

RIDING TROWEL

HDX760



PARTS MANUAL

Manual Part #: 065550P | Revision: 07/2022
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.

HDX760 Riding Trowel

PARTS

MANUAL

This manual covers the products listed below:

<u>Part No.</u>	<u>Description</u>
063000	HDX760 RIDING TROWEL

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

U.S. Design Patents: 344,736; 400,542; 400,544; 402,998; 402,999; 403,332; 404,041; 404,042; 410,931; 413,127; 416,564; 465,897; 466,909; 474,203.

U.S. Utility Patents: 5,108,220; 5,238,323; 5,328,295; 5,352,063; 5,405,216; 5,476,342; 5,480,257; 5,480,258; 5,533,831; 5,562,361; 5,567,075; 5,613,801; 5,658,089; 5,685,667; 5,803,658; 5,816,739; 5,816,740; 5,890,833; 5,934,823; 5,967,696; 5,988,938; 5,988,939; 6,019,433; 6,019,545; 6,048,130; 6,053,660; 6,089,786; 6,106,193; 6,857,815; 5,288,166; 6,582,153 B1, 7,108,449; 7,114,876; 7,316,523; 7,690,864 B2

Canadian Patents: 2,039,893.

First Issue: January 2017

Printed in U.S.A.

Limited Warranty

Allen Engineering Corporation ("Allen") warrants its products to be free of defects in material or workmanship for:

TWO YEARS FROM END USER'S DATE OF PURCHASE

Warranty period begins on the date of purchase by the End User of the product. All warranty is based on the following limited warranty terms and conditions, including the disclaimer of implied warranties and consequential damages.

1. Allen's obligation and liability under this warranty is limited to repairing or replacing parts if, after Allen's inspection, there is determined to be a defect in material or workmanship. Allen reserves the choice to repair or replace.
2. If Allen chooses to replace the part, it will be at no cost to the customer and will be made available to the Allen Distributor, Dealer, or Rental Center from whom the End User purchased the product.
3. Replacement or repair parts, installed in the product, are warranted only for the remainder of warranty period of the product as though they were the original parts.
4. Allen does not warranty engines or batteries. Engine warranty claims should be made directly to an authorized factory service center for the particular engine manufacturer. Batteries are not warranted due to unknown treatment during transport, etc, and any battery claims should be directed to the battery manufacturer.
5. Allen's warranty does not cover the normal maintenance of products or its components (such as engine tuneups and oil & filter changes). The warranty also does not cover normal wear and tear items (such as belts and consumables).
6. Allen's warranty will be void if it is determined that the defect resulted from operator abuse, failure to perform normal maintenance on the product, modification to product, alterations or repairs made to the product without the written approval of Allen. Allen specifically excludes from warranty any damage to any trowels resulting from an impact to the rotors.
7. Impact damage to gear boxes is not covered under the Allen warranty and is deemed customer abuse.
8. Allen will pay shop labor on warranty items at the Allen Shop Labor Rate in existence on the date of the warranty claim. An Allen labor chart will determine the time allowed to complete a repair and will govern the shop labor hours that will be allowed.
9. Allen will pay freight on warranty replacement parts at worldwide standard ground rates. No warranty replacement parts will be shipped air freight at the expense of Allen. Allen only pays outbound freight charges when sending warranty replacement parts to the customer via ground service. Allen does not pay any inbound freight. However, if Allen determines this to be a warranted item, only then will Allen reimburse the customer for inbound freight at standard ground rates.
10. ALLEN ENGINEERING CORPORATION'S WARRANTY POLICY WILL NOT COVER THE FOLLOWING: TAXES; SHOP SUPPLIES; ENVIRONMENTAL SURCHARGES; AIR FREIGHT; TRAVEL TIME; LOSS OF TIME; INCONVENIENCE; LOSS OF RENTAL REVENUE; RENTAL COSTS OF EQUIPMENT USED TO REPLACE THE PRODUCT BEING REPAIRED; LOSS OF USE OF THE PRODUCT; COMMERCIAL LOSS; OR ANY OTHER CHARGES WHATSOEVER OR ANY LIABILITIES FOR DIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGE OR DELAY.
11. ALLEN ENGINEERING CORPORATION MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED. THIS LIMITED WARRANTY IS IN LIEU OF THE WARRANTY OF MERCHANTABILITY AND FITNESS. THERE ARE NO OTHER WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THIS DOCUMENT.
12. No Allen employee or representative is authorized to change this warranty in any way or grant any other warranty unless such change is made in writing and signed by an officer of Allen Engineering Corporation.

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Information Contained in this Manual



This manual provides information and procedures to safely operate and maintain the Allen Machine.

For your own safety and protection from personal injury, carefully read, understand, and observe the safety instructions described in this manual. Keep this manual or a copy of it with the machine at all times.

Always operate this machine in accordance with the instructions described in this manual. A well maintained piece of equipment will provide many years of trouble free operation.

This manual is divided into the following sections:

PARTS

Complete any warranty requirements as specified by the engine manufacturer in their instructions found inside the manual box located on the operator's control panel.

Your engine is not manufactured by Allen Engineering Corporation, Inc, and therefore is not covered under Allen Engineering Corporation, Inc warranty.

Your engine manufacturer should be contacted if you wish to purchase a parts manual or a repair manual for your engine.

Refer to enclosed owners engine manual for complete O&M instructions. See your battery manufacturer for battery warranty.

Ordering Parts

Section 4 contains illustrated parts lists 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 - include the serial number for the machine. Shipment will be delayed if this information is not available.
2. Include correct description and part number from the "PARTS" section of this manual.
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 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.

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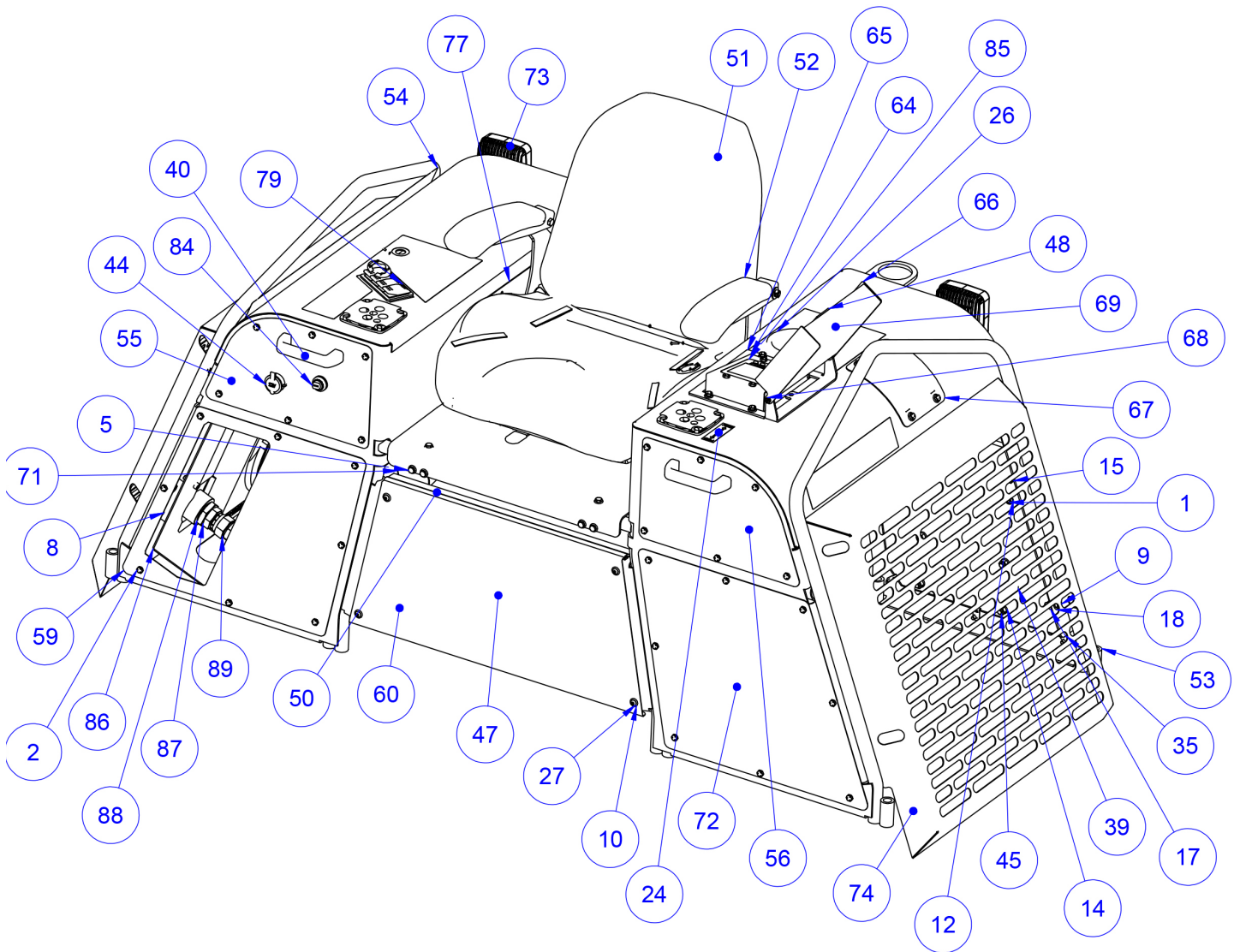
WATCH US!!!



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PARTS

Seat Frame Assembly Illustration



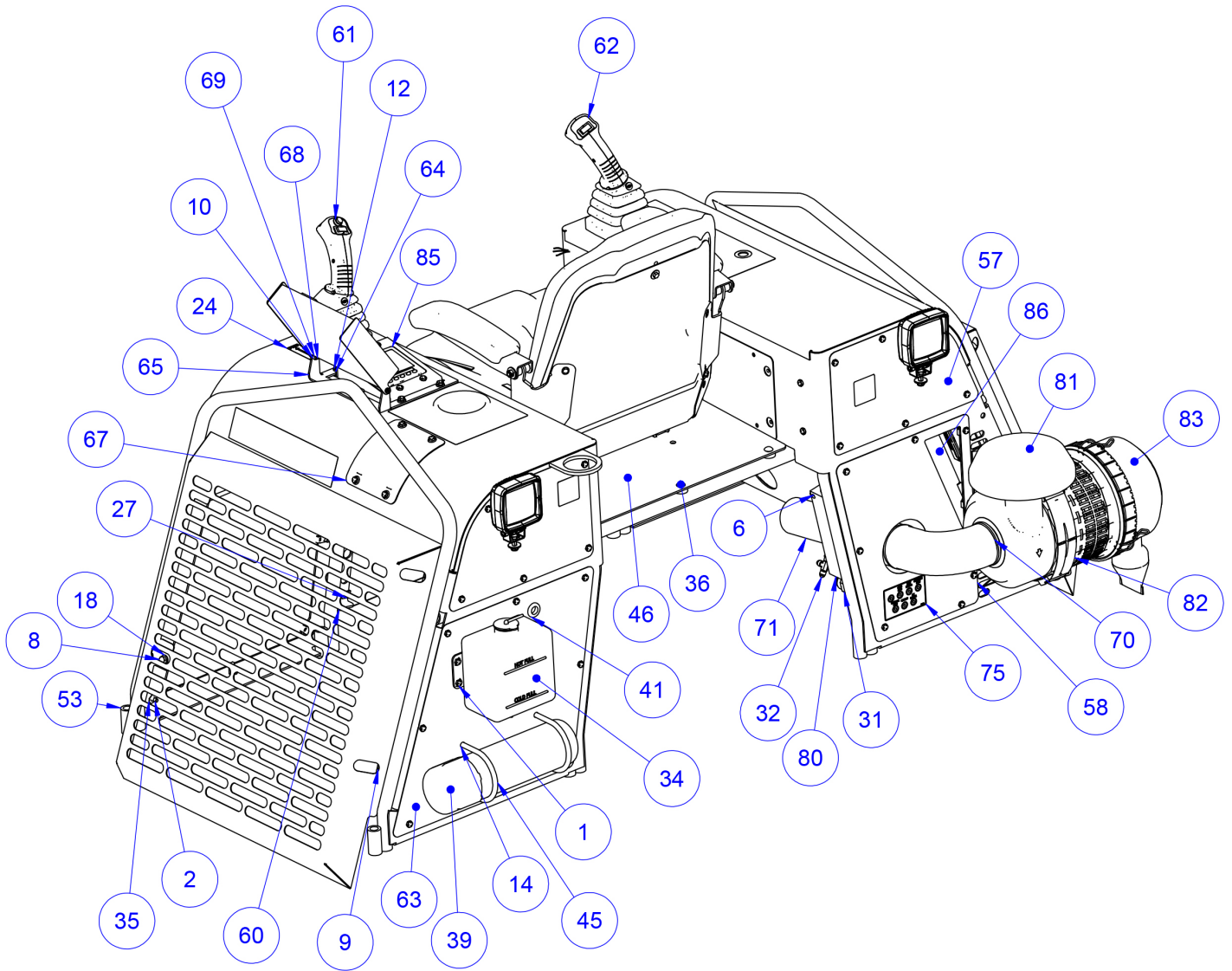
Seat Frame Assembly Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010001	FSTN, HHCS 1/4-20 X 1/2 GR 5	4
2	010002	FSTN, HHCS 1/4-20 X 3/4	77
3	010003	FSTN, HHCS 1/4-20 X 1	4
4	010004	FSTN, HHCS 1/4-20 X 1-1/4	2
5	010007	FSTN, HHCS 1/4-20 X 2	6
6	010011	FSTN, HHCS 1/4-20 X 3	2
7	010018	FSTN, HHCS 5/16 -18 X 1/2 GRADE 8	4
8	010035	FSTN, HHCS 3/8-16 X 3/4	14
9	010036	FSTN, HHCS 3/8-16 X 1	2
10	010081	FSTN, FW 1/4	40
11	010082	FSTN, FW 5/16	4
12	010089	FSTN, LW 1/4	30
13	010090	FSTN, LW 5/16	10
14	010091	FSTN, LW 3/8	14
15	010098	FSTN, NUT HEX 1/4-20	10
16	010100	FSTN, NUT HEX 5/16-18	4
17	010102	FSTN, NUT HEX 3/8-16	20
18	017751	FSTN, FW HARD A325 3/8 (p)	8
19	018264	INSULATOR RUBBER SAFETY SWITCH	2
20	020542	FSTN, NUT STOVER LOCK 1/4-20	6
21	029349	FSTN, SCREW 8-32 X 1/2" LONG ZINC PLATED	8
22	034621	HORN, 12 VOLT	1
23	036655	FSTN, SHCS 8-32 X 3/8"	1
24	038980	DECAL, FWD-REV	1
25	039100	FSTN, NYLOCK NUT 8-32	8
26	069102	DECAL, FOR LEFT CUP HOLDER	1
27	042343	FSTN, SFBHCS 1/4"-20 x 3/4	4
28	045921	FITTING, F6400-8-8	1
29	045923	FTG, F6801-4-6-NWO 90° ELB JIC-SAE	1
30	045941	FITTING, F6400-10-12-O	1
31	046359	FITTING, F6801-16-16-O	1
32	046361	FTG, F6602-4-4-4-0 FLARE-O	1
33	046777	FTG, F6400-6-4-O STR JIC-SAE	2
34	047314	RESERVOIR, COOLANT OVERFLOW 2 QT	1
35	047546	PAL NUT- 1/4-20	71
36	047665	RUBBER BUMPER	3

PARTS

Seat Frame Assembly (cont'd) Illustration



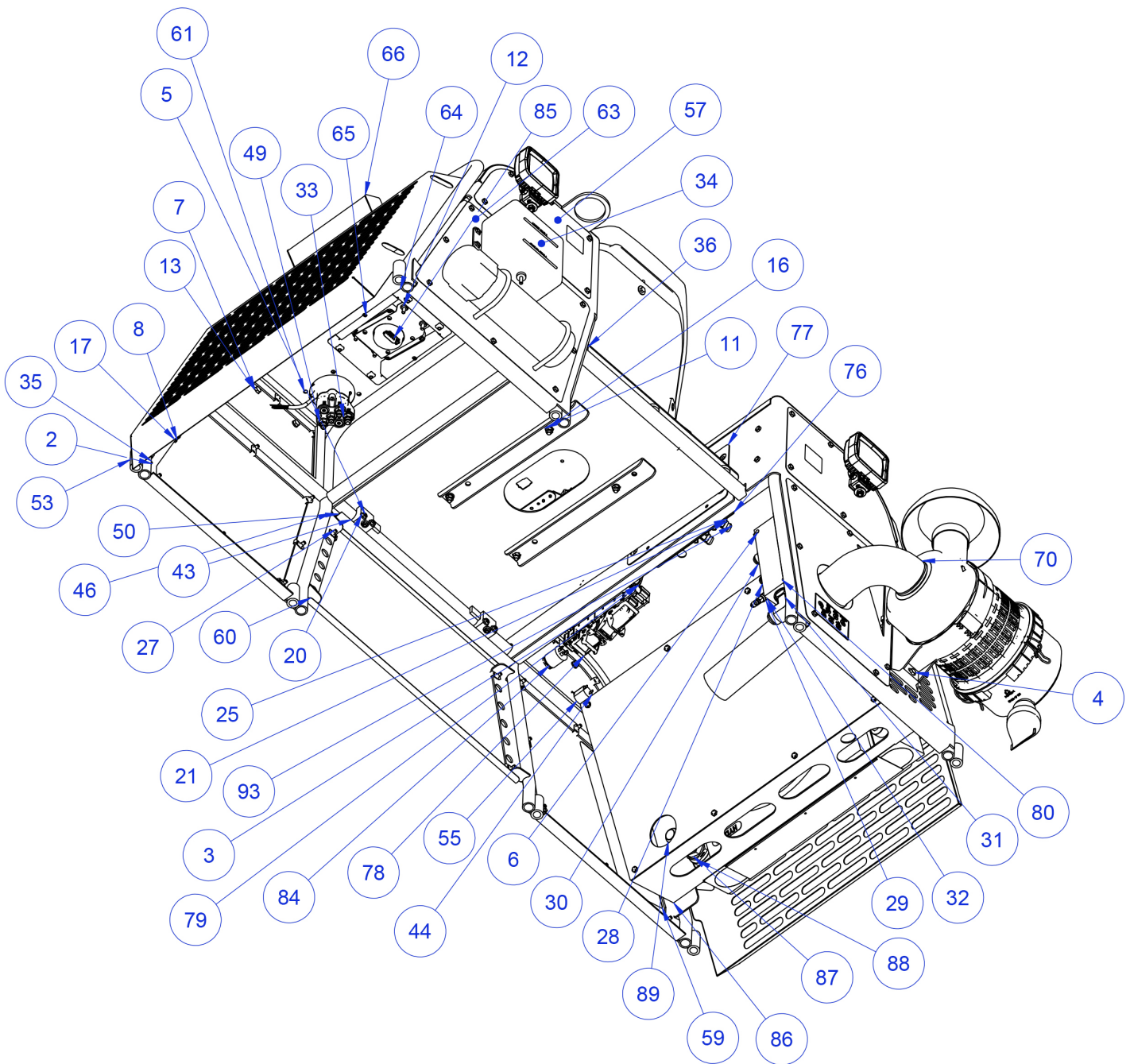
Seat Frame Assembly (cont'd) Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
37	047886	CAP, FILLER BREATHER SPB-S-1-10-N04	1
38	048595	TANK, VENT X1	1
39	066255	MANUAL TUBE, LARGE	1
40	048678	HANDLE, LOAD RATED NYLON	2
41	048681	RUBBER GROMMET	1
42	-	N/A	-
43	049550	CONNECTOR, SEAT LID PIVOT - HDX740	2
44	069850	RECEPTICAL, USB, 12VDC	1
45	-	N/A	-
46	056224	SEAT LID WELDMENT HDX740	1
47	056339	DECAL, 13.35" X 8" ALLEN OVAL	1
48	056920	MAGNETIC LATCH	1
49	057933	FITTING, STRAIGHT THREAD CONNECTOR	8
50	060991	EDGING, WEATHER-RESISTANT EPDM	1
51	061372	SEAT, RIDER	1
52	061373	ARM RESTS FOR SEAT	1
53	064360	HDX760 SEAT FRAME WELDMENT	1
54	064419	RUBBER INSERT SLEEVE 2 3/4" X 3" OD. (33027)	2
55	064494	COVER, FRONT TOP RIGHT HAND FOR SEAT FRAME	1
56	064495	COVER, FRONT LH FOR HDX760 SEAT FRAME ASSEM.	1
57	064496	COVER, REAR TOP RH & LH FOR SEAT FRAME HDX760	2
58	064497	COVER, REAR RH LOWER FOR HDX760 SEAT FRAME	1
59	064498	COVER, BOTTOM FRONT RH SEAT FRAME HDX760	1
60	064509	COVER, FRONT CENTER FOR HDX760	1
61	064510	JOYSTICK, LH HDX760/HP205	1
62	064511	JOYSTICK, RH HDX760/HP205	1
63	064516	COVER, BOTTOM REAR LH SEAT FRAME HDX760	1
64	064521	PANEL, ENGINE DISPLAY LOFA FOR HATZ	1
65	064525	BRACKET, LH HINGE FOR ENGNE DISPLAY COVER HDX760	1
66	064526	COVER, ENGINE DISPLAY HDX760	1
67	064528	COVER, HDX610/760 RADIATOR ACCES POINT FOR SEAT FRAME ASSEMBLY	1
68	064529	FSTN, SHOULDER BOLT 1/4" X 5/16 LONG STAINLESS	2
69	064530	FSTN, NYLOCK NUT 10-24 ZINC PLATED	2
70	064554	ELBOW, 90 DEGREE MODIFIED FOR HDX760 HATZ ENGINE	1
71	064556	TUBE, AIR CLEANER TO TURBO HDX760	1

PARTS

Seat Frame Assembly (cont'd) Illustration



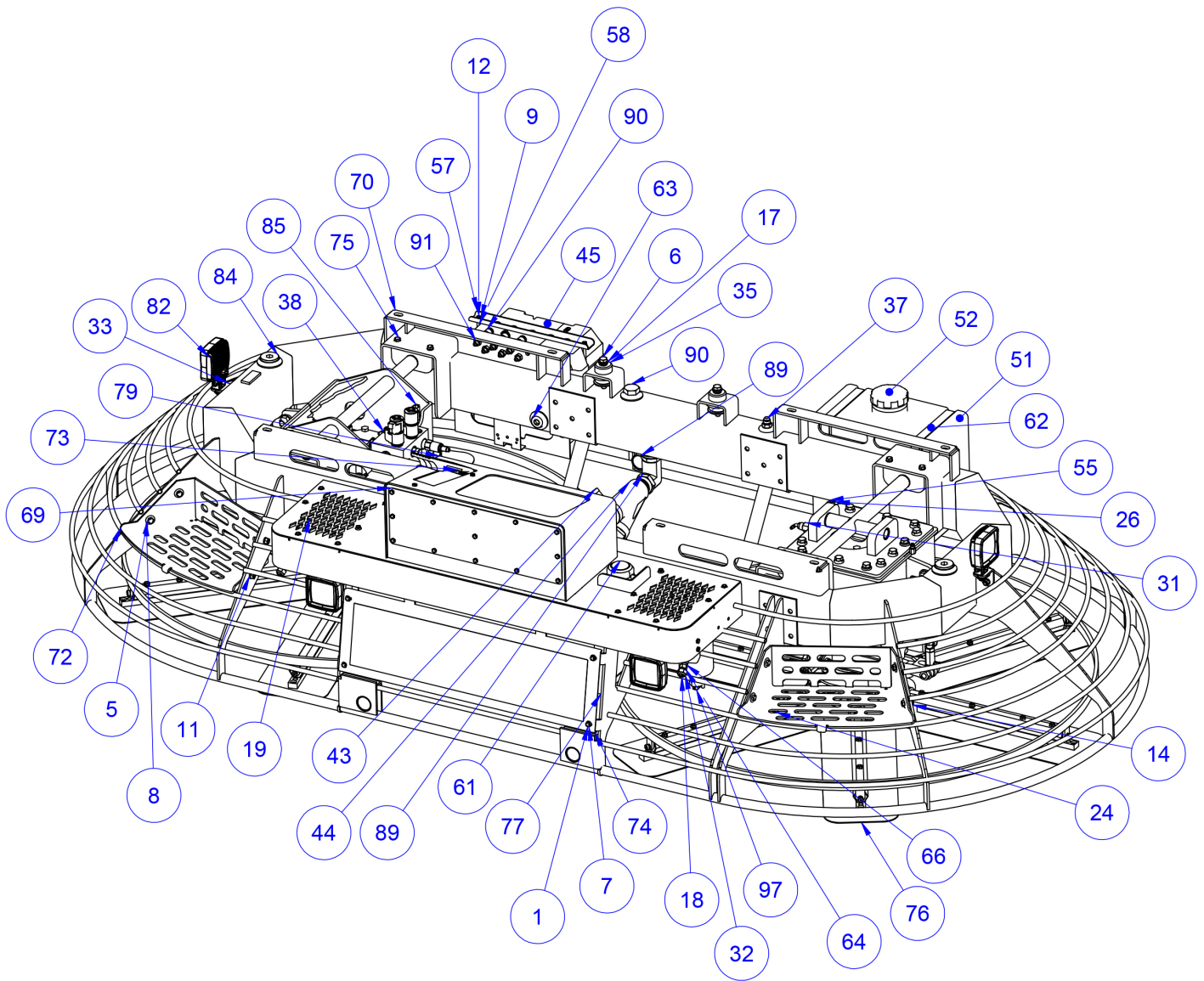
Seat Frame Assembly (cont'd) Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
72	064748	COVER, FRONT BOTTOM LH SEAT FRAME ASSEMBLY HDX760	1
73	064749	LED LIGHT 12-24 VOLT	2
74	064760	GUARD, END SEAT FRAME HDX760	2
75	064802	DECAL, TEST PORT LAYOUT HDX760	1
76	065133	TOP, GROUNDING BOX FOR HDX760	1
77	065134	FRONT COVER PLATE, FOR GROUNDING LUG BOX HDX760	1
78	065139	CONTROLLER, BOSH REXROTH	1
79	065143	4 SWITCH BLOCK KIT	1
80	065144	HEADER, MANIFOLD HDX760	1
81	065188	AIR BONNET, FOR HATZ H50	1
82	065189	HATZ AIR CLEANER 4H50 BAND	1
83	065190	HATZ AIR CLEANER 4H50 BREATHER	1
84	065191	KEY SWITCH LOFA FOR HATZ ENGINE	1
85	065192	LOFA DISPLAY FOR 4H50	1
86	065193	ASSY, COOLER W/TEMP TRANSDUCER	1
87	065526	FTG, STRAIGHT THREAD F6402-16-16-0	2
88	065827	FTG, F6410-20-16-O HYDRAULIC	2
89	065828	FTG, F2403-16-16-O HYDRAULIC	2

PARTS

Main Frame Assembly Illustration



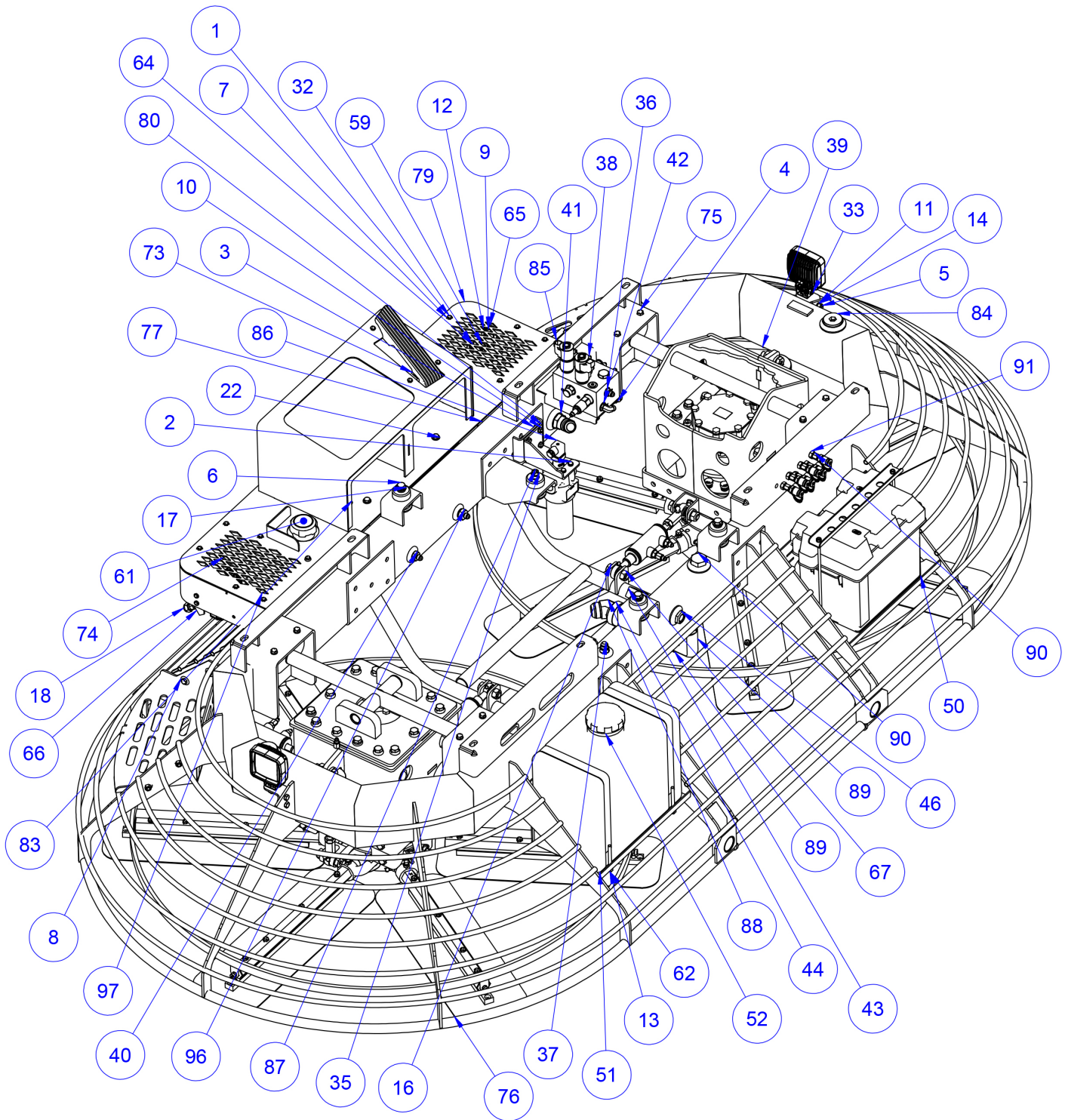
Main Frame Assembly Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010002	FSTN, HHCS 1/4-20 X 3/4	38
2	010003	FSTN, HHCS 1/4-20 X 1	4
3	010019	FSTN, HHCS 5/16-18 X 3/4 GR 5	4
4	010035	FSTN, HHCS 3/8-16 X 3/4	6
5	010036	FSTN, HHCS 3/8-16 X 1	12
6	010076	FSTN, HHCS 1/2-13 X 3 GR 5	3
7	010081	FSTN, FW 1/4	23
8	010083	FSTN, FW 3/8	8
9	010089	FSTN, LW 1/4	28
10	010090	FSTN, LW 5/16	6
11	010091	FSTN, LW 3/8	18
12	010098	FSTN, NUT HEX 1/4-20	19
13	010100	FSTN, NUT HEX 5/16-18	2
14	010102	FSTN, NUT HEX 3/8-16	14
15	010570	FSTN, NUT HEX 10-32	4
16	010632	FSTN, HHCS 5/8-11 X 2 GR 8	2
17	011490	FSTN, FW HARDENED 1/2	3
18	012702	TIP, 80°x0.10 GPM BRASS SPRAY	2
19	012994	RIVET, 1/8x3/8 ALUM DOME HD [closed]	4
20	013740	FSTN, LW STAR #10	4
21	016382	FSTN, RHMS 10-32 X 1	4
22	017751	FSTN, FW HARD A325 3/8 (p)	3
23	018072	WSHR, #10 Z STL SAE FLAT	4
24	027969	FSTN, HHCS 5/8-18 X 2 GR 8	1
25	032097	DECAL, SERIAL NUMBER PLATE	1
26	033735	PUMP, SPRAY SYSTEM	1
27	038105	ELBOW, 3/8x3/8 INVERTED FLARE BRASS	1
28	039869	PIPE PLUG, 1-1/4 NPT SQ HD	1
29	040208	FSTN, 1/2-13 STOVER NUT	3
30	040209	FILTER, RETARDANT SPRAY SYSTEM	1
31	040388	FTG, 3/8X1/4 BRASS FM TO FM REDUCER	1
32	041624	RETAINER, NYLON SPRAY TIP	2
33	042140	BRACKET, REAR LIGHT SP400B	2
34	043269	FSTN, NUT STOVER 5/8-18	1
35	043364	MOTOR MOUNT ISOLATOR	4
36	045915	FTG, F6400-6-6-O STR JIC-SAE	1

PARTS

Main Frame Assembly (cont'd) Illustration



Main Frame Assembly (cont'd) Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
37	045921	FITTING, F6400-8-8	1
38	045922	FTG, F6400-4-6-O STR JIC-SAE	6
39	045948	FITTING, 7574051 MAGNETIC PLUG	3
40	046349	FITTING, F6400-6-8-O	1
41	046351	FTG, F6802-16-16-NWO	1
42	046357	F6801-06-06-NWO FLARE-O FITTING	1
43	046369	GV-5 SUCTION GAUGE	1
44	046472	Y-STRAINER F/ HD550	1
45	046696	BOX, STANDARD BATTERY	1
46	046731	SIGHT GLASS HYD RESERV.	1
47	047294	PAD, 7-7/16x5-11/16x1-1/2 BARRIER	2
48	047477	NUT, 7/16-20 YZ GR 8 STOVER	1
49	047578	STRAINER, POLY 50 μ MESH	2
50	047604	BATTERY, 700CCA 12V 48-B	1
51	047700	TANK, 6 GALLON PLASTIC BLACK	1
52	047701	CAP, 3-1/2" VENTED BLACK	1
53	047702	FTG, 'L' FUEL 1/4" NIPPLE 90 DEG	1
54	047703	BUSHING, 6 GAL PLASTIC TANK	1
55	047933	ELBOW, 1/4 PUSHLOK x 1/4 NPT PLASTIC	2
56	048562	CUSHION, BOTTOM TANK (RUBBER) X1	2
57	048563	CHANNEL, BATTERY HOLD-DOWN X1	1
58	048589	ROD ALL THREAD, 1/4-20 BATTERY HOLD DOWN	2
59	048653	BARB, HOSE PLASTIC 1/4" x 1/4 NPT	2
60	048676	PLUG, HOLLOW SBR RUBBER	8
61	048680	CAP, VENTED W/ GAUGE X1	1
62	048921	STRAP, TANK	2
63	049154	FTG., 6409-12-O	1
64	049957	NOZZLE BODY MALE STRAIGHT CP8028-NYB	2
65	049981	WELD'T, RH SPRAY BRACKET HDX740/600	1
66	049982	WELD'T, LH SPRAY BRACKET HDX740/600	1
67	053437	FSTN, 5/8-11 STOVER LOCK NUT	2
68	060492	PLATE, COVER TOP DECK SIDE HDX610	1
69	075226	COVER, FRONT FOOT REST HDX610	1
70	063005	HDX760 MAIN FRAME WELDMENT	1
71	063034	STEP, LEFT HAND FOR HDX760	1
72	063035	STEP, RH FOR HDX760 RIDING TROWEL	1

PARTS

Main Frame Assembly (cont'd) Illustration



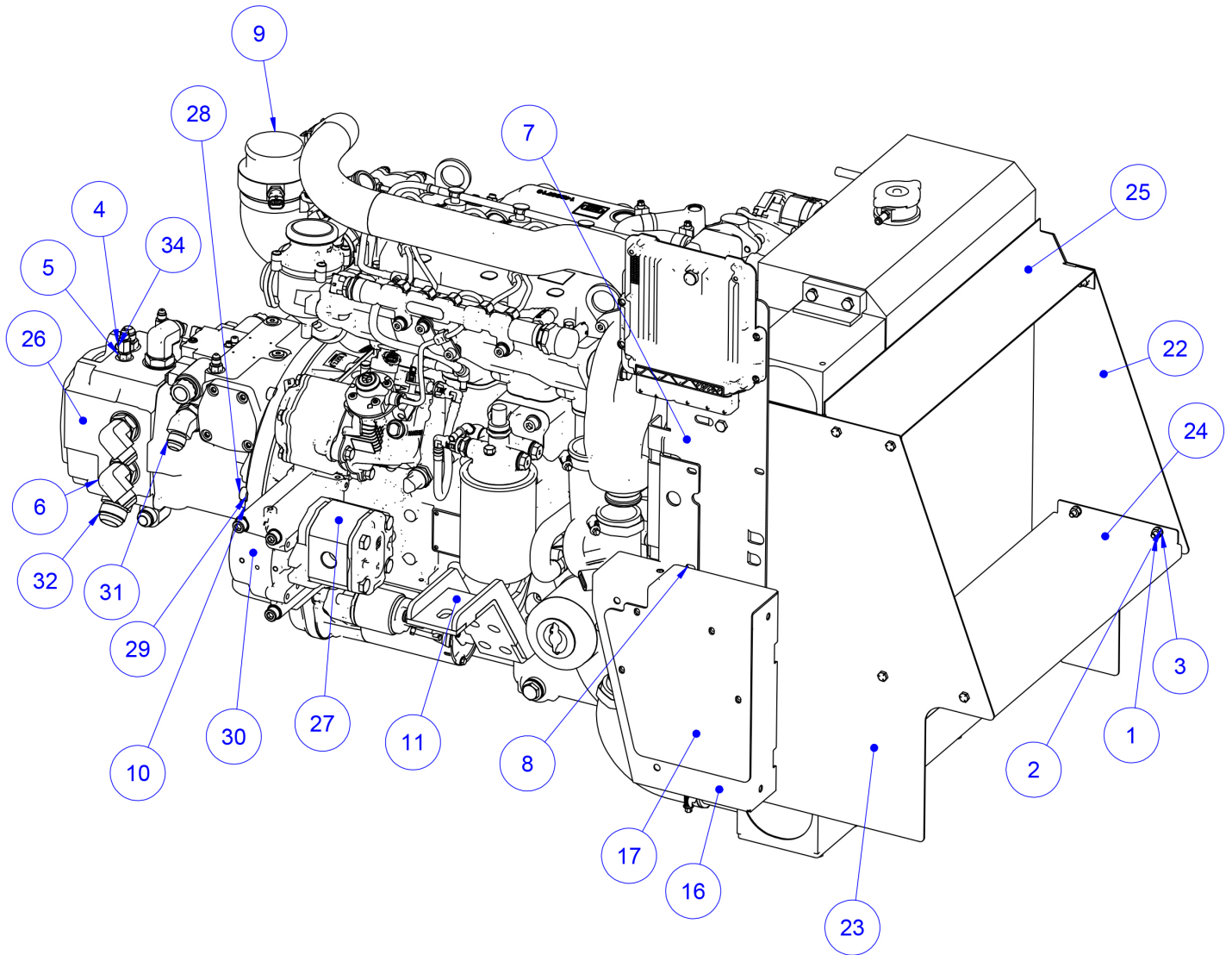
Main Frame Assembly (cont'd) Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
73	063341	FOOT PEDAL ELECTRONIC HDX760	1
74	075146	COVER, FRONT FOR HDX750B	1
75	064257	RH (SOM) ROTOR ASSEMBLY HDX760	1
76	064258	LH ROTOR ASSEMBLY, FOR HDX760	1
77	064499	TANK, FUEL HDX760	1
78	064501	CUSHION, TOP TANK (RUBBER) HDX760	1
79	075214	DECK PLATE FOR HDX760 RIDING TROWEL	1
80	064514	BRACKET, PRESSURE FILTER MOUNT HDX760	1
81	064559	FSTN, HHCS M8-125 X 12 GRADE 8.8 ZINC	2
82	064749	LIGHT, LED	4
83	064876	FTG, 90 DEGREE ELBOW 3/8" HOSE BARB X 1/4" MPT STAIN-LESS	2
84	065017	FSTN, PLUG SAE #20 HOLLOW HEX PLUG	2
85	065136	STEERING MANIFOLD HDX760	1
86	065141	FILTER, HIGH PRESSURE HDX760	1
87	065431	FSTN, HHCS 7/16-14 X 3 1/4" LONG GR8 YELLOW ZINC	1
88	065522	FTG,45 DEG MAKE FEMAL PIPE 5503-2-2	1
89	065523	FTG,MALE FE SWIVAL 6505-20-20	1
90	065525	FTG,HEX O-RING BOSS PLUG 6408-16-0	1
91	065531	FTG, STRAIGHT MALE 2700-4-4-LN	6

PARTS

Power Unit Assembly Illustration



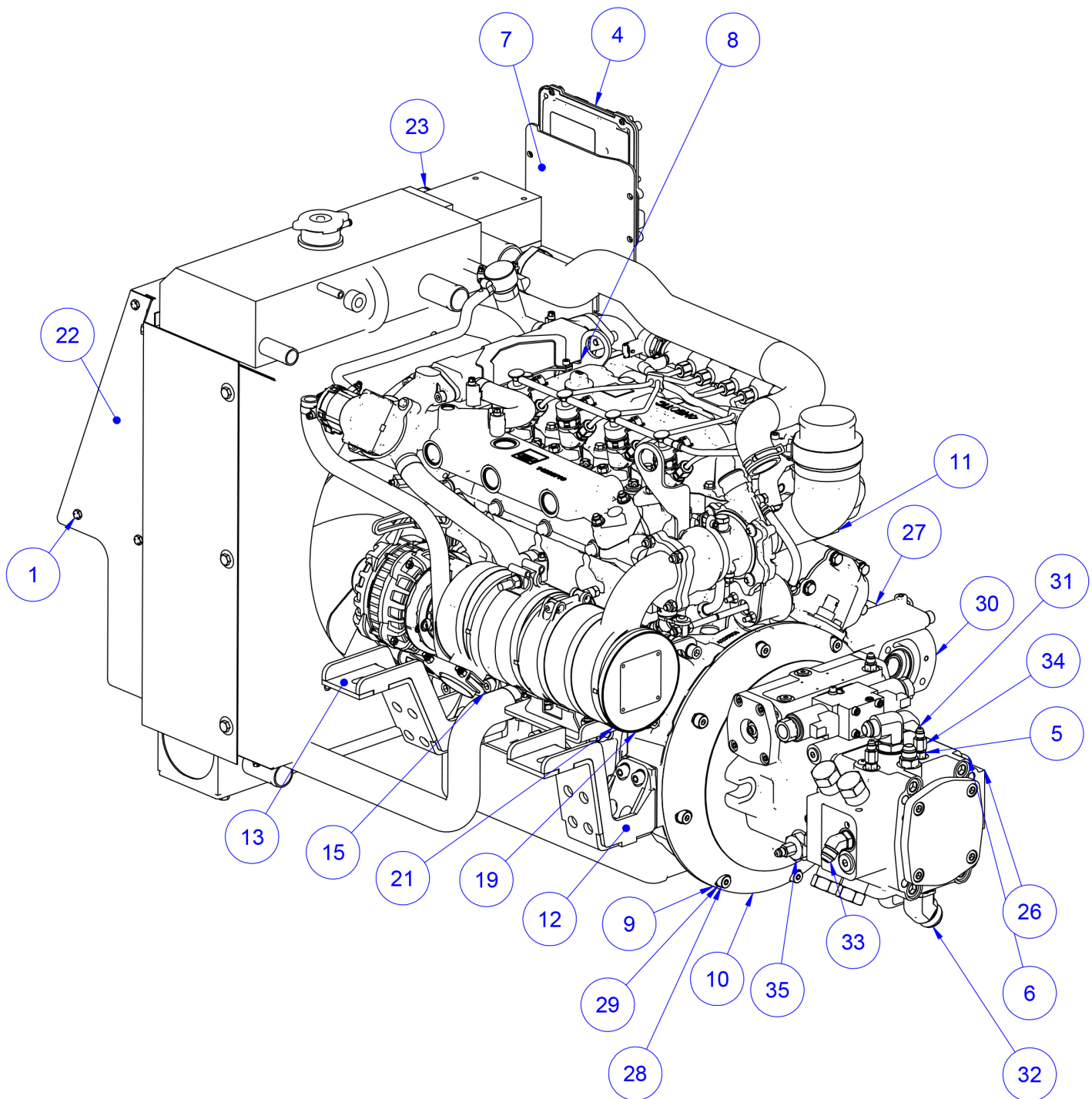
Power Unit Assembly Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010002	FSTN, HHCS 1/4-20 X 3/4	9
2	010089	FSTN, LW 1/4	9
3	010098	FSTN, NUT HEX 1/4-20	9
4	045921	FITTING, F6400-8-8	1
5	045928	FTG, F6400-4-4-O STR JIC-SAE	3
6	045946	FTG., F6801-10-12-NWO	4
7	061333	MOUNT, FUSE PANEL AND CPU FOR HATZ ENGINE HDX760	1
8	061334	BRACKET, FUSE PANEL AND CPU FOR HATZ ENGINE HDX760	1
9	064286	ENGINE, HATZ 4H50TIC	1
10	064357	HOUSING AND COUPLING ASSEMBLY HDX760 HATZ	1
11	064407	ENGINE MOUNT, REAR LH HATZ H50 HDX760	1
12	064413	ENGINE MNT., REAR RH HDX760 HATZ H50	1
13	064416	ENGINE MOUNT, REAR LH HATZ H50 HDX760	1
14	064419	RUBBER INSERT SLEEVE 2 3/4" X 3" OD. (33027)	1
15	064535	MUFFLER CLAMP, 2 3/16" ZINC PLATED	1
16	064538	WELDMENT, COVER ELECTRICAL PANEL FOR ENGINE HDX760	1
17	064539	COVER, OUTER FOR ENGINE ELECTRICAL BOX HDX760	1
18	064554	ELBOW, 90 DEGREE MODIFIED FOR HDX760 HATZ ENGINE	1
19	064872	DOC WRAP FOR HATZ ENGINE	1
20	064873	SPRAY COATING, HI TEMP SILICON BLACK 12 OZ CAN	1
21	064874	TIE, 24" SS PREFERATED CABLE	3
22	065124	SHROUD, REAR RADIATOR FOR HATZ ENIGNE HDX760	1
23	065125	SHROUD, FRONT RADIATOR HATZ ENGINE FOR HDX760	1
24	065126	BOTTOM COVER RADIATOR SHROUD HDX760	1
25	065127	TOP COVER RADIATOR SHROUD HDX760	1
26	065138	PUMP, HYDRAULIC PISTON REXROTH HDX760 SINGLE/DUAL	1
27	065140	PUMP, AUX FOR HDX760	1
28	065243	FSTN, SHCS M10 X 1.5 X 30 MM LONG ULTRA CORROSION	8
29	065383	FSTNM, LW M10 ZINC PLATED	8
30	065398	AUXILIARY DRIVE FOR HATS H50 ENGINE	1
31	065527	FTG, 45 DEG. F6802-10-12	1
32	065528	FTG, 45 DEG. F6802-16-16	1
33	065529	FTG, 45 DEG. F6802-8-8 NWO	1
34	065826	FTG, CFJ4-055 HYDRAULIC	3

PARTS

Power Unit Assembly (cont'd) Illustration



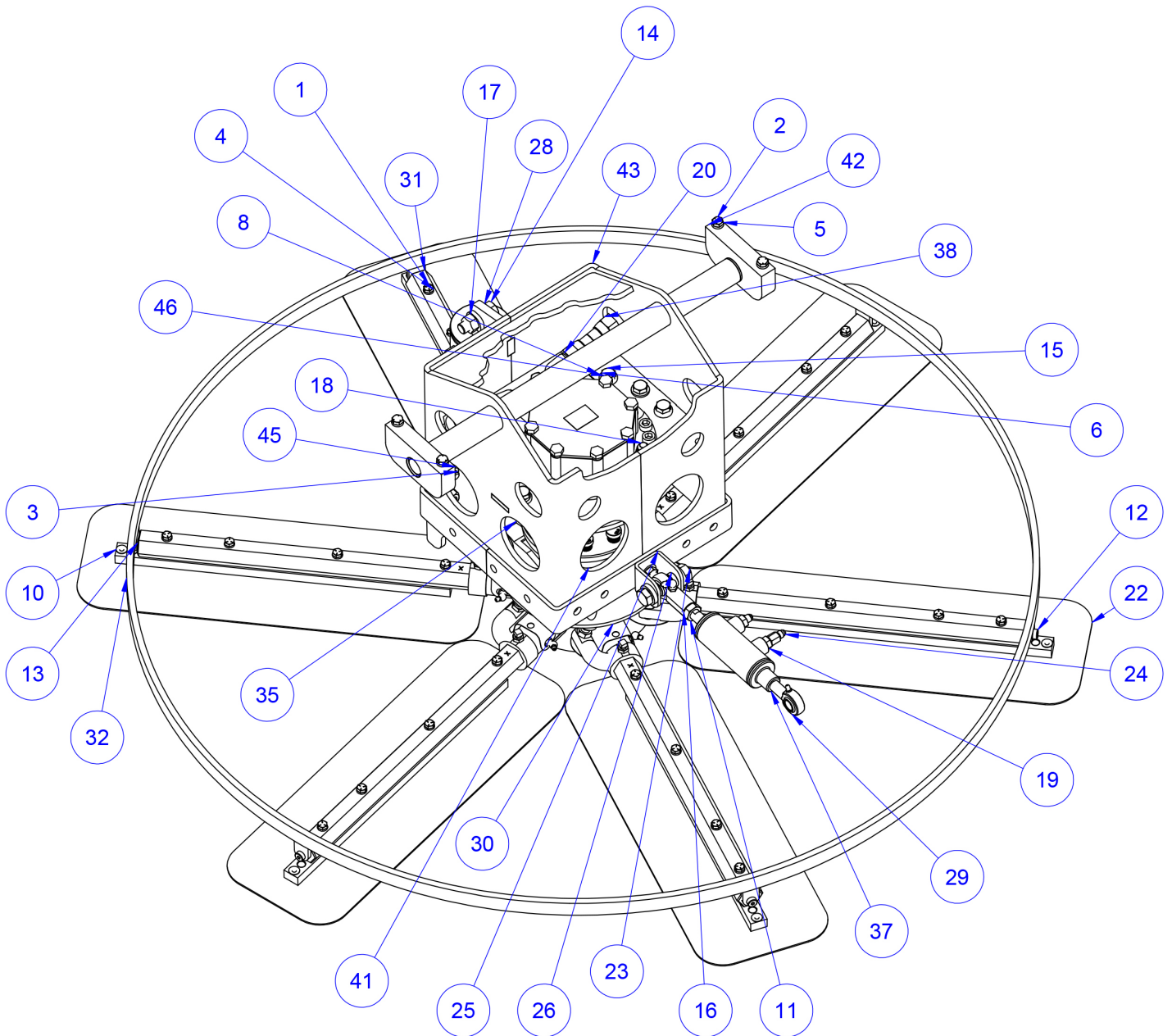
Power Unit Assembly (cont'd) Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010002	FSTN, HHCS 1/4-20 X 3/4	9
2	010089	FSTN, LW 1/4	9
3	010098	FSTN, NUT HEX 1/4-20	9
4	045921	FITTING, F6400-8-8	1
5	045928	FTG, F6400-4-4-O STR JIC-SAE	3
6	045946	FTG., F6801-10-12-NWO	4
7	061333	MOUNT, FUSE PANEL AND CPU FOR HATZ ENGINE HDX760	1
8	061334	BRACKET, FUSE PANEL AND CPU FOR HATZ ENGINE HDX760	1
9	064286	ENGINE, HATZ 4H50TIC	1
10	064357	HOUSING AND COUPLING ASSEMBLY HDX760 HATZ	1
11	064407	ENGINE MOUNT, REAR LH HATZ H50 HDX760	1
12	064413	ENGINE MNT., REAR RH HDX760 HATZ H50	1
13	064416	ENGINE MOUNT, REAR LH HATZ H50 HDX760	1
14	064419	RUBBER INSERT SLEEVE 2 3/4" X 3" OD. (33027)	1
15	064535	MUFFLER CLAMP, 2 3/16" ZINC PLATED	1
16	064538	WELDMENT, COVER ELECTRICAL PANEL FOR ENGINE HDX760	1
17	064539	COVER, OUTER FOR ENGINE ELECTRICAL BOX HDX760	1
18	064554	ELBOW, 90 DEGREE MODIFIED FOR HDX760 HATZ ENGINE	1
19	064872	DOC WRAP FOR HATZ ENGINE	1
20	064873	SPRAY COATING, HI TEMP SILICON BLACK 12 OZ CAN	1
21	064874	TIE, 24" SS PREFERATED CABLE	3
22	065124	SHROUD, REAR RADIATOR FOR HATZ ENIGNE HDX760	1
23	065125	SHROUD, FRONT RADIATOR HATZ ENGINE FOR HDX760	1
24	065126	BOTTOM COVER RADIATOR SHROUD HDX760	1
25	065127	TOP COVER RADIATOR SHROUD HDX760	1
26	065138	PUMP, HYDRAULIC PISTON REXROTH HDX760 SINGLE/DUAL	1
27	065140	PUMP, AUX FOR HDX760	1
28	065243	FSTN, SHCS M10 X 1.5 X 30 MM LONG ULTRA CORROSION	8
29	065383	FSTNM, LW M10 ZINC PLATED	8
30	065398	AUXILIARY DRIVE FOR HATS H50 ENGINE	1
31	065527	FTG, 45 DEG. F6802-10-12	1
32	065528	FTG, 45 DEG. F6802-16-16	1
33	065529	FTG, 45 DEG. F6802-8-8 NWO	1
34	065826	FTG, CFJ4-055 HYDRAULIC	3

PARTS

RH (SOM) Rotor Assembly (064257) Illustration



RH (SOM) Rotor Assembly (064257)

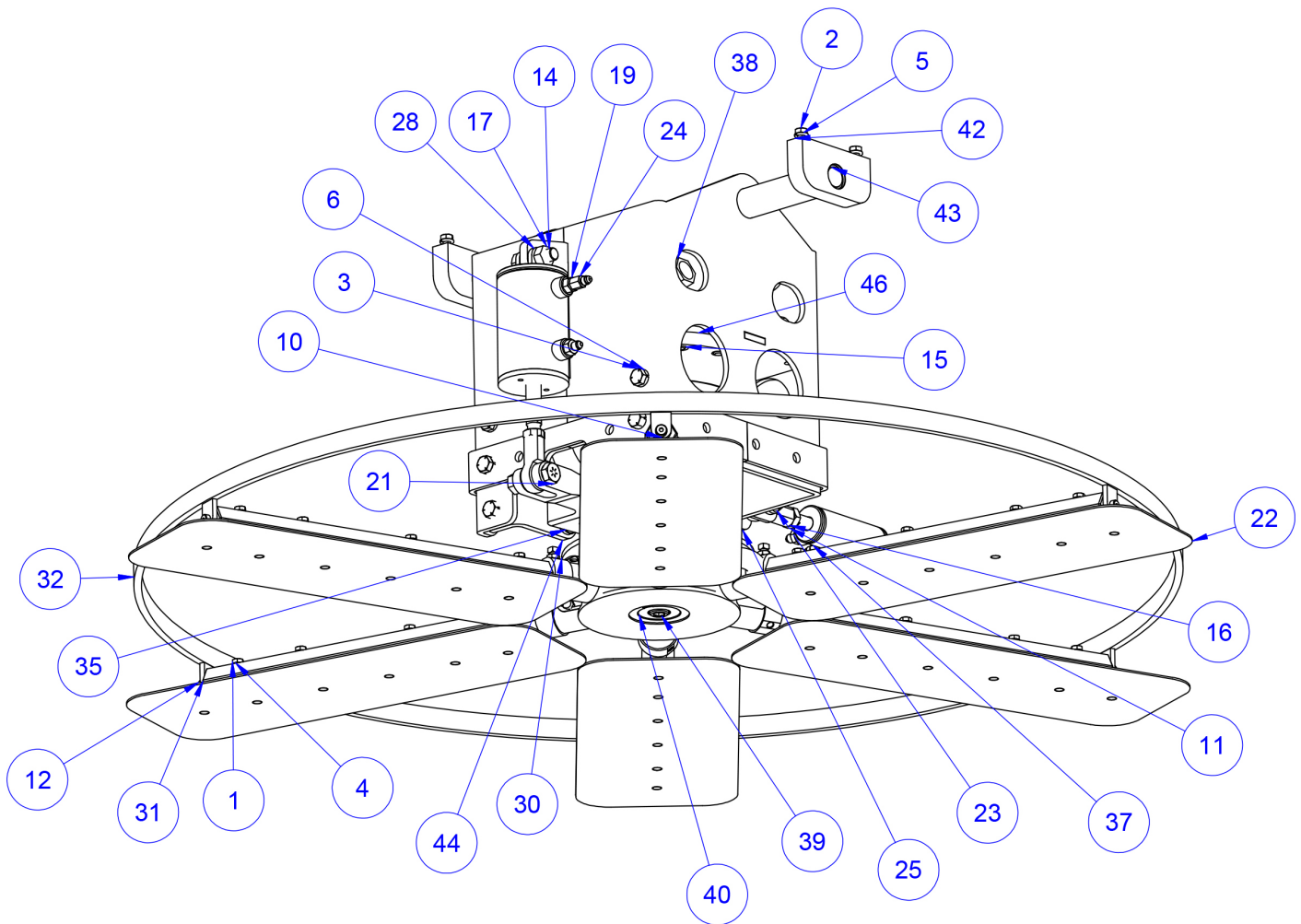
Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010024	FSTN, HHCS 5/16-18 X 2 GR 5	24
2	010036	FSTN, HHCS 3/8-16 X 1	4
3	010069	FSTN, HHCS 1/2-13 X 1-1/2 GRADE 8	7
4	010090	FSTN, LW 5/16	24
5	010091	FSTN, LW 3/8	4
6	010093	FSTN, LW 1/2 GR8	16
7	010513	FITTING, 1/4-28 STR GREASE	1
8	011490	FSTN, FW HARDENED 1/2	11
9	015677	RING, Ø7/16 E-STYLE RETAINING	2
10	015694	PLUG W-1 RED PLASTIC TAPERD	6
11	020688	FSTN, JAM HEX NUT 5/8-18 RH	2
12	025091	FSTN, 3/8 SHOULDER BOLTx1/2 LONG	6
13	025092	BUSHING, 3/8x1/2x5/16 BRONZE	6
14	027969	FSTN, HHCS 5/8-18 X 2 GR 8	1
15	038508	FSTN, HHCS 1/2-13 X 1 1/4 GR 8	10
16	043125	1/2" FEMALE ROD END	2
17	043269	FSTN, NUT STOVER 5/8-18	3
18	045921	FITTING, F6400-8-8	2
19	045922	FTG, F6400-4-6-O STR JIC-SAE	4
20	045930	FTG, F6801-12-12-NWO 90° ELB	2
21	047354	FSTN, HHCS 5/8-18x2-1/4 GR8 YZPLT	1
22	047973	BLADE, 8 X 23 FLAT FINISH	6
23	048339	FSTN, HHCS 5/8-18 x 3 GR 8	1
24	048385	ORIFICE, FOR L/R STEERING CYLINDER	2
25	048624	CHANNEL, CYLINDER ROD END CONNECTOR	1
26	048627	SPACER, STEERING CONNECTION	2
27	048628	PIN, YOKE ARM	1
28	048659	PITCH CYLINDER HDX SERIES 3" BORE 1 1/2" STROKE	1
29	048747	1/2" MALE ROD END	1
30	049537	PLATE, PRESSURE 6 BOSS HDX740	1
31	049539	SPIDER ASSEMBLY, RH HDX740	1
32	049543	STABILIZER RING HDX740	1
33	049599	BEARING CAP HDX740	1
34	049697	BEARING HDX740 SPIDER ASSEMBLY	1
35	049698	PITCH YOKE ARM FOR HDX740	1
36	050700	KEY, HDX740 ROTOR	1
37	050718	CYLINDER, 1.5x1.5 STEERING	1
38	060495	FTG, 3/4" JIC FEMALE ASSEMBLY FOR HDX750 MOTOR CONNECTION	2
39	064251	FSTN, SHCS 5/8-11 X 1 1/2" LONG LH THREAD	1
40	064253	WASHER, HDX750B RETAINING	1
41	064256	SHAFT, ROTOR RH (SOM) HDX750B	1
42	064260	BEARING ASSEMBLY FOR HDX750B WITH BRONZE BEARING	2
43	064730	RH HYDRAULIC MOTOR MNT WLDT. HDX760(REXROTH)	1
44	064742	BRACKET, LH YOKE MNT. FOR ROTOR ASSEMBLIES HDX760	1
45	064745	BRACKET, RH YOKE MNT. FOR ROTOR ASSEMBLIES HDX760	1
46	065137	MOTOR, HYDRAULIC PISTON HDX760	1
47	065399	ORIFICE, 1.4 MM(.055) FOR HDX760	1

PARTS

RH (SOM) Rotor Assembly (064257) cont'd Illustration



RH (SOM) Rotor Assembly (064257) cont'd

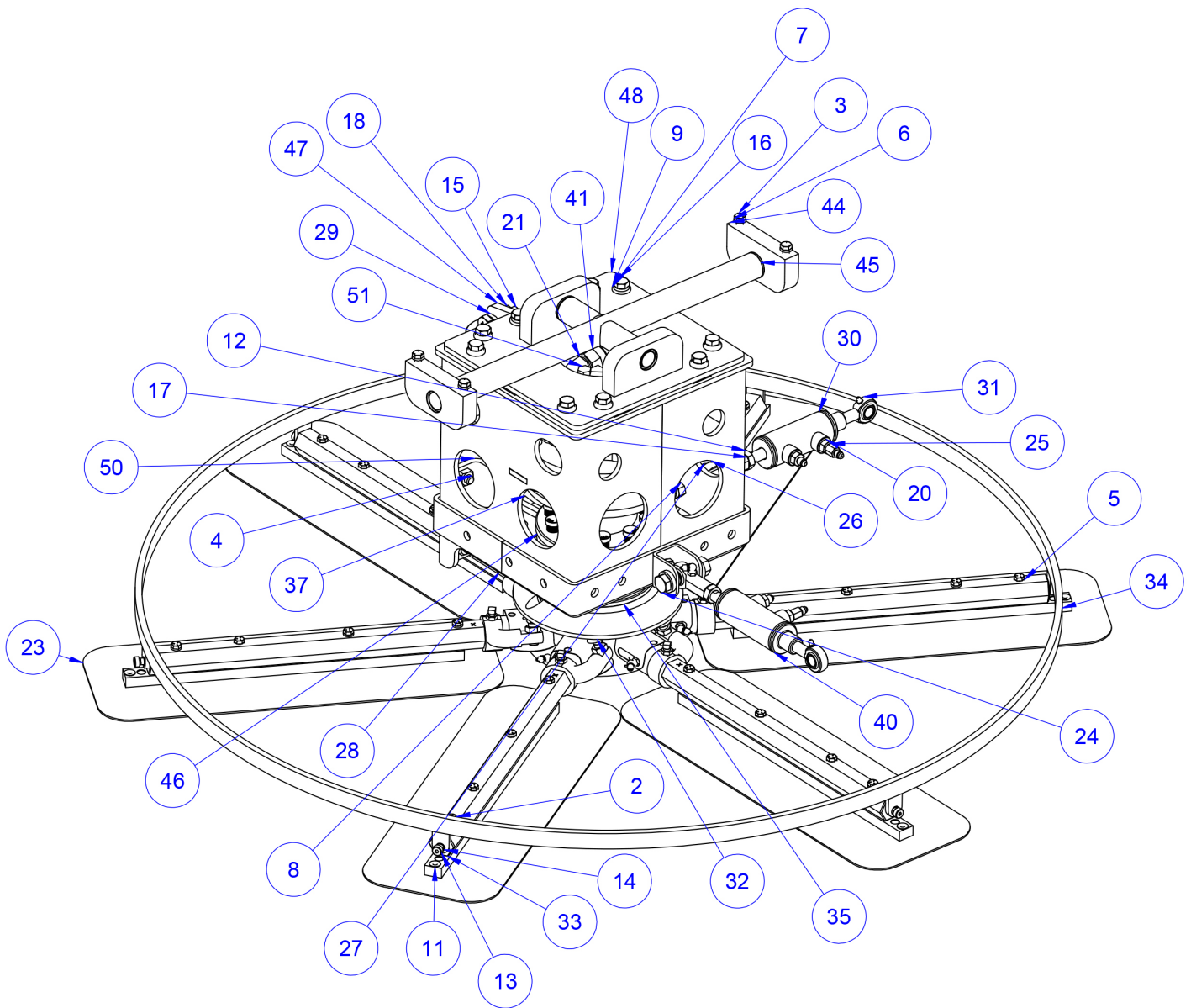
Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010024	FSTN, HHCS 5/16-18 X 2 GR 5	24
2	010036	FSTN, HHCS 3/8-16 X 1	4
3	010069	FSTN, HHCS 1/2-13 X 1-1/2 GRADE 8	7
4	010090	FSTN, LW 5/16	24
5	010091	FSTN, LW 3/8	4
6	010093	FSTN, LW 1/2 GR8	16
7	010513	FITTING, 1/4-28 STR GREASE	1
8	011490	FSTN, FW HARDENED 1/2	11
9	015677	RING, Ø7/16 E-STYLE RETAINING	2
10	015694	PLUG W-1 RED PLASTIC TAPERD	6
11	020688	FSTN, JAM HEX NUT 5/8-18 RH	2
12	025091	FSTN, 3/8 SHOULDER BOLTx1/2 LONG	6
13	025092	BUSHING, 3/8x1/2x5/16 BRONZE	6
14	027969	FSTN, HHCS 5/8-18 X 2 GR 8	1
15	038508	FSTN, HHCS 1/2-13 X 1 1/4 GR 8	10
16	043125	1/2" FEMALE ROD END	2
17	043269	FSTN, NUT STOVER 5/8-18	3
18	045921	FITTING, F6400-8-8	2
19	045922	FTG, F6400-4-6-O STR JIC-SAE	4
20	045930	FTG, F6801-12-12-NWO 90° ELB	2
21	047354	FSTN, HHCS 5/8-18x2-1/4 GR8 YZPLT	1
22	047973	BLADE, 8 X 23 FLAT FINISH	6
23	048339	FSTN, HHCS 5/8-18 x 3 GR 8	1
24	048385	ORIFICE, FOR L/R STEERING CYLINDER	2
25	048624	CHANNEL, CYLINDER ROD END CONNECTOR	1
26	048627	SPACER, STEERING CONNECTION	2
27	048628	PIN, YOKE ARM	1
28	048659	PITCH CYLINDER HDX SERIES 3" BORE 1 1/2" STROKE	1
29	048747	1/2" MALE ROD END	1
30	049537	PLATE, PRESSURE 6 BOSS HDX740	1
31	049539	SPIDER ASSEMBLY, RH HDX740	1
32	049543	STABILIZER RING HDX740	1
33	049599	BEARING CAP HDX740	1
34	049697	BEARING HDX740 SPIDER ASSEMBLY	1
35	049698	PITCH YOKE ARM FOR HDX740	1
36	050700	KEY, HDX740 ROTOR	1
37	050718	CYLINDER, 1.5x1.5 STEERING	1
38	060495	FTG, 3/4" JIC FEMALE ASSEMBLY FOR HDX750 MOTOR CONNECTION	2
39	064251	FSTN, SHCS 5/8-11 X 1 1/2" LONG LH THREAD	1
40	064253	WASHER, HDX750B RETAINING	1
41	064256	SHAFT, ROTOR RH (SOM) HDX750B	1
42	064260	BEARING ASSEMBLY FOR HDX750B WITH BRONZE BEARING	2
43	064730	RH HYDRAULIC MOTOR MNT WLDT. HDX760(REXROTH)	1
44	064742	BRACKET, LH YOKE MNT. FOR ROTOR ASSEMBLIES HDX760	1
45	064745	BRACKET, RH YOKE MNT. FOR ROTOR ASSEMBLIES HDX760	1
46	065137	MOTOR, HYDRAULIC PISTON HDX760	1
47	065399	ORIFICE, 1.4 MM(.055) FOR HDX760	1

PARTS

LH (SOM) Rotor Assembly (064258) Illustration



LH (SOM) Rotor Assembly (064258)

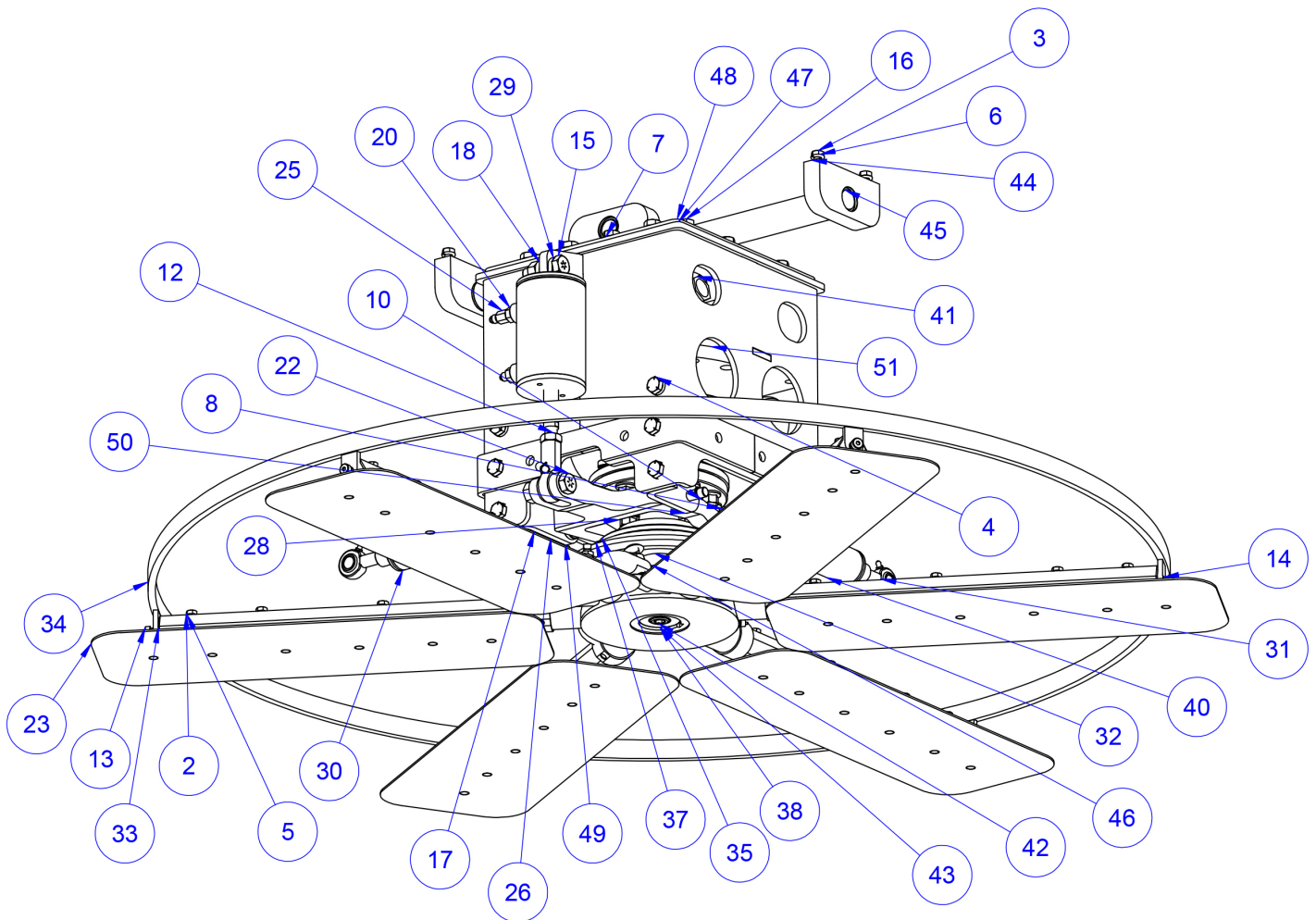
Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
1	010020	FSTN, HHCS 5/16-18 X 1	4
2	010024	FSTN, HHCS 5/16-18 X 2 GR 5	24
3	010036	FSTN, HHCS 3/8-16 X 1	4
4	010069	FSTN, HHCS 1/2-13 X 1-1/2 GRADE 8	8
5	010090	FSTN, LW 5/16	28
6	010091	FSTN, LW 3/8	4
7	010093	FSTN, LW 1/2 GR8	18
8	011238	FSTN, NUT HEX NYLOK 1/2-13	2
9	011490	FSTN, FW HARDENED 1/2	12
10	015677	RING, Ø7/16 E-STYLE RETAINING	2
11	015694	PLUG W-1 RED PLASTIC TAPERD	6
12	020688	FSTN, JAM HEX NUT 5/8-18 RH	3
13	025091	FSTN, 3/8 SHOULDER BOLTx1/2 LONG	6
14	025092	BUSHING, 3/8x1/2x5/16 BRONZE	6
15	027969	FSTN, HHCS 5/8-18 X 2 GR 8	1
16	038508	FSTN, HHCS 1/2-13 X 1 1/4 GR 8	12
17	043125	1/2" FEMALE ROD END	3
18	043269	FSTN, NUT STOVER 5/8-18	4
19	045921	FITTING, F6400-8-8	2
20	045922	FTG, F6400-4-6-O STR JIC-SAE	6
21	045930	FTG, F6801-12-12-NWO 90° ELB	2
22	047354	FSTN, HHCS 5/8-18x2-1/4 GR8 YZPLT	1
23	047973	BLADE, 8 X 23 FLAT FINISH	6
24	048339	FSTN, HHCS 5/8-18 x 3 GR 8	2
25	048385	ORIFICE, FOR L/R STEERING CYLINDER	3
26	048624	CHANNEL, CYLINDER ROD END CONNECTOR	2
27	048627	SPACER, STEERING CONNECTION	4
28	048628	PIN, YOKE ARM	1
29	048659	PITCH CYLINDER HDX SERIES 3" BORE 1 1/2" STROKE	1
30	048661	CYLINDER, 1.5x1.25 STEERING	1
31	048747	1/2" MALE ROD END	2
32	049537	PLATE, PRESSURE 6 BOSS HDX740	1
33	049538	SPIDER ASSEMBLY LH SOM HDX750	1
34	049543	STABILIZER RING HDX740	1
35	049599	BEARING CAP HDX740	1
36	049697	BEARING HDX740 SPIDER ASSEMBLY	1
37	049698	PITCH YOKE ARM FOR HDX740	1
38	049708	WASHER, HD RETAINING FOR 5/8 BOLT	1

PARTS

LH (SOM) Rotor Assembly (064258) cont'd Illustration



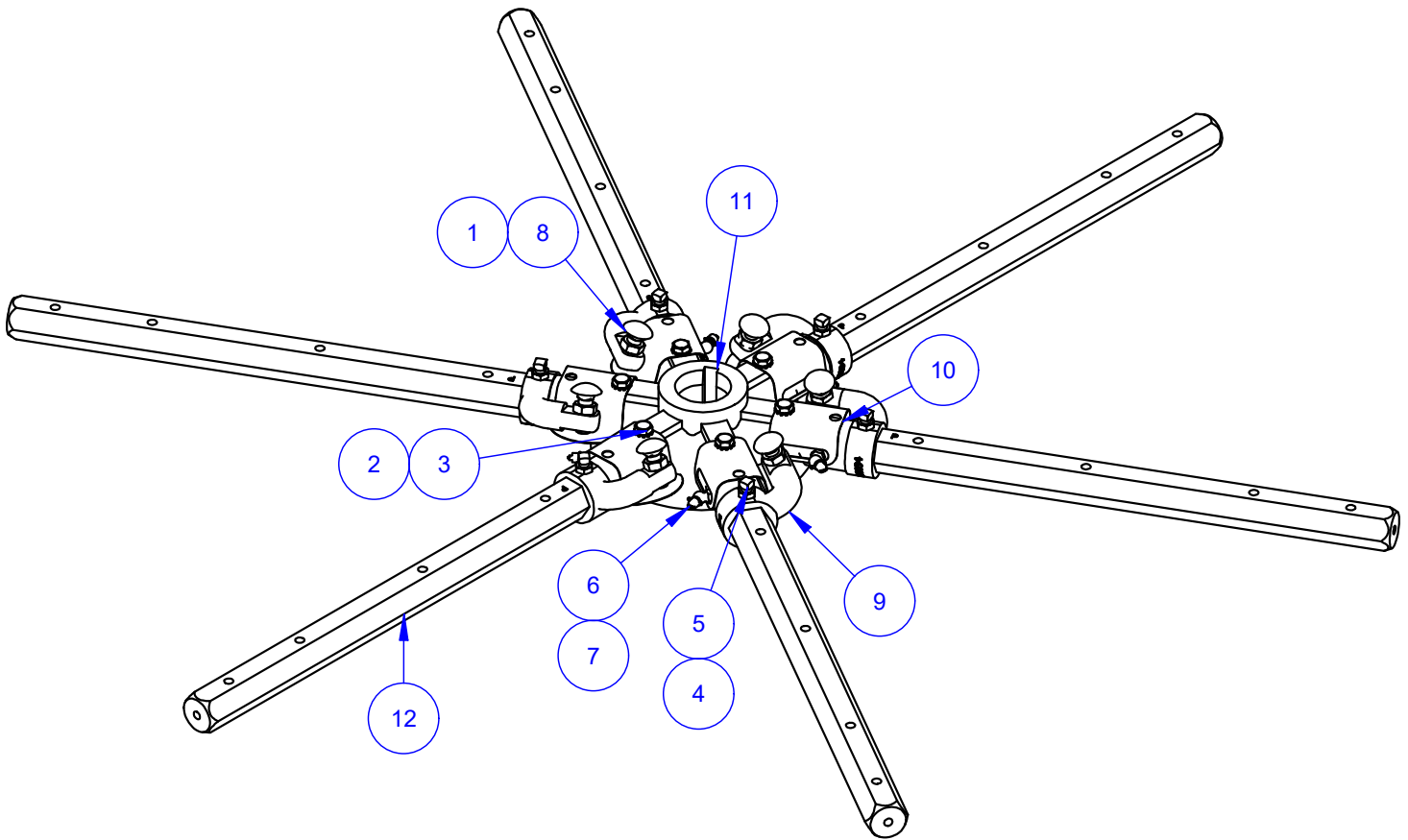
LH (SOM) Rotor Assembly (064258) cont'd Parts List

PARTS

ITEM	PART NO.	DESCRIPTION	QTY
39	050700	KEY, HDX740 ROTOR	1
40	050718	CYLINDER, 1.5x1.5 STEERING	1
41	060495	FTG, 3/4" JIC FEMALE ASSEMBLY FOR HDX750 MOTOR CONNECTION	2
42	064252	FSTN, SHCS 5/8-11 X 1 1/2" LONG RH THREAD	1
43	064253	WASHER, HDX750B RETAINING	1
44	064260	BEARING ASSEMBLY FOR HDX750B WITH BRONZE BEARING	4
45	064280	CROSSHEAD WELDMENT, L,R & F&R HDX750B	1
46	064287	SHAFT, ROTOR LH SOM HDX750B	1
47	064740	MOUNT, RH ROTOR MOTOR MNT HDX760(REXROTH)	1
48	064741	PLATE, TOP FOR LH HYD. MTR. MNT. HDX760 (REXROTH)	1
49	064742	BRACKET, LH YOKE MNT. FOR ROTOR ASSEMBLIES HDX760	1
50	064745	BRACKET, RH YOKE MNT. FOR ROTOR ASSEMBLIES HDX760	1
51	065137	MOTOR, HYDRAULIC PISTON HDX760	1
52	065399	ORIFICE, 1.4 MM(.055) FOR HDX760	1

PARTS

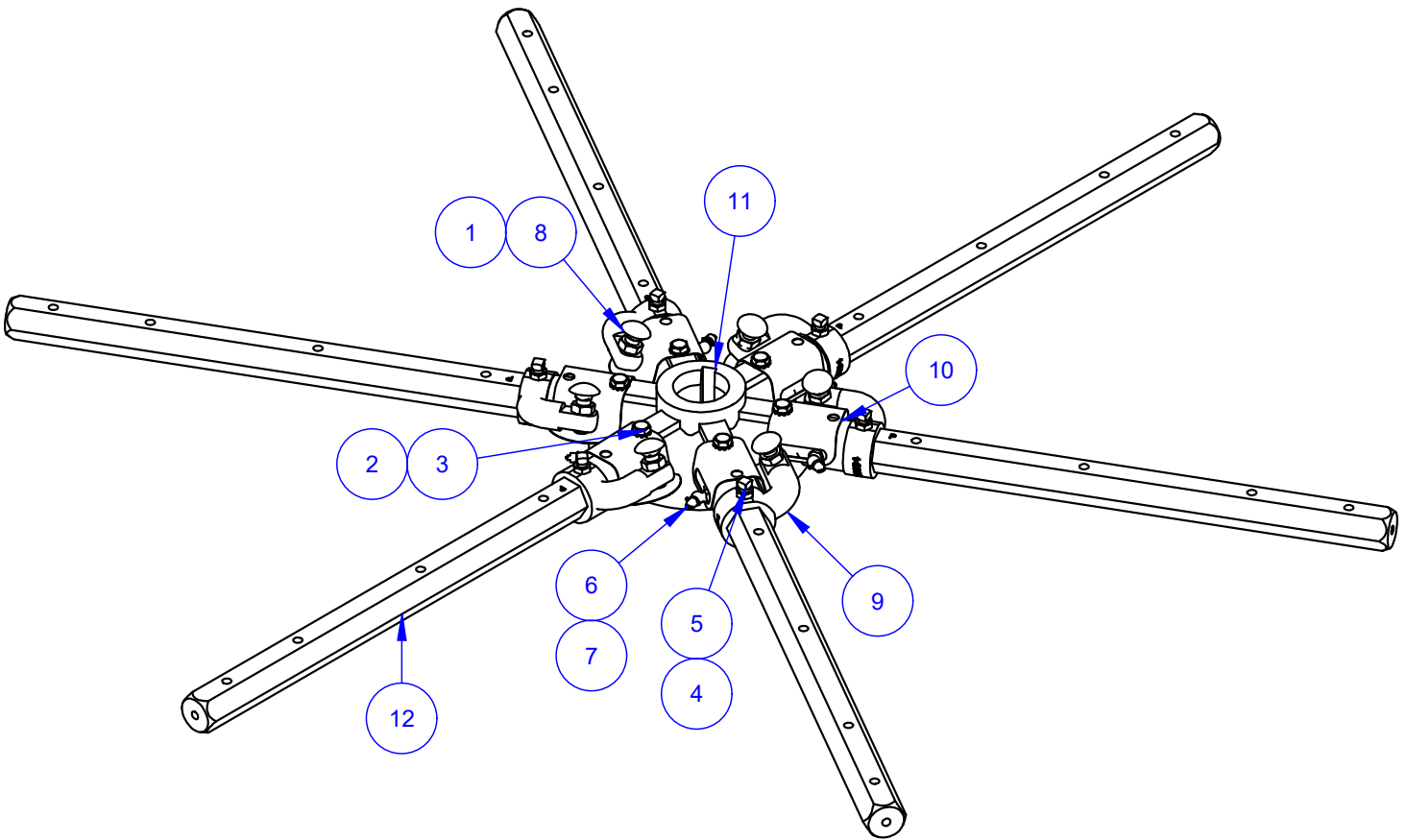
RH Spider Assembly Illustration



ITEM	PART NO.	DESCRIPTION	QTY
-	049539	Assembly, RH Spider	-
1	010050	Fastener, Hex Jam Nut 1/2"-13 Grade 8	6
2	015682	Fastener, Lock Washer Ext Star 3/8"	6
3	015683	Fastener, Dog Cap Screw 3/8"-16 x 7/8"	6
4	015684	Fastener, Hex Jam Nut 3/8"-16 Grade 8	6
5	015686	Fastener, SQHSS 3/8"-16 x 1"	6
6	015692	Grease Cap, 1/4" dia.	6
7	024755	Fitting, Grease 1/8"-27 NPT 45°	6
8	028216	Fastener, CABLT 1/2"-13 x 1-1/2" Grade 8	6
9	033034	Lift Lever, SD Universal	6
10	040792	Spring Clip, 46-48 Universal Spider	6
11	064198	Spider Boss, 6 Blade Universal	1
12	049533	Trowel Arm	6

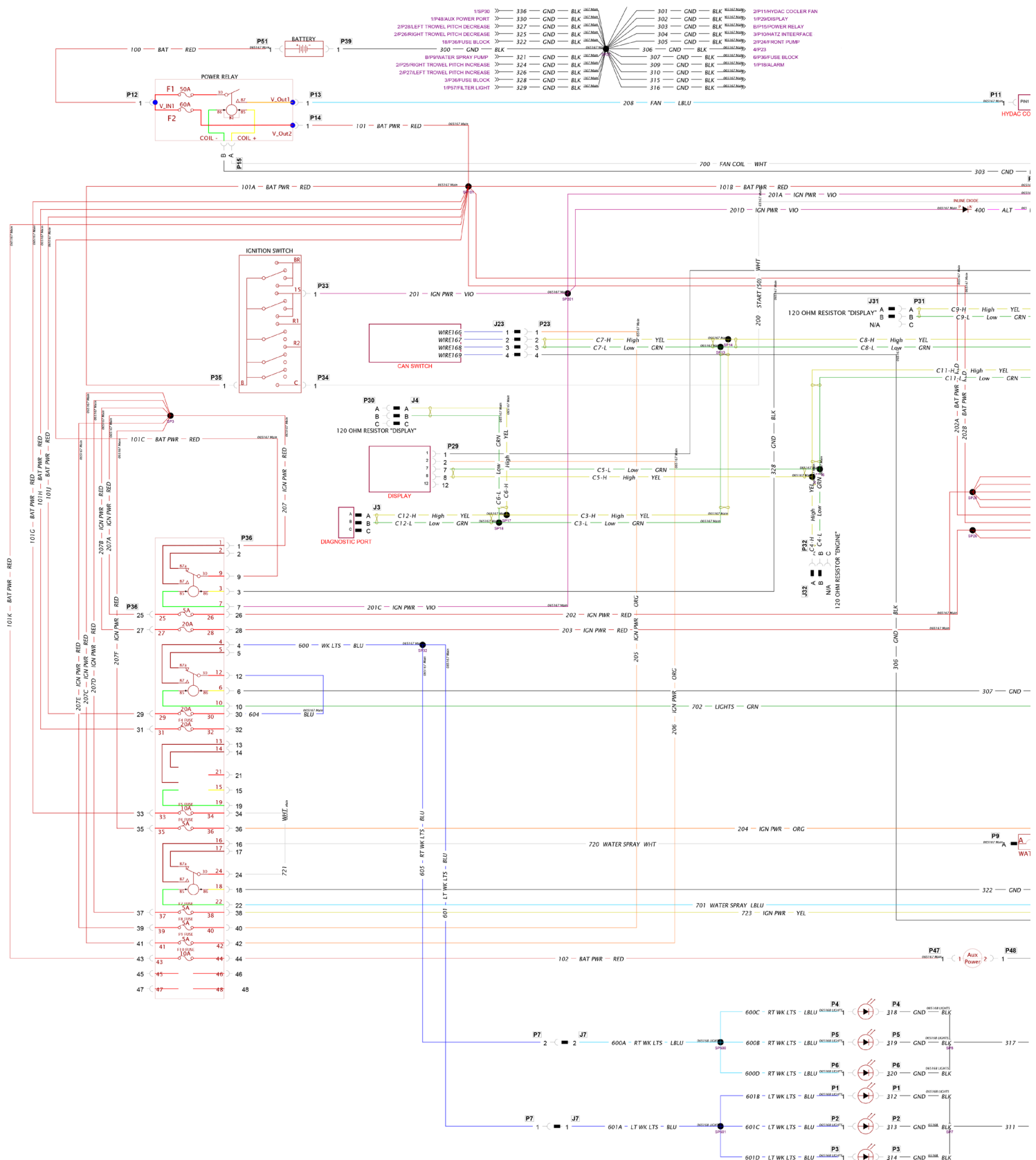
LH Spider Assembly Illustration

PARTS



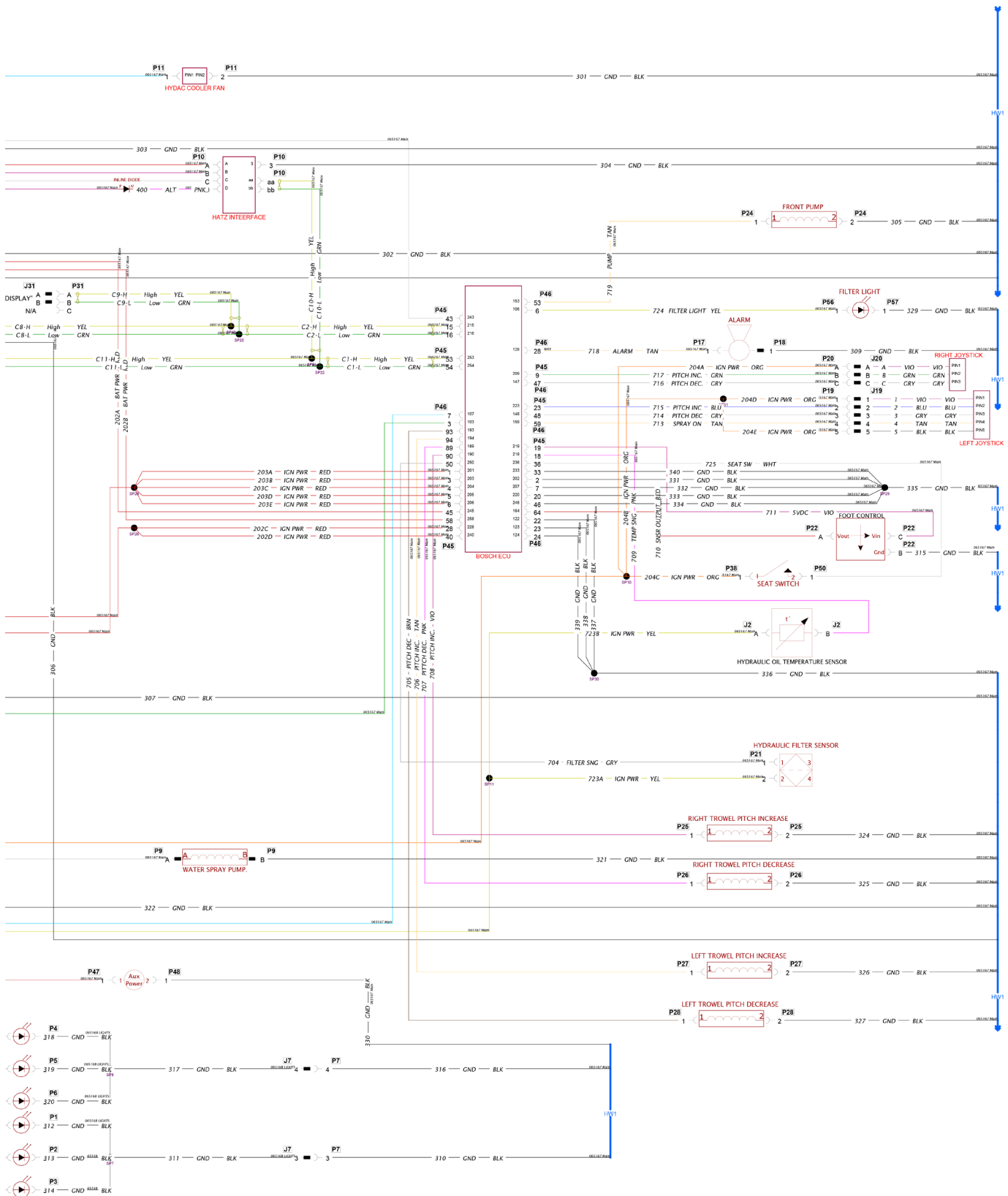
ITEM	PART NO.	DESCRIPTION	QTY
-	049538	Assembly, RH Spider	-
1	010050	Fastener, Hex Jam Nut 1/2"-13 Grade 8	6
2	015682	Fastener, Lock Washer Ext Star 3/8"	6
3	015683	Fastener, Dog Cap Screw 3/8"-16 x 7/8"	6
4	015684	Fastener, Hex Jam Nut 3/8"-16 Grade 8	6
5	015686	Fastener, SQHSS 3/8"-16 x 1"	6
6	015692	Grease Cap, 1/4" dia.	6
7	024755	Fitting, Grease 1/8"-27 NPT 45°	6
8	028216	Fastener, CABLT 1/2"-13 x 1-1/2" Grade 8	6
9	033034	Lift Lever, SD Universal	6
10	040792	Spring Clip, 46-48 Universal Spider	6
11	064198	Spider Boss, 6 Blade Universal	1
12	049533	Trowel Arm	6

Electric Schematic Illustration



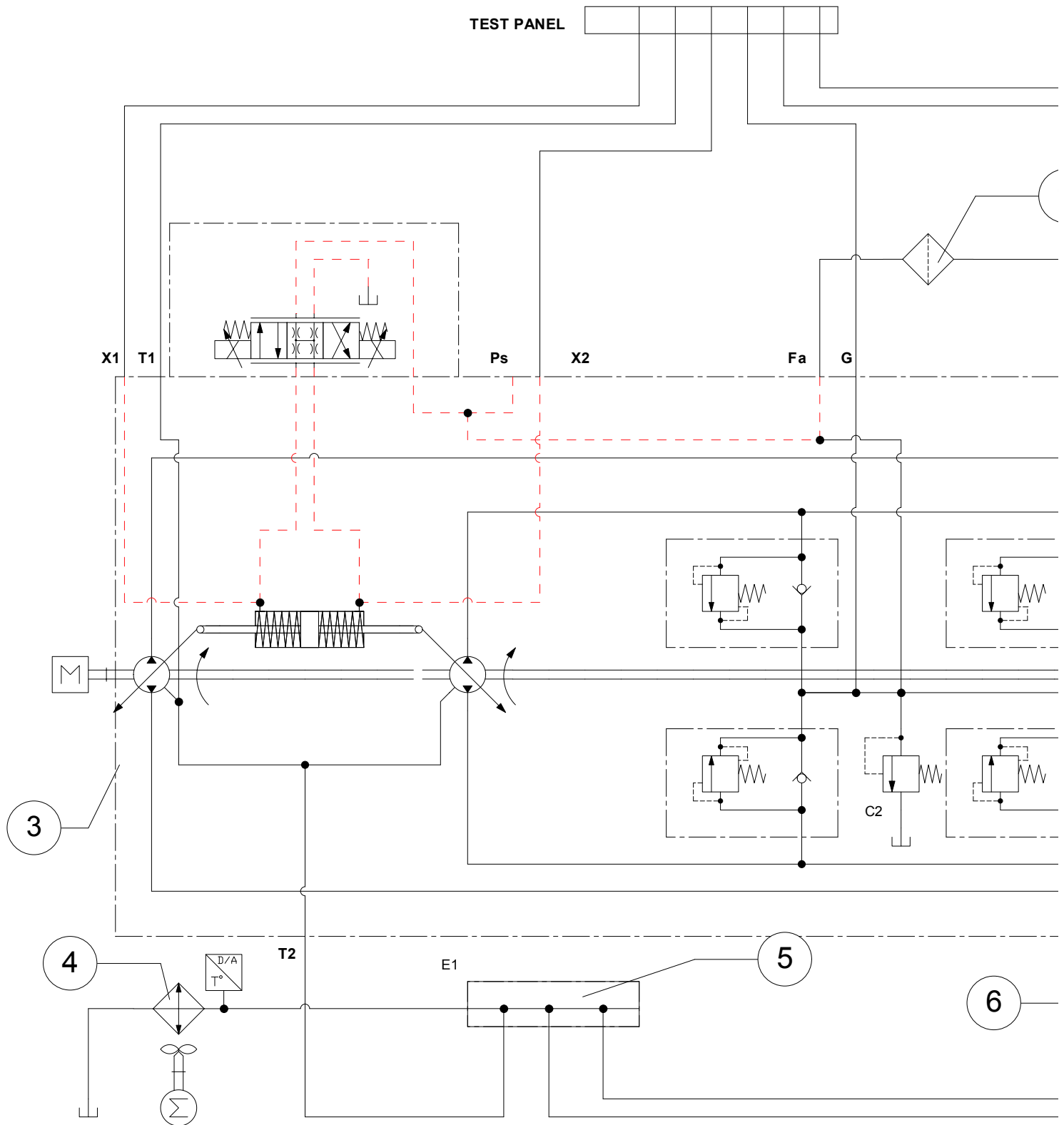
Electric Schematic Illustration

PARTS



PARTS

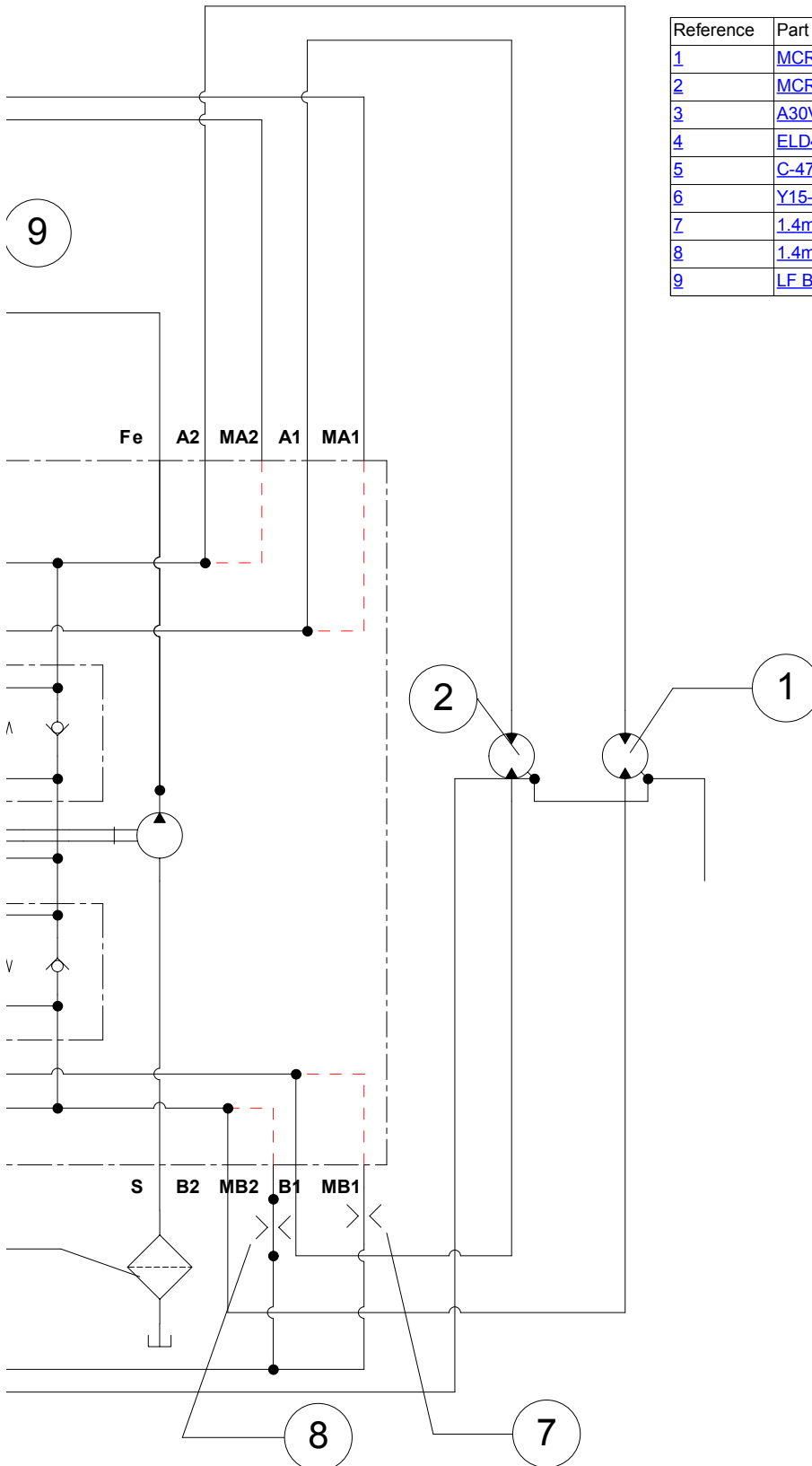
Hydraulic Schematic Illustration



Hydraulic Schematic Illustration

PARTS

Reference	Part Number	Quantity
1	MCR5C520F....	1
2	MCR5C520F....	1
3	A30VG028EP3....	1
4	ELD4.5H3.512B....	1
5	C-47536	1
6	Y15-149-2	1
7	1.4mm orifice	1
8	1.4mm orifice	1
9	LF BH/HC 110 I C....	1





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