

RIDING TROWEL

MP245



PARTS & DECALS MANUAL

Manual Part #: 075766P | Revision: F
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>
073490	RIDER, MP245

For more information regarding the following, please see “MP245 Safety & Operations Manual”

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

Table of Contents

Sect No.	Title	Page
	Table of Contents	4
SECTION 1	Parts.....	5
	Factory Service Information	6
	Replacement Parts Procedure.....	7
	General Arrangement (073490)	8
	Main Frame Assembly (073491).....	10
	Main Frame, Steering System.....	14
	Main Frame, Hydraulic Tank (073486).....	16
	Pitch Control Assembly (038174).....	18
	Crank Handle Assembly (064529).....	19
	Fuel System	20
	Spray System	22
	Seat Frame Assembly (073455).....	24
	Front Screen Assembly (073450).....	28
	Bearing Block Assembly (048561).....	29
	Power Unit Assembly (073456).....	30
	Driveline Assembly	32
	Left Hand Rotor Assembly (050028)	34
	Left Hand Gearbox Assembly (026442).....	36
	Right Hand Rotor Assembly (050024)	38
	Right Hand Gearbox Assembly (026443).....	40
	Left Hand Spider Assembly (079262)	42
	Right Hand Spider Assembly (079263)	43
	Left Hand Spider Boss Assembly (015893)	44
	Right Hand Spider Boss Assembly (024813).....	45
	Hydraulics Schematic	46
	MP245 Engine (Honda) Service parts.....	48
SECTION 2	Decals	50
	Decals, MP245	52
	Revision Details	54

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 this 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:

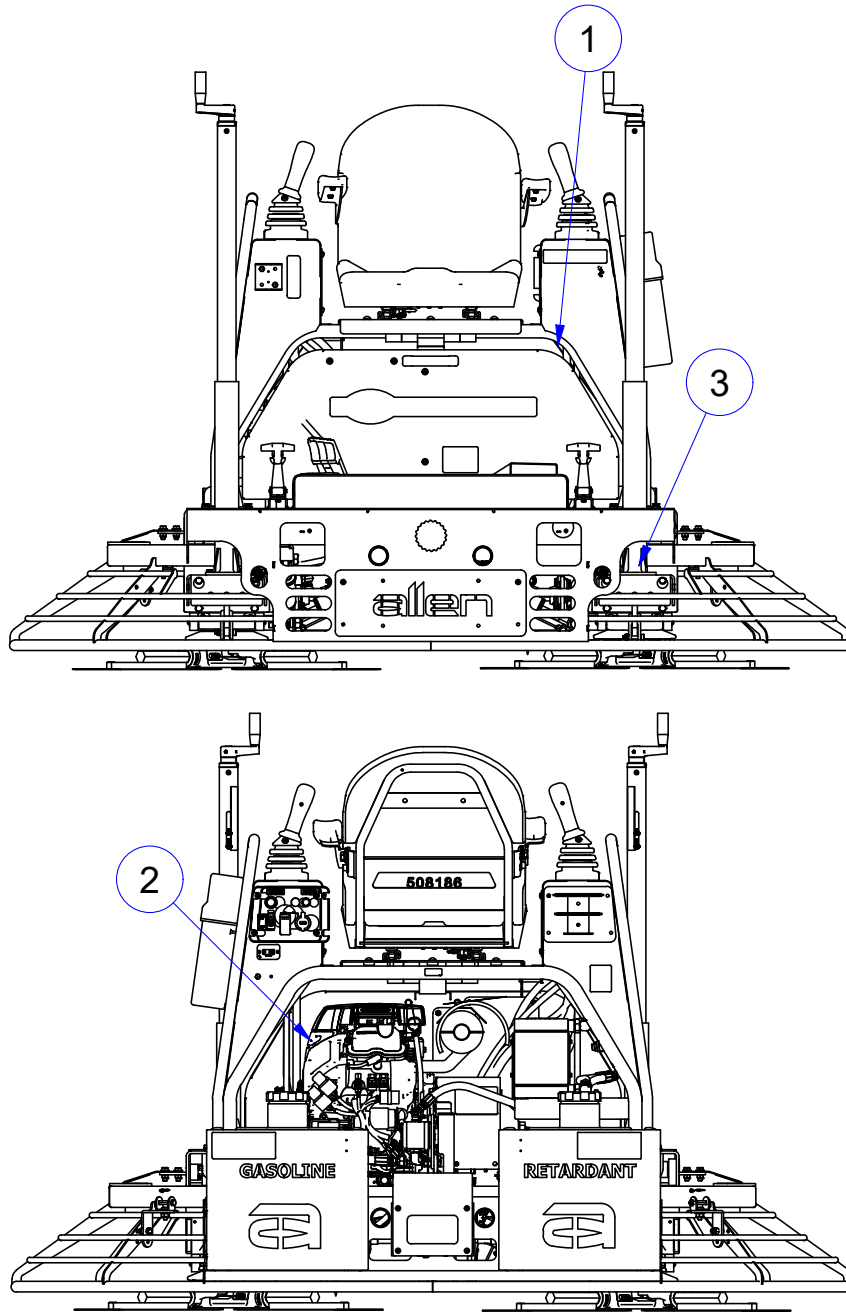
1. All orders for service parts must include the serial number for the machine. Shipment will be delayed if this information is not available.
2. Include the correct description and part number from Parts Section 1.
3. Specify exact shipping instructions, including the preferred routing and complete 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 (073490)

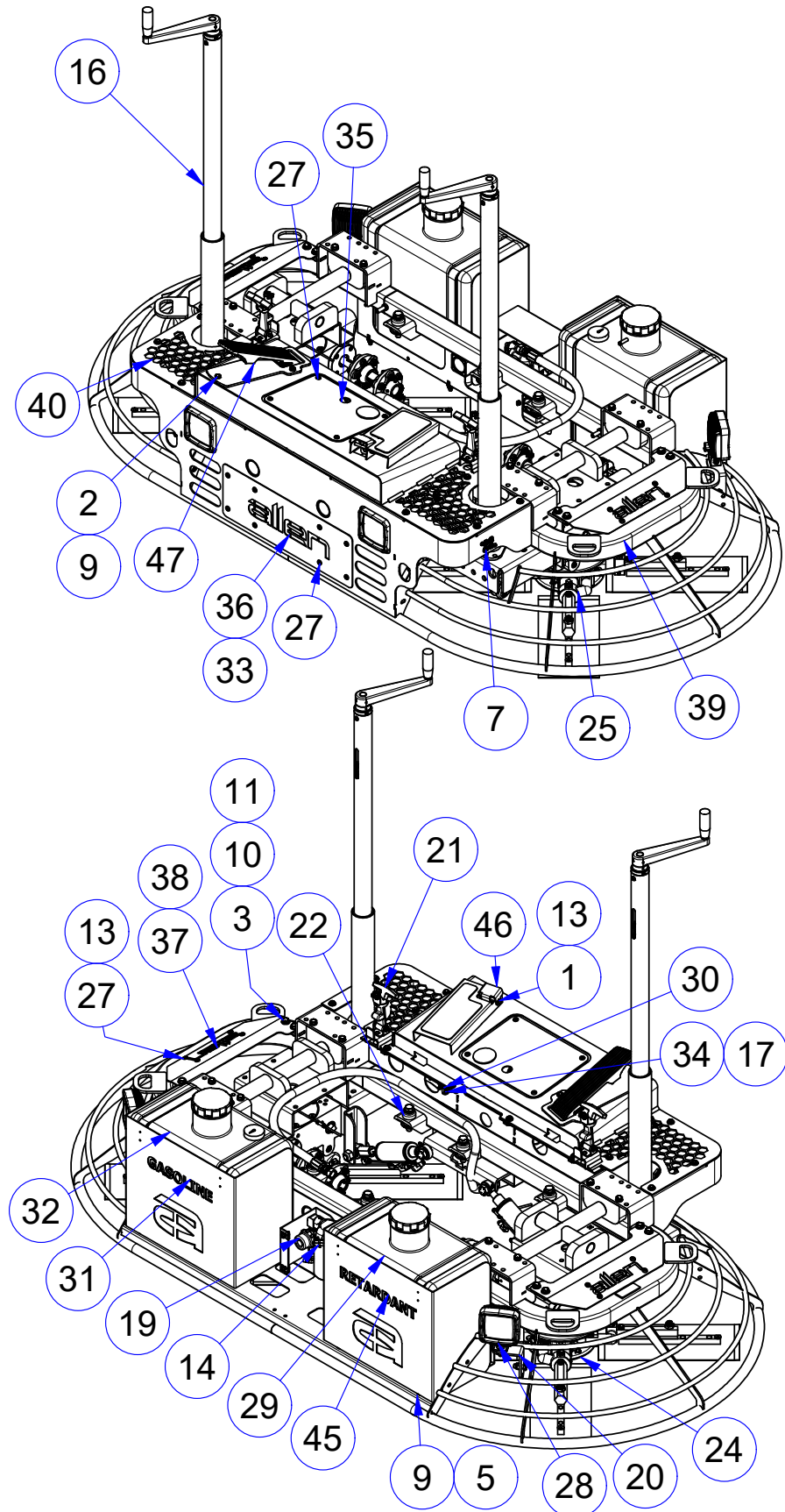


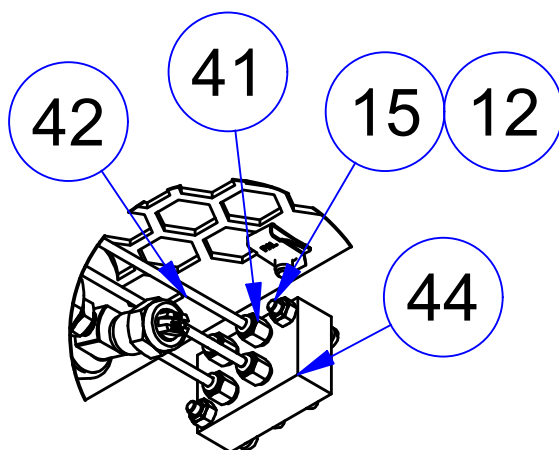
ITEM	PART #	DESCRIPTION	QTY
1	073455	ASSEMBLY, SEAT FRAME	1
2	073456	ASSEMBLY, POWER UNIT	1
3	073491	ASSEMBLY, MAIN FRAME	1
-	053222	HARNESS, LIGHT	1
-	074095	KIT, DECAL MP245	1
-	074139	KIT, SPRAY AND LUBRICATION	1
-	074404	HARNESS, ELECTRICAL FOR MP RIDERS	1
-	075958	KIT, HYDRAULIC MP245	1

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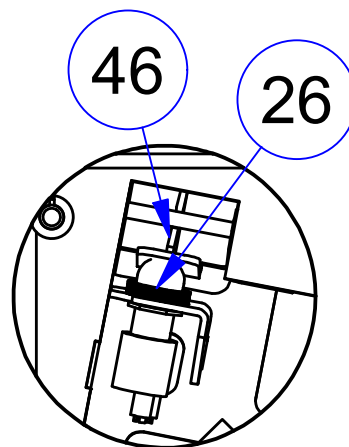
SECTION 1 PARTS

Main Frame Assembly (073491)

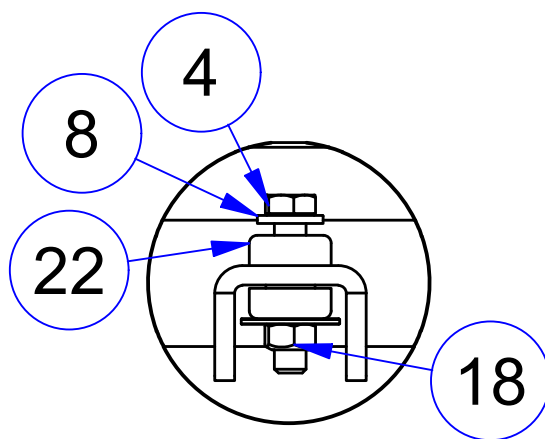




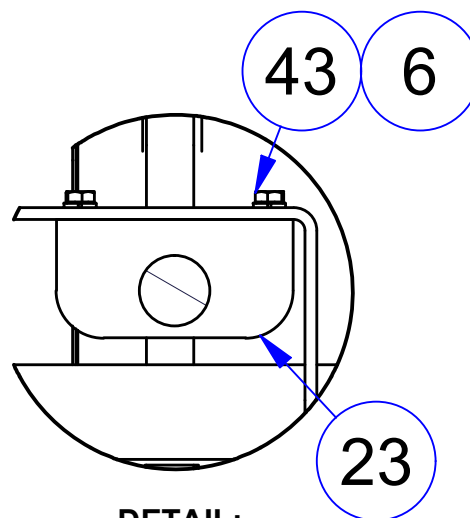
**DETAIL:
GREASE BLOCK**



**DETAIL:
SPRAY BUTTON**



**DETAIL: POWER
UNIT MOUNT**



**DETAIL:
BEARING BLOCK**

SECTION 1 PARTS

Main Frame Assembly (073491) Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	010009	FASTENER, HHCS 1/4-20 X 2 1/2	1
2	010019	FASTENER, HHCS 5/16-18 X 3/4	3
3	010036	FASTENER, HHCS 3/8-16 X 1 GR 8	16
4	010073	FASTENER, HHCS 1/2-13 X 2-1/2	6
5	010082	FASTENER, FW 5/16	24
6	010091	FASTENER, LW 3/8	9
7	010513	FITTING, STR GREASE 1/4"-28	4
8	011490	FASTENER, FW 1/2	6
9	012612	FASTENER, HEX NUT NYLOCK 5/16-18	11
10	017751	FASTENER, FW 3/8	8
11	020514	FASTENER, HEX NUT STOVER LOCK 3/8-16	8
12	029568	FASTENER, HEX NUT 10-32 NYLOCK	14
13	029671	FASTENER, HEX NUT 1/4-20 NYLOCK	13
14	033735	PUMP, SPRAY SYSTEM	1
15	036791	FASTENER, SCREW 10-32 X 3/8	6
16	038174	ASSEMBLY, PITCH CONTROL	2
17	039100	FASTENER, HEX NUT NYLOCK 8-32	2
18	040208	FASTENER, HEX NUT 1/2-13 STOVER	6
19	040209	FILTER, SPRAY SYSTEM	1
20	042140	LIGHT BRACKET	2
21	042260	LATCH, FRONT SCREEN	2
22	046744	MOUNT, ISOLATOR	6
23	048561	ASSEMBLY, BEARING BLOCK F/ ROTOR MOUNT	4
24	050024	ROTOR ASSEMBLY, RIGHT HAND	1
25	050028	ROTOR ASSEMBLY, LEFT HAND	1
26	068956	SWITCH, MOMENTARY	1
27	069737	FASTENER, SCREW PAN HEAD 1/4-20 X 3/4	24
28	069835	LIGHT, LED 1200 LUMENS 12V DC	2
29	071536	TANK, 7 GALLON RETARDANT	1
30	071599	FITTING, ONE TOUCH TEE 3/8" HOSE CONNECTION	1
31	072737	GUARD, TANK FOR 7 GALLON GAS TANKS	1
32	072854	TANK, 7 GALLON FUEL	1
33	072856	PLATE, BACKER FOR EMBLEM PLATE RIDERS	1
34	073283	FASTENER, HSCS 8-32 X 1" LONG	2

Main Frame Assembly (073491) Parts List Continued

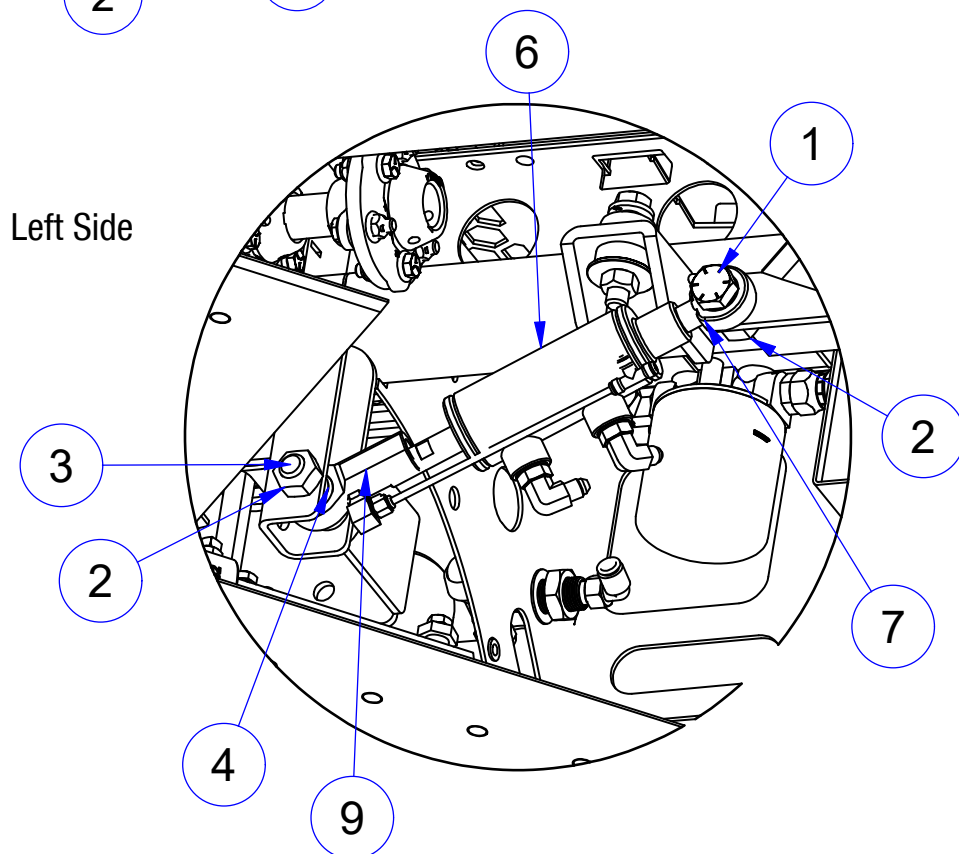
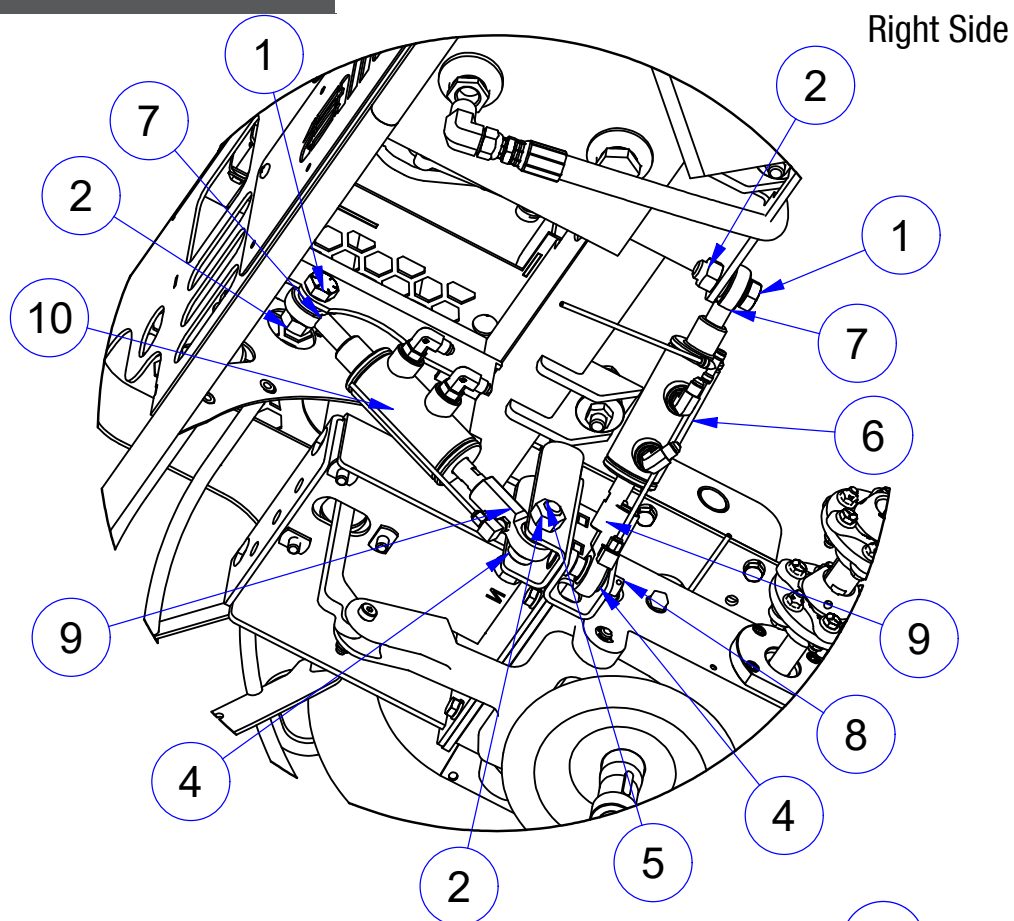
SECTION 1 PARTS

ITEM	PART NO.	DESCRIPTION	QTY
35	073458	COVER, FOR HYDR TANK TOP DECK MP245	1
36	073472	COVER FRONT CENTER	1
37	073482	PLATE, ROTOR COVER	2
38	073483	PLATE, BACKER FOR SMALL BRANDING PLATES	2
39	073492	WELDMENT, MAIN FRAME	1
40	073495	FRONT DECK	1
41	073815	FITTING, PUSH IN STRAIGHT FOR 4MM TUBING	4
42	073819	TUBING, 4 MM PLASTIC FOR GREASE LINE	15FT
43	074068	FASTENER, HHCS 3/8-16 X 1	8
44	074337	BLOCK, MANIFOLD GREASE PORTS	1
45	075422	GUARD, TANK FOR 7 GALLON RETARDANT TANKS	1
46	076300	WELDMENT, PEDAL WATER SWITCH FOR RIDERS	1
47	*081377	PEDAL ELECTRONIC, FLOOR MOUNT WITH HALL EFFECT SWITCH	1

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

SECTION 1 PARTS

Main Frame, Steering System



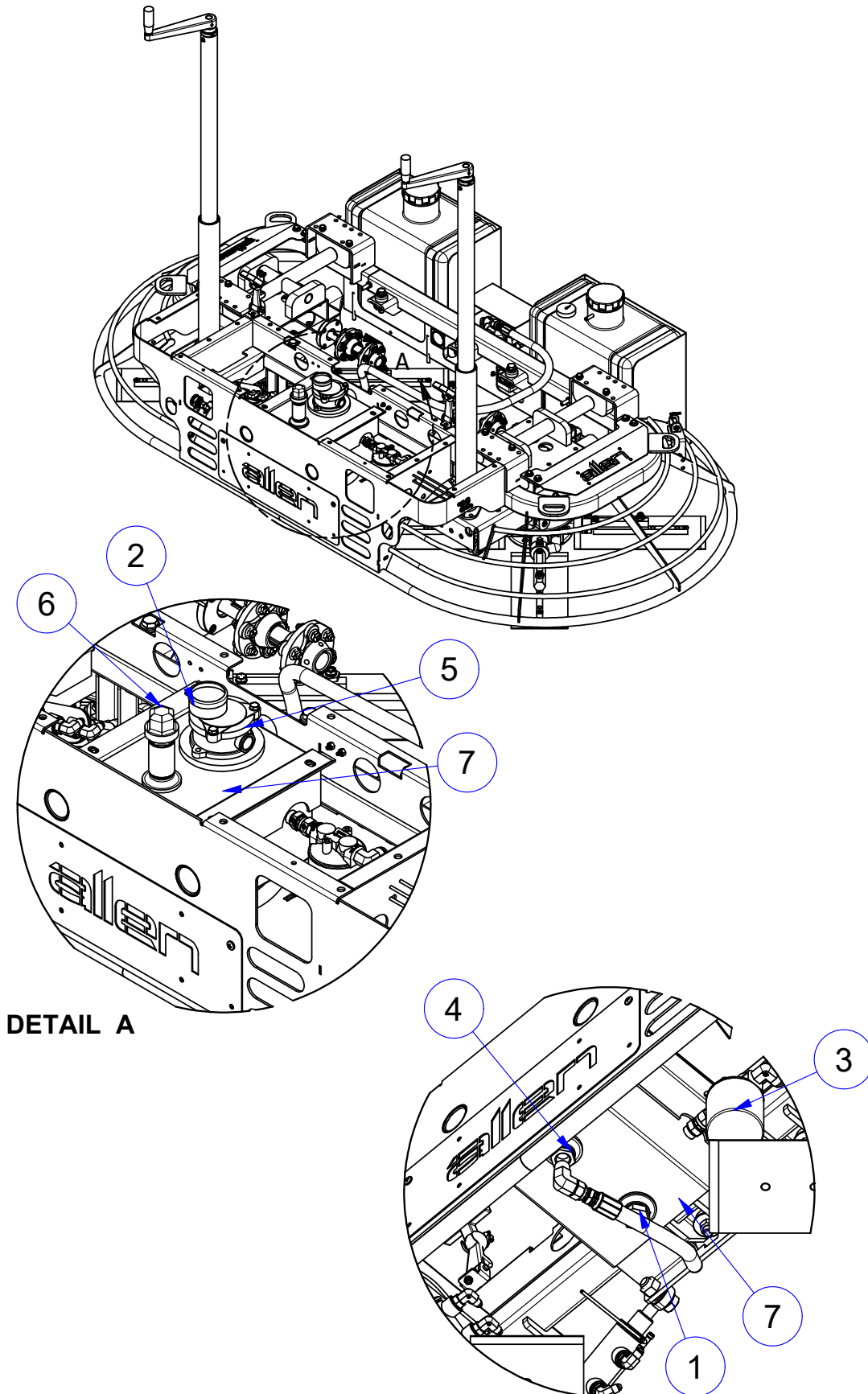
Main Frame, Steering System Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
1	040319	FASTENER, HHCS 5/8"-18 X 1-1/4"	3
2	043269	FASTENER, STOVER NUT 5/8"-18	5
3	043493	FASTENER, HHCS 5/8"-18 X 2-1/2"	1
4	048627	SPACER FOR STEERING CONNECTION	6
5	048629	FASTENER, HHCS 5/8"-11 X 3-3/4"	1
6	048661	STEERING CYLINDER, FORWARD/REVERSE	2
7	052596	ROD END, MALE 5/8"	3
8	065877	CLEVIS PIN, 5/8" X 2	1
9	066188	ROD END, FEMALE 5/8" W/ FITTING	3
10	078140	STEERING CYLIND, LH/RH	1

SECTION 1 PARTS

Main Frame, Hydraulic Tank (073486)



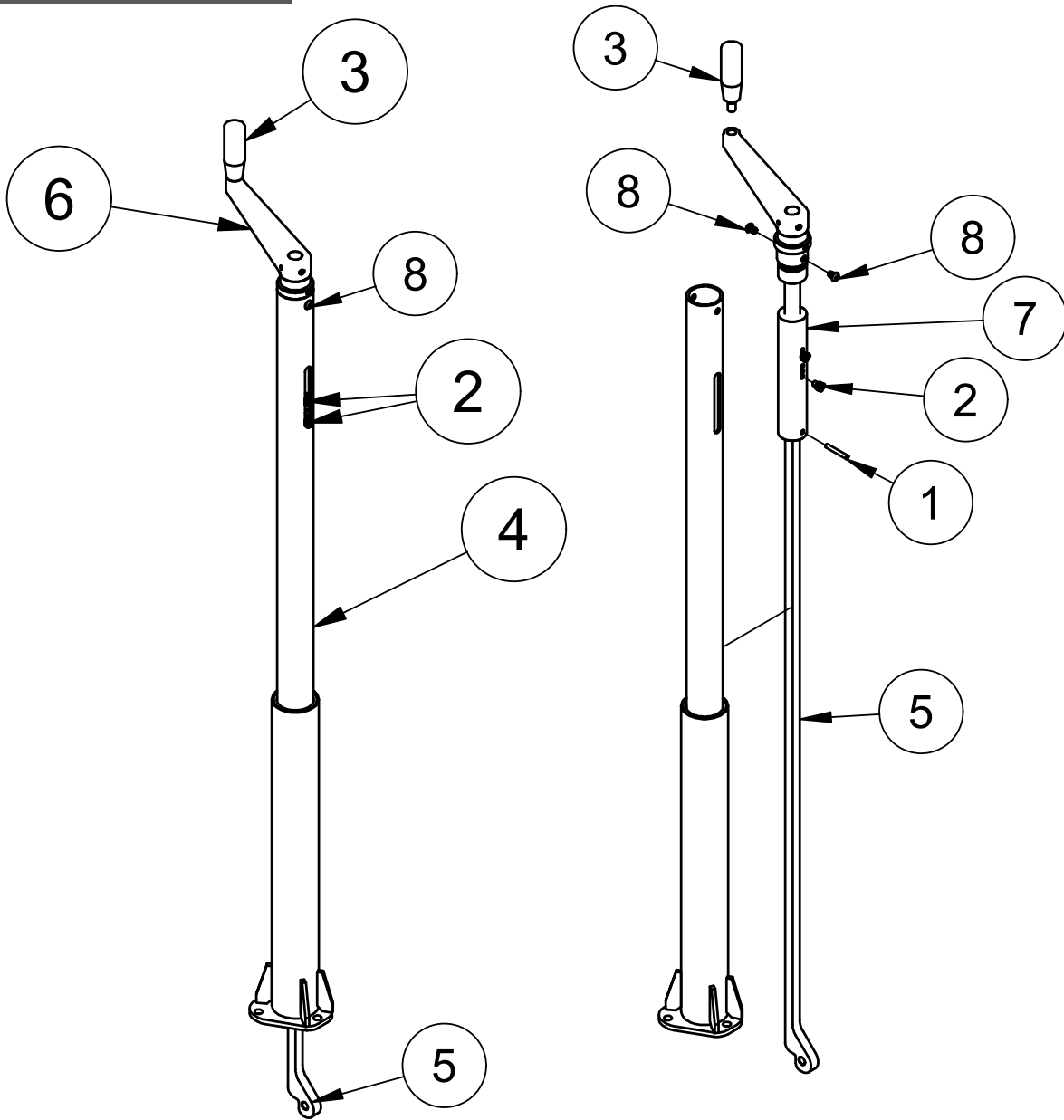
Main Frame, Hydraulic Tank (073486) Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
1	045948	FITTING, MAGNETIC PLUG	1
2	046241	GAUGE, RETURN FILTER	1
3	046730	FILTER ELEMENT	1
4	046732	SUCTION STRAINER	1
5	049978	RETURN LINE FILTER	1
6	073277	FILLER BREATHER	1
7	073486	ASSEMBLY, HYDRAULIC TANK FOR MP245	1

SECTION 1 PARTS

Pitch Control Assembly (038174)

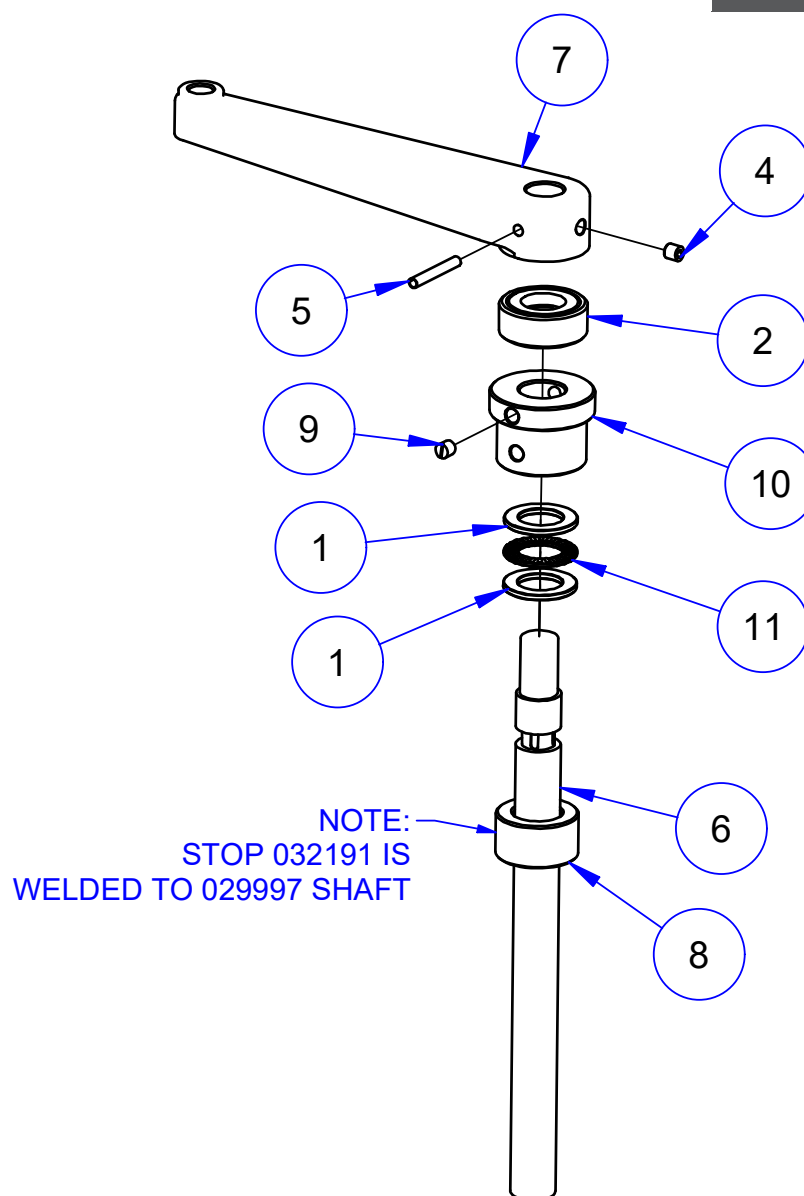


ITEM	PART #	DESCRIPTION	QTY
1	015747	PIN, ROLL 3/16 X 1-3/8 SPIRAL	1
2	015768	FASTENER, SHCS 1/4-20 X 1/4	2
3	032115	KNOB, PITCH CONTROL HANDLE	1
4	038176	WELDMENT, VANG AND KOH PITCH CONT TUBE	1
5	038178	PLATE, PITCH ROD 37 5/16 X 1/2	1
6	061529	CRANK HANDLE AND SCREW SHAFT ASSY, LONG	1
7	075902	BUSHING, SLIDE PITCH CONTROL	1
8	078505	FASTENER, SCREW HEX DRIVE 1/4"-20 X 3/8, SS THREAD LOCKING	2

***NOTE:** Part quantities referenced in this table represent quantity needed **PER MACHINE**.

Crank Handle Assembly (064529)

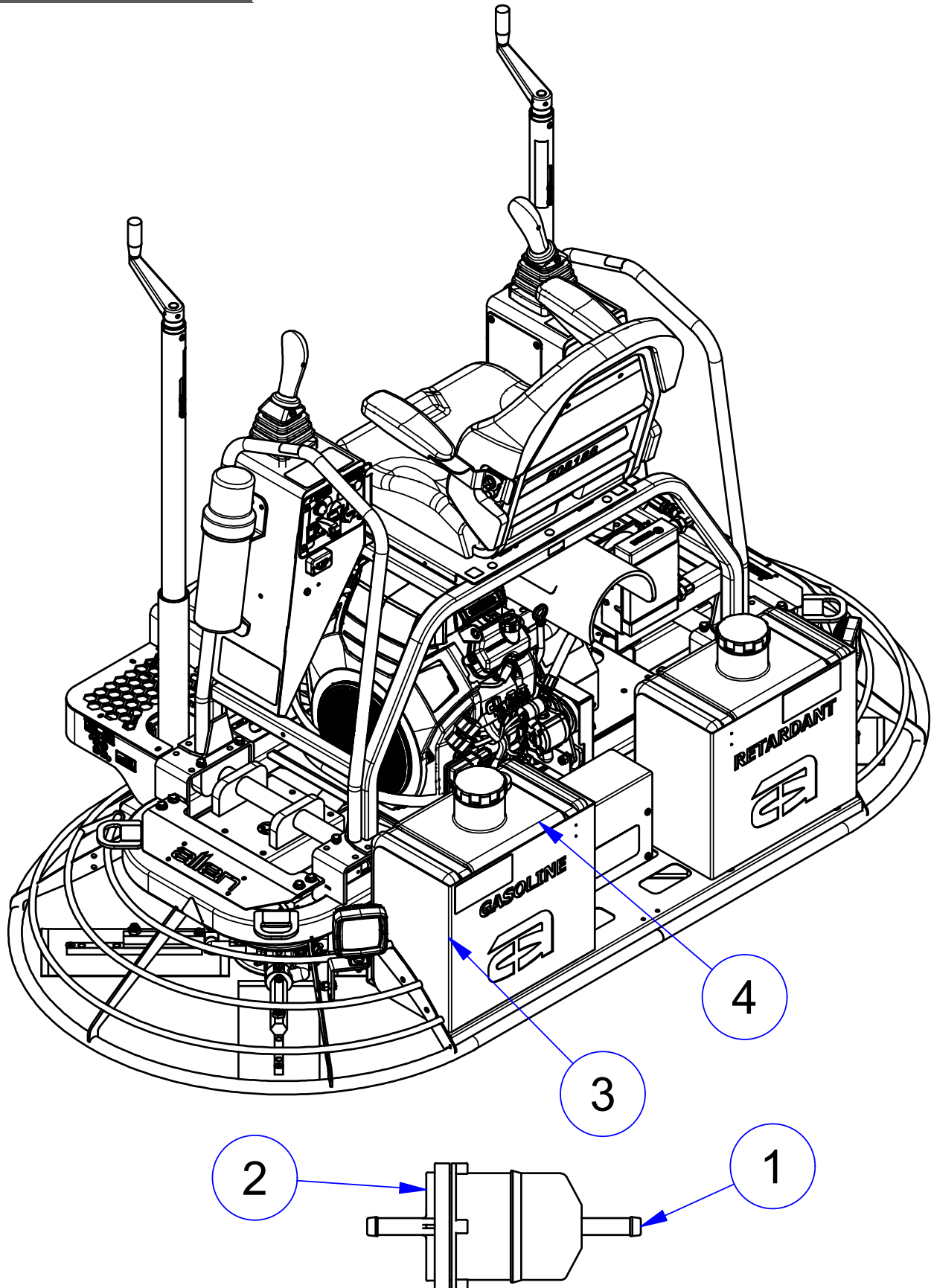
SECTION 1 PARTS



ITEM	PART #	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

Fuel System



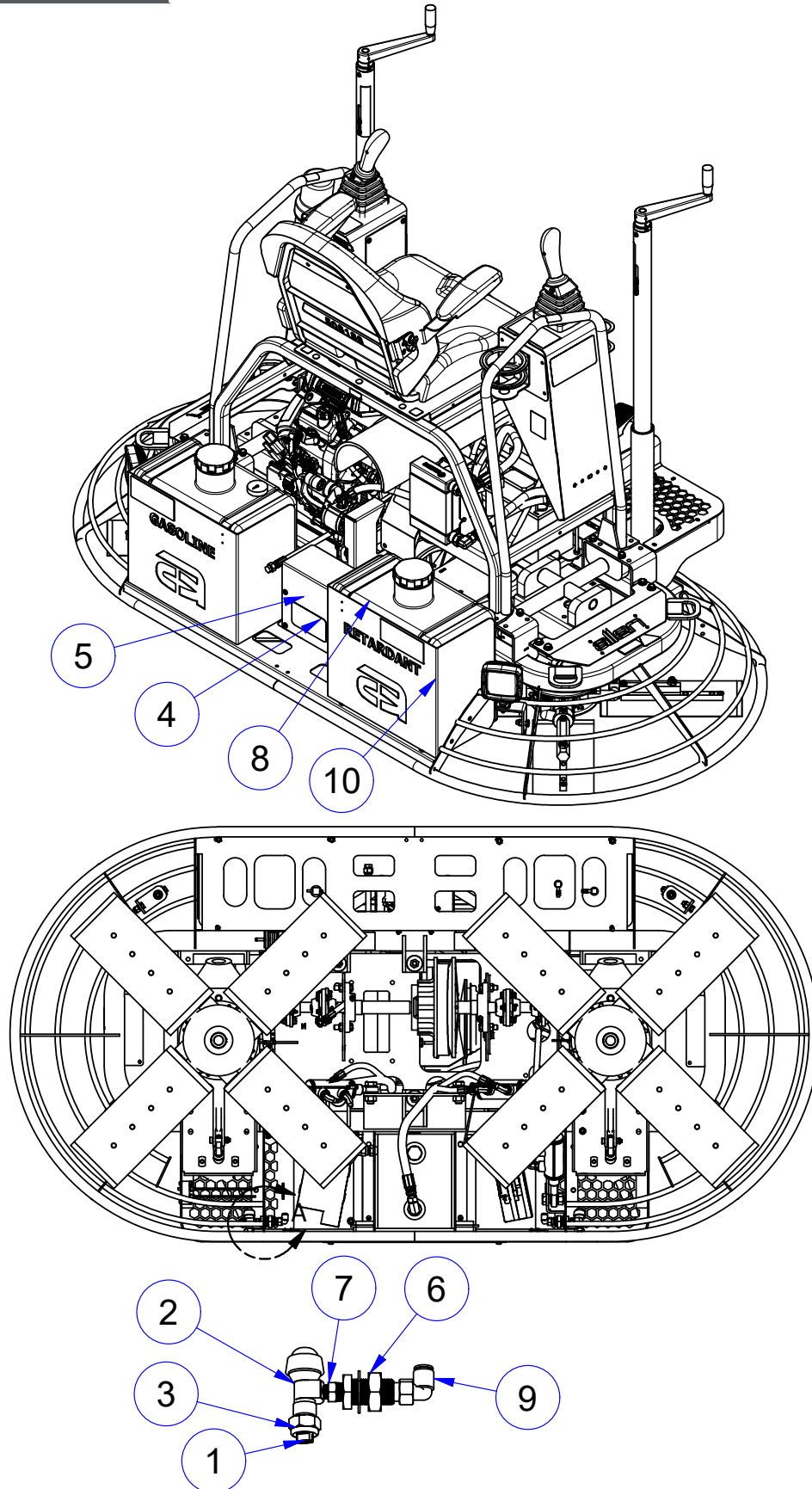
Fuel System Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
1	039155	HOSE, 1/4" FUEL	1
2	064833	FILTER, FUEL F/ HONDA GX700	1
3	072737	WELDMENT, GUARD FOR 7 GALLON TANK	1
4	072854	TANK, 7 GALLON GAS, EPA, W/CAP	1

SECTION 1 PARTS

Spray System



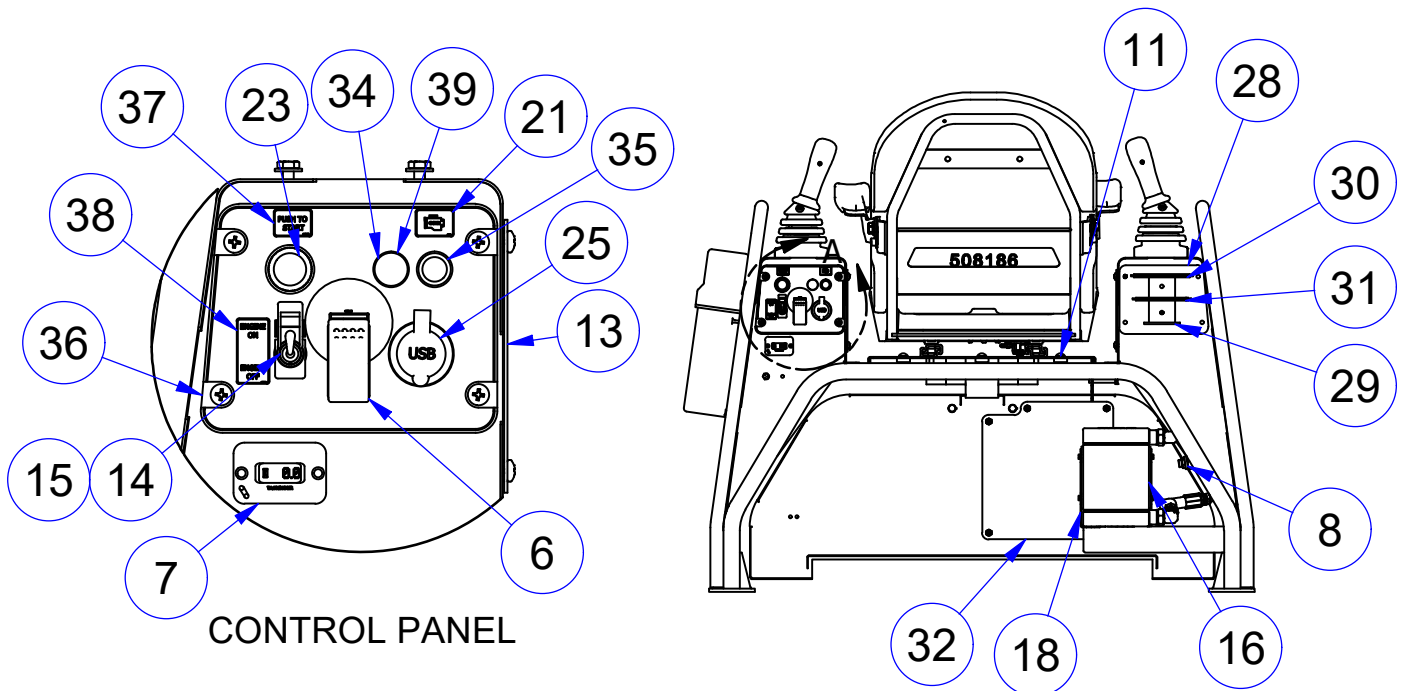
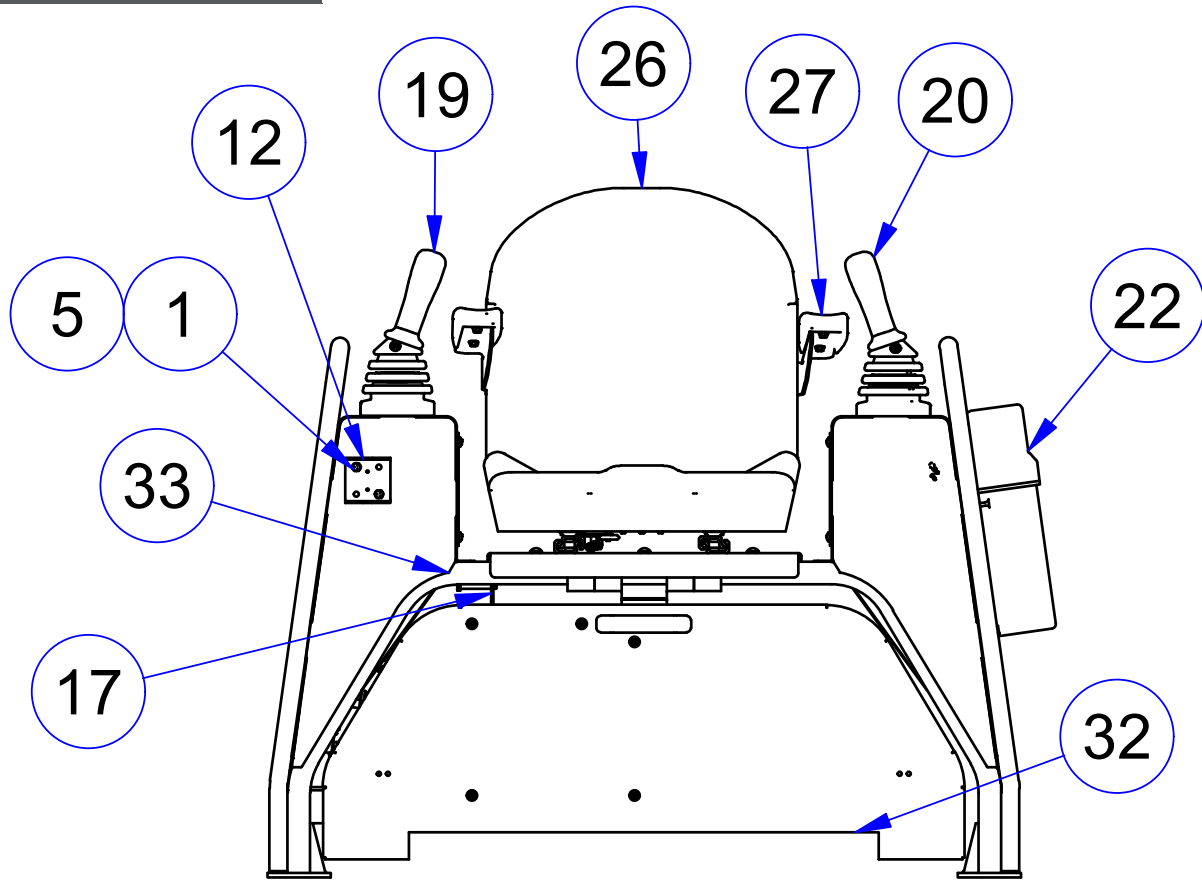
Spray System Parts List

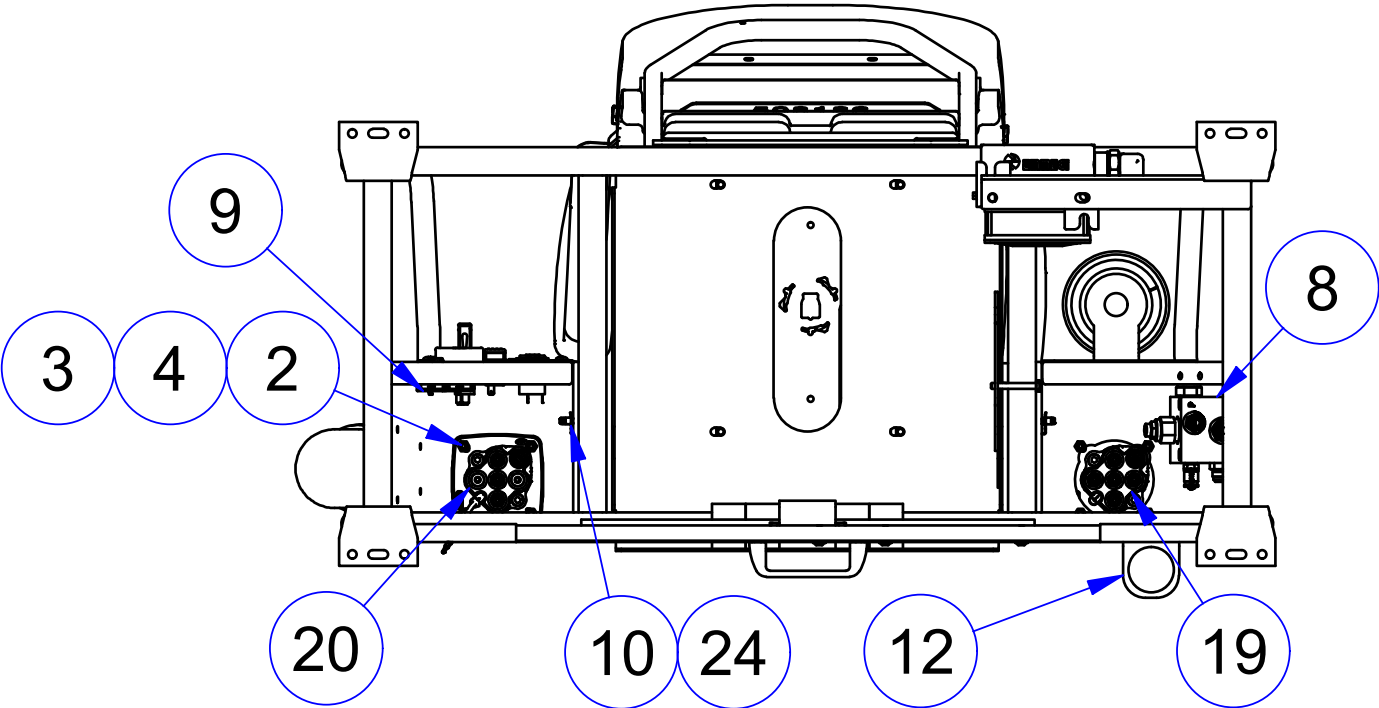
SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
1	012702	SPRAY TIP	1
2	012704	SPRAY NOZZLE	1
3	012705	SPRAY NOZZLE NUT	1
4	033735	PUMP, SPRAY SYSTEM	1
5	040209	FILTER, SPRAY SYSTEM	1
6	071016	FITTING, BRASS 1/4" NPT	1
7	071017	FITTING, 1/4" TO 1/8" NPT	1
8	071536	TANK, 7 GALLON RETARDANT	1
9	071596	FITTING, ELBOW 1/4" NPT TO 3/8" HOSE CONNECTION	1
10	072737	WELDMENT, GUARD FOR 7 GALLON TANK	1

SECTION 1 PARTS

Seat Frame Assembly (073455)





SECTION 1 PARTS

Seat Frame Assembly (073455) Parts List

ITEM	PART #	DESCRIPTION	QTY
1	010001	FASTENER, HHCS 1/4"-20 X 1/2"	3
2	010002	FASTENER, HHCS 1/4"-20 X 3/4"	8
3	010081	FASTENER, FLAT WASHER 1/4"	8
4	020542	FASTENER, STOVER NUT 1/4"-20	8
5	029671	FASTENER, NYLOCK HEX NUT 1/4"-20	3
6	032125	ROCKER SWITCH FOR LIGHTS	1
7	042036	HOUR METER	1
8	046735	MANIFOLD, HYDRAULIC STEERING	1
9	047052	RELAY, 12V 30/50A	2
10	047546	PAL NUT, 1/4"-20	12
11	047665	BUMPER, RUBBER	3
12	049632	BRACKET, TOOL HOLDER	1
13	050049	ACCESS PANEL	2
14	050603	TOGGLE SWITCH, ENGINE ON/OFF	1
15	050604	COVER, TOGGLE, SAFETY	1
16	052930	COOLER, AIR/OIL	1
17	053211	SEAT PROP	1
18	056340	DECAL ALLEN OVAL 4" X 6.67" WHITE	1
18	064247	BRACE F/ COOLER	2
19	064817	CONTROL VALVE, RIGHT HAND DUAL AXIS	1
20	064818	CONTROL VALVE, LEFT HAND SINGLE AXIS	1
21	065913	DECAL, GEARBOX OIL	1

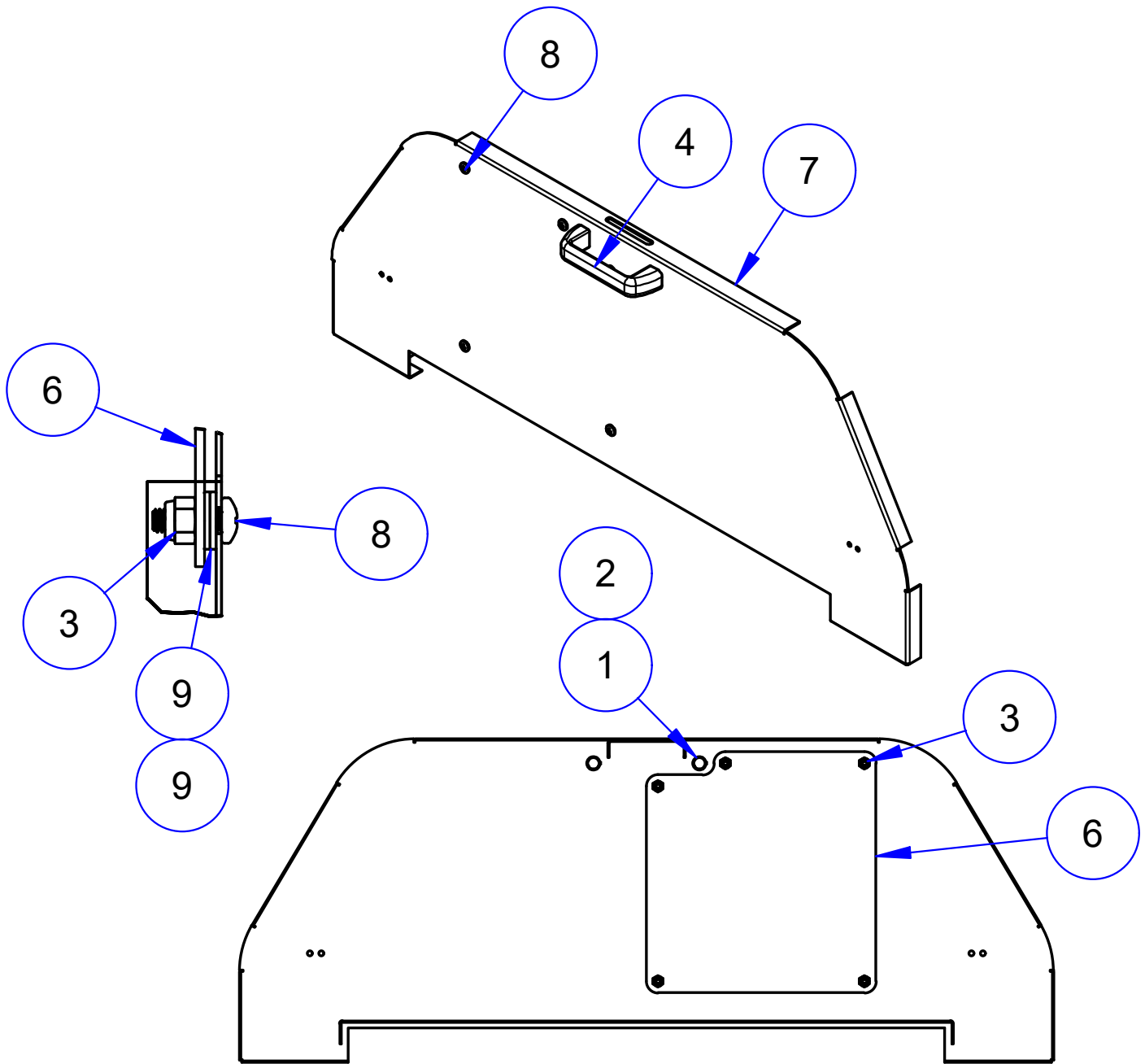
Seat Frame Assembly (073455) Parts List Continued

SECTION 1 PARTS

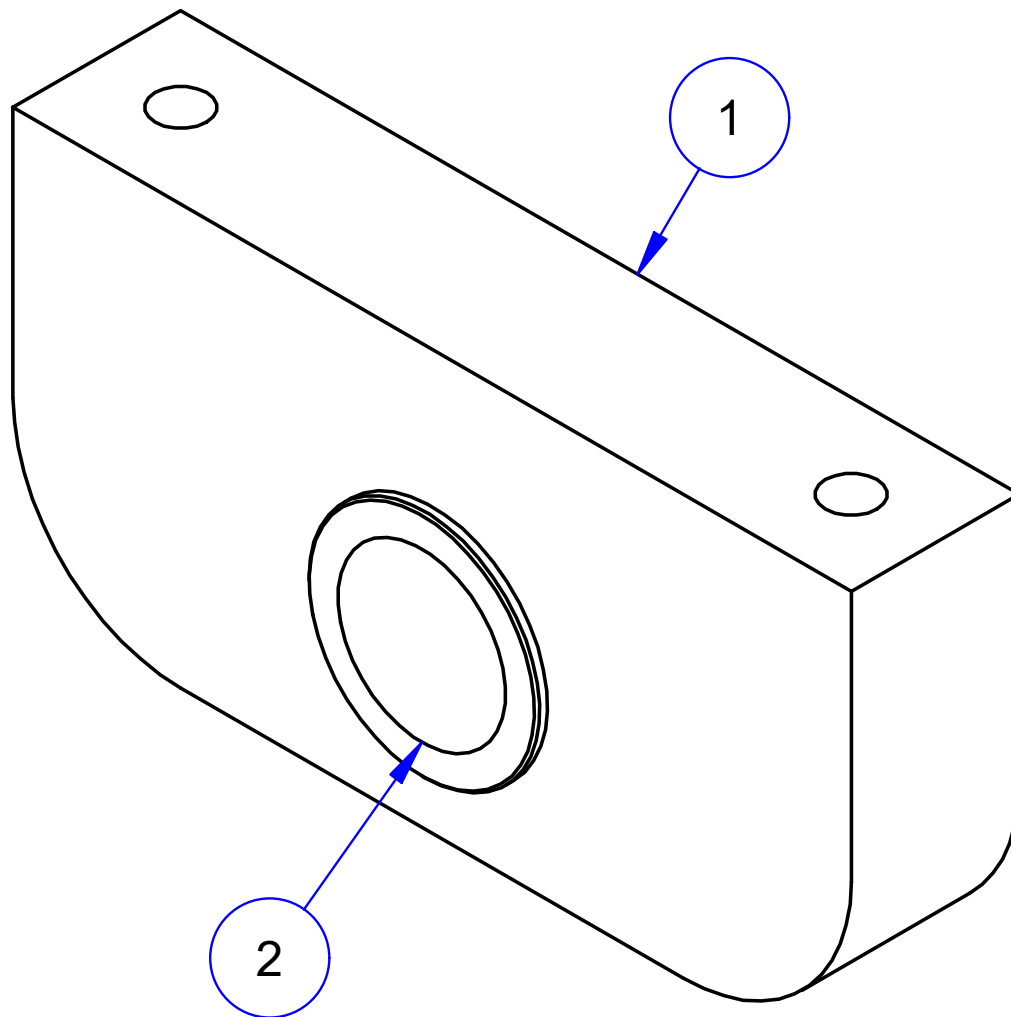
ITEM	PART #	DESCRIPTION	QTY
22	066255	MANUAL TUBE	1
23	068956	SWITCH, PUSH TO START	1
24	069737	FASTENER, PHS 1/4"-20 X 3/4"	12
25	069850	USB RECEPTICAL 12V	1
26	069874	SEAT	1
27	069875	SEAT, ARM REST (RH/LH SET)	1
28	070479	COVER, RIGHT HAND	1
29	071120	METAL CUP HOLDER	1
30	071123	TRIM CUT FOR TOP SECTION OF CUP HOLDER	1
31	071124	TRIM CUT FOR MIDDLE SECTION OF CUP HOLDER	1
32	073450	ASSEMBLY, FRONT SCREEN	1
33	073454	WELDMENT, SEAT FRAME	1
34	073813	PLUG, BLACK SNAP-IN PLASTIC FOR 9/16" I.D	1
35	073948	LIGHT, RED LED	1
36	074010	ENGINE CONTROL PANEL	1
37	074011	DECAL, PUSH TO START	1
38	074012	DECAL, ENGINE ON/OFF	1
39	079311	DECAL, LEFT HAND WRAP CONTROL	1

SECTION 1 PARTS

Front Screen Assembly (073450)



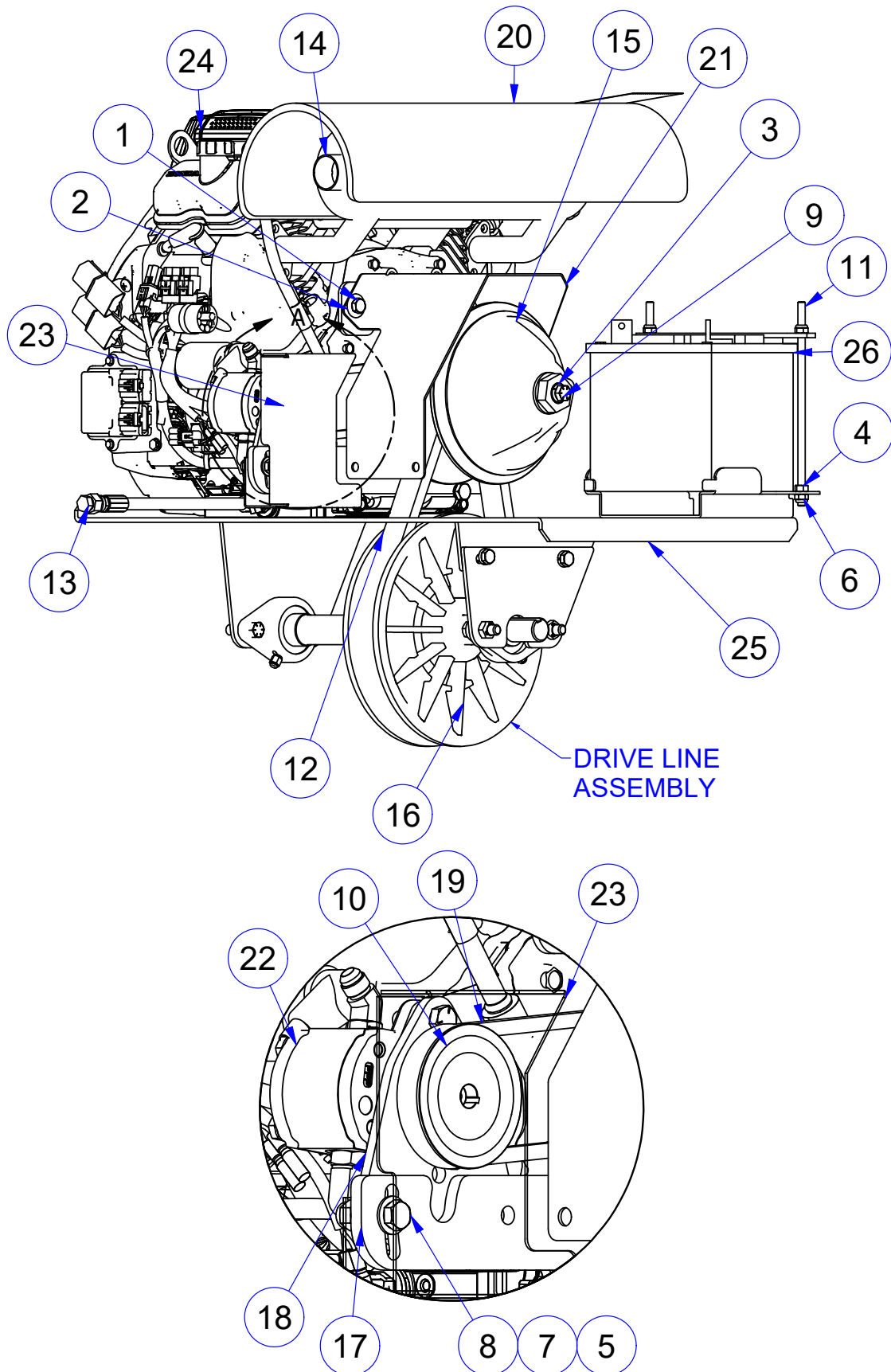
ITEM	PART #	DESCRIPTION	QTY
1	010018	FASTENER, HHCS 5/16 -18 X 1/2	2
9	010081	FASTENER, FW 1/4	10
2	010090	FASTENER, LW 5/16	2
3	029671	FASTENER, HEX NUT 1/4-20 NYLOCK	5
4	048678	HANDLE, LOAD RATED NYLON	1
8	069737	FASTENER, SCREW PAN HEAD 1/4-20 X 3/4	5
6	073408	PLATE, HEAT SHIELD FOR FRONT COVER MP245	1
7	073510	WELDMENT, FRONT SCREEN FOR MP245	1



ITEM	PART #	DESCRIPTION	QTY
1	048559	BLOCK, BEARING HOUSING FOR CROSSHEAD	1
2	048560	BEARING, Ø1 ID PLASTIC FLANGE	1

SECTION 1 PARTS

Power Unit Assembly (073456)

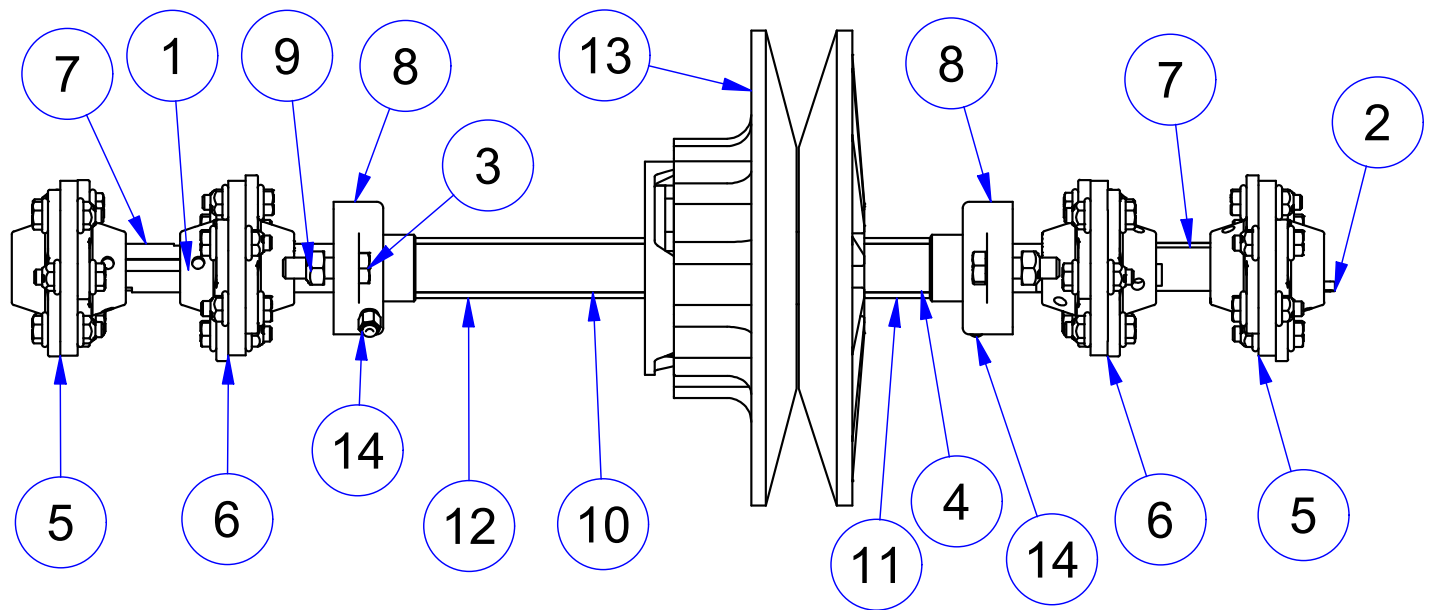


Power Unit Assembly (073456) Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
1	010035	FASTENER, HHCS 3/8"-16 X 3/4"	4
2	010083	FASTENER, FLAT WASHER 3/8"	2
3	010092	FASTENER, LOCK WASHER 7/16"	3
4	010100	FASTENER, HEX NUT 5/16"-18	2
5	010464	FASTENER, HEX NUT NYLOK 3/8"-16	4
6	012612	FASTENER, HEX NUT NYLOCK 5/16"-18	4
7	017751	FASTENER, FLAT WASHER 3/8"	2
8	028402	FASTENER, HHCS 3/8"-16 X 1-1/2"	2
9	042280	FASTENER, SCREW HHCS 7/16"-20 X 4-1/2"	1
10	046550	PULLEY, AK30 X 1/2" BORE W/2SS	1
11	047715	ROD, 5/16"-18 X 8-5/8"	2
12	051332	BELT, CVT	1
13	051980	DRAIN HOSE	1
14	051981	MUFFLER	1
15	053327	DRIVER PULLEY, CLUTCH	1
16	053389	DRIVEN PULLEY	1
17	056906	ENGINE CONNECTING PLATE	1
18	056912	WELDMENT, HYD. PUMP MOUNTING PLATE	1
19	056922	V BELT, A22 HI POWER	1
20	056938	HEAT WRAP, 14" X 20"	1
21	065435	CLUTCH COVER	1
22	066794	GEAR PUMP, HYDRAULIC	1
23	067432	GUARD FOR PUMP	1
24	073485	ENGINE, HONDA IGX700	1
25	074300	WELDMENT, ENGINE MOUNTING PLATE	1
26	BT0100	BATTERY	1

Driveline Assembly

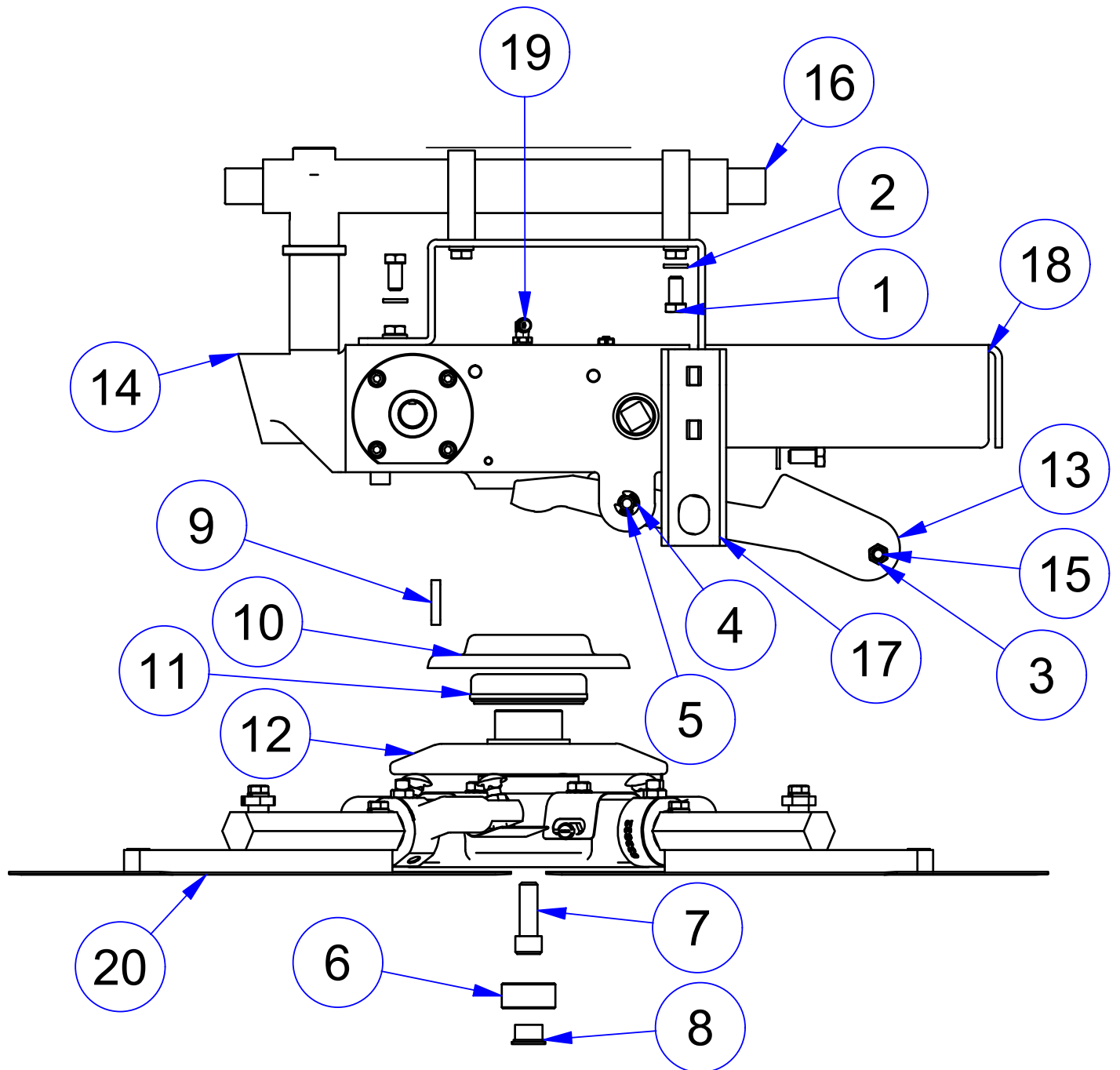


Driveline Assembly Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
1	011791	KEY, 1/4" SQ X 1"	6
2	015813	KEY, 3/16" SQ X 1"	2
3	017898	FASTENER, HHCS 7/16"-20 X 1-1/2"	4
4	024820	KEY, FOR DRIVEN PULLEY, 1/4" SQ X 4"	1
5	024967	COUPLER, Ø3/4" X Ø1"	2
6	024968	COUPLER, Ø1" X Ø1"	2
7	024971	SHAFT, DRIVE END 3-1/8"	2
8	039136	1" FLANGED TWO BOLT BEARING	2
9	047477	FASTENER, STOVER NUT, 7/16"-20	4
10	050070	SHAFT, DRIVE 17-1/2"	1
11	053193	SPACER, BEARING, 1-3/8"	1
12	053194	SPACER, BEARING, 4-3/4"	1
13	053389	DRIVEN PULLEY	1
14	073817	FITTING, STRAIGHT PUSH IN 4MM TUBING 1/8" NPT	2

Left Hand Rotor Assembly (050028)



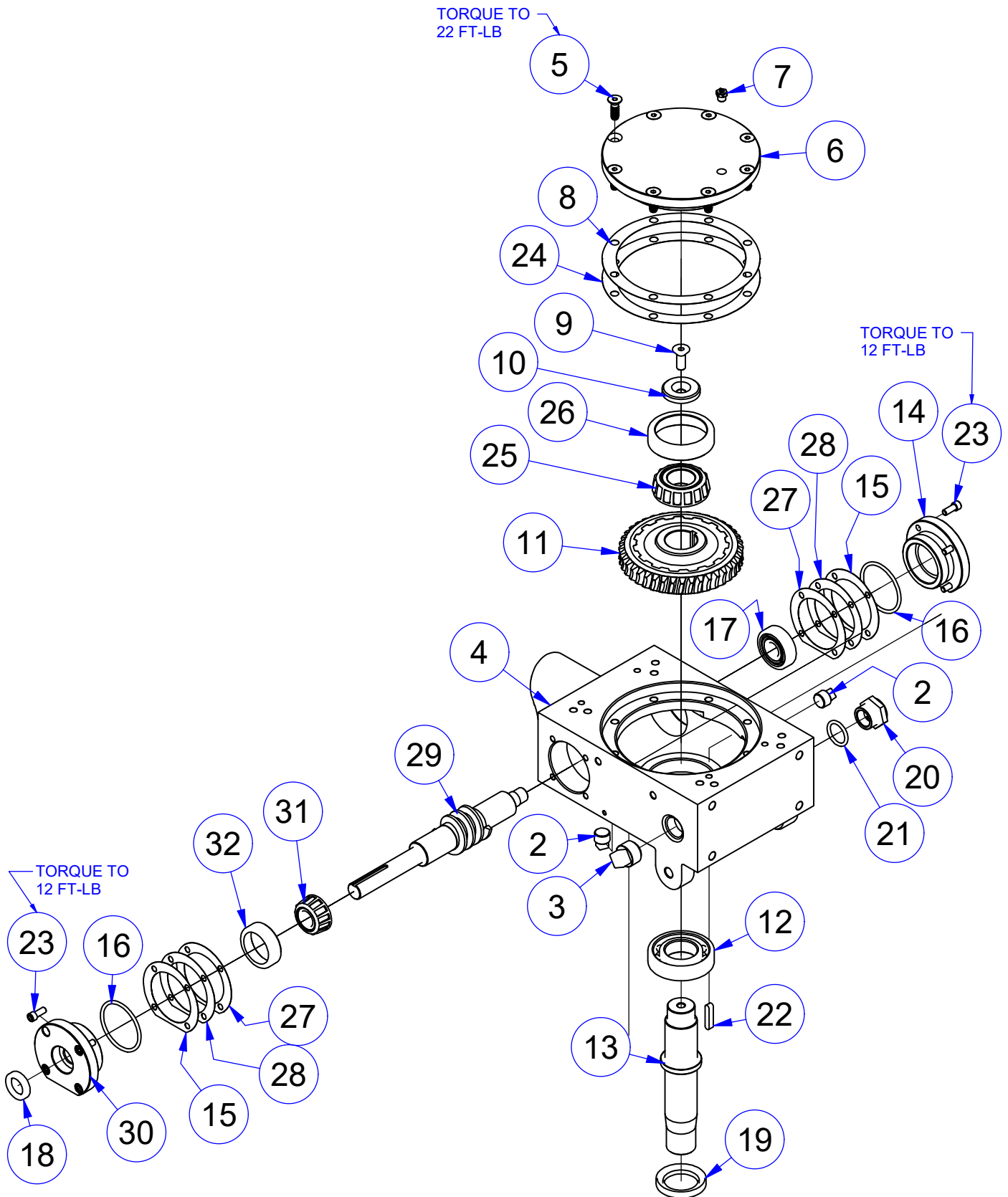
Left Hand Rotor Assembly (050028) Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
1	010035	FASTENER, HHCS 3/8"-16 X 3/4"	10
2	010091	FASTENER, LOCK WASHER 3/8"	10
3	012612	FASTENER, HEX NUT NYLOCK 5/16"-18	1
4	015677	RETAINING RING E-STYLE DIA. 7/16"	2
5	015678	PIN, YOKE ARM	1
6	015690	WASHER, RETAINING	1
7	015691	FASTENER, SCREW SHCS 1/2"-13 X 1-1/2" RH	1
8	015693	PLUG, PLASTIC CAP EC12	1
9	015696	KEY, 1/4" X 1-1/4" LG	1
10	015821	CAP, PRESSURE PLATE	1
11	015822	THRUST BEARING	1
12	015824	PLATE, PRO RIDER/WALKER PRESSURE	1
13	026215	YOKE, ARM	1
14	026442	GEARBOX, STD 900/1200 LH (SOM)	1
15	026504	FASTENER, 5/16"-18 X 1/2" X Ø3/8" X 1-1/4" SHOULDER SCREW	1
16	050022	CROSSHEAD, 2-WAY	1
17	050025	CYLINDER MOUNT BRACKET WELDMENT	1
18	069473	GEARBOX HOUSING	1
19	074094	FITTING, 90 DEGREE 4MM TUBE X 1/4-28 SWIVEL	1
20	079262	ASSEMBLY, SPIDER LH MP215 AND 245	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.

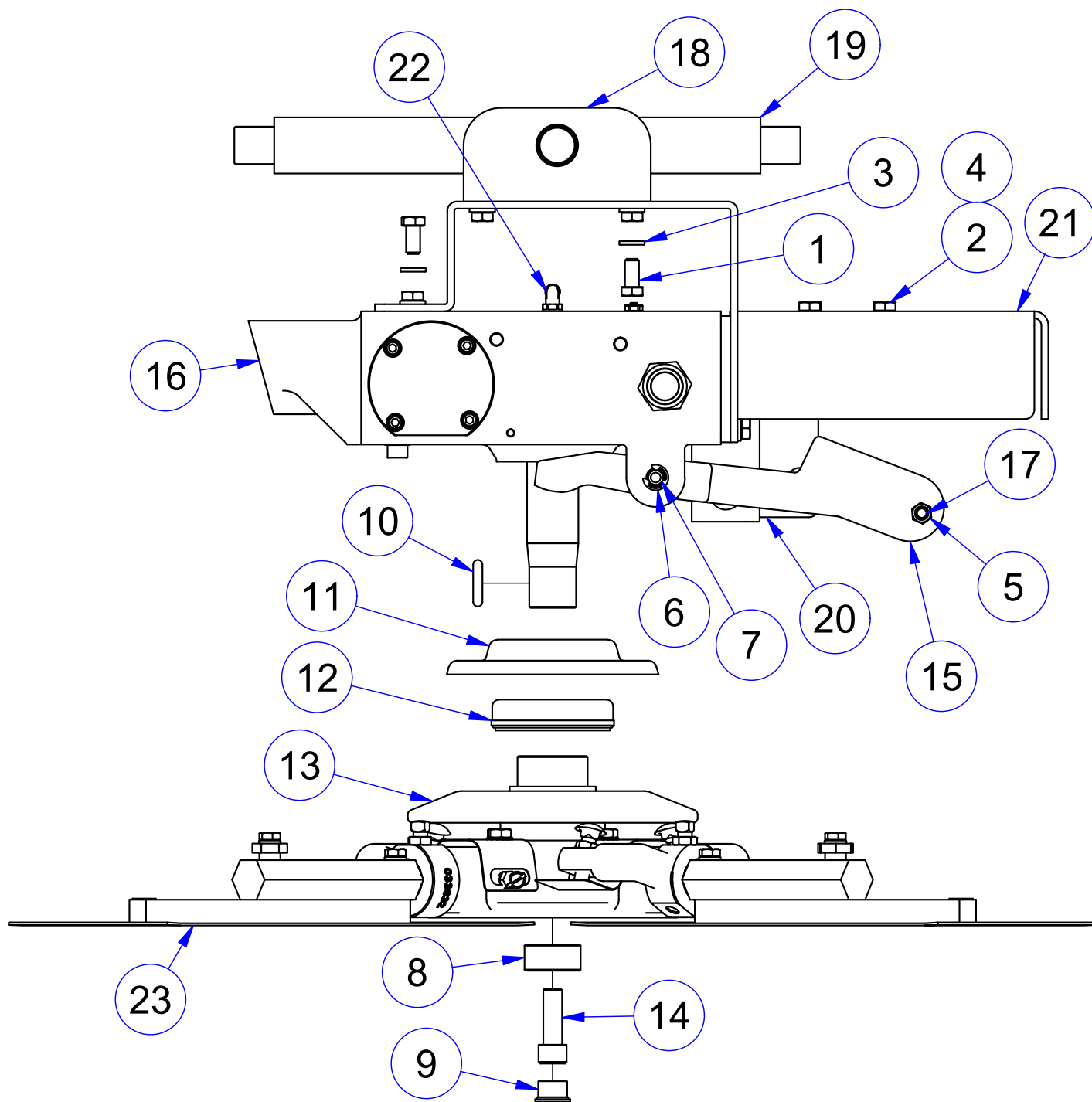
Left Hand Gearbox Assembly (026442) Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
1	-	OIL, GEARBOX KLUBER GH-460	0.757 GAL.
2	010498	PLUG, 3/8" NPT	2
3	012953	PLUG, 3/4" NPT	1
4	015204	GEARBOX, MACHINE FINISHED	1
5	015205	FASTENER, FHSS 5/16"-18 X 1"	8
6	015208	COVER, FOR GEARBOX	1
7	015209	RELIEF VALVE, 1/8"-27 NPT	1
8	015210	GASKET, 0.005" THICK FOR TOP COVER	AS REQ.
9	015212	FASTENER, FHSS 3/8"-16 X 1" LH THREAD	1
10	015213	PRESSURE WASHER	1
11	015216	GEAR, BRONZE RH	1
12	015217	BEARING, RADIAL BALL	1
13	015219	SHAFT, MAIN	1
14	015221	CAP, GEARBOX END FLANGE	1
15	015222	GASKET, 0.005" THICK FOR END FLANGE	AS REQ.
16	015660	O-RING, FOR GEARBOX END CAPS	2
17	015663	BEARING, ANGLED CONTACT	1
18	015670	SEAL, OIL CR#7455V	1
19	015671	SEAL, OIL CR#13661	1
20	015672	GAUGE, 3/4"-14 NPT PORTHOLE VIEW	1
21	015673	O-RING, 15/16" X 1-3/16" X 1/8" BUNA	1
22	015696	KEY, 1/4" X 1-1/8"	1
23	017314	FASTENER, SHCS 1/4"-20 X 5/8"	8
24	020018	GASKET, 0.003" FOR TOP COVER	AS REQ.
25	022073	BEARING, TAPER ROLLER	1
26	022074	BEARING, RACE	1
27	022185	GASKET, 0.002" FOR END CAP FLANGE	AS REQ.
28	022186	GASKET, 0.003" FOR END CAP FLANGE	AS REQ.
29	026740	SHAFT, INPUT RH	1
30	044601	FLANGE, GEARBOX	1
31	044603	BEARING, TAPER ROLLER	1
32	044604	BEARING, RACE	1

SECTION 1 PARTS

Right Hand Rotor Assembly (050024)



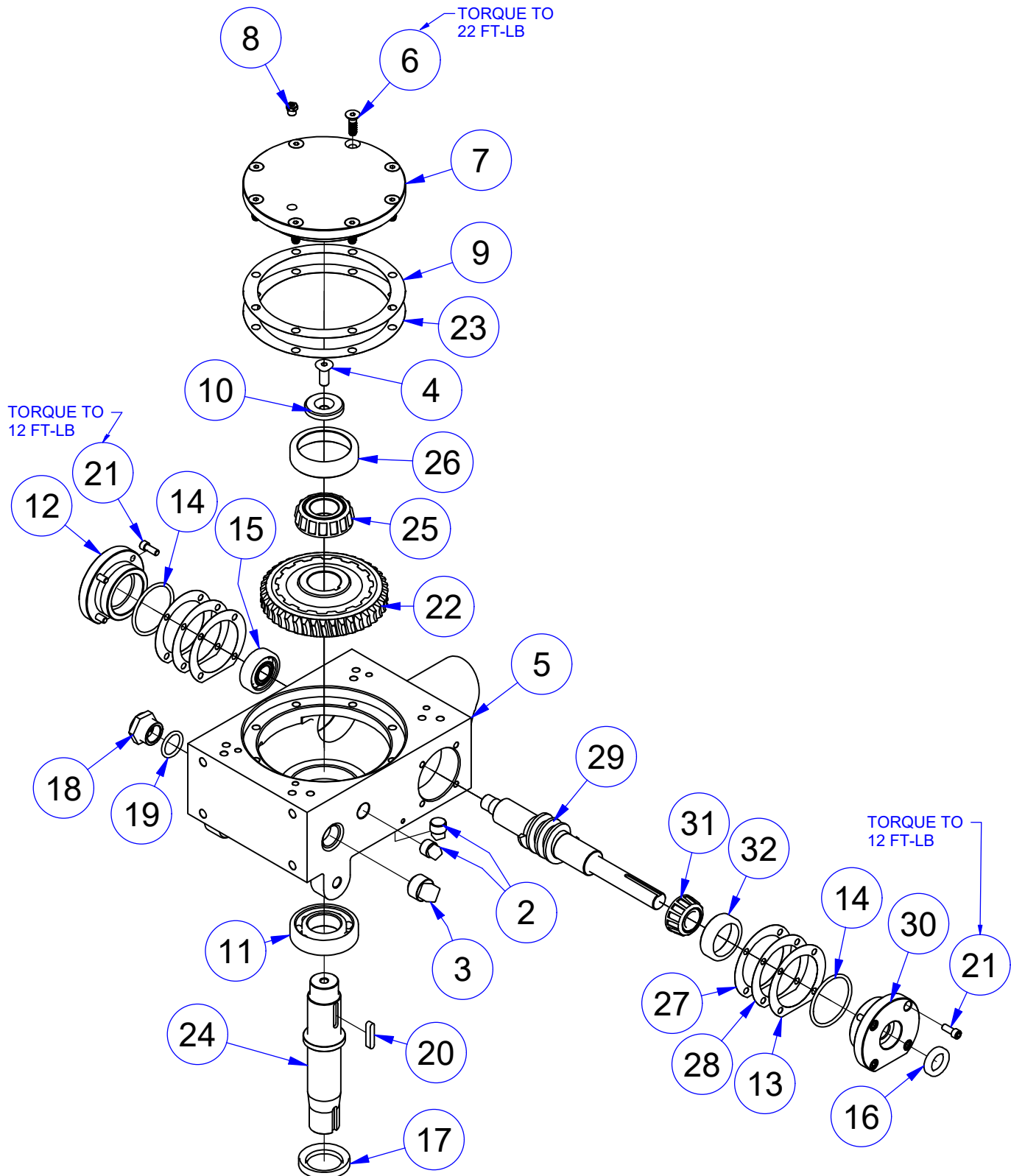
Right Hand Rotor Assembly (050024) Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
1	010035	FASTENER, HHCS 3/8-16 X 3/4"	10
2	010036	FASTENER, HHCS 3/8"-16 X 1"	2
3	010091	FASTENER, LOCK WASHER 3/8"	10
4	010464	FASTENER, HEX NUT NYLOCK 3/8"-16	2
5	012612	FASTENER, HEX NUT NYLOCK 5/16"-18	1
6	015677	RETAINING RING DIA. 7/16" E-STYLE	2
7	015678	PIN, YOKE ARM	1
8	015690	WASHER, RETAINING	1
9	015693	PLUG, PLASTIC CAP EC12	1
10	015696	KEY, 1/4" X 1-1/4" LG	1
11	015821	PRESSURE PLATE CAP	1
12	015822	THRUST BEARING	1
13	015824	PRESSURE PLATE	1
14	020155	FASTENER, SCREW SHCS 1/2"-13 X 1-1/2" LH	1
15	026215	YOKE ARM	1
16	026443	ASSEMBLY, GEARBOX STANDARD RIGHT HAND	1
17	026504	SHOULDER SCREW, 5/16"-18 X 1/2" X DIA. 3/8" X 1-1/4"	1
18	048561	ASSEMBLY, ROTOR MOUNT BEARINGS	2
19	050020	CROSSHEAD, FOUR WAY	1
20	050031	BRACKET, CYLINDER	1
21	069473	GEARBOX HOUSING	1
22	074094	FITTING, 90° 4MM TUBE X 1/4"-28 SWIVAL	1
23	079263	ASSEMBLY, SPIDER RH MP215 AND 245	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.

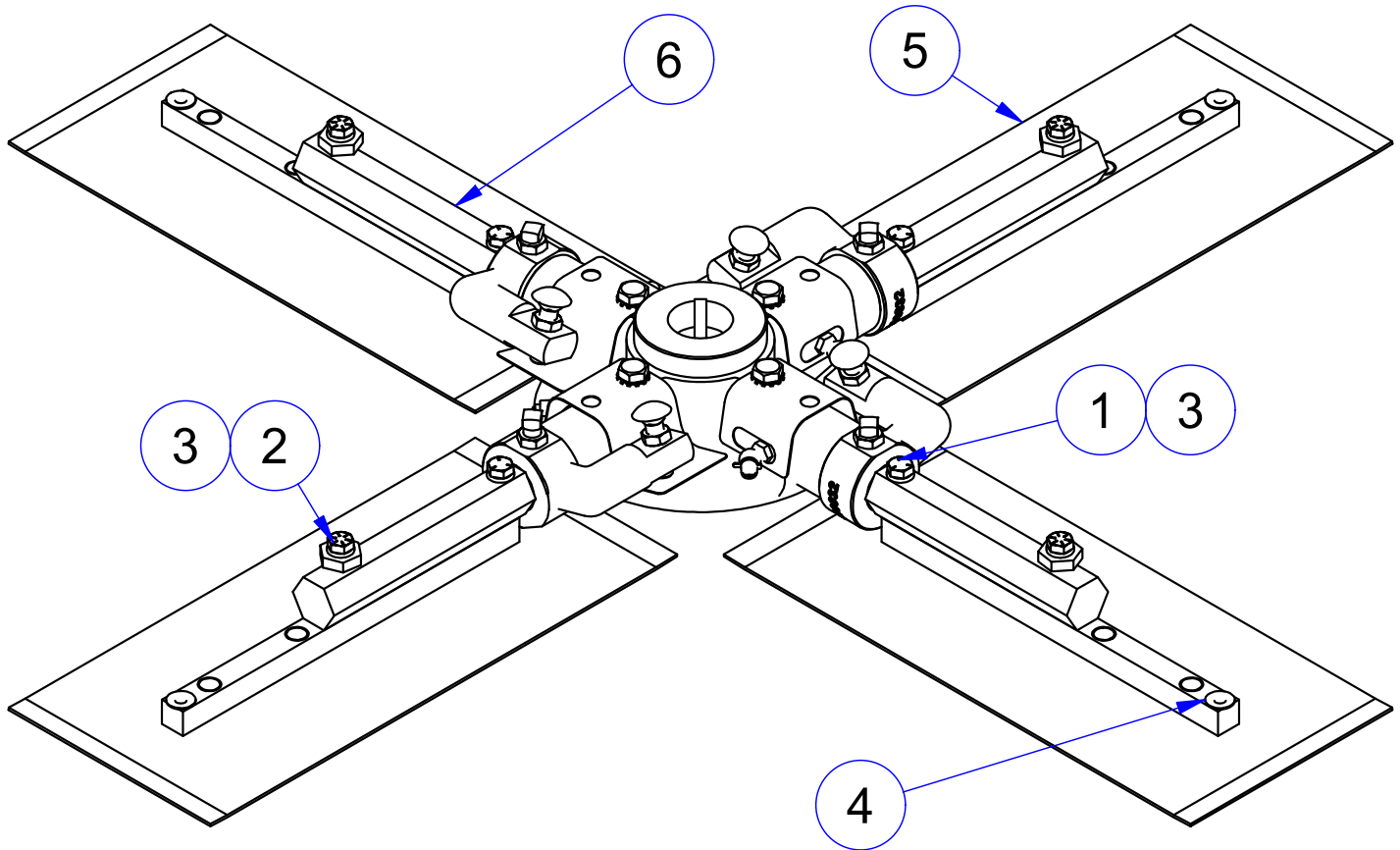
Right Hand Gearbox Assembly (026443) Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
1	-	OIL, GEARBOX KLUBER GH-460	0.757 GAL.
2	010498	PLUG, 3/8 NPT	2
3	012953	PLUG, 3/4	1
4	013746	FASTENER, FHSS 3/8"-16 X 1"	1
5	015204	GEARBOX, MACHINED FINISHED	1
6	015205	FASTENER, FHSS 5/16"-18 X 1"	8
7	015208	COVER, FOR GEAR BOX	1
8	015209	RELIEF VALVE, 1/8"-27 NPT	1
9	015210	GASKET, 0.005" THICK FOR TOP COVER	AS REQ.
10	015213	PRESSURE WASHER	1
11	015217	BEARING, RADIAL BALL	1
12	015221	CAP, GEARBOX END FLANGE	1
13	015222	GASKET, 0.005" THICK FOR END FLANGE	AS REQ.
14	015660	O-RING, FOR GEARBOX END CAPS	2
15	015663	BEARING, ANGLED CONTACT	1
16	015670	SEAL, OIL CR#7455V	1
17	015671	SEAL, OIL CR#13661	1
18	015672	GAUGE, 3/4"-14 NPT PORTHOLE VIEW	1
19	015673	O-RING, 15/16" X 1-3/16" X 1/8" BUNA	1
20	015696	KEY, 1/4" X 1-18"	1
21	017314	FASTENER, SHCS 1/4"-20 X 5/8"	8
22	018924	GEAR, BRONZE LH	1
23	020018	GASKET, 0.003" FOR TOP COVER	AS REQ.
24	020120	SHAFT, MAIN	1
25	022073	BEARING, TAPER ROLLER	1
26	022074	BEARING RACE	1
27	022185	GASKET, 0.002" FOR END CAP FLANGE	AS REQ.
28	022186	GASKET, 0.003" FOR END CAP FLANGE	AS REQ.
29	026741	SHAFT, INPUT LH	1
30	044601	FLANGE, GEARBOX	1
31	044603	BEARING, TAPER ROLLER	1
32	044604	BEARING, RACE	1

SECTION 1 PARTS

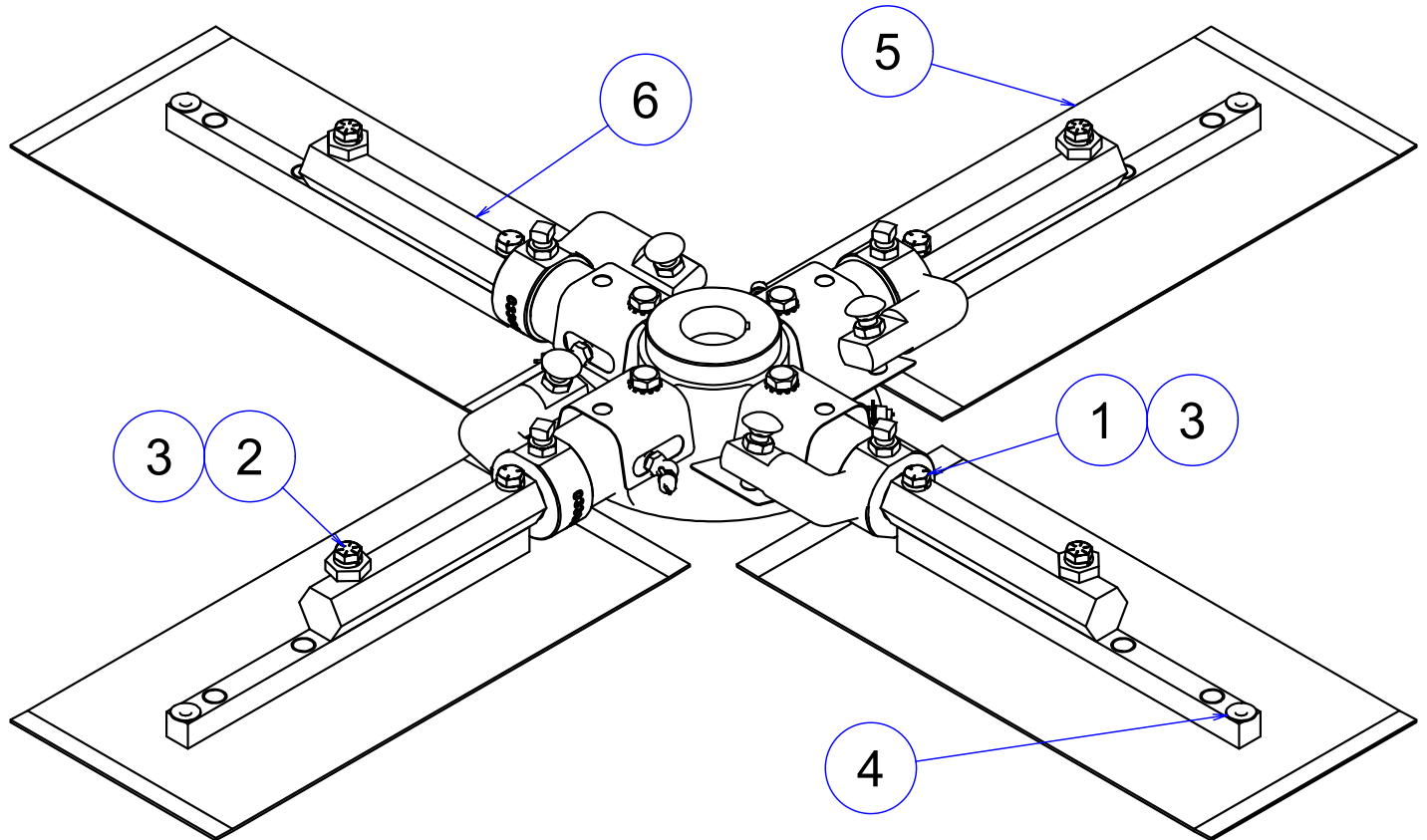
Left Hand Spider Assembly (079262)



ITEM	PART #	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, LOCK WASHER 5/16"	8
4	015694	PLUG, RED	4
5	015890V	TROWEL BLADE, FINISH 6" X 14"	4
6	015893	SPIDER BOSS ASSEMBLY LH	1

Right Hand Spider Assembly (079263)

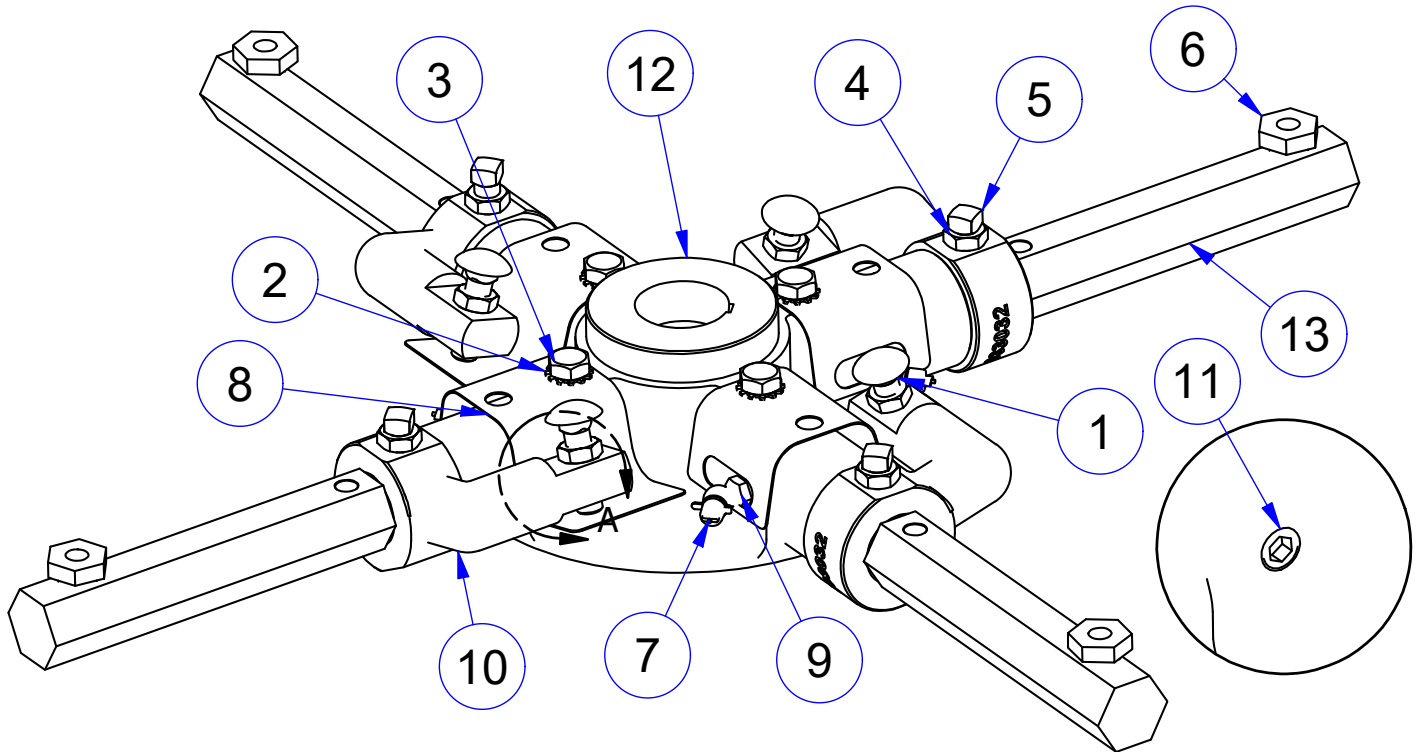
SECTION 1 PARTS



ITEM	PART #	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, LOCK WASHER 5/16"	8
4	015694	PLUG, RED	4
5	015890V	TROWEL BLADE, FINISH 6" X 14"	4
6	024813	SPIDER BOSS ASSEMBLY, RH	1

SECTION 1 PARTS

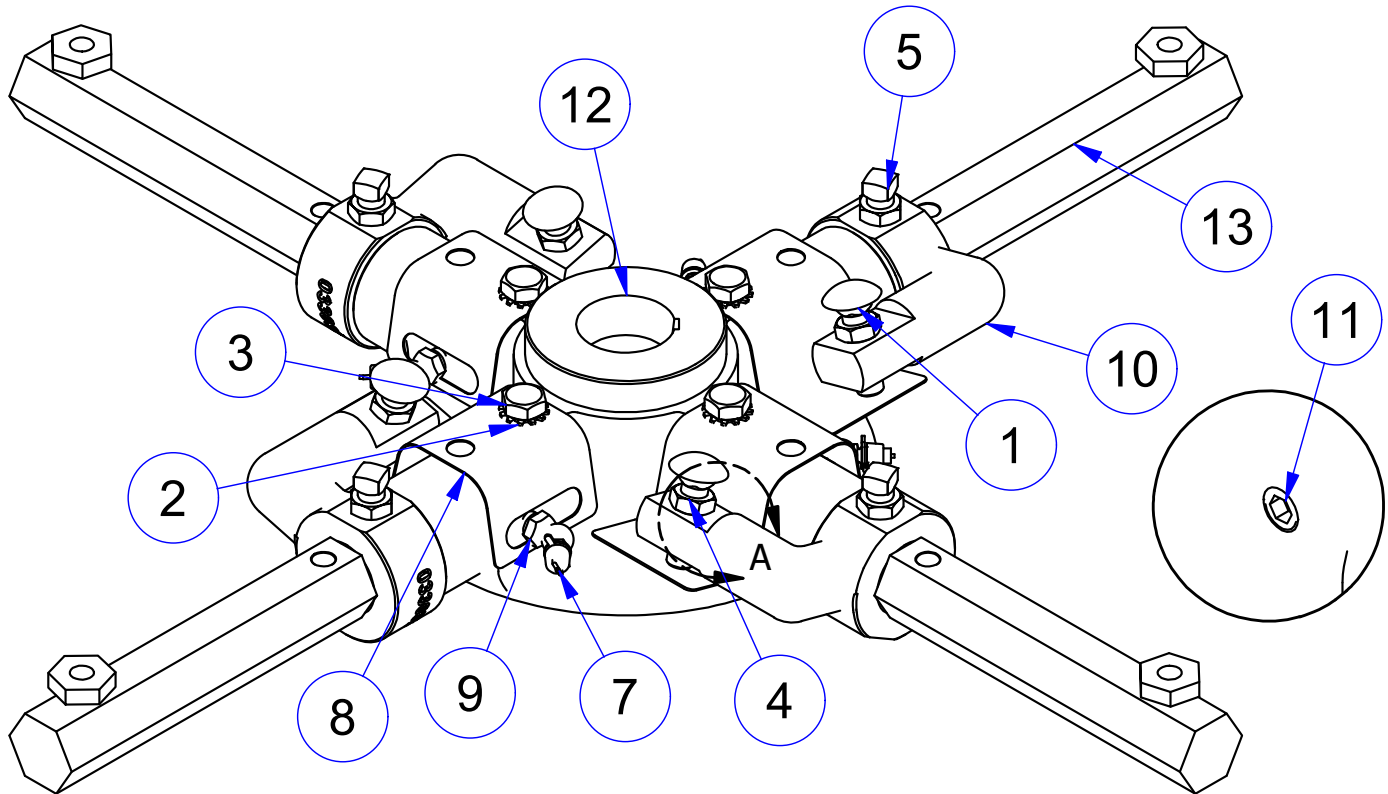
Left Hand Spider Boss Assembly (015893)



ITEM	PART #	DESCRIPTION	QTY
1	012990	FASTENER, CABLE 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



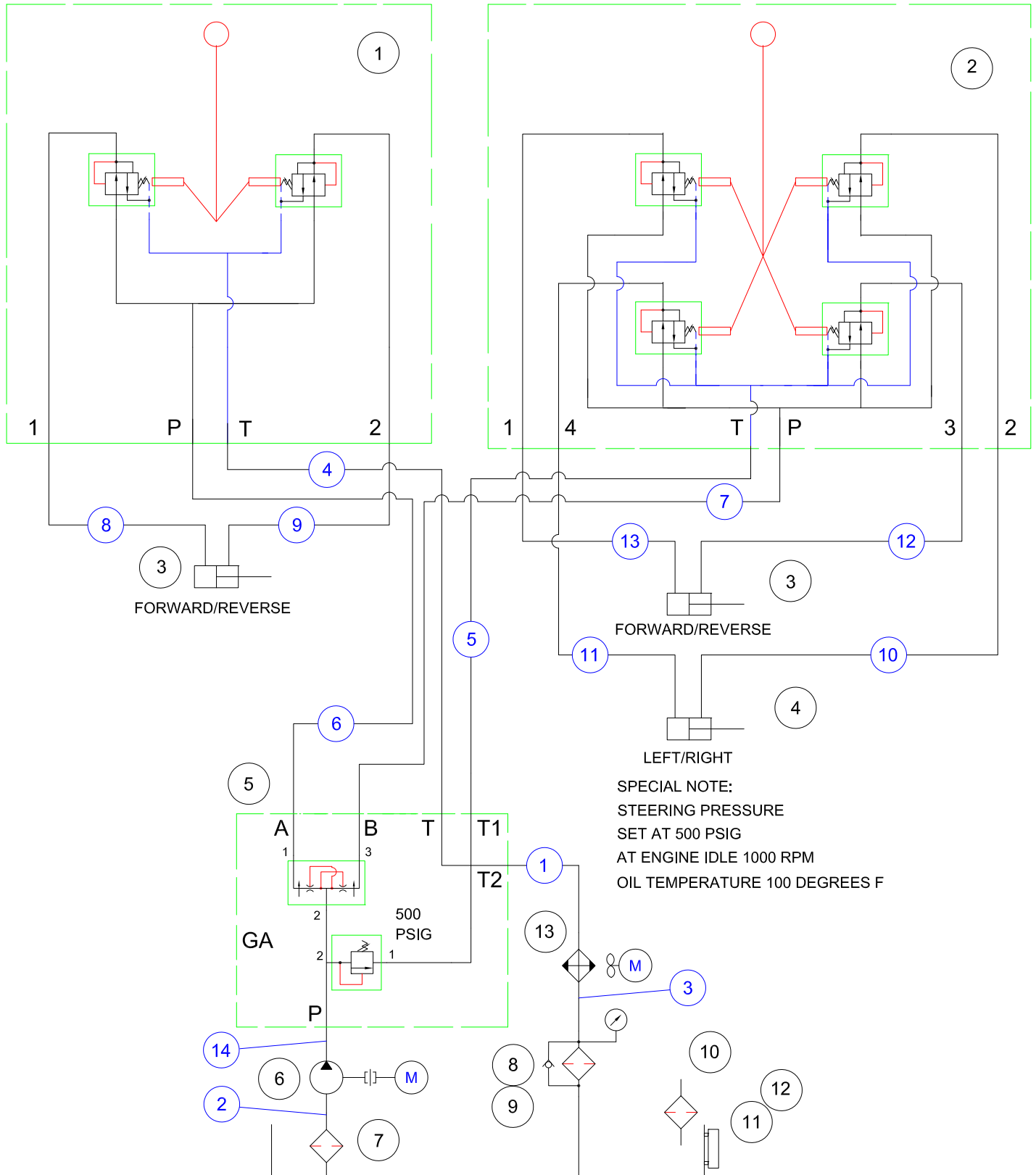
ITEM	PART #	DESCRIPTION	QTY
1	012990	FASTENER, CABLE 3/8"-16 X 1-1/4"	4
2	015682	FASTENER, EXT STAR LOCK WASHER 3/8"	4
3	015683	FASTENER, HHCS 3/8"-16 X 7/8"	4
4	015684	FASTENER, JAM HEX NUT 3/8"-16	8
5	015686	FASTENER, SQHSS 3/8"-16 X 1"	4
6	015688	FASTENER, 9/16"-18 NF ADJ/MACH SCREW	4
7	015692	RED 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

Hydraulics Schematic

LEFT HAND JOYSTICK
STEERING CONTROL

RIGHT HAND JOYSTICK
STEERING CONTROL



Hydraulics Schematic Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	075958	KIT, HYDRAULICS MP245	1
1	064818	JOYSTICK, LEFT HAND	1
2	064817	JOYSTICK, RIGHT HAND	1
3	048660	FWD/REV. STEERING CYLINDER	2
4	078140	LEFT/RIGHT STEERING CYLINDER	1
5	046735	STEERING MANIFOLD	1
6	071679	HYDRAULIC GEAR PUMP	1
7	046732	SUCTION STRAINER	1
8	049978	RETURN LINE FILTER	1
-	046730	RETURN LINE FILTER ELEMENT	-
9	046241	FILTER VISUAL INDICATOR GAUGE	1
10	FI0350	FILLER BREATHER	1
11	056932	SIGHT LEVEL INDICATOR	1
12	045948	MAGNETIC TANK PLUG	1
13	052930	AIR/OIL COOLER	1
14	071677	MP245 FITTING KIT	1
15	050050	MP245 HOSE KIT	1
16	075760	MP245 COMPONENT KIT	1
-	001002	OIL, HYDRAULIC 46 (DTE25)	-

050050 - MP245 HOSE KIT (BLUE PART #)

NO.	PART #	DESCRIPTION	QTY
1	068070	HOSE, HS-245-1	1
2	068071	HOSE, HS-245-2	1
3	068072	HOSE, HS-245-3	1
4	068073	HOSE, HS-245-4	1
5	068074	HOSE, HS-245-5	1
6	068075	HOSE, HS-245-6	1
7	068076	HOSE, HS-245-7	1
8	068077	HOSE, HS-245-8	1
9	068078	HOSE, HS-245-9	1
10	068079	HOSE, HS-245-10	1
11	068080	HOSE, HS-245-11	1
12	068081	HOSE, HS-245-12	1
13	068082	HOSE, HS-245-13	1
14	068083	HOSE, HS-245-14	1

SECTION 1 PARTS

MP245 Engine (Honda) Service parts



Engine, GX700
AEC PN: 073485



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



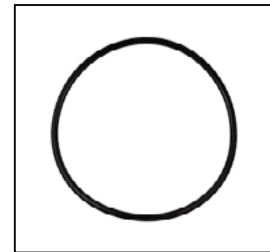
Spark Plug
AEC PN: 081288



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

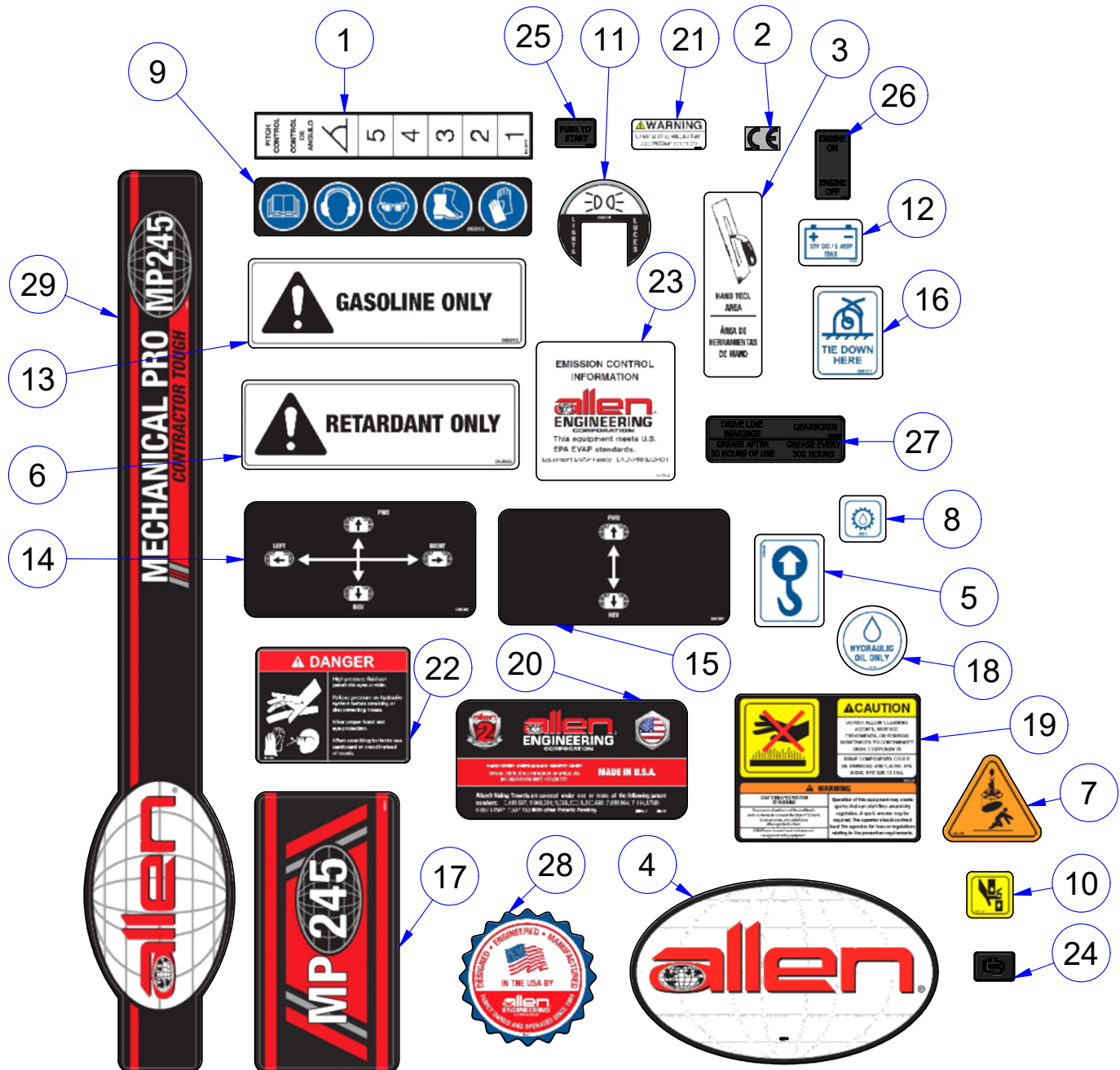
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SECTION 2: DECALS

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SECTION 2 DECALS

Decals, MP245



MP245 Decal Kit
PN: 074095

Decals, MP245 Parts List**SECTION 2
DECALS**

ITEM	PART #	DESCRIPTION	QTY
1	032377	PITCH CONTROL TUBE	2
2	039893	CE MARKING	1
3	053447	HAND TOOL AREA	1
4	056340	ALLEN OVAL 4" X 6.67" WHITE	1
5	065653	LIFT HOOK	2
6	065655	RETARDANT ONLY	1
7	065656	PAN FALL	2
8	065913	GEARBOX OIL	1
9	065915	PPE	1
10	065917	PINCH POINT	2
11	065918	LIGHTS	1
12	065919	12 VOLT DC/5 AMP MAX	1
13	066018	GAS ONLY	1
14	066083	2 DIRECTION	1
15	066169	1 DIRECTION	1
16	066171	TIE DOWN ONLY	4
17	067549	MP245 SIDE PANEL	2
18	067550	HYDRAULIC OIL ONLY	1
19	067551	MP245 WARNINGS	1
20	068457	PATENT PLACARD	1
21	069225	PROPOSITION 65	1
22	070402	DANGER-HIGHER PRESSURE WARNING	1
23	071102	EPA LABEL	1
24	072966	CHECK ENGINE LIGHT	1
25	074011	PUSH TO START	1
26	074012	ENGINE ON/OFF	1
27	074087	DRIVE LINE BEARING GREASE & GEARBOXES	1
28	075276	MADE IN AMERICA	1
29	075440	MP245 FRONT PANEL	1

Revision Details

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, 24-061, 24-057	MK
D	01/25	Added GB Exploded View	MK
E	07/25	Added Honda ENG service parts pg.	MK
F	11/25	Updated Illustrations and Parts List, Corrected Honda Service PNs	MK

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Allen Products are covered under one or more of the following patent numbers:
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.

Printed in U.S.A.



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