

RIDING TROWEL

MP235



PARTS & DECALS MANUAL

Manual Part #: 075765P | Revision: G
Language: English | Original Instructions



NOTICE

This manual, or a copy of it, must be kept with the machine at all times.
There is a manual storage container located on the machine for your convenience.

RIDING TROWEL

PARTS & DECALS MANUAL

This manual covers the Riding Trowel model listed below:

<u>Part No.</u>	<u>Description</u>
073900	RIDER, MP235

For more information regarding the following, please see “MP235 Safety & Operations Manual”

- Warranty information
- Dealer information
- How to identify the model/serial numbers on the machine
- Technical specifications

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SECTION 1: PARTS

SECTION 1 PARTS

Factory Service Information

This section contains illustrated drawings and parts list for help in identifying and/or ordering replacement parts for your machine. Follow the instructions in the Replacement Parts Procedure section of this manual when ordering replacement parts to insure prompt and accurate delivery.

The Right Hand (RH) and/or Left Hand (LH) orientations are defined from the operator's point of view while sitting on the machine (SOM).

NOTE

All set screws have blue (LOC-TITE™) applied at the factory. If set screw is removed or loosened for any reason re-apply blue (LOC-TITE™).

NOTE

All grease fittings are capped with CAP PLUG GC-5 (AEC PN 015692) to protect the fitting. If cap becomes missing or damaged replace it as soon as possible.

NOTE

Anti-Seize is applied at the factory to all drive line coupling, gear box main and counter shafts and pitch control threaded rod assemblies. If these parts are disassembled re-apply a light coat of a graphite based anti-seize.

We recommend AEC quality replacement parts, these are available from the AEC Customer Service Department or your nearest AEC Dealer.

Part numbers are subject to change without notice. Part numbers might be different outside of the United States of America. Use part numbers listed in the applicable parts list table when you place your order. If a part number changes, the AEC Customer Service Department or your nearest AEC dealer will have the latest part number for the replacement part.

Remember when you order replacement parts, you will need your model number and serial number. These are the numbers that you have recorded in the UNIT ID section of the Safety and Operations manual. Please order replacement parts by the appropriate part number, not the key number.

This manual contains an illustrated parts list for help in ordering replacement parts for your machine. Follow the instructions below when ordering parts to insure prompt and accurate delivery:

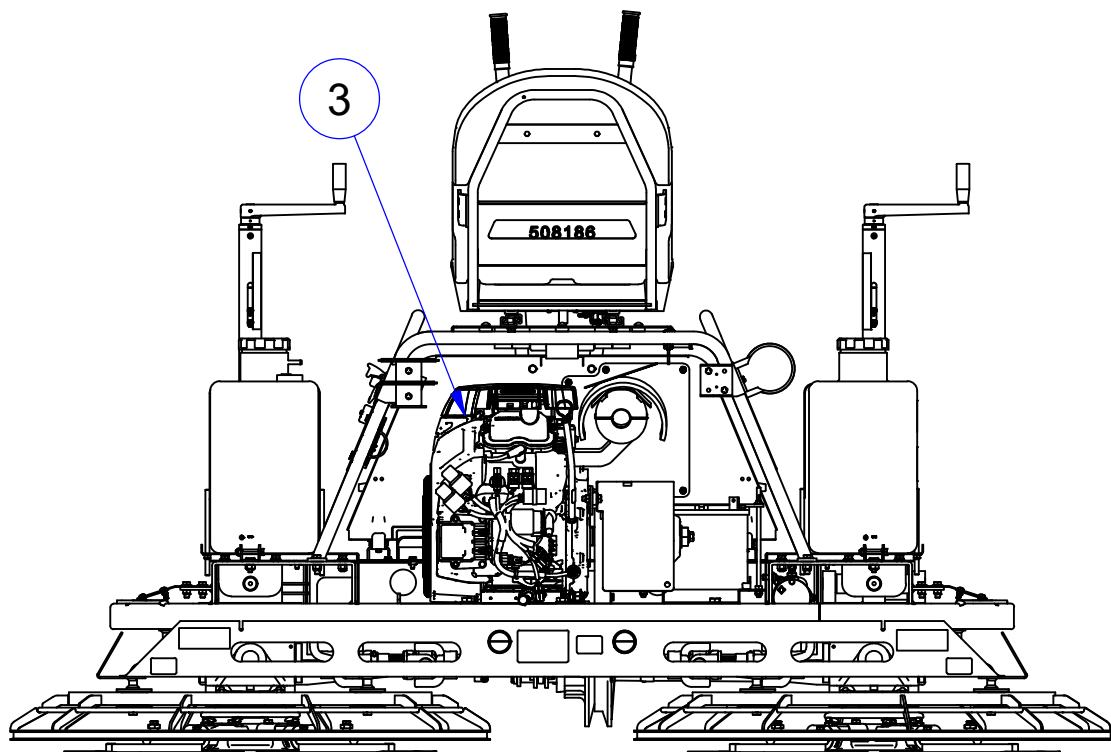
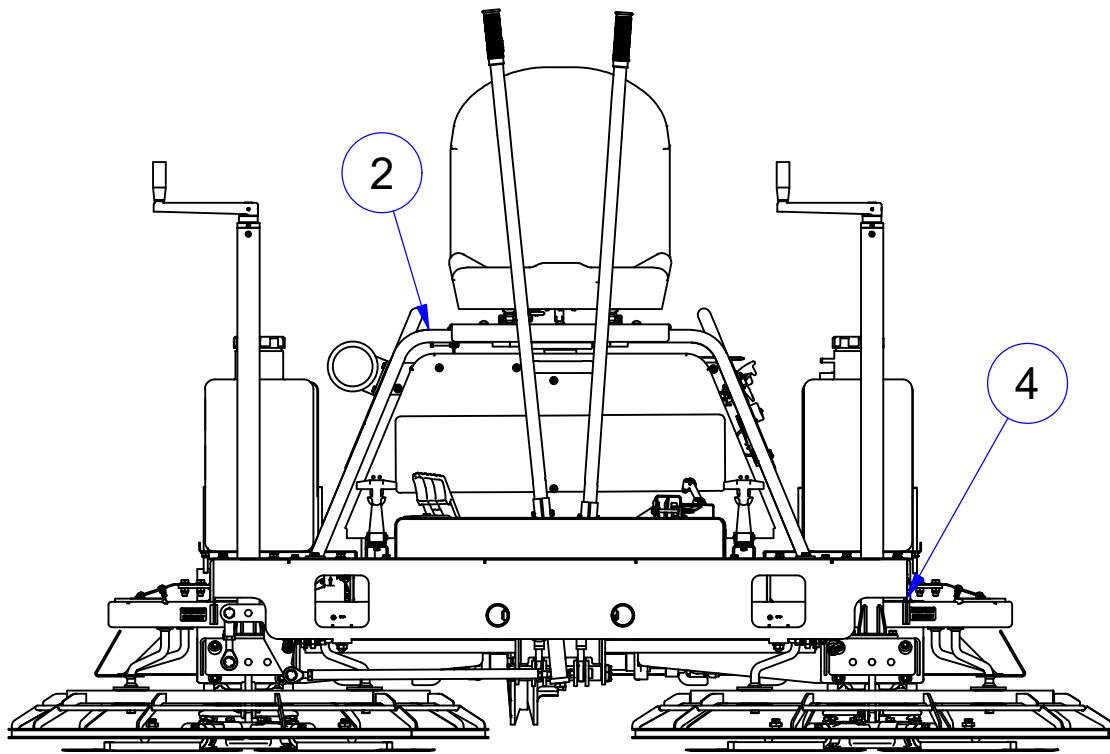
1. All orders for service parts must include the serial number for the machine. Shipment will be delayed if this information is not available.
2. Include the correct description and part number from Parts Section 1.
3. Specify exact shipping instructions, including the preferred routing and complete destination address
4. DO NOT return parts to AEC without receiving written authorization from AEC. All authorized returns must be shipped pre-paid.
5. When placing an order please contact the AEC dealer nearest to you.



All information, specifications, and illustrations in this manual are subject to change without notice and are based on the latest information at the time of publication.

SECTION 1 PARTS

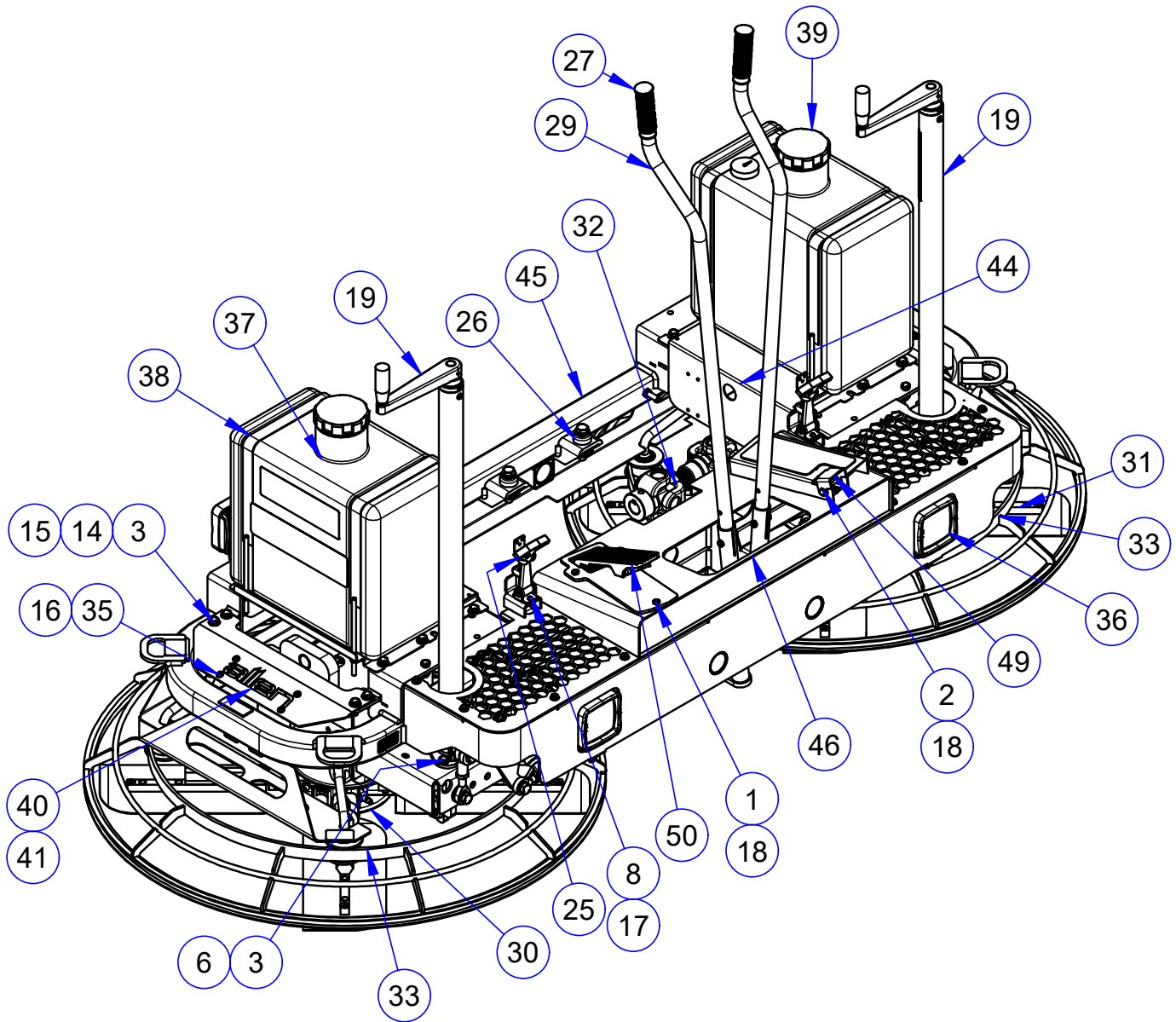
General Arrangement (073900)

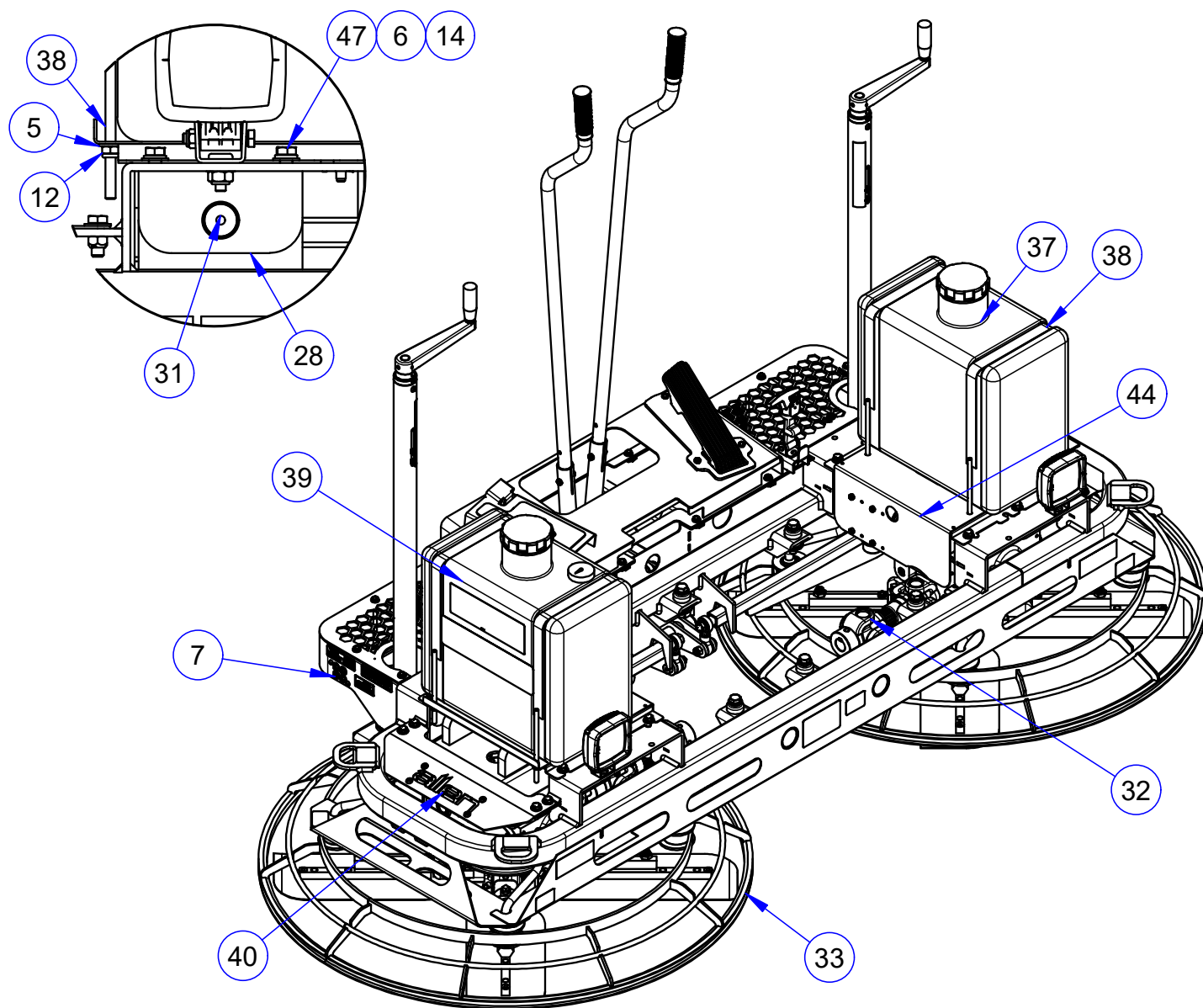


ITEM	PART NO.	DESCRIPTION	QTY
1	053222	HARNESS, LIGHTS	1
2	073462	SEAT FRAME ASSEMBLY MP235	1
3	073470	POWER UNIT ASSEMBLY MP235	1
4	073990	MAIN FRAME ASSEMBLY, MP235	1
5	074093	KIT, DECAL MP235	1
6	074139	KIT, SPRAY AND LUBRICATION	1
7	074404	HARNESS, ELECTRICAL FOR MP RIDERS	1

SECTION 1 PARTS

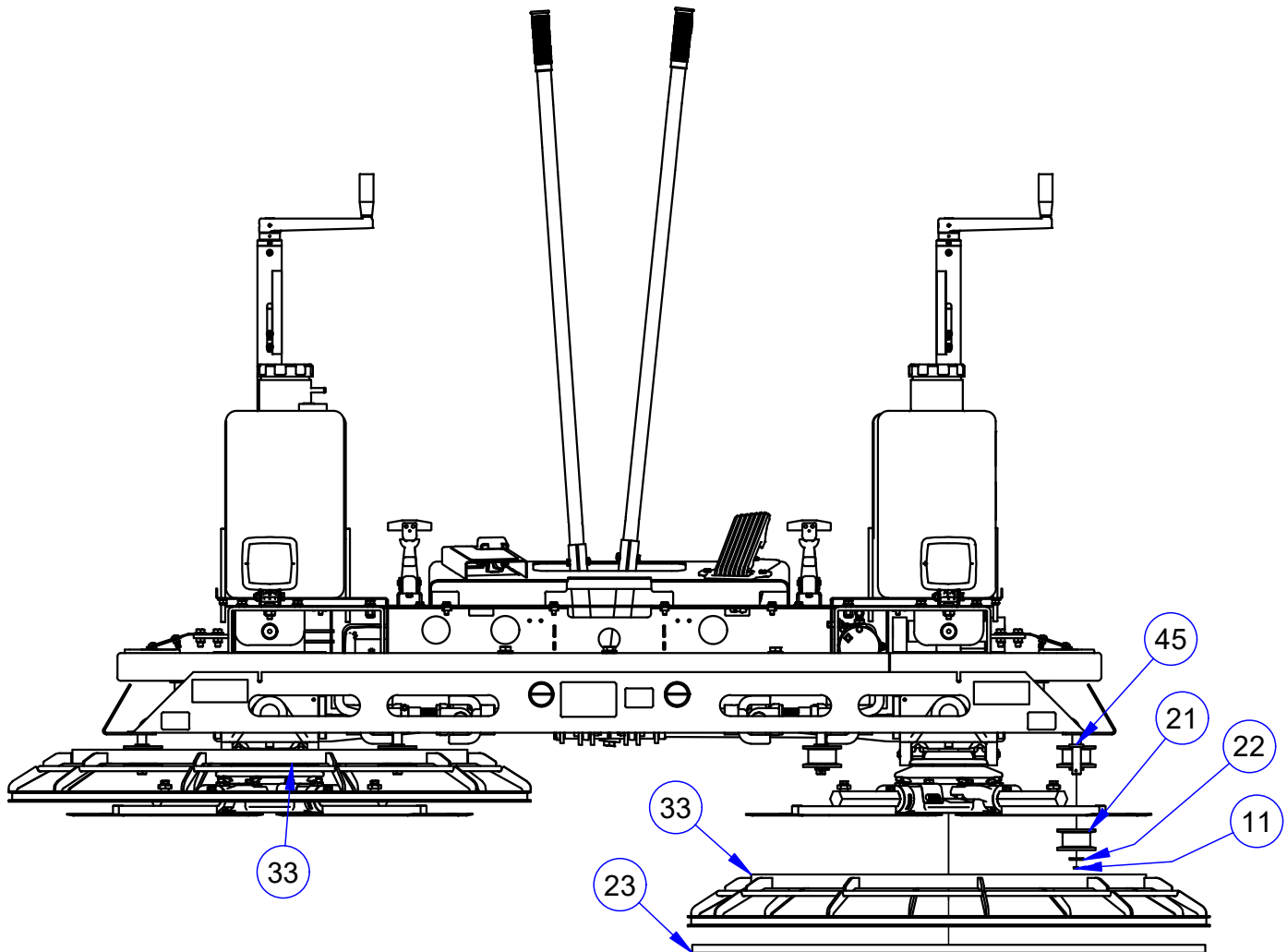
Main Frame Assembly (073990)

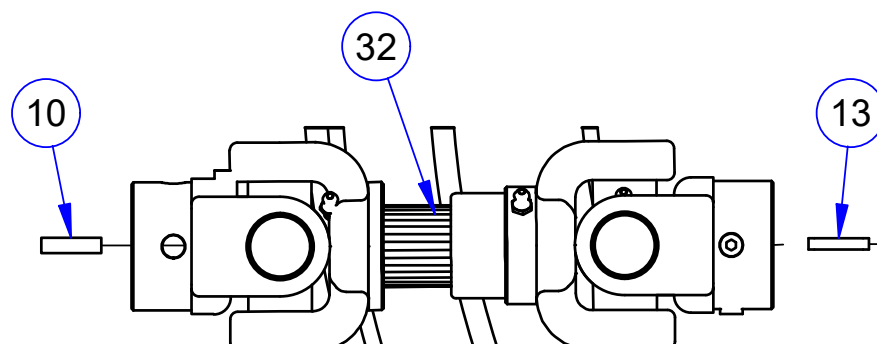




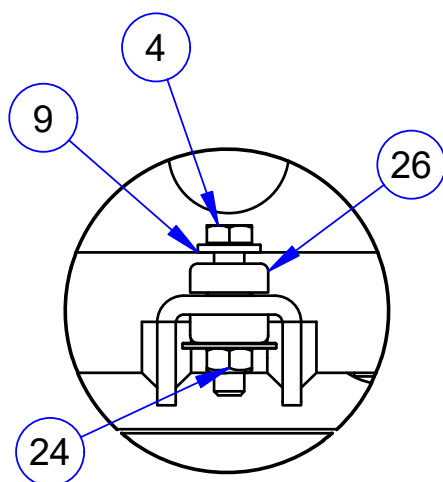
SECTION 1 PARTS

Main Frame Assembly (073990)

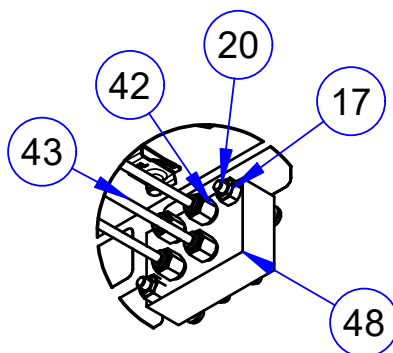




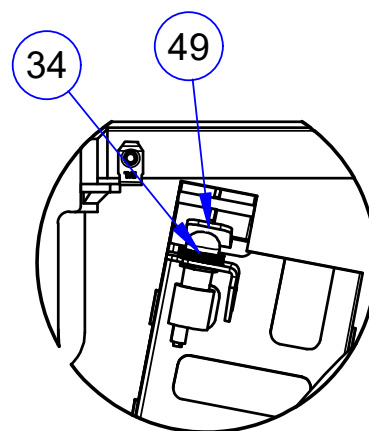
**DETAIL:
U-JOINT**



**DETAIL:
POWER UNIT
MOUNT**



**DETAIL:
GREASE BLOCK**



**DETAIL:
SPRAY BUTTON**

SECTION 1 PARTS

Main Frame Assembly (073990) Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	010002	FASTENER, HHCS 1/4-20 X 3/4	21
2	010009	FASTENER, HHCS 1/4-20 X 2 1/2	1
3	010036	FASTENER, HHCS 3/8-16 X 1	20
4	010073	FASTENER, HHCS 1/2-13 X 2-1/2	6
5	010082	FASTENER, FW 5/16	8
6	010091	FASTENER, LW 3/8	18
7	010513	FITTING, 1/4-28 STR GREASE	4
8	010568	FUEL ASSEMBLY SCREW 10-32 X 1/2	4
9	011490	FASTENER, FW 1/2	6
10	011791	KEY, 1/4 SQ X 1 LONG MACHINE	2
11	012361	PIN, COTTER 1/8 X 1	10
12	012612	FASTENER, HEX NUT NYLOCK 5/16-18	9
13	015813	KEY, 3/16" SQ X 1" LG WITH RADI ENDS	2
14	017751	FASTENER, FW 3/8	21
15	020514	FASTENER, HEX NUT STOVER LOCK 3/8-16	8
16	020542	FASTENER, HEX NUT STOVER LOCK 1/4-20	10
17	029568	FASTENER, HEX NUT 10-32 NYLOCK	10
18	029671	FASTENER, HEX NUT 1/4-20 NYLOCK	4
19	032370	ASSEMBLY, PITCH CONTROL	2
20	036791	FASTENER, SCREW 10-32 X 3/8	2
21	037264	ASSEMBLY, ROLLER	8
22	037422	WASHER, ROLLER RETAINING	8
23	039211	BELT, URETHANE A/13 X 111"	2
24	040208	FASTENER, HEX NUT 1/2-13 STOVER	9
25	042260	LATCH, T-HANDLE EXTRA-LARGE DRAW	2
26	046744	MOUNT, ISOLATOR 90#	6
27	048354	GRIP, Ø1 BLACK HANDLE	2
28	048561	ASSEMBLY, BEARING BLOCK F/ ROTOR MOUNT	4
29	048896	JOYSTICK, STEERING	2
30	053162	ROTOR ASSEMBLY, RH	1
31	053164	ROTOR ASSEMBLY, LH	1
32	053172	U-JOINT	2
33	061078	WELDMENT, RING LOWER	2
34	068956	SWITCH, MOMENTARY	1
35	069737	FASTENER, SCREW PAN HEAD 1/4-20 X 3/4	8
36	069835	LIGHT, LED 1200 LUMENS 12 VDC (1.5 AMP)	4
37	071536	TANK, 7 GALLON RETARDANT ASSEMBLY	1

Main Frame Assembly (073990) Parts List Continued

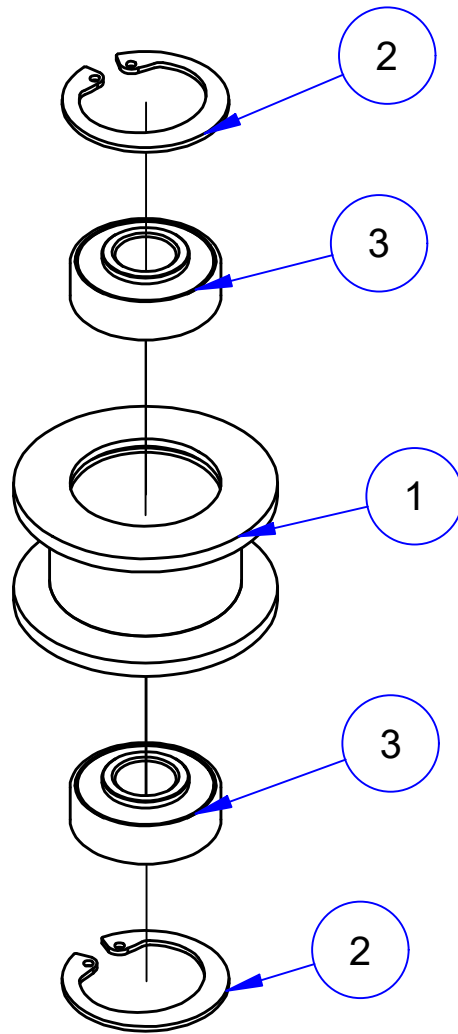
SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
38	071568	STRAP HOLD DOWN, FOR 6 & 7 GALLON TANK	4
39	072854	TANK, 7 GALLON FUEL ASSEMBLY	1
40	073482	PLATE, ROTOR COVER	2
41	073483	PLATE, BACKER FOR SMALL BRANDING PLATES	2
42	073815	FITTING, PUSH IN STRAIGHT FOR 4MM TUBING	4
43	073819	TUBING, 4 MM PLASTIC FOR GREASE LINE	15FT
44	073947	MOUNTING PLATE F/ TANK MP235	2
45	073991	WELDMENT, MAIN FRAME MP235	1
46	073998	FRONT DECK, FOR MP235	1
47	074068	FUEL ASSEMBLY HHCS 3/8-16 X 1	8
48	074337	BLOCK, MANIFOLD GREASE PORTS	1
49	076300	WELDMENT, PEDAL WATER SWITCH FOR RIDERS	1
50	*081377	PEDAL ELECTRONIC, FLOOR MOUNT WITH HALL EFFECT SWITCH	1

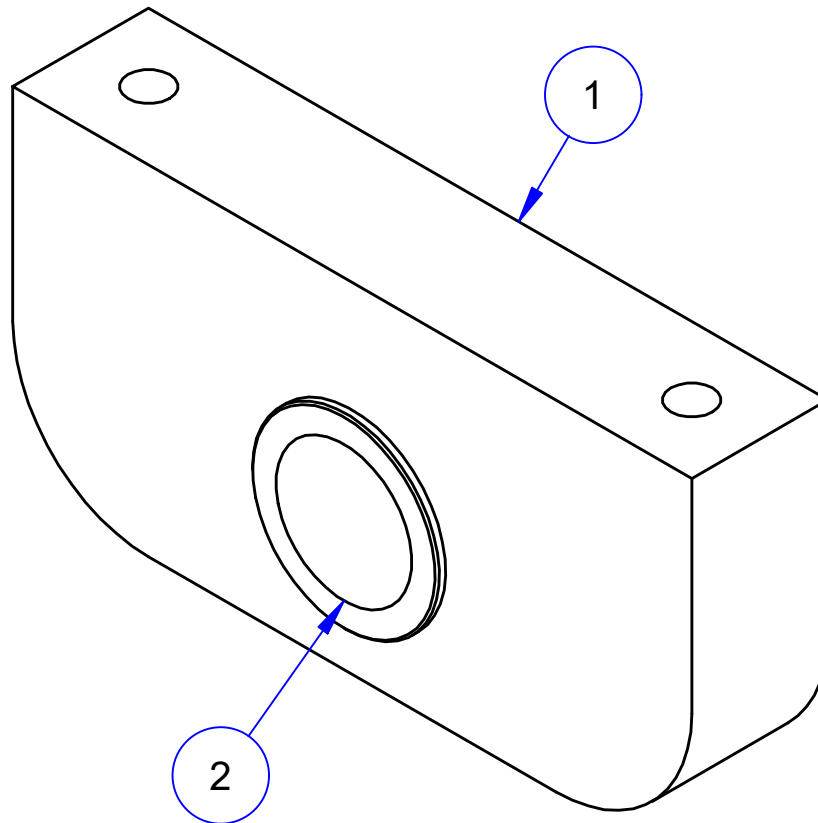
*Note: Rev G Foot pedal changed from 063341 to 081377

SECTION 1 PARTS

Roller Assembly (037264)

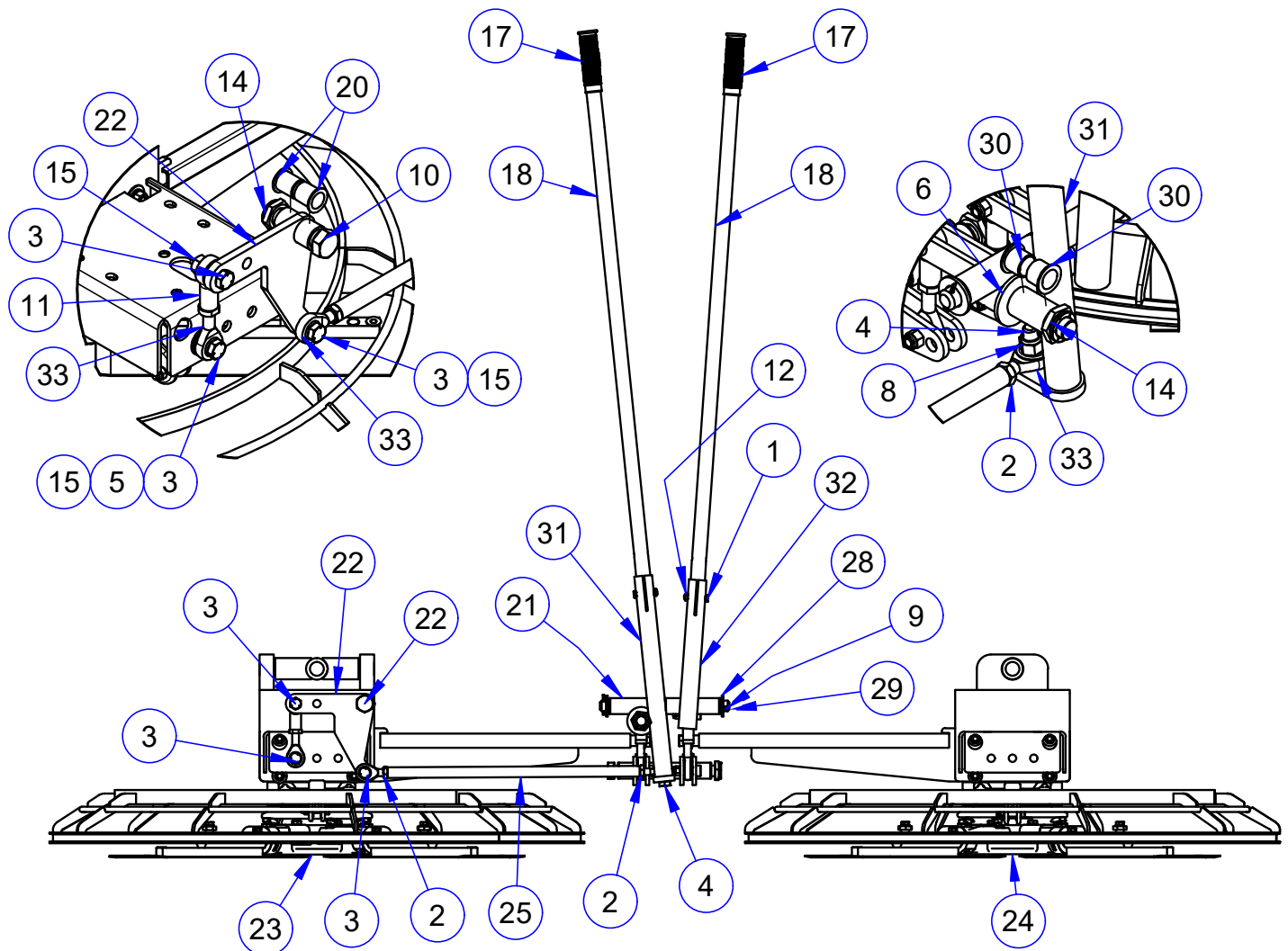


ITEM	PART NO.	DESCRIPTION	QTY
1	037265	ROLLER HOUSING FOR EDGERS	1
2	037266	SNAP RING	2
3	037267	BEARING, FOR EDGER ROLLER	2



ITEM	PART NO.	DESCRIPTION	QTY
1	048559	BLOCK, BEARING HOUSING FOR CROSSHEAD	1
2	048560	BEARING, Ø1 ID PLASTIC FLANGE	1

Steering System



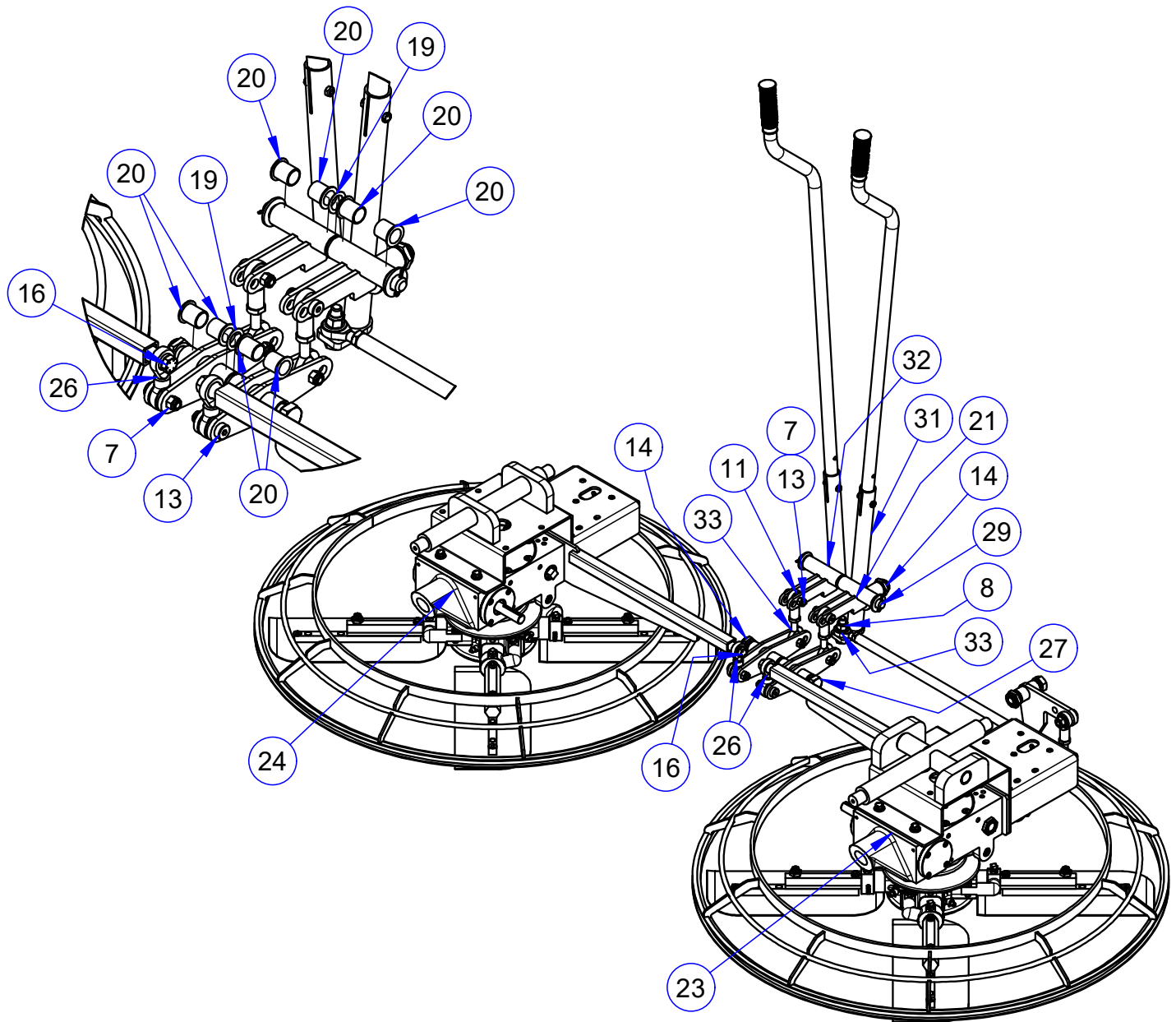
Steering System Parts List

SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010005	FASTENER, HHCS 1/4-20 X 1-1/2	2
2	010051	FASTENER, NUT 1/2-20 JAM HEX	2
3	010069	FASTENER, HHCS 1/2-13 X 1-1/2	3
4	010071	FASTENER, HHCS 1/2-13 X 2	1
5	010085	FASTENER, FW 1/2	2
6	010087	FASTENER, FW 3/4	1
7	010464	FASTENER, HEX NUT NYLOCK 3/8-16	12
8	011238	FASTENER, HEX NUT HEX NYLOCK 1/2-13	1
9	012361	PIN, COTTER 1/8 X 1	10
10	016510	FASTENER, HHCS 3/4-10 X 2 1/2	1
11	019900	ROD END, FEMALE 1/2	3
12	020542	FASTENER, HEX NUT STOVER 1/4-20	10
13	026267	FASTENER, SHLDR BOLT 3/8-16 X Ø1/2 X 1 LONG	6
14	026447	FASTENER, HEX NUT 3/4-10 SELFLOCK THIN	3
15	040208	FASTENER, HEX NUT 1/2-13 STOVER	9
16	047480	FASTENER, HHCS 1/2-20 X 1-1/4	2
17	048354	GRIP, Ø1 BLACK HANDLE	2
18	048896	JOYSTICK, STEERING	2
19	048928	SHIM, 3/4 ID X 1-1/8 OD WEAR	2
20	048929	BEARING, Ø3/4 ID PLASTIC FLANGE	10
21	053111	WELDMENT, LEVER STEERING RH	1
22	053124	WELDMENT, STEERING FULCRUM	1
23	053162	ROTOR ASSEMBLY, RH	1
24	053164	ROTOR ASSEMBLY, LH	1
25	053174	SHAFT, 18" LONG STEERING LINKAGE	1
26	053183	STEERING LINK, SHORT	2
27	056636	FASTENER, HHCS 3/4-10 X 7 1/2	1
28	059776	FASTENER, FW 3/4	2
29	069965	PIVOT ROD	1
30	070592	BEARING, Ø3/4 ID PLASTIC FLANGE X 3/4" LONG	2
31	073903	WELDMENT, STEERING TUBE RH MP215	1
32	073906	WELDMENT, LEVER STEERING LH	1
33	221408	ROD END, MALE 1/2"	5

SECTION 1 PARTS

Steering System Continued



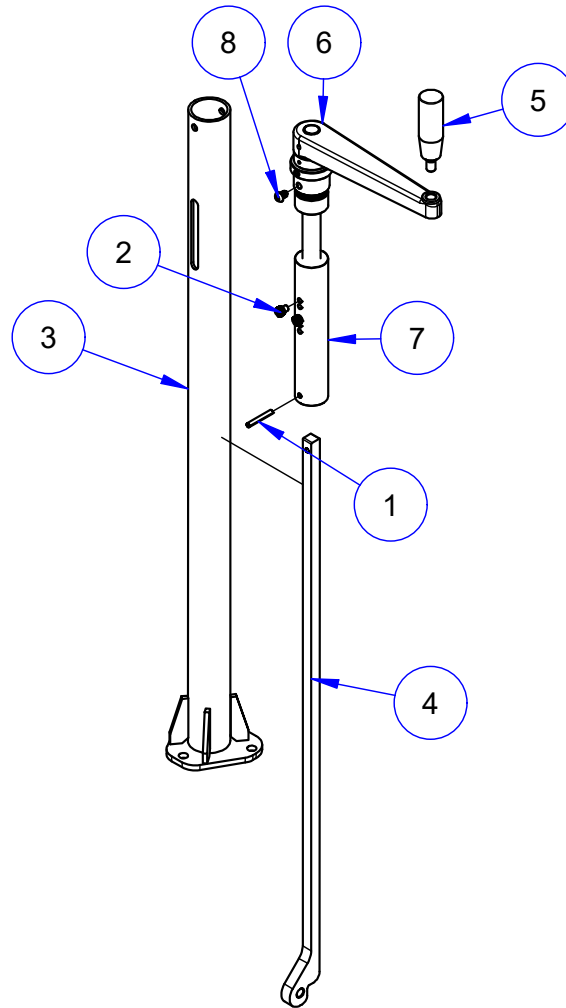
Steering System Parts List

SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010005	FASTENER, HHCS 1/4-20 X 1-1/2	2
2	010051	FASTENER, NUT 1/2-20 JAM HEX	2
3	010069	FASTENER, HHCS 1/2-13 X 1-1/2	3
4	010071	FASTENER, HHCS 1/2-13 X 2	1
5	010085	FASTENER, FW 1/2	2
6	010087	FASTENER, FW 3/4	1
7	010464	FASTENER, HEX NUT NYLOCK 3/8-16	12
8	011238	FASTENER, HEX NUT HEX NYLOCK 1/2-13	1
9	012361	PIN, COTTER 1/8 X 1	10
10	016510	FASTENER, HHCS 3/4-10 X 2 1/2	1
11	019900	ROD END, FEMALE 1/2	3
12	020542	FASTENER, HEX NUT STOVER 1/4-20	10
13	026267	FASTENER, SHLDR BOLT 3/8-16 X Ø1/2 X 1 LONG	6
14	026447	FASTENER, HEX NUT 3/4-10 SELFLOCK THIN	3
15	040208	FASTENER, HEX NUT 1/2-13 STOVER	9
16	047480	FASTENER, HHCS 1/2-20 X 1-1/4	2
17	048354	GRIP, Ø1 BLACK HANDLE	2
18	048896	JOYSTICK, STEERING	2
19	048928	SHIM, 3/4 ID X 1-1/8 OD WEAR	2
20	048929	BEARING, Ø3/4 ID PLASTIC FLANGE	10
21	053111	WELDMENT, LEVER STEERING RH	1
22	053124	WELDMENT, STEERING FULCRUM	1
23	053162	ROTOR ASSEMBLY, RH	1
24	053164	ROTOR ASSEMBLY, LH	1
25	053174	SHAFT, 18" LONG STEERING LINKAGE	1
26	053183	STEERING LINK, SHORT	2
27	056636	FASTENER, HHCS 3/4-10 X 7 1/2	1
28	059776	FASTENER, FW 3/4	2
29	069965	PIVOT ROD	1
30	070592	BEARING, Ø3/4 ID PLASTIC FLANGE X 3/4" LONG	2
31	073903	WELDMENT, STEERING TUBE RH MP215	1
32	073906	WELDMENT, LEVER STEERING LH	1
33	221408	ROD END, MALE 1/2"	5

SECTION 1 PARTS

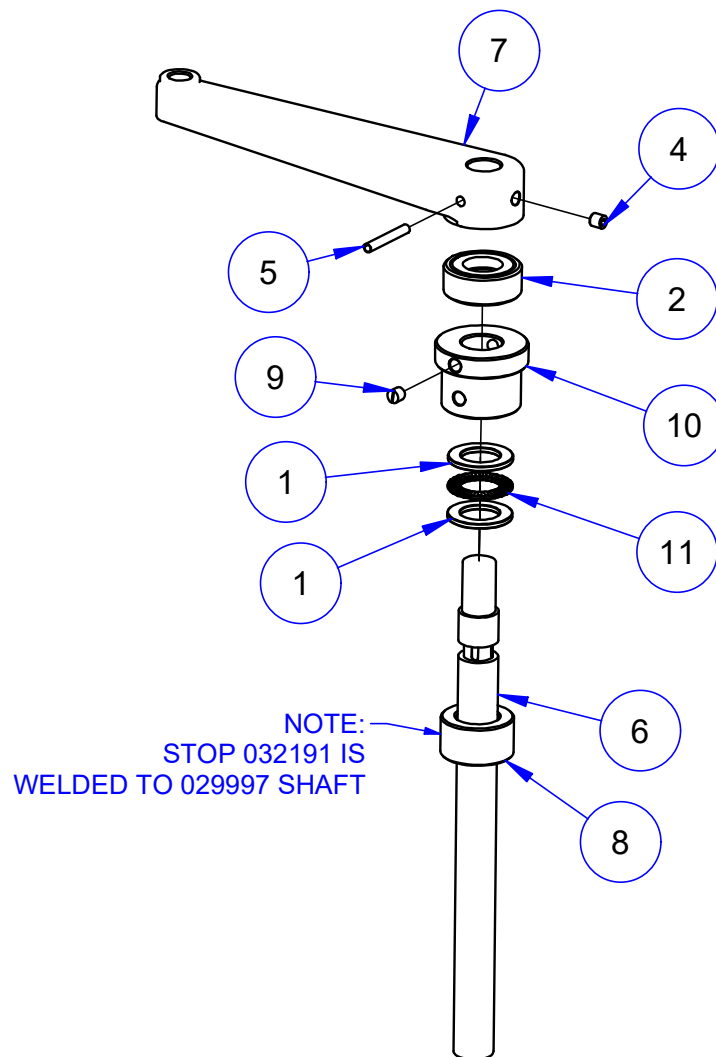
Pitch Control Assembly (032370)



ITEM	PART NO.	DESCRIPTION	QTY
1	015747	PIN, ROLL 3/16 X 1-3/8	1
2	015768	FASTENER, SHCS 1/4-20 X 1/4	2
3	026420	WELDMENT, PRO PITCH CONTROL TUBE	1
4	029822	PITCH CONTROL SHAFT	1
5	032115	KNOB, PITCH CONTROL HANDLE	1
6	061529	CRANK HANDLE AND SCREW SHAFT	1
7	075902	BUSHING, SLIDE PITCH CONTROL	1
8	078505	FASTENER, SCREW HEX DRIVE 1/4"-20 X 3/8	2

Crank Handle and Screw Shaft Assembly (061529)

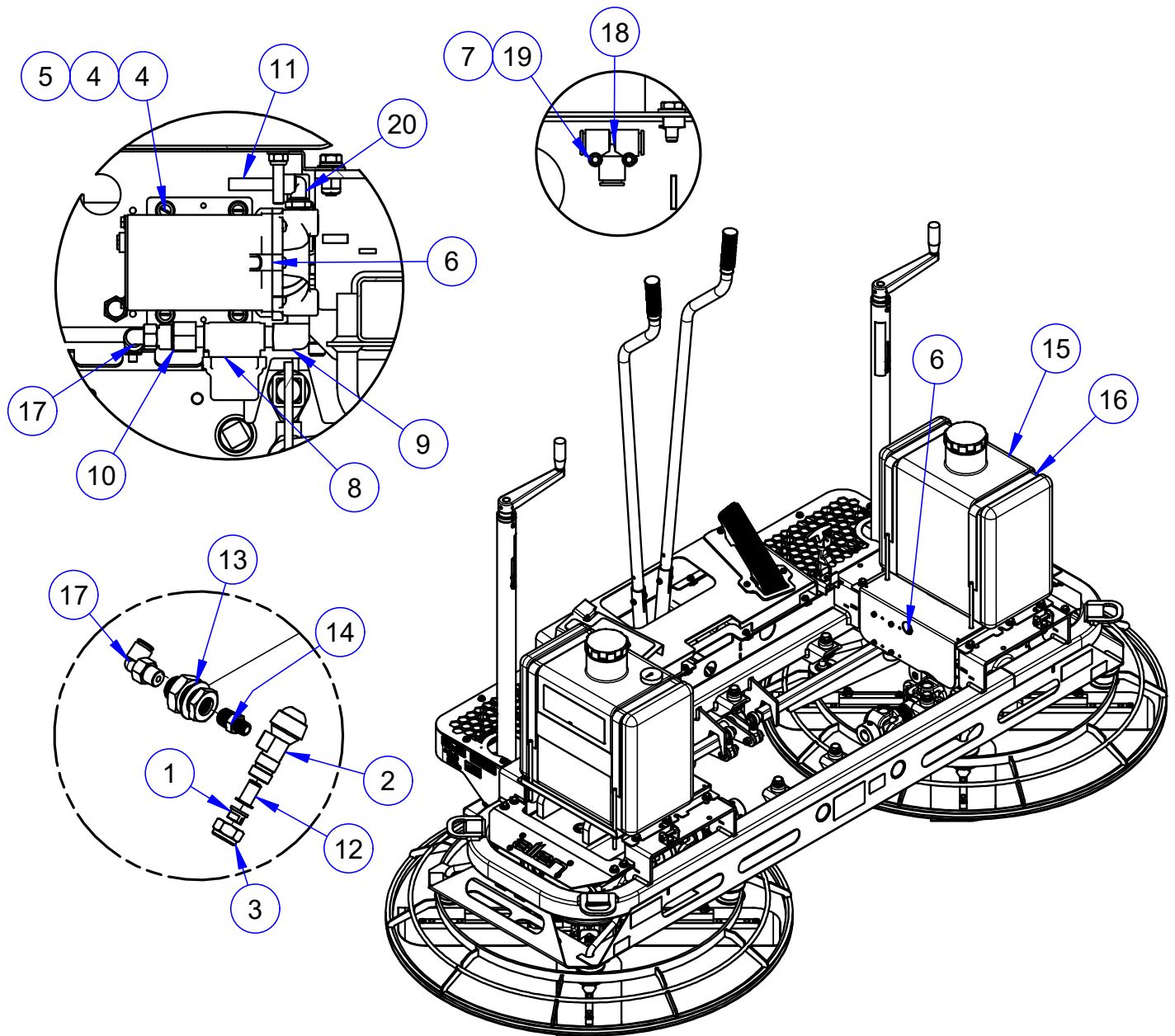
SECTION 1 PARTS



ITEM	PART NO.	DESCRIPTION	QTY
1	012710	THRUST BEARING RACE	2
2	015742	BEARING, THRUST W/ LUB HOLE	1
3	026541	ASSEMBLY, CRANK HANDLE AND SCREW SHAFT	1
4	013374	SCREW, SHSSKP 1/4-28 X 1/4	1
5	018289	FASTENER, SPRING ROLL 3/16 X 1-1/4	1
6	029997	SHAFT, SCREW CABLE ADJUSTMENT	1
7	037693	HANDLE, CRANK F/ PITCH CONTROL	1
8	032191	STOP F/ PITCH CONTROL HANDLE	1
9	036797	BALL PLUNGER, 1/4-20 X 1/4	2
10	036914	BUSHING, CABLE ASSEMBLY - RIDERS	1
11	100340	BEARING, THRUST	1

SECTION 1 PARTS

Spray System



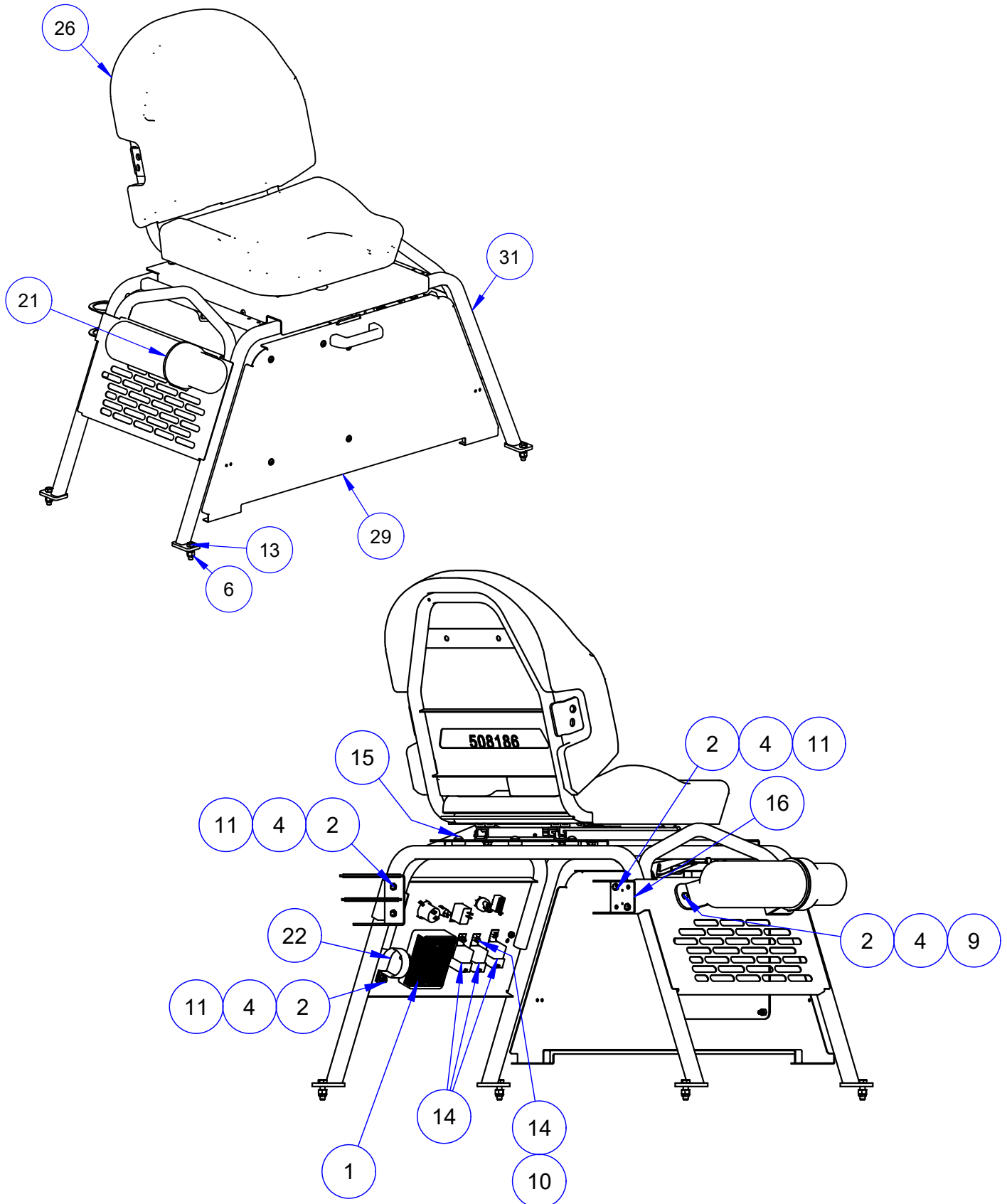
Spray System Parts List

SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	012702	TIP, 80°x0.10 GPM BRASS SPRAY	2
2	012704	BODY, BRASS CHECK VALVE NOZZLE	2
3	012705	RETAINER, BRASS SPRAY TIP	2
4	018072	FASTENER, FW SAE #10	4
5	029568	FASTENER, HEX NUT 10-32 NYLOCK	10
6	033735	PUMP, SPRAY SYSTEM	1
7	039100	FASTENER, HEX NUT NYLOCK 8-32	2
8	040209	FILTER, RETARDANT SPRAY SYSTEM	1
9	040387	ELBOW, 3/8 BRASS 90° STREET	1
10	040388	FILTER, 3/8X1/4 BRASS FM TO FM REDUCER	1
11	048246	HOSE, 3/8 X 1/4ID WATER LINE	12FT
12	065244	STRAINER, POLY 50μ MESH, W/ CHECK VALVE	2
13	071016	FITTING, BULK HEAD BRASS 1/4" NPT	2
14	071017	FITTING, REDUCING HEX NIPPLE 1/4" TO 1/8" NPT	2
15	071536	TANK, 7 GALLON RETARDANT ASSEMBLY	1
16	071568	STRAP HOLD DOWN, FOR 6 & 7 GALLON TANK	4
17	071596	FITTING, ONE TOUCH ELBOW 1/4" NPT TO 3/8" HOSE CONNECTION	3
18	071599	FITTING, ONE TOUCH TEE 3/8" HOSE CONNECTION	1
19	073283	FASTENER, HSCS 8-32 X 1" LONG	2
20	078110	FITTING, ONE TOUCH ELBOW 3/8" NPT MALE TO 3/8" HOSE CONNECTION	1

SECTION 1 PARTS

Seat Frame Assembly (073462)



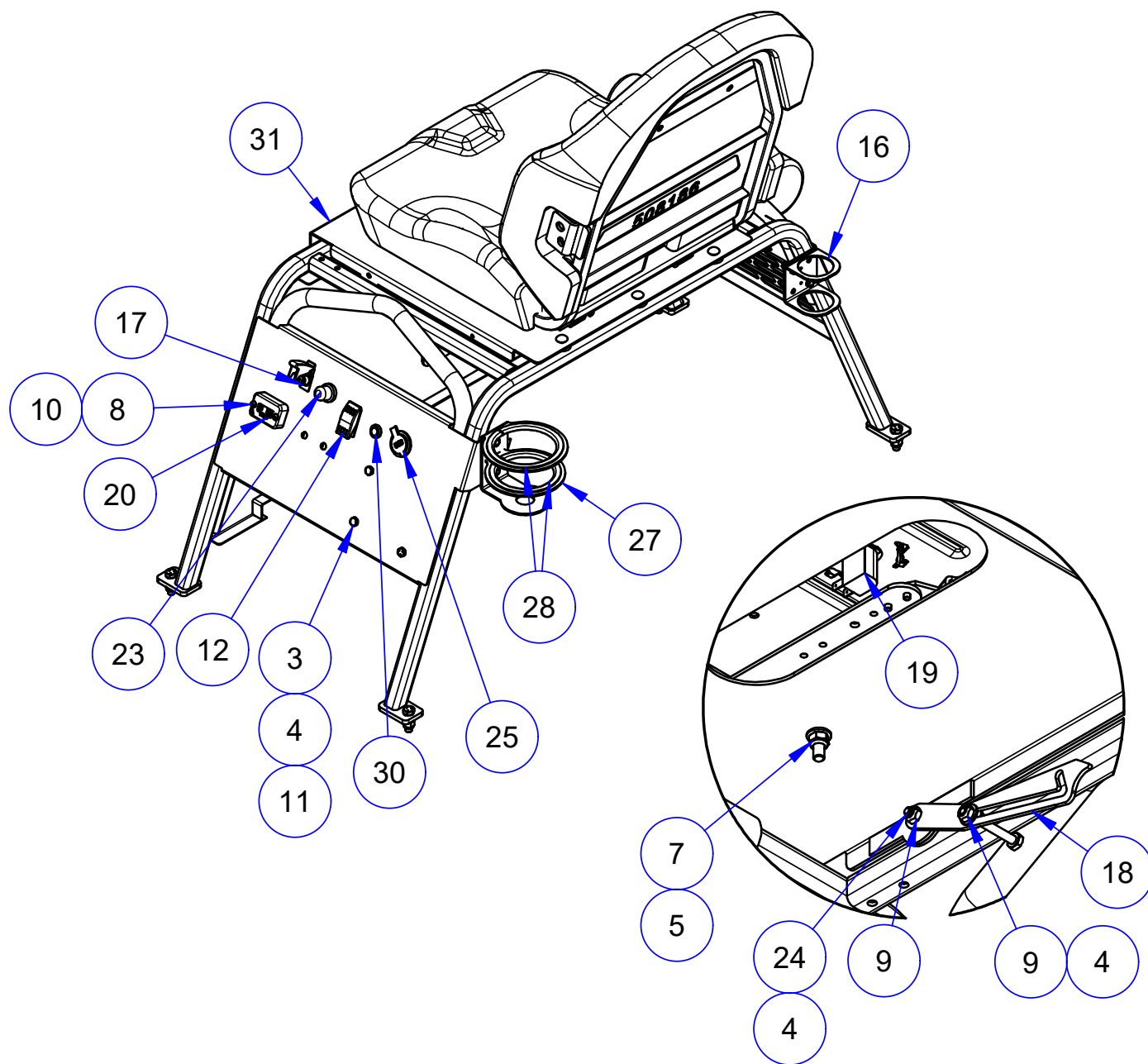
Seat Frame Assembly (073462) Parts List

SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	-	HONDA, EFI CONTROL MODULE (COMES WITH ENGINE)	1
2	010002	FASTENER, HHCS 1/4-20 X 3/4	8
3	010004	FASTENER, HHCS 1/4-20 X 1-1/4	2
4	010081	FASTENER, FW 1/4	13
5	010082	FASTENER, FW 5/16	4
6	010464	FASTENER, HEX NUT NYLOK 3/8-16	4
7	012612	FASTENER, HEX NUT NYLOCK 5/16-18	4
8	016382	FASTENER, RHMS 10-32 X 1	2
9	020542	FASTENER, HEX NUT STOVER LOCK 1/4-20	6
10	029568	FASTENER, HEX NUT 10-32 NYLOCK	4
11	029671	FASTENER, HEX NUT 1/4-20 NYLOCK	12
12	032125	SWITCH, ROCKER	1
13	032875	FASTENER, HHCS 3/8-16 X 1-1/4	4
14	047052	RELAY, 12 V 30/50 A	3
15	047665	RUBBER BUMPER	3
16	049632	TOOL HOLDER BRACKET	1
17	050603	SWITCH TOGGLE, ON/OFF 12VDC	1
18	053211	SEAT PROP	1
19	061374	SWITCH, FOR 069874 SEAT - NORMALLY OPEN	1
20	064386	METER, TACH/HOUR INDUCTIVE, F/EFI	1
21	066255	MANUAL TUBE	1
22	067279	CLAMP, LOOP VIB. DAMPENING 2" ID	1
23	068956	SWITCH, MOMENTARY	1
24	069737	FASTENER, SCREW PAN HEAD 1/4-20 X 3/4	1
25	069850	USB RECEPTACLE 12VDC	1
26	069874	SEAT, RIDER	1
27	071120	METAL CUP HOLDER FOR RIDE-ON TROWELS	1
28	071122	RUBBER TRIM CUT F/ CUP HOLDER	1.92 FT
29	073481	FRONT PANEL ASSEMBLY MP215	1
30	073948	LIGHT, RED LED	1
31	074332	WELDMENT, SEAT FRAME MP215	1

SECTION 1 PARTS

Seat Frame Assembly (073462) Continued



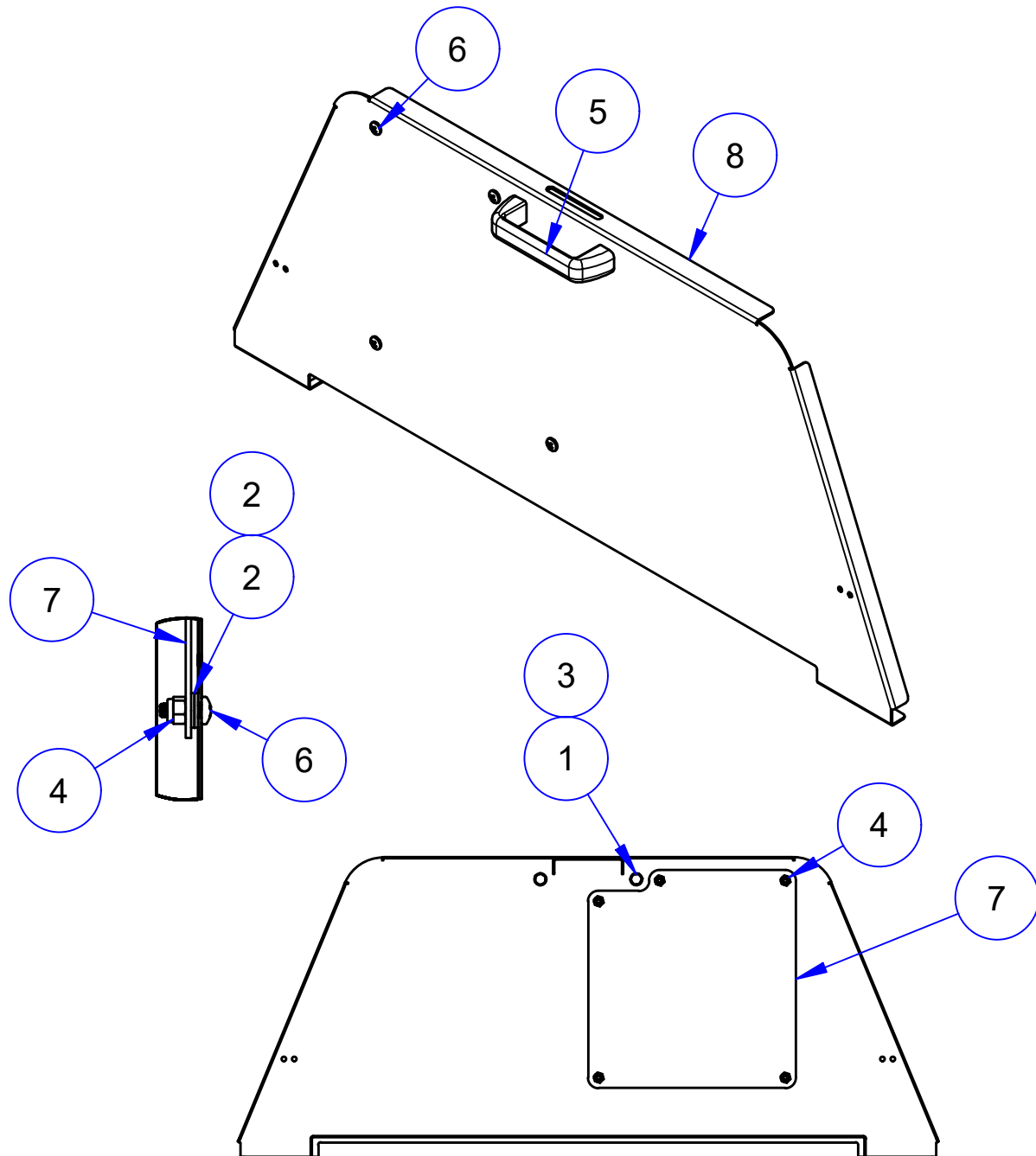
Seat Frame Assembly (073462) Parts List

SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	-	HONDA, EFI CONTROL MODULE (COMES WITH ENGINE)	1
2	010002	FASTENER, HHCS 1/4-20 X 3/4	8
3	010004	FASTENER, HHCS 1/4-20 X 1-1/4	2
4	010081	FASTENER, FW 1/4	13
5	010082	FASTENER, FW 5/16	4
6	010464	FASTENER, HEX NUT NYLOK 3/8-16	4
7	012612	FASTENER, HEX NUT NYLOCK 5/16-18	4
8	016382	FASTENER, RHMS 10-32 X 1	2
9	020542	FASTENER, HEX NUT STOVER LOCK 1/4-20	6
10	029568	FASTENER, HEX NUT 10-32 NYLOCK	4
11	029671	FASTENER, HEX NUT 1/4-20 NYLOCK	12
12	032125	SWITCH, ROCKER	1
13	032875	FASTENER, HHCS 3/8-16 X 1-1/4	4
14	047052	RELAY, 12 V 30/50 A	3
15	047665	RUBBER BUMPER	3
16	049632	TOOL HOLDER BRACKET	1
17	050603	SWITCH TOGGLE, ON/OFF 12VDC	1
18	053211	SEAT PROP	1
19	061374	SWITCH, FOR 069874 SEAT - NORMALLY OPEN	1
20	064386	METER, TACH/HOUR INDUCTIVE, F/EFI	1
21	066255	MANUAL TUBE	1
22	067279	CLAMP, LOOP VIB. DAMPENING 2" ID	1
23	068956	SWITCH, MOMENTARY	1
24	069737	FASTENER, SCREW PAN HEAD 1/4-20 X 3/4	1
25	069850	USB RECEPTACLE 12VDC	1
26	069874	SEAT, RIDER	1
27	071120	METAL CUP HOLDER FOR RIDE-ON TROWELS	1
28	071122	RUBBER TRIM CUT F/ CUP HOLDER	1.92 FT
29	073481	FRONT PANEL ASSEMBLY MP215	1
30	073948	LIGHT, RED LED	1
31	074332	WELDMENT, SEAT FRAME MP215	1

SECTION 1 PARTS

Front Screen Assembly (073481)



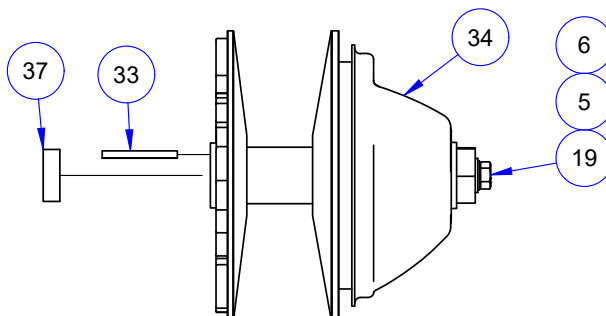
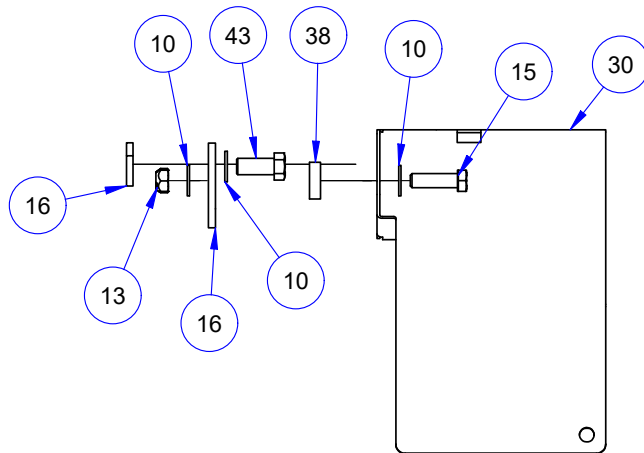
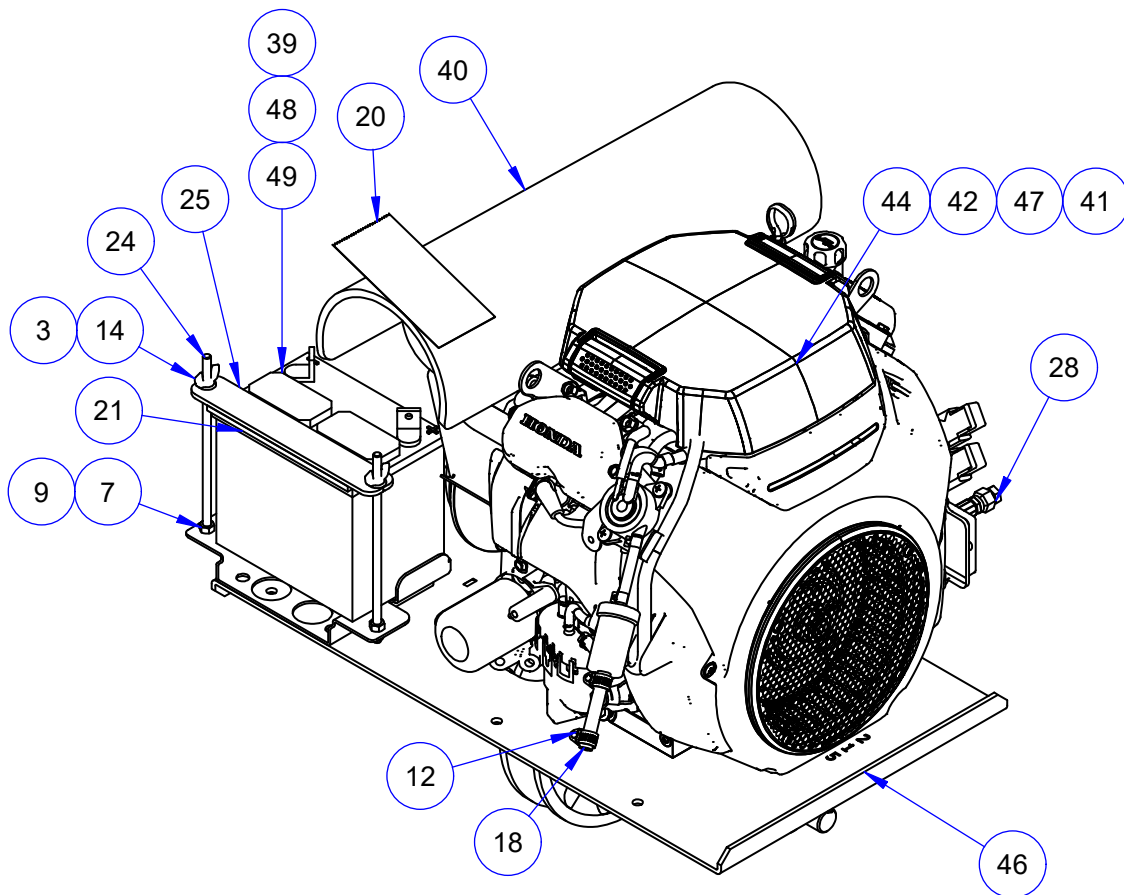
Front Screen Assembly (073481) Parts List

SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010018	FASTENER, HHCS 5/16 -18 X 1/2	2
2	010081	FASTENER, FW 1/4	10
3	010090	FASTENER, LW 5/16	2
4	029671	FASTENER, HEX NUT 1/4-20 NYLOCK	5
5	048678	HANDLE, LOAD RATED NYLON	1
6	069737	FASTENER, SCREW PAN HEAD 1/4-20 X 3/4	5
7	073408	PLATE, HEAT SHIELD FOR FRONT COVER	1
8	073480	WELDMENT, FRONT SCREEN	1

SECTION 1 PARTS

Power Unit Assembly (073470)



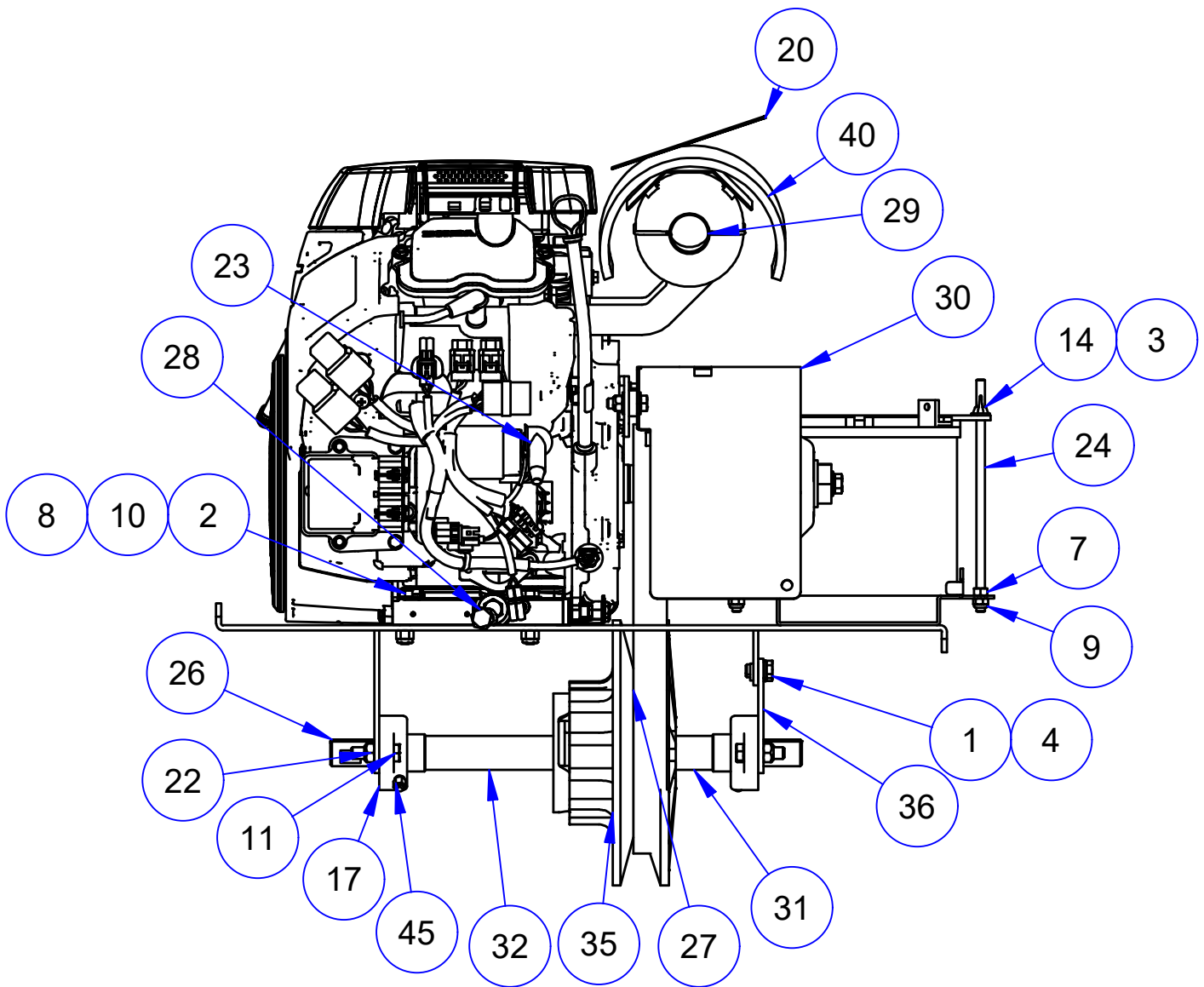
Power Unit Assembly (073470) Parts List

SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010035	FASTENER, HHCS 3/8-16 X 3/4	2
2	010039	FASTENER, HHCS 3/8-16 X 1 3/4	4
3	010082	FASTENER, FW 5/16	2
4	010091	FASTENER, LW 3/8	2
5	010092	FASTENER, LW 7/16	1
6	010096	FASTENER, FW 7/16	1
7	010100	FASTENER, HEX NUT 5/16-18	2
8	010464	FASTENER, HEX NUT NYLOK 3/8-16	4
9	012612	FASTENER, HEX NUT NYLOCK 5/16-18	2
10	017751	FASTENER, FW 3/8	10
11	017898	FASTENER, HHCS 7/16-20 X 1-1/2	4
12	019430	FASTENER, CLAMP SIZE 4 MINI	2
13	020514	FASTENER, HEX NUT STOVER LOCK 3/8-16	2
14	032106	FASTENER, WING NUT 5/16-18	2
15	032875	FASTENER, HHCS 3/8-16 X 1-1/4	2
16	033638	BRACKET, CLUTCH GUARD	1
17	039136	BEARING, 1" FLANGED 2 BOLT ECCENTRIC COLLAR	2
18	039155	HOSE, 1/4" FUEL	3FT
19	042280	FASTENER, HHCS 7/16-20 X 4-1/2	1
20	043394	TAPE, HIGH TEMP X 3" WIDE	1
21	047273	CUSHION F/ BATTERY STRAP	1
22	047477	FASTENER, HEX NUT 7/16-20 STOVER	4
23	047697	TERMINAL INSULATOR 3/8" STUD	1
24	047715	ROD, 5/16-18 BATTERY RETAINER 8-5/8"	2
25	048932	BAR, BATTERY HOLD DOWN	1
26	050070	SHAFT, DRIVE 17-1/2" F/ LOCK BEARING	1
27	051332	BELT, CVT	1
28	051980	HOSE, DRAIN F/ HONDA GX 690/700	1
29	051981	MUFFLER, HONDA GX700	1
30	053136	CVT COVER	1
31	053193	SPACER, BEARING, 1 3/8"	1
32	053194	SPACER, BEARING, 4 3/4"	1
33	053210	KEY, 3/16 X 1/4 X 2	1
34	053327	PULLEY, DRIVER CVT	1
35	053389	PULLEY, DRIVEN	1
36	053465	BEARING SUPPORT	1

SECTION 1 PARTS

Power Unit Assembly (073470) Continued



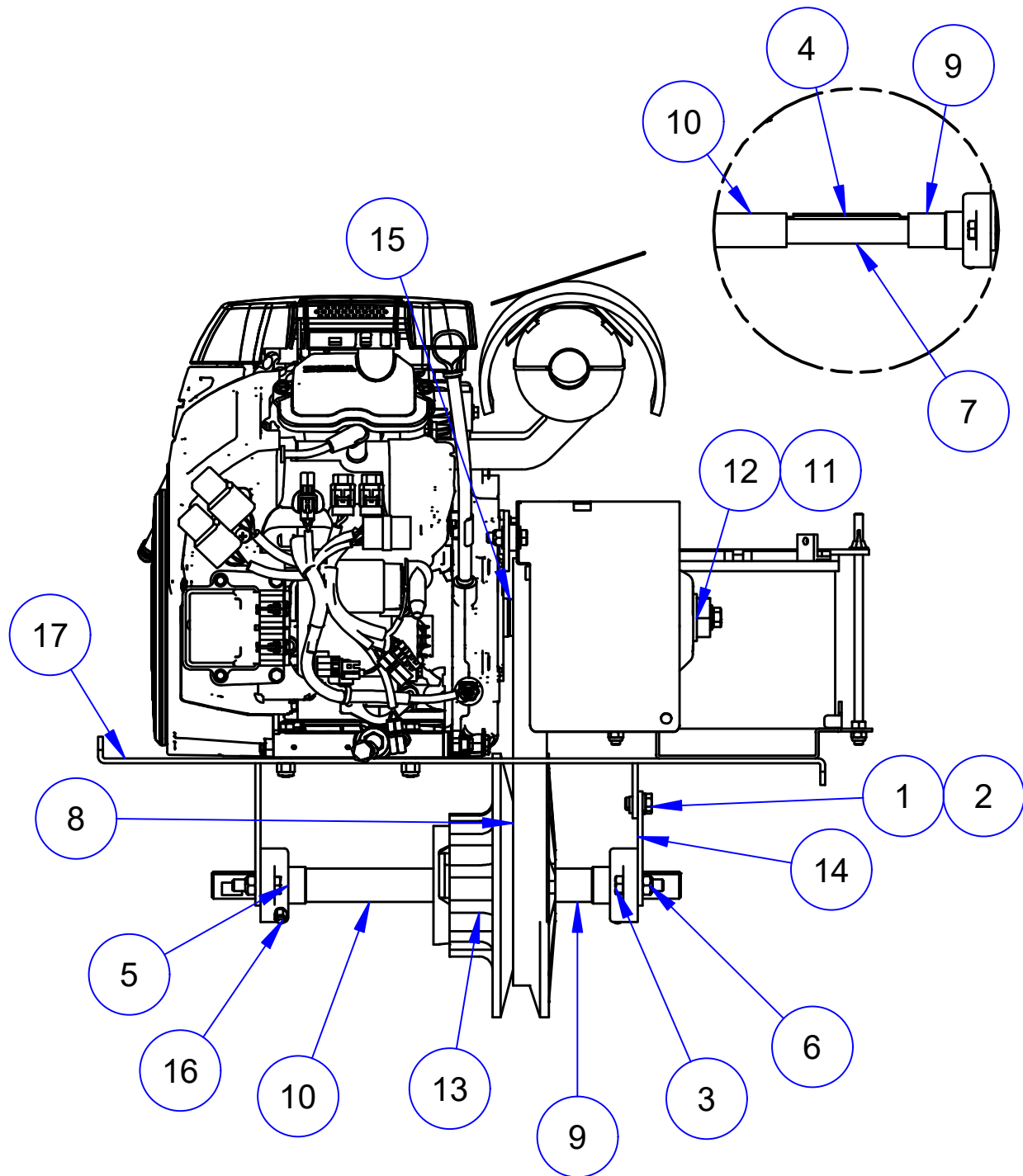
Power Unit Assembly (073470) Parts List Continued

SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
37	055617	SPACER F/ CLUTCH, MP215, 235, 315	1
38	056470	BUSHING, NITRILE	2
39	056724	CABLE, BATTERY 17" LONG NEGATIVE	1
40	056938	HEAT WRAP, 14" X 20"	1
41	064832	FILTER, AIR F/ HONDA GX	1
42	064833	FILTER, FUEL F/ HONDA GX700	1
43	065694	FASTENER, HHCS 7/16-14x1	2
44	073485	ENGINE, HONDA IGX700 LESS CONTROL PANEL	1
45	073817	FITTING, STRAIGHT PUSH-IN FOR 4MM TUBING 1/8 NPT	2
46	074302	ENGINE PLATE WELDMENT MP215	1
47	081251	FILTER, OIL F/ GX700	1
48	BF0100	CABLE, BATTERY 36" LONG POSITIVE	1
49	BT0100	BATTERY 340 CCA	1

SECTION 1 PARTS

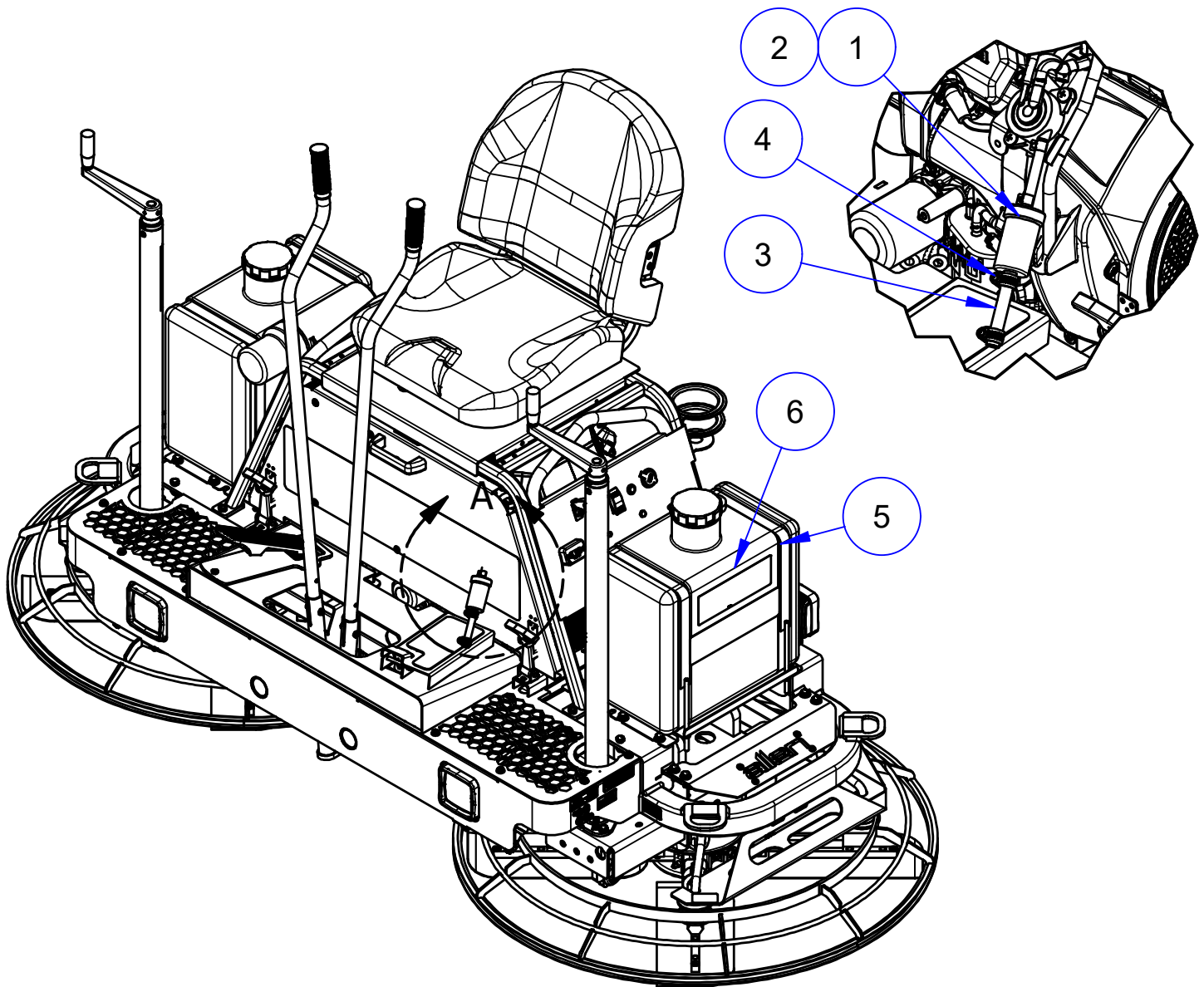
Drive Line Assembly



ITEM	PART NO.	DESCRIPTION	QTY
1	010035	FASTENER, HHCS 3/8-16 X 3/4	2
2	010091	FASTENER, LW 3/8	2
3	017898	FASTENER, HHCS 7/16-20 X 1-1/2	4
4	024820	STOCK, 1/4 SQ X 4 LONG KEY	1
5	039136	BEARING, 1" FLANGED 2 BOLT ECCENTRIC COLLAR	2
6	047477	FASTENER, HEX NUT STOVER 7/16-20	4
7	050070	SHAFT, DRIVE 17-1/2" LONG	1
8	051332	BELT, CVT	1
9	053193	SPACER, BEARING, 1 3/8"	1
10	053194	SPACER, BEARING, 4 3/4"	1
11	053210	KEY, 3/16 X 1/4 X 2	1
12	053327	PULLEY, CVT DRIVER	1
13	053389	PULLEY, DRIVEN	1
14	053465	BEARING SUPPORT	1
15	055617	SPACER F/ CVT	1
16	073817	FITTING, STRAIGHT PUSH-IN FOR 4MM TUBING 1/8 NPT	2
17	074302	WELDMENT, ENGINE PLATE	1

SECTION 1 PARTS

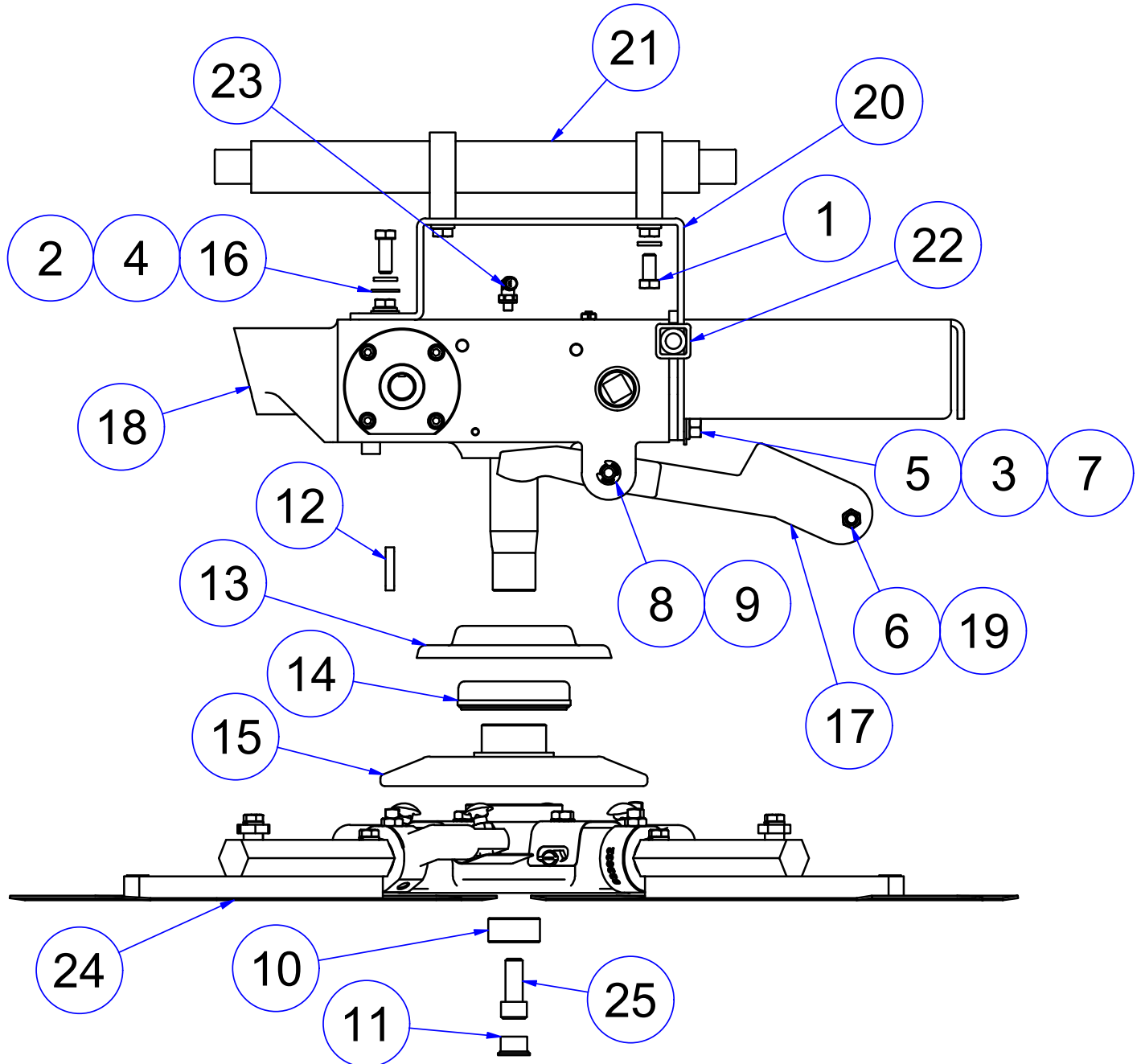
Fuel System



ITEM	PART NO.	DESCRIPTION	QTY
1	073485	ENGINE, HONDA IGX700 LESS CONTROL PANEL	1
2	064833	FILTER, FUEL F/ HONDA GX700	1
3	039155	HOSE, 1/4" FUEL	3FT
4	019430	FASTENER, CLAMP SIZE 4 MINI	2
5	071568	STRAP HOLD DOWN, FOR 6 & 7 GALLON TANK	4
6	072854	FUEL TANK, ASSEMBLY 7 GALLON CAPACITY	1

SECTION 1 PARTS

Left Hand Rotor Assembly (053164)



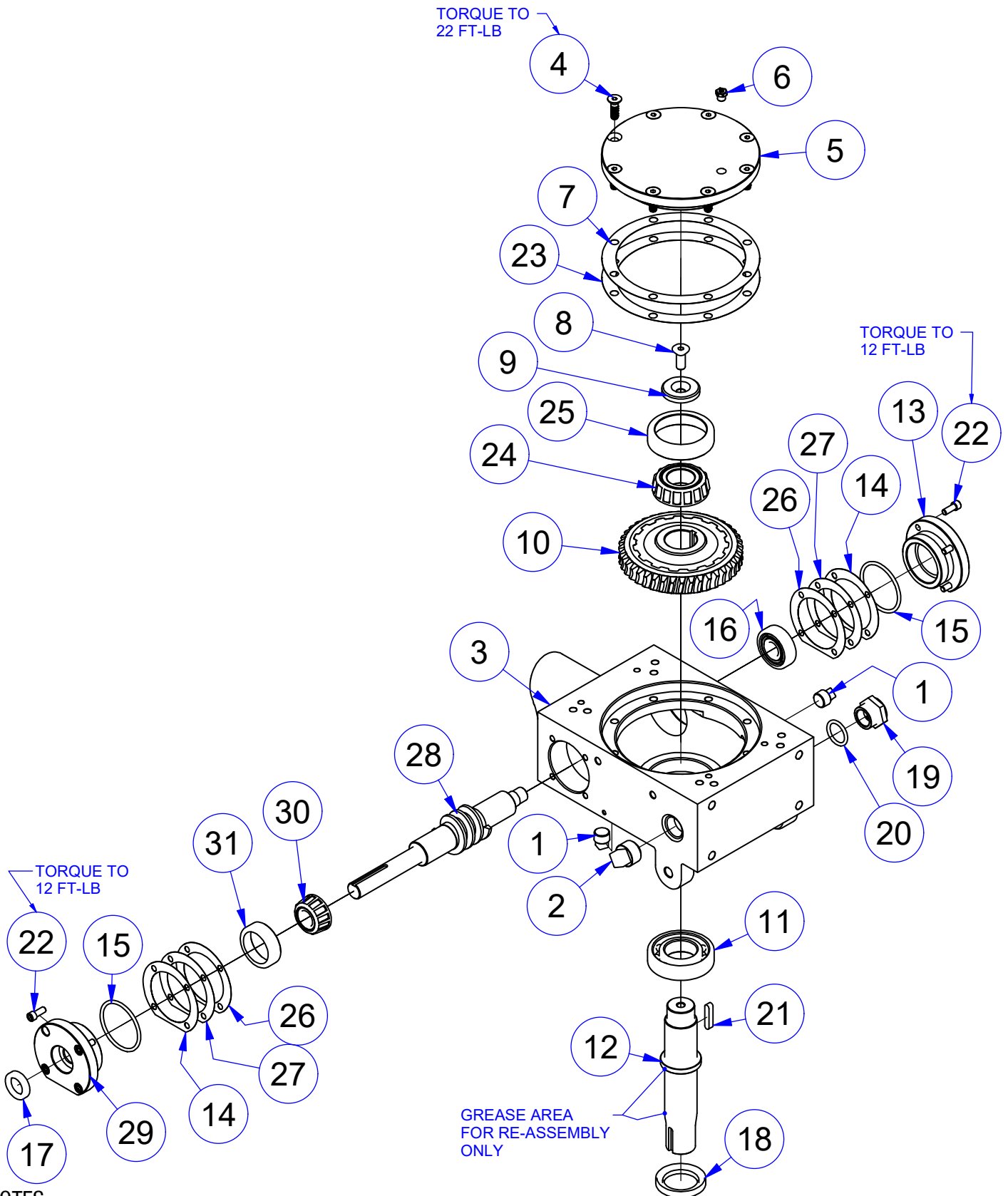
LH Rotor Assembly (053164) Parts List

SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010035	FASTENER, HHCS 3/8-16 X 3/4"	4
2	010036	FASTENER, HHCS 3/8"-16 X 1"	2
3	010083	FASTENER, FLAT WASHER 3/8"	4
4	010091	FASTENER, LOCK WASHER 3/8"	10
5	010102	FASTENER, HEX NUT 3/8"-16	4
6	012612	FASTENER, HEX NUT NYLOCK 5/16"-18	1
7	015674	FASTENER, STUD BOLT 3/8"-16 X 1-3/4"	4
8	015677	RETAINING RING DIA. 7/16" E-STYLE	2
9	015678	PIN, YOKE ARM	1
10	015690	WASHER, RETAINING	1
11	015693	PLUG, PLASTIC CAP	1
12	015696	KEY, 1/4" X 1-1/4" LG	1
13	015821	PRESSURE PLATE CAP	1
14	015822	THRUST BEARING	1
15	015824	PRESSURE PLATE	1
16	017751	FASTENER, FLAT WASHER 3/8"	2
17	026215	YOKE, ARM	1
18	026442	ASSEMBLY, GEARBOX STANDARD LEFT HAND	1
19	026504	SHOULDER SCREW, 5/16"-18 X 1/2" X DIA. 3/8" X 1-1/4"	1
20	050017	GEARBOX HOUSING	1
21	050022	CROSSHEAD, TWO WAY	1
22	053163	STEERING ARM WELDMENT	1
23	074094	FITTING, 90° 4MM TUBE X 1/4"-28 SWIVAL	1
24	079264	ASSEMBLY, SPIDER LH	1
25	079363	FASTENER, RH SHCS 1/2"-13 X 1-1/4"	1

SECTION 1 PARTS

Left Hand Gearbox Assembly (026442)



NOTES:

1. These shim thicknesses are established at the factory, call customer service for the appropriate replacement size.

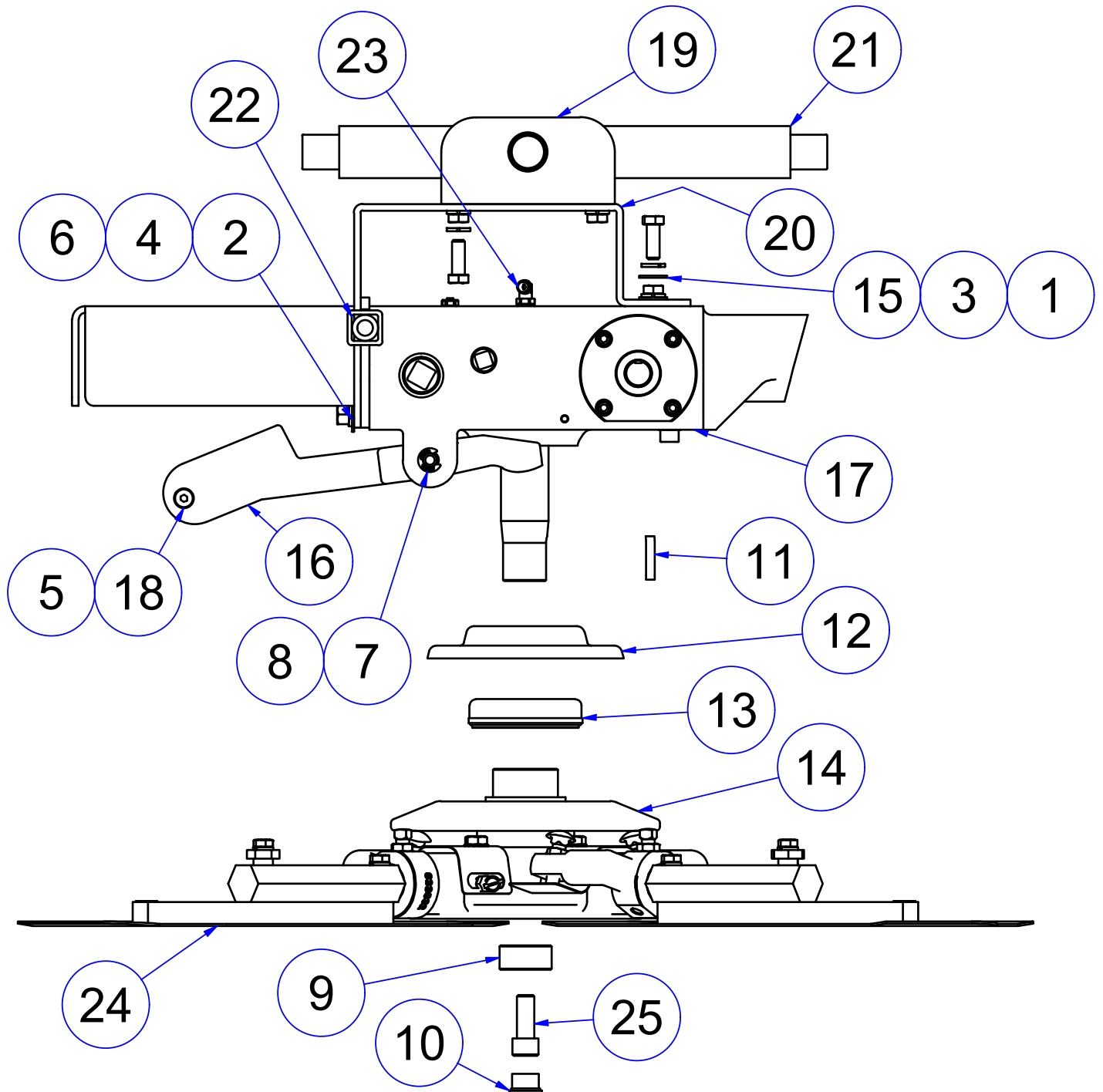
LH Gearbox Assembly (026442) Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	026442	ASSEMBLY, LH GEARBOX (SOM)	-
-	-	OIL, GEARBOX KLUBER GH-460	0.757 GAL
1	010498	PLUG, 3/8" NPT	2
2	012953	PLUG, 3/4" NPT	1
3	015204	GEARBOX, MACHINED FINISHED	1
4	015205	FASTENER, FHSS 5/16"-18 X 1"	8
5	015208	COVER, FOR GEAR BOX	1
6	015209	RELIEF VALVE, 1/8"-27 NPT	
7	015210	GASKET, 0.005" THICK FOR TOP COVER	AS REQ.
8	015212	FASTENER, FHSS 3/8"-16 X 1" LH THREAD	1
9	015213	PRESSURE WASHER	1
10	015216	GEAR, BRONZE RH	1
11	015217	BEARING, RADIAL BALL	1
12	015219	SHAFT, MAIN	1
13	015221	CAP, GEARBOX END FLANGE	1
14	015222	GASKET, 0.005" THICK FOR END FLANGE	AS REQ.
15	015660	O-RING, FOR GEARBOX END CAPS	2
16	015663	BEARING, ANGLED CONTACT	1
17	015670	SEAL, OIL CR#7455V	1
18	015671	SEAL, OIL CR#13661	1
19	015672	GAUGE, 3/4"-14 NPT PORTHOLE VIEW	1
20	015673	O-RING, 15/16" X 1-3/16" X 1/8 BUNA	1
21	015696	KEY, 1/4" X 1-1/8"	1
22	017314	FASTENER, SHCS 1/4"-20 X 5/8"	8
23	020018	GASKET, 0.003" FOR TOP COVER	AS REQ.
24	022073	BEARING, TAPER ROLLER	1
25	022074	BEARING RACE	1
26	022185	GASKET, 0.002" FOR END CAP FLANGE	AS REQ
27	022186	GASKET, 0.003" FOR END CAP FLANGE	AS REQ
28	026740	SHAFT, INPUT RH	1
29	044601	FLANGE, GEARBOX	1
30	044603	BEARING, TAPER ROLLER	1
31	044604	BEARING RACE	1

SECTION 1 PARTS

Right Hand Rotor Assembly (053162)



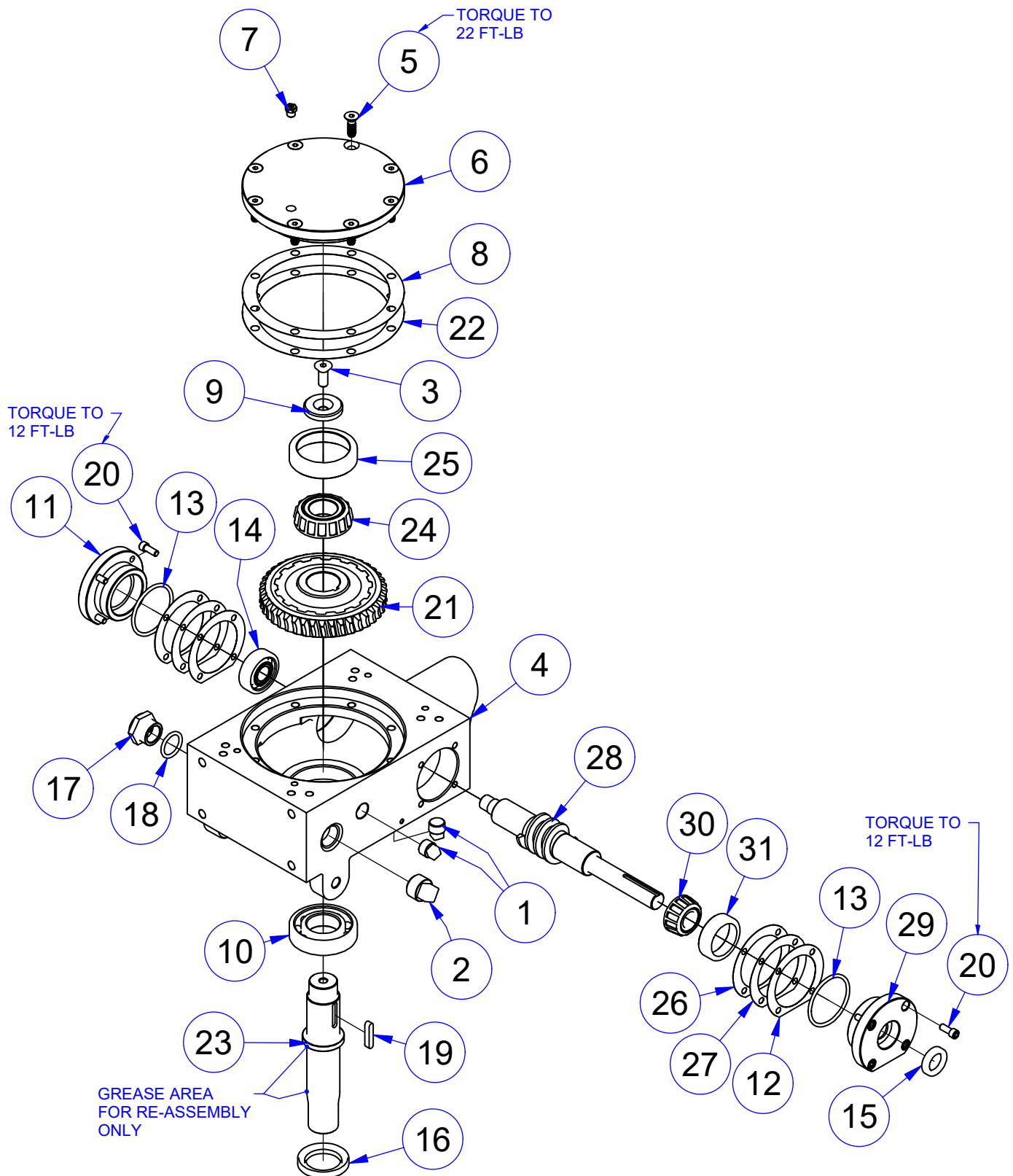
RH Rotor Assembly (053162) Parts List

SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010036	FASTENER, HHCS 3/8"-16 X 1"	6
2	010083	FASTENER, HHCS 3/8"-16 X 1"	4
3	010091	FASTENER, LOCK WASHER 3/8"	10
4	010102	FASTENER, HEX NUT 3/8"-16	4
5	012612	FASTENER, HEX NUT NYLOCK 5/16"-18	1
6	015674	FASTENER, STUD BOLT 3/8"-16 X 1-3/4"	4
7	015677	RETAINING RING DIA. 7/16" E-STYLE	2
8	015678	PIN, YOKE ARM	1
9	015690	WASHER, RETAINING	1
10	015693	PLUG, PLASTIC CAP	1
11	015696	KEY, 1/4" X 1-1/4" LG	1
12	015821	PRESSURE PLATE CAP	1
13	015822	THRUST BEARING	1
14	015824	PRESSURE PLATE	1
15	017751	FASTENER, FLAT WASHER 3/8"	2
16	026215	YOKE, ARM	1
17	026443	ASSEMBLY, GEARBOX STANDARD RIGHT HAND	1
18	026504	SHOULDER SCREW, 5/16"-18 X 1/2" X DIA. 3/8" X 1-1/4"	1
19	048561	ASSEMBLY, ROTOR MOUNT BEARINGS	2
20	050017	GEARBOX HOUSING	1
21	050020	CROSSHEAD, FOUR WAY	1
22	053163	STEERING ARM WELDMENT	1
23	074094	FITTING, 90° 4MM TUBE X 1/4"-28 SWIVAL	1
24	079265	ASSEMBLY, SPIDER RH	1
25	079364	FASTENER, LH SCREW SHCS 1/2"-13 X 1-1/4"	1

SECTION 1 PARTS

Right Hand Gearbox Assembly (026443)



NOTES:

1. These shim thicknesses are established at the factory, call customer service for the appropriate replacement size.

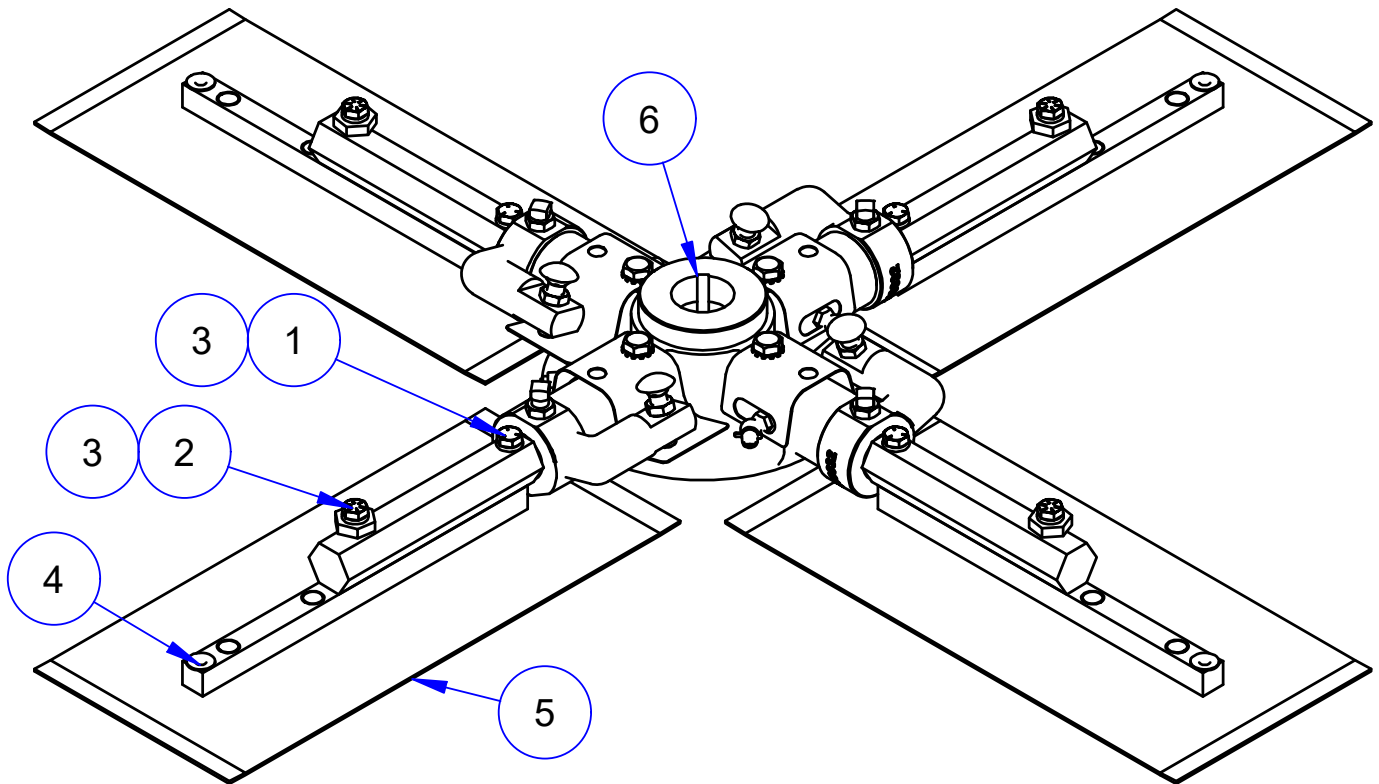
RH Gearbox Assembly (026443) Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	026443	ASSEMBLY, RH GEARBOX (SOM)	-
-	-	OIL, GEARBOX KLUBER GH-460	0.757 GAL
1	010498	PLUG, 3/8" NPT	2
2	012953	PLUG, 3/4" NPT	1
3	013746	FASTENER, FHSS 3/8"-16 X 1"	1
4	015204	GEARBOX, MACHINED FINISHED	1
5	015205	FASTENER, FHSS 5/16"-18 X 1"	8
6	015208	COVER, FOR GEAR BOX	1
7	015209	RELIEF VALVE, 1/8"-27 NPT	
8	015210	GASKET, 0.005" THICK FOR TOP COVER	AS REQ.
9	015213	PRESSURE WASHER	1
10	015217	BEARING, RADIAL BALL	1
11	015221	CAP, GEARBOX END FLANGE	1
12	015222	GASKET, 0.005" THICK FOR END FLANGE	AS REQ.
13	015660	O-RING, FOR GEARBOX END CAPS	2
14	015663	BEARING, ANGLED CONTACT	1
15	015670	SEAL, OIL CR#7455V	1
16	015671	SEAL, OIL CR#13661	1
17	015672	GAUGE, 3/4"-14 NPT PORTHOLE VIEW	1
18	015673	O-RING, 15/16" X 1-3/16" X 1/8 BUNA	1
19	015696	KEY, 1/4" X 1-1/8"	1
20	017314	FASTENER, SHCS 1/4"-20 X 5/8"	8
21	018924	GEAR, BRONZE LH	1
22	020018	GASKET, 0.003" FOR TOP COVER	AS REQ.
23	020120	SHAFT, MAIN	1
24	022073	BEARING, TAPER ROLLER	1
25	022074	BEARING RACE	1
26	022185	GASKET, 0.002" FOR END CAP FLANGE	AS REQ
27	022186	GASKET, 0.003" FOR END CAP FLANGE	AS REQ
28	026741	SHAFT, INPUT LH	1
29	044601	FLANGE, GEARBOX	1
30	044603	BEARING, TAPER ROLLER	1
31	044604	BEARING RACE	1

SECTION 1 PARTS

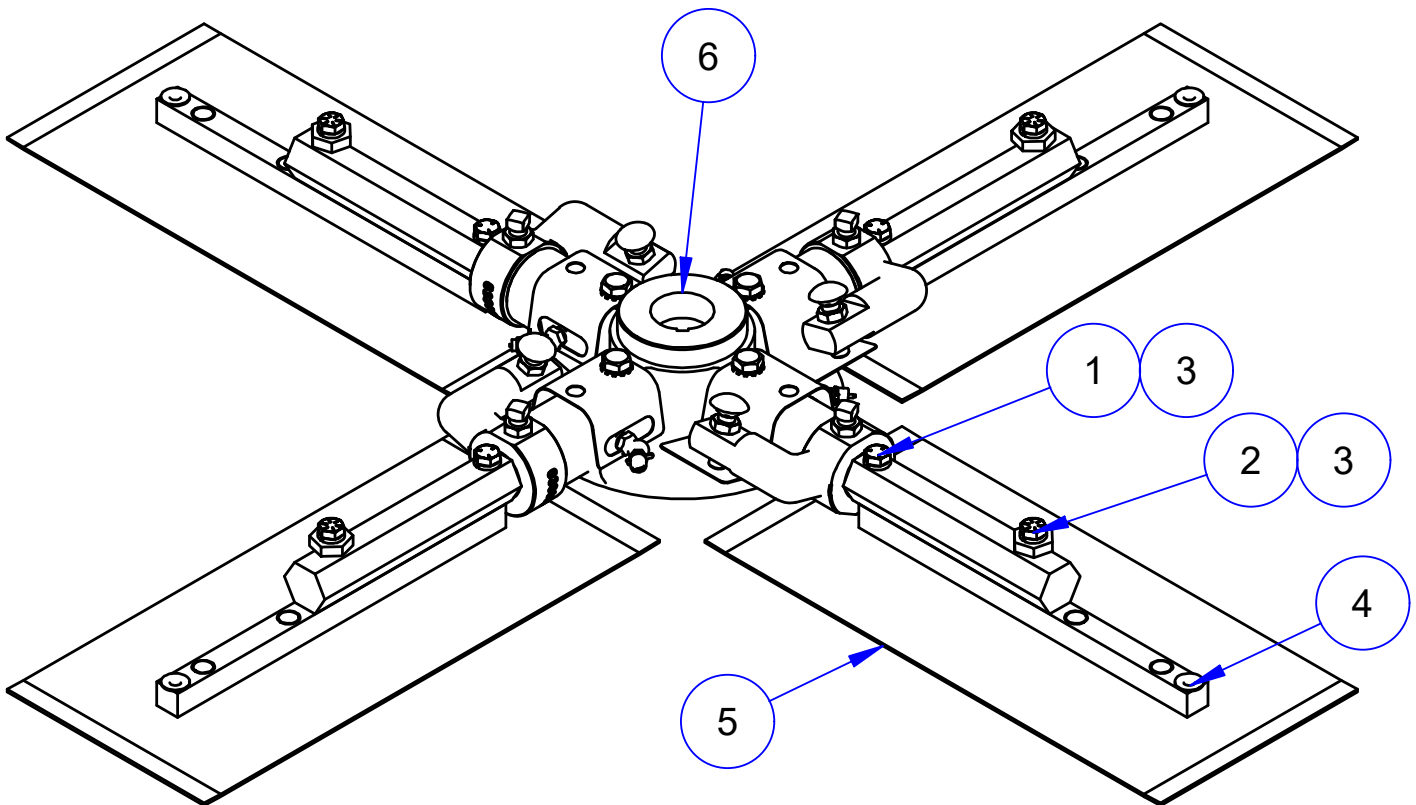
Left Hand Spider Assembly (072629)



ITEM	PART NO.	DESCRIPTION	QTY
1	010023	FASTENER, HHCS 5/16-18 X 1-3/4	4
2	010024	FASTENER, HHCS 5/16-18 X 2	4
3	010090	FASTENER, LW 5/16	8
4	015694	PLUG, PLASTIC TAPERED	4
5	015890V	TROWEL BLADE, FINISH 6 X 14	4
6	015893	ASSEMBLY, SPIDER BOSS LH-SOM	1

Right Hand Spider Assembly (079263)

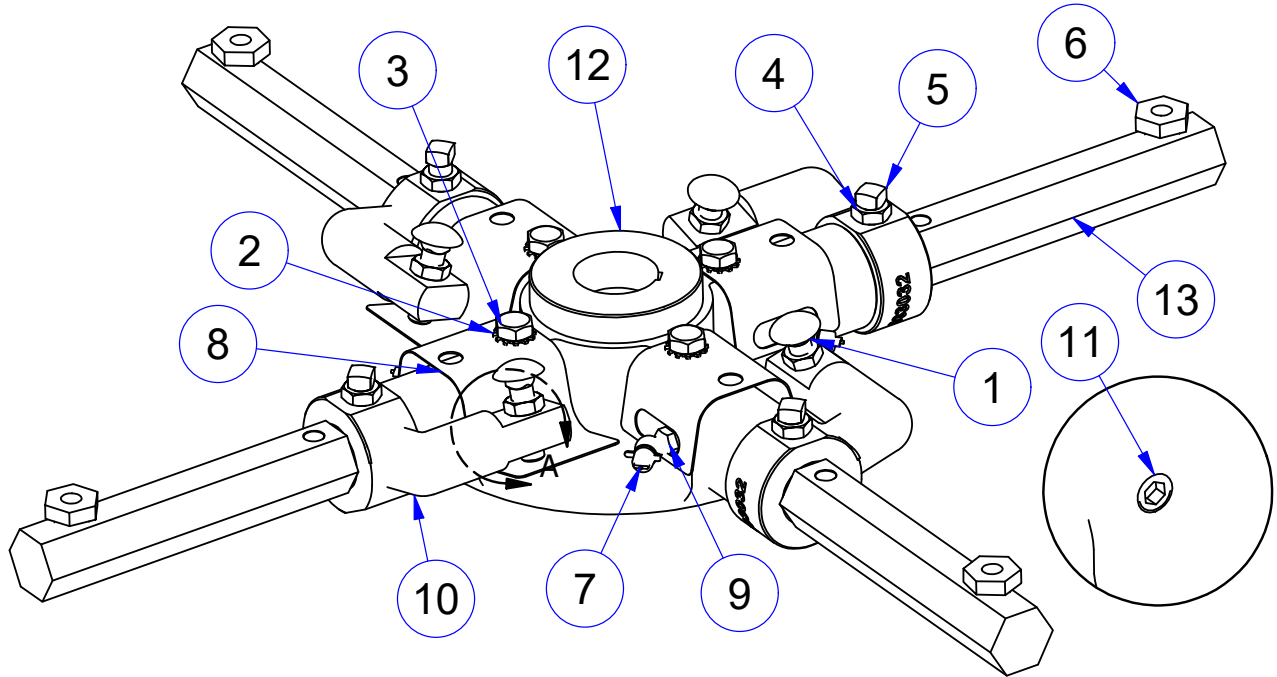
SECTION 1 PARTS



ITEM	PART NO.	DESCRIPTION	QTY
1	010023	FASTENER, HHCS 5/16-18 X 1-3/4	4
2	010024	FASTENER, HHCS 5/16-18 X 2	4
3	010090	FASTENER, LW 5/16	8
4	015694	PLUG, PLASTIC TAPERED	4
5	015890V	TROWEL BLADE, FINISH 6 X 14	4
6	024813	ASSEMBLY, SPIDER BOSS RH-SOM	1

SECTION 1 PARTS

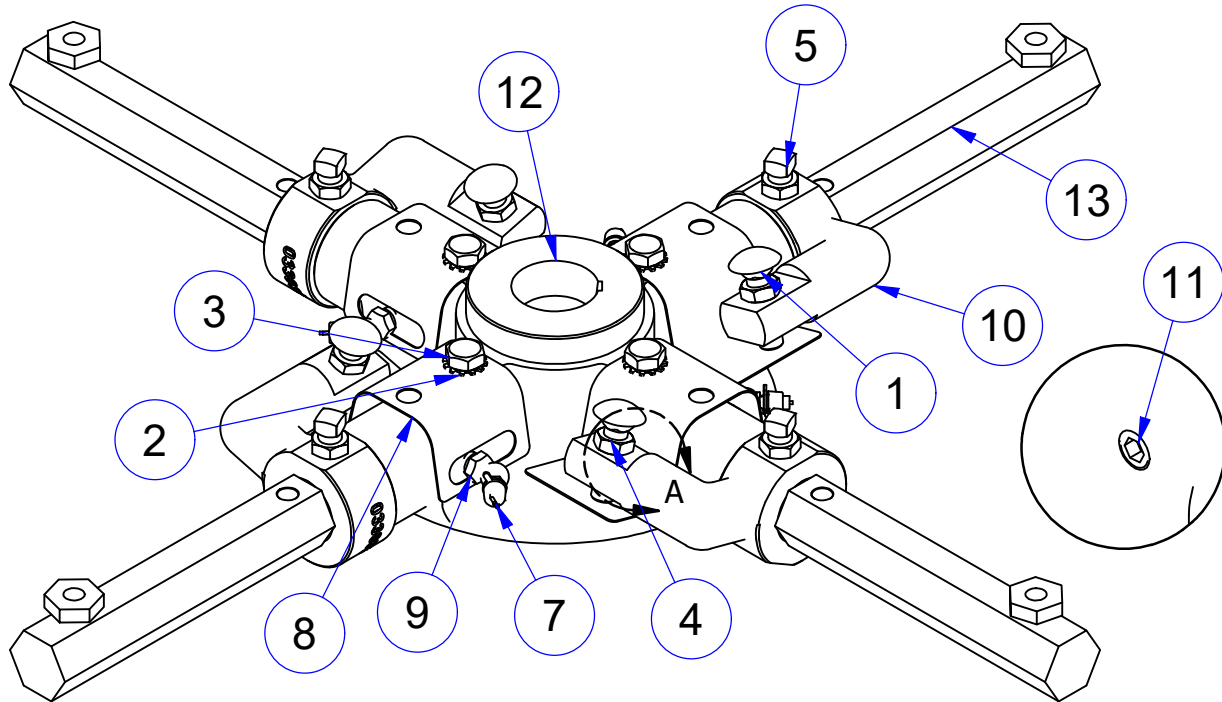
Left Hand Spider Boss Assembly (015893)



ITEM	PART NO.	DESCRIPTION	QTY
1	012990	FASTENER, CARRIAGE BOLT 3/8"-16 X 1-1/4"	4
2	015682	FASTENER, EXT STAR LOCK WASHER 3/8"	4
3	015683	FASTENER, HHCS 3/8"-16 X 7/8"	4
4	015684	FASTENER, JAM HEX NUT 3/8-16	8
5	015686	FASTENER, SQHSS 3/8"-16 X 1"	4
6	015688	FASTENER, 9/16"-18 NF ADJ/MACH SCREW	4
7	015692	RED GREASE CAP DIA. 1/4"	4
8	016920	SPRING CLIP	4
9	024755	FITTING, GREASE 1/8"-27 45°	4
10	033032	LIFT LEVER, 1"	4
11	050963	PLUG, 1/8"	4
12	064221P	SPIDER, FOUR BOSS	1
13	069910	TROWEL ARM	4

Right Hand Spider Boss Assembly (024813)

SECTION 1 PARTS



ITEM	PART NO.	DESCRIPTION	QTY
1	012990	FASTENER, CARRIAGE BOLT 3/8"-16 X 1-1/4"	4
2	015682	FASTENER, EXT STAR LOCK WASHER 3/8"	4
3	015683	FASTENER, HHCS 3/8"-16 X 7/8"	4
4	015684	FASTENER, JAM HEX NUT 3/8"-16	8
5	015686	FASTENER, SQHSS 3/8"-16 X 1"	4
6	015688	FASTENER, 9/16"-18 NF ADJ/MACH SCREW	4
7	015692	RED GREASE CAP DIA. 1/4"	4
8	016920	SPRING CLIP	4
9	024755	FITTING, GREASE 1/8"-27 45°	4
10	033032	LIFT LEVER, 1"	4
11	050963	PLUG, 1/8"	4
12	064221P	SPIDER, FOUR BOSS	1
13	069910	TROWEL ARM	4

SECTION 1 PARTS

MP235 Engine (Honda) Service parts



Engine, GX700
AEC PN: 073485



Engine Oil 10W30 (1 QT)
AEC PN: 081250



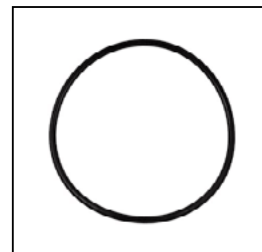
Spark Plug
AEC PN: 081288



Oil Filter
AEC PN: 081251



Element for Air Cleaner
AEC PN: 064832



Gasket for Air Cleaner
AEC PN: 081269



Fuel Filter
AEC PN: 064833



Muffler
AEC PN: 051981

SECTION 2: DECALS

Decals, MP235



Decals, MP235 Parts List

SECTION 2 DECALS

ITEM	PART #	DESCRIPTION	QTY
-	074093	KIT, MP235 DECAL	1
1	053452	12 V DC ACCESSORY 5 AMP MAX	1
2	032377	PITCH CONTROL TUBE	2
3	039893	CE MARKING	1
4	048299D	OIL, GEARBOX	1
5	053453	SPARK WARNING	1
6	065564	RIDER GEARBOX OIL	2
7	065653	LIFT HOOK	2
8	065655	RETARDANT ONLY	1
9	065656	PAN FALL	2
10	065908	EPA LABEL	1
11	065913	GEARBOX OIL	1
12	065915	PPE	1
13	065916	HAND TOOL AREA	1
14	065917	PINCH POINT	3
15	065918	LIGHTS	1
16	065919	12 V DC/5 AMP MAX	1
17	066018	GAS ONLY 7.75" X 2.5"	1
18	066063	HOT, CAUTION, WARNING	1
19	066081	PINCH POINT	10
20	066082	MP235 10" X 3"	2
21	066171	TIE DOWN ONLY	4
22	068457	PATENT PLACARD 6.5" X 3.5"	1
23	068836	REQUIRED FINISH BLADE 041695	2
24	069225	PROPOSITION 65	1
25	072966	CHECK ENGINE LIGHT	1
26	074011	PUSH TO START	1
27	074012	ENGINE ON/OFF	1
28	071086	GREASE PORT	1
29	074087	DRIVELINE BEARING GREASE & GEARBOXES	1
30	074284	GREASING OF U-JOINTS	1
31	075279	MADE IN AMERICA	1
32	075441	MP235 FRONT SCREEN	1

Revision Detail

MANUAL REVISION DETAIL

REVISION #	REVISION DATE	REVISION REFERENCE #	REVISION BY
	12/21	Initial Release	MK
A	01/22	Updated Covers	MK
B	06/22	Updated Trowel Arm PN	MK
C	02/24	24-064, 24-057	MK
D	01/25	Pg. 21, 23 Item 11 PN Correction	MK
E	01/25	Added GB Exploded View	MK
F	07/25	Added Honda ENG service parts pg.	MK
G	11/25	Updated Illustrations and Parts Lists, Corrected Honda Service PNs	MK

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10,100,537; 9,068,301; 9,068,300; 8,360,680; 7,690,864; 7,114,876B1; 6,857,815B2; 6,582,153
With other Patents Pending.

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AEC FACTORY & HEADQUARTERS

819 S. 5TH STREET
PARAGOULD, ARKANSAS 72450
870.236.7751
800.643.0095 (TOLL FREE (USA ONLY))

MAILING

PO BOX 819
PARAGOULD, ARKANSAS 72451

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