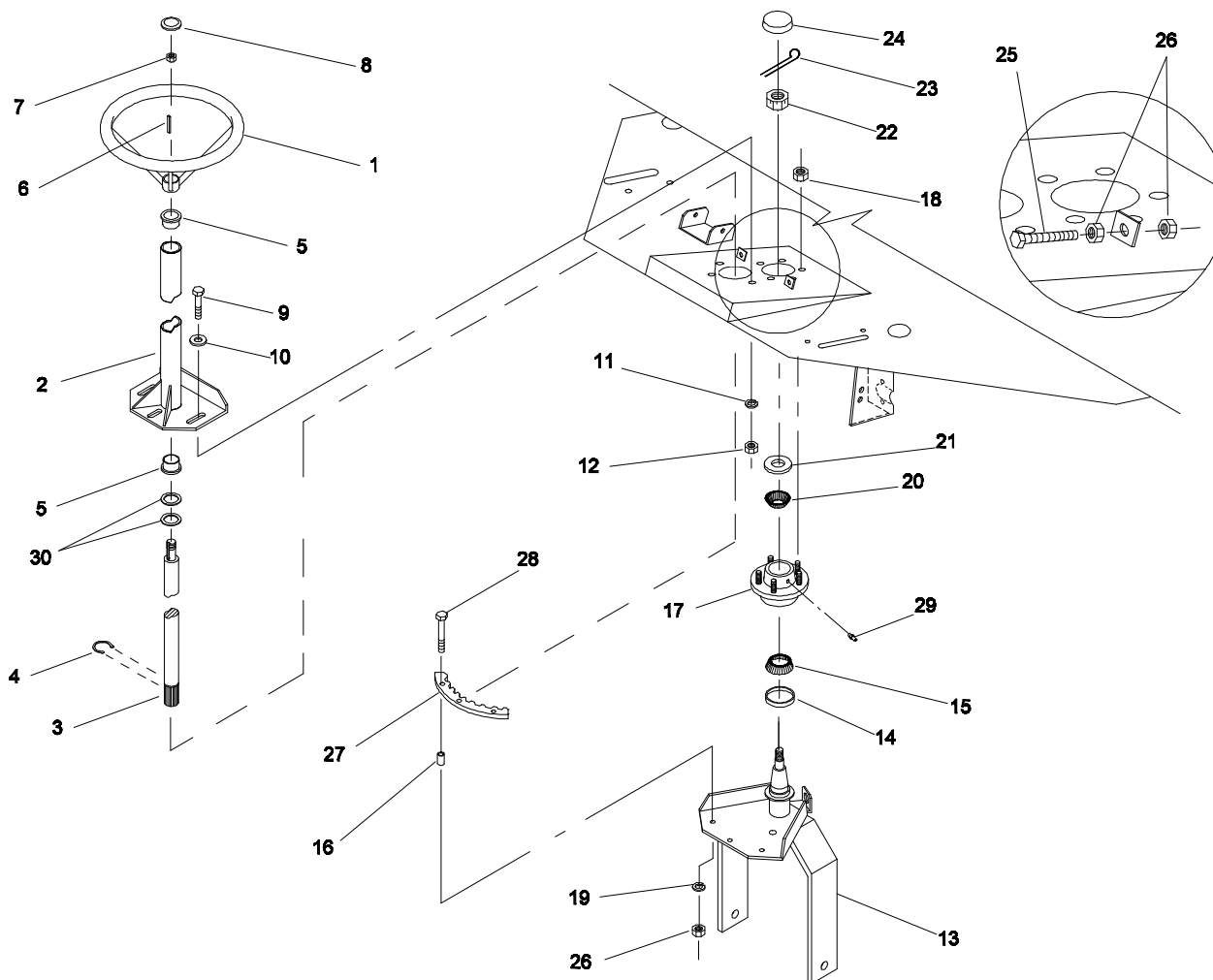


BELT GUARD & HOSE BRACKETS

48J-015

Ref. No.	Part No.	Description	No. Used
1	48-005-0322	Belt Guard	1
2	01-650-0420	All Thread	2
3	48-004-1861	Hose Hold Down Bracket	2
4	01-650-0280	All Thread	1

Ref. No.	Part No.	Description	No. Used
5	3217-8	Hex Nut	11
6	3256-5	Flat Washer	8
7	3218-4	Jam Nut	2
8	3253-6	Lock Washer	1



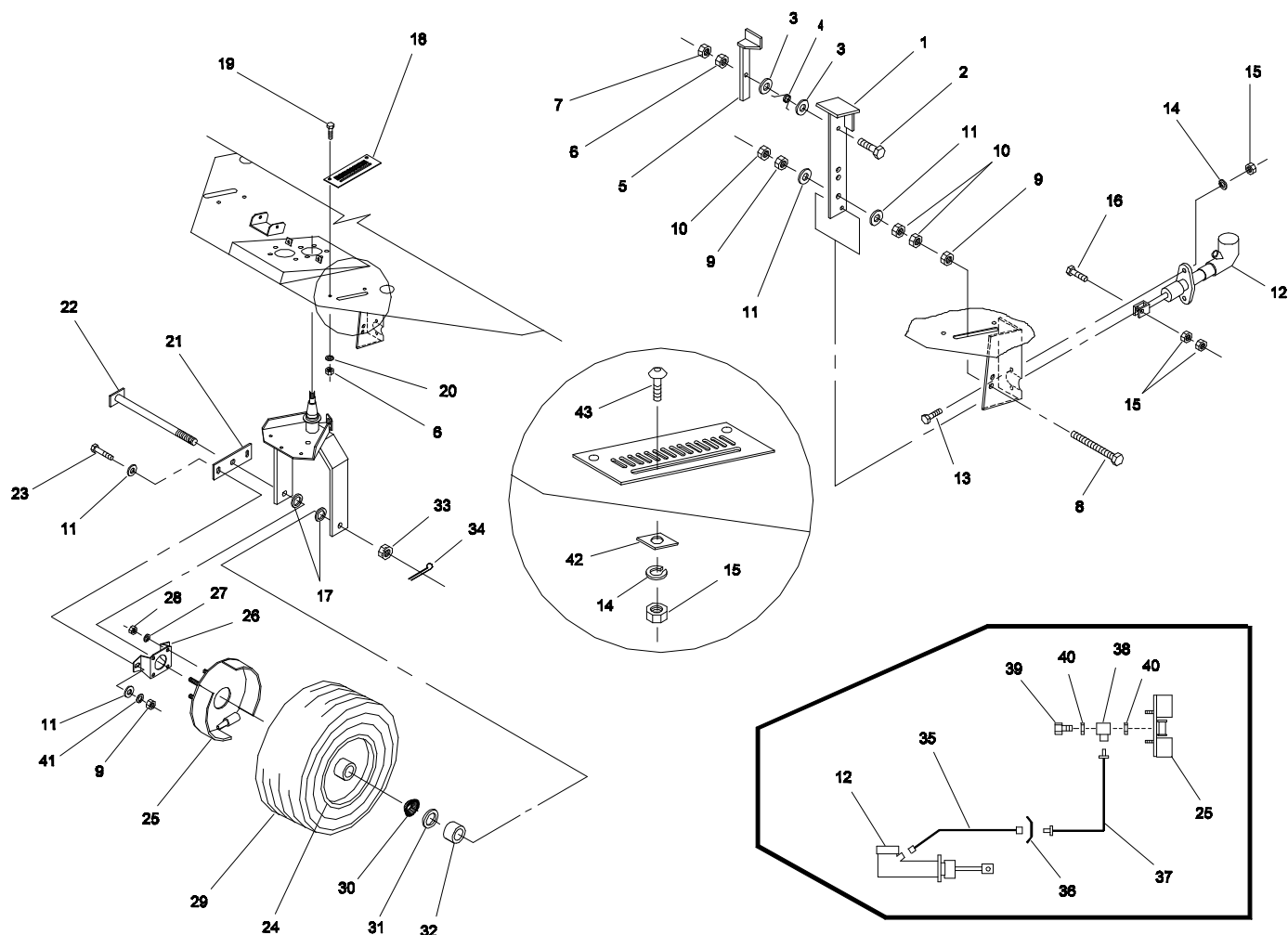
STEERING ASSEMBLY

48J-016

Ref. No.	Part No.	Description	No. Used
1	01-286-0130	Steering Wheel	1
2	54-005-1521	Steering Column Assembly	1
*	54-002-0011	Steering Column Assembly w/bushing (Incl. Ref. # 2,5)	1
3	54-004-1501	Steering Shaft	1
4	01-160-0410	Retaining Ring	1
5	01-126-0110	Bushing, Oilite	2
6	48-004-1961	Key	1
7	3220-7	Jam Nut	1
8	01-286-0030	Cover Plate	1
9	325-6	Capscrew - Hex Hd.	3
10	3256-6	Flat Washer	3
11	3253-7	Lock Washer	3
12	3217-9	Hex Nut	3
13	54-005-0242	Steering Yoke Assembly	1
14	01-405-0370	Seal	1
15	01-102-0050	Bearing	1

Ref. No.	Part No.	Description	No. Used
16	48-004-4651	Sector Spacer	3
17	01-269-0140	Steering Hub , complete (Incl. Ref. #14,15,18,20,24)	1
18	01-269-0300	Lug Nut	5
19	3253-5	Lock Washer	3
20	01-102-0070	Bearing	1
21	3256-28	"SAE" Flat Washer	1
22	01-190-1216	Castle Nut	1
23	3272-15	Cotter Pin	1
24	01-286-0040	Grease Cap	1
25	01-182-0620	Capscrew - Hex Hd.	2
26	3217-7	Hex Nut	7
27	48-004-1282	Steering Yoke Gear	1
28	323-11	Capscrew - Hex Hd.	3
29	01-215-0050	Grease Fitting	1
30	01-168-2010	Machinery Bushing	2

* Not Illustrated



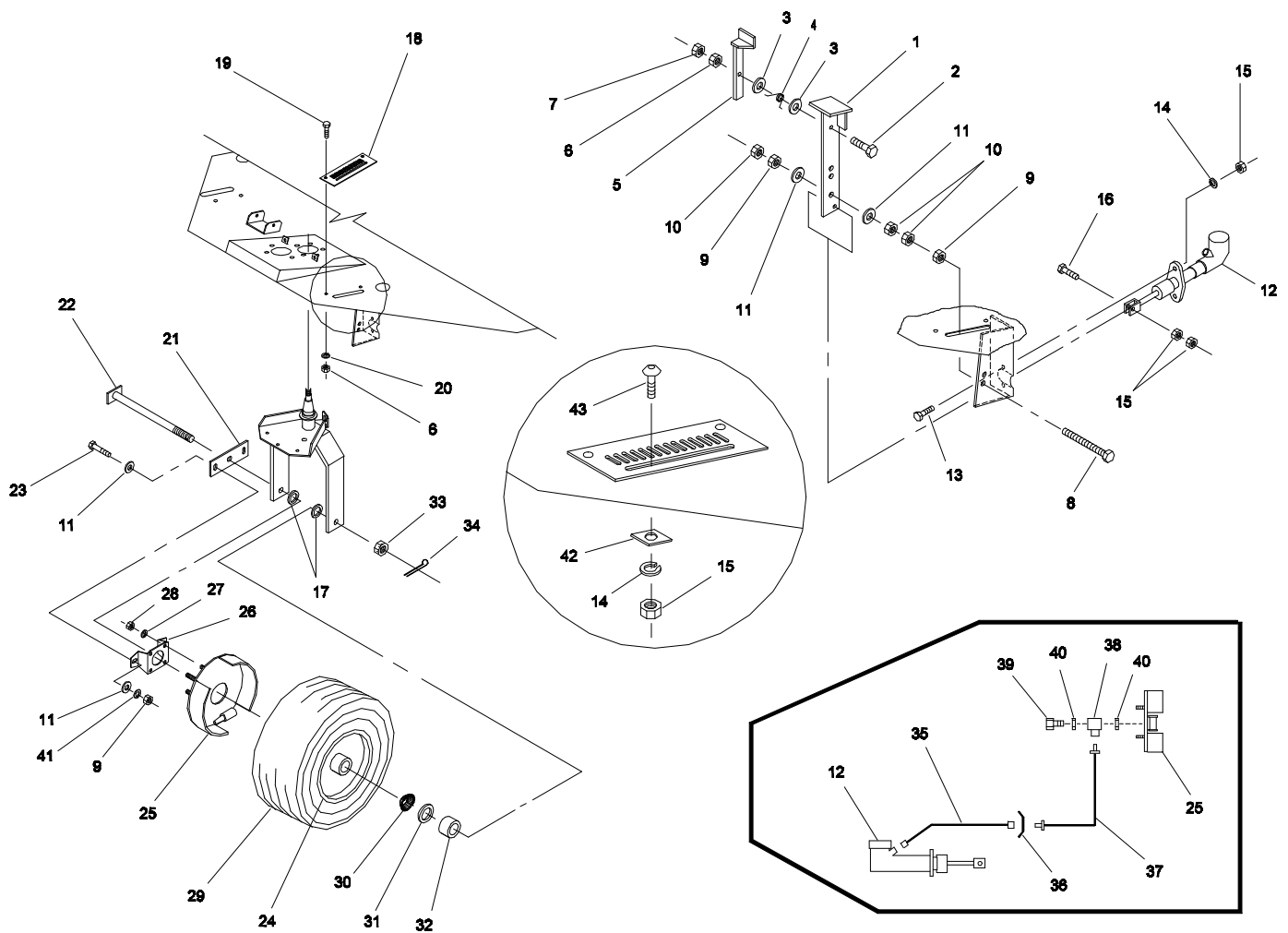
BRAKE SYSTEM

48J-017

Ref. No.	Part No.	Description	No. Used
1	48-005-0671	Brake Pedal	1
2	323-9	Capscrew - Hex Hd.	1
3	3256-4	Flat Washer	2
4	01-261-0050	Spring	1
5	48-005-0781	Brake Stop Weldment	1
6	3217-7	Hex Nut	3
7	3218-3	Jam Nut	1
8	01-182-0824	Capscrew - Hex Hd.	1
9	3217-9	Hex Nut	4
10	3218-5	Jam Nut	3
11	3256-6	Flat Washer	6
12	01-314-0290	Hydraulic Brake Cylinder	1
13	322-6	Capscrew - Hex Hd.	2
14	3253-4	Lock Washer	3
15	3217-6	Hex Nut	5
16	322-5	Capscrew - Hex Hd.	1
17	01-168-1210	Machinery Bushing	2
18	48-004-6241	Brake Stop Plate	1
19	323-6	Capscrew - Hex Hd.	2
20	3253-5	Lock Washer	2
21	54-005-0261	Brake Mount	1
22	54-005-0251	Axle	1

Ref. No.	Part No.	Description	No. Used
23	325-6	Capscrew - Hex Hd.	2
24	54-005-0282	Front Wheel	1
25	01-314-0300	Hydraulic Brake Assembly	1
*	01-266-0080	Wheel Cylinder Assembly	1
*	01-314-0500	Wheel Cylinder Repair Kit	1
*	01-314-0540	Capscrew - Socket Hd.	2
*	01-314-0430	Brake Shoe	2
*	01-314-0470	Brake Shoe Lever	2
*	01-314-0480	Brake Shoe Spring	2
*	01-314-0460	Anchor Pin	2
*	01-160-0380	Retaining Ring	2
*	01-314-0490	Adjusting Screw Assembly	2
*	01-314-0550	Shoulder Bolt	4
26	54-004-1241	Brake Shoe Bracket	1
27	3253-6	Lock Washer	4
28	3217-8	Hex Nut	4
29	01-269-0320	Front Tire	1
30	254-78	Bearing	2
31	01-405-0460	Seal	2
32	01-269-0060	Axle Spacer	2
33	01-190-1210	Castle Nut	1
34	3272-23	Cotter Pin	1

* Not Illustrated

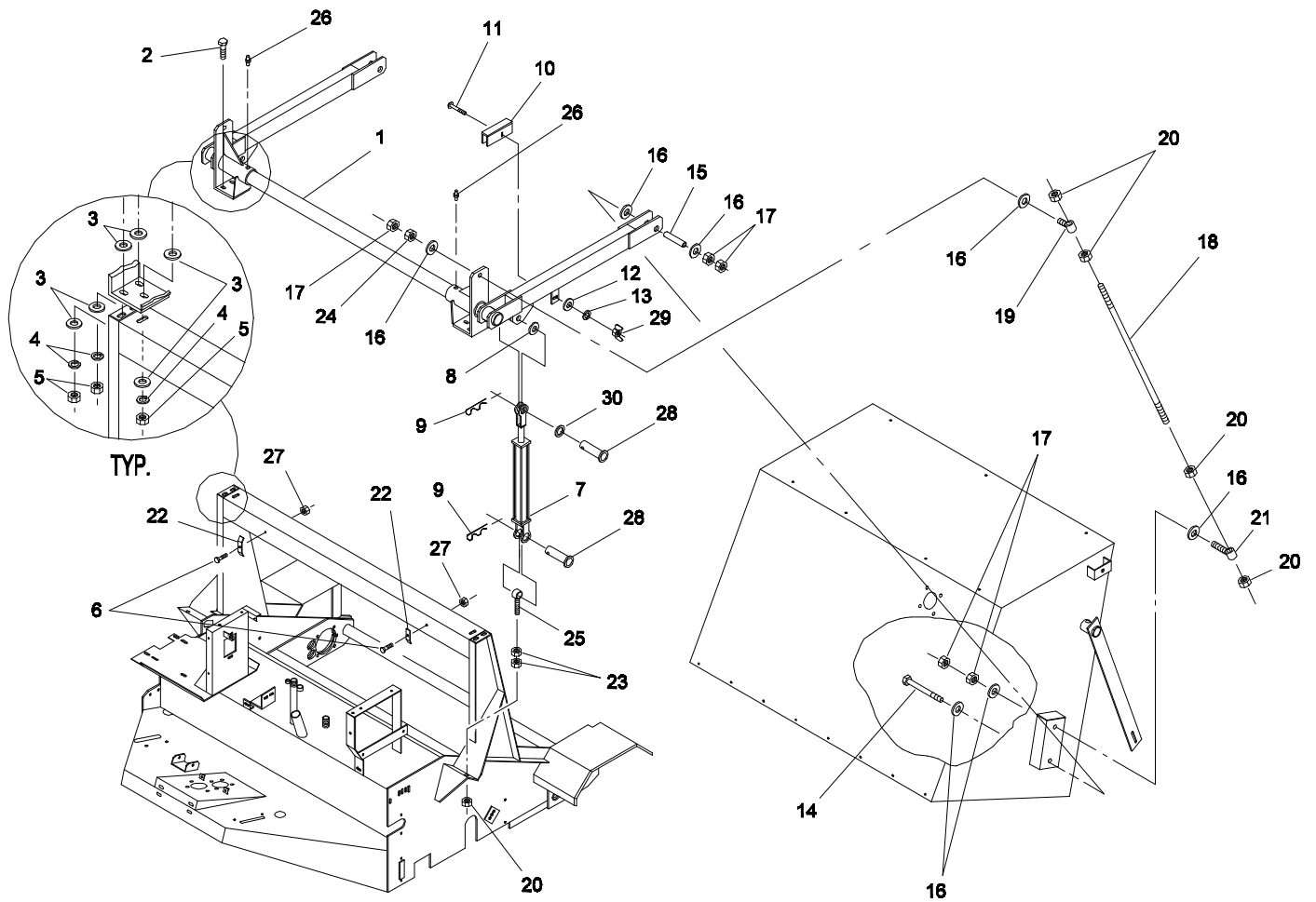


BRAKE SYSTEM (Continued)

48J-017

Ref. No.	Part No.	Description	No. Used
35	01-314-0020	Hydraulic Brake Hose	1
36	01-314-0070	Brake Line Clip	1
37	01-314-0330	Hydraulic Brake Line	1
38	01-314-0360	Connector	1
39	01-314-0340	Bolt	1

Ref. No.	Part No.	Description	No. Used
40	01-314-0350	Gasket	2
41	3253-7	Lock Washer	2
42	48-004-6631	Break Pedal Stop	1
43	3230-2	Carriage Bolt	1



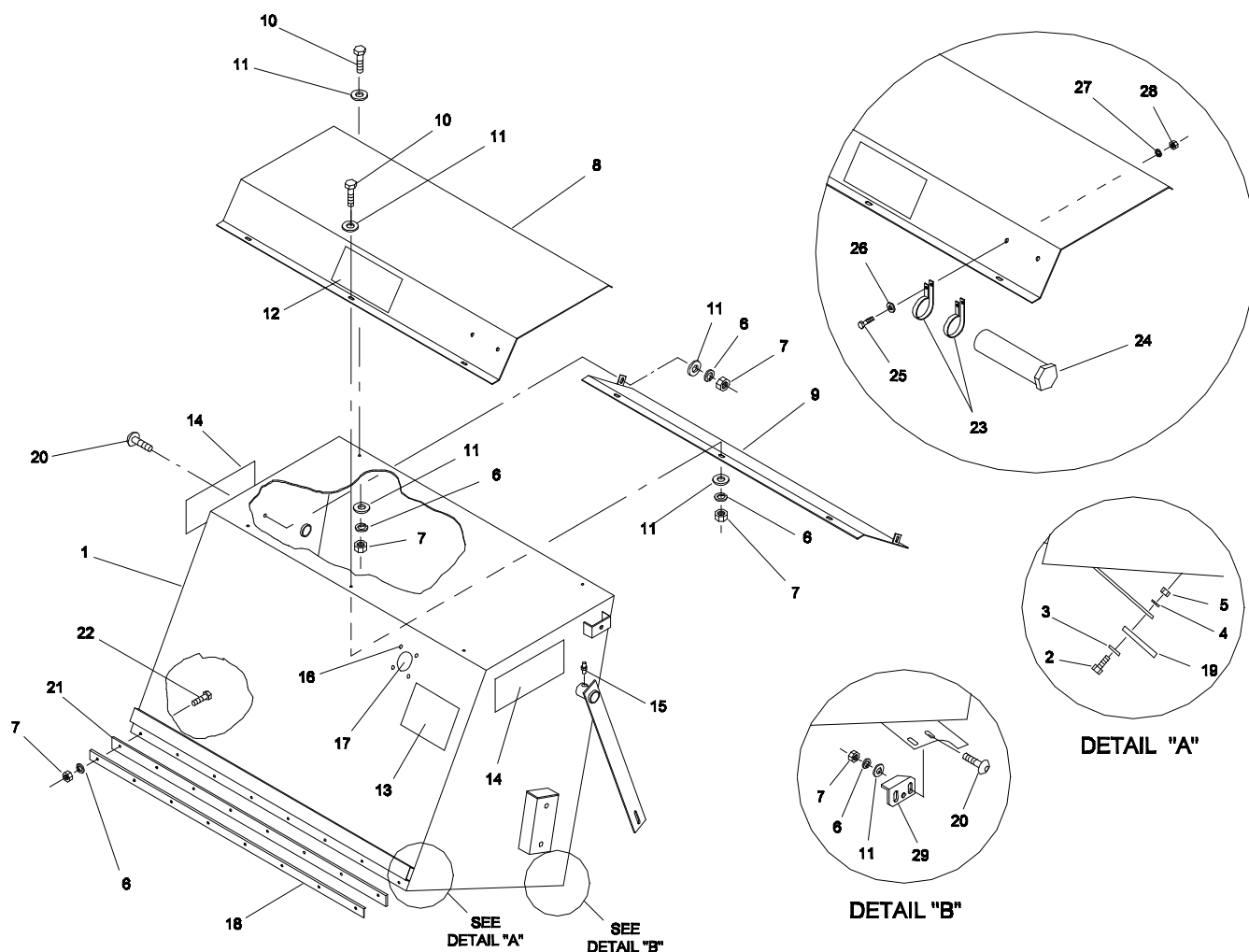
HOPPER LIFT ARM ASSEMBLY

48J-018

Ref. No.	Part No.	Description	No. Used
1	48-005-0352	Main Lift Arm	1
2	325-6	Capscrew - Hex Hd.	6
3	3256-26	"SAE" Flat Washer	12
4	3253-7	Lock Washer	6
5	3217-9	Hex Nut	6
6	323-9	Capscrew - Hex Hd.	8
7	01-301-0540	Cylinder (Incl. Ref. #28)	1
*	01-301-0570	Seal Kit	1
8	01-168-1610	Machinery Bushing	1
9	01-159-0010	Presto Pin	4
10	48-005-0561	Cylinder Safety Stop	1
11	3231-10	Carriage Bolt	1
12	3256-4	Flat Washer	1
13	3253-5	Lock Washer	7
14	328-23	Capscrew - Hex Hd.	2
15	48-004-3441	Spacer	2

Ref. No.	Part No.	Description	No. Used
16	01-166-1200	Flat Washer	12
17	3218-7	Jam Nut	10
18	48-004-3052	Upper Arm	2
19	48-005-0381	Upper Pivot Arm Bracket	2
20	3219-9	Hex Nut	9
21	48-005-0371	Lower Pivot Assembly	2
22	48-004-4831	Hose Bracket	2
23	01-191-1614	Jam Nut	2
24	3217-12	Hex Nut	2
25	48-005-0571	Cylinder Adj. Pivot	1
26	01-215-0050	Grease Fitting	4
27	3296-39	Lock Nut	2
28	01-252-0150	Clevis Pin	2
29	32103-3	Wing Nut	1
30	01-168-1614	Machinery Bushing	1(var)

* Not Illustrated



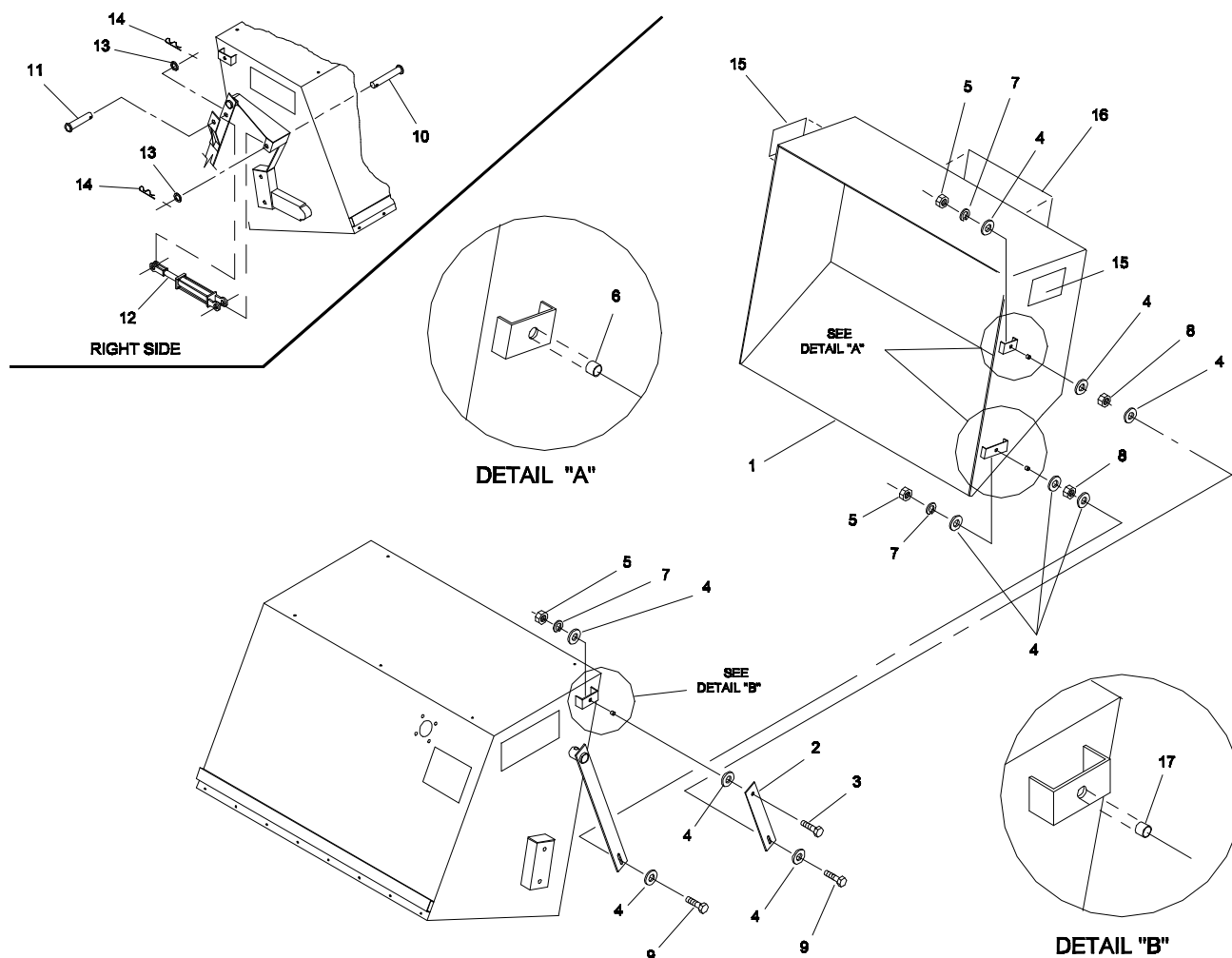
HOPPER ASSEMBLY

48J-019

Ref. No.	Part No.	Description	No. Used
1	48-005-0513	Hopper	1
2	322-3	Capscrew - Hex Hd.	8
3	3256-3	Flat Washer	8
4	3253-4	Lock Washer	8
5	3217-6	Hex Nut	8
6	3253-5	Lock Washer	19
7	3217-7	Hex Nut	19
8	48-005-0292	Dust Shield Assembly	1
9	48-004-6282	Wet Leaf Deflector	1
10	01-184-0610	Machine Screw - Rd. Hd.	5
11	3256-4	Flat Washer	16
12	01-506-0510	Decal - Toro	1
13	01-506-0070	Decal - Danger	1
14	01-506-0720	Decal - Turf Sweeper 4800HL	2
15	01-215-0050	Grease Fitting	2

Ref. No.	Part No.	Description	No. Used
16	01-161-0030	Pop Rivet	4
17	48-004-4641	Peep Hole Cover	1
18	48-004-6161	Rubber Flap Mount	1
19	48-004-5451	Hopper Floor Seal	1
20	3231-2	Carriage Bolt	6
21	48-004-6191	Hopper Flap	1
22	323-7	Capscrew - Hex Hd.	8
23	2412-133	R-Clamp	2
24	74-0720	Manual Tube	1
25	321-4	Capscrew - Hex Hd.	2
26	3256-2	Flat Washer	2
27	3253-3	Lock Washer	2
28	3217-5	Hex Nut	2
29	48-004-4461	Hopper Pivot Adj. Bracket-RH	1
*	48-004-6591	Hopper Pivot Adj. Bracket-LH	1

* Not Illustrated



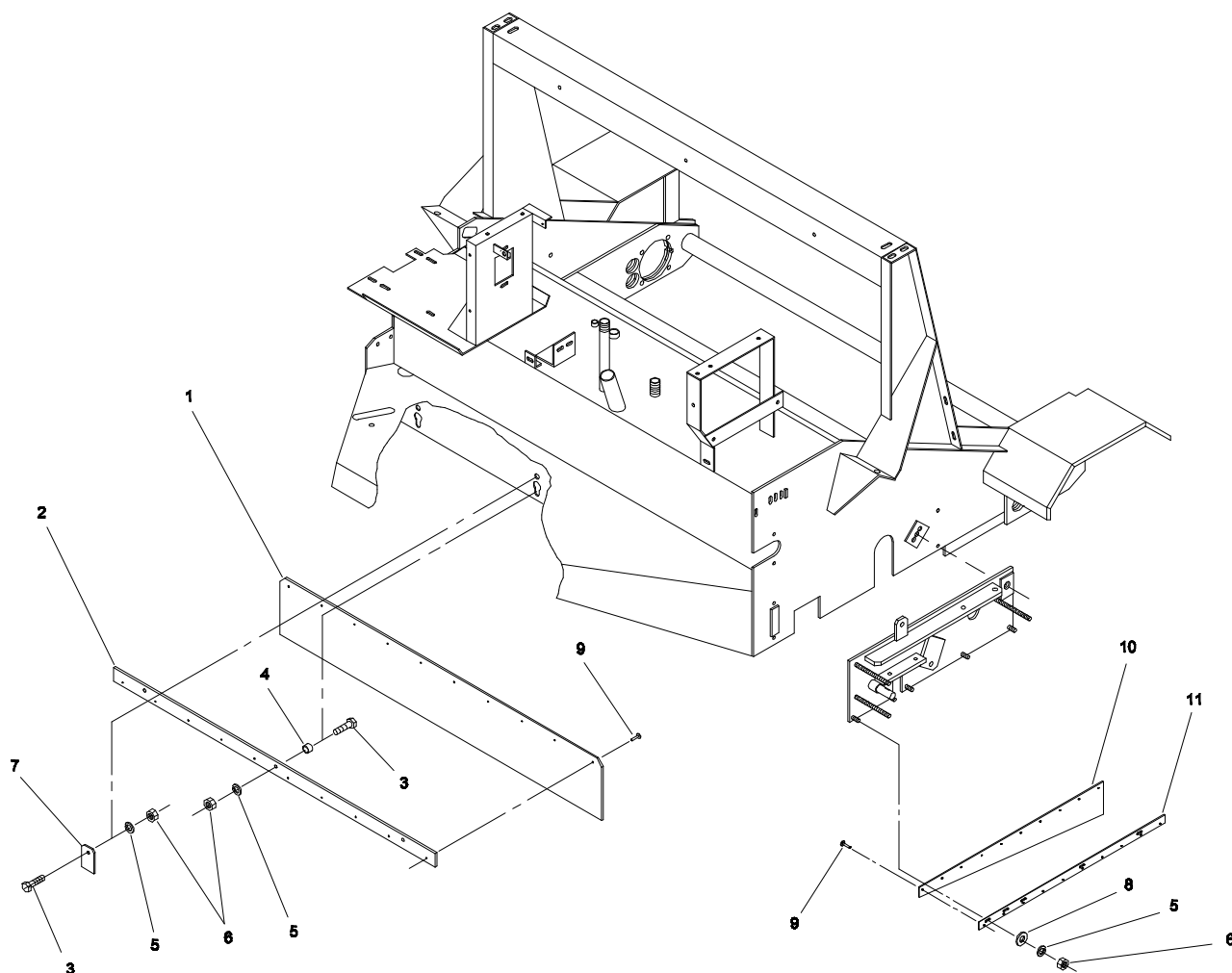
HOPPER DOOR ASSEMBLY

48J-002

Ref. No.	Part No.	Description	No. Used
1	48-005-0602	High Lift Hopper Door	1
2	48-004-3001	Door Linkage-Upper	2
3	325-7	Capscrew - Hex Hd.	2
4	3256-6	Flat Washer	20
5	3217-9	Hex Nut	6
6	48-004-6101	Hopper Box Spacer	4
7	3253-7	Lock Washer	6
8	3218-5	Jam Nut	4
9	325-8	Capscrew - Hex Hd.	4

Ref. No.	Part No.	Description	No. Used
10	48-005-0341	Hopper Door Cyl. Pin-lower	1
11	48-005-0331	Hopper Door Cyl. Pin-upper	1
12	01-301-0550	Door Lift Cylinder	1
*	01-301-0570	Seal Kit	1
13	3256-42	Flat Washer	2
14	01-159-0010	Presto Pin	2
15	01-506-0060	Decal - Danger	2
16	01-506-0530	Decal - Toro	1
17	48-004-6311	Hopper Box Spacer	2

* Not Illustrated



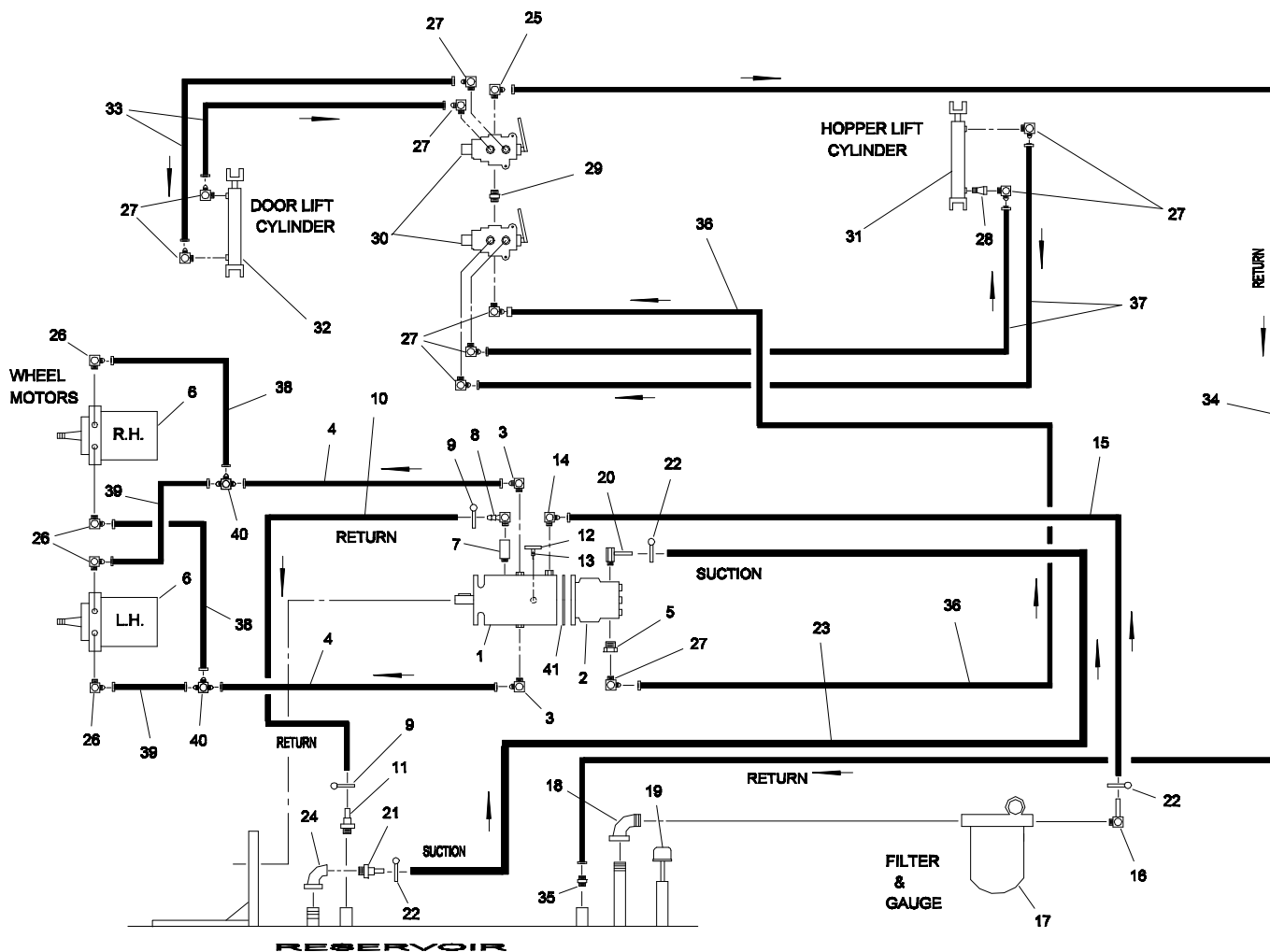
FRONT & SIDE FLAPS

48J-022

Ref. No.	Part No.	Description	No. Used
1	48-004-5241	Front Rubber Flap	1
2	48-004-5231	Front Flap Mount	1
3	323-6	Capscrew - Hex Hd.	6
4	48-004-5511	Front Flap Spacer	3
5	3253-5	Lock Washer	16
6	3217-7	Hex Nut	16
7	48-004-6091	Rubber Flap Stopper	3

Ref. No.	Part No.	Description	No. Used
8	3256-4	Flat Washer	10
9	01-161-0020	Pop Rivet	30
10	48-004-5871	Side Flap - L.H.	1
*	48-004-5201	Side Flap - R.H.	1
11	48-004-5211	L.H. Rubber Flap Mount	1
*	48-004-5221	R.H. Rubber Flap Mount	1

* Not Illustrated



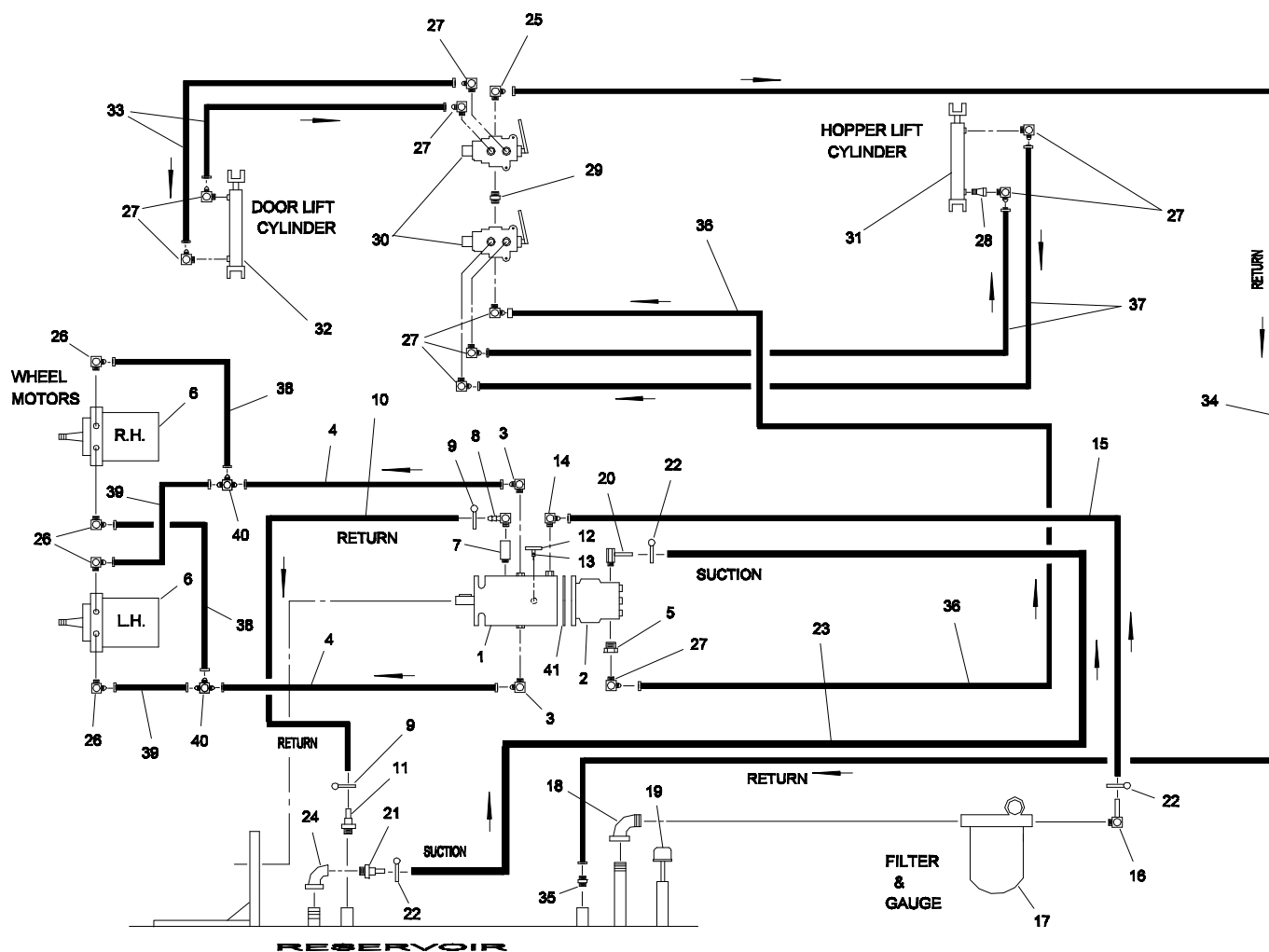
4800HL - HYDRAULIC SCHEMATIC

48J-021

Ref. No.	Part No.	Description	No. Used
1	01-305-0090	Cessna Pump	1
*	92-4650	Seal Kit	1
2	01-305-0020	Sundstrand Pump	1
*	01-305-0600	Seal Kit	1
3	01-201-0440	Fitting	2
4	01-312-1260	Hose Assembly	2
5	01-201-0020	Fitting	1
6	01-304-0410	Hyd. Motor	2
*	01-304-0260	Seal Kit	1
7	01-201-0490	Fitting	1
8	01-217-0050	Hose Barb	1
9	01-202-0030	Hose Clamp	2
10	48-004-4921	Hose Assembly	1
11	01-217-0060	Hose Barb	1
12	48-005-0641	Tow Valve Handle	1
13	01-163-0100	Set Screw	1
14	01-201-1880	Fitting	1
15	01-312-1710	Hose Assembly	1
16	01-201-1890	Fitting	1
17	01-316-0020	Filter Assembly	1
*	01-315-0010	Filter Head	1
*	01-317-0240	Filter Element	1
*	01-303-0010	Filter Gauge	1

Ref. No.	Part No.	Description	No. Used
18	01-455-0020	Fitting	1
19	48-002-0101	Breather Cap w/dipstick	1
20	01-201-1080	Fitting	1
21	01-201-0750	Fitting	1
22	01-202-0050	Hose Clamp	3
23	48-004-4931	Hose Assembly	1
24	01-455-0080	Fitting	1
25	01-201-0530	Fitting	1
26	01-201-1580	Fitting	4
27	01-201-0190	Fitting	10
28	01-310-0040	Fitting	1
29	01-201-0160	Fitting	1
30	01-308-0050	Valve	2
*	01-308-0130	Seal Kit	1
31	01-301-0540	Cylinder	1
*	01-301-0570	Seal Kit	1
32	01-301-0550	Cylinder	1
*	01-301-0570	Seal Kit	1
33	01-312-0190	Hose Assembly	2
34	01-312-0840	Hose Assembly	1
35	01-201-0810	Fitting	1

* Not Illustrated

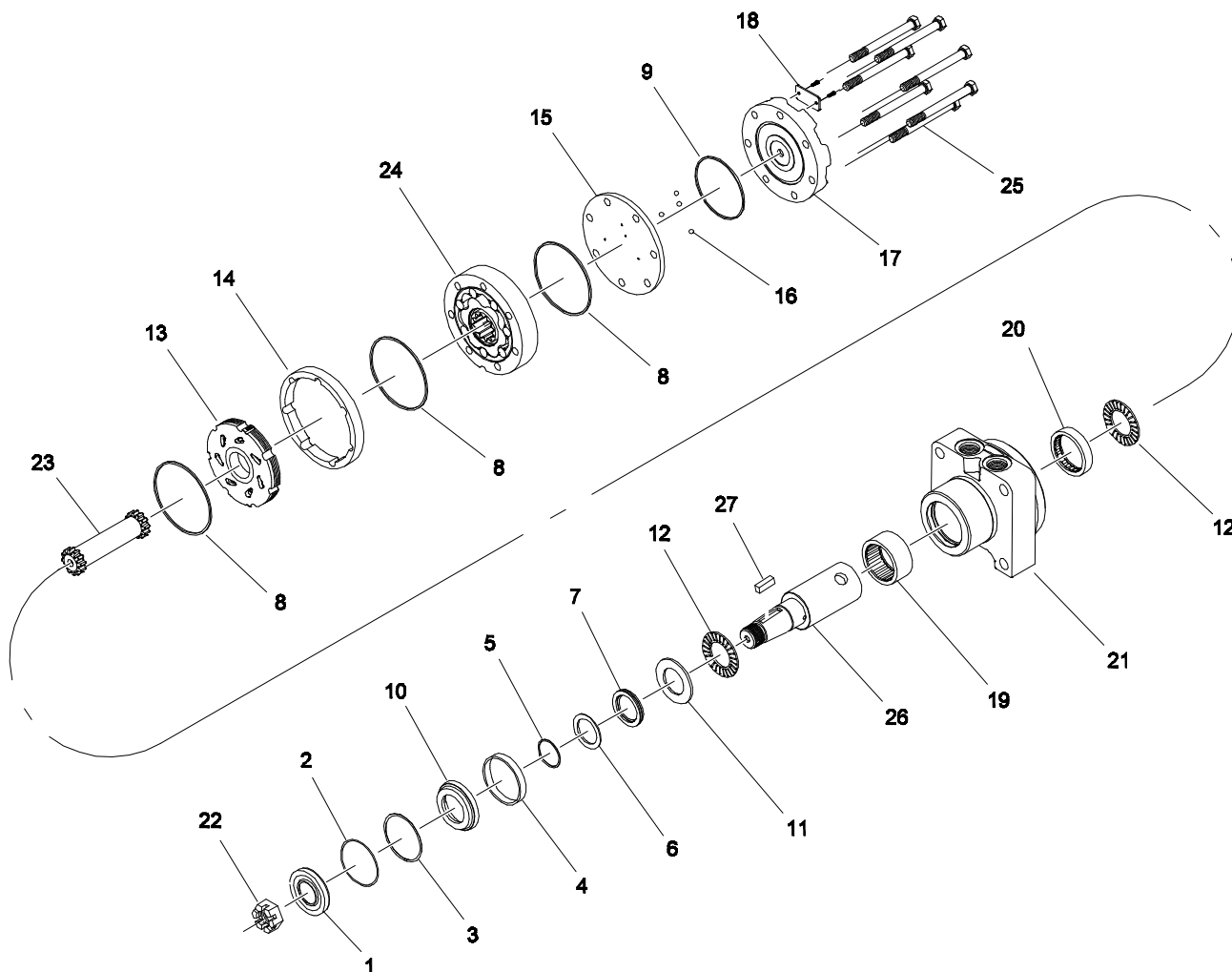


4800HL - HYDRAULIC SCHEMATIC (Continued)

48J-021

Ref. No.	Part No.	Description	No. Used
36	01-312-0200	Hose Assembly	1
37	01-312-0280	Hose Assembly	2
38	01-312-1430	Hose Assembly	2

Ref. No.	Part No.	Description	No. Used
39	01-312-1420	Hose Assembly	2
40	01-201-1530	Fitting	2
41	01-402-0230	O-Ring	1



HYDRAULIC MOTOR - NO. 01-304-0410

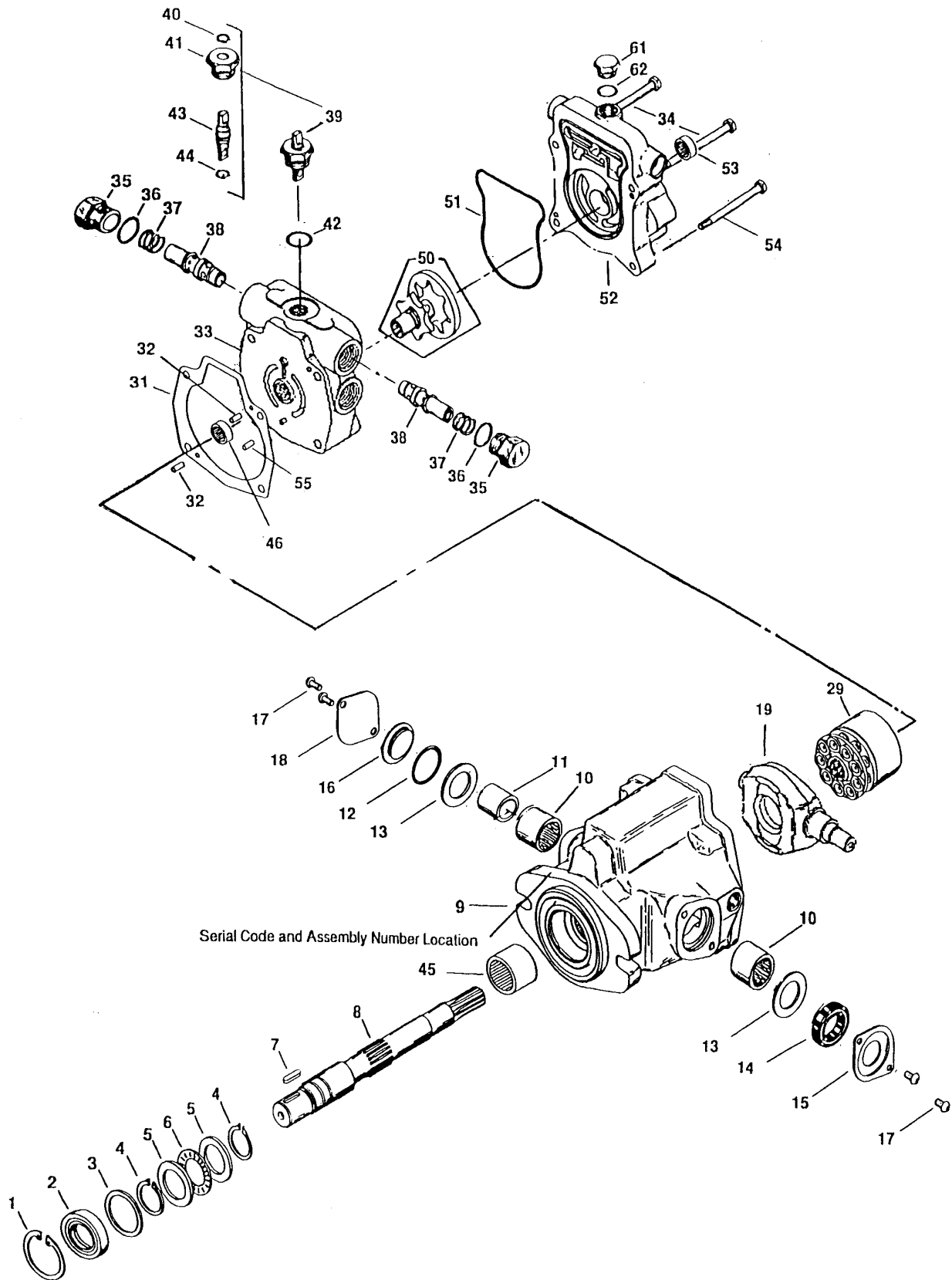
HYDM0410

Ref. No.	Part No.	Description	No. Used
1		Dust Seal	1
2		Snap Ring	1
3		Backup Shim	1
4		Lathe Cut Seal	1
5		Backup Shim	1
6		Teflon Backup	1
7		Shaft Seal	1
8		Body Seal	3
9		Endcover Seal	1
10		Seal Carrier	1
11		Thrust Washer	1
*	01-304-0260	Seal Kit (Incl. #1 - 11)	1
12	01-304-0660	Thrust Bearing	2
13	01-304-1560	Manifold (CCW)	1
14	01-304-1550	Manifold Boot	1

Ref. No.	Part No.	Description	No. Used
15		Balance Plate	1
16		Ball (3/16" steel)	4
*	01-304-1570	Balance Plate Kit (Incl. #15,16)	1
17	01-304-1580	Endcover	1
18		I. D. Tag Assembly	1
19		Roller Bearing	1
20		Roller Bearing	1
21		Housing	1
*	01-304-0840	Housing Kit (Incl. #19 - 21)	1
22	01-190-1620	Castle Nut	1
23	01-304-0850	Drive Link	1
24	01-304-0860	Rotor Set	1
25	01-304-0870	Bolt Set (7)	1
26	01-304-0490	Shaft	1
27	01-304-0880	Shaft Key	1

* Not Illustrated

CESSNA PUMP - NO. 01-305-0090

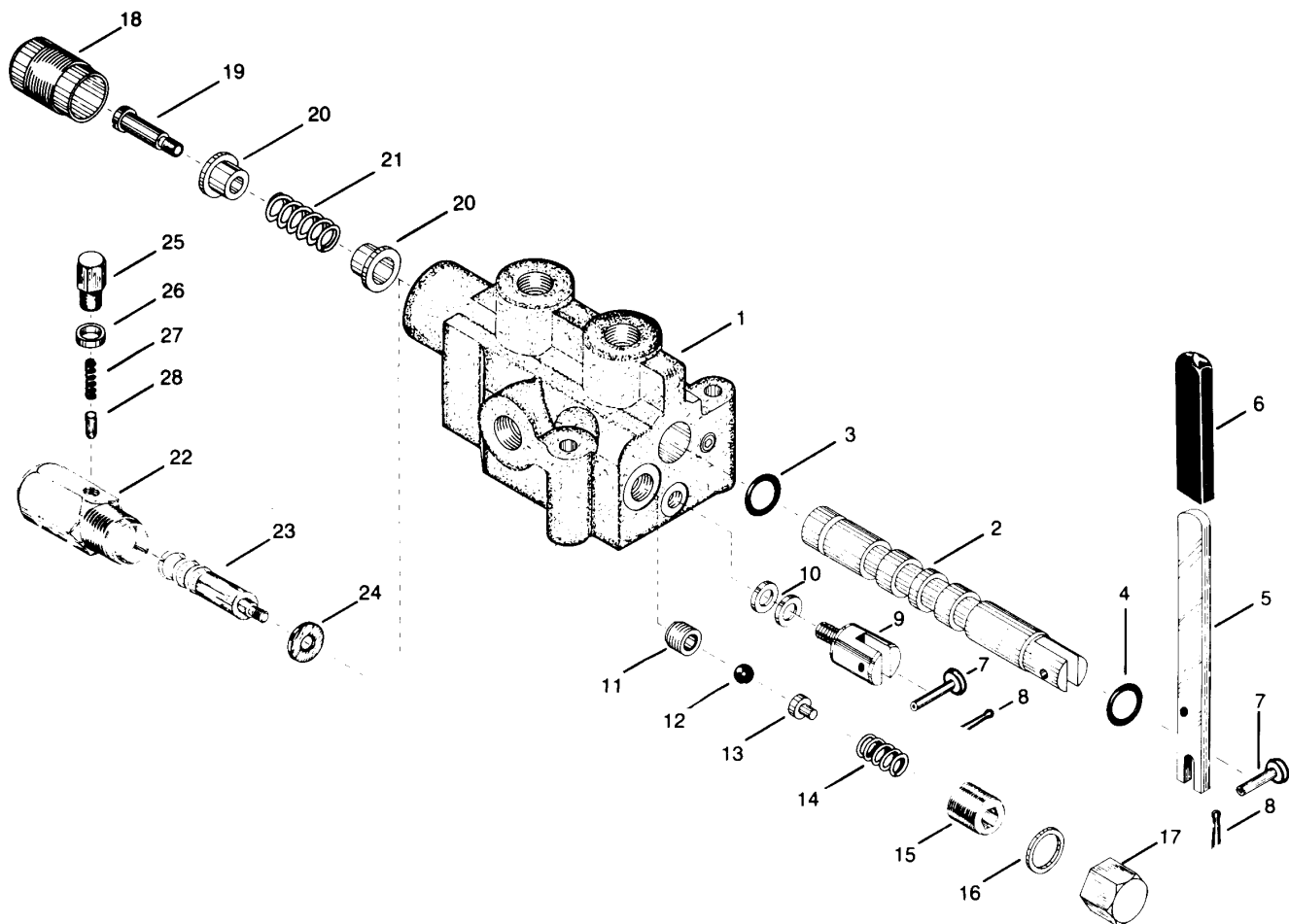


CESSNA PUMP - NO. 01-305-0090

Ref. No.	Part No.	Description	No. Used
1		Retaining Ring	1
2	01-405-0400	Shaft Seal - Drive	1
3	92-4626	Washer	1
4		Retaining Ring	2
5	92-4629	Bearing Race	2
6	01-105-0490	Thrust Bearing	1
7	92-4641	Key - Drive Shaft	1
8	01-305-0120	Drive Shaft	1
9	92-4623	Housing Assembly	1
10	01-105-0460	Needle Bearing	2
11	01-105-0500	Inner Race	1
12		O-Ring	1
13	92-4631	Washer	2
14		Shaft Seal - Trunnion	1
15	92-4636	Seal Cover	1
16	92-4638	Cover - O-Ring	1
17	92-4633	Screw - Pan Head	4
18	92-4637	Trunnion Cover	1
19	92-4625	Camplate	1
20			
21			
22			
23			
24			
25			
26			
27			
28			
29	92-4624	Rotating Kit Assembly	1
30			
31	01-401-0010	Housing Gasket	1
32	01-153-0200	Dowel Pin	2
33	92-4622	Back Plate Assembly	1
34	92-4640	Capscrew	2
35	92-4634	Plug Assembly	2

Ref. No.	Part No.	Description	No. Used
36		O-Ring	2
37	01-305-1520	Spring	2
38	01-305-1530	Relief Valve	2
39	01-308-0180	Dump Valve Assembly	1
40		Retaining Ring	1
41		Separator Plug	1
42		O-Ring	1
43	01-318-0090	Separator	1
44		O-Ring	1
45	01-105-0320	Bearing	1
46	01-105-0470	Bearing	1
47			
48			
49			
50	01-254-0060	Gerator & Coupler Assembly	1
51		Molded O-Ring	1
52	92-4646	Charge Pump Adaptor	1
53	01-105-0480	Bearing	1
54	92-4639	Capscrew	2
55	92-4649	Roll Pin	1
56			
57			
58			
59			
60			
61	92-4643	Plug Assembly	1
62		O-Ring	1
*	01-305-1500	Relief Valve Ass'y (Incl. Ref. #35,37,38)	2
*	92-4650	Seal Kit (Incl. Ref. #1,2,4,12,14,31, 36,40,42,44,51,62)	1

* Not Illustrated



HYDRAULIC VALVE - NO. 01-308-0050

VLE-0050

Ref. No.	Part No.	Description	No. Used
1		Casting, Body	1
2		Spool, 4-way	1
3		O-Ring, Spool	1
4		O-Ring, Casting	1
5	01-308-0190	Lever	1
6		Knob	1
7	01-308-1750	Pin	2
8		Cotter Pin	2
9		Pivot Clevis	1
10		Washer	2
11		Seal	1
12		Ball	1
13		Socket, Ball	1
14		Spring	1
15		Screw, Adjustment	1
16	01-169-0070	Washer	1
17		Cap, Relief	1

Ref. No.	Part No.	Description	No. Used
18		Cap	1
19		Bolt, Shoulder	1
20		Stop, Spool	2
21		Spring	1
*	01-308-0140	Spring Centered Assembly Kit (Incl. Ref. # 18-21)	1
22		Cap, Detent	1
23		Bolt, Detent	1
24		Stop, Spool	1
25		Cap, Point	1
26		Washer	1
27		Spring	1
28		Point	1
*	01-308-0150	Detent Kit (Incl. Ref. # 22-28)	1
*	01-308-0130	Valve Repair Kit	1

* Not Illustrated

PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
01-102-0050	Bearing	14	15	1	01-201-0750	Fitting	21	21	1
01-102-0070	Bearing	14	20	1	01-201-0810	Fitting	21	35	1
01-105-0320	Bearing	25	45	1	01-201-1080	Fitting	21	20	1
01-105-0460	Needle Bearing	25	10	2	01-201-1530	Fitting	22	40	2
01-105-0470	Bearing	25	46	1	01-201-1580	Fitting	21	26	4
01-105-0480	Bearing	25	53	1	01-201-1880	Fitting	21	14	1
01-105-0490	Thrust Bearing	25	6	1	01-201-1890	Fitting	21	16	1
01-105-0500	Inner Race	25	11	1	01-202-0030	Hose Clamp	21	9	2
01-105-0520	Needle Bearing	6	26	2	01-202-0030	Hose Clamp	4	5	2
01-105-0520	Needle Bearing	7	16	2	01-202-0050	Hose Clamp	21	22	3
01-113-0010	Bearing	10	9	1	01-215-0050	Grease Fitting	14	29	1
01-113-0010	Bearing	6	15	1	01-215-0050	Grease Fitting	16	26	4
01-113-0020	Bearing	10	4	1	01-215-0050	Grease Fitting	17	15	2
01-113-0020	Bearing	6	5	1	01-217-0050	Hose Barb	21	8	1
01-126-0110	Bushing, Oilite	14	5	2	01-217-0060	Hose Barb	21	11	1
01-151-0170	Cotter Pin	1	21	2	01-217-0060	Hose Barb	4	4	1
01-153-0200	Dowel Pin	25	32	2	01-250-0020	Rod End Bearing	5	7	1
01-158-0150	Capscrew - Socket Hd.	3	23	8	01-250-0020	Rod End Bearing	7	8	1
01-158-0270	Shoulder Bolt	5	2	2	01-251-0020	Offset Link	6	*	1
01-158-2040	Lug Bolt	1	24	10	01-252-0150	Clevis Pin	16	28	2
01-159-0010	Presto Pin	17	9	4	01-254-0060	Gerator & Coupler Assembly	25	50	1
01-159-0010	Presto Pin	19	14	2	01-260-0010	Sheave	10	14	1
01-160-0370	Snap Ring	14	4	1	01-260-0110	Sheave	10	17	1
01-160-0380	Retaining Ring	15	*	2	01-260-0290	Bushing	10	15	1
01-161-0020	Pop Rivet	20	9	30	01-260-0310	Bushing	10	18	1
01-161-0030	Pop Rivet	18	16	4	01-260-0900	"H" Bushing	3	24	1
01-163-0100	Set Screw	21	13	1	01-261-0050	Spring	15	4	1
01-163-0100	Set Screw	3	*	1	01-261-0240	Spring	1	4	4
01-166-1200	Flat Washer	17	16	12	01-261-0240	Spring	8	18	1
01-168-1014	Machinery Bushing	11	2	5	01-261-0300	Spring	11	15	1
01-168-1210	Machinery Bushing	15	17	2	01-261-0300	Spring	7	12	1
01-168-1410	Machinery Bushing	6	23	6	01-261-0330	Spring	5	12	1
01-168-1410	Machinery Bushing	7	13	11	01-261-0340	Spring	9	16	1
01-168-1414	Machinery Bushing	6	24	4	01-261-0930	Spring	5	13	1
01-168-1414	Machinery Bushing	7	14	5	01-262-0520	Sprocket	6	11	1
01-168-1610	Machinery Bushing	17	8	6	01-262-0530	Sprocket	6	22	1
01-168-1610	Machinery Bushing	6	20	3	01-262-0610	Sprocket	6	25	1
01-168-1614	Machinery Bushing	17	30	2	01-262-0610	Sprocket	7	15	1
01-168-1614	Machinery Bushing	6	21	6	01-264-0010	Belt	10	20	1
01-168-2010	Machinery Bushing	6	13	2	01-265-0180	Flex Coupling	3	21	1
01-168-2010	Machinery Bushing	14	30	2	01-266-0080	Wheel Cylinder Assembly	15	*	1
01-168-2014	Machinery Bushing	6	10	3	01-268-0010	Pulley	11	7	1
01-169-0010	Lock Washer	3	22	8	01-269-0060	Axle Spacer	15	32	2
01-169-0070	Washer	26	16	1	01-269-0140	Steering Hub	14	17	1
01-182-0616	Capscrew - Hex Hd.	1	7	4	01-269-0300	Lug Nut	14	18	5
01-182-0620	Capscrew - Hex Hd.	14	25	2	01-269-0320	Front Tire	15	29	1
01-182-0824	Capscrew - Hex Hd.	15	8	1	01-269-0330	Tire	1	23	2
01-182-0832	Capscrew - Hex Hd.	11	16	1	01-269-1020	Wheel	1	22	2
01-184-0610	Machine Screw - Rd. Hd.	18	10	5	01-269-2540	Wheel Hub	1	20	2
01-189-0518	Lock Nut	5	4	2	01-270-6830	Engine	3	1	1
01-189-0813	Lock Nut	8	13	2	01-279-0010	Rubber Fingers	6	3	116
01-189-0813	Lock Nut	9	13	2	01-280-0020	Gas Cap	4	2	1
01-190-1210	Castle Nut	15	33	1	01-280-0190	Tank Withdrawal Assembly	4	3	1
01-190-1216	Castle Nut	14	22	1	01-286-0030	Cover Plate	14	8	1
01-190-1620	Castle Nut	2	31	1	01-286-0040	Grease Cap	14	24	1
01-191-1614	Jam Nut	17	23	2	01-286-0130	Steering Wheel	14	1	1
01-201-0020	Fitting	21	5	1	01-286-0220	Seat	1	6	1
01-201-0160	Fitting	21	29	1	01-288-0020	Hour Meter	1	25	1
01-201-0190	Fitting	21	27	10	01-301-0540	Cylinder	21	31	1
01-201-0440	Fitting	21	3	2	01-301-0540	Cylinder	17	7	1
01-201-0490	Fitting	21	7	1	01-301-0550	Door Lift Cylinder	19	12	1
01-201-0530	Fitting	21	25	1	01-301-0550	Door Lift Cylinder	21	32	1

* Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
01-301-0570	Seal Kit	17	*	1	01-314-0490	Adjusting Screw Assembly	15	*	2
01-301-0570	Seal Kit	19	*	1	01-314-0500	Wheel Cylinder Repair Kit	15	*	1
01-301-0570	Seal Kit	21	*	1	01-314-0540	Capscrew - Socket Hd.	15	*	2
01-304-0260	Seal Kit	21	*	1	01-314-0550	Shoulder Bolt	15	*	4
01-304-0260	Seal Kit	23	*	1	01-315-0010	Filter Head	21	*	1
01-304-0410	Hyd. Motor	21	6	2	01-316-0020	Filter Assembly	21	17	1
01-304-0410	Hydraulic Motor	1	14	2	01-317-0240	Filter Element	21	*	1
01-304-0490	Shaft	23	26	1	01-318-0090	Separator	25	43	1
01-304-0660	Thrust Bearing	23	12	2	01-401-0010	Housing Gasket	25	31	1
01-304-0800	Manifold Boot	23	14	1	01-402-0230	O-Ring	22	41	1
01-304-0810	Manifold (CCW)	23	13	1	01-402-0230	O-Ring	3	4	1
01-304-0820	Balance Plate Kit	23	*	1	01-405-0370	Seal	14	14	1
01-304-0830	Endcover	23	17	1	01-405-0400	Shaft Seal - Drive	25	2	1
01-304-0840	Housing Kit	23	*	1	01-405-0460	Seal	15	31	2
01-304-0850	Drive Link	23	23	1	01-451-0010	Pipe Plug	1	13	1
01-304-0860	Rotor Set	23	24	1	01-455-0020	Fitting	21	18	1
01-304-0870	Bolt Set	23	25	1	01-455-0080	Fitting	21	24	1
01-304-0880	Shaft Key	23	27	1	01-455-0100	Elbow	1	12	1
01-304-0890	Slotted Nut	23	22	1	01-506-0040	Decal - Danger	12	8	1
01-305-0020	Sundstrand Pump	21	2	1	01-506-0050	Decal - Danger	7	21	1
01-305-0020	Sundstrand Pump	3	3	1	01-506-0060	Decal - Danger	19	15	2
01-305-0090	Cessna Pump	21	1	1	01-506-0070	Decal - Danger	18	13	1
01-305-0090	Cessna Pump	3	20	1	01-506-0080	Decal - Danger	4	15	2
01-305-0120	Drive Shaft	25	8	1	01-506-0090	Decal - Danger	2	28	1
01-305-0600	Seal Kit	21	*	1	01-506-0170	Decal - Hopper Door/Lift	2	26	1
01-305-0600	Seal Kit	3	*	1	01-506-0460	Decal - Gas Only	4	13	1
01-305-1500	Relief Valve Ass'y	25	*	2	01-506-0510	Decal - Toro	18	12	1
01-305-1520	Spring	25	37	2	01-506-0530	Decal - Toro	19	16	1
01-305-1530	Relief Valve	25	38	2	01-506-0540	Decal - No Riders	4	14	1
01-308-0050	Valve	2	36	2	01-506-0560	Decal - Hydraulic Oil	2	30	1
01-308-0050	Valve	21	30	2	01-506-0570	Decal - Traction Pedal	2	27	1
01-308-0130	Seal Kit	2	*	1	01-506-0720	Decal - Turf Sweeper 4800HL	18	14	2
01-308-0130	Seal Kit	21	*	1	01-506-0980	Decal - Parking Brake	2	29	1
01-308-0130	Valve Repair Kit	26	*	1	01-600-0050	Battery Cable	3	*	1
01-308-0140	Spring Centered Kit	26	*	1	01-600-0190	Battery Cable	3	*	1
01-308-0150	Detent Kit	26	*	1	01-650-0160	All Thread	12	2	2
01-308-0180	Dump Valve Assembly	25	39	1	01-650-0280	All Thread	13	4	1
01-308-0190	Lever	26	5	1	01-650-0420	All Thread	13	2	2
01-308-1170	Pin	26	7	2	02-250-0020	Rod End Bearing	7	6	1
01-310-0040	Fitting	21	28	1	2412-133	R-Clamp	18	23	2
01-312-0190	Hose Assembly	21	33	2	254-78	Bearing	15	30	2
01-312-0200	Hose Assembly	22	36	1	321-4	Capscrew - Hex Hd.	18	25	2
01-312-0280	Hose Assembly	22	37	2	321-6	Capscrew - Hex Hd.	3	14	7
01-312-0840	Hose Assembly	21	34	1	32103-3	Wing Nut	17	29	1
01-312-1260	Hose Assembly	21	4	2	32121-12	Roll Pin	5	14	1
01-312-1420	Hose Assembly	22	39	2	3217-11	Hex Nut	11	9	1
01-312-1430	Hose Assembly	22	38	2	3217-11	Hex Nut	8	15	3
01-312-1710	Hose Assembly	21	15	1	3217-12	Hex Nut	17	24	2
01-314-0020	Hydraulic Brake Hose	16	35	1	3217-24	Hex Nut	9	14	3
01-314-0070	Brake Line Clip	16	36	1	3217-5	Hex Nut	18	28	2
01-314-0290	Hydraulic Brake Cylinder	15	12	1	3217-5	Hex Nut	3	17	7
01-314-0300	Hydraulic Brake Assembly	15	25	1	3217-6	Hex Nut	15	15	5
01-314-0330	Hydraulic Brake Line	16	37	1	3217-6	Hex Nut	18	5	8
01-314-0340	Bolt	16	39	1	3217-6	Hex Nut	2	35	4
01-314-0350	Gasket	16	40	2	3217-7	Hex Nut	1	11	13
01-314-0360	Connector	16	38	1	3217-7	Hex Nut	10	13	2
01-314-0430	Brake Shoe	15	*	2	3217-7	Hex Nut	11	12	4
01-314-0460	Anchor Pin	15	*	2	3217-7	Hex Nut	12	4	14
01-314-0470	Brake Shoe Lever	15	*	2	3217-7	Hex Nut	14	26	7
01-314-0480	Brake Shoe Spring	15	*	2	3217-7	Hex Nut	15	6	3

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3217-7	Hex Nut	18	7	19	325-6	Capscrew - Hex Hd.	17	2	6
3217-7	Hex Nut	20	6	16	325-7	Capscrew - Hex Hd.	10	5	2
3217-7	Hex Nut	3	12	8	325-7	Capscrew - Hex Hd.	19	3	2
3217-7	Hex Nut	4	11	6	325-7	Capscrew - Hex Hd.	6	6	2
3217-7	Hex Nut	5	6	4	325-8	Capscrew - Hex Hd.	19	9	4
3217-7	Hex Nut	6	19	1	3253-3	Lock Washer	18	27	2
3217-7	Hex Nut	7	9	5	3253-3	Lock Washer	3	16	7
3217-7	Hex Nut	8	10	2	3253-4	Lock Washer	15	14	3
3217-7	Hex Nut	9	10	2	3253-4	Lock Washer	18	4	8
3217-8	Hex Nut	13	5	11	3253-4	Lock Washer	2	34	4
3217-8	Hex Nut	15	28	4	3253-5	Lock Washer	1	8	5
3217-9	Hex Nut	1	17	8	3253-5	Lock Washer	10	12	2
3217-9	Hex Nut	10	8	2	3253-5	Lock Washer	14	19	3
3217-9	Hex Nut	11	17	3	3253-5	Lock Washer	15	20	2
3217-9	Hex Nut	14	12	3	3253-5	Lock Washer	17	13	7
3217-9	Hex Nut	15	9	4	3253-5	Lock Washer	18	6	19
3217-9	Hex Nut	17	5	6	3253-5	Lock Washer	20	5	16
3217-9	Hex Nut	19	5	6	3253-5	Lock Washer	3	11	10
3217-9	Hex Nut	6	9	2	3253-5	Lock Washer	3	19	4
3218-3	Jam Nut	15	7	1	3253-5	Lock Washer	4	10	2
3218-3	Jam Nut	8	20	2	3253-5	Lock Washer	6	18	1
3218-4	Jam Nut	13	7	2	3253-5	Lock Washer	8	9	2
3218-5	Jam Nut	15	10	3	3253-5	Lock Washer	9	9	2
3218-5	Jam Nut	19	8	4	3253-6	Lock Washer	13	8	1
3218-6	Jam Nut	8	5	1	3253-6	Lock Washer	15	27	4
3218-6	Jam Nut	9	6	1	3253-7	Lock Washer	1	16	8
3218-7	Jam Nut	17	17	10	3253-7	Lock Washer	10	7	2
3219-3	Hex Nut	5	9	1	3253-7	Lock Washer	14	11	3
3219-9	Hex Nut	17	20	9	3253-7	Lock Washer	16	41	2
322-12	Capscrew - Hex Hd.	2	32	4	3253-7	Lock Washer	17	4	6
322-3	Capscrew - Hex Hd.	18	2	8	3253-7	Lock Washer	19	7	6
322-5	Capscrew - Hex Hd.	15	16	1	3253-7	Lock Washer	6	8	2
322-6	Capscrew - Hex Hd.	15	13	2	3253-7	Lock Washer	7	4	1
3220-3	Jam Nut	5	8	2	3253-8	Lock Washer	11	8	1
3220-3	Jam Nut	7	7	3	3253-8	Lock Washer	8	4	1
3220-7	Jam Nut	14	7	1	3253-8	Lock Washer	9	5	1
323-10	Capscrew - Hex Hd.	1	3	4	3256-2	Flat Washer	18	26	2
323-10	Capscrew - Hex Hd.	3	9	10	3256-2	Flat Washer	3	15	7
323-11	Capscrew - Hex Hd.	14	28	3	3256-2	Flat Washer	5	15	2
323-11	Capscrew - Hex Hd.	8	17	1	3256-26	"SAE" Flat Washer	17	3	12
323-6	Capscrew - Hex Hd.	1	19	3	3256-26	"SAE" Flat Washer	7	3	1
323-6	Capscrew - Hex Hd.	15	19	2	3256-27	"SAE" Flat Washer	8	3	1
323-6	Capscrew - Hex Hd.	20	3	6	3256-27	"SAE" Flat Washer	9	4	1
323-6	Capscrew - Hex Hd.	3	6	2	3256-28	"SAE" Flat Washer	14	21	1
323-6	Capscrew - Hex Hd.	8	8	2	3256-3	Flat Washer	18	3	8
323-6	Capscrew - Hex Hd.	9	8	2	3256-3	Flat Washer	2	33	4
323-7	Capscrew - Hex Hd.	18	22	8	3256-3	Flat Washer	5	17	2
323-7	Capscrew - Hex Hd.	3	5	2	3256-4	Flat Washer	1	9	5
323-7	Capscrew - Hex Hd.	4	8	2	3256-4	Flat Washer	10	11	2
323-8	Capscrew - Hex Hd.	10	10	2	3256-4	Flat Washer	11	14	3
323-8	Capscrew - Hex Hd.	6	16	1	3256-4	Flat Washer	12	5	22
323-9	Capscrew - Hex Hd.	15	2	1	3256-4	Flat Washer	17	12	1
323-9	Capscrew - Hex Hd.	17	6	8	3256-4	Flat Washer	18	11	16
3230-2	Carriage Bolt	16	43	1	3256-4	Flat Washer	20	8	10
3231-10	Carriage Bolt	17	11	1	3256-4	Flat Washer	3	10	24
3231-2	Carriage Bolt	18	20	6	3256-4	Flat Washer	4	9	12
325-12	Capscrew - Hex Hd.	1	15	8	3256-4	Flat Washer	5	3	9
325-5	Capscrew - Hex Hd.	7	5	1	3256-4	Flat Washer	6	17	1
325-6	Capscrew - Hex Hd.	14	9	3	3256-4	Flat Washer	7	11	3
325-6	Capscrew - Hex Hd.	15	23	2	3256-4	Flat Washer	8	19	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3256-4	Flat Washer	15	3	2	48-004-5451	Hopper Floor Seal	18	19	1
3256-42	Flat Washer	19	13	2	48-004-5461	Engine Spacer	3	27	1
3256-5	Flat Washer	13	6	8	48-004-5471	Engine Spacer	3	26	1
3256-5	Flat Washer	7	19	3	48-004-5501	Belt Slip Bracket	12	1	1
3256-6	Flat Washer	10	6	2	48-004-5511	Front Flap Spacer	20	4	3
3256-6	Flat Washer	11	18	2	48-004-5521	Cessna Pump Spacer	3	8	1
3256-6	Flat Washer	14	10	3	48-004-5841	Reel Plate Spacer	8	2	1
3256-6	Flat Washer	15	11	6	48-004-5841	Reel Plate Spacer	9	3	1
3256-6	Flat Washer	19	4	20	48-004-5871	Side Flap-L.H.	20	10	1
3256-6	Flat Washer	6	7	2	48-004-6091	Rubber Flap Stopper	20	7	3
3256-6	Flat Washer	8	12	6	48-004-6101	Hopper Box Spacer	19	6	4
3256-6	Flat Washer	9	12	5	48-004-6161	Rubber Flap Mount	18	18	1
3256-7	Flat Washer	11	6	3	48-004-6191	Hopper Flap	18	21	1
327-14	Capscrew - Hex Hd.	11	4	1	48-004-6212	Engine Adaptor	3	18	1
327-6	Capscrew - Hex Hd.	8	6	1	48-004-6241	Brake Stop Plate	15	18	1
327-6	Capscrew - Hex Hd.	9	2	1	48-004-6261	Fuel Line	4	6	1
3272-11	Cotter Pin	5	16	2	48-004-6282	Wet Leaf Deflector	18	9	1
3272-21	Cotter Pin	11	3	1	48-004-6311	Hopper Box Spacer	19	17	2
3272-23	Cotter Pin	15	34	1	48-004-6391	Flywheel Guard	3	13	1
3272-23	Cotter Pin	6	14	3	48-004-6441	Flywheel Guard	3	2	1
3272-23	Cotter Pin	7	17	1	48-004-6591	Hopper Pivot Adj. Bracket-LH	18	*	1
3272-25	Cotter Pin	14	23	1	48-004-6631	Break Pedal Stop	16	42	1
328-23	Capscrew - Hex Hd.	17	14	2	48-005-0121	Spring Tension Adjustment	11	10	1
3296-22	Lock Nut	1	5	2	48-005-0131	Front Reel Assembly	10	2	1
3296-22	Lock Nut	11	11	1	48-005-0131	Front Reel Assembly	6	2	1
3296-22	Lock Nut	17	27	2	48-005-0162	Idler Cover	7	18	1
3296-48	Lock Nut	7	20	3	48-005-0191	Idler Shaft Assembly	7	1	1
48-002-0101	Breather Cap	21	19	1	48-005-0201	Rear Reel Assembly	10	1	1
48-002-5441	Idler Sprocket Assembly	6	*	1	48-005-0201	Rear Reel Assembly	6	1	1
48-002-5441	Idler Sprocket Assembly	7	*	1	48-005-0222	Handle	8	16	1
48-004-1211	Belt Slip Pin	12	6	2	48-005-0231	Reel Lift Rod Assembly-L.H.	8	14	1
48-004-1282	Steering Yoke Gear	14	27	1	48-005-0241	Pump Control Arm Assembly	5	10	1
48-004-1711	Idler Spring Rod	11	13	1	48-005-0292	Dust Shield Assembly	18	8	1
48-004-1751	Air Deflector	1	18	1	48-005-0322	Belt Guard	12	7	1
48-004-1861	Hose Hold Down Bracket	1	10	2	48-005-0322	Belt Guard	13	1	1
48-004-1861	Hose Hold Down Bracket	13	3	2	48-005-0331	Hopper Door Cyl. Pin	19	11	1
48-004-1931	Key	6	12	2	48-005-0341	Hopper Door Cyl. Pin	19	10	1
48-004-1961	Key	14	6	1	48-005-0352	Main Lift Arm	17	1	1
48-004-2101	Spacer	12	3	2	48-005-0371	Lower Pivot Assembly	17	21	2
48-004-2601	Spring Rod	5	11	1	48-005-0381	Upper Pivot Arm Bracket	17	19	2
48-004-3001	Door Linkage-Upper	19	2	2	48-005-0432	Reel Lift Assembly	8	7	1
48-004-3052	Upper Arm	17	18	2	48-005-0432	Reel Lift Assembly	9	7	1
48-004-3131	Pump Support	3	7	1	48-005-0462	Seat Mount	1	2	1
48-004-3441	Spacer	17	15	2	48-005-0513	Hopper	18	1	1
48-004-3471	Spacer	11	5	1	48-005-0561	Cylinder Safety Stop	17	10	1
48-004-3831	Battery Hold Down	4	12	1	48-005-0571	Cylinder Adj. Pivot	17	25	1
48-004-3881	Spacer	7	2	1	48-005-0591	Reel Lift Tube Assembly	8	11	1
48-004-3891	Idler Spring Rod	7	10	1	48-005-0591	Reel Lift Tube Assembly	9	15	3
48-004-4461	Hopper Pivot Adj. Bracket-RH	18	29	1	48-005-0602	High Lift Hopper Door	19	1	1
48-004-4641	Peep Hole Cover	18	17	1	48-005-0611	Idler Arm	11	1	1
48-004-4651	Sector Spacer	14	16	3	48-005-0621	Foot Pedal	5	1	1
48-004-4831	Hose Bracket	17	22	2	48-005-0641	Tow Valve Handle	21	12	1
48-004-4921	Hose Assembly	21	10	1	48-005-0641	Tow Valve Handle	3	*	1
48-004-4931	Hose Assembly	21	23	1	48-005-0671	Brake Pedal	15	1	1
48-004-5071	Key	3	25	1	48-005-0692	Reel Plate Assembly-R.H.	10	3	1
48-004-5131	PVK80 Rubber	4	7	2	48-005-0692	Reel Plate Assembly-R.H.	9	1	1
48-004-5201	Side Flap-R.H.	20	*	1	48-005-0702	Reel Plate Assembly-L.H.	6	4	1
48-004-5211	L.H. Rubber Flap Mount	20	11	1	48-005-0702	Reel Plate Assembly-L.H.	8	1	1
48-004-5221	R.H. Rubber Flap Mount	20	*	1	48-005-0712	Gas Tank	4	1	1
48-004-5231	Front Flap Mount	20	2	1	48-005-0774	Main Frame	1	1	1
48-004-5241	Front Rubber Flap	20	1	1	48-005-0781	Brake Stop Weldment	15	5	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
48-005-5781	Reel Lift Rod Assembly-R.H.	9	11	1	92-4625	Camplate	25	19	1
48-005-5961	Muffler	3	28	1	92-4626	Washer	25	3	1
48-005-8231	Control Rod	5	5	1	92-4629	Bearing Race	25	5	2
54-002-0011	Steering Column Assembly	14	*	1	92-4631	Washer	25	13	2
54-004-0941	Reel Chain	6	27	1	92-4633	Screw - Pan Head	25	17	4
54-004-1241	Brake Shoe Bracket	15	26	1	92-4634	Plug Assembly	25	35	2
54-004-1501	Steering Shaft	14	3	1	92-4636	Seal Cover	25	15	1
54-005-0242	Steering Yoke Assembly	14	13	1	92-4637	Trunnion Cover	25	18	1
54-005-0251	Axle	15	22	1	92-4638	Cover - O-Ring	25	16	1
54-005-0261	Brake Mount	15	21	1	92-4639	Capscrew	25	54	2
54-005-0282	Front Wheel	15	24	1	92-4640	Capscrew	25	34	2
54-005-1521	Steering Column Assembly	14	2	1	92-4641	Key - Drive Shaft	25	7	1
66-004-3211	Key	10	16	1	92-4643	Plug Assembly	25	61	1
74-0720	Manual Tube	18	24	1	92-4646	Charge Pump Adaptor	25	52	1
82-004-1171	Key	10	19	1	92-4649	Roll Pin	25	55	1
92-4622	Back Plate Assembly	25	33	1	92-4650	Seal Kit	21	*	1
92-4623	Housing Assembly	25	9	1	92-4650	Seal Kit	25	*	1
92-4624	Rotating Kit Assembly	25	29	1	92-4650	Seal Kit	3	*	1

* Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit which is not reflected in your manual see your TORO Distributor or an Authorized Service Dealer for information and part numbers.

IDENTIFICATION & ORDERING

MODEL AND NUMBERS

The TURF SWEEPER 4800HL has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the seat bracket. In any correspondence concerning the 4800HL, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from your TORO Distributor or an Authorized Service Dealer, supply the following information:

1. Model and serial number of the 4800HL.
2. Part number description and the quantity of part (s) desired.

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

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