

PARTS MANUAL



BTO RIDE-ON POWER TROWEL

MODEL # _____

SERIAL # _____

Revision #1 (10/16/02)

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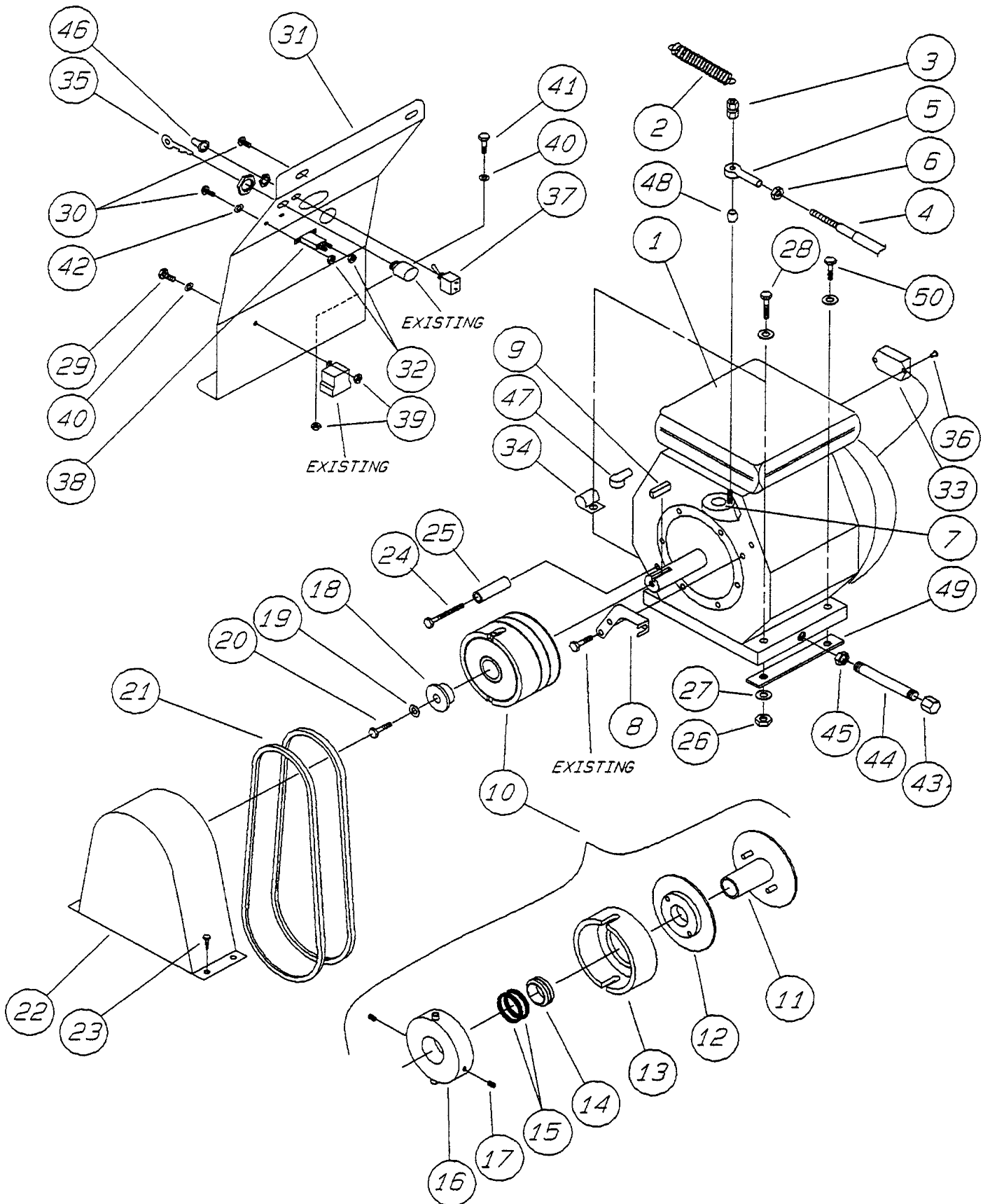
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P/N 10766

BTO RIDE-ON POWER TROWEL— VANGUARD ENGINE ASSY.

ENGINE, VANGUARD ASSY.



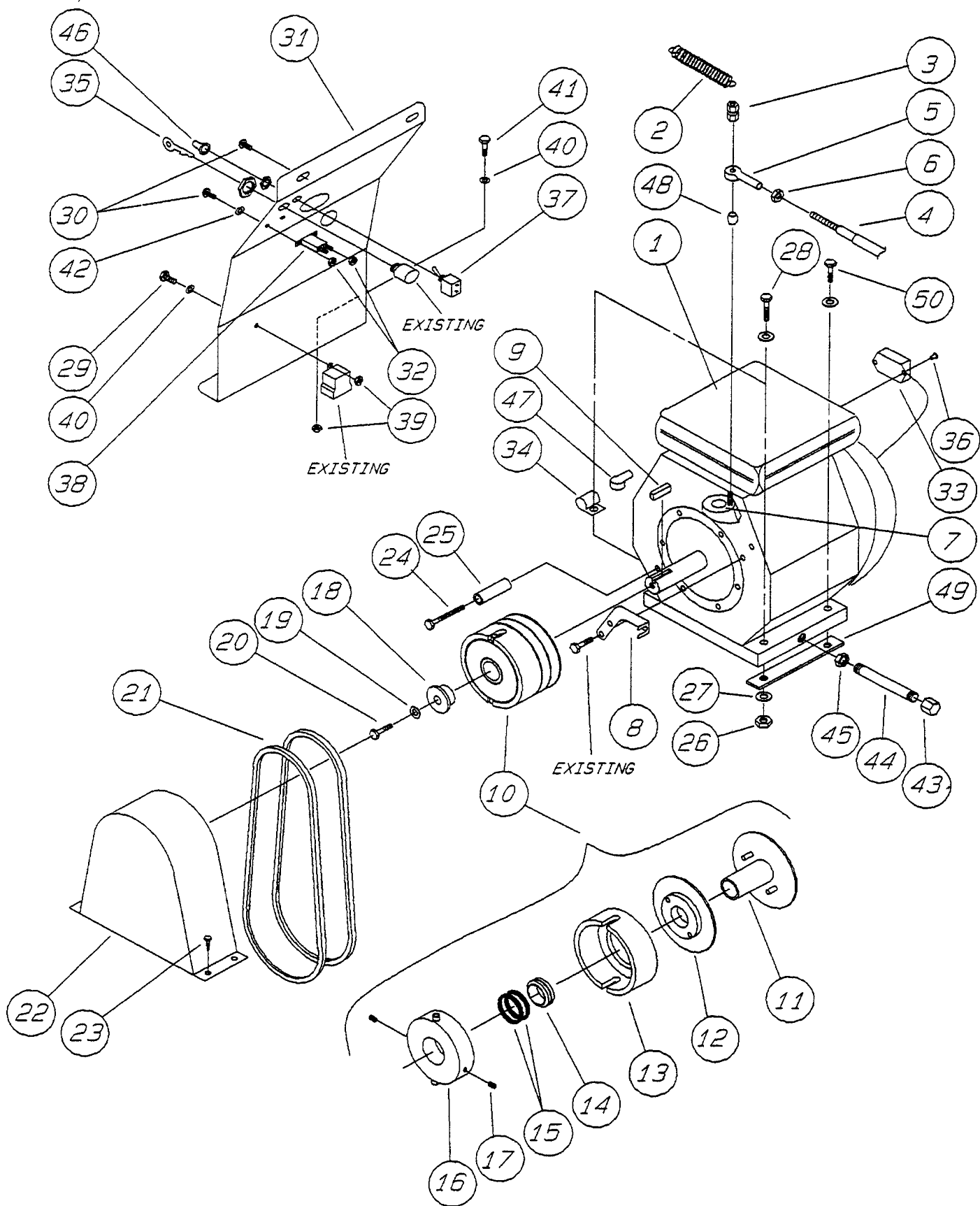
BTO RIDE-ON POWER TROWEL— VANGUARD ENGINE ASSY.

ENGINE, VANGUARD ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1		ENGINE, VANGUARD 18 HP	1	
2	2192	THROTTLE SPRING	1	
3	2194	THROTTLE NUT	1	
4	2124	THROTTLE CABLE	1	
5	2153	SPHERICAL BEARING	1	
6	0937	HEX NUT 10- 32	1	
7	2650	GOVERNOR ASSEMBLY	1	
8	2162	THROTTLE CABLE MOUNTING BRACKET	1	
9	0310	CLUTCH KEY 1/4" X 1/4" X 1.1/2"	1	
10	2516	4" CLUTCH ASSEMBLY 1" BORE	1	
11	1882	CLUTCH SPINDLE	1	
12	1886	CLUTCH PULLEY	1	
13	2504	CLUTCH BOWL	1	
14	2451	CLUTCH WEIGHT	4	
15	2450	WEIGHT SPRING	2	
16	2506	CLUTCH PLATE (WITH ROLLERS)	1	
17	1893	SHSS 3/8"- 24 X 5/8"	2	
18	9123	CLUTCH RETAINER	1	
19	0166A	LOCK WASHER 3/8"	1	
20	0478	HHCS 3/8"- 24 X 2.1/4"	1	
21	11064	DRIVE BELT A- 36	2	
22	2134	BELT GUARD	1	
23	1273	HHSTS 8- 32 X 3/8"	4	
24	0169	HHCS 3/8"- 16 X 3"	1	
25	2257	BELT GUIDE	1	
26	5283	LOCK NUT 5/16- 18	4	
27	0300B	FLAT WASHER 5/16"	8	
28	0669A	HHCS 5/16"- 18 X 2.1/4"	2	
29	0131A	HHCS 1/4"- 20 X 3/4"	2	
30	5065B	RHMS 10- 32 X 1/2"	4	
31	2590	FRONT HEAT SHIELD	1	
32	10019	LOCK NUT 10- 32	4	
33	2655	HOUR METER	1	
34	8126	HOSE CLAMP	1	
35	11078	IGNITION KEY	1	
36	8239	RIVET	2	
37	4682	TOGGLE SWITCH	1	OPTIONAL
38	2673	CIRCUIT BREAKER	1	
39	10024	LOCK NUT 1/4"- 20	4	
40	0948	FLAT WASHER 1/4"	4	
41	4514	HHCS 1/4"- 20 X 5/8"	2	
42	2203	FLAT WASHER #10	2	
43	10491	PIPE CAP	1	
44	10489	PIPE NIPPLE	1	
45	10490	LOCK NUT 3/8" NPT	1	
46	8381	TOGGLE BOOT	1	

BTO RIDE-ON POWER TROWEL— VANGUARD ENGINE ASSY.

ENGINE, VANGUARD ASSY.



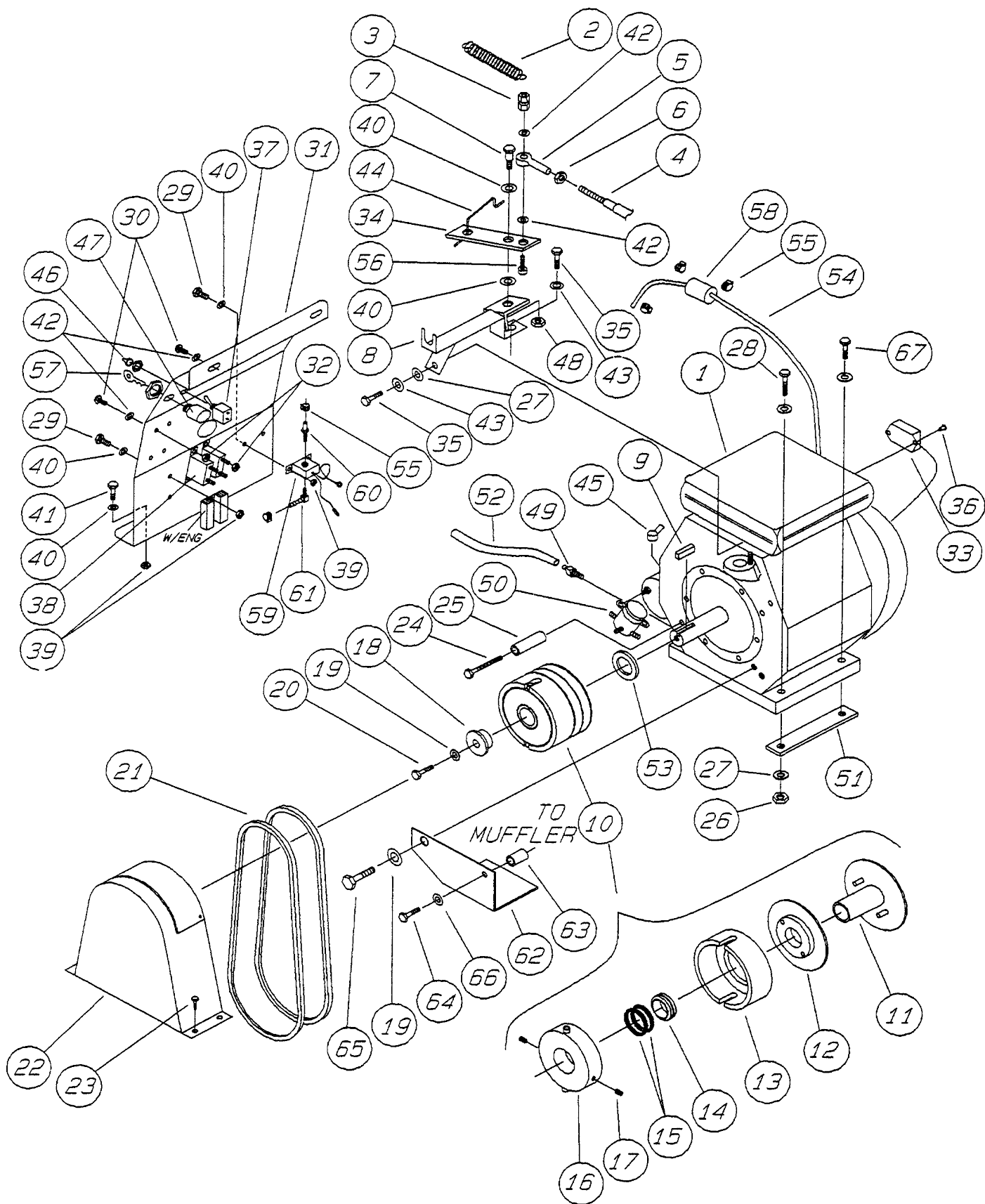
BTO RIDE-ON POWER TROWEL— VANGUARD ENGINE ASSY.

ENGINE, VANGUARD ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
47	2762	TERMINAL BOOT	3	
48	2190	SPACER	1	
49	10984	SPACER	2	
50	0300A	HHCS 5/16"- 18 X 2"	2	

BTO RIDE-ON POWER TROWEL— HONDA ENGINE ASSY.

ENGINE, HONDA ASSY.



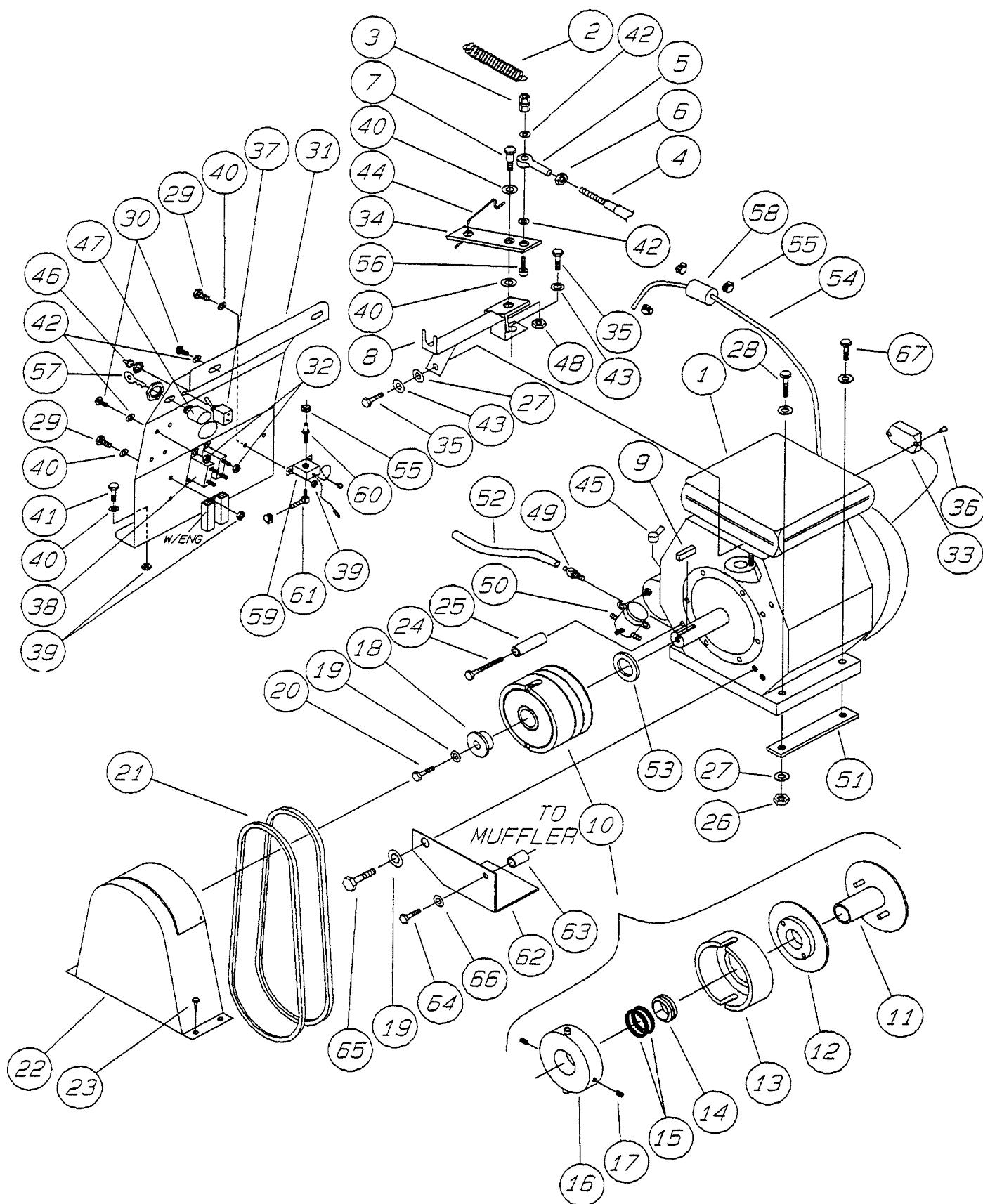
BTO RIDE-ON POWER TROWEL— HONDA ENGINE ASSY.

ENGINE, HONDA ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1		ENGINE, HONDA 20 HP	1	
2	2192	THROTTLE SPRING	1	
3	2194	THROTTLE NUT	1	
4	10568	THROTTLE CABLE	1	
5	2153	SPHERICAL BEARING	1	
6	0937	HEX NUT 10- 32	1	
7	10990	SHOULDER BOLT	1	
8	10964	THROTTLE CABLE MOUNTING BRACKET	1	
9	0310	SQUARE KEY 1/4" X 1/4" X 1.1/2"	1	
10	2516	4" CLUTCH ASSEMBLY 1" BORE	1	
11	1882	CLUTCH SPINDLE	1	
12	1886	CLUTCH PULLEY ASSEMBLY	1	
13	2504	CLUTCH BOWL ASSEMBLY	1	
14	2939	CLUTCH WEIGHT SET	1	
15	2450	WEIGHT SPRING	2	
16	2506	CLUTCH PLATE (WITH ROLLERS)	1	
17	1893	SHSS 3/8"- 24 X 5/8"	2	
18	9123	CLUTCH RETAINER	1	
19	0166A	LOCK WASHER 3/8"	2	
20	2667	HHCS 3/8"- 24 X 2.1/2"	1	
21	11064	DRIVE BELT A- 36	2	
22	11114	BELT GUARD	1	
23	1273	HHSTS 8- 32 X 3/8"	4	
24	0169	HHCS 3/8"- 16 X 3"	1	
25	2257	BELT GUIDE	1	
26	5283	LOCK NUT 5/16- 18	4	
27	0300B	FLAT WASHER 5/16"	9	
28	0669A	HHCS 5/16"- 18 X 2.1/4"	2	
29	0730	HHCS 1/4"- 20 X 1"	4	
30	5065B	RHMS 10- 32 X 1/2"	6	
31	10927	CONTROL PANEL	1	
32	10019	LOCK NUT 10- 32	8	
33	2655	HOUR METER	1	
34	10954	THROTTLE LEVER	1	
35	2299	HHCS M8- 1.25 X 15MM	2	
36	8239	RIVET	2	
37	4682	LIGHT SWITCH	1	OPTIONAL
38	2673	CIRCUIT BREAKER	2	
39	10024	LOCK NUT 1/4"- 20	6	
40	0948	FLAT WASHER 1/4"	8	
41	4514	HHCS 1/4"- 20 X 5/8"	2	
42	2203	FLAT WASHER #10	8	
43	0161C	LOCK WASHER 5/16"	2	
44	10955	THROTTLE WIRE	1	
45	2762	TERMINAL BOOT	1	
46	8381	TOGGLE BOOT	1	

BTO RIDE-ON POWER TROWEL— HONDA ENGINE ASSY.

ENGINE, HONDA ASSY.



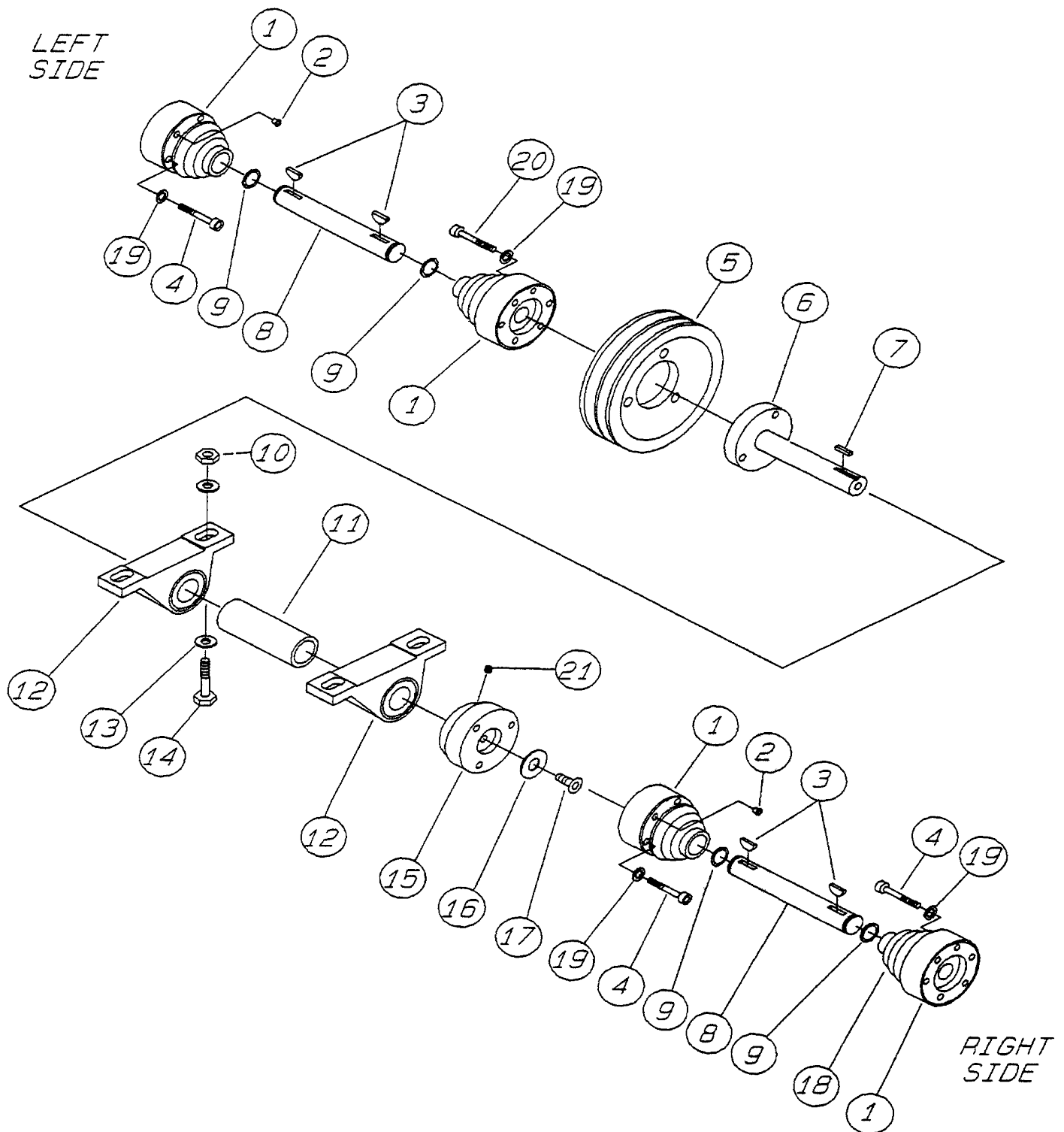
BTO RIDE-ON POWER TROWEL— HONDA ENGINE ASSY.

ENGINE, HONDA ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
47	10958	IGNITION SWITCH W/KEY	1	
48	1618	LOCK NUT 10- 24	1	
49	10963	OIL DRAIN VALVE	1	
50	2207	SOLENOID	1	
51	10984	ENGINE SPACER	2	
52	10987	OIL DRAIN HOSE	1	
53	10948	SPACER	1	
54	10962	FUEL HOSE	1	
55	19473	HOSE CLAMP	6	
56	10018	SHCS 10- 32 X 1"	1	
57	11078	IGNITION KEY	1	
58	2346	FUEL FILTER	1	
59	11099	FUEL PUMP	1	
60	11100	STR. FITTING	1	
61	11101	90 DEGREE ELBOW	1	
62	11339	HEAT SHIELD	1	
63	11342	SPACER	1	
64	10790	HHCS 6MM X 30MM	1	
65	4196	HHCS 3/8"- 16 X 3/4"	1	
66	0181B	LOCK WASHER 1/4"	1	
67	0300A	HHCS 5/16- 18 X 2"	2	

BTO RIDE-ON POWER TROWEL— DRIVE ASSY.

DRIVE ASSY.



BTO RIDE-ON POWER TROWEL— DRIVE ASSY.

DRIVE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	2052	C.V. JOINT	4	
2	2218	PLUG	12	
3	0126	WOODRUFF KEY #9	4	
4	2186	SHCS 5/16"- 18 X 2.1/4"	9	
5	11047	PULLEY (5.62" O.D.)	1	
6	2129	BEARING SHAFT	1	
7	2126	KEY 3/16 X 3/16 X 13/16"	1	
8	2043	DRIVE SHAFT	2	
9	2090	SNAP RING	4	
10	10133	LOCK NUT 3/8"	4	
11	10514	SPACER	1	
12	10337	PILLOW BLOCK BEARING	2	
13	10136	FLAT WASHER 3/8"	8	
14	1284	HHCS 3/8"- 16 X 1.1/2"	4	
15	2029	COUPLER 1" I.D.	1	
16	2037	RETAINING WASHER	1	
17	1146	FHSCS 5/16"- 18 X 1"	1	
18	2259	C.V. JOINT BOOT (REPAACEMENT ONLY)		
19	0161C	FLAT WASHER 5/16"	12	
20	2187	SHCS 5/16"- 18 X 2.1/2"	3	
21	10138	SHSS 1/4"- 20 X 1/2"	1	

STEERING ASSY S/N KB46645 & BELOW



BTO RIDE-ON POWER TROWEL— STEERING ASSY. S/N KG46645 & BELOW

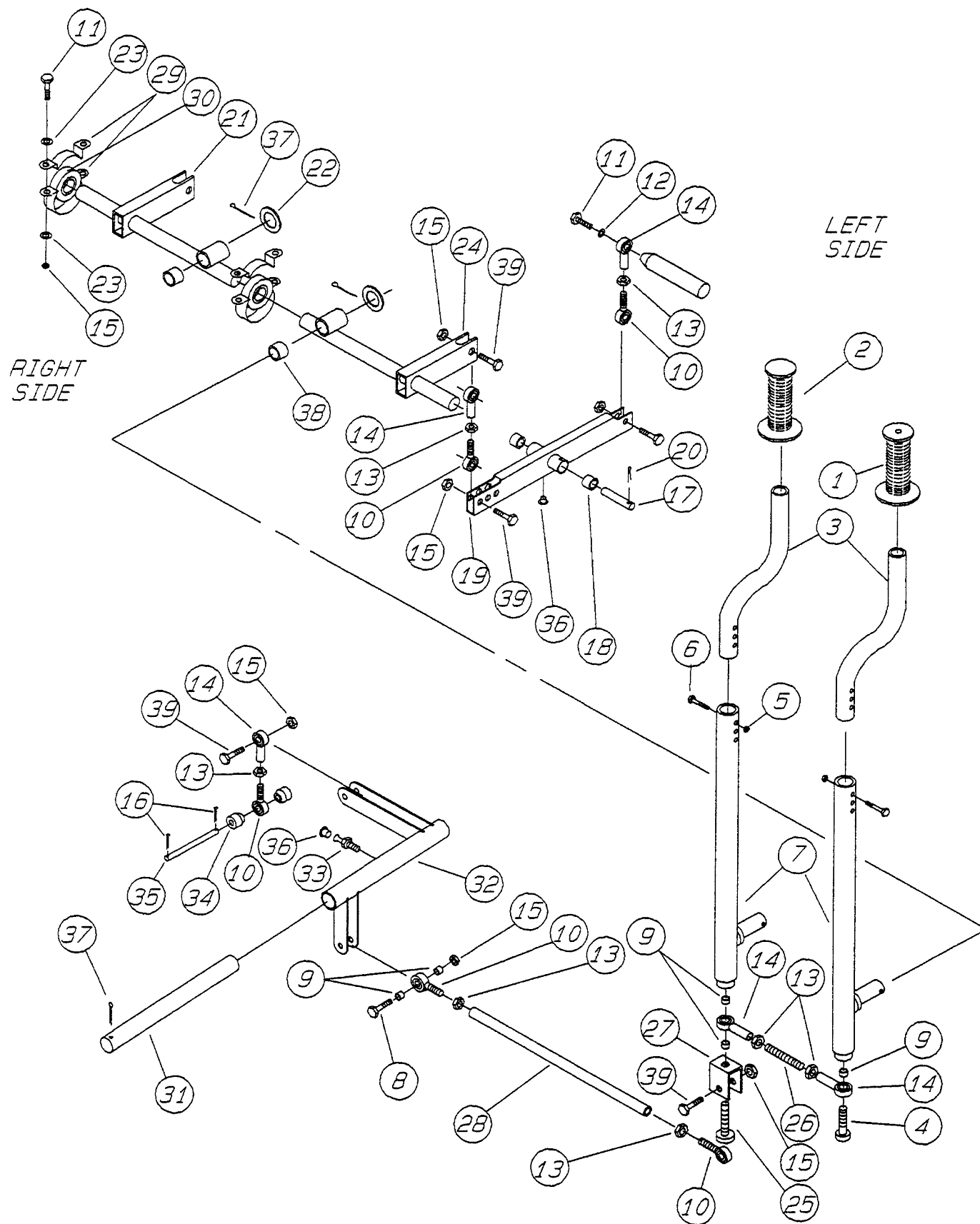
STEERING ASSY S/N KB46645 & BELOW

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	0189	LEFT SIDE HAND GRIP	1	NO OPTIONS
1	2267	LEFT SIDE HAND GRIP	1	RETARDANT SPRAY OPTION
2	0189	RIGHT SIDE HAND GRIP	1	
3	10130	HANDLE EXTENSIONS	2	
4	11090	SHCS 3/8"- 16 X 1.1/4"	1	
5	2197	ACORN NUT 1/4"- 20	2	
6	0424	HHCS 1/4"- 20 X 1.1/4"	2	
7	11079	LOWER HANDLE	2	
8	1665	HHCS 3/8"- 16 X 2"	1	
9	2196	SPACER	5	
10	2063	SPHERICAL BEARING	8	RIGHT HAND MALE
11	1023	HHCS 3/8"- 16 X 1.1/4"	2	
12	0166A	LOCK WASHER 3/8"	2	
13	2199	JAM NUT 3/8"- 24	8	
14	2064	SPHERICAL BEARING	6	RIGHT HAND FEMALE
15	10133	LOCK NUT 3/8"- 16	9	
16	0183	COTTER PIN	4	
17	11275	PIN	2	
18	11072	BEARING	4	
19	11071	STEERING CONTROL LEVER	2	WITH BEARING
20	3216	COTTER KEY	2	
21	10605	LEFT SIDE STEERING ASSEMBLY	1	
22	11265	FLAT WASHER	2	
23	10603	BOSS & SUPPORT	2	
24	10606	RIGHT SIDE STEERING ASSEMBLY	1	
25	5283	LOCK NUT 5/16"- 18	8	
26	0655	HHCS 5/16"-18 X 3/4"	10	
27	11089	SHCS 3/8"- 16 X 2"	1	
28	0161C	LOCK WASHER 5/16"	2	
29	11086	LINKAGE ROD	1	
30	1284	HHCS 3/8"- 16 X 1.1/2"	8	
31	2080	RIGHT/LEFT MOTION SHAFT	1	
32	2036	RIGHT/LEFT MOTION ARM	1	
33	5228	GREASE FITTING	7	
34	2188	SPACER	2	
35	3550	ADAPTER PLATE PIN	1	
36	1162A	LUBRA- CAP	5	
37	2219	COTTER PIN	2	
38	2168	BUSHING	4	
39	0300B	FLAT WASHER 5/16"	2	
40	11303	BRACKET	1	

S.N. KG46645 AND BELOW

BTO RIDE-ON POWER TROWEL— STEERING ASSY. S/N KG46646 & ABOVE

STEERING ASSY S/N KB46646 & ABOVE



BTO RIDE-ON POWER TROWEL— STEERING ASSY. S/N KG46646 & ABOVE

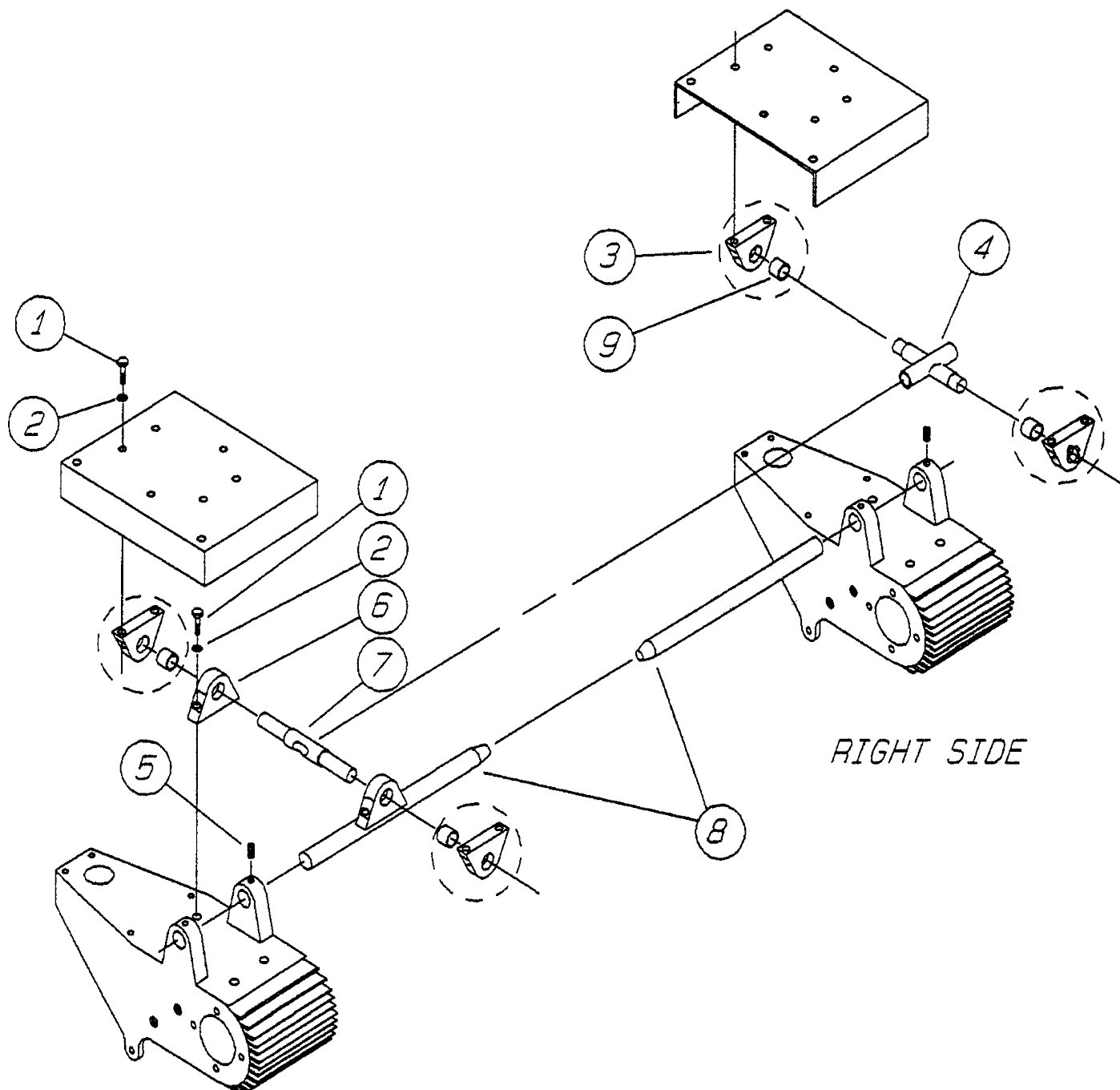
STEERING ASSY S/N KB46646 & ABOVE

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	0189	LEFT SIDE HAND GRIP	1	NO OPTIONS
1	2267	LEFT SIDE HAND GRIP	1	RETARDANT SPRAY OPTION
2	2267	RIGHT SIDE HAND GRIP	1	
3	10130	HANDLE EXTENSIONS	2	
4	11090	SHCS 3/8"- 16 X 1.1/4"	1	
5	2197	ACORN NUT 1/4"- 20	2	
6	0424	HHCS 1/4"- 20 X 1.1/4"	2	
7	11079	HANDLE	2	
8	1665	HHCS 3/8"- 16 X 2"	1	
9	2196	SPACER	5	
10	2063	SPHERICAL BEARING	7	RIGHT HAND MALE
11	1023	HHCS 3/8"- 16 X 1.1/4"	10	
12	0166A	LOCK WASHER 3/8"	2	
13	2199	JAM NUT 3/8"- 24	9	
14	2064	SPHERICAL BEARING	7	RIGHT HAND FEMALE
15	10133	LOCK NUT 3/8"- 16	17	
16	0183	COTTER PIN	2	
17	11275	PIN	2	
18	11072	BEARING	4	
19	11071	STEERING CONTROL LEVER	2	
20	6014B	COTTER PIN	2	
21	11527	LEFT SIDE STEERING ASSEMBLY	1	
22	11265	FLAT WASHER 3/4"	2	
23	10136	FLAT WASHER 3/8"	16	
24	11528	RIGHT SIDE STEERING ASSEMBLY	1	
25	11089	SHCS 3/8"- 16 X 2"	1	
26	11498	LINKAGE ROD	1	
27	11303	BRACKET	1	
28	11304	LINKAGE ROD	1	
29	11138	BEARING HOUSING	4	
30	11149	BEARING	4	
31	11497	RIGHT/LEFT MOTION SHAFT	1	
32	11441	RIGHT/LEFT MOTION ARM	1	
33	5228	GREASE FITTING	1	
34	2188	SPACER	2	
35	3550	ADAPTER PLATE PIN	1	
36	1162A	LUBRA- CAP	3	
37	2219	COTTER PIN	3	
38	2168	BUSHING	4	
39	1284	HHCS 3/8"- 16 X 1.1/2"	8	

S.N. KG46646 AND ABOVE

BTO RIDE-ON POWER TROWEL— GEARBOX PIVOT ASSY.

GEARBOX PIVOT ASSY.



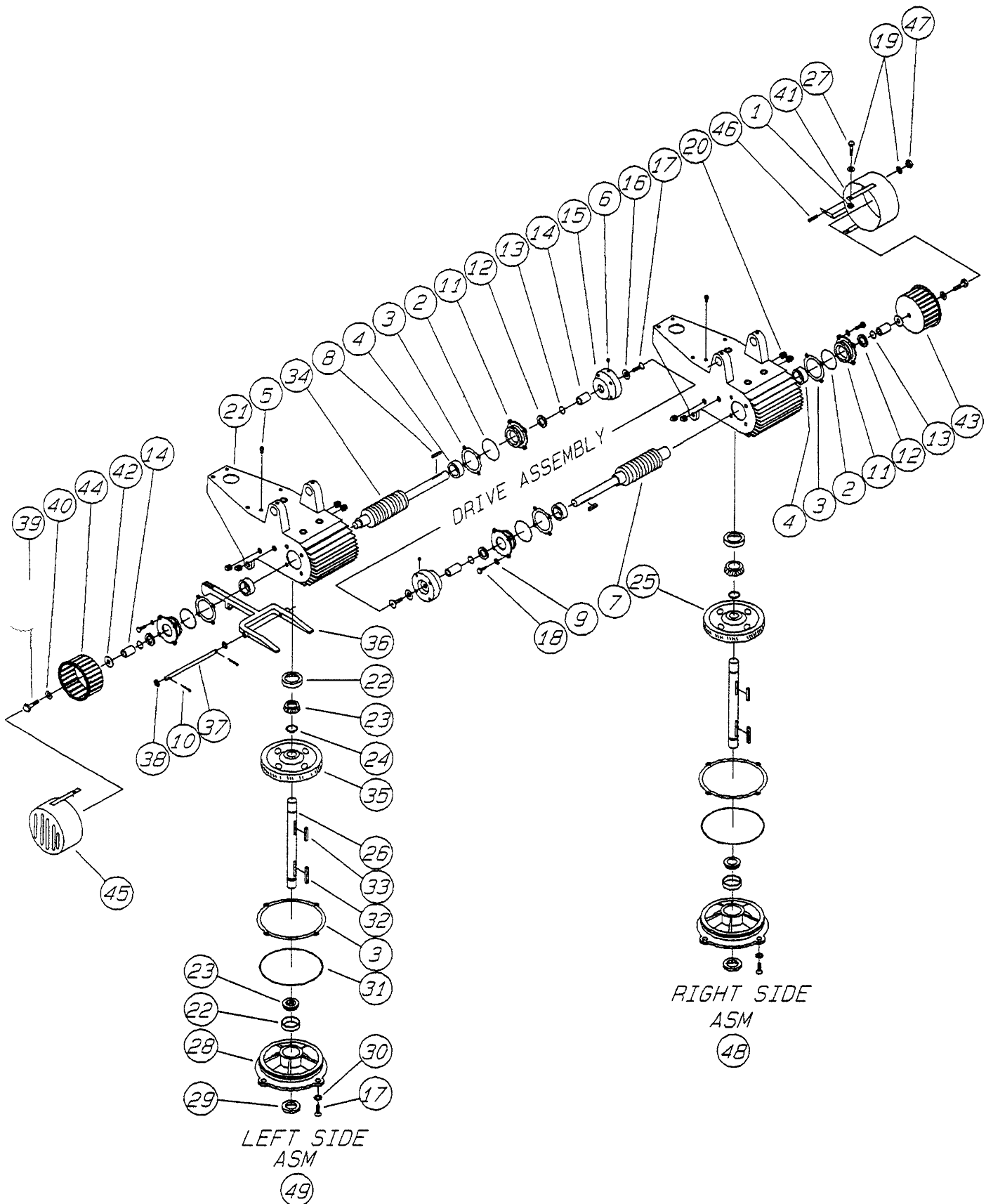
BTO RIDE-ON POWER TROWEL— GEARBOX PIVOT ASSY.

GEARBOX PIVOT ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	1023	HHCS 3/8"- 16 X 1.1/4"	12	
2	0166A	LOCK WASHER 3/8"	12	
3	2079	ROCKER BLOCK ASSEMBLY	4	INCLUDING ITEM 9
4	2044	PIVOT ARM ASSEMBLY	1	
5	10138	SHSS 1/4"- 20 X 1/2"	4	
6	10973	ROCKER BLOCK	2	
7	2076	PIVOT SHAFT	1	
8	2111	CONTROL PIVOT ARM	2	
9	2088	BUSHING (AFTER PRESSING BUSHING INTO ROCKER BLOCK, REAM TO .752+.001/- .000		

BTO RIDE-ON POWER TROWEL— GEARBOX ASSY.

GEARBOX ASSY.



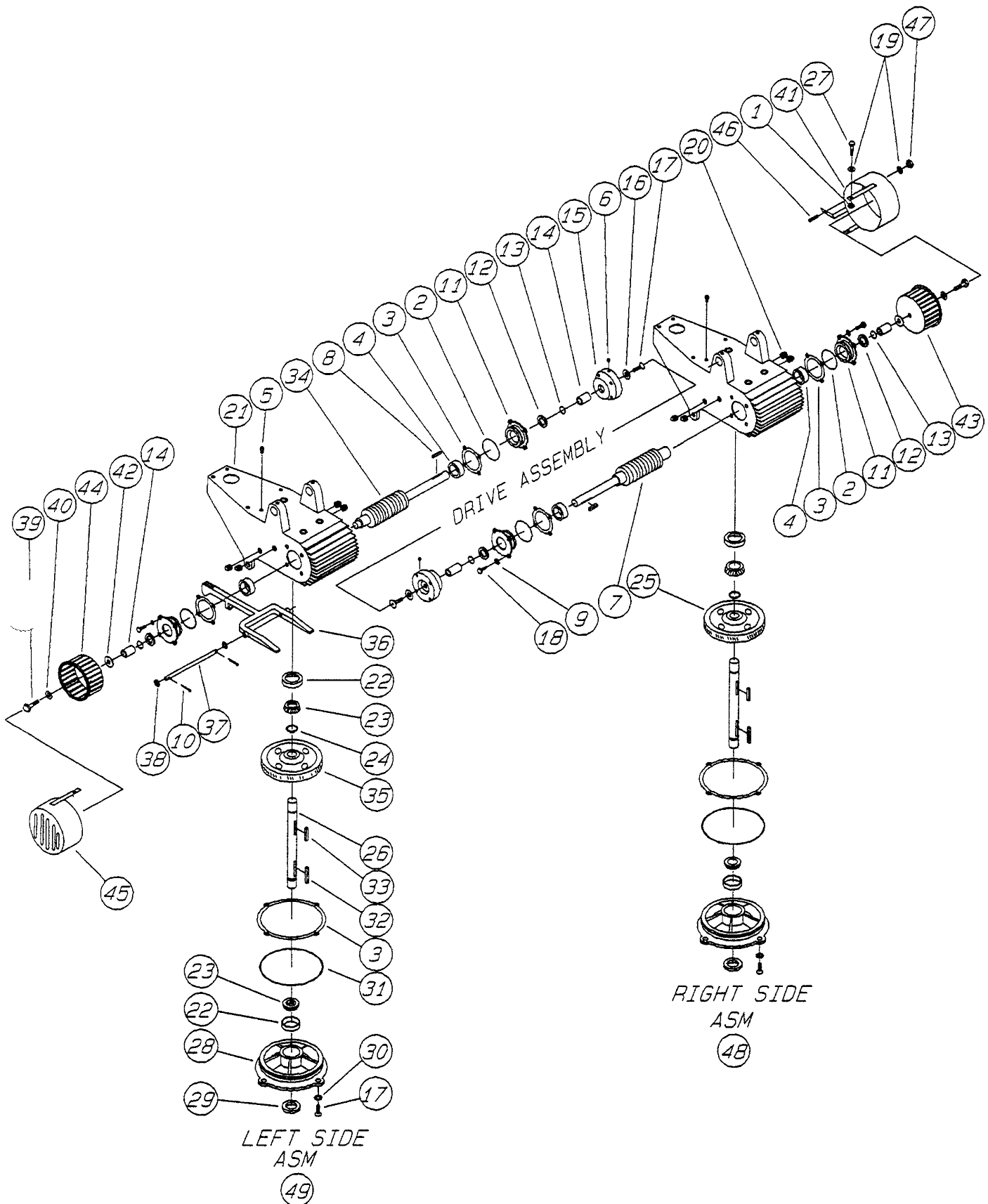
BTO RIDE-ON POWER TROWEL— GEARBOX ASSY.

GEARBOX ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	0937	HEX NUT 10- 32	2	
2	2308	O- RING (INCLUDED IN ITEM 3)	4	
3	2633	GASKET KIT		TO KC44134
3	11426	GASKET KIT		FROM KC44135
4	10501	BEARING	4	TO KC44134
4	11318	BEARING	4	FROM KC44135
5	1132	AIR VENT	2	
6	10138	SHSS 1/4"- 20 X 1/2"	2	
7	10876	RIGHT SIDE WORM	1	TO KC44134
7	11231	RIGHT SIDE WORM	1	FROM KC44135
8	2126	KEY 3/16" X 3/16 X 3/16"	2	
9	10031	EXT. LOCK WASHER 1/4"	16	
10	0683	COTTER PIN	4	
11	10498	FLANGE	4	
12	10460	OIL SEAL (INCLUDED IN ITEM 3)	4	TO KC44134
12	11417	OIL SEAL (INCLUDED IN ITEM 3)	4	FROM KC44135
13	2115	O- RING	4	TO KC44134
14	10497	SPACER	4	FROM KC44135
15	2030	COUPLER	2	
16	2037	RETAINING WASHER	2	
17	1146	FHSCS 5/16"- 18 X 1"	10	
18	2295	HHCS 1/4"- 20 X 7/8"	16	
19	2203	FLAT WASHER #10	6	
20	0121A	PLUG	8	
21	10800	GEARBOX	2	
22	0232A	BEARING CUP	4	
23	0232	BEARING CONE	4	
24	1138	RETAINING RING	2	
25	2249	RIGHT SIDE WORM GEAR (BRONZE)	1	
26	2231	MAINSHAFT	2	
27	5065B	RHMS 10- 32 X 1/2"	4	
28	1145	COVER PLATE	2	
29	10461	SEAL (INCLUDED IN ITEM 3)	2	
30	10235	INT. LOCK WASHER 5/16"	8	
31	1143	O- RING (INCLUDED IN ITEM 3)	2	
32	1141	KEY 5/16 X 5/16 X 2.5/8"	2	
33	2229	KEY 5/16 X 5/16 X 1.7/16"	2	
34	10877	LEFT SIDE WORM	1	TO KC44134
34	11232	LEFT SIDE WORM	1	FROM KC44135
35	2250	LEFT SIDE WORM GEAR (BRONZE)	1	
36	1150	YOKE ARM	2	
37	1151	YOKE PIN	2	
38	10136	FLAT WASHER 3/8"	4	
39	0424	HHCS 1/4"- 20 X 1.1/4"	2	
40	0948	FLAT WASHER 1/4"	2	
41	10890	RIGHT SIDE FAN COVER	1	

BTO RIDE-ON POWER TROWEL— GEARBOX ASSY.

GEARBOX ASSY.



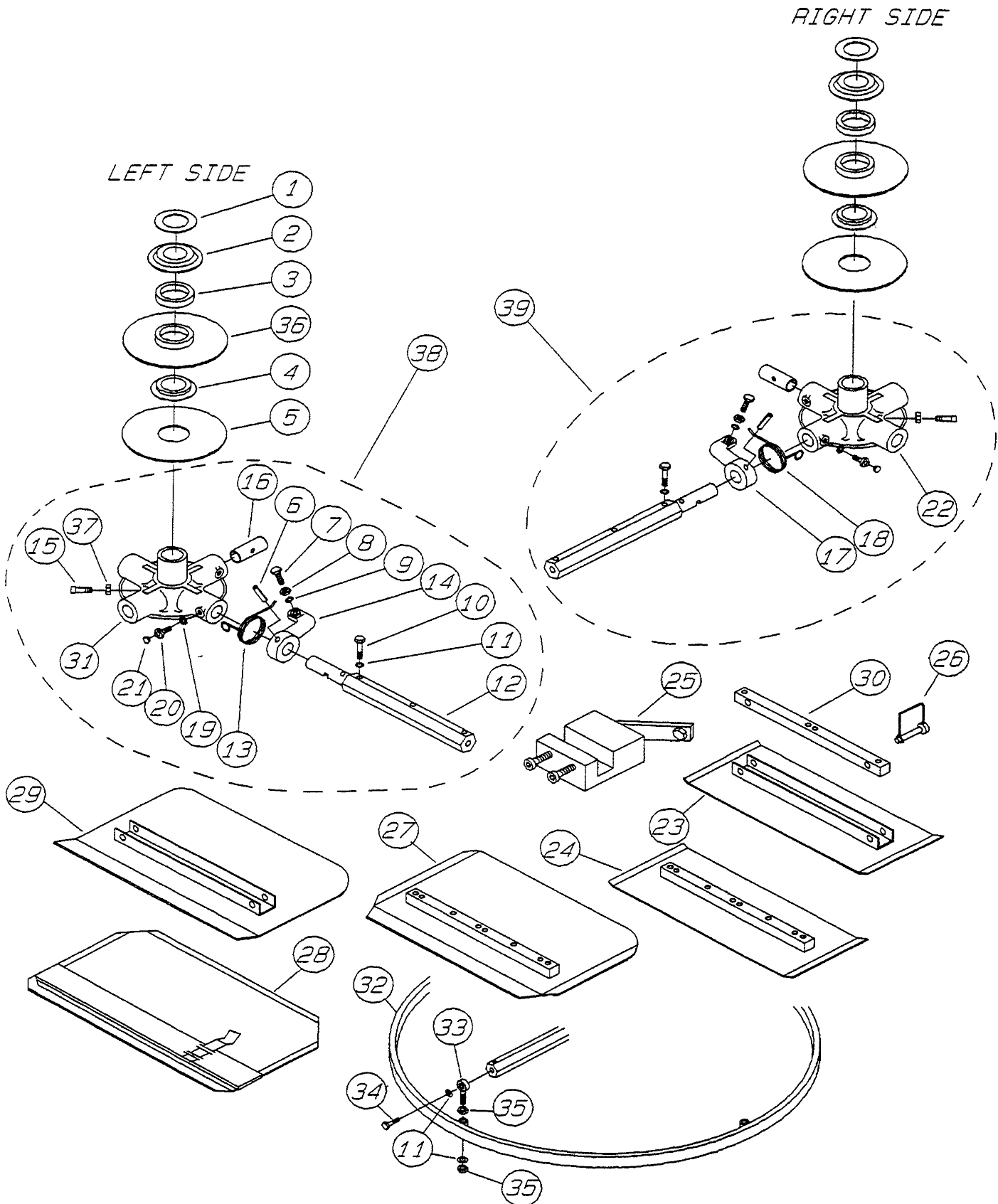
BTO RIDE-ON POWER TROWEL— GEARBOX ASSY.

GEARBOX ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
42	10930	FENDER WASHER 1/4"	2	
43	10921	FAN (C.W.)	1	
44	10922	FAN (C.C.W.)	1	
45	10882	LEFT SIDE FAN COVER	1	
46	10989	STUD 10- 32 X 3/4"	2	
47	10019	LOCK NUT 10- 32	2	
48	10966	RIGHT SIDE GEARBOX ASSEMBLY	1	
49	10967	LEFT SIDE GEARBOX ASSEMBLY	1	
	10139	REPLACEMENT GEARBOX OIL,	1	22 OZ.BOTTLE
	10518	BEARING REPLACEMENT KIT	1	TO S/N KC44134
		(ONE PER GEARBOX NOT SHOWN)		
	11427	BEARING REPLACEMENT KIT	1	FROM KC44135
		(ONE PER GEARBOX NOT SHOWN)		
	2633	GASKET KIT	1	TO S/N KC44134
	11426	GASKET	1	FROM S/N 44135

BTO RIDE-ON POWER TROWEL— SPIDER & BLADES ASSY.

SPIDER & BLADES ASSY.



BTO RIDE-ON POWER TROWEL— SPIDER & BLADES ASSY.

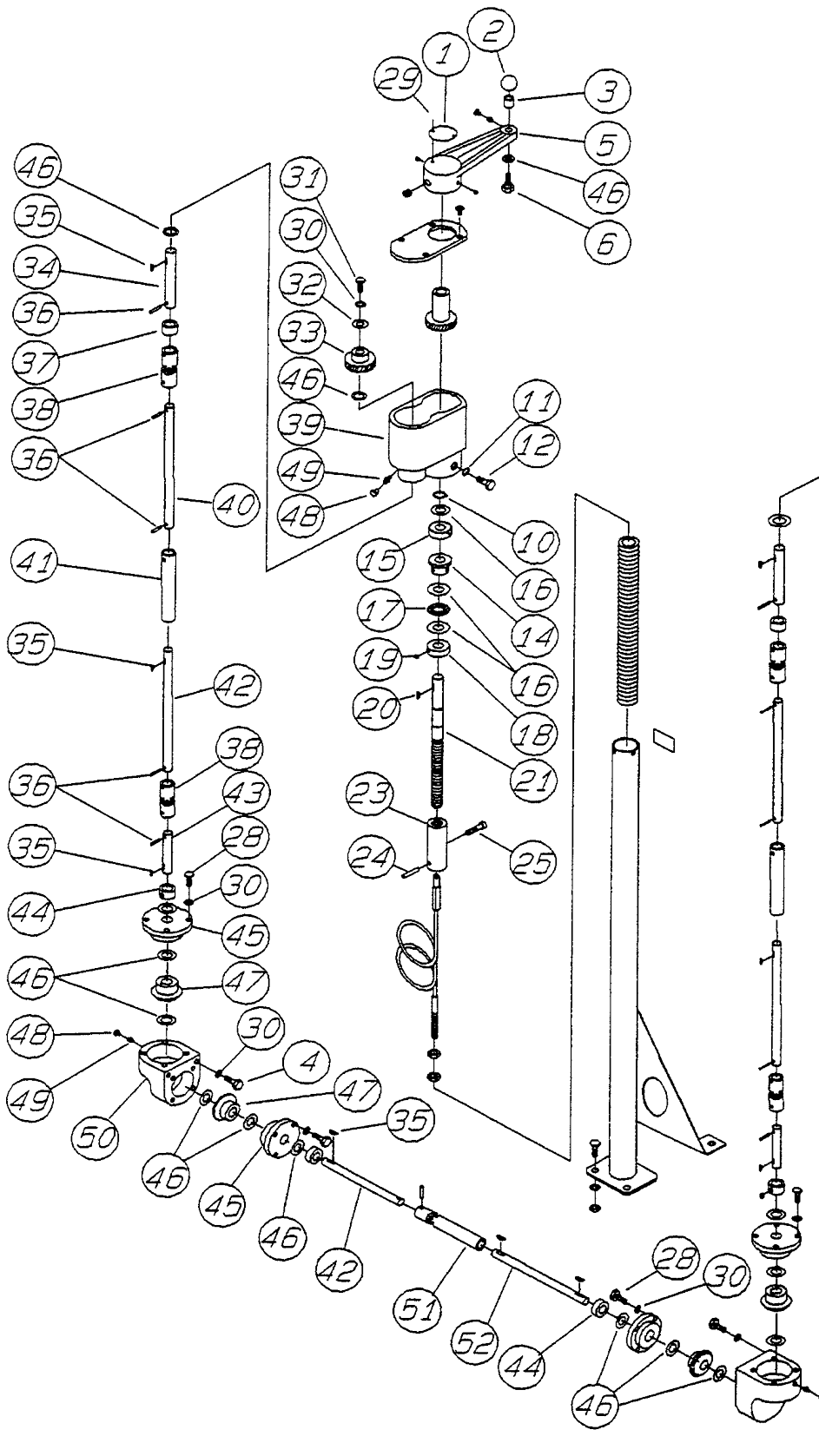
SPIDER & BLADES ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	1803	WEAR PLATE	2	
2	1152	THRUST COLLAR CAP	2	
3	1153	THRUST BEARING	2	
4	1471	THRUST COLLAR BUSHING	2	
5	1154A	WEAR PLATE	2	
6	4164	ROLL PIN	8	
7	0164B	HHCS 3/8"- 16 X 1.1/4"	8	FULL THREAD RADIUS HEAD
8	1876	JAM NUT 3/8"- 16	8	
9	0166A	LOCK WASHER 3/8"	8	
10	0105	HHCS 5/16"- 18 X 1.1/2"	16	
11	0161C	LOCK WASHER 5/16"	32	
12	2827	TROWEL ARM 16-1/2	8	
13	1316	LEFT SIDE SPRING	4	
14	1163	LEFT SIDE TROWEL LEVER	4	
15	1167A	SQHSS 3/8"- 16 X 1.1/2"	2	
16	1157A	BUSHING	8	
17	1555	RIGHT SIDE TROWEL ARM LEVER	8	
18	1317	RIGHT SIDE SPRING	4	
19	1875	INT. LOCK WASHER 3/8"	8	
20	1322	RETAINING SCREW	8	
21	1162A	LUBRA- CAP	8	
22	1554	RIGHT SIDE SPIDER	1	
23	1874	UNIVERSAL FIT FINISH BLADE		OPTIONAL
24	0400	FINISH BLADE		OPTIONAL
25	1817	TROWEL ARM ADJUSTMENT FIXTURE		OPTIONAL
26	1869	SNAP PIN		OPTIONAL
27	2949	COMBINATION FLOAT & FINISH BLADE	8	
28	0444F	CLIP- ON FLOAT BLADE		OPTIONAL
29	1873	UNIVERSAL FIT COMBINATION BLADE		OPTIONAL
30	1856	UNIVERSAL FIT MOUNTING BAR		OPTIONAL
31	1161	LEFT SIDE SPIDER	1	
32	1483	STABILIZER RING	2	
33	1723	SPHERICAL BEARING	8	
34	1237	SHCS 5/16"- 18 X 7/8"	8	
35	6014C	FINISH NUT 5/16- 24	16	
36	1154	THRUST COLLAR	2	
37	1167A	HEX NUT 3/8"- 16	2	
38	1490	LEFT SIDE SPIDER ASSEMBLY		
39	1693	RIGHT SIDE SPIDER ASSEMBLY		

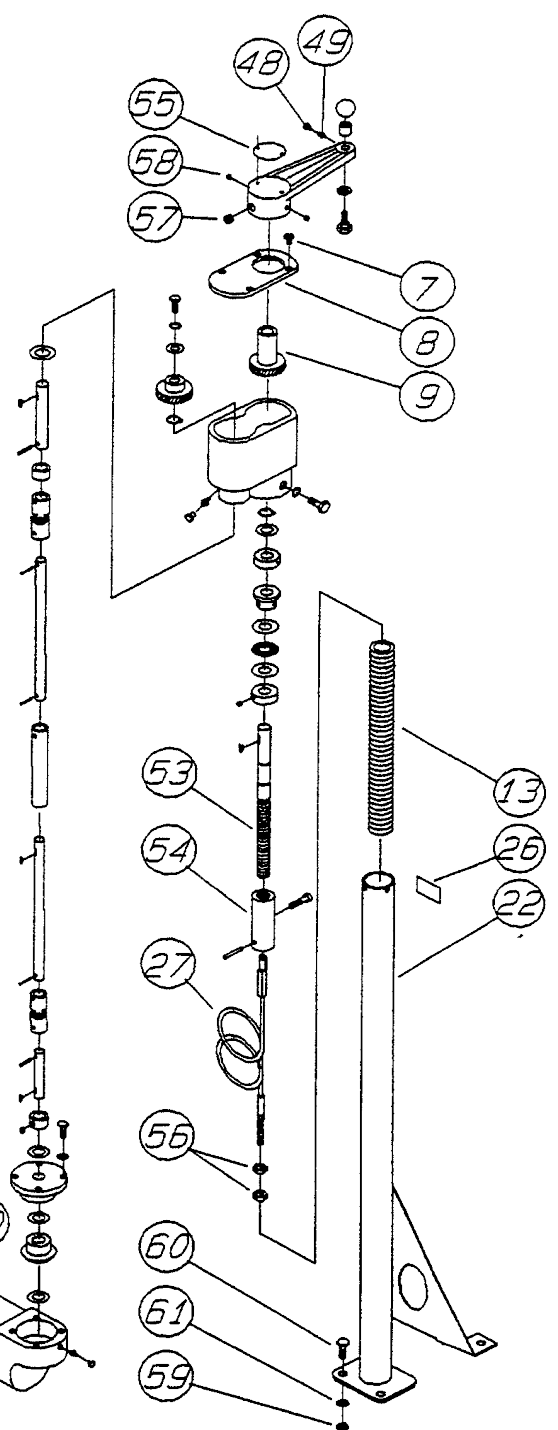
BTO RIDE-ON POWER TROWEL— TWIN PITCH CONTROL ASSY.

TWIN PITCH CONTROL ASSY.

RIGHT SIDE



LEFT SIDE



BTO RIDE-ON POWER TROWEL— TWIN PITCH CONTROL ASSY.

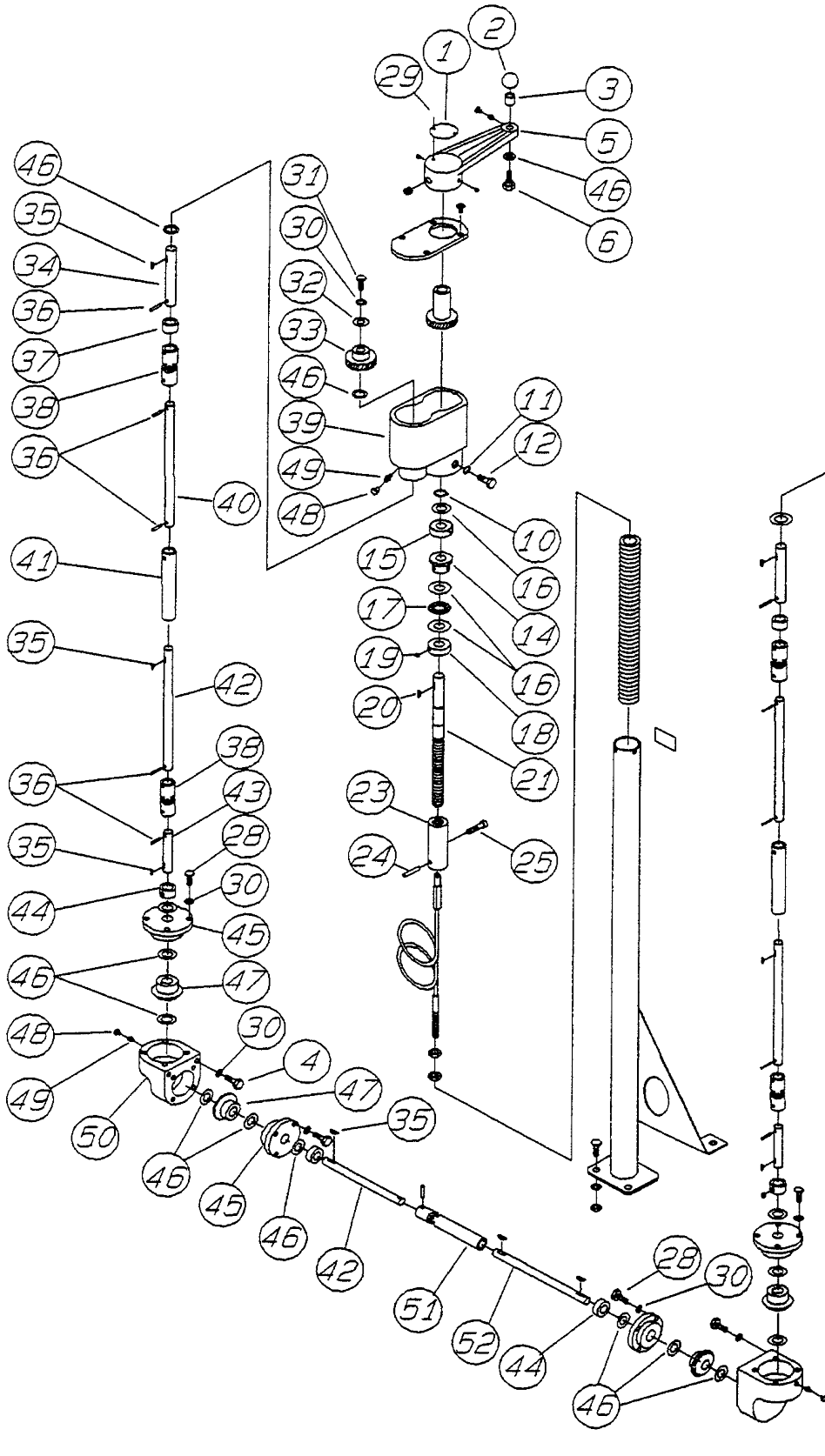
TWIN PITCH CONTROL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	2300	RIGHT SIDE DECAL	1	
2	4403	CRANK KNOB	2	
3	3231	SPACER	2	
4	4514	HHCS 1/4"- 20 X 5/8"	4	
5	1615	CRANK LEVER	2	
6	1616	SHOULDER BOLT	2	
7	2620	BHCS 10- 24 X 5/8"	8	
8	2649	COVER PLATE	2	
9	1529	MASTER GEAR	2	
10	10512	RETAINING RING	2	
11	0161C	LOCK WASHER 5/16"	6	
12	0655	HHCS 5/15"- 18 X 3/4"	6	
13	2156	SPRING	2	
14	1612	BEARING	2	
15	1604	BEARING	2	
16	2170	THRUST WASHER	6	
17	2169	THRUST BEARING	2	
18	2367	SET COLLAR	2	
19	0685	SHSS 5/16"- 18 X 5/16"	4	
20	0126	WOODRUFF KEY #9	2	
21	10510	RIGHT SIDE PITCH CONTROL SCREW	1	
22	10548	PITCH CONTROL TUBE	2	
23	10721	RIGHT SIDE SLIDE BLOCK	1	
24	10723	ROLL PIN	2	
25	10382	SHOULDER BOLT 3/8"	2	
26	2634	SPRING WARNING DECAL	2	
27	2008	CABLE	2	
28	0730	HHCS 1/4"- 20 X 1"	16	
29	4014	U- DRIVE SCREW 2 X 3/16"	4	
30	0181B	LOCK WASHER 1/4"	22	
31	1579	HHCS 1/4"- 20 X 1/2"	2	
32	0948	FLAT WASHER 1/4"	2	
33	1530	SLAVE GEAR	2	
34	2007	SHAFT	2	
35	1578	WOODRUFF KEY #3	9	
36	1586	ROLL PIN	11	
37	2311	SPACER	2	
38	1536	U- JOINT	4	
39	10546	HOUSING	2	
40	2023	SHAFT	2	
41	2012	SLEEVE	2	
42	2022	SHAFT	3	
43	2021	SHAFT	2	
44	1577	SET COLLAR	4	
45	1988	MITER BOX CAP	4	
46	1733	HARDENED WASHER	18	

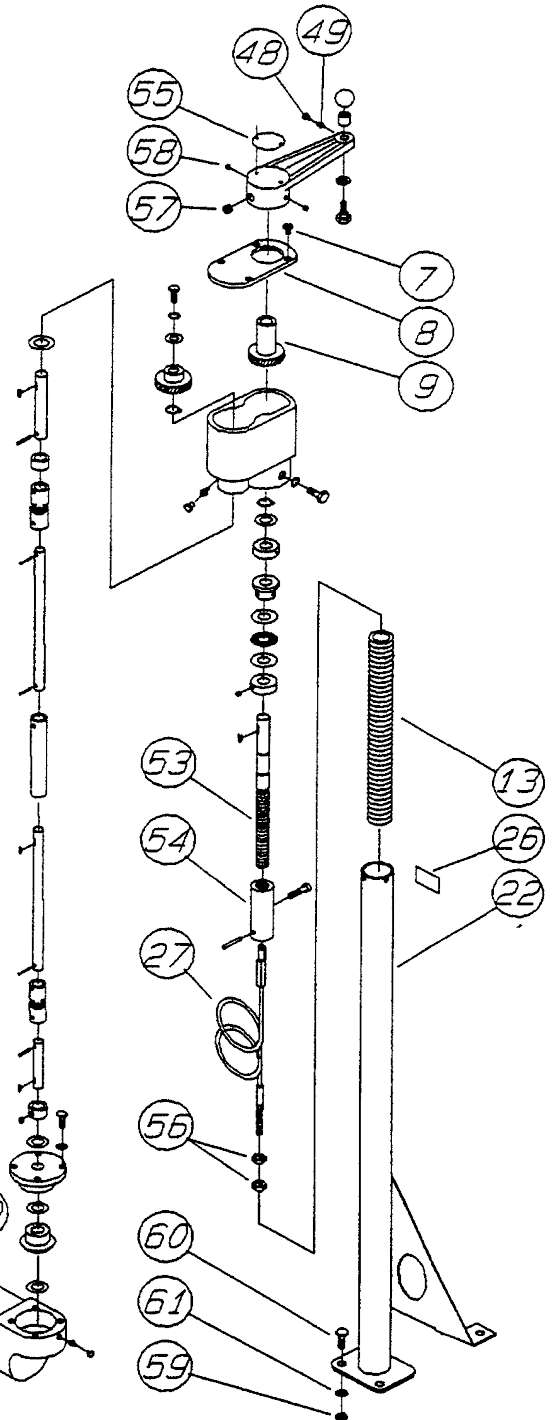
BTO RIDE-ON POWER TROWEL— TWIN PITCH CONTROL ASSY.

TWIN PITCH CONTROL ASSY.

RIGHT SIDE



LEFT SIDE



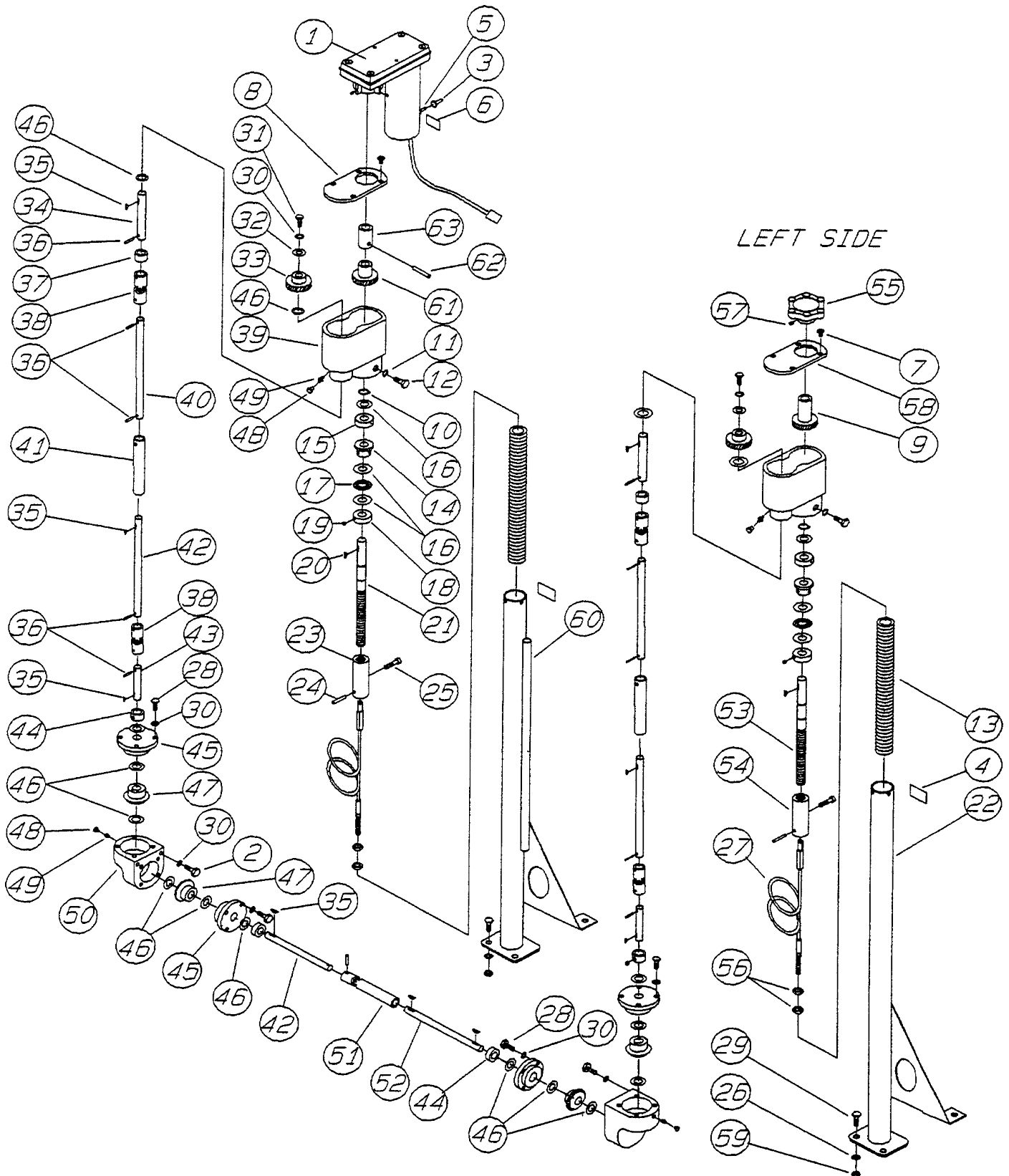
BTO RIDE-ON POWER TROWEL— TWIN PITCH CONTROL ASSY.

TWIN PITCH CONTROL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
47	2062	MITER GEAR	4	
48	1162A	LUBRA- CAP	6	
49	2621	GREASE FITTING	6	
50	1987	MITER BOX	2	
51	2104	SLEEVE	1	
52	2049	SHAFT	1	
53	10511	LEFT SIDE PITCH CONTROL SCREW	1	
54	10722	LEFT SIDE SLIDE BLOCK	1	
55	2332	LEFT SIDE DECAL	1	
56	1116	BRASS JAM NUT	4	
57	0185	SHSS 3/8"- 16 X 3/8"	2	
58	1528	SHSS 1/4"- 20 X 5/16"	4	
59	5283	LOCK NUT 5/16"- 18	8	
60	0202	HHCS 5/16"- 18 X 1"	8	
61	0300B	FLAT WASHER 5/16"	8	

BTO RIDE-ON POWER TROWEL— ELECTRIC PITCH CONTROL ASSY.

ELECTRIC PITCH CONTROL ASSY.



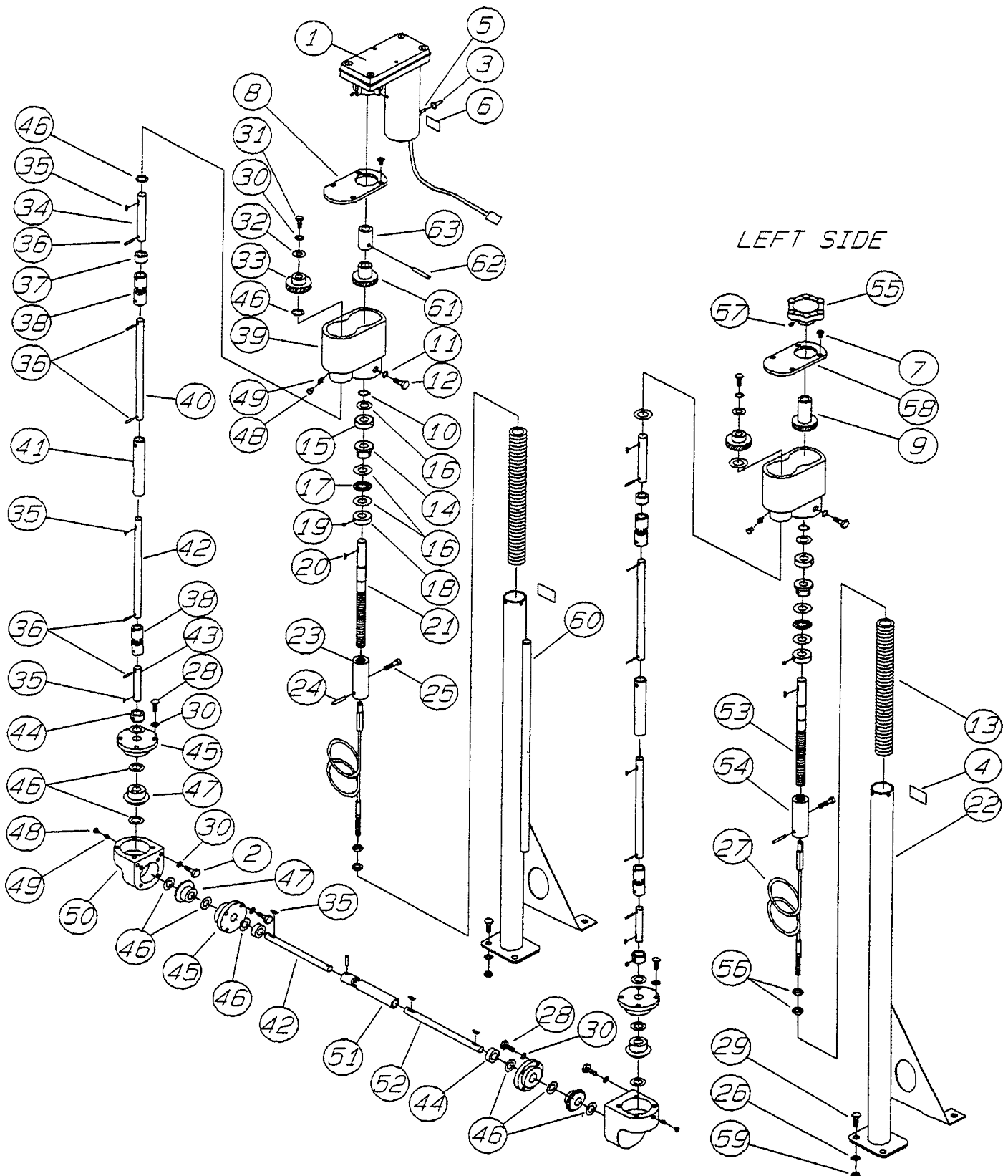
BTO RIDE-ON POWER TROWEL— ELECTRIC PITCH CONTROL ASSY.

ELECTRIC PITCH CONTROL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	10485	POWER HEAD ASSEMBLY	1	
2	4514	HHCS 1/4"- 20 X 5/8"	4	
3	8381	SWITCH BOOT COVER	1	
4	2634	SPRING WARNING DECAL	2	
5	2596	SWITCH	1	
6	2881	BLADE PITCH DECAL	1	
7	2620	BHMS 10- 24 X 5/8"	8	
8	2592	COVER PLATE	1	
9	1529	MASTER GEAR	1	
10	10512	RETAINING RING	2	
11	0161C	LOCK WASHER 5/16"	6	
12	0655	HHCS 5/16"- 18 X 3/4"	6	
13	2156	SPRING	2	
14	1612	BEARING	2	
15	1604	BEARING	2	
16	2170	THRUST WASHER	6	
17	2169	THRUST BEARING	2	
18	2367	SET COLLAR	2	
19	0685	SHSS 5/16"- 18 X 5/16"	2	
20	0126	WOODRUFF KEY #9	2	
21	10623	RIGHT SIDE PITCH CONTROL SCREW	1	
22	10548	LEFT SIDE PITCH CONTROL TUBE	1	
23	10721	RIGHT SIDE SLIDE BLOCK	1	
24	10723	ROLL PIN	2	
25	10382	SHOULDER BOLT 3/8"	2	
26	0300B	FLAT WASHER 5/16"	8	
27	2008	CABLE	2	
28	0730	HHCS 1/4"- 20 X 1"	16	
29	0202	HHCS 5/16"- 18 X 1"	8	
30	0181B	LOCK WASHER 1/4"	22	
31	1579	HHCS 1/4"- 20 X 1/2"	2	
32	0948	FLAT WASHER 1/4"	2	
33	1530	SLAVE GEAR	2	
34	2007	SHAFT	2	
35	1578	WOODRUFF KEY #3	9	
36	1586	ROLL PIN	11	
37	2311	SPACER	2	
38	1536	U- JOINT	4	
39	10546	HOUSING	2	
40	2023	SHAFT	2	
41	2012	SLEEVE	2	
42	2022	SHAFT	3	
43	2021	SHAFT	2	
44	1577	SET COLLAR	4	
45	1988	MITER BOX CAP	4	
46	1733	HARDENED WASHER	16	

BTO RIDE-ON POWER TROWEL— ELECTRIC PITCH CONTROL ASSY.

ELECTRIC PITCH CONTROL ASSY.



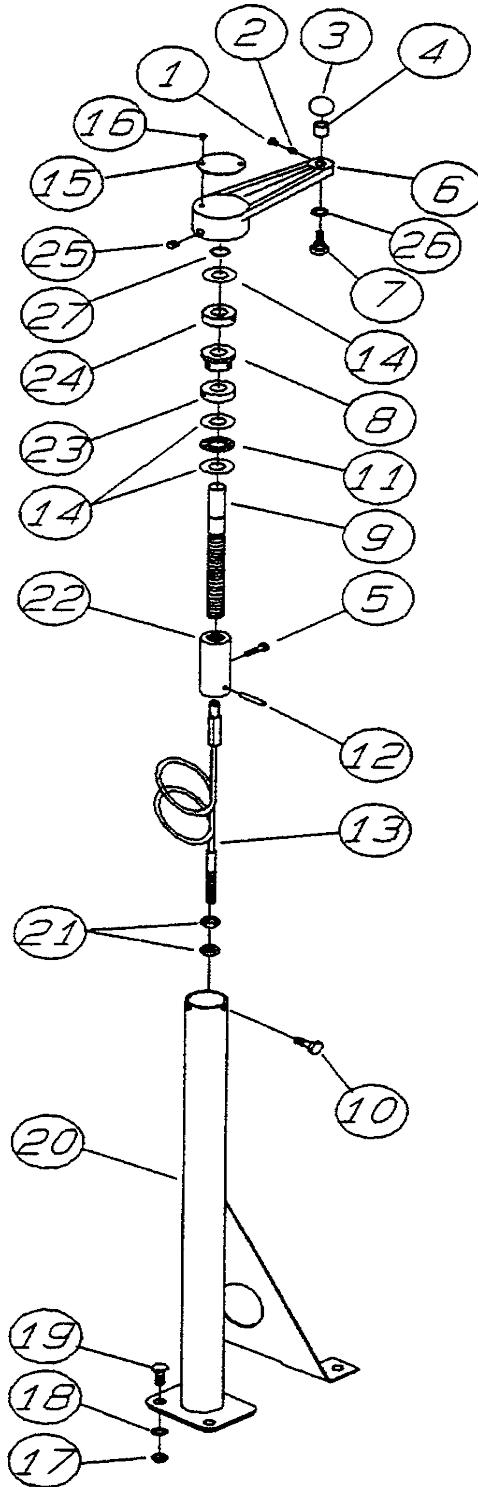
BTO RIDE-ON POWER TROWEL— ELECTRIC PITCH CONTROL ASSY.

ELECTRIC PITCH CONTROL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
47	2062	MITER GEAR	4	
48	1162A	LUBRA- CAP	4	
49	2621	GREASE FITTING	4	
50	1987	MITER BOX	2	
51	2104	SLEEVE	1	
52	2049	SHAFT	1	
53	10510	LEFT SIDE PITCH CONTROL SCREW	1	
54	10722	LEFT SIDE SLIDE BLOCK	1	
55	2591	STAR WHEEL	1	
56	1116	BRASS JAM NUT	4	
57	1528	SHSS 1/4"- 20 X 5/16"	2	
58	2649	COVER PLATE	1	
59	5283	LOCK NUT 5/16"- 18	8	
60	10647	RIGHT SIDE PITCH CONTROL TUBE	1	
61	2698	ELECTRIC PITCH GEAR	1	
62	2695	ROLL PIN	1	
63	2593	SLEEVE ADAPTER	1	

BTO RIDE-ON POWER TROWEL— SINGLE PITCH CONTROL ASSY.

SINGLE PITCH CONTROL ASSY.



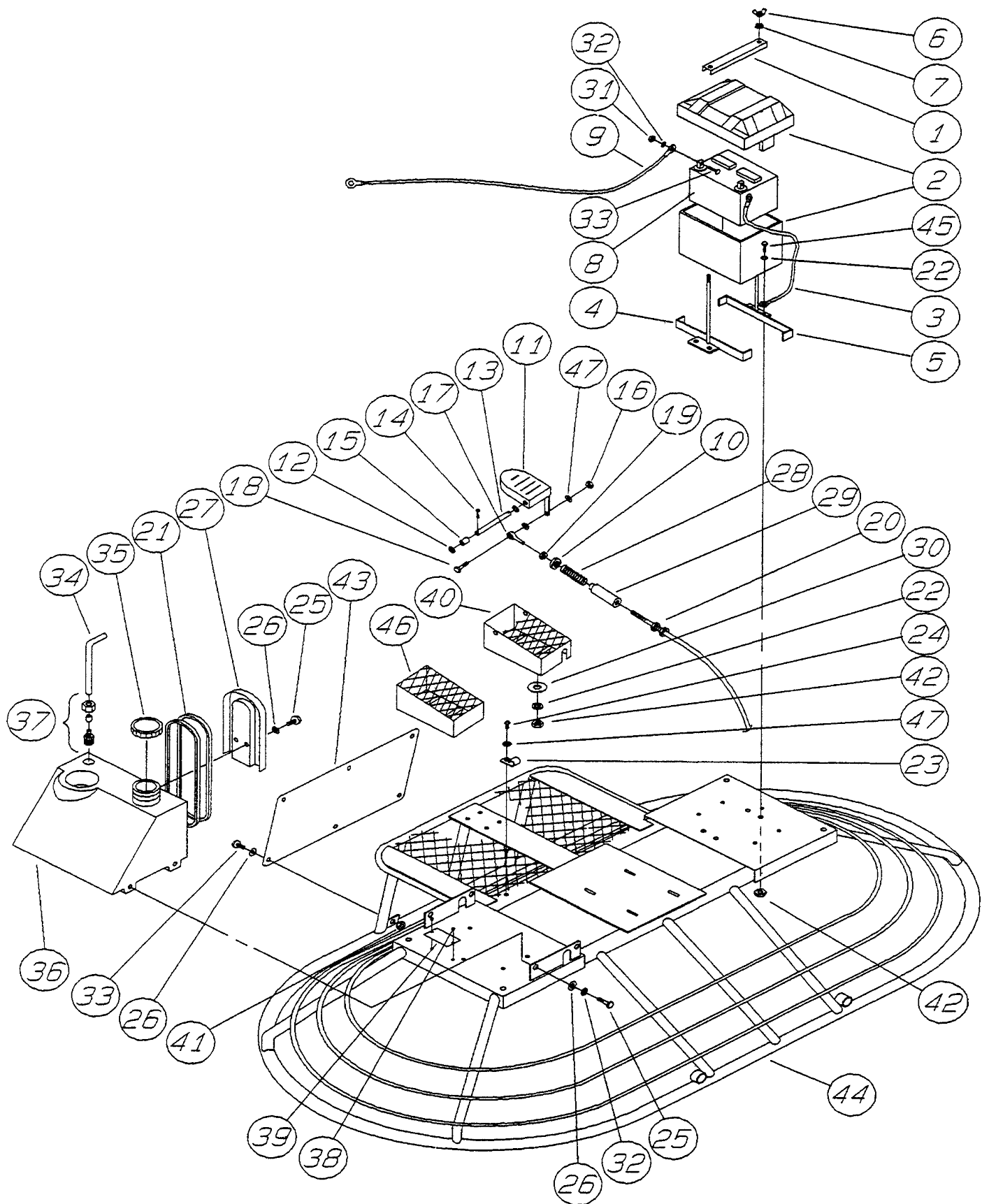
BTO RIDE-ON POWER TROWEL— SINGLE PITCH CONTROL ASSY.

SINGLE PITCH CONTROL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	1162A	LUBRA- CAP	2	
2	2621	GREASE FITTING	2	
3	4403	CRANK KNOB	2	
4	3231	SPACER	2	
5	10382	SHOULDER BOLT 3/8" X 3/8"	2	
6	2575	CRANK LEVER	2	
7	1616	SHOULDER BOLT	2	
8	1111	BEARING	2	
9	10646	TROWEL CONTROL SCREW	2	
10	0786	BHCS 1/4"- 20 X 3/8"	2	
11	2169	THRUST BEARING	2	
12	10723	ROLL PIN	2	
13	2008	CABLE	2	
14	2170	THRUST WASHER	6	
15	2300	PITCH CONTROL DECAL	2	
16	4014	U- DRIVE SCREW 2 X 3/16"	4	
17	5283	LOCK NUT 5/16"- 18	8	
18	0300B	FLAT WASHER 5/16"	8	
19	0202	HHCS 5/16"- 18 X 1"	8	
20	10548	PITCH CONTROL TUBE	2	
21	1116	BRASS JAM NUT	4	
22	10721	SLIDE BLOCK	2	
23	2367	SET COLLAR	2	
24	1604	THRUST BEARING	2	
25	0185	SHSS 3/8"- 16 X 3/8"	2	
26	1733	HARDENED WASHER	2	
27	10512	SNAP RING	2	

BTO RIDE-ON POWER TROWEL — MAIN FRAME ASSY.

MAIN FRAME ASSY.



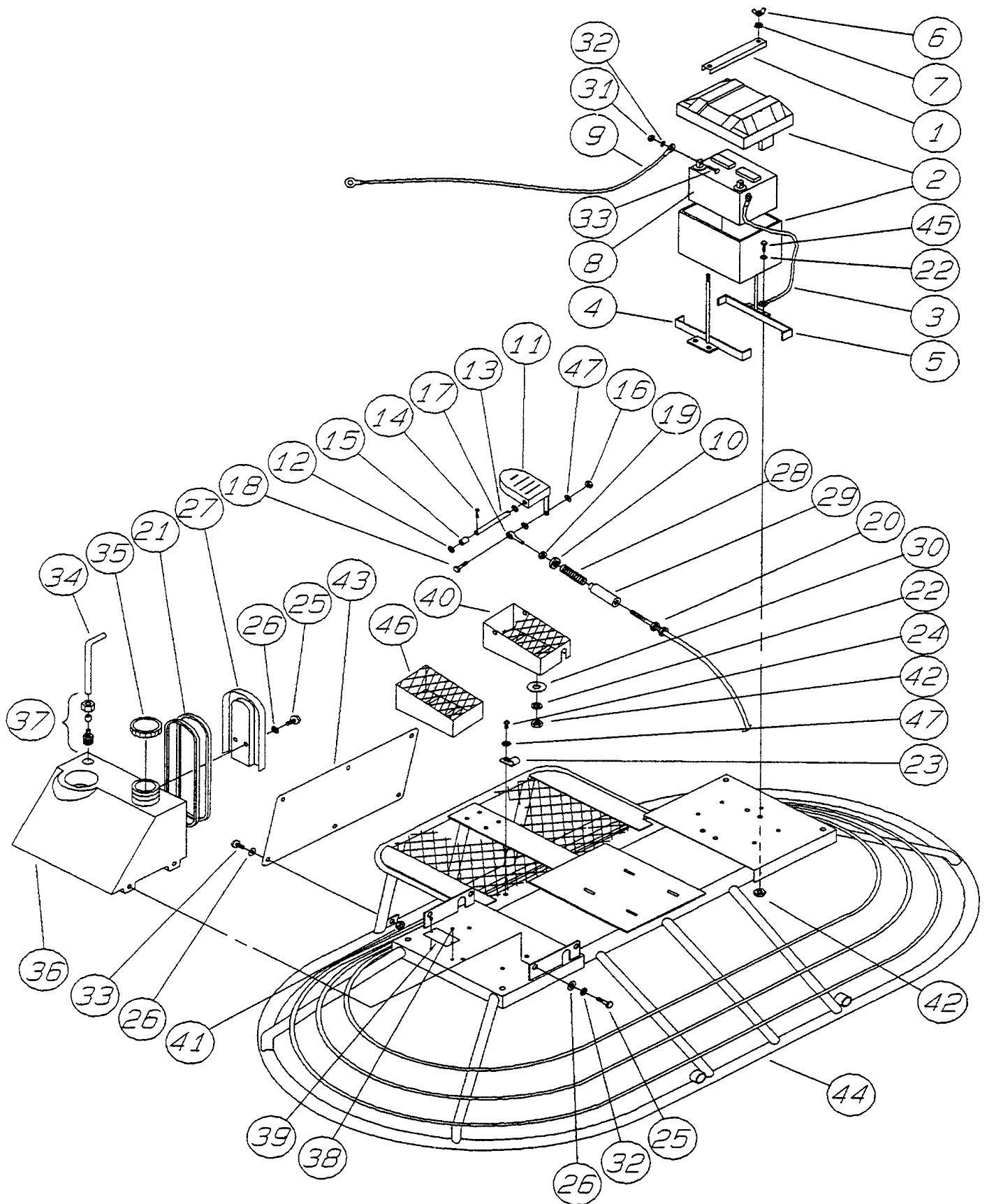
BTO RIDE-ON POWER TROWEL — MAIN FRAME ASSY.

MAIN FRAME ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	11105	BATTERY STRAP (W/BATTERY BOX)	1	
1	2222	BATTERY STRAP (WO/BATTERY BOX)	1	
2	2449	BATTERY BOX	1	
3	1597	NEGATIVE BATTERY CABLE (BLACK)	1	
4	2484	FRONT BATTERY BRACKET (W/BATTERY BOX)	1	
4	2184	FRONT BATTERY BRACKET (WO/BATTERY BOX)	1	
5	2483	REAR BATTERY BRACKET (W/BATTERY BOX)	1	
5	2183	REAR BATTERY BRACKET (WO/BATTERY BOX)	1	
6	2509	WING NUT 1/4"- 20	2	
7	10031	EXT. SHKP. WASHER 1/4"	2	
8	4671	BATTERY 12V (GROUP U- 1)	1	
9	2542	POSITIVE BATTERY CABLE (RED)	1	VANG. MODEL
9	2541	POSITIVE BATTERY CABLE (RED)	1	HONDA MODEL
10	2755	SHORT SPRING ADAPTOR	1	
11	2086	ACCELERATOR PEDAL	1	
12	10136	FLAT WASHER 3/8"	2	
13	2772	PIN	1	
14	6014B	COTTER PIN	2	
15	3083	SPACER	1	
16	10019	LOCK NUT 10- 32	1	
17	2154	SPHERICAL BEARING	1	
18	10018	SHCS 10- 32 X1"	1	
19	0937	HEX NUT 10- 32	1	
20	2124	THROTTLE CABLE	1	VANG. MODEL
20	10568	THROTTLE CABLE	1	HONDA MODEL
21	11064	SPARE BELT (SEE ENGINE PAGE)	2	
22	0300B	FLAT WASHER 5/16"	8	
23	8126	CLAMP	1	
24	5065B	RHMS 10- 32 X 1/2"	1	
25	4514	HHCS 1/4"- 20 X 5/8"	6	
26	0948	FLAT WASHER 1/4"	12	
27	2429	SPARE BELT CARRIER	1	
28	2753	THROTTLE SPRING	1	
29	2754	LONG SPRING ADAPTOR	1	
30	3233	FENDER WASHER	4	

BTO RIDE-ON POWER TROWEL— MAIN FRAME ASSY.

MAIN FRAME ASSY.



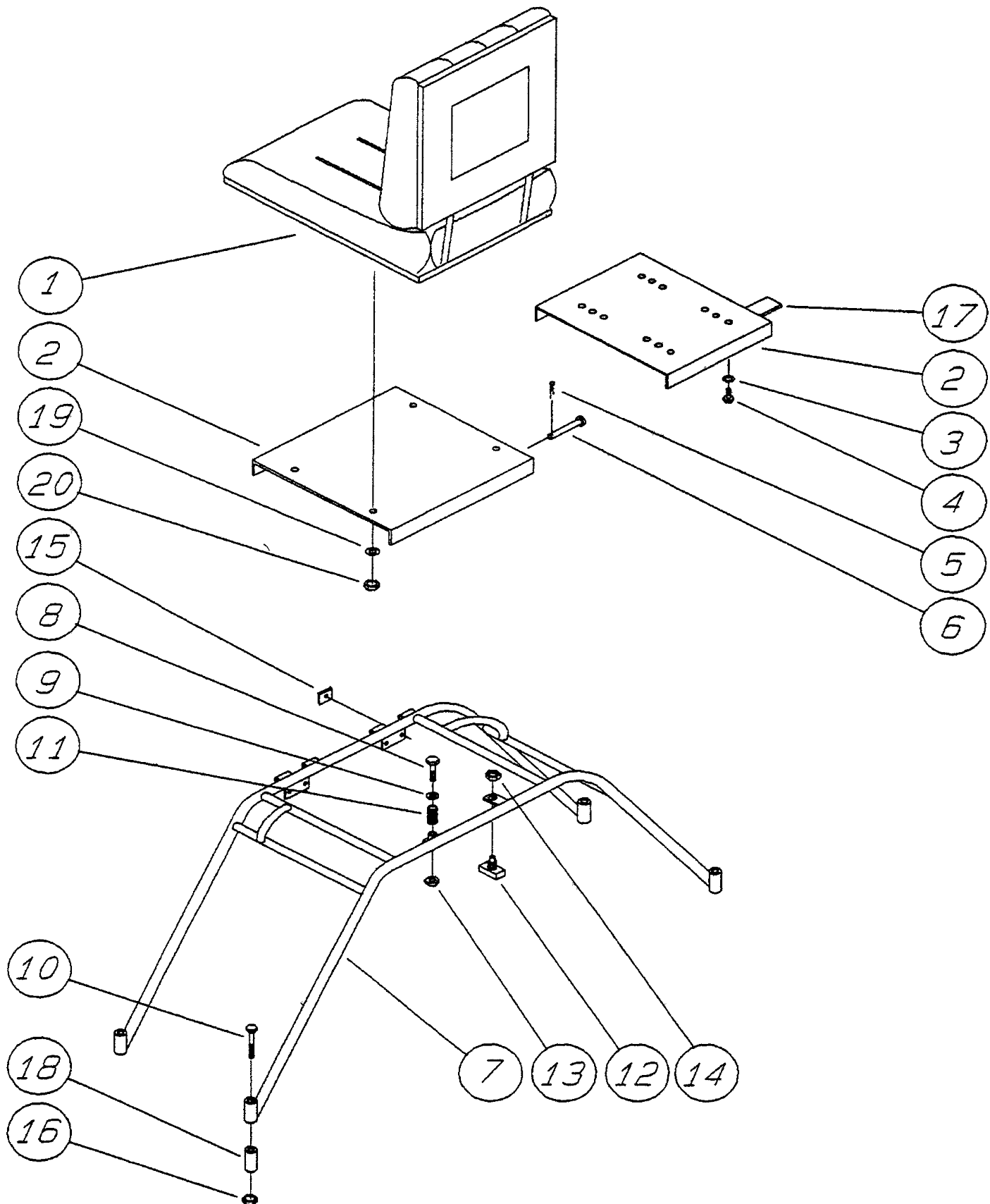
BTO RIDE-ON POWER TROWEL— MAIN FRAME ASSY.

MAIN FRAME ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
31	0949	HEX NUT 1/4- 20	2	
32	0181B	LOCK WASHER 1/4- 20	2	
33	0131A	HHCS 1/4- 20 X 3/4"	8	
34	11016	FUEL PICK- UP TUBE	1	
35	2712	FUEL CAP	1	
36	11003	FUEL TANK	1	
37	19088	FITTING	1	
38	4014	U- DRIVE SCREW 2 X 3/16"	2	
39	2411	SERIAL NUMBER PLATE	1	
40	2774	RIGHT SIDE FOOTREST	1	
41	10024	LOCK NUT 1/4- 20	6	
42	5283	LOCK NUT 5/16- 18	8	
43	2536	FRONT PANEL	1	
44	10638	MAIN FRAME	1	TO KG46645
44	11523	MAIN FRAME	1	FROM KG46646
45	0655	HHCS 5/16- 18 X 3/4"	4	
46	2773	LEFT SIDE FOOTREST	1	
47	2203	FLAT WASHER #10	3	

BTO RIDE-ON POWER TROWEL— SEAT FRAME ASSY.

SEAT FRAME ASSY.



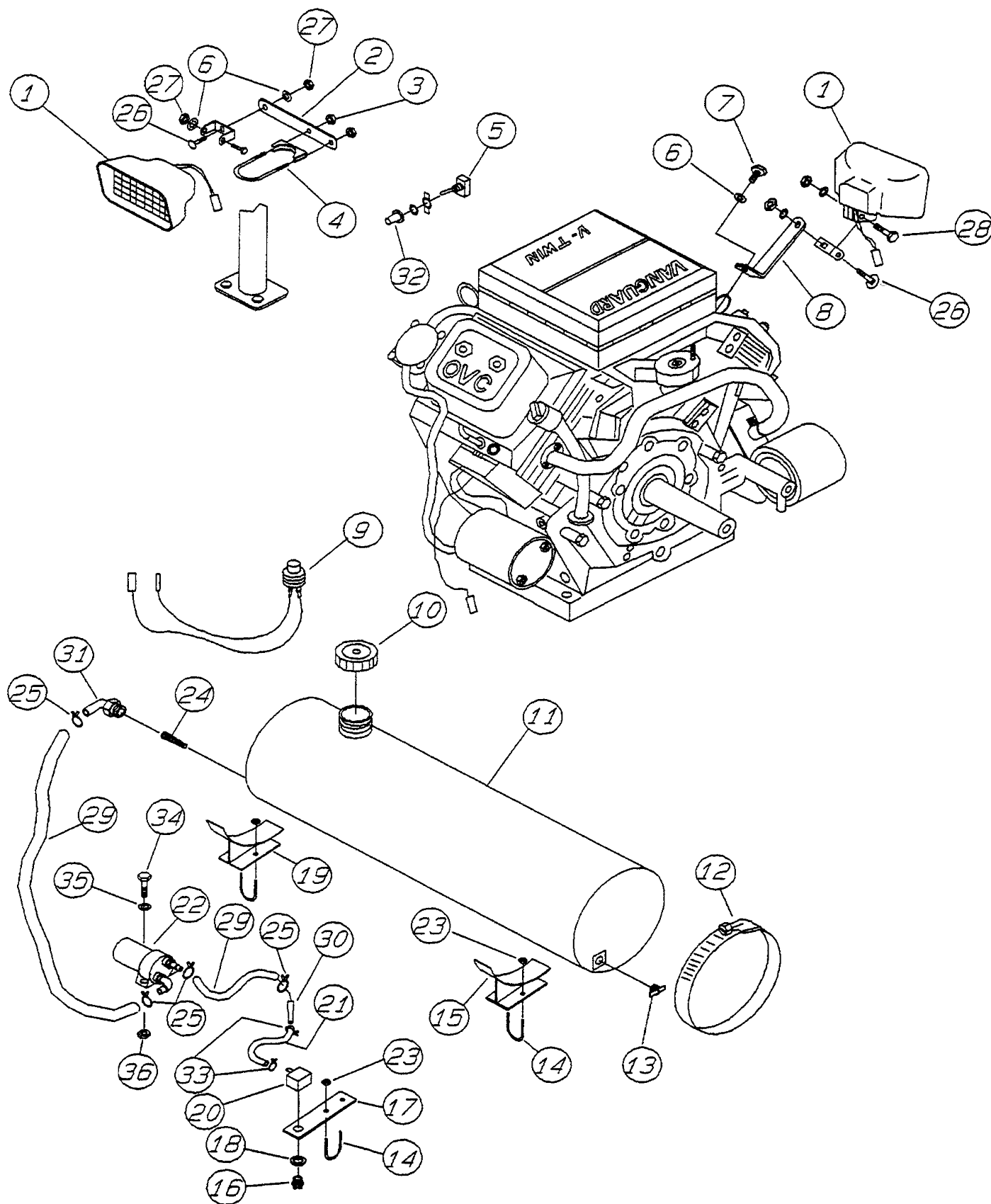
BTO RIDE-ON POWER TROWEL— SEAT FRAME ASSY.

SEAT FRAME ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	2351	SEAT	1	TO KF46011
1	11286	SEAT	1	FROM KF46012
2	2421	SEAT MOUNTING PLATE	1	TO KF46011
2	11472	SEAT MOUNTING PLATE	1	FROM KF46012
3	0161C	LOCK WASHER 5/16"	4	TO KF46011
4	0655	HHCS 5/16-18 X3/4"	4	TO KF46011
5	0183	COTTER PIN	2	
6	8081	CLEVIS PIN	2	
7	2812	SEAT FRAME	1	VANG. MODEL
7	10978	SEAT FRAME	1	HONDA MODEL
8	8156	HHCS 3/8- 16 X 2.1/2"	1	
9	4001	FLAT WASHER 3/8"	1	
10	2549	HHCS 1/2- 13 X 3"	4	VANG. MODEL
10	10306	HHCS 2/3- 13 X 4.1/2"	4	HONDA MODEL
11	2585	COIL SPRING	1	
12	2584	PUSH BUTTON SWITCH	1	
13	10133	LOCK NUT 3/8- 16	1	
14	2906	PANEL NUT	1	
15	10284	CLIP- ON NUT 10- 32	2	
16	10176	LOCK NUT 12- 13	4	
17	2759	SEAT KILL SWITCH ADAPTER	1	HONDA MODEL TO KF46011
18	2893	SPACER	4	HONDA MODEL
19	0300B	FLAT WASHER 5/16"	4	FROM KF46012
20	5283	LOCK NUT 5/16- 18	4	FROM KF46012

BTO RIDE-ON POWER TROWEL— LIGHTS & RETARDANT SPRAY ASSY.

LIGHTS & RETARDANT SPRAY OPTIONS ASSY.



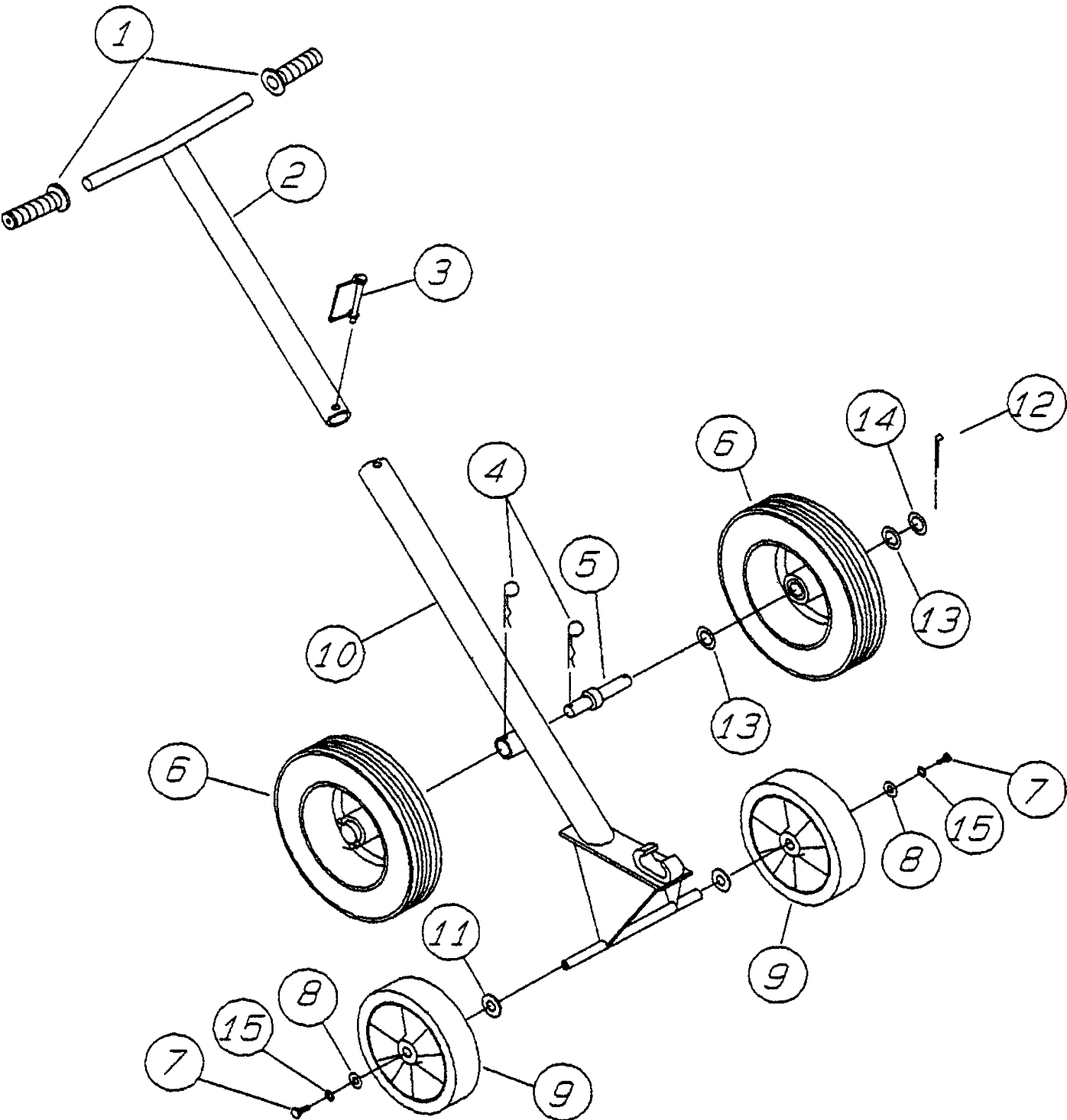
BTO RIDE-ON POWER TROWEL— LIGHTS & RETARDANT SPRAY ASSY.

LIGHTS & RETARDANT SPRAY OPTIONS ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	2896	LIGHT	3	
2	2531	FRONT MOUNTING BRACKET	2	
3	5283	LOCK NUT 5/16- 18	8	
4	2534	CLAMP ASSEMBLY	2	
5	4682	SWITCH	1	
6	0161C	LOCK WASHER 5/16"	7	
7	2299	HHCS M8- 1.25 X 15MM	1	
8	2430	REAR MOUNTING BRACKET	1	
9	2765	RETARDANT SPRAY BUTTON	1	
10	2108	TANK CAP	1	
11	2916	RETARDANT TANK	1	
12	2398	CLAMP	2	
13	2478	DRAIN COCK	1	
14	2399	U- BOLT	2	
15	2887	MOUNTING BRACKET RIGHT	1	
16	392292	SPRAY NOZZLE	1	
17	2873	MOUNTING BRACKET	1	
18	2898	RUBBER WASHER	1	
19	2886	MOUNTING BRACKET LEFT	1	
20	2912	90 DEGREE FITTING	1	
21	2914	HOSE	1	
22	10043	PUMP ASSEMBLY	1	
23	2656	LOCK NUT 5/16- 24	6	
24	2926	STRAINER	1	
25	2918	HOSE CLAMP	4	
26	0655	HHCS 5/16-18 X 3/4"	3	
27	0161D	HEX NUT 5/16-18	6	
28	0300A	HHCS 5/16-18 X 2"	3	
29	2913	LOWER HOSE	1	
30	10022	REDUCER	1	
31	2925	90 DEGREE ELBOW	1	
32	8381	BOOT	1	
33	2930	HOSE CLAMP	2	
34	0131A	HHCS 1/4- 20 X 3/4"	2	
35	0948	FLAT WASHER 1/4"	2	
36	10024	LOCK NUT 1/4- 20	2	

BTO RIDE-ON POWER TROWEL— E-Z MOVER & LIFT HANDLE ASSY.

E- Z MOVER & LIFT HANDLE ASSY.



BTO RIDE-ON POWER TROWEL— E-Z MOVER & LIFT HANDLE ASSY.

E- Z MOVER & LIFT HANDLE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	0189	HAND GRIP	2	
2	2336	E- Z MOVER HANDLE	1	
3	1869	SNAP PIN	1	
4	7170	CLIP	2	
5	10444	DOLLY AXLE	2	
6	10440	WHEEL & TIRE	2	
7	0655	HHCS 5/16- 18 X 3/4"	2	
8	0300B	FLAT WASHER 5/16"	2	
9	2364	WHEEL	2	
10	10445	E- Z MOVER FRAME	1	
11	4684	FLAT WASHER 5/8"	2	
12	0183	COTTER PIN	2	
13	10446	FLAT WASHER 3/4"	4	
14	8151	FLAT WASHER 3/4" SAE	2	
15	10443	SPACER	2	
16	0161C	LOCK WASHER 5/16"	2	