



PARTS MANUAL

LOAD KING

60-110

LOAD KING WARRANTY

Load King (herein after referred to as the COMPANY) warrants all products manufactured by it and purchased by you to be free from defects in material and manufacture at the time of shipment, for one (1) year from date of delivery. The COMPANY will furnish replacements for such parts as the COMPANY finds to have been defective at the time of delivery or, at the COMPANY's option, will make or authorize repairs to such parts, provided that, upon request, such parts are returned, transportation is prepaid to the factory from which they were shipped.

This warranty shall not apply to any Product which has been subjected to misuse, misapplication, overloading, neglect (including but not limited to use of unauthorized parts or attachments), adjustments or repair. Engines, motor, tires, wheels, suspensions, axles, etc. and any accessories furnished with or used in the COMPANY's products, but which are not manufactured by the COMPANY, are not warranted by the COMPANY but are sold only with the express warranty, if any, or the manufacturers thereof. This warranted is limited to the first purchaser/user and is not transferable.

THE FOREGOING IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED (INCLUDING, WITHOUT LIMITATIONS, OF MERCHANTABILITY AND FITNESS OF ANY PRODUCT FOR A PARTICULAR PURPOSE), AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF THE COMPANY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION OF THE FACE THEREOF.

LIMITATION OF LIABILITY

It is expressly understood and agreed by you that the COMPANY's liability for its products, whether due to breach of warranty, or otherwise is limited to the furnishing of such replacement parts, F.O.B.

factory, and the COMPANY will not be liable for any other injury, loss, damage, or expense, whether direct or consequential, including but not limited to loss of use, income, profit, or production, injury to person or increase in cost of operation, spoilage of or damage to material, arising out of or in connection with the sale, installation, use or inability to use, or the repair or replacement of the COMPANY's products.

All used vehicles and/or bodies are sold in the "AS IS" condition and no expressed or implied warranty is made.

All of COMPANY'S Products are of high quality and are manufactured in conformity with the best commercial practices in the various lines. The COMPANY guarantees all Products manufactured by it to be free from defects in material and manufactured at the time of shipment, for one (1) year from date of delivery. In addition, the COMPANY guarantees the portion of the product to be considered structural for one (1) year from date of manufacture.

While Load King, LLC. designs and manufactures its specific equipment configurations to industry standards, it is ultimate responsibility of the buyer/operator to assure that all loads are properly loaded and distributed. All loads must comply with the applicable state and federal load limits.

INSTRUCTIONS FOR ORDERING PARTS

When ordering parts, contact your nearest Load King distributor and give the following information to assure prompt service:

MACHINE IDENTIFICATION:

State the model and Product Identification Number (PIN), located on the plate in the Operator's Cab.

The six digit serial number is shown on a plate on the outside front of the operator's cab for convenient access.



PART IDENTIFICATION:

State the part number, description and quantity required. Do not use the item number. Avoid using the words "Pairs" or "Sets".

<u>REF</u>	<u>PART.NO.</u>	<u>DESCRIPTION</u>
T139803		Mirror, Convex 1

SHIPPING INSTRUCTIONS:

State the invoicing address. Unless otherwise specified, invoices will be mailed to the shipping address.

State the correct shipping address and the means of shipment: parcel post, air mail, air freight, UPS, bus, etc.

Load King
7701 Independence Ave, Kansas City, MO
64125
Parts: (816) 241- 8387
Service: (833) 281-7911
info@loadkingmfg.com

USING THIS PARTS BOOK

This Parts Manual has been designed for optimum ease of reading and is the key to Customer-Distributor-Factory communication. Genuine replacement parts, along with interchangeable product improvements as they become available, will keep your machine in a reliable and productive condition.

The following instructions describe the features of the manual and how to use it effectively.

Use this manual also as a supplement to the Operator's Manual and Maintenance Manual when performing service procedures on the machine.



IMPORTANT

This manual lists serviceable parts for **EVERY** machine built of this model designation. Serial numbers are used to identify parts when a product improvement is made or an alternate component is used. **KNOW THE SERIAL NUMBER OF YOUR MACHINE** before searching for replacement parts.

The **PARTS CHAPTER INDEX** shows the functional arrangement of associated parts for the machine. A chapter number identifies the same chapter of parts regardless of model (Chapter 2 is always the Lower Structure). The chapters which apply to the machine are listed in numerical order.

PAGE NUMBERS are in numerical sequence within each parts chapter.

EXPLODED VIEW ILLUSTRATIONS show the relationship of assembled parts. The illustrations are keyed to an accompanying parts list on the same page or on the facing page and are positioned for ease in reading the manual.

LOCATING INDIVIDUAL PARTS

1. Turn to the PARTS CHAPTER INDEX and find the general area of the part in question. (Example: Seat would be found in "Operator's Cab" chapter 1).
2. Refer to the parts chapter and check to see if a subsequent letter-designated chapter is used. Check the title block on the pages to determine the application of the chapter to your particular machine.

ENGINE	2
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FILTER	5
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3. Major assemblies are shown at the beginning of each chapter with page references to component parts breakdowns on the pages which follow. Briefly skim through the chapter to familiarize yourself with the information included in it. Locate the illustration and parts list which pertain to the assembly or part you desire. Compare the serial number of your machine to those which may appear on the page to be sure you are ordering the correct part.
4. Item numbers on the illustration correspond to those in the parts list. Parts not shown with an item number are the same as identical or symmetrical parts with an item number. Parts keyed with an asterisk or other symbol are included in a repair kit. If no part number is shown, these parts cannot be ordered separately.
5. Quantities are shown as required per component assembly unless otherwise noted.
6. If an assembly is listed without any serviceable parts, it must be ordered complete. Serviceable parts of components are listed under the component part or a subsequent page as indicated.
7. All hardware shown without the size listed after the noun name is specially made for the particular application and must not be substituted with standard hardware.

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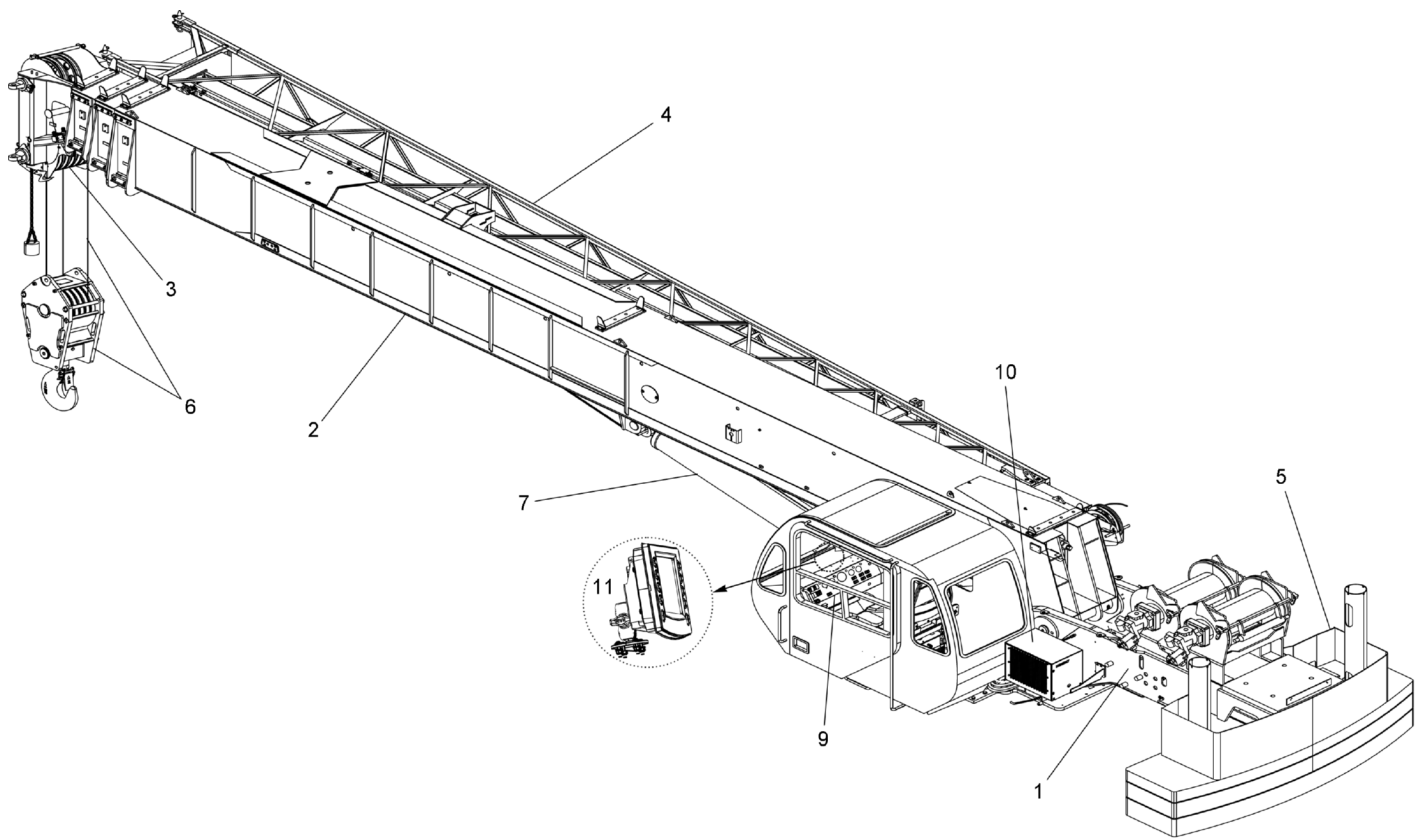
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CHAPTER NO. 1

60-110 UPPER STRUCTURE



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



60-110 UPPER STRUCTURE

DATE: Revised 09-2017

MODEL: 60-110

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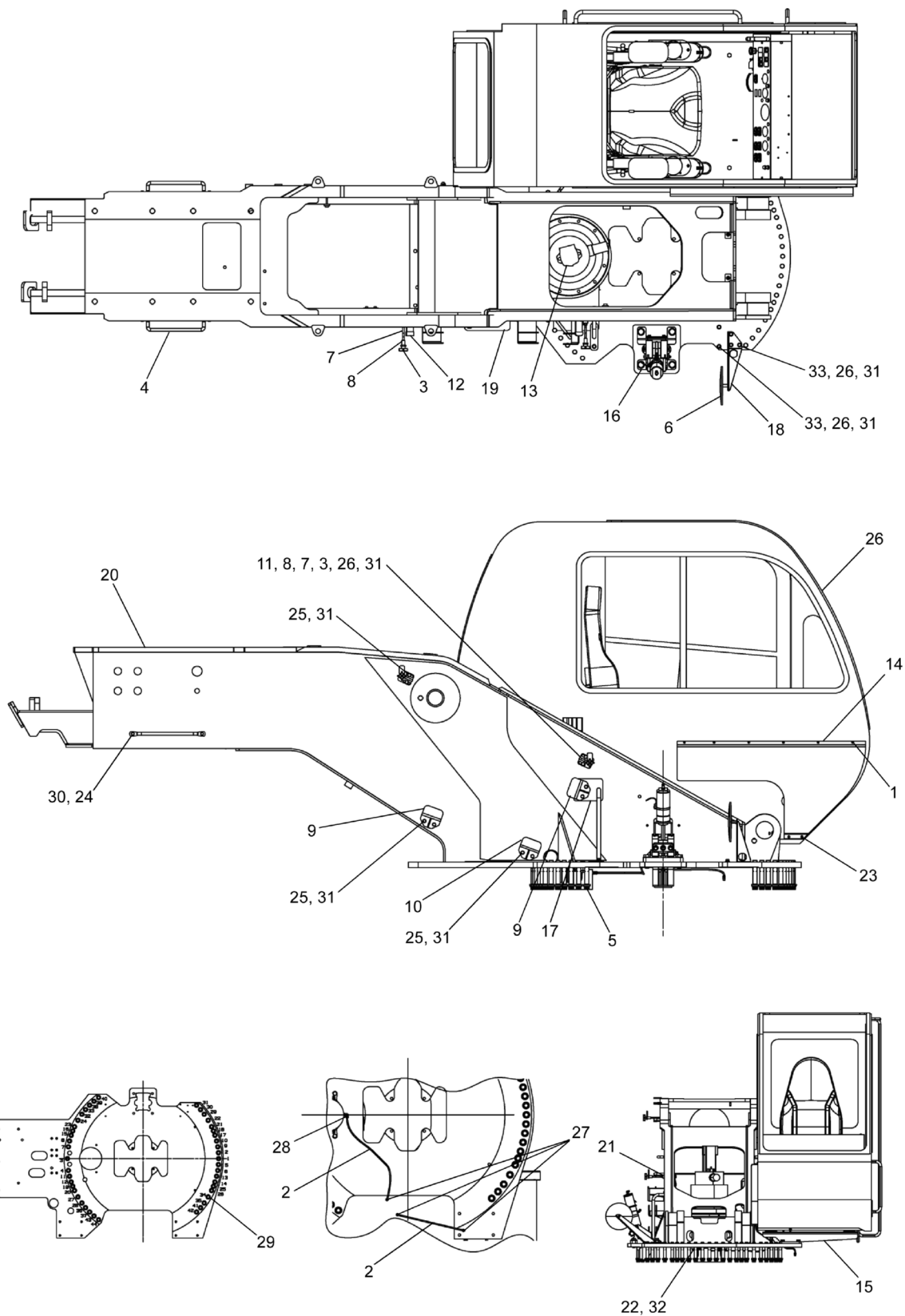
<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	XO 6000-UPR-STR (Rev. 00)	60-110 UPPER STRUCTURE	
1	T108157	Superstructure Installation (see page 19)	1
2	717A1117	Boom Assembly, 110 FT (see page 58)	1
3	714A0774	5 Sheave ASSY, Nylon (see page 68)	1
4	XO 6000-JIB ASSY*	Jib ASSY, Offsettable 32' -57' (see page 71)	REF
5	XO 6000-CTWT-OPTs*	Counterweight Options (see page 88)	REF
6	XO 6000-HOOK BLOCK*	Hook Block & Wire Rope Options (see page 101)	REF
7	T108166	Upper Hydraulic Installation (see page 126)	1
8**	T137787	38 Pass COLL Ring Assembly (see page 149)	1
9	T108726	Dash Assembly Upper (see page 152)	1
10	XO 6000-AC&HEATER-OPTs*	Upper Cab A.C. & Heater Options (see page 154)	REF
11	T122103	RCL Assembly, ORPS (see page 206)	1
12**	719A0920	Single Lever-Dual Axis (see page 215)	1
12**	719A0920	ASSY Single Lever Controls (see page 221)	1
13**	719A0921	Dual Lever-Single Axis (see page 222)	1
13**	719A0921	Dual Lever Single Axis ASSY (see page 228)	1

* NOT PURCHASABLE AT THIS LEVEL

** NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	60-110 UPPER STRUCTURE	DATE: Revised 09-2017	CHAPTER 1
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SUPERSTRUCTURE INSTALLATION

DATE: Revised 08-2016

MODEL: 60-110

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CHAPTER

1

REF	PART NO.	DESCRIPTION	QTY
	T108157 (Rev. D)	<i>Superstructure Installation</i>	
1	1203-265	#10-24 PAN HD. SCR	6
2	12180-36	Tubing, -4 Green 72" Long	1
3	1221-81	Knob	2
4	209-00444	Handle	2
5	42689	Cup, Lubrication	1
6	706-9604	Mirror	1
7	707-8633	Stud Zinc	2
8	707F6609	Ear	2
9	707F8630	Bracket	2
10	707F8641	Bracket, Window	1
11	707F8767	Bracket	1
12	707F8768	Bracket	1
13	710-0304	Swing Drive (Braden) (see page 21)	1
14	710-0318	Cover WLDMNT, Cab Hoses	1
15	717A0278	Cab Mount ASSY (see page 24)	1
16	718A0960	Swing Lock Assembly (see page 26)	1
17	720F0393	Weldment Handrail	1
18	722-0046	Mirror Bracket	1
19	723-0113	Plate, Shield	1
20	723F0112	Superstructure Weld	1
21	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	2
22	S01-500CA50-25	SCR, HHCS 0.50-13 X 1.50, ST SQC G5	2
23	SFS-190C750-25	SCR, HXFLG SERR #10-24X0.75, G5	2
24	SHF-312C750-25	SCR, HHCS FT 0.312-18X0.75, STZ G5	4
25	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST SQC G5	17
26	T108725	Upper Cab Assembly (see page 30)	1
27	T120964	Adapter, MNTP-2/PTC-4	3
28	T145513	Elbow, 90, MNPT-2	1
29	T146519	Kit, Superstructure Installation (see page 57)	1
30	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST SQC	4
31	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	17
32	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	2
33	WAH-37NX000-Y2	WSH, FL HRD A-NRW 0.375, ST YZ	7

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SUPERSTRUCTURE INSTALLATION

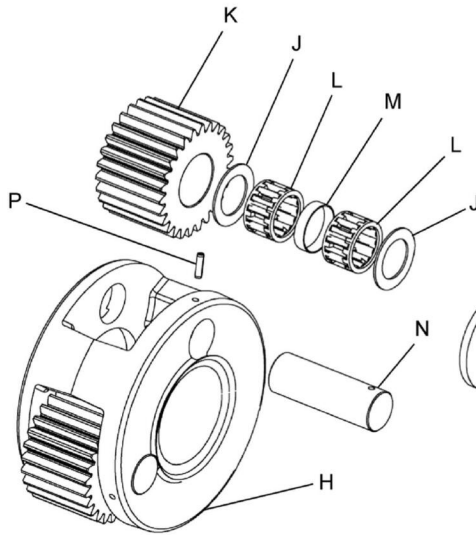
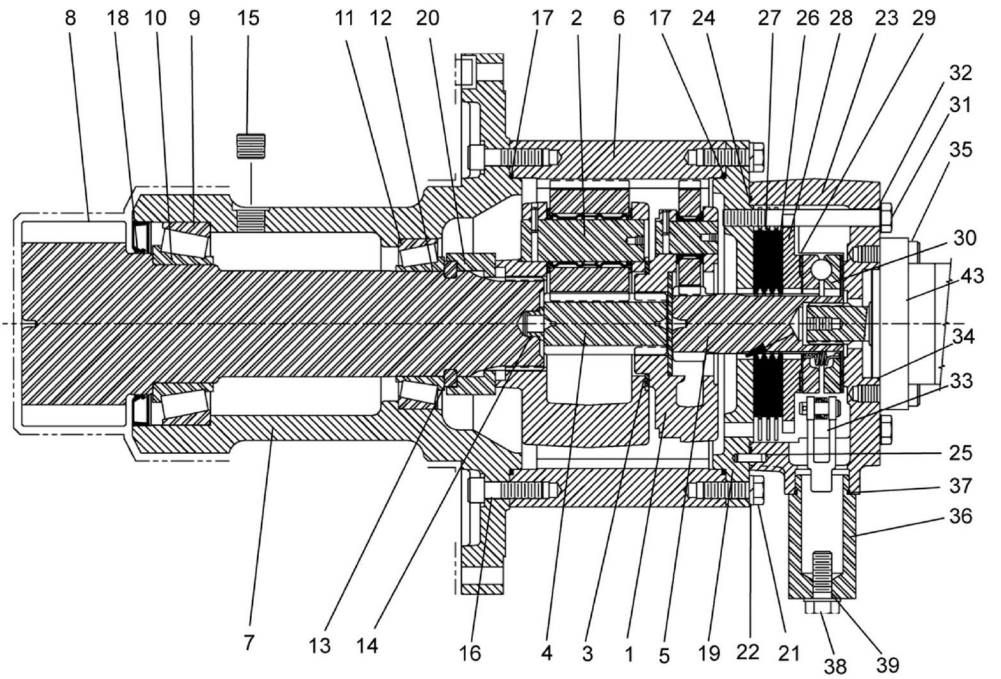
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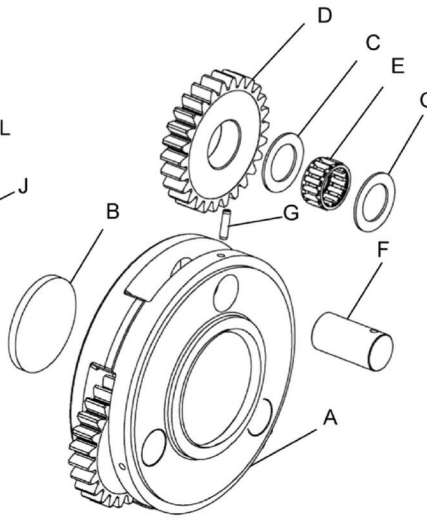
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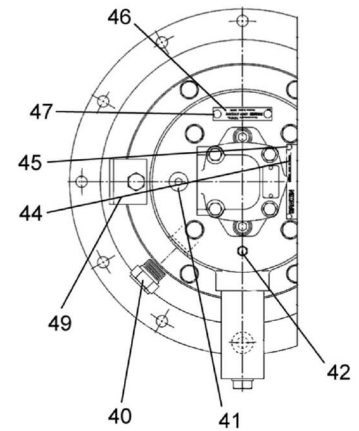
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OUTPUT PLANET ASSEMBLY



PRIMARY PLANET ASSEMBLY



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

REF	PART NO.	DESCRIPTION	QTY
	710-0304 (Rev. A)	Swing Drive (Braden)	
1	216068	Primary Planet Carrier ASSY	1
A	215425	Primary Planet Carrier	1
B	215451	Spacer, Primary	1
C	215429	Thrust Washer	6
D	215426	Primary Planet Gear	3
E	215428	Roller Bearing	3
F	215427	Primary Planet Gear Shaft	3
G	215430	SPIROL Pin	3
2	216069	Output Planet Carrier Assembly	1
H	218646	Planet Carrier	1
J	215436	Thrust Washer	6
K	215432	Planet Gear	3
L	215434	Roller Bearing	6
M	215435	Bearing Spacer	3
N	215433	Planet Gear Shaft	3
P	218982	Pin-SPIROL	3
3	215455	Thrust Washer	1
4	215448	Output Sun Gear	1
5	216072	Input Sun Gear	1
6	216073	RIng Gear	1
7	216074	Pinion Housing	1
8	216075	Output Pinion	1
9	216076	Cup, Bearing	1
10	216077	Cone, Bearing	1
11	216078	Cup, Bearing	1
12	216079	Cone Bearing	1
13	216080	Split Ring	1
14	216081	Flange Bushing	1
15	216082	Pipe Plug	1
16	218650	Capscrew	12
17	216084	O-Ring	2
18	216085	Seal, Lip	1
19	216086	Housing Adapter	1
20	216087	Spacer	1
21	218651	Capscrew	6
22	215470	Lockwasher	6
23	216090	Housing	1
24	216091	O-Ring	1
25	216092	Dowel Pin	1
26	216093	Friction Disc	4
27	216094	Brake Disc	3
28	216095	Brake Pressure Plate	1
29	216096	Thrust Bearing	2
30	216097	Brake Actuating Assembly	1
31	224629	Capscrew	4
32	216099	Sealing Washer	4
33	216100	Clevis	1
34	216101	O-Ring	1
35	218653	Capscrew	2

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

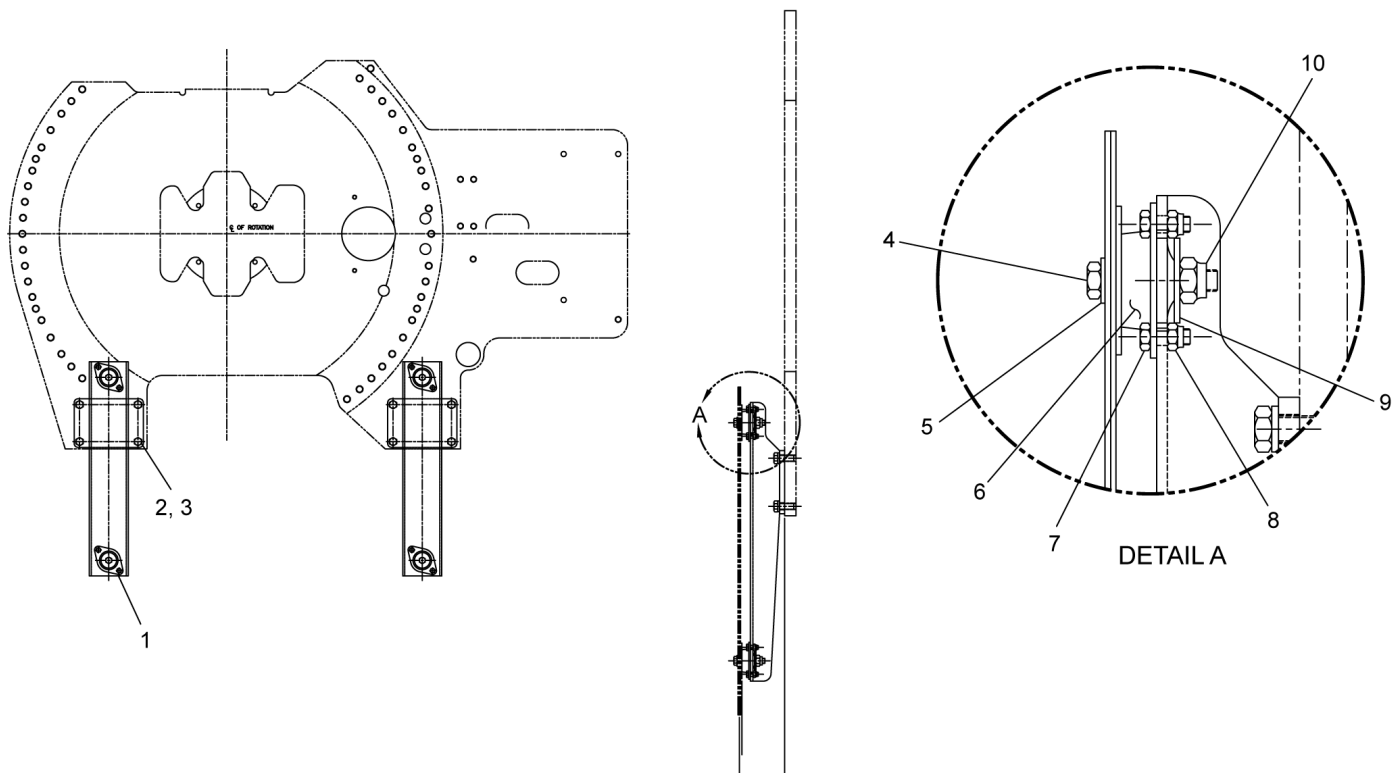
	SWING DRIVE (BRADEN)	DATE: Revised 08-2011	CHAPTER 1
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	710-0304 (Rev. A)	<i>Swing Drive (Braden)</i>	
36	216103	Cable Adapter	1
37	216104	O-Ring	1
38	216105	Capscrew	1
39	216106	Seal Washer	1
40	218654	Sight Gauge	1
41	215457	16496-8 Plug, O-Ring Flush	1
42	215458	Relief Valve 7.5-15 PSI	1
43	216110	Hydraulic Motor	1
44	218655	Drive Screw	4
45	218656	Nameplate, GH5, PD5 Winches	1
46	218657	16055-5 Drive Screw	2
47	218658	Plate	1
48*	218660	Plug	1
49	224285	Lifting Tab	1
50*	216111	Ship Loose Group-SD80A	1
51*	216112	Hose Assembly	1
52*	216113	Plug, JIC	1
53*	216114	Bushing, Pilot	1
54*	224650	Capscrew	8
55*	216116	Washer, Flat	8

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	SWING DRIVE (BRADEN)	DATE: Revised 08-2011	CHAPTER 1
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



CAB MOUNT ASSEMBLY

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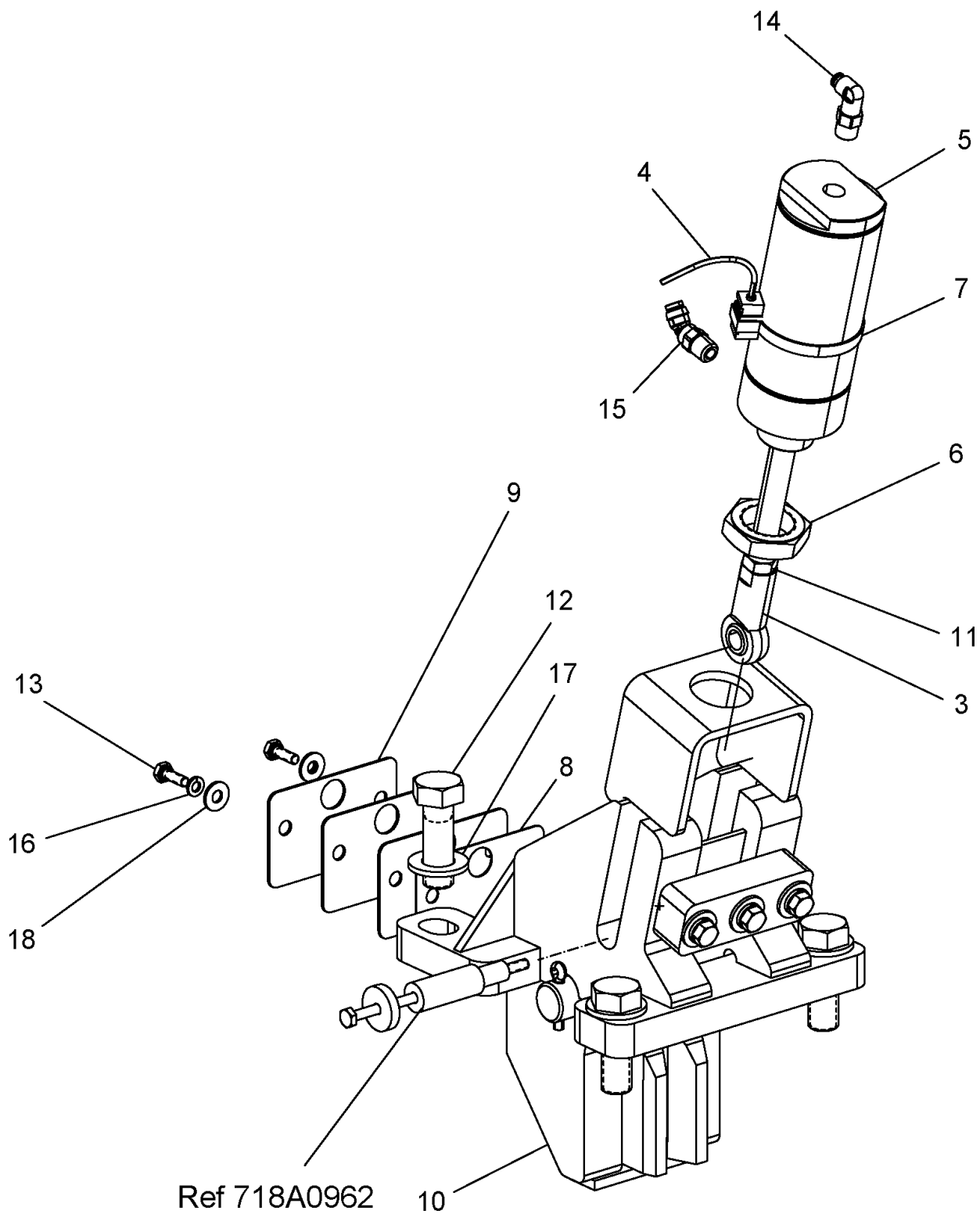
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	717A0278 (Rev. F)	<i>Cab Mount ASSY</i>	
1	717F0276	Mount, Cab	2
2	SHF-625CA50-Y8	SCR, HHCS FT 0.625-11 X 1.50, ST SQC G8	8
3	W07-625X000-20	WSH, LCK, MED SPLT 0.625, ST Z	8
4	S01-500CC50-25	SCR, HHCS 0.50-13 X 3.50, ST SQC G5	4
5	WAN-50NX000-20	WSH, FL TYP A-NRW 0.50, ST Z	4
6	1221-137	Mount, Rubber	4
7	SHF-375CA25-25	SCR, HHCS FT 0.375-16 X 1.25, STZ G5	8
8	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	8
9	WFD-500XB00-20	WSH, FNDR 0.50 X 2.00, ST SQC	8
10	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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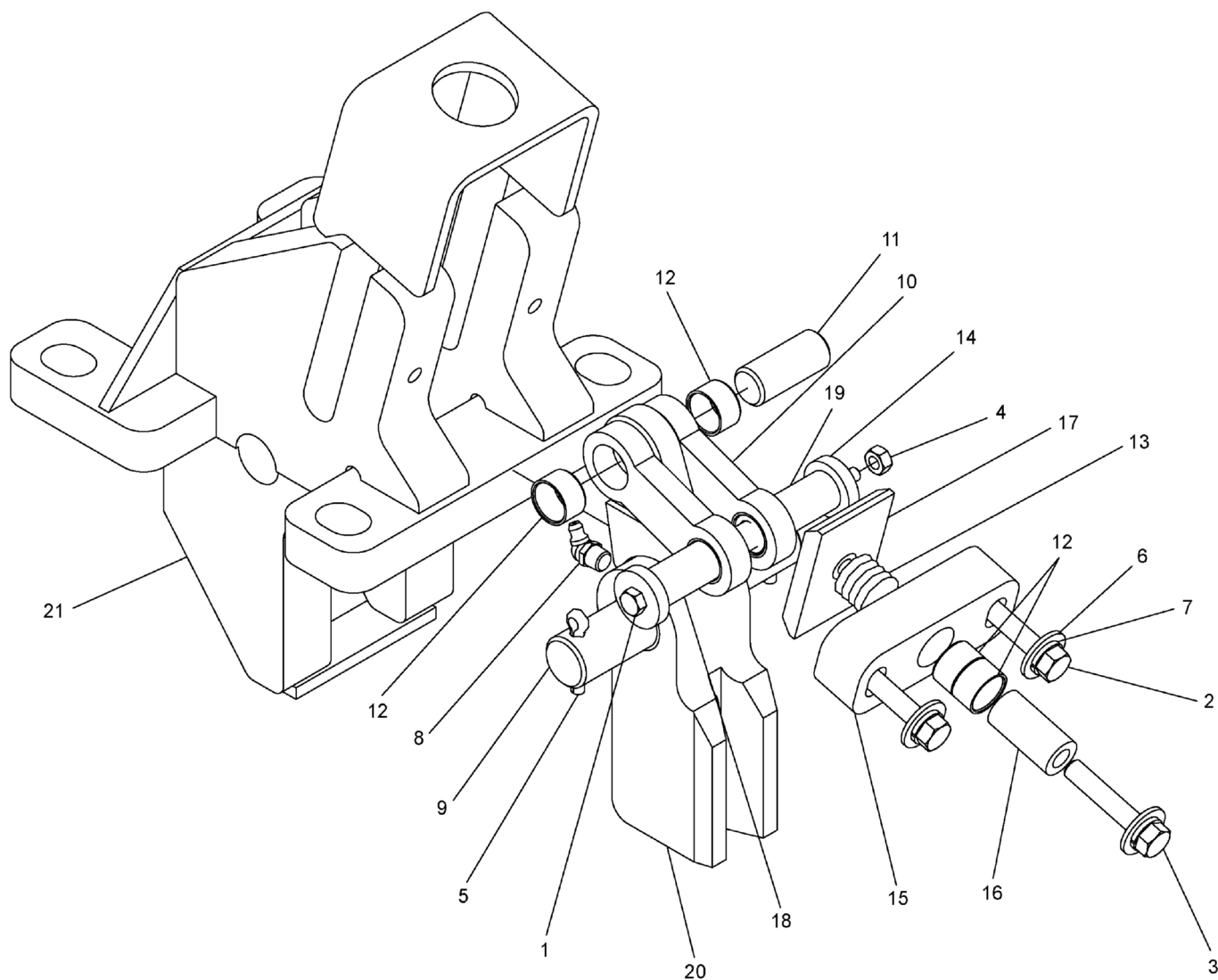
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	718A0960 (Rev. D)	<i>Swing Lock Assembly</i>	
1*	1266-1	Loom	30
2*	32Z890D102	Wire Tie TY 1 1.25D X 5.5L X .14	5
3	422-3024	Rod End	1
4	714A1471	Reed Switch Assembly	1
5	718-0819	Cylinder	1
6	718-0820	Mounting Nut	1
7	718-0880	Clamp	1
8	718-0967	Shim - 20 GA.	1
9	718-0968	Shim 16 GA.	3
10	718A0962	House Lock ASSY (see page 28)	1
11	N05-500F000-25	Nut, HEX JAM 0.50-20, ST SQC G5	1
12	S01-750CB25-Y8	SCR, HHCS 0.75-10 X 2.25, ST SQC G8	4
13	SHF-250C750-25	SCR, HHCS FT 0.25-20 X 0.75, ST SQC G5	2
14	T118090	Elbow, 90, MNPT-4SW/PTC-4	1
15	T145521	Elbow, 45, MNPT-4/PTC-4	1
16	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST SQC	2
17	WAN-75NX000-20	WSH, FL TYPA-NRW 0.75, ST SQC	4
18	WAW-25WX000-20	WSH, FL TYPA-WID 0.25, ST SQC	2

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOUSE LOCK ASSEMBLY

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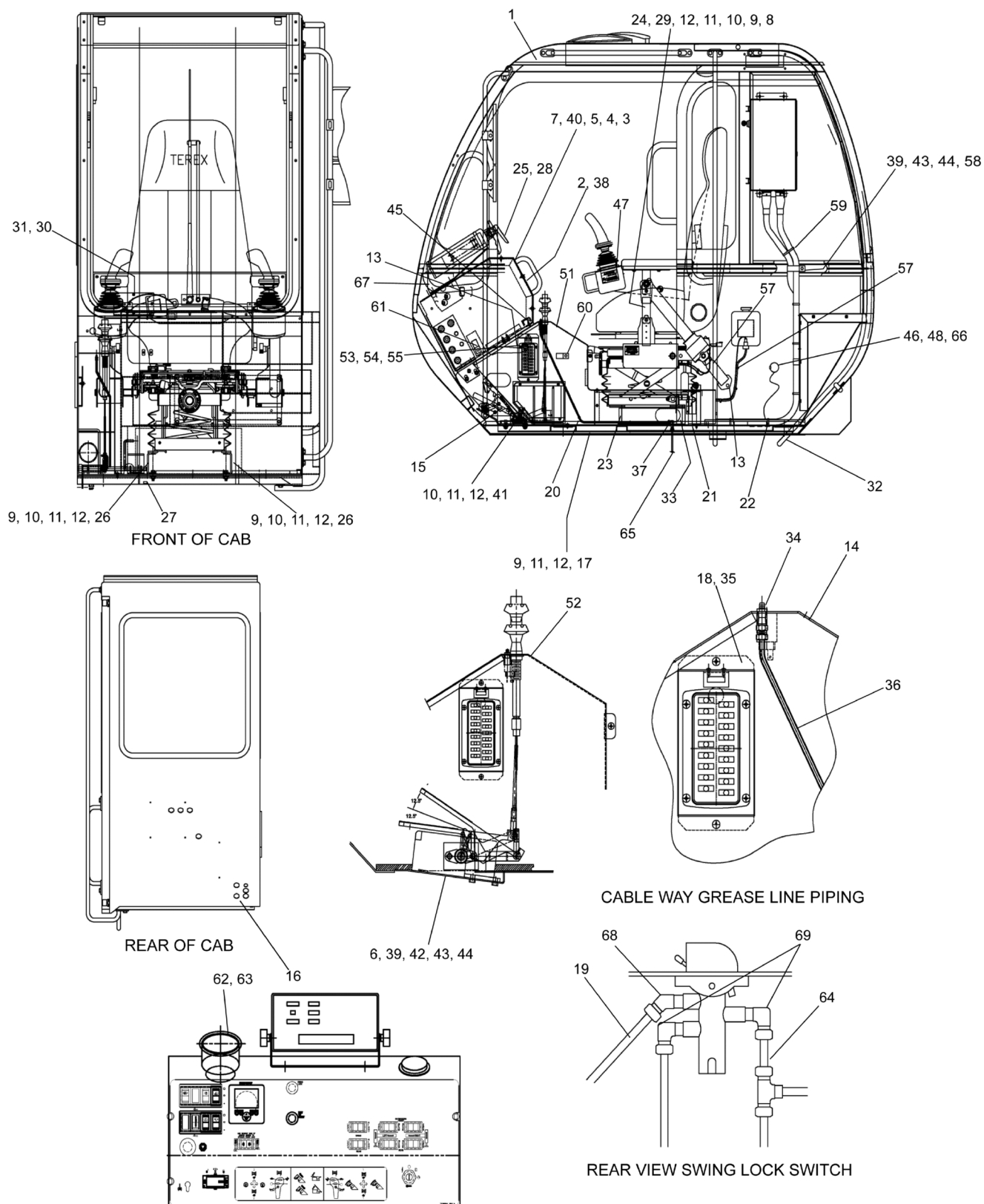
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	718A0962 (Rev. B)	House Lock ASSY	
1	S01-250CE50-25	SCR, HHCS 0.25-20 X 5.50, ST SQC G5	1
2	S01-375CA50-25	SCR, HHCS 0.375-16 X 1.50, ST SQC G5	2
3	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	1
4	NYL-250C000-25	Nut, HEX NYL-INS 0.25-20, ST SQC G5	1
5	P02-250XA50-20	Pin, Cotter 0.25 X 1.50, ST SQC	2
6	WAR-375X000-22	WSH, FL TYP A-REG 0.375, ST SQC G2	3
7	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	3
8	1213-4	1/8 MPT ZERK 65°	1
9	708 0182	Pin	1
10	717 0895	Link	2
11	717 0896	Pin	1
12	717 0893	Bushing	6
13	717 0894	Spring	1
14	717 0899	Slug	2
15	717 0900	Plate-Spring	1
16	717 0901	Standoff	1
17	717 0902	Pad	1
18	718 0825	Pin	1
19	718 0826	Pin	1
20	718F0596	Lock Dog	1
21	718F0961	House Lock Mount	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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REF	PART NO.	DESCRIPTION	QTY
	T108725 (Rev. S)	<i>Upper Cab Assembly</i>	
1	T120173	Cab, Operators (see page 33)	1
2	T108276	Upper Dash Panel ASSY	1
3	1245-62	Level	1
4	S14-138CA25-HB	Screw, SHCS 06-32 X 1.25, ST BX	3
5	N23-138C000-20	Nut, HEX, MACH 06-32, ST Z	3
6	724-0266	Foot Pedal-Boom	1
7	W07-138X000-20	WSH, LCK MED SPLT 06, ST Z	3
8	T110699	Slimline Seat (see page 51)	1
9	S01-312CA00-25	SCR, HHCS 0.3125-18X1.00, ST Z	6
10	WAW-31WX000-20	WSH, FL TYP A-WID 0.3125, ST SQC	8
11	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST SQC	8
12	N04-312C000-25	Nut, HEX 0.3125-18, ST SQC G5	8
13	SHS-250X500-20	Screw, Thread Forming 1/4-14 x 1/2 SLT HWH Z	3
14	1233-35	#6-32 X 0.50 RHMS	2
15	719A0408	Cab Throttle Control (see page 53)	1
16	1223-50	Grommet	3
17	1223-387	Horn	1
18	1219-77	Adapter, MNPT-2/FINFLR-4	2
19	12181-1	Tube, 1/4", Red	144 IN
20	T120221	Floormat, Front	1
21	707 7712	Spacer	2
22	T120222	Floormat, Rear	1
23	T111909	Vent	1
24	SSM-63XM019-28	Screw, PANHD M6.3X19-DIN7504N-CR	6
25	SL5-190C375-20	#10-24 PAN HD. SCR	4
26	714 0497	Support, Seat	2
27	T141434	Edge Clip With Cable Tie	1
28	1222-217	Extinguisher, Fire	1
29	T119726	Top Plate Seat Arm	2
30	SL5-190C375-20	#10-24 PAN HD. SCR	4
31	N23-190C000-20	Nut, HEX, MACH 10-24, ST Z	4
32	717 0699	Rear Handle Kit	1
33	12147-1	U-Channel	24 IN
34	1213-1	Grease FTG, ZERK 0.125NPT STR	2
35	1219-757	Connector	2
36	719 0106	Grease Tube	2
37	1219-40	Elbow, HYD, 90°, 0.25	2
38	S18-250C625-H2	BHCS 1/4-20X5/8	8
39	S01-250CA00-25	SCR, HHCS 0.25-20X1.00, ST Z GR5	9
40	717 1220	Spring, Wave	1
41	S01-312CA25-25	SCR, HHCS 0.3125-18X1.25, ST Z	2
42	N04-250C000-25	Nut, HEX, 0.25-20, ST SQC G5	8
43	WAN-25NX000-20	WSH, FL TYP A-NRW 0.25, ST SQC	9
44	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST SQC	9
45	708A2416-1	Swing Brake Assembly (see page 55)	1
46	12186-1	Chain	40 IN
47	S18-250C500-E6	SCR, BSHCS 0.25-20X0.50, SS 316	8
48	12219-1	Cable 1/8	12 IN
49*	720-0549	Seat Harness	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

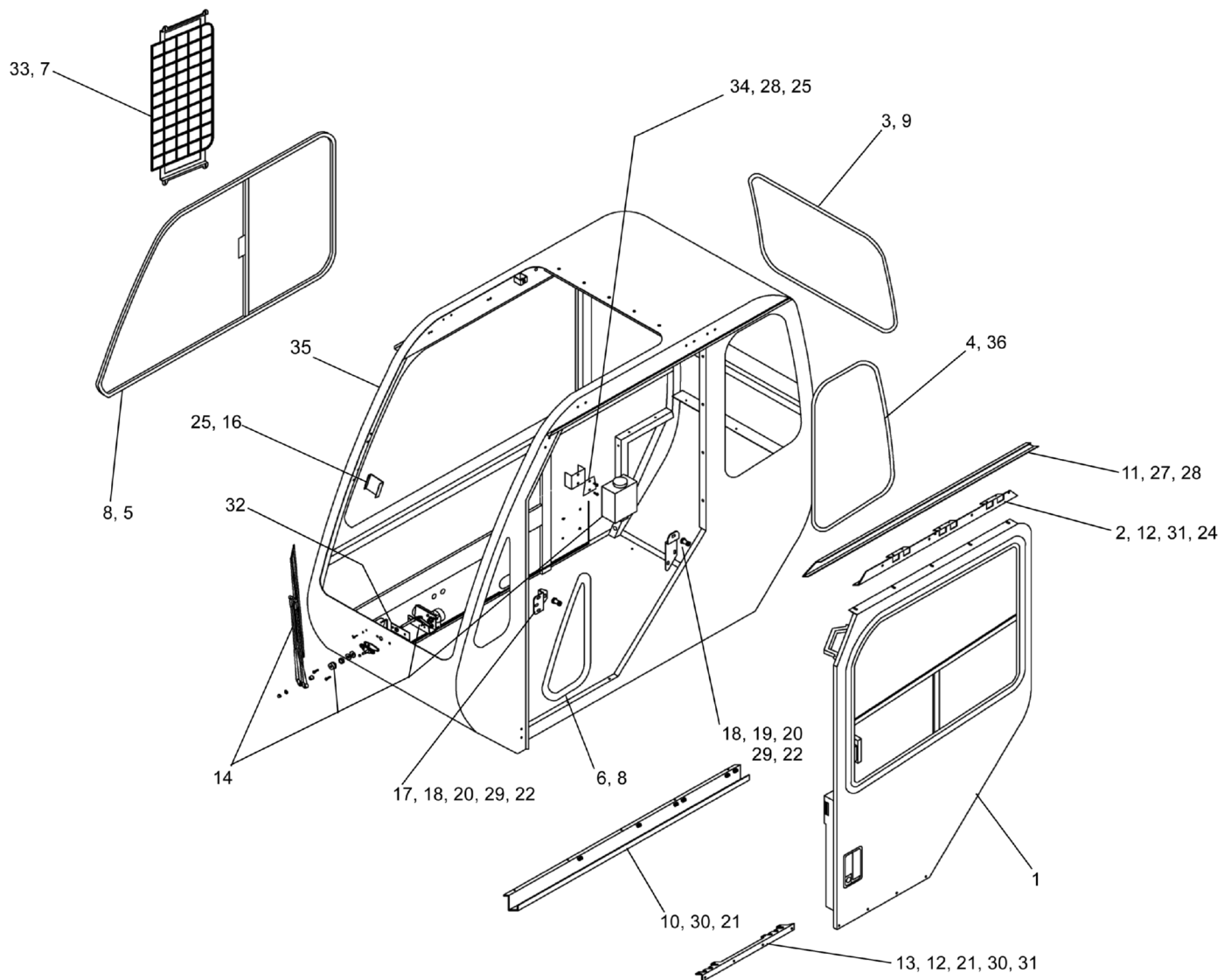
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	T108725 (Rev. S)	<i>Upper Cab Assembly</i>	
50*	720 0165	Harness, Valve, Single Mode Boom	1
51	T109505	Decal-Fuse	1
52	12400-940	Decal-Throttle	1
53	SL5-190C375-20	#10-24 PAN HD. SCR	4
54	WAR-190X000-22	WSH, FL TYP A-REG 10, ST SQC G2	4
55	W07-190X000-20	WSH, LCK, MED SPLT 10, ST SQC	4
56*	719A0432	Defroster Hose Kit	1
57	1222-184	Plastic Tie	7
58	200B2007-54	Clamp	2
59	1222-202	Tie Plas CABL NT340 15"	6
60	1240-91	Clamp	1
61	1240-59	Clamp	1
62	1222-359	Cupholder	1
63	719 0453	Gasket	1
64	12202-1	Tube, 1/4", Black	108 IN
65	43480	Tube	1
66	1222-225	Cable Sleeve	1
67	T127398	Harness, Seat Limit Switch	1
68	T138165	Elbow, 45, MNPT-2	1
69	T145513	Elbow, 90, MNPT-2	2

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



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REF	PART NO.	DESCRIPTION	QTY
	T120173 (Rev. B)	<i>Cab, Operators</i>	
1	219087	Door Assembly (see page 35)	1
2	219088	Bracket, Upper Roller	1
3	216871	Glass - Rear	1
4	216360	Glass - LH Rear	1
5	219108	Window, Sliding RH	1
6	216363	Glass, LH Front	1
7	220606	Guard, Window	1
8	215595	Windshield Seal - Large	18 FT
9	215596	Window Seal (1/8" Offset)	9 FT
10	219089	Track, Lower Roller	1
11	219090	Track, Upper Roller	1
12	219091	Bearing, Sealed Roller	19
13	219092	Bracket, Lower Roller	1
14	Wiper Assembly	Wiper Assembly, Front	1
16	216370	Wiper Blade Rest	1
17	219282	Striker Bolt Bracket	1
18	216372	Internal Thread Striker	2
19	216373	Striker Bolt Bracket, Rear	1
20	216393	Screw, 3/8-16 X 3/4", HXFLG, YZC	2
21	216374	Screw, 3/8-16 X 3/4", SOCBTN, YZ	9
22	215975	Screw, 5/16-18 X 3/4", HXFLG, YZC	5
23*	216377	Screw, S/M, #8 X 5/8", PHPA, Zinc	4
24	216378	Screw, 1/4-20 X 1/2", HXFLG, YZC	5
25	215217	Screw, 10-24 X 1/2", PHPA, YZC	4
26*	215226	Insert, 10-24, AKS4-1024-13	4
27	215115	Nut, Lock, 10-32, NYL, Zinc	5
28	215212	Washer, Flat, #10, YZC	6
29	215223	Washer - 5/16 YZC	4
30	220581	Washer, Flat, 3/8, YZ	9
31	216438	Screw, SHLDR, 3/8ØX3/8 Long, SS	19
32	216869	Shim - Front Wiper	1
33	216904	Screw, #10-24 X 1/2, PHPA, SS, BLACK	4
34	215116	Washer, Flat, #10, YZC	1
35	220607	Cab Weldment	1
36	216874	Windshield Seal, Small	9 FT
37*	T120173-Section2	Cab, Operators - Section 2 (see page 37)	REF
38*	T120173-Section3	Cab, Operators - Section 3 (see page 39)	REF
39*	T120173-Section4	Cab, Operators - Section 4 (see page 41)	REF
40*	T120173-Section5	Cab, Operators - Section 5 (see page 43)	REF
41*	T120173-Section6	Cab, Operators - Section 6 (see page 45)	REF
42*	T120173-Section7	Cab, Operators - Section 7 (see page 47)	REF
43*	T120173-Section8	Cab, Operators - Section 8 (see page 49)	REF

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



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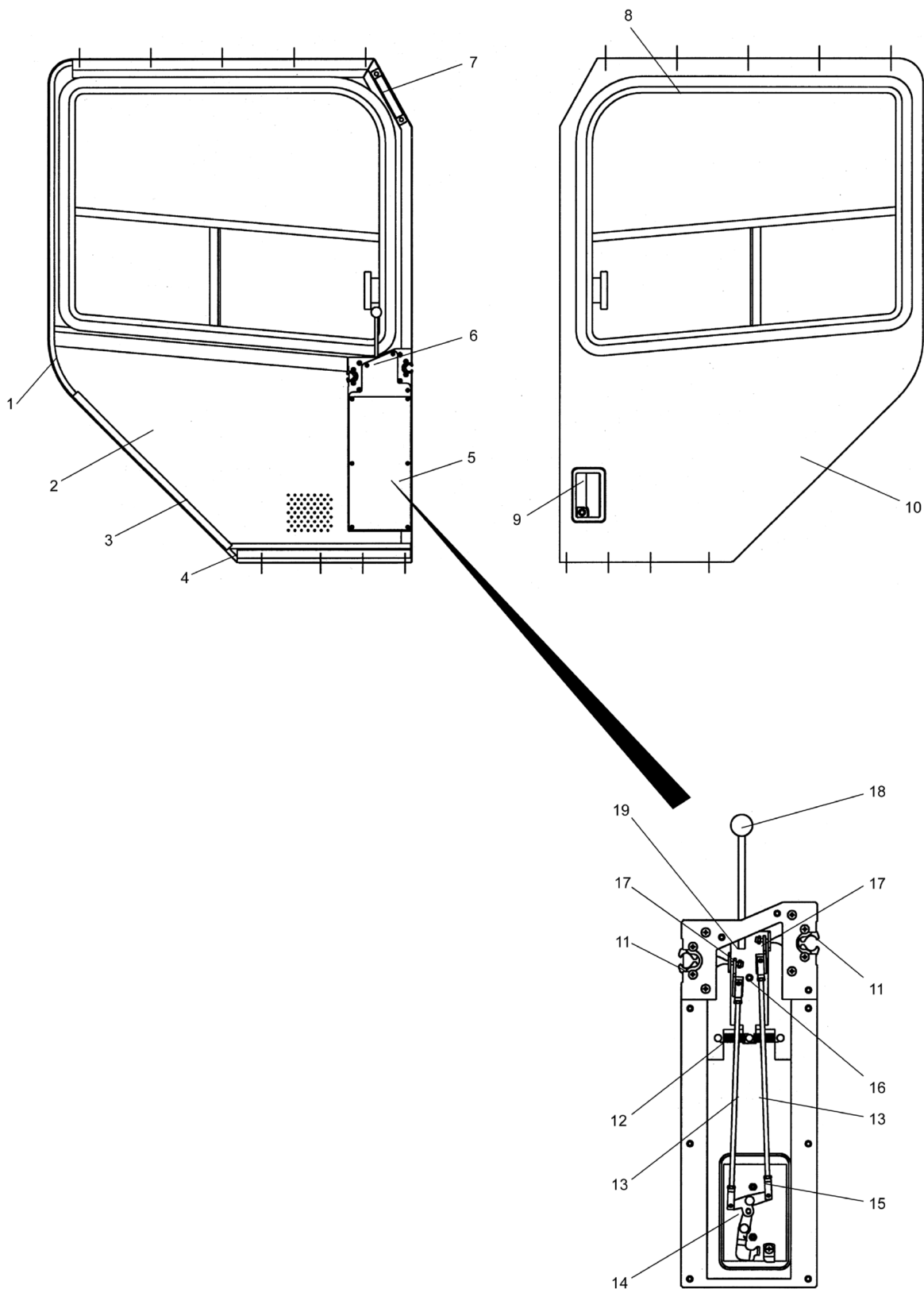
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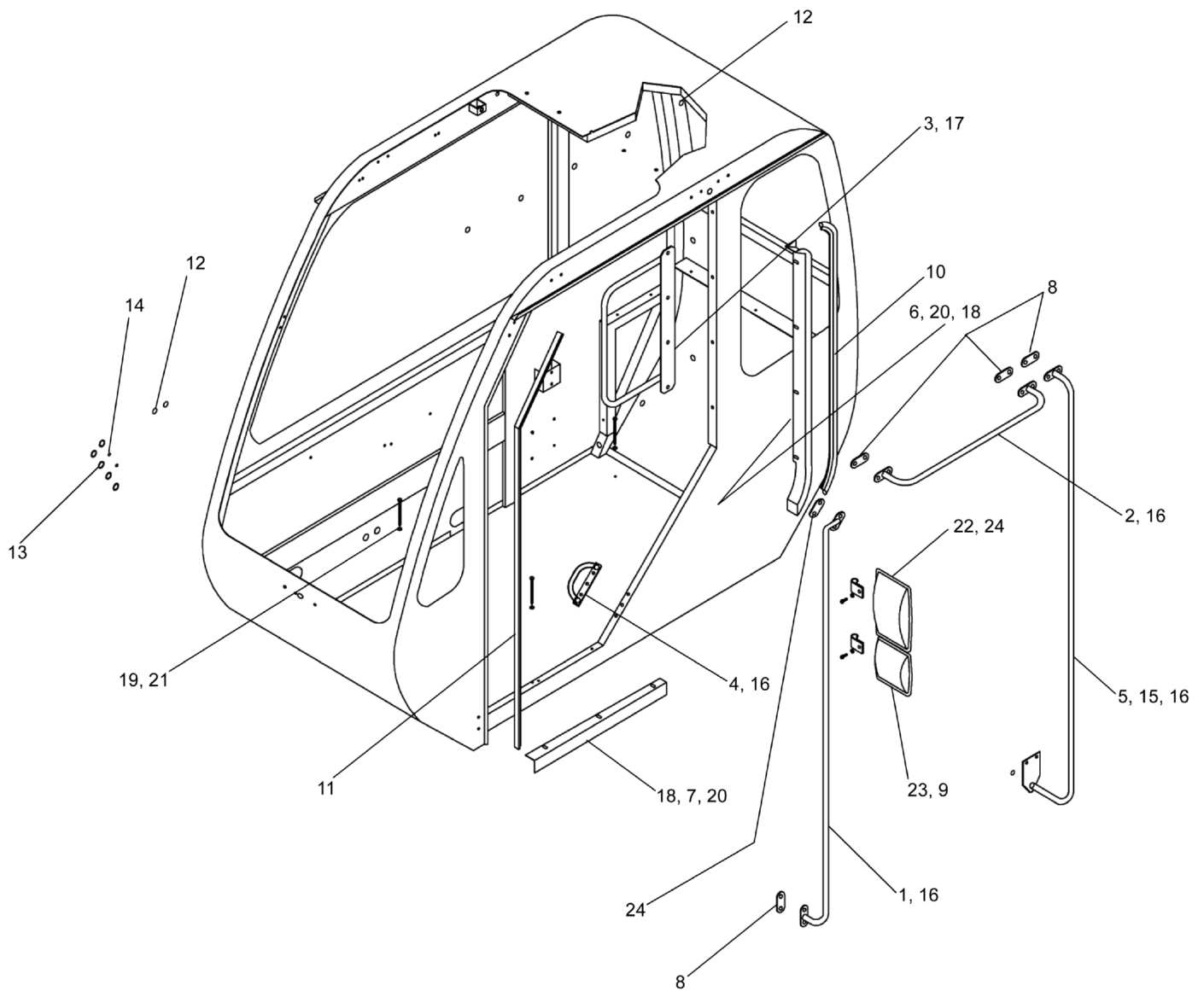


WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	219087 (Rev. 00)	<i>Door Assembly</i>	
1	216445	Trim Seal	4 ft
2	216430	Foam, Door	1
3	216390	Trim Seal	3 ft
4	219111	Filler, Door Channel	1
4.1	215212	Washer, Flat, #10, YZC	4
4.2	216911	Insert, 10-24	4
4.3	215217	Screw, 10-24 X 1/2", PHPA, YZC	3
5	216432	Cover, Lower Latch Box	1
5.1	216911	Insert, 10-24	2
5.2	215217	Screw, 10-24 X 1/2", PHPA, YZC	2
6	216431	Cover, Upper Latch Box	1
6.1	216911	Insert, 10-24	3
6.2	215217	Screw, 10-24 X 1/2", PHPA, YZC	3
7	215603	Grab Handle	1
7.1	215215	Screw, 1/4-20 x 3/4", PHPA, YZC	2
8	216429	Window, Sliding - Door	1
8.1	215595	Windshield Seal - Large	12 ft
9	216435	Latch, Rotary Paddle	Ref
10	219110	Door Weldment	1
11	215088	DBLRTR Hold Open	1
11.1	215215	Screw, 1/4-20 x 3/4", PHPA, YZC	4
12	216442	Spring, Extension	2
13	216443	Rod, LH	2
14	216435	Latch, Rotary Paddle	1
15	216436	Link, Pin & Clip	4
15.1	216437	Shackle	4
15.2	215086	HEX Nut, 1/4-20	4
16	216438	Screw, SHLDR, 3/8ØX3/8 Long, SS	1
16.1	216439	Washer, 3/8" Brass	2
17	216441	Shackle Mount, LH/RH	2
17.1	216447	Locknut, 1/4-20, NYL	2
18	216446	Knob, Handle	1
19	216440	Plate, Pivot w/ Handle	1

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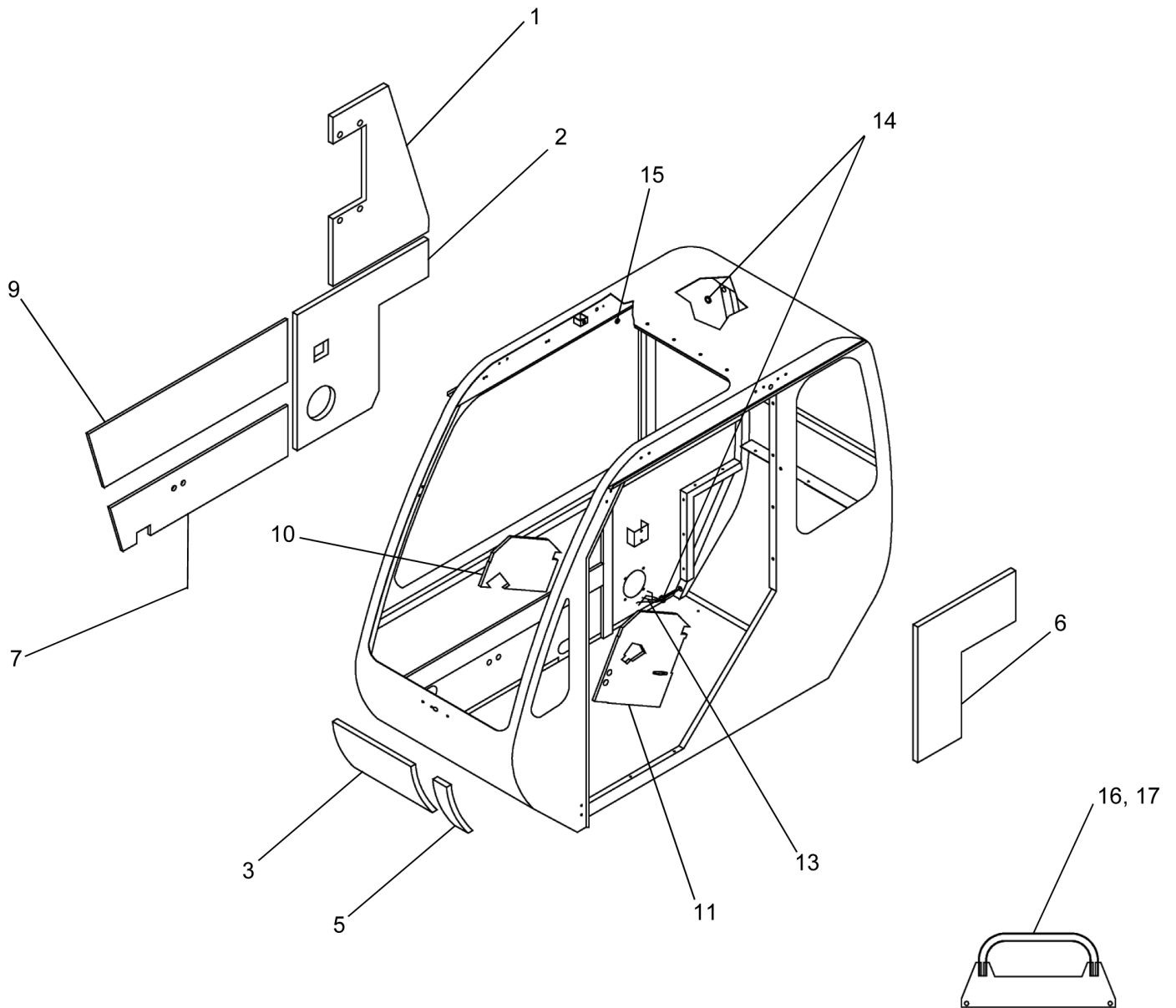


WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T120173-Section2 (Rev. B)	<i>Cab, Operators - Section 2</i>	
1	216380	Handle/Mirror Mount BRKT WLDMNT	1
2	216381	Handle WLDMNT, Horizontal Upper	1
3	220608	Handle, Door Post	1
4	219093	Lower Handle	1
5	216384	Handle Weldment	1
6	216385	Door Sealer Strip Weldment	1
7	216386	Sealer Strip, Door	1
8	216387	Gasket, Handle Pad	4
9	216875	Mirror Assembly Kit	2
10	216389	Large Bulb Trim Seal	4 FT
11	216390	Trim Seal	6 FT
12	215219	Plug, 3/4" Button, Nylon, Black	8
13	216391	3/4 -16 Hydraulic Plastic Plug	10
14	216392	3/8" NPT Plastic Plug	4
15	215228	5/8" DIA Hole Plug, Black	1
16	215975	Screw, 5/16-18 X 3/4", HXFLG, YZC	17
17	216393	Screw, 3/8-16 X 3/4", HXFLG, YZC	3
18	215215	Screw, 1/4-20 x 3/4", PHPA, YZC	7
19	216394	Screw, LAG, 3/8 X 4", Zinc	4
20	216396	Washer, Flat, 1/4", YZC	7
21	216397	Washer, Flat, 5/16", Zinc	4
22	216876	Mirror, Upper 6.5 X 10 Stainless	1
23	216877	Mirror, Lower 6.5 X 6 Stainless	1
24	216878	Gasket, Handle Pad	1

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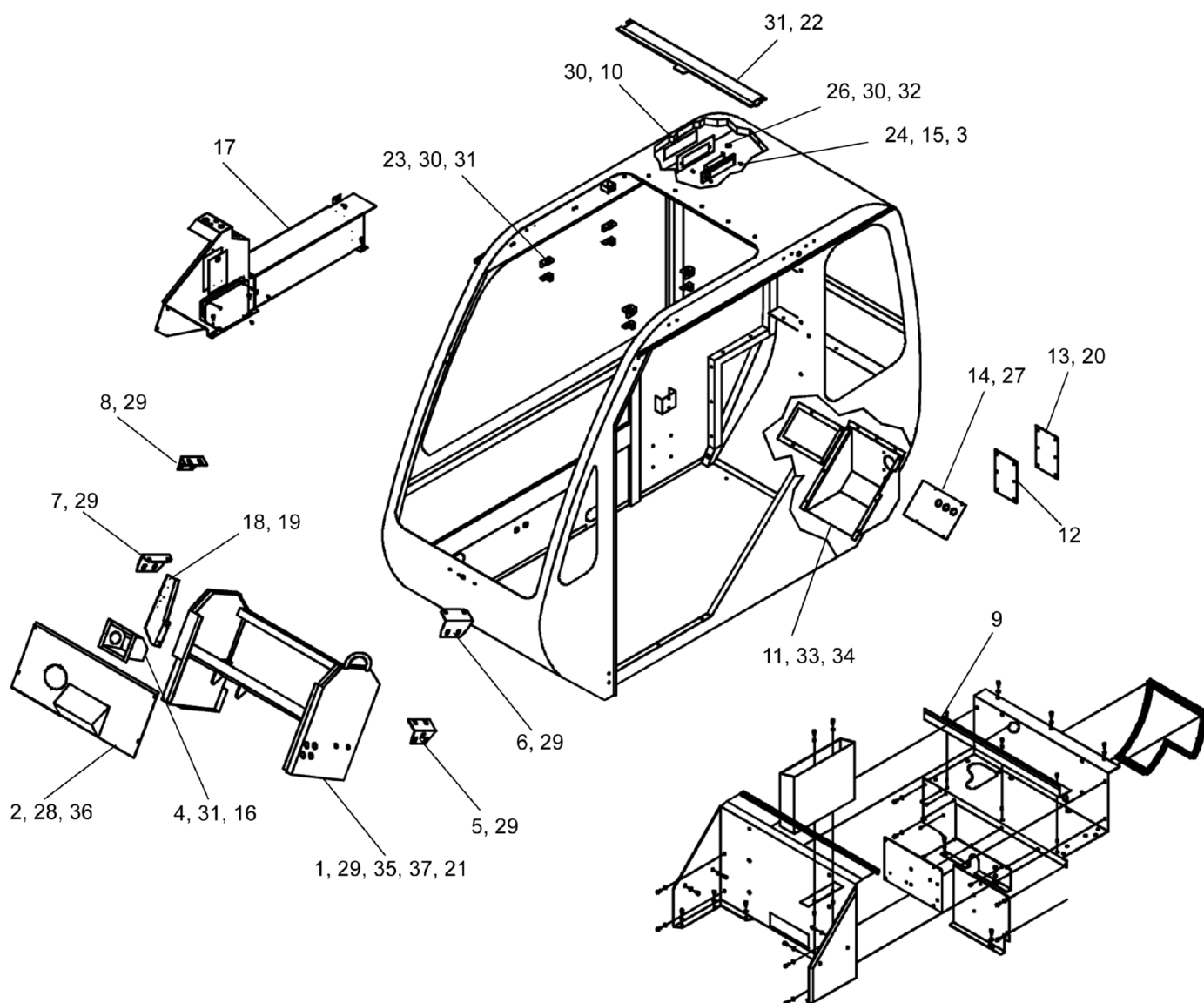
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T120173-Section3 (Rev. B)	<i>Cab, Operators - Section 3</i>	
1	216398	Foam - RH, Rear, Upper	1
2	220609	Foam - RH, Rear, Lower	1
3	216400	Foam - Front, RH	1
5	216402	Foam - Front, LH	1
6	216403	Foam - LH, Rear, Lower	1
7	216404	Foam - RH, Lower	1
9	220610	Foam - RH, Above Console	1
10	216407	Foam - Dash RH	1
11	216408	Foam - Dash, LH	1
13	216409	Wiring Harness	1
14	215613	Grommet, 5/8" Diameter Hole	2
15	216411	Grommet, 3/8" Diameter Hole	1
16	219095	Grab Handle	1
17	215975	Screw, 5/16-18 X 3/4", HXFLG, YZC	2

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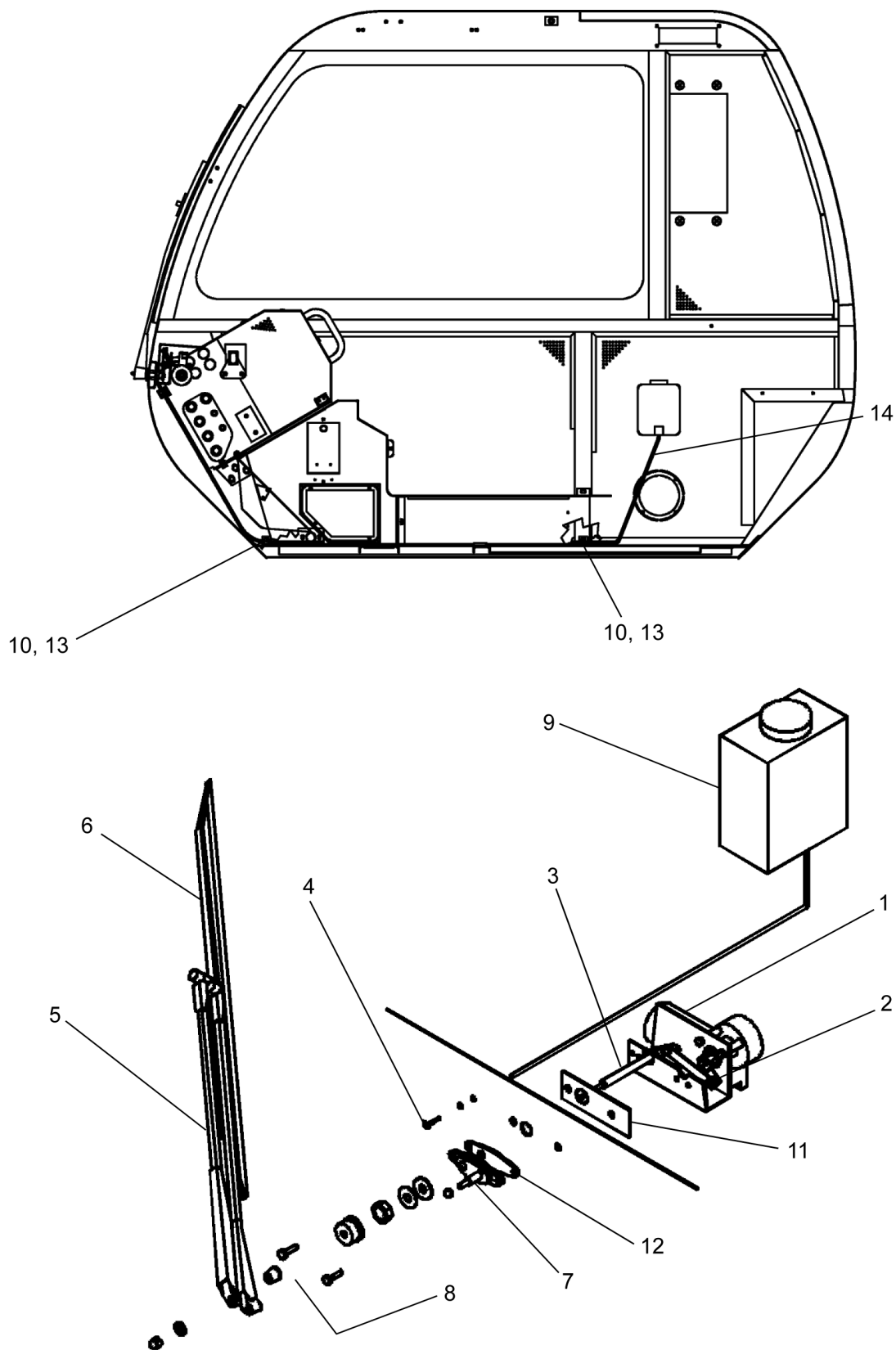
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REF	PART NO.	DESCRIPTION	QTY
	T120173-Section4 (Rev. B)	<i>Cab, Operators - Section 4</i>	
1	216412	Dash Frame Weldment	1
2	216413	Dash Cover Weldment	1
3	216377	Screw, S/M, #8 X 5/8", PHPA, Zinc	3
4	216414	Defroster Plenum	1
5	216415	Bracket, Dash LH, Lower	1
6	216416	Bracket, Dash LH, Upper	1
7	216417	Bracket, Dash RH, Lower	1
8	216418	Bracket, Dash RH, Upper	1
9	219097	A/C Shelf Assembly	1
10	219098	Cover, Access-Dome Light	1
11	220611	Heater Box Assembly	1
12	220612	Gasket	1
13	220613	Cover Plate, Heater Box	1
14	223400	Rear Cover	1
15	216885	Butt Splice	1
16	216861	Grommet, 1/2 OD, 1/4 ID	1
17	223401	Cableway Assembly	1
18	220615	Mounting Plate, Fire Extinguisher	1
19	220616	Screw, 5/16-18 x 1, HXFLG, YZ	2
20	220127	Screw, #10-24 X 3/4", PHPA, SS	6
21	215223	Washer - 5/16 YZC	10
22	216423	Blind, Roller-Corbeau Mat	1
23	216424	Bracket Assembly, Shade Clips	4
24	215615	Dome Light W/Switch	1
25*	216855	Terminal, Heat Shrink	1
26	216411	Grommet, 3/8" Diameter Hole	1
27	223402	Screw, 1/4-20 X 3/4", PHPA, SS	4
28	215215	Screw, 1/4-20 x 3/4", PHPA, YZC	4
29	215975	Screw, 5/16-18 X 3/4", HXFLG, YZC	18
30	215238	Screw, 8-32 x 1/2", PHPA, YZC	20
31	215217	Screw, 10-24 X 1/2", PHPA, YZC	14
32	216395	Insert, 1/4-20, AKS4-420-165	2
33	216856	Screw, #10-32 x 1", PHPA, SS	9
34	223403	Washer, Flat #10, SS	9
35	215225	Nut, Hex, 5/16 - 18, Zinc	8
36	216928	Washer - 1/4" Flat, SS, Black	4
37	215224	Washer, Lock, 5/16, YZ	8

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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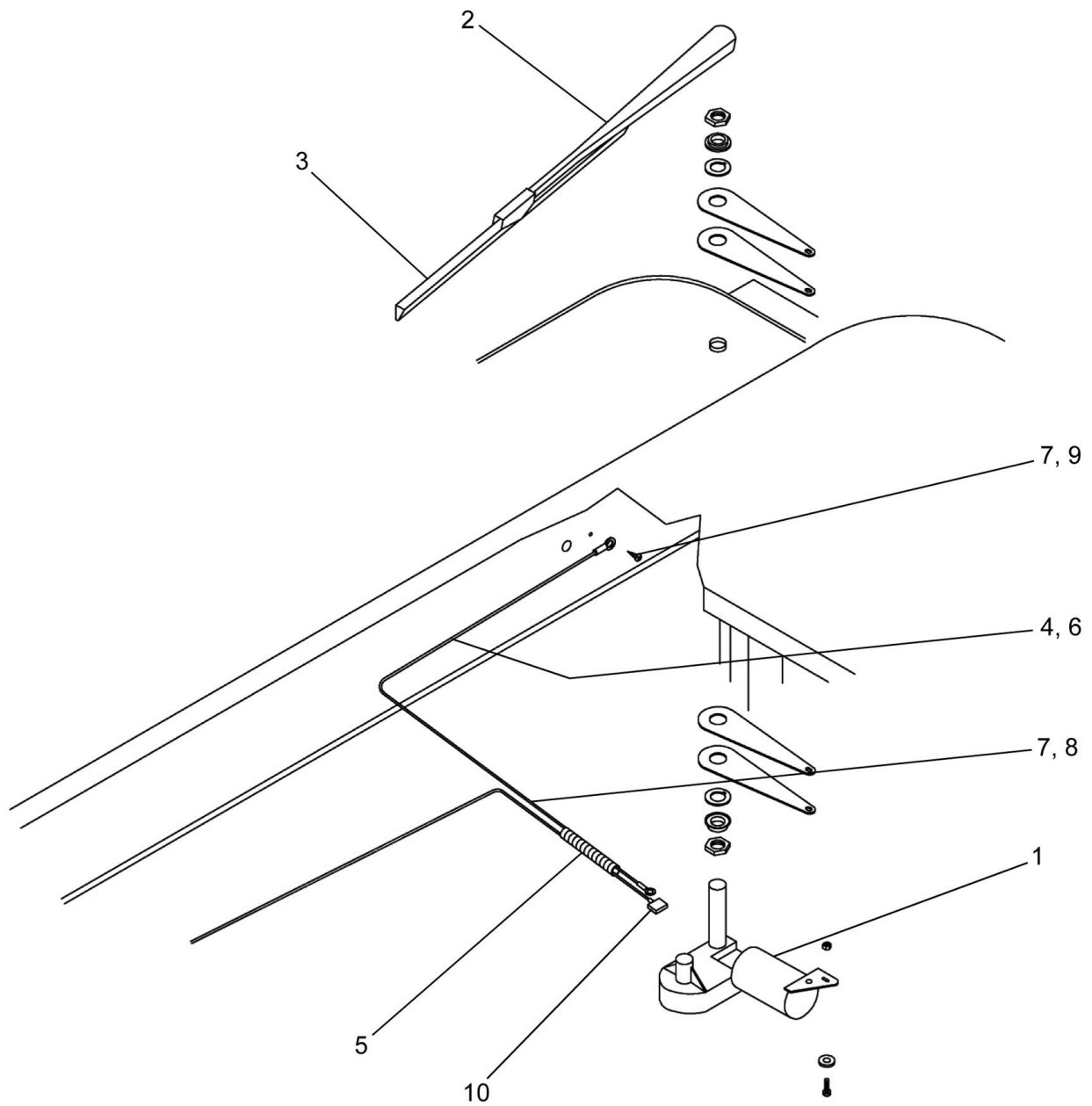


WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T120173-Section5 (Rev. B)	<i>Cab, Operators - Section 5</i>	
1	216744	WJ 2 Speed Motor Kit W/ Hardware (12V)	1
2	216864	Drive Arm, 62o	1
3	216746	Pivot Shaft, 2"	1
4	216865	Grommet - Wet Arm Tubing	1
5	216866	Arm, Pantograph Black, 24", Wet	1
6	216745	Flex Blade, 28" - Black	1
7	216740	Pantograph Kit, Black	1
8	216867	Screw, 1/4-28 x 1-1/2", HXHD, SS, BLK	2
9	216868	Reservoir Kit, Denso (12V)	1
10	216857	Cable Clip	2
11	216869	Shim - Front Wiper	1
12	216870	Gasket, Pantograph Kit	1
13	216862	Wire Tie	2
14	216942	Hose, 5/32, Washer	10

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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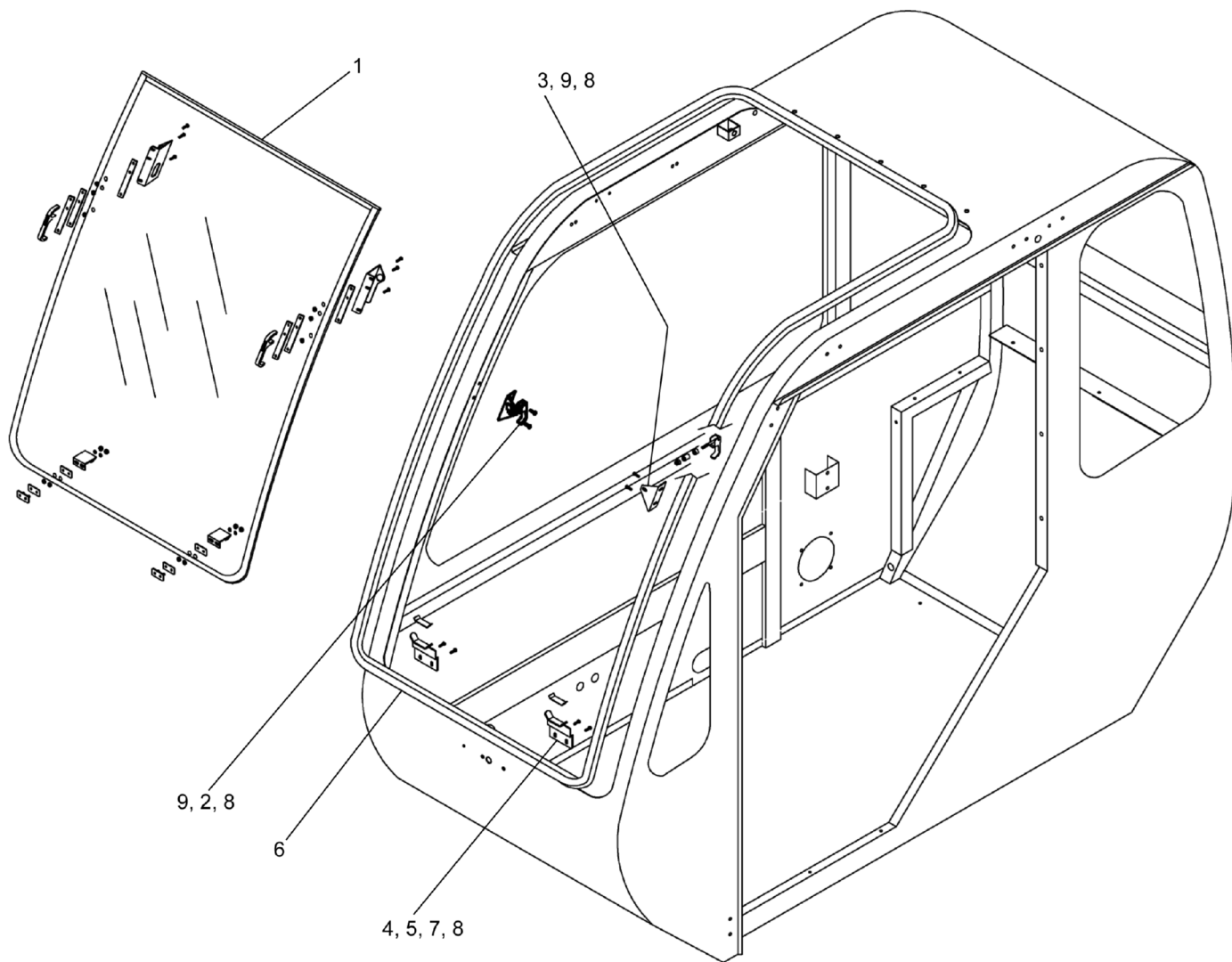


WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T120173-Section6 (Rev. B)	<i>Cab, Operators - Section 6</i>	
1	216852	Wiper Motor Assembly	1
2	216853	Arm ADJ 10.75" - 15" Black	1
3	216854	Flex Blade, 18"	1
4	216855	Terminal, Heat Shrink	1
5	216863	Loom	1.5
6	216410	Ground Wire	1
7	215218	Screw, S/T #10 X 1/2 SLT HX, Z.	3
8	220623	Steel Loop Strap Rubber - Cushioned	2
9	215216	Terminal Eye INS 0.25" 14 GA	3
10	216858	Terminal, Female	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OPERATOR'S CAB FRONT WINDSHIELD

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T120173-Section7 (Rev. B)	<i>Cab, Operators - Section 7</i>	
1	220624	Production Windshield	1
2	223396	Latch Bracket, Windshield - RH	2
3	223397	Latch Bracket, Windshield - LH	2
4	216895	Bracket - Windshield Clip	2
5	220625	Washer, Lock, 1/4, SS	4
6	220171	Seal, Trim, 3/4 Bulb	18'
7	220626	175B-3 X 1/16, BLK Trim	4"
8	220627	Screw, 1/4-20 X 5/8, HX, SS, BLK	8
9	223395	Latch	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OPERATOR'S CAB FRONT WINDSHIELD

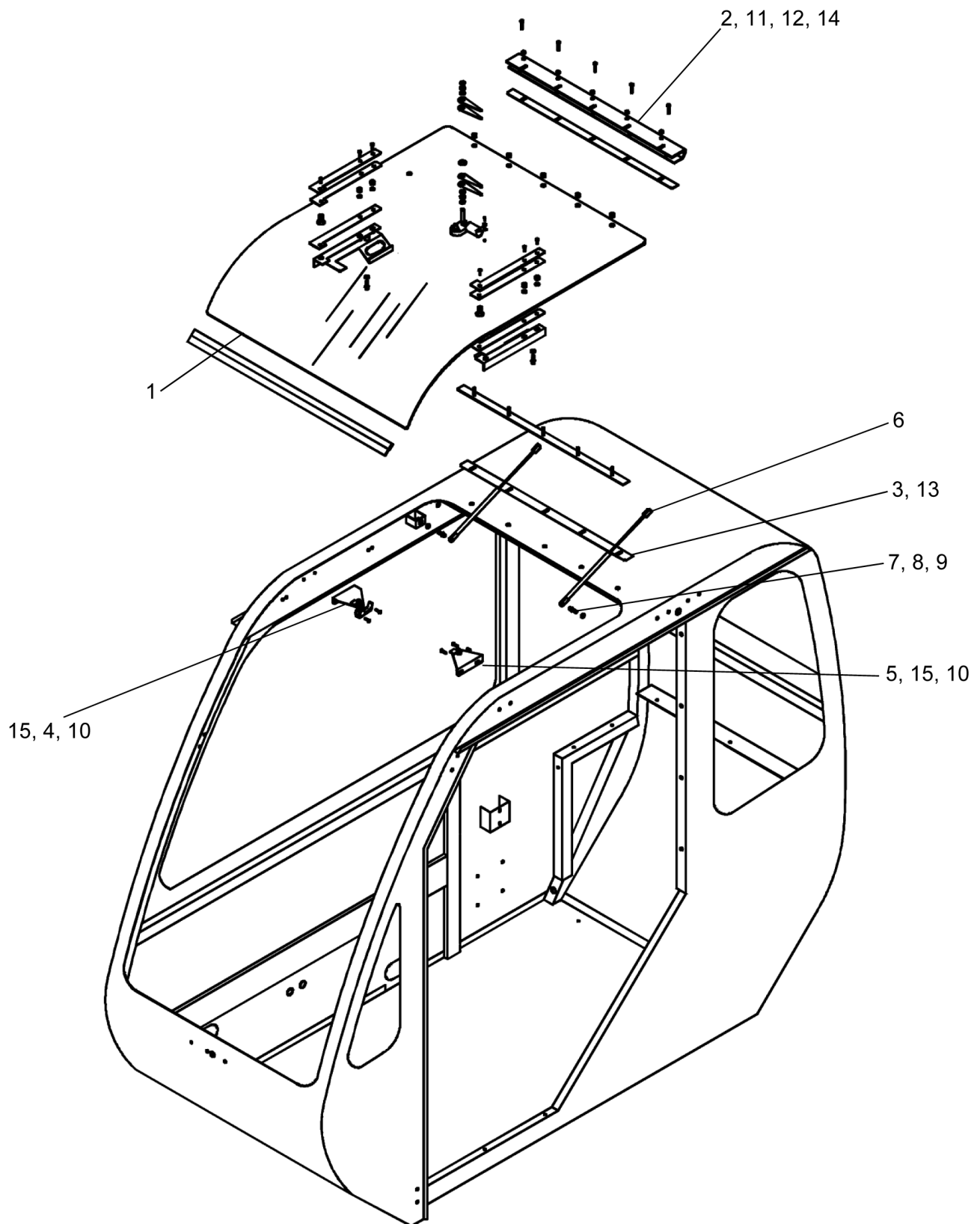
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OPERATOR'S CAB ROOF HATCH

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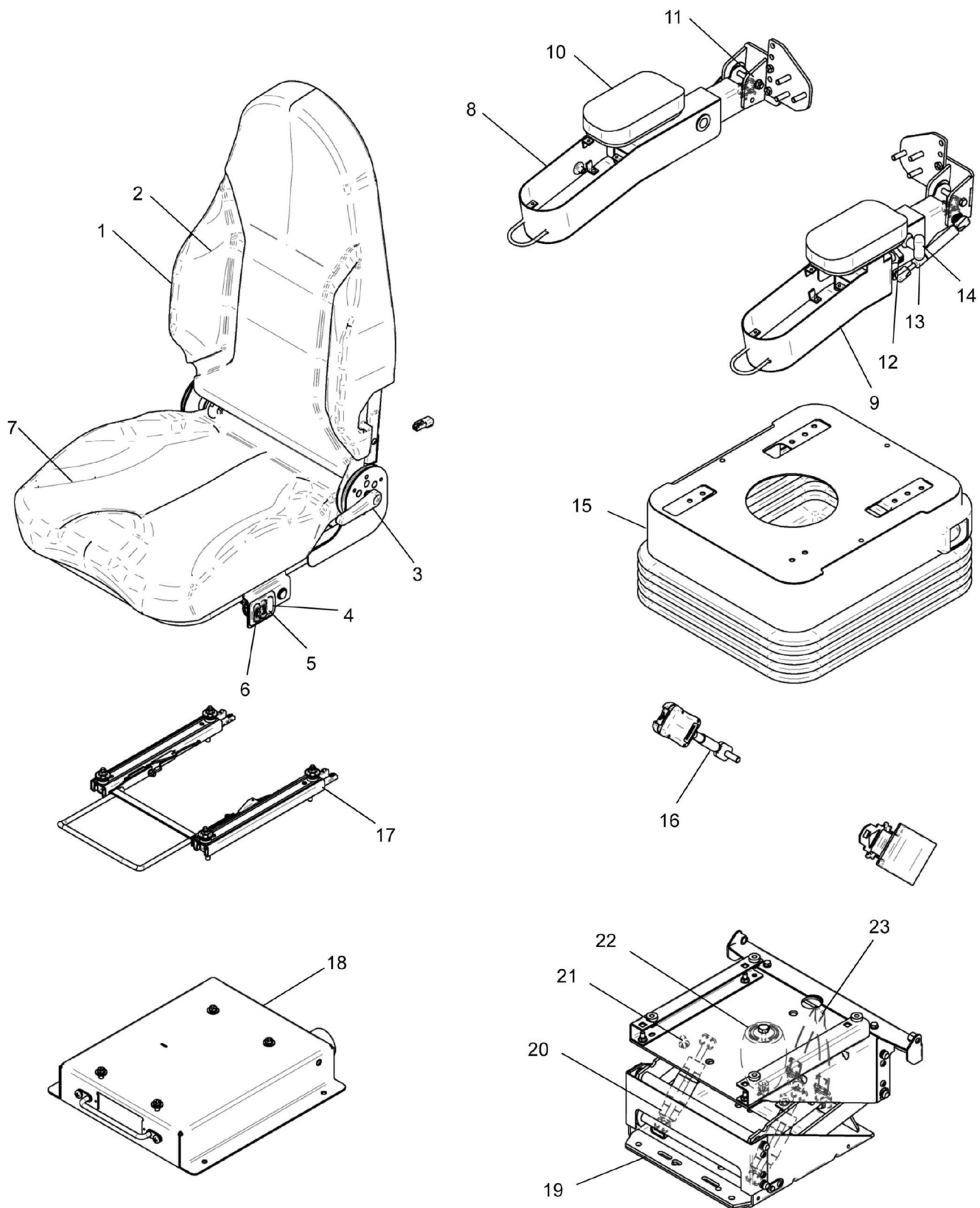
CHAPTER

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T120173-Section8 (Rev. B)	<i>Cab, Operators - Section 8</i>	
1	220628	Hatch Production	1
2	216915	Hatch Hinge	1
3	216918	Gasket - Hatch Hinge, Cab	1
4	223398	Latch Keeper, Steel - RH	1
5	223399	Latch Keeper, Steel - LH	1
6	216920	Spring, Gas	2
7	216919	Ball Studs W/5/16-18 Thread	2
8	215223	Washer - 5/16 YZC	4
9	215224	Washer, Lock, 5/16, YZ	4
10	220627	Screw, 1/4-20 X 5/8, HX, SS, BLK	4
11	216924	Nut, Lock, 1/4-20, NYL, SS, BLK	5
12	216926	Screw, 1/4-20X1, SLT WH, SS, BLK	5
13	216927	1/16 X 3/4 BLK Foam Mounting Tape	5"
14	216928	Washer - 1/4" Flat, SS, Black	5
15	223395	Latch	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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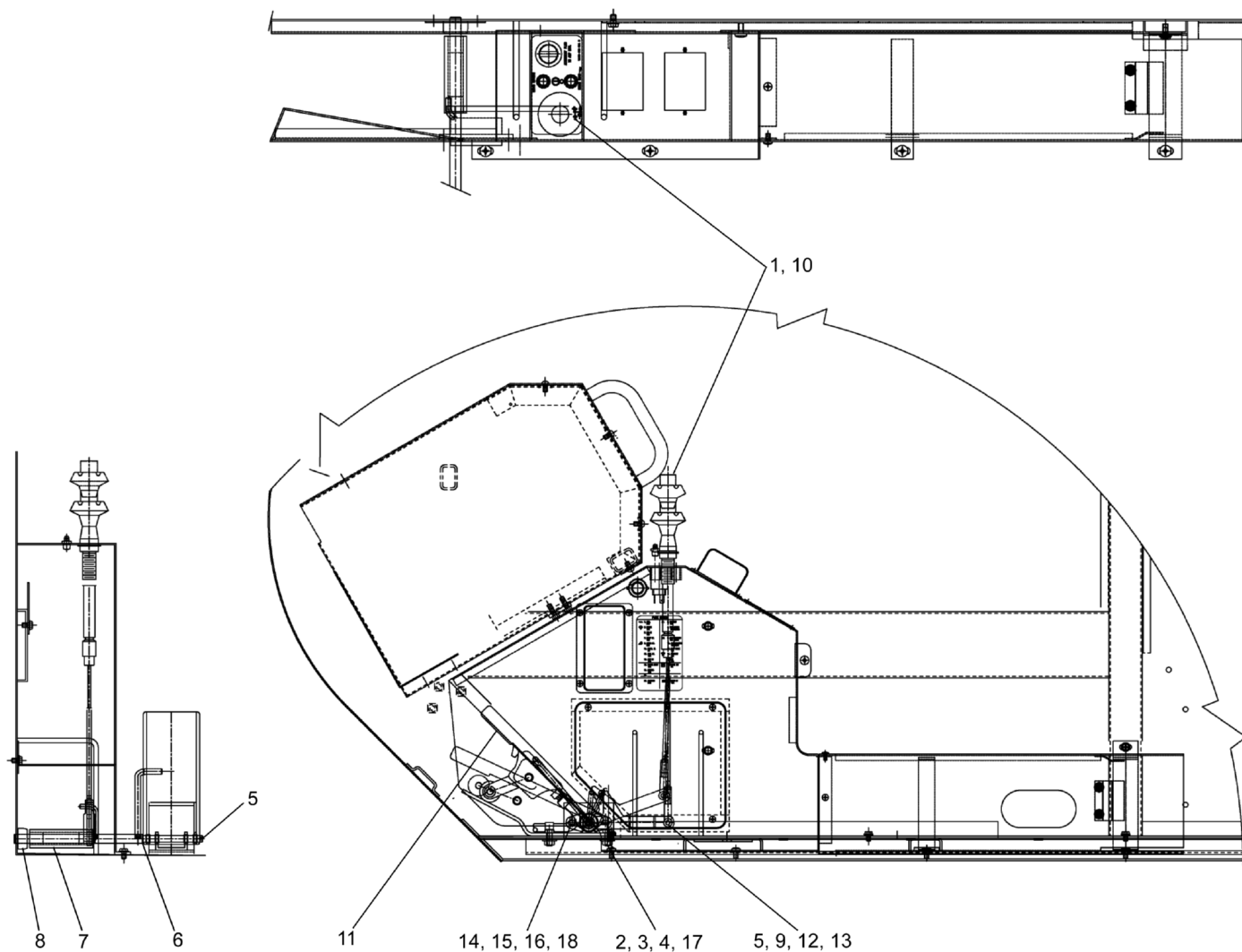


WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T110699 (Rev. A)	<i>Slimline Seat</i>	
1	222937	Upper - High Back Seat-Logo-Heater	1
2	222938	HB Back Cover For Heavy Duty-Logo	1
3	223767	Recliner Handle W/Pin	1
4	222940	3 Gang Valve Bezel	1
5	222941	Plug Valve Bezel	1
6	222942	Air Valve and Lumbar Control	1
7	222943	Cushion Cover W/Pleats	1
8	223772	Electric Joystick Arms W/Pods - RH	1
9	223773	Electric Joystick Arms W/Pods - LH	1
10	222946	Curved Arm Pad Assembly	2
11	223775	N.O. UL Compliant Switch	2
12	222948	Knob - 3/8"-16"X1-1/4" Stud	2
13	217792	Gas spring W/HDWR For CNTR Carrier	2
14	222950	T-Handle W/Hardware Kit	2
15	223778	Bellow For HD Suspension W/O Cutout	1
16	223779	2" Retractable Seat Belt Kit	1
17	223780	6" Double Locking Track Set-Towel	1
18	223781	3.25" Custom Riser.	1
19	223782	WP Air Suspension W/Internal Tether	1
20	222956	Shock Absorber Heavy Duty	2
21	222957	Mount Rubber Low PRO	1
22	222958	Air Spring	1
23	222959	Fixed Tether	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



THROTTLE CONTROLS UPPER

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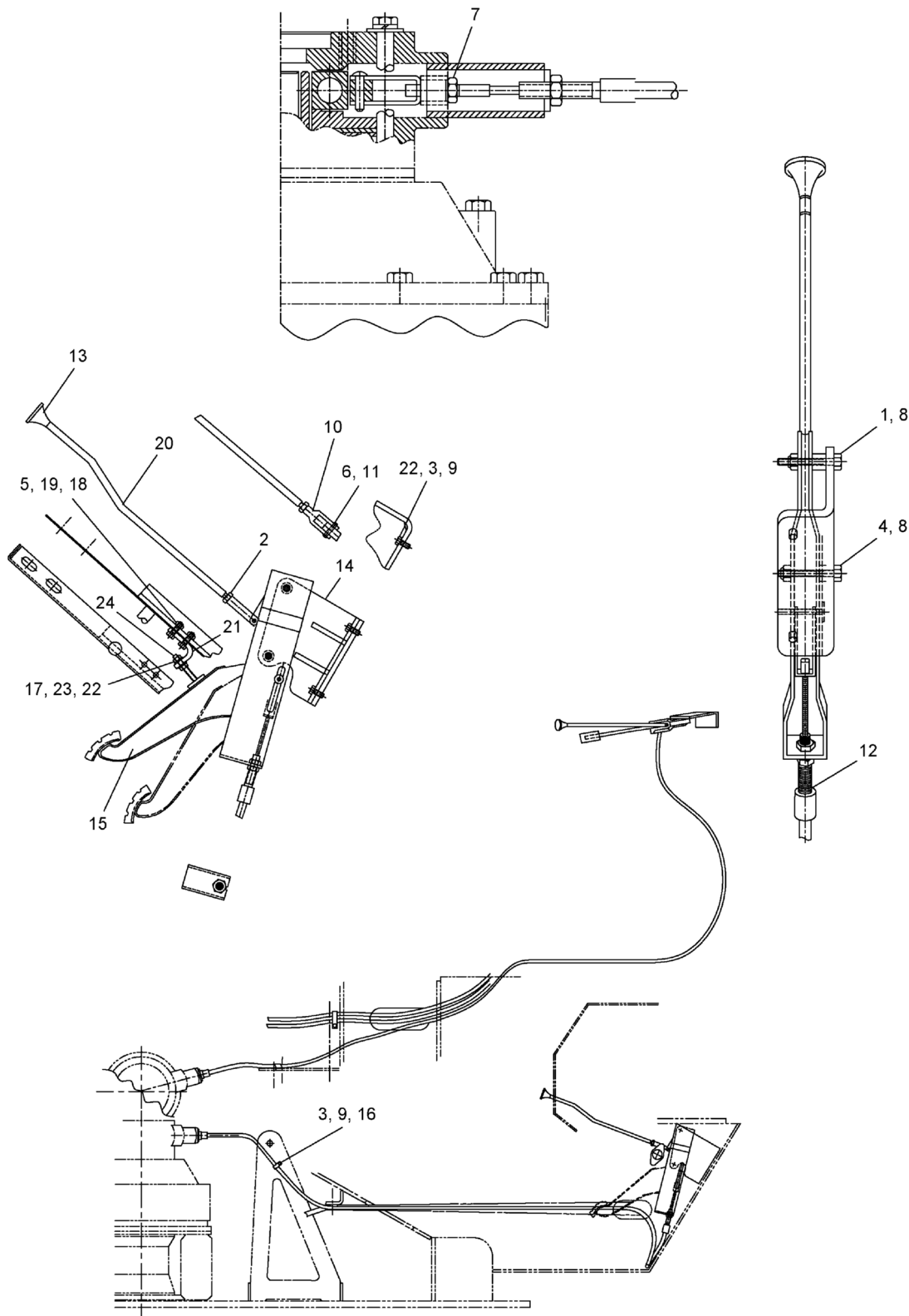
CHAPTER

1

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719A0408 (Rev. E)	<i>Cab Throttle Control</i>	
1	12400-940	Decal-Throttle	REF
2	SHF-312CA00-25	SCR, HHCS FT 0.312-18 X 1.00, ST SQC G5	1
3	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST SQC	2
4	N04-312C000-2A	Nut, HEX 0.3125-18, ST SQC GA	2
5	P02-062X500-20	Pin,Cotter 0.0625 X 0.50, ST SQC	2
6	719F0421	Bellcrank	1
7	719F0423	Bellcrank Arm	1
8	1217-347	Bearing	1
9	P01-250X750-20	Pin, Clevis 0.25 X 0.75, ST SQC	1
10	719-0403	Cable, Throttle	1
11	714 0935	Foot Pedal	1
12	N04-250F000-22	Nut, HEX 0.25-28, ST SQC G2	1
13	2597	Clevis Yoke	1
14	SHF-250C750-25	SCR, HHCS FT 0.25-20 X 0.75, ST SQC G5	2
15	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST SQC	2
16	N04-250C000-25	Nut, HEX, 0.25-20, ST SQC G5	2
17	S01-312CA25-25	SCR, HHCS 0.3125-18X1.25, ST Z	1
18	WAR-187X000-22	WSH, FL TYP A-REG 0.1875, ST SQC G2	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SWING BRAKE ASSEMBLY

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	708A2416-1 (Rev. H)	<i>Swing Brake Assembly</i>	
1	S01-312CA75-25	SCR, HHCS 0.3125-18 X 1.75, ST SQC G5	1
2	N04-250F000-22	Nut, HEX 0.25-28, ST SQC G2	1
3	SHF-375C750-25	SCR, HHCS FT 0.375-16 X 0.75, ST SQC G5	3
4	S01-312CB00-25	SCR, HHCS 0.3125-18 X 2.00, ST SQC G5	1
5	N04-250C000-25	Nut, HEX, 0.25-20, ST SQC G5	2
6	P02-062X750-20	Pin, Cotter 0.0625 X 0.75, ST SQC	1
7	N05-375F000-25	Nut, HEX JAM 0.375-24, ST SQC G5	1
8	NYL-312C000-25	Nut, HEX NYL-INS 0.312-18, ST Z G5	2
9	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	3
10	2597	Clevis Yoke	1
11	2234	Pin	1
12	1291-181	Swing Brake Cable	1
13	1291-139	Knob	1
14	708F2465	Bracket	1
15	706 8774	Lever	1
16	200B2007-6	Clamp	1
17	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST SQC	1
18	SHF-25CA00-25	SCR, HHCS FT 0.25-20 X 1.00, ST SQC G5	2
19	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST SQC	2
20	714 0475	Shaft	1
21	709 3000	Bracket	1
22	WAN-31NX000-20	WSH, FL TYP A-NRW 0.3125, ST SQC	4
23	N04-312C000-22	Nut, HEX 0.25-28, ST SQC G2	2
24	1203-304	Bolt, Adjusting, .31-18 X 2.12	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SWING BRAKE ASSEMBLY

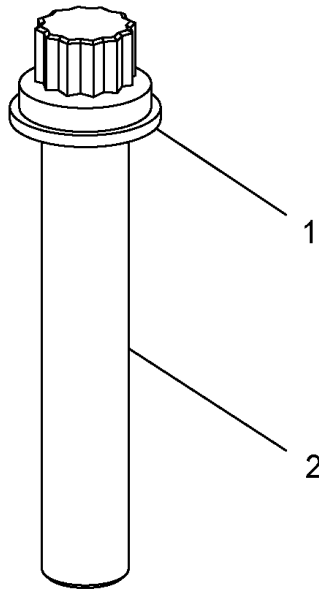
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T146519 (Rev. B)	<i>Kit, Superstructure Installation</i>	
1	1209-61	Washer, HRD, 0.875 Z	44
2	SFP-875CE00-2A	SCR, FLGHD 12PT 0.875-9 X 5.00, ST GRA SQC	44

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



KIT, SUPERSTRUCTURE INSTALLATION

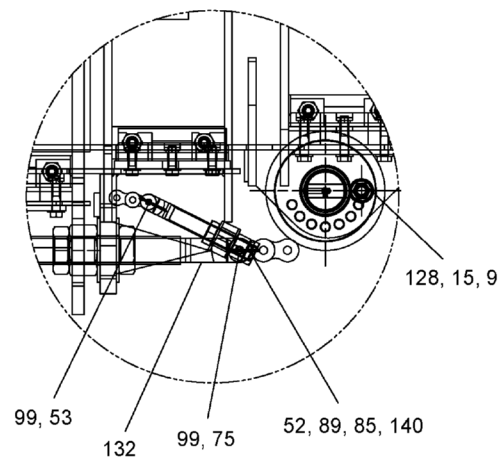
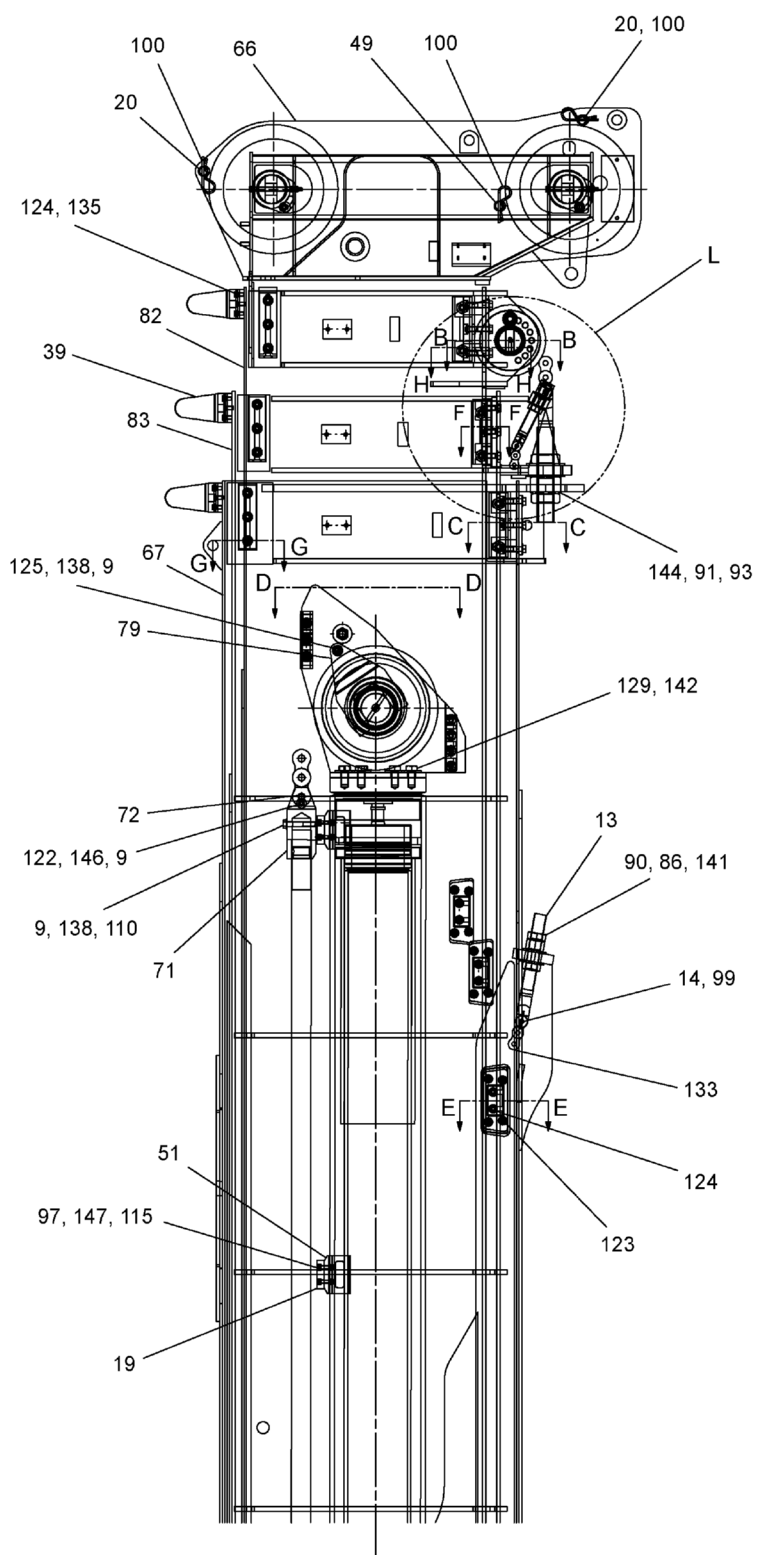
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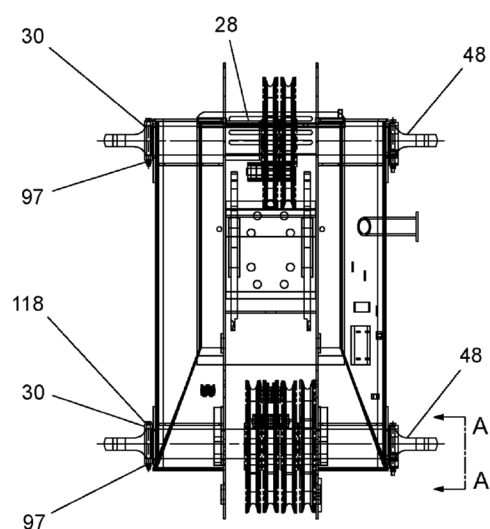
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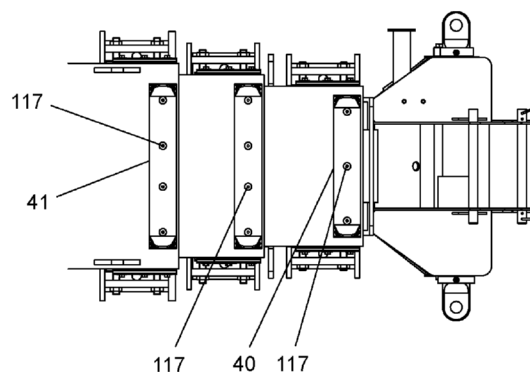
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DETAIL L



4 SHEAVE HEAD OPTION



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



110' BOOM ASSEMBLY, (W/O SHEAVES)

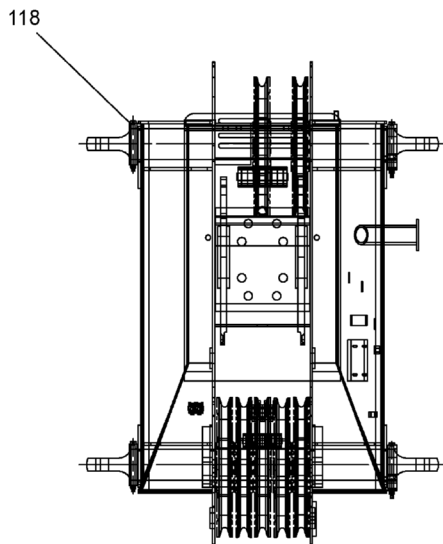
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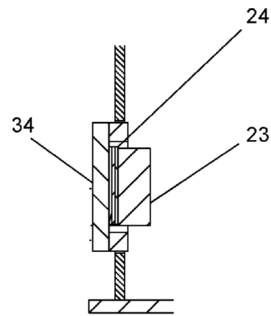
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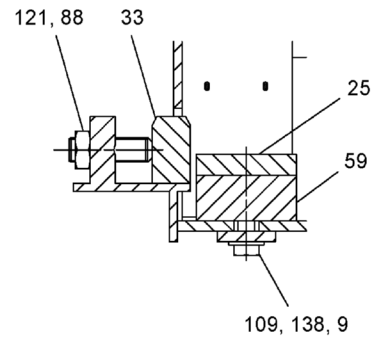
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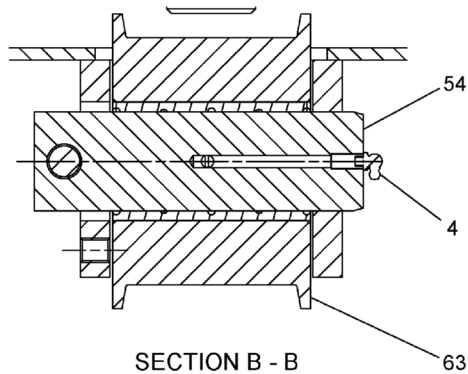
5 SHEAVE HEAD OPTION



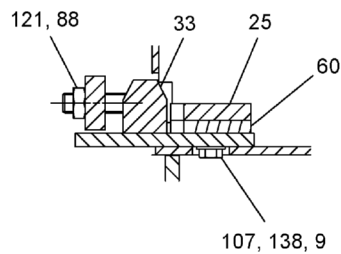
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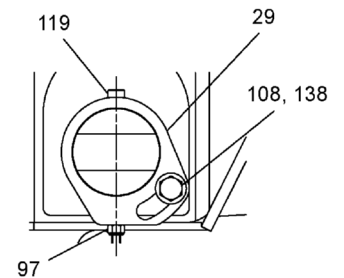
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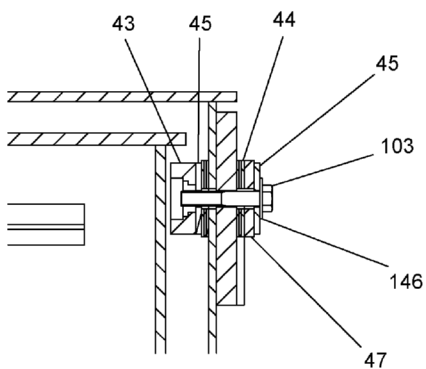
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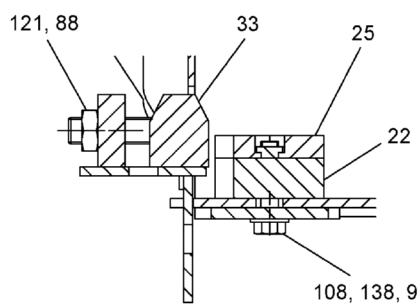
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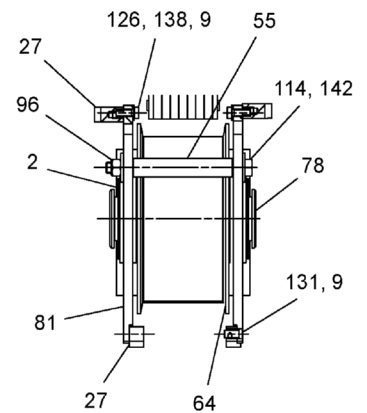
VIEW A - A



SECTION G - G



SECTION C - C



SECTION D - D

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



110' BOOM ASSEMBLY, (W/O SHEAVES)

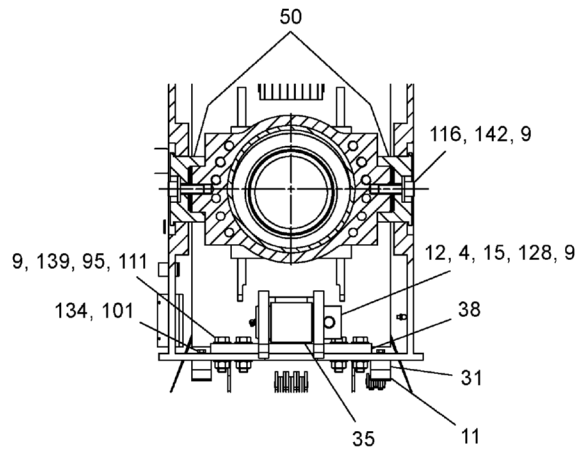
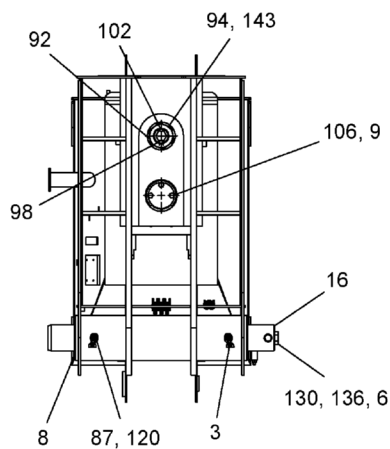
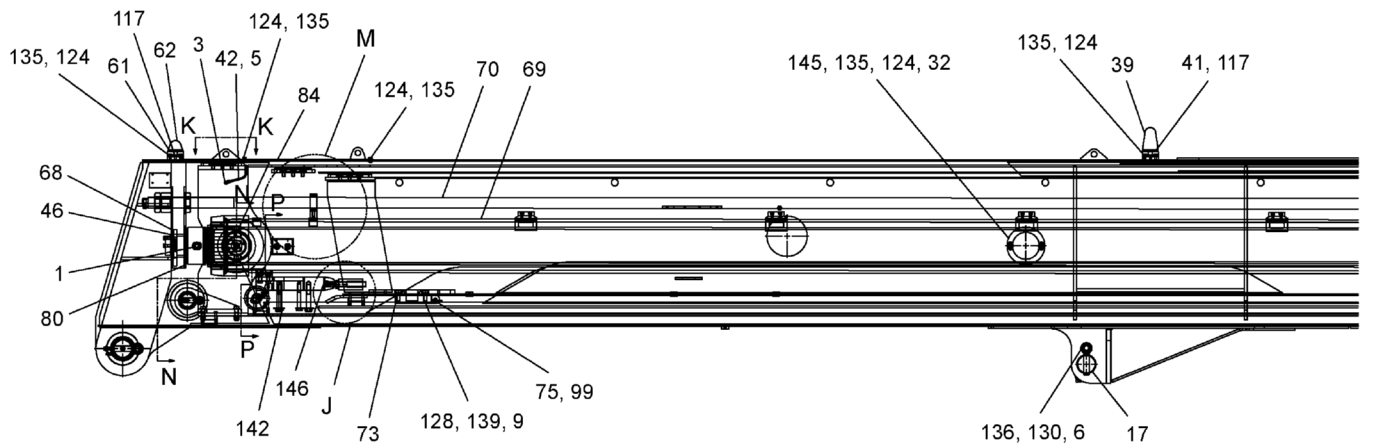
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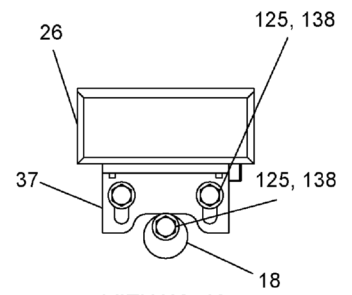
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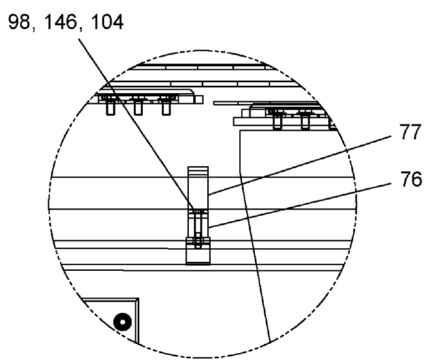
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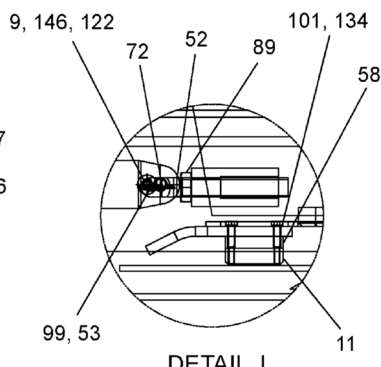
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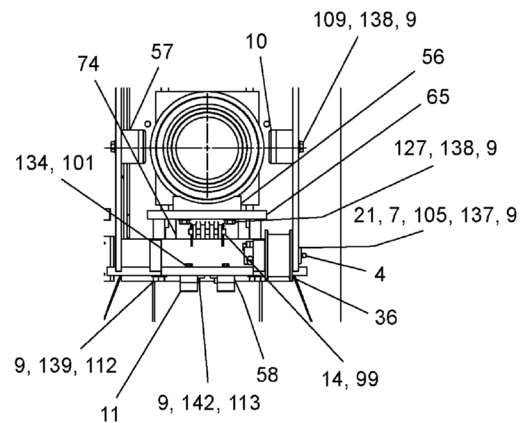
VIEW K - K



DETAIL M



DETAIL J



SECTION P - P

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



110' BOOM ASSEMBLY, (W/O SHEAVES)

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REF	PART NO.	DESCRIPTION	QTY
	717A1117 (Rev. R)	<i>Boom Assembly, 110 FT</i>	
1	12019-366	Adapter, MJIC-12/MORB-12, L	2
2	1208-86	Shim, Round 4.25 X 5.50 X 0.060, ST Z	2
3	1213-1	Grease FTG, ZERK 0.125NPT STR	4
4	1213-8	Grease ZERK, 0.25 90°	3
5	1219-40	Elbow, HYD, 90°, 0.25	2
6	1222-347	Rod End 1.00 SH-OD X 6.00	2
7	1222-348	Rod End 0.50 SH-OD X 3.25	1
8	35817-020	Shim	5
9	511-2057	Loctite	AR
10	706-8502	Wear Pad	2
11	708-0162	Plate	6
12	709-4009	Pin	1
13	709-4011	Link Chain-To-Plate	1
14	709-4029	Pin	2
15	709-4255	Rod Eye	2
16	709-5826	Pin, Boom Pivot	1
17	709-6044	Pin, Hoist CYL	1
18	709-6310	Round, Eccentric 1.75 OD	6
19	709-6672	Wear Pad	14
20	709-7106	Pin	2
21	709-7225	Pin	1
22	709-7235	Spacer	2
23	709-7257	Wear Pad	6
24	709-7258	Shim, 16GA 102 1.50 X 3.00	18
25	709-7269	Wear Pad	6
26	709-7279	Wear Pad	6
27	709-7281	Wear Block	4
28	709-7291	Spacer	1
29	709-7292	Collar, Shaft	2
30	709-7299	Collar, Shaft	2
31	709-7529	Spacer	2
32	709-7633	Cover	2
33	709-7767	Wear Bar	6
34	709-7774	Cover	6
35	709A6806	Sheave ASSY (see page 64)	1
36	709A7226	Sheave ASSY (see page 65)	1
37	709F6311	Bracket, Boom Top Rear	6
38	709F7218	Bracket, Sheave	1
39	710-0143	Bracket, Rope Guide	8
40	710-0144	Wear Pad	1
41	710-0145	Wear Pad	3
42	711-0238	Tube,-4, MINFLR-4SW/NO End	2
43	712-0086	Wear Pad	6
44	712-0093	Shim	36
45	712-0094	Plate	12
46	712-0211	Shim, Collar, CYL Rod Keeper	7
47	712-0393	Shim 7.00 X 1.88 X 0.25	6
48	714-0228	Pin	2
49	714-0245	Pin, Rope Keeper	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



110' BOOM ASSEMBLY, (W/O SHEAVES)

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REF	PART NO.	DESCRIPTION	QTY
	717A1117 (Rev. R)	<i>Boom Assembly, 110 FT</i>	
50	717-0353	Pin, CYL Mount, Eccentric	2
51	717-0355	Wear Pad 8.75 X 4.00 X 0.50	7
52	717-0364	Link, Chain	2
53	717-0402	Pin 0.375 X 2.00	2
54	717-0404	Pin	1
55	717-0432	Spacer, Sheave Bracket	1
56	717-0444	Wear Pad, CYL Cradle	1
57	717-0447	Block	2
58	717-0557	Spacer 3.00 X 1.50 X 0.62	4
59	717-0573	Spacer	2
60	717-0574	Spacer	2
61	717-0619	Wear Pad 19.38 X 3.00 X 1.00	1
62	717-0768	Bracket, Rope Guide	2
63	717A0350	Sheave, W/Bushing	1
64	717A0357	Sheave-Bushing Assy	1
65	717F0443	Bracket, CYL Cradle	1
66	717F1118	Boom, Tip Section	1
67	717F1119	Boom Weldment, SECT 1 110 FT	1
68	718-0753	Collar Plate, CYL Attach	1
69	720-0109	CYL, HYD, Boom 9.00B X 300.00 ST (see page 66)	1
70	720-0112	Rod, Tension	1
71	720-0122	Link, Chain	1
72	720-0131	Pin 0.686 OD X 5.406	2
73	720-0132	Link, Static	1
74	720-0134	Link, Static, Rod-Plate	1
75	720-0138	Pin, Chain Anchor 0.50 X 4.75	2
76	720-0154	Wear Pad	1
77	720-0155	Strap, Retainer	1
78	720-0166	Pin, Sheave Pivot	1
79	720-0167	Plate, Pin Keeper	2
80	720-0327	Shim, Round 3.625 X 7.25 X 0.19	1
81	720F0136	Bracket, Chain Sheave	1
82	720F0143	Boom 3RD SECT 111'	1
83	720F0550	Boom 2ND Section	1
84	721-0273	Cover, Boom Top	1
85	N04-A00C000-Y8	Nut, HEX 1.00-8, ST SQC G8	1
86	N04-A25F000-Y8	Nut, HEX 1.25-12, ST SQC G8	1
87	N05-500C000-25	Nut, HEX JAM 0.50-13, ST SQC G5	2
88	N05-750C000-25	Nut, HEX JAM 0.75-10, ST SQC G5	12
89	N05-A00C000-25	Nut, HEX JAM 1.00-8, ST SQC G5	3
90	N05-A25F000-25	Nut, HEX JAM 1.25-12, ST SQC G5	2
91	N05-A75C000-25	Nut, HEX JAM 1.75-5, ST SQC G5	2
92	N05-B00F000-2A	Nut, HEX JAM 2.00-12, ST SQC GA	2
93	N12-A75C000-Y8	Nut, HEX HVY 1.75-5, ST SQC G8	1
94	N12-B00F000-Y8	Nut, HEX HVY 2.00-12, ST SQC G8	1
95	NTP-625C000-25	Nut, HEX TPLCK 0.625-11, ST SQC G5	8
96	NTP-750C000-2C	Nut, HEX TPLCK 0.75-10, ST SQC GC	1
97	NYL-312C000-25	Nut, HEX NYL-INS 0.312-18, ST Z G5	32
98	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	3

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



110' BOOM ASSEMBLY, (W/O SHEAVES)

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REF	PART NO.	DESCRIPTION	QTY
	717A1117 (Rev. R)	<i>Boom Assembly, 110 FT</i>	
99	P02-125XA25-20	Pin, Cotter 0.125 X 1.25, ST SQC	12
100	PHP-178XC75-20	Pin, CTRHAIR 0.178 X 3.75 X 1.03, ST SQC	6
101	S01-312CB00-25	SCR, HHCS 0.3125-18 X 2.00, ST SQC G5	12
102	S01-375CA75-25	SCR, HHCS 0.375-16 X 1.75, ST SQC G5	1
103	S01-375CB00-25	SCR, HHCS 0.375-16 X 2.00, ST SQC G5	18
104	S01-375CB25-25	SCR, HHCS 0.375-16 X 2.25, ST SQC G5	2
105	S01-438CA25-Y8	SCR, HHCS 0.4375-14 X 1.25, ST SQC G8	1
106	S01-438CA50-25	SCR, HHCS 0.4375-14 X 1.50, ST SQC G5	3
107	S01-500CA50-25	SCR, HHCS 0.50-13 X 1.50, ST SQC G5	6
108	S01-500CB25-25	SCR, HHCS 0.50-13 X 2.25, ST SQC G5	8
109	S01-500CB50-25	SCR, HHCS 0.50-13 X 2.50, ST SQC G5	10
110	S01-500CC00-Y8	SCR, HHCS 0.50-13 X 3.00, ST SQC G8	1
111	S01-625CB25-Y8	SCR, HHCS 0.625-11 X 2.25, ST SQC G8	8
112	S01-625CD50-25	SCR, HHCS 0.625-11 X 4.50, ST SQC G5	4
113	S01-750CD50-Y8	SCR, HHCS 0.75-10 X 4.50, ST SQC G8	4
114	S01-750CJ50-25	SCR, HHCS 0.75-10 X 9.50, ST SQC G5	1
115	S14-312CA50-H2	SCR, SHCS 0.3125-18 X 1.50, ST SQC	28
116	S14-750CB00-H2	SCR, SHCS 0.75-10 X 2.00, ST SQC	2
117	S16-375C750-20	SCR, FSHCS 0.375-16 X 0.75, ST SQC	19
118	S20-375CD00-HP	SCR, SHSS 0.375 X 4.00, STL	2
119	S20-375CD50-HP	SCR, SHSS 0.375 X 4.50, STL	2
120	S32-500CA25-20	SCR, SSS CPT 0.50-13 X 1.25, ST SQC	2
121	S32-750CB50-20	SCR, SSS CPT 0.75-10 X 2.50, ST SQC	12
122	SHF-375C500-25	SCR, HHCS FT 0.375-16 X 0.50, ST SQC G5	4
123	SHF-375C625-25	SCR, HHCS FT 0.375-16 X 0.625, ST SQC G5	24
124	SHF-375C750-25	SCR, HHCS FT 0.375-16 X 0.75, ST SQC G5	38
125	SHF-500CA00-Y8	SCR, HHCS FT 0.50-13 X 1.00, ST SQC G8	20
126	SHF-500CA25-25	SCR, HHCS FT 0.50-13 X 1.25, ST Z G5	6
127	SHF-500CA25-Y8	SCR, HHCS FT 0.50-13 X 1.25, ST SQC G8	4
128	SHF-625CA50-Y8	SCR, HHCS FT 0.625-11 X 1.50, ST SQC G8	6
129	SHF-750CA50-Y8	SCR, HHCS FT 0.75-10 X 1.50, ST SQC G8	8
130	SHF-A00CB25-25	SCR, HHCS FT 1.00-8 X 2.25, ST SQC G5	2
131	SLL-500CA00-20	SCR, FSHCS LCK 0.50-13 X 1.00, ST SQC	8
132	T119812	Link, Adjust 1288	1
133	T164465	Chain, Leaf Kit 500/600	1
134	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST SQC	12
135	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	26
136	W07-A00X000-20	WSH, LCK, MED SPLT 1.00, ST SQC	2
137	WAH-43NX000-20	WSH, FL HRD A-NRW 0.4375, ST SQC	1
138	WAH-50NX000-20	WSH, FL HRD A-NRW 0.50, ST SQC	55
139	WAH-62NX000-20	WSH, FL HRD A-NRW 0.625, ST SQC	24
140	WAH-A0NX000-20	WSH, FL HRD A-NRW 1.00, ST SQC	2
141	WAH-A2NX000-20	WSH, FL HRD A-NRW 1.25, ST SQC	2
142	WAJ-750X000-20	WSH, FL HRD A-REG 0.75, ST SQC	16
143	WAJ-B00X000-20	WSH, FL HRD A-REG 2.00, ST SQC	2
144	WAR-A75X000-22	WSH, FL TYP A-REG 1.75, ST SQC G2	2
145	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	4
146	WBR-37RXA00-20	WSH, FL TYPB-REG 0.375, ST SQC	24
147	WMF-80MX000-20	WSH, Flat M8 DIN125, ST SQC	56

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



110' BOOM ASSEMBLY, (W/O SHEAVES)

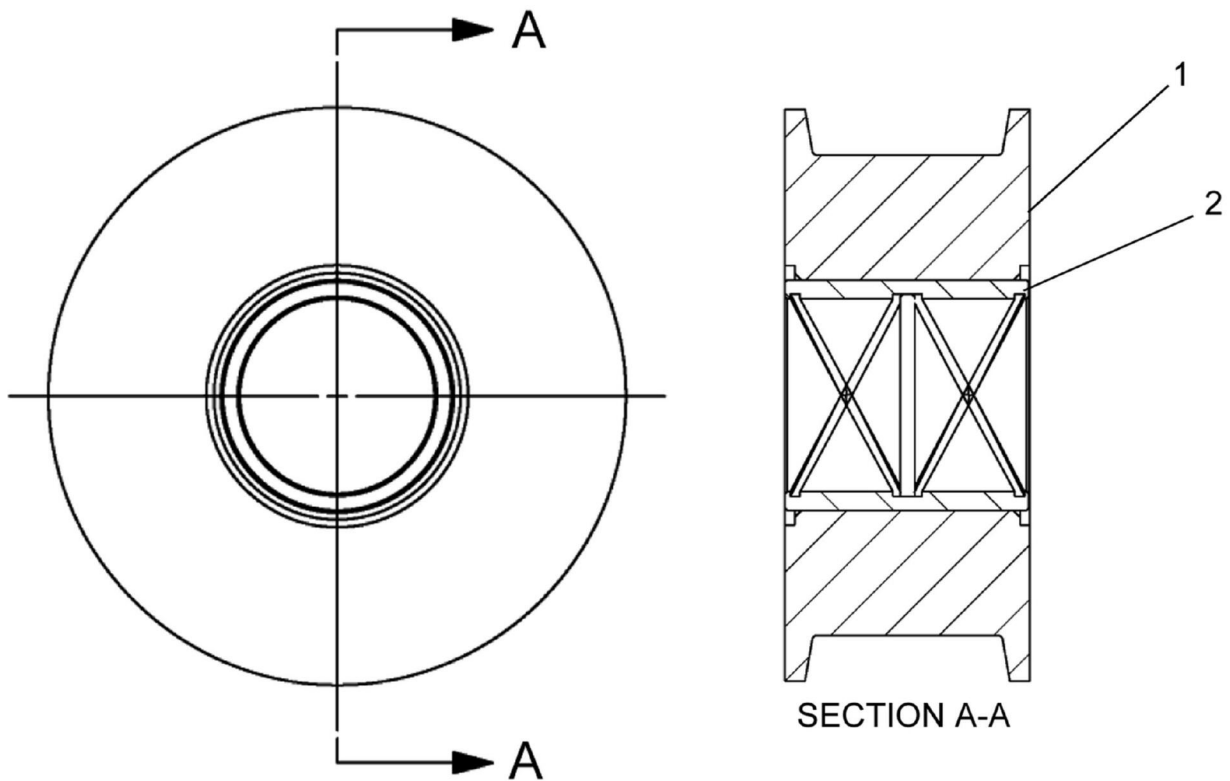
DATE: Revised 03-2019

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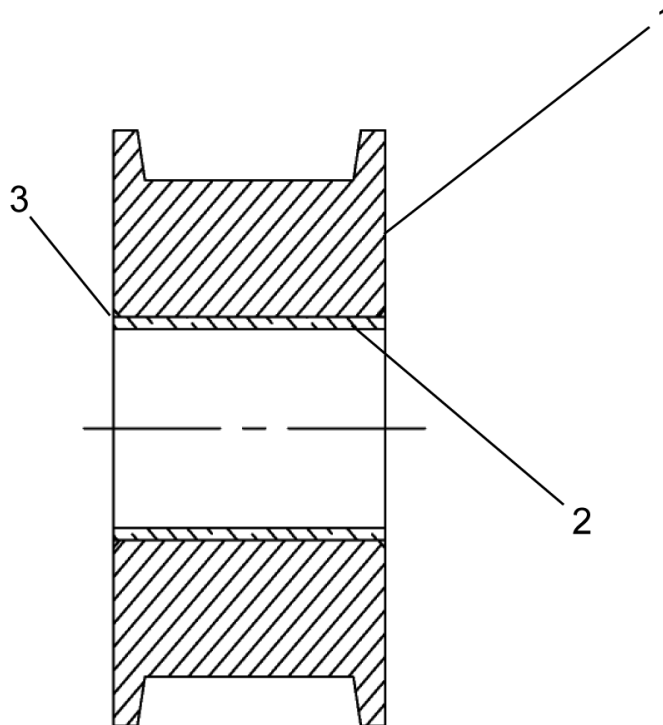
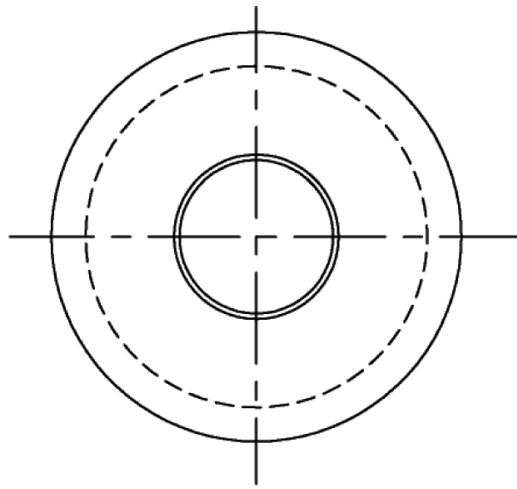
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1



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	709A6806 (Rev. 00)	Sheave ASSY	
1	709-4010	Sheave	1
2	709-5998	Bushing	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



REF	PART NO.	DESCRIPTION	QTY
	709A7226 (Rev. A)	Sheave ASSY	
1	709-7149	Sheave	1
2	401-4707	Bushing	1
3	511-3024	Loctite RC1609	AR

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SHEAVE W/BUSHING

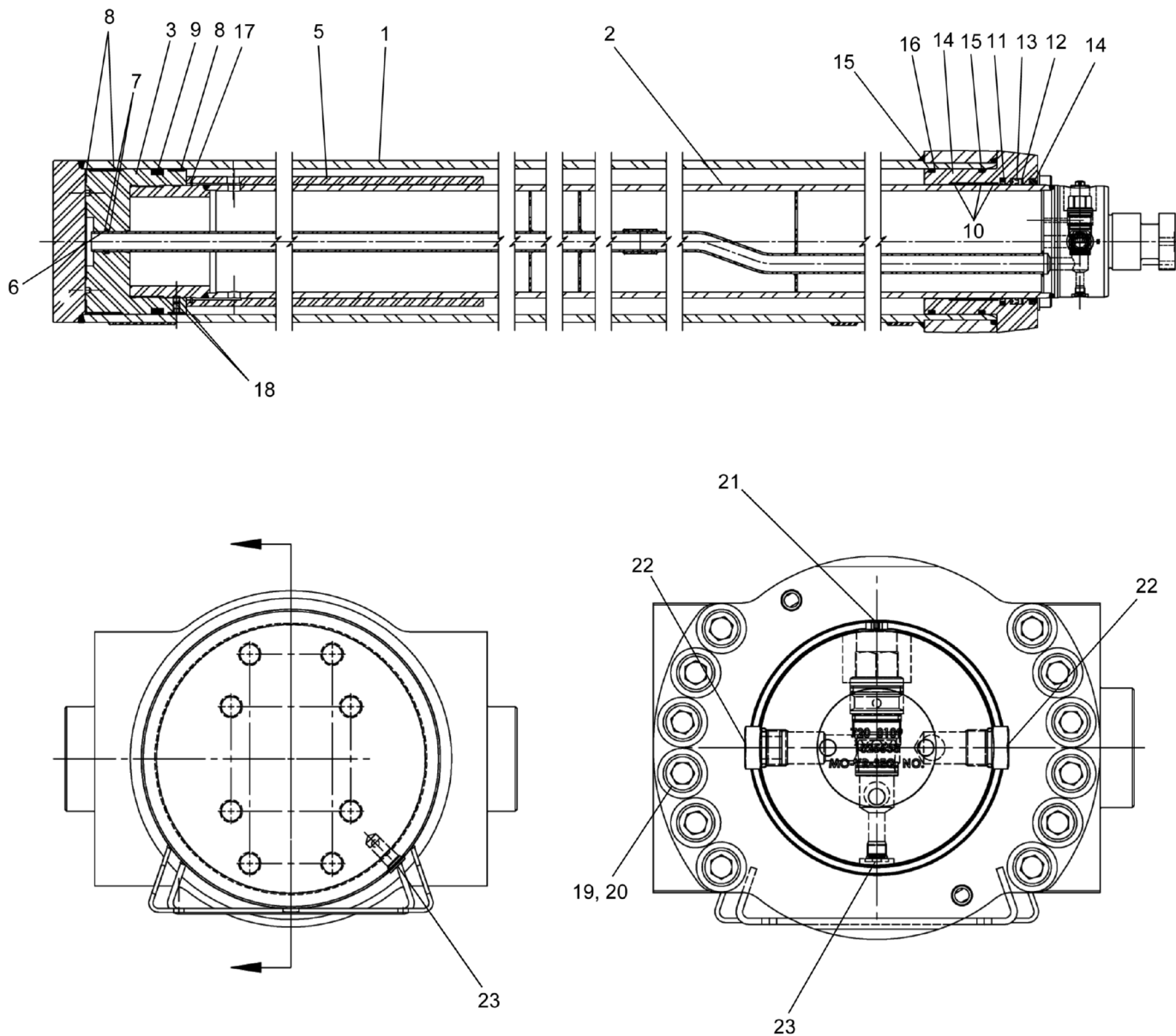
DATE: Released 02-2018

MODEL: 60-110

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



110' BOOM EXTEND CYLINDER (SEABEE)

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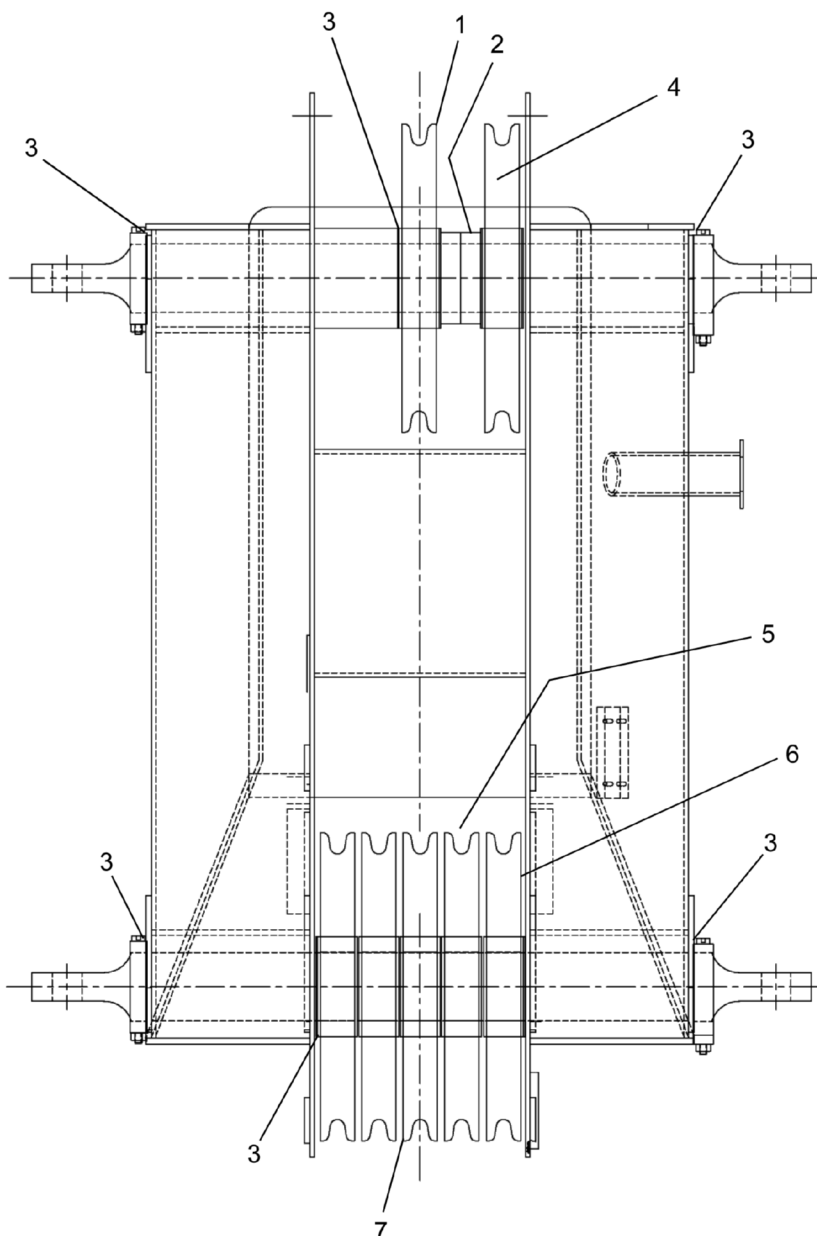
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	720-0109 (Rev. A)	CYL, HYD, Boom 9.00B X 300.00 ST	
	222016	Seal Kit	1
1	221773	Case Weld S 9.000 340.500	1
2	221772	Rod Weld Tube S 7.000 7.000 Cast	1
3	221767	Piston S 9.000 7.000 6.25 STL	1
4*	221780	Head S 9.000 7.000 7.000 Cast	1
5	221771	Spacer S 7.040 7.75 27.750	1
6	216738	ORing 218 1.5000D 70N .125CS	1
7	216737	Backup 218 1.5000D 1.25CS 1758	2
8	221766	Wring 9.000 8.75 1.000 BC	3
9	221768	Seal Piston 9.000 CAP GT	1
10	221776	Wring 7.25 7.000 1.000 BC	3
11	221777	Seal Rod 7.000R DP R407000	1
12	221779	UCB 7.000R 0.375CS .098	1
13	221778	UCup 7.000R 0.375CS 0.625 Z Seal	1
14	221781	Wiper 7.000 .375 .375 D	1
15	221774	ORing 446 9.00D 70N .250CS	2
16	221775	Back Up 446 9.000 1758	1
17	221770	Snap Ring INT 7.375 0.086T	1
18	221769	SHSS .375-16 0.375 W/NYLOK	4
19	221783	Washer Hardened Steel .750	12
20	221782	SHCS .750-10 4.500L	12
21	219989	Valve CBAL CBGG-LJN 5000	1
22	216233	Plug SAE 12 1.063-12 HH STL	2
23	216550	Plug SAE 6 .563-18 SH STL	2

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	110' BOOM EXTEND CYLINDER (SEABEE)	DATE: Revised 10-2012	CHAPTER 1
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REF	PART NO.	DESCRIPTION	QTY
	714A0774 (Rev. B)	5 Sheave ASSY, Nylon	
1	709A7232	Sheave Assembly (see page 69)	2
2	709 7289	Spacer	2
3	1209-99	Spacer	25
4	1213-3	Grease FTG, Zerk 0.125NPT 45°	2
5	1213-6	Zerk, 90°	3
6	1213-5	Zerk, 65°	2
7	714A1659	Nylon Sheave Assembly (see page 70)	5

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SHEAVE BOOM HEAD ASSEMBLY

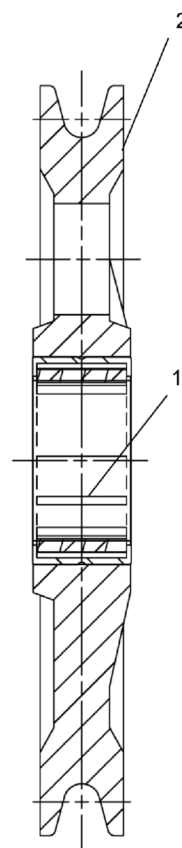
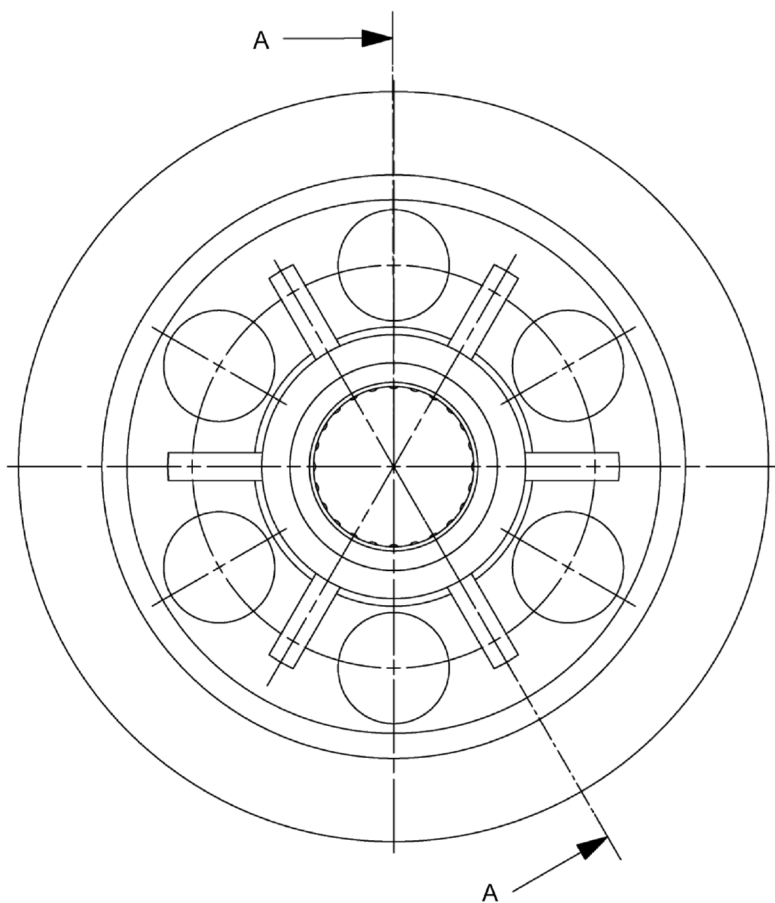
DATE: Revised 10-2014

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SECTION A-A

REF	PART NO.	DESCRIPTION	QTY
	709A7232 (Rev. A)	Sheave Assembly	
1	1217-358	Bearing, MCGILL #MR-48	1
2	709-7124	Sheave	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SHEAVE ASSEMBLY

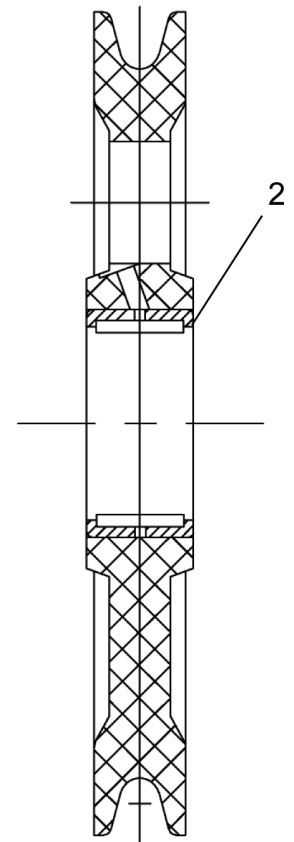
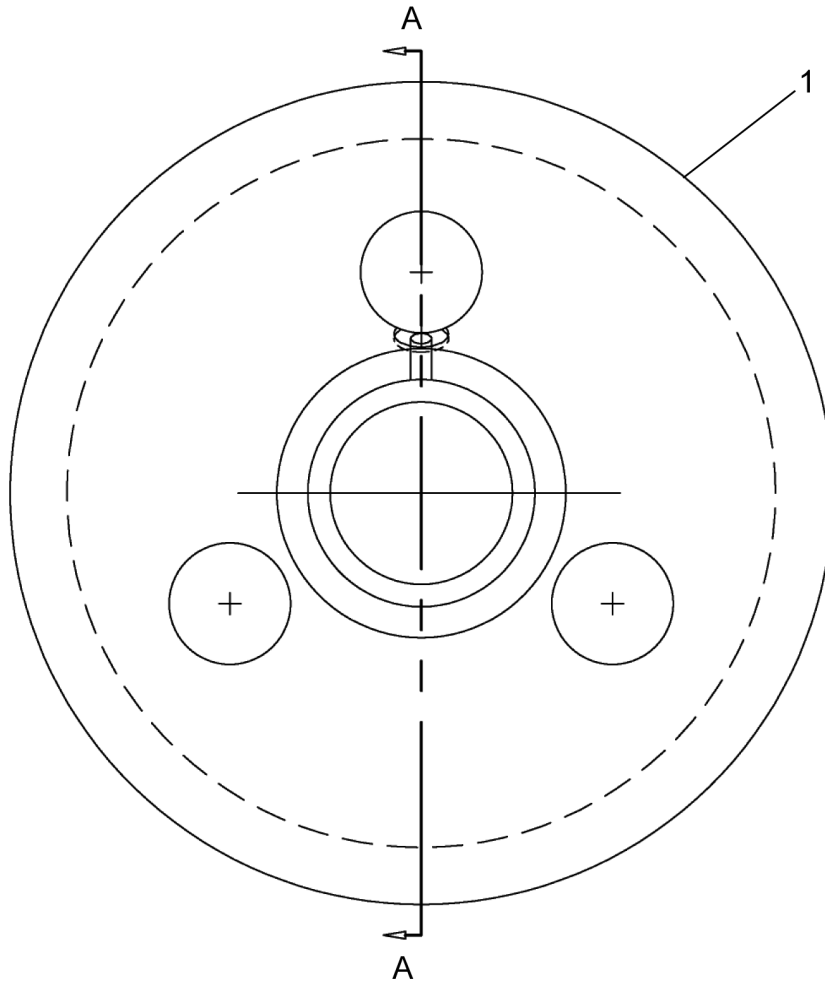
DATE: Released 11-2014

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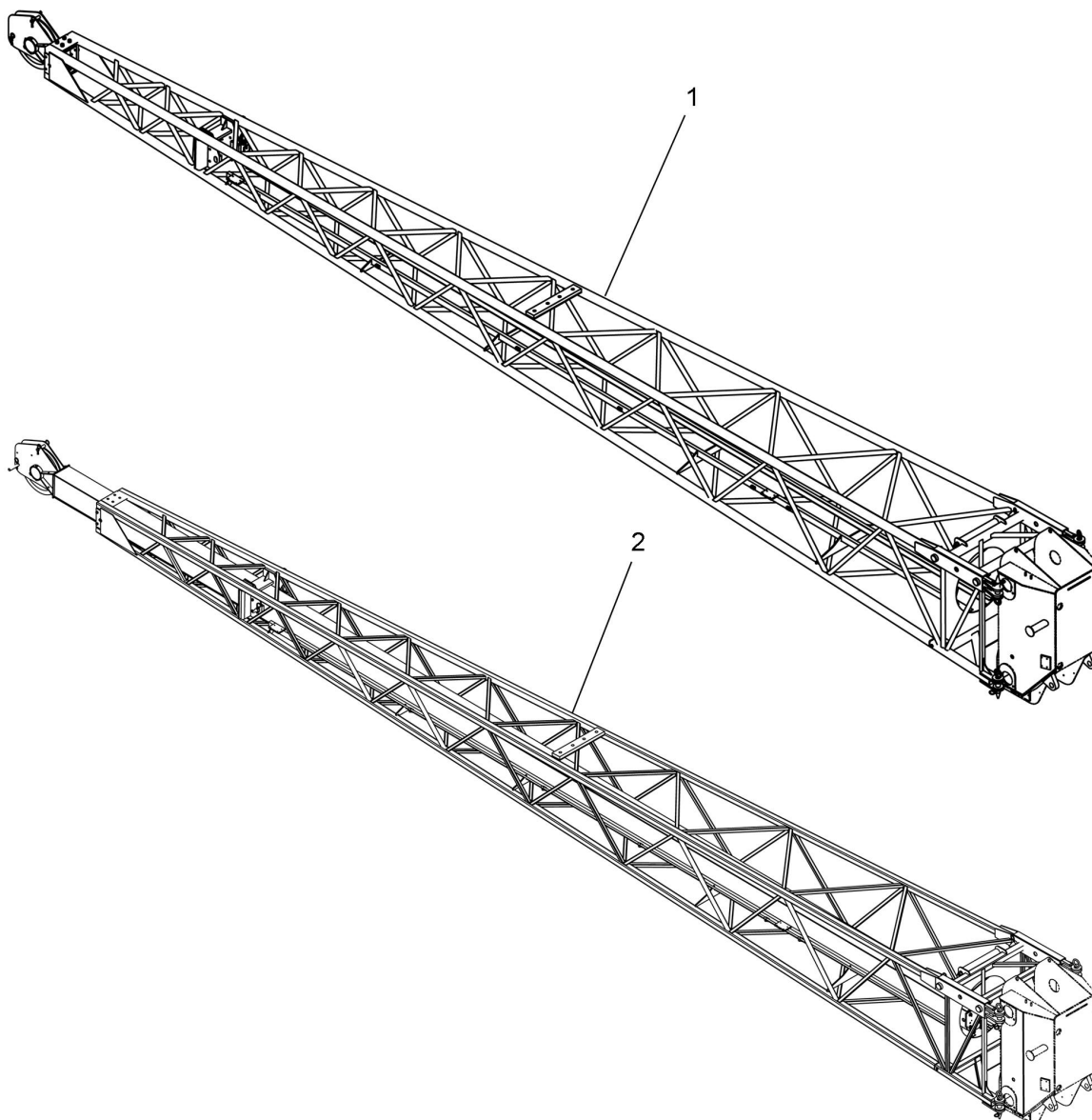
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SECTION A-A

REF	PART NO.	DESCRIPTION	QTY
	714A1659 (Rev. 00)	Nylon Sheave Assembly	
1	714 0743	Sheave	1
2	1217-358	Bearing, MCGILL #MR-48	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
		XO 6000-JIB ASSY* (Rev. 00) <i>Jib ASSY, Offsettable 32' -57'</i>	
1	714A0734	Offsettable Jib ASSY, 32FT (see page 72)	1
2	717A0578	Offsettable Jib ASSY, 33FT - 57FT (see page 81)	1

* NOT PURCHASABLE AT THIS LEVEL

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



JIB ASSEMBLY OPTIONS

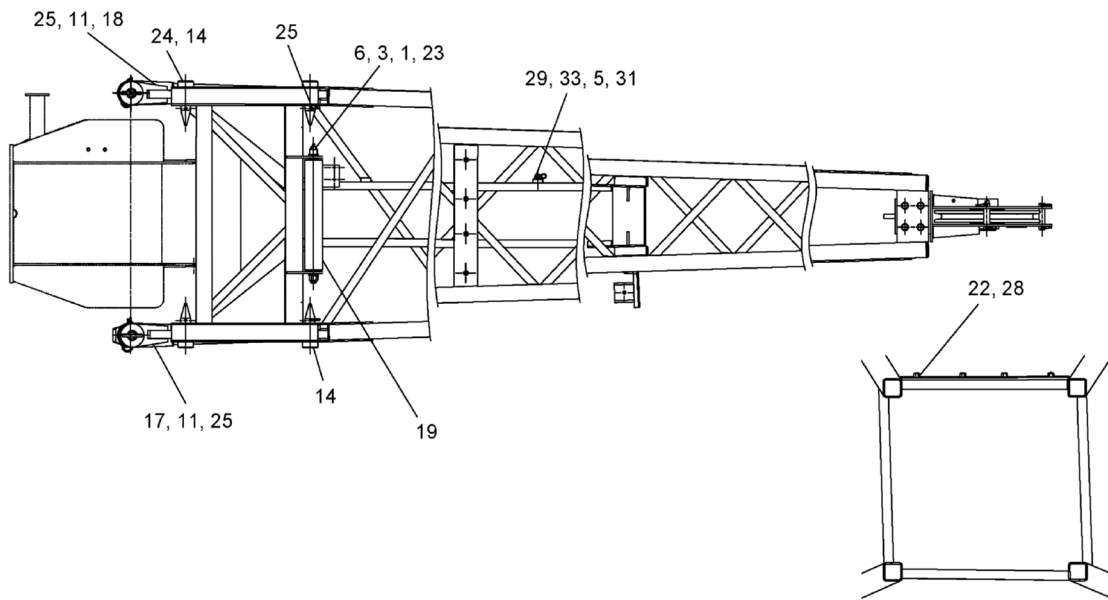
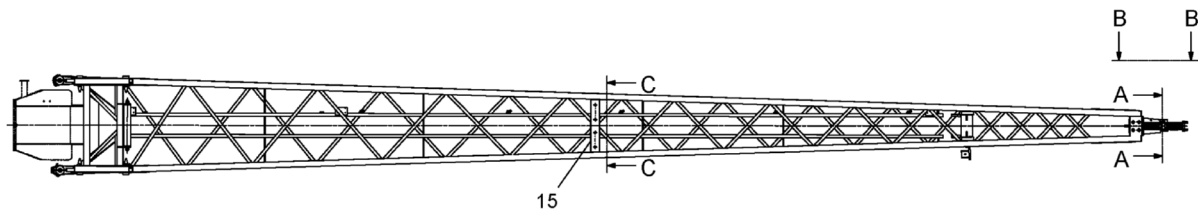
DATE: Revised 05-2015

MODEL: 60-110

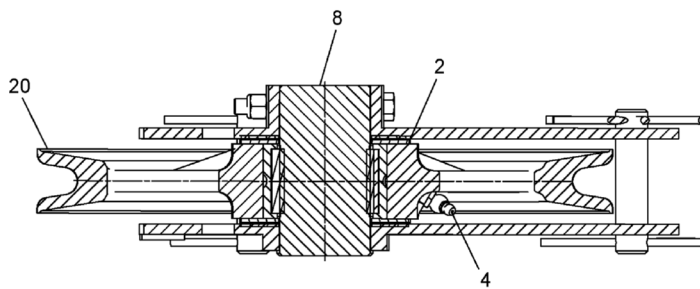
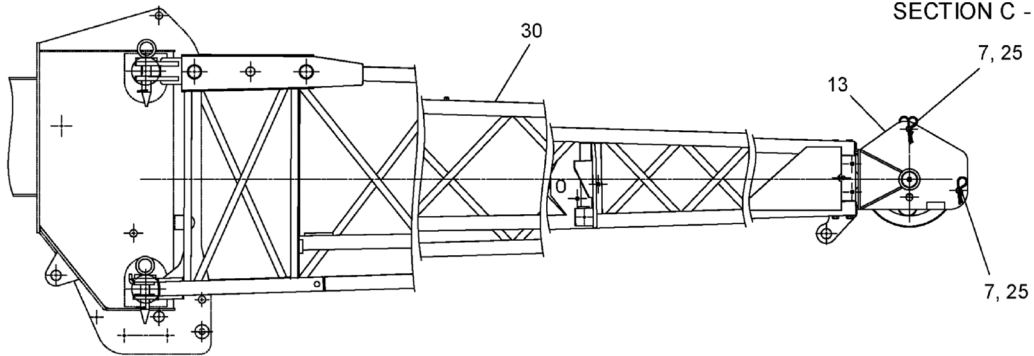
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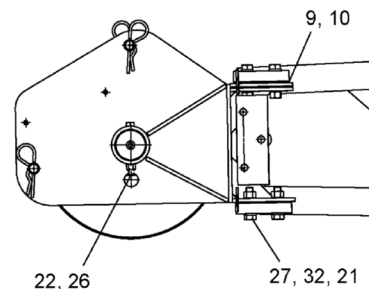
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SECTION C - C



SECTION A - A



VIEW B - B

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OFFSETTABLE JIB ASSEMBLY 32'

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REF	PART NO.	DESCRIPTION	QTY
	714A0734 (Rev. H)	Offsettable Jib ASSY, 32FT	
1	1208-03	Shim, Round 0.625 X 1.25 X 0.075, ST Z	6
2	1209-79	Spacer	4
3	1213-10	Grease FTG, Zerk 0.25-28 STR-SHT	1
4	1213-3	Grease FTG, Zerk 0.125NPT 45°	1
5	200B2007-4	Clamp, MED, 1/2 ID	5
6	38404	Shaft	1
7	38490	Pin	2
8	65344	Shaft	1
9	707-4058	Shim	2
10	707-8564	Plate	1
11	707F8530	Pin	4
12*	708A0282-5	Anti-Two Block ASSY-Jibs (see page 74)	1
12*	708A0282-5	Anti-Two Block ASSY-Jibs (see page 76)	1
13	708F0291	Stub Head	1
14	709-7290	Pin	4
15	709-7304	Wear Pad 18.00 X 3.00 X 1.00	1
16*	714A0334	Jib Stowage ASSY (see page 78)	1
17	714F0335	Link	1
18	714F0336	Link	1
19	A35401-2	Roller	1
20	A38933	Sheave (see page 80)	1
21	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	8
22	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	5
23	NYL-625F000-25	Nut, HEX NYL-INS 0.625-18, ST SQC G5	2
24	P22-188XB50-G2	Pin, Spring SLTD 0.1875 X 2.50, ST SQC	2
25	PHP-178XC75-20	Pin, CTRHAIR 0.178 X 3.75 X 1.03, ST SQC	10
26	S01-375CC50-25	SCR, HHCS 0.375-16 X 3.50, ST SQC G5	1
27	S01-500CB00-25	SCR, HHCS 0.50-13 X 2.00, ST SQC G5	8
28	S16-375C750-20	SCR, FSHCS 0.375-16 X 0.75, ST SQC	4
29	SHF-375C750-25	SCR, HHCS FT 0.375-16 X 0.75, ST SQC G5	5
30	T123609	Jib	1
31	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	5
32	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	8
33	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	5

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OFFSETTABLE JIB ASSEMBLY 32'

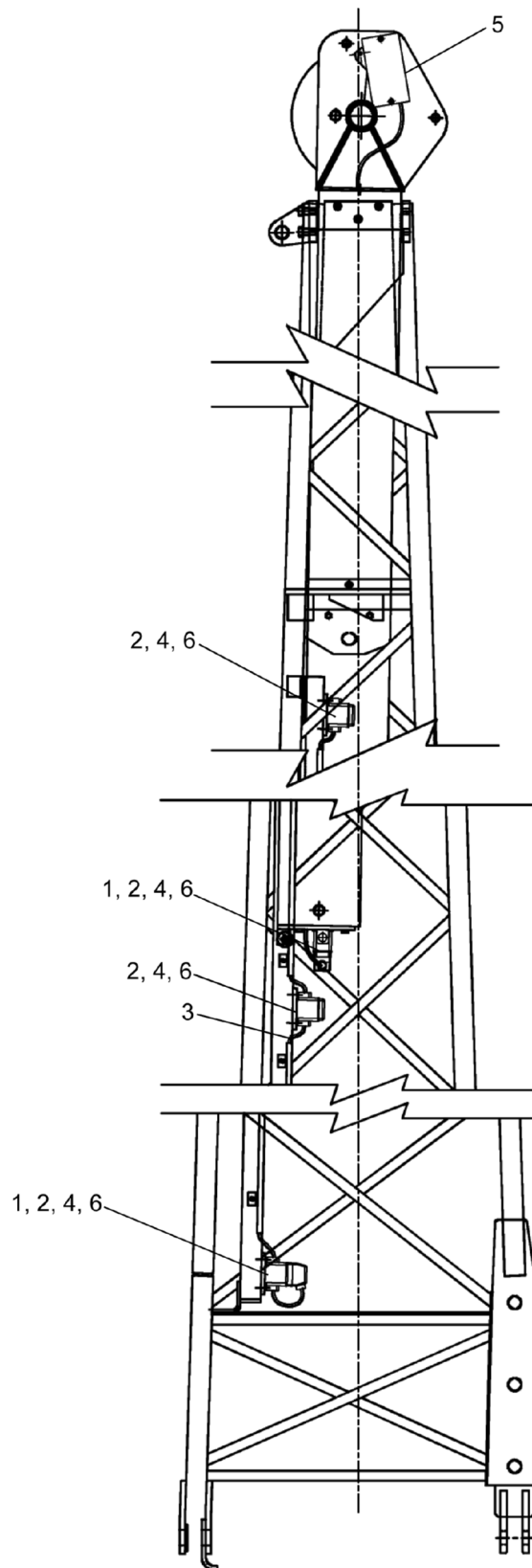
DATE: Revised 03-2019

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ANTI-TWO BLOCK ASSEMBLY JIB

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	708A0282-5 (Rev. P)	<i>Anti-Two Block ASSY-Jibs</i>	
1	T127379	Hood, Weidmuller	2
2	T127374	Base, Weidmuller	4
3	T116674	Cable	624
4	W07-190X000-20	WSH, LCK, MED SPLT 10, ST SQC	16
5	709-7821	Switch	1
6	SL5-190F500-20	SCR, CR RND MS 10-32 X 0.50, ST SQC	16

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ANTI-TWO BLOCK ASSEMBLY JIB

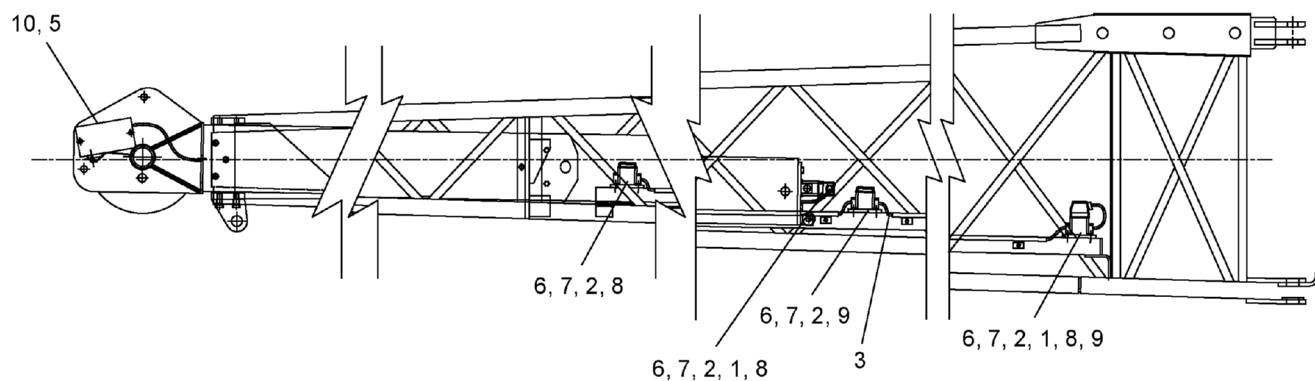
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ANTI-TWO BLOCK ASSEMBLY JIB

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	708A0282-5 (Rev. Q)	<i>Anti-Two Block ASSY-Jibs</i>	
1	T127379	Hood, Weidmuller	2
2	T127374	Base, Weidmuller	4
3	T116674	Cable	624
5	709 7821	Switch	1
6	SL5-190F500-20	SCR, CR RND MS 10-32 X 0.50, ST SQC	16
7	W07-190X000-20	WSH, LCK, MED SPLT 10, ST SQC	16
8	T163315	Insulated Ferrule, 18AWG Single Wire	6
9	T163316	Insulated Ferrule, 18AWG Two Wire	4
10	T163603	Ring Terminal, Heat Shrinkable, 22-18 AWG, 1/4" Stud	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ANTI-TWO BLOCK ASSEMBLY JIB

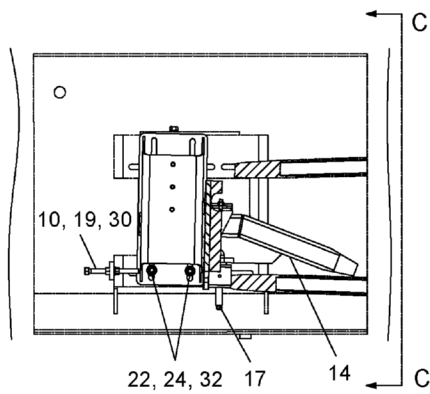
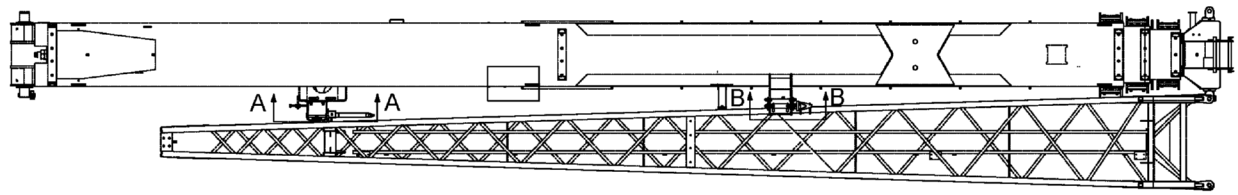
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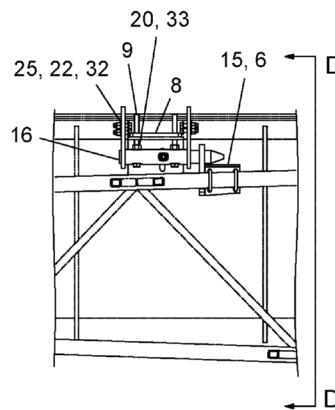
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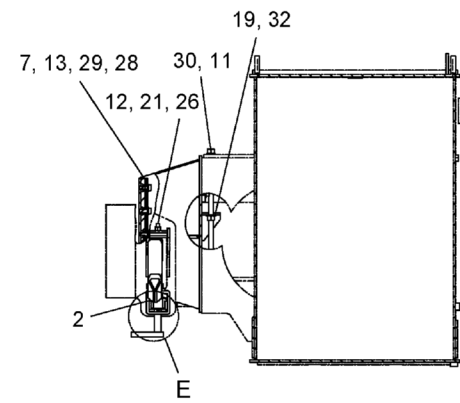
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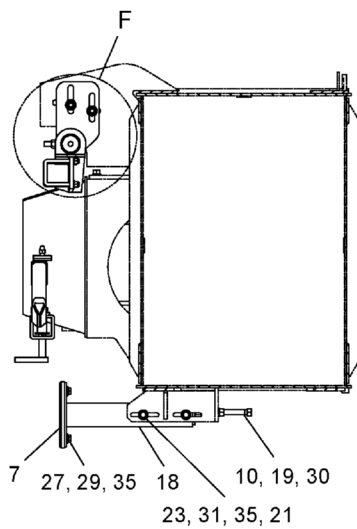
SECTION A - A



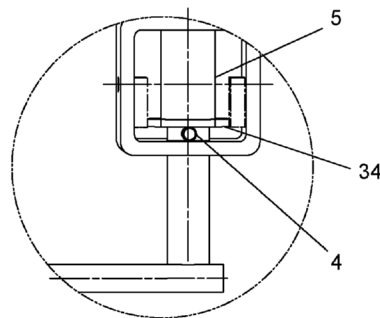
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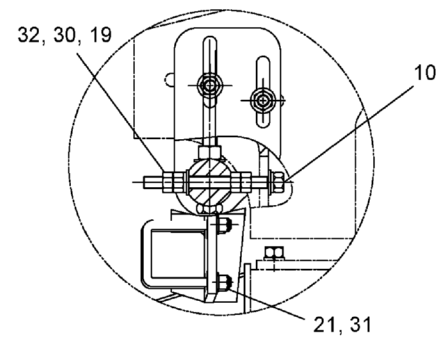
VIEW C - C



VIEW D - D



DETAIL E



DETAIL F

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



JIB STOWAGE ASSEMBLY 32'

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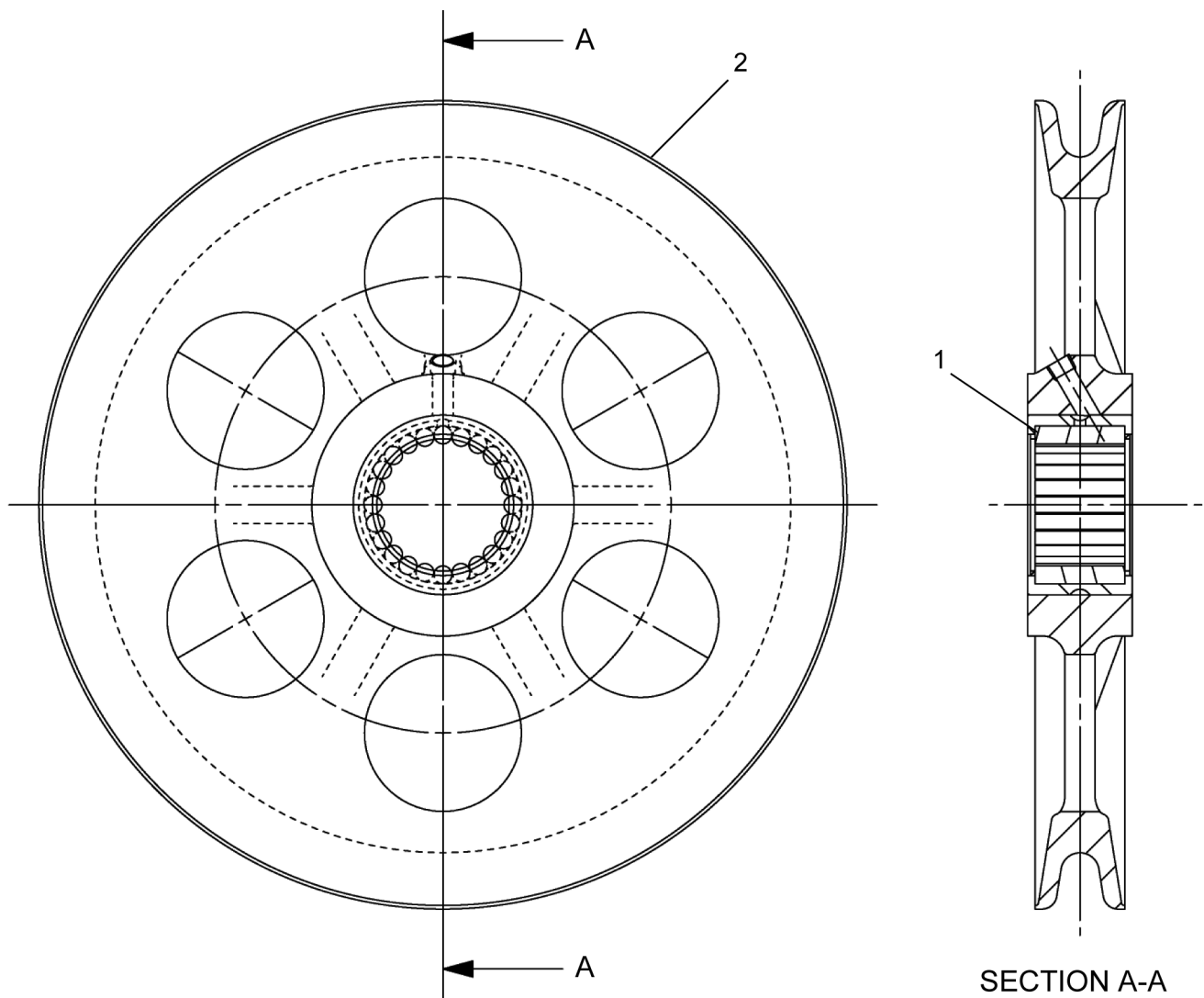
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REF	PART NO.	DESCRIPTION	QTY
	714A0334 (Rev. F)	Jib Stowage ASSY	
1*	12178-1	Rope	1
2	1222-202	Tie Plas CABL NT340 15"	2
3*	1222-364	Safety Snap Jib Stowage GRP	1
4	1227-258	Pin Roll 1/4 X 1 3/4	1
5	371-0101	Spring	1
6	708-2742	Rod	2
7	709-1564	Pad	2
8	709-7342	Bar, Threaded, 0.625-11	1
9	709-7358	Capscrew, 0.625-11 X 6.5, 5.5 Inches Of Thread	2
10	709-7359	Capscrew	3
11	709-7360	Capscrew, 0.50-13 X 12.5, 7.50 Inches Of Thread	1
12	709-7384	Wear Pad 2.50 X 1.875 X 0.50	1
13	709-7386	Plate	4
14	709F7316	Bracket, Jib	1
15	709F7327	Bracket	1
16	709F7377	Bracket	1
17	712F0215	Handle	1
18	714F0342	Bracket	1
19	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	9
20	N04-625C000-25	Nut, HEX 0.625-11, ST SQC G5	2
21	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	7
22	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	8
23	S01-375CD00-25	SCR, HHCS 0.375-16 X 4.00, ST SQC G5	2
24	S01-500CA75-25	SCR, HHCS 0.50-13 X 1.75, ST SQC G5	4
25	S01-500CB00-25	SCR, HHCS 0.50-13 X 2.00, ST SQC G5	4
26	S16-375CA25-20	SCR, FHS HCS 0.375-16 X 1.25, ST SQC	1
27	SMF-10CM020-28	SCR, HHCS M10-1.5 X 20 FT, ST SQC C8.8	2
28	SMF-10CM025-28	SCR, HHCS M10-1.5 X 25 FT, ST SQC C8.8	3
29	W07-438X000-20	WSH, LCK, MED SPLT 0.4375, ST Z	5
30	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	5
31	WAH-37NX000-20	WSH, FL HRD A-NRW 0.375, ST SQC	8
32	WAH-50NX000-20	WSH, FL HRD A-NRW 0.50, ST SQC	19
33	WAN-62NX000-20	WSH, FL TYP A-NRW 0.625, ST SQC	2
34	WAN-75NX000-20	WSH, FL TYP A-NRW 0.75, ST SQC	2
35	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	6

* ITEM NOT SHOWN IN ILLUSTRATION

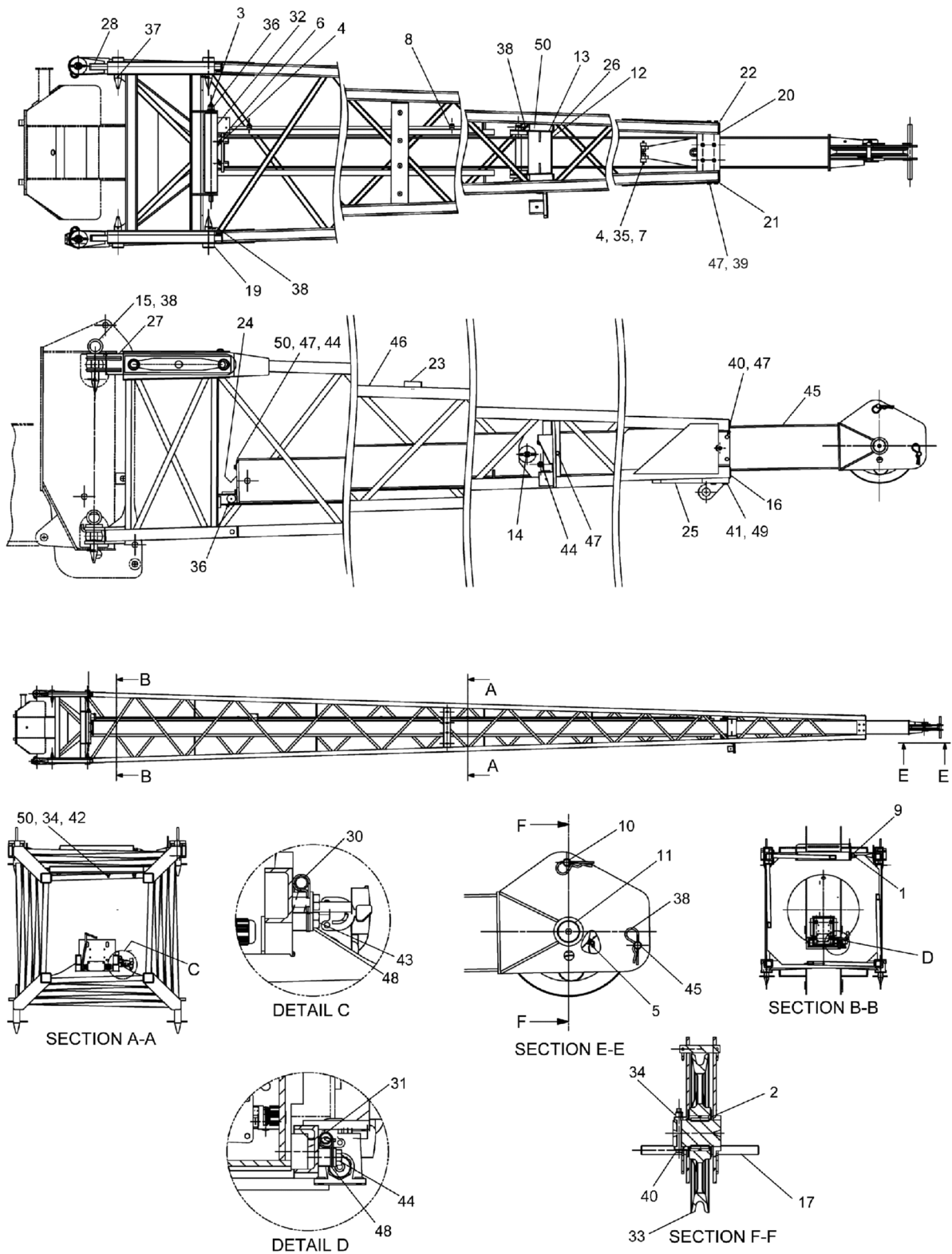
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	JIB STOWAGE ASSEMBLY 32'	DATE: Revised 03-2019	CHAPTER 1
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REF	PART NO.	DESCRIPTION	QTY
	A38933 (Rev. B)	Sheave	
1	1217-236	Bearing	1
2	38849	Sheave	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OFFSETTABLE JIB ASSEMBLY, 33FT - 57FT

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REF	PART NO.	DESCRIPTION	QTY
	717A0578 (Rev. R)	Offsettable Jib ASSY, 33FT - 57FT	
1	1208-03	Shim, Round 0.625 X 1.25 X 0.075, ST Z	6
2	1209-79	Spacer	2
3	1213-10	Grease FTG, Zerk 0.25-28 STR-SHT	1
4	1213-11	Fitting, Grease STR	4
5	1213-3	Grease FTG, Zerk 0.125NPT 45°	1
6	1217-349	Roller, CAM DIA 1.5 X .88 THK	2
7	1217-49	Cam Follower	2
8	200B2007-4	Clamp, MED, 1/2 ID	7
9	38404	Shaft	1
10	38490	Pin	1
11	65344	Shaft	1
12	707-8525	Plate	2
13	707-8788	Shim	2
14	707F8527	Pin	1
15	707F8530	Pin	4
16	708-0260	Shim	4
17	708-0267	Pin	1
18*	708A0282	Anti-Two Block Assembly, 32'-57' Jib (see page 84)	1
19	709-7290	Pin	4
20	709-7296	Plate	2
21	709-7297	Shim	2
22	709-7298	Shim	6
23	709-7304	Wear Pad 18.00 X 3.00 X 1.00	1
24	709F6690	Bracket	1
25	709F7154	Bracket	1
26	710-0052	Shim	2
27	714F0335	Link	1
28	714F0336	Link	1
29*	717A0691	Jib Stowage Assembly (see page 86)	1
30	720-0541	Tube, 197"	1
31	720-0542	Tube, 68"	1
32	A35401-2	Roller	1
33	A38933	Sheave (see page 80)	1
34	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	5
35	NYL-438F000-25	Nut, HEX NYL-INS 0.438-20, ST SQC G5	2
36	NYL-625F000-25	Nut, HEX NYL-INS 0.625-18, ST SQC G5	4
37	P22-219XB00-GP	Pin, Spring SLTD 0.2188 X 2.00, ST	2
38	PHP-178XC75-20	Pin, CTRHAIR 0.178 X 3.75 X 1.03, ST SQC	11
39	S01-375CB00-25	SCR, HHCS 0.375-16 X 2.00, ST SQC G5	6
40	S01-375CC50-25	SCR, HHCS 0.375-16 X 3.50, ST SQC G5	1
41	S14-625CA00-H2	SCR, SHCS 0.625-11 X 1.00, ST SQC	4
42	S16-375CA25-20	SCR, FSHCS 0.375-16 X 1.25, ST SQC	4
43	SHF-375C750-25	SCR, HHCS FT 0.375-16 X 0.75, ST SQC G5	7
44	SHF-375CA25-25	SCR, HHCS FT 0.375-16 X 1.25, STZ G5	10
45	T118024	Stinger-25 FT	1
46	T123609	Jib	1
47	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	22
48	W07-438X000-20	WSH, LCK, MED SPLT 0.4375, ST Z	7
49	W07-625X000-20	WSH, LCK, MED SPLT 0.625, ST Z	4

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OFFSETTABLE JIB ASSEMBLY, 33FT - 57FT

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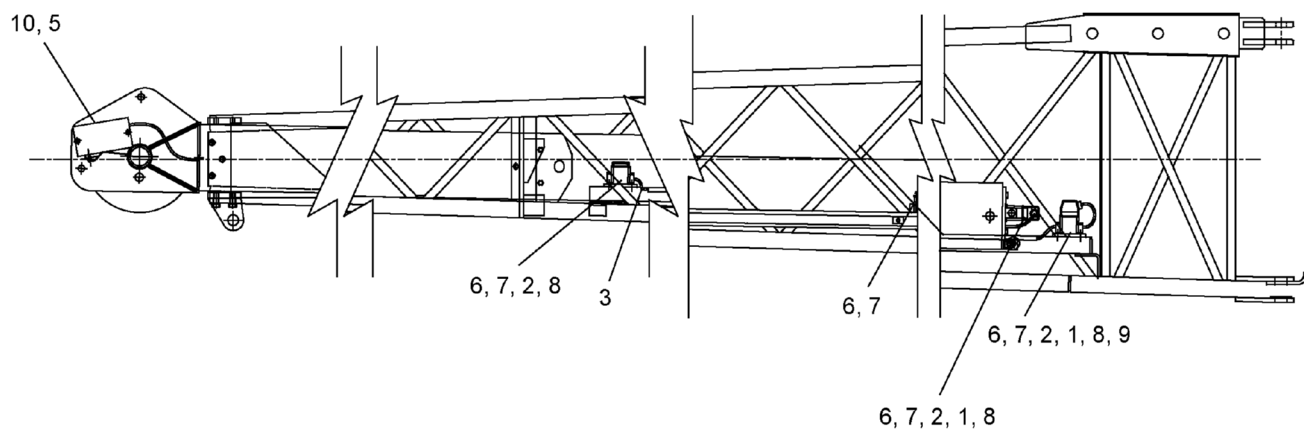
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	717A0578 (Rev. R)	<i>Offsettable Jib ASSY, 33FT - 57FT</i>	
50	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	12

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	OFFSETTABLE JIB ASSEMBLY, 33FT - 57FT	DATE: Revised 04-2018	CHAPTER 1
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ANTI-TWO BLOCK ASSEMBLY JIB

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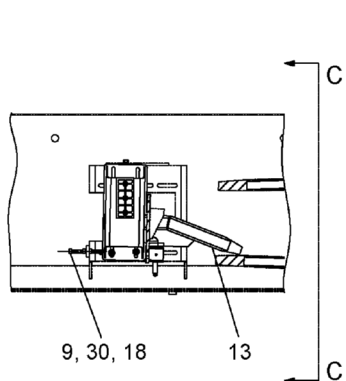
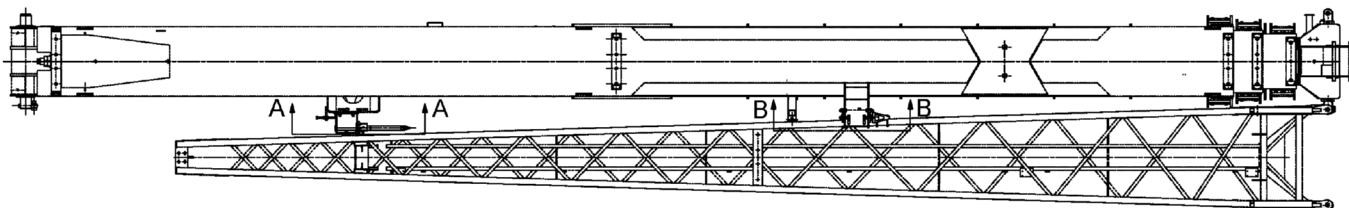
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1

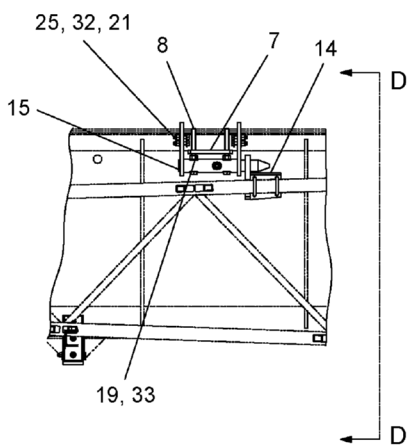
<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	708A0282 (Rev. Q)	<i>Anti-Two Block Assembly, 32'-57' Jib</i>	
1	T127379	Hood, Weidmuller	2
2	T127374	Base, Weidmuller	3
3	T116674	Cable	624
5	709 7821	Switch	1
6	SL5-190F500-20	SCR, CR RND MS 10-32 X 0.50, ST SQC	16
7	W07-190X000-20	WSH, LCK, MED SPLT 10, ST SQC	16
8	T163315	Insulated Ferrule, 18AWG Single Wire	6
9	T163316	Insulated Ferrule, 18AWG Two Wire	2
10	T163603	Ring Terminal, Heat Shrinkable, 22-18 AWG, 1/4" Stud	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

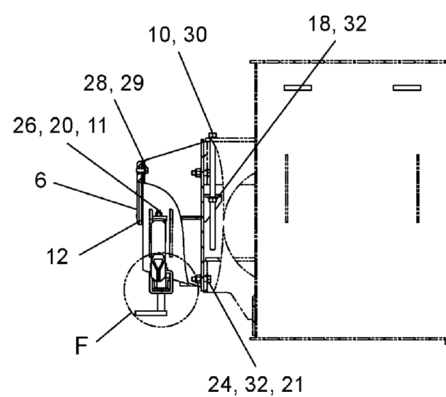
	ANTI-TWO BLOCK ASSEMBLY JIB	DATE: Revised 03-2019	CHAPTER 1
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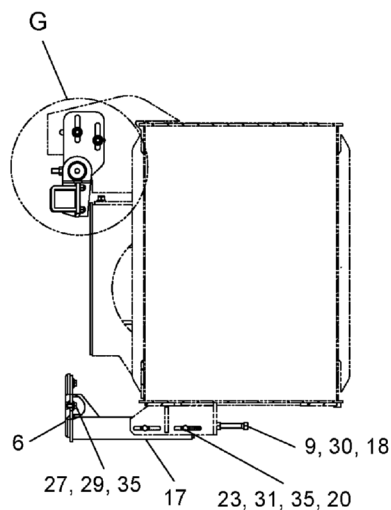
SECTION A - A



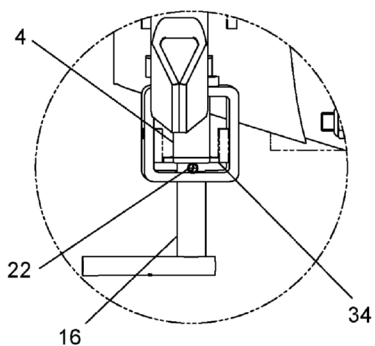
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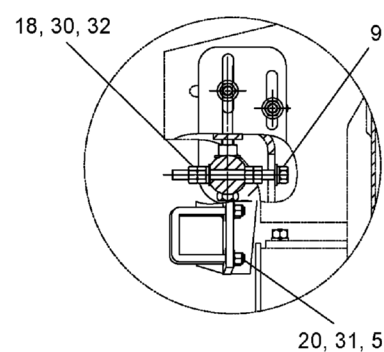
VIEW C - C



VIEW D - D



DETAIL F



DETAIL G

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



JIB STOWAGE ASSEMBLY

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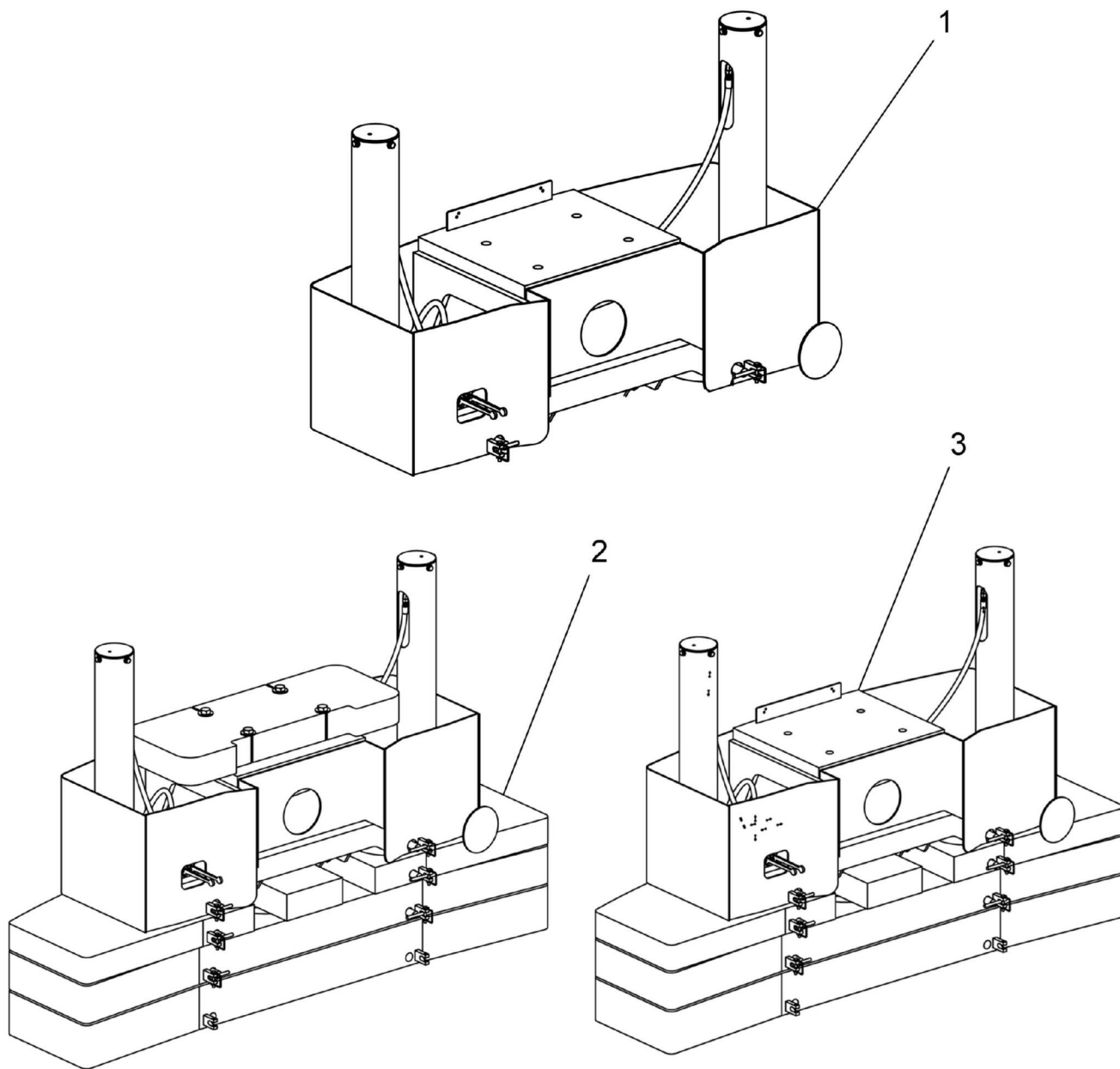
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REF	PART NO.	DESCRIPTION	QTY
	717A0691 (Rev. J)	<i>Jib Stowage Assembly</i>	
1*	12178-1	Rope	1
2*	1222-202	Tie Plas CABL NT340 15"	2
3*	1222-364	Safety Snap Jib Stowage GRP	1
4	371-0101	Spring	1
5	708-2742	Rod	2
6	709-1564	Pad	2
7	709-7342	Bar, Threaded, 0.625-11	1
8	709-7358	Capscrew, 0.625-11 X 6.5, 5.5 Inches Of Thread	2
9	709-7359	Capscrew	3
10	709-7360	Capscrew, 0.50-13 X 12.5, 7.50 Inches Of Thread	1
11	709-7384	Wear Pad 2.50 X 1.875 X 0.50	1
12	709-7386	Plate	4
13	709F7316	Bracket, Jib	1
14	709F7327	Bracket	1
15	709F7377	Bracket	1
16	712F0215	Handle	1
17	717F0688	Bracket	1
18	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	9
19	N04-625C000-25	Nut, HEX 0.625-11, ST SQC G5	2
20	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	7
21	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	8
22	P22-250XA75-G2	Pin, Spring SLTD 0.25 X 1.75, ST SQC	1
23	S01-375CD00-25	SCR, HHCS 0.375-16 X 4.00, ST SQC G5	2
24	S01-500CA75-25	SCR, HHCS 0.50-13 X 1.75, ST SQC G5	4
25	S01-500CB00-25	SCR, HHCS 0.50-13 X 2.00, ST SQC G5	4
26	S16-375CA25-20	SCR, FSHCS 0.375-16 X 1.25, ST SQC	1
27	SMF-10CM020-28	SCR, HHCS M10-1.5 X 20 FT, ST SQC C8.8	2
28	SMF-10CM025-28	SCR, HHCS M10-1.5 X 25 FT, ST SQC C8.8	3
29	W07-438X000-20	WSH, LCK, MED SPLT 0.4375, ST Z	5
30	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	5
31	WAH-37NX000-20	WSH, FL HRD A-NRW 0.375, ST SQC	8
32	WAH-50NX000-20	WSH, FL HRD A-NRW 0.50, ST SQC	19
33	WAN-62NX000-20	WSH, FL TYP A-NRW 0.625, ST SQC	2
34	WAN-75NX000-20	WSH, FL TYP A-NRW 0.75, ST SQC	2
35	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	6

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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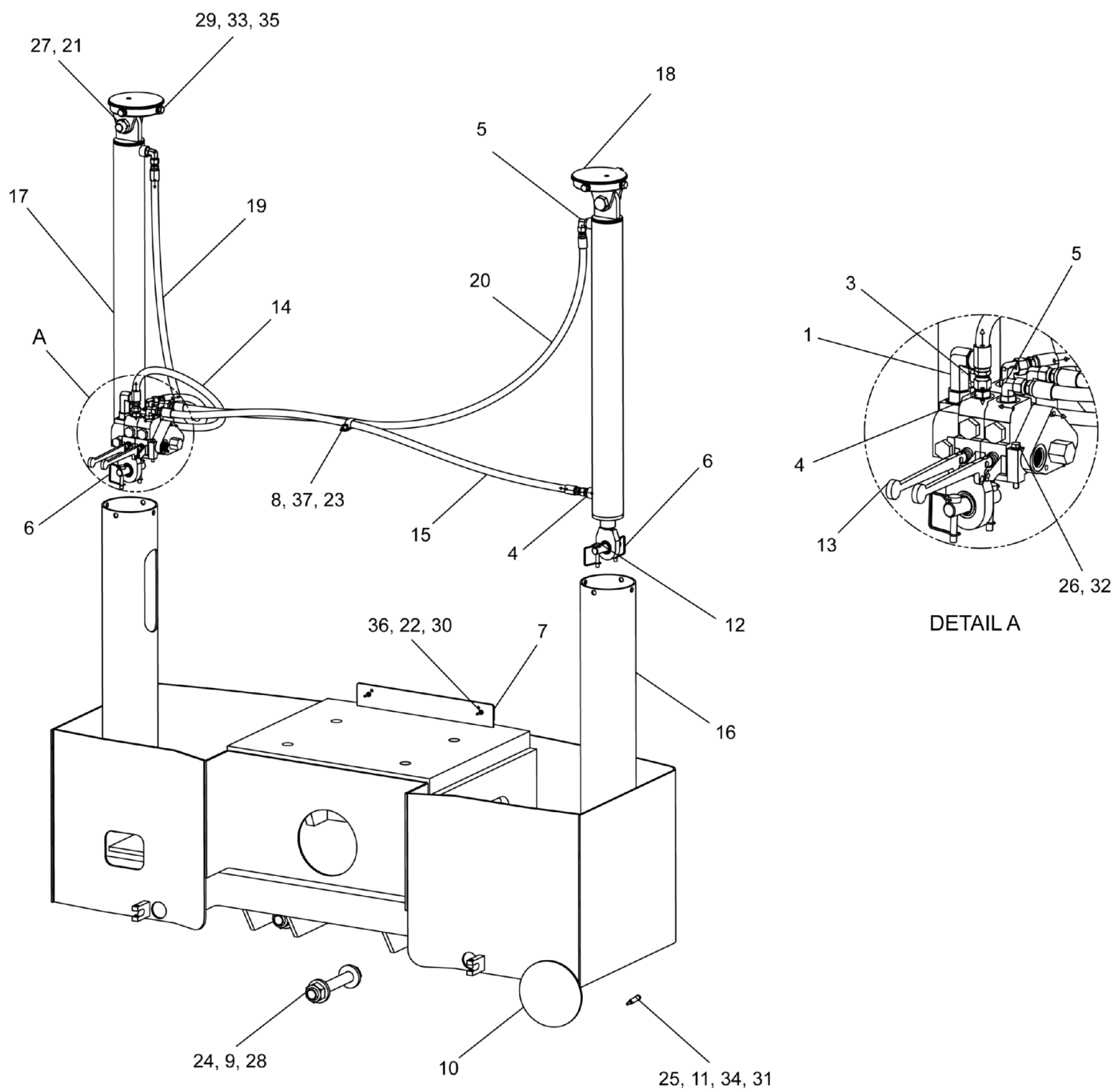
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	XO 6000-CTWT-OPTs* (Rev. 00)	<i>Counterweight Options</i>	
1	T109489	Counterweight Mount Assembly, 3,400 LBS (see page 90)	1
2	T109490	4,500 LB. Counterweight W/O AUX Winch (see page 92)	1
2A	T109492	7,500LB CTWT Assembly (see page 93)	1
2B	T109494	11,500 LB. Counterweight W/O AUX Winch (see page 95)	1
2C	T109496	16,500 LB. Counterweight W/O AUX Winch (see page 96)	1
3	T109491	6,400 LB. Counterweight W/ AUX Winch (see page 97)	1
3A	T109493	10,400LB CTWT Assembly (see page 98)	1
3B	T109495	15,400 LB. Counterweight W/ AUX Winch (see page 100)	1

* NOT PURCHASABLE AT THIS LEVEL

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	COUNTERWEIGHT OPTIONS	DATE: Released 09-2012	CHAPTER 1
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



COUNTERWEIGHT MOUNT ASSEMBLY, 3,400 LBS

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REF	PART NO.	DESCRIPTION	QTY
	T109489 (Rev. D)	Counterweight Mount Assembly, 3,400 LBS	
1	12019-789	Elbow, 90, MJIC-12/MORB-12, L	1
2*	12182-1	Trim Lock	1
3	1219-389	Adapter, MJIC-12/MORB-12	1
4	1219-441	Adapter, MJIC-8/MORB-8	3
5	1219-470	Elbow, 90, MJIC-8/MORB-8	5
6	1222-352	Pin Safety Snap	4
7	1223-770	Light, Triple IDENT:Red	1
8	200B2007-55	Clamp, MED Duty Double, 0.81 ID	1
9	42395	Spacer	4
10	706-9604	Mirror	1
11	707-4670	Roller	1
12	717-0309	Pin, CTWT CYL.	2
13	717-0326	Valve HYD	1
14	7170631-26	Hose Assembly	1
15	7170631-58	Hose Assembly	1
16	717F1128	Mount, Counterweight T500J	1
17	718-0157	Cylinder CTWT T500J/700/775	2
18	718F0558	Cap - Cylinder	2
19	MK212092-46	Hose, -8, FJIC-8SW/FJIC-8SW	1
20	MK212092-90	Hose, -8, FJIC-8SW/FJIC-8SW	1
21	N05-A00C000-22	Nut, HEX Jam 1.00-8, ST SQC G2	2
22	NYL-190C000-22	Nut, HEX NYL-INS 10-24, ST SQC G2	2
23	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	1
24	NYT-A25C000-22	Nut, NYLK HVYTHN 1.25-7, ST SQC G2	2
25	S01-250CC00-25	SCR, HHCS 0.25-20 X 3.00, ST SQC G5	1
26	S01-312CB50-25	SCR, HHCS 0.3125-18 X 2.50, ST SQC G5	3
27	S01-A00CC50-25	SCR, HHCS 1.00-8 X 3.50, ST SQC G5	2
28	S01-A25CJ00-Y8	SCR, HHCS 1.25-7 X 9.00, ST SQC G8	2
29	SHF-500CA00-25	SCR, HHCS FT 0.50-13 X 1.00, ST SQC G5	8
30	SL5-190CA50-20	SCR, CREC RND MS 10-24 X 1.50, ST SQC	2
31	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST SQC	1
32	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST SQC	3
33	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	8
34	WAN-25NX000-20	WSH, FL TYP A-NRW 0.25, ST SQC	1
35	WAN-50NX000-20	WSH, FL TYP A-NRW 0.50, ST Z	8
36	WAR-190X000-22	WSH, FL TYP A-REG 10, ST SQC G2	4
37	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



COUNTERWEIGHT MOUNT ASSEMBLY, 3,400 LBS

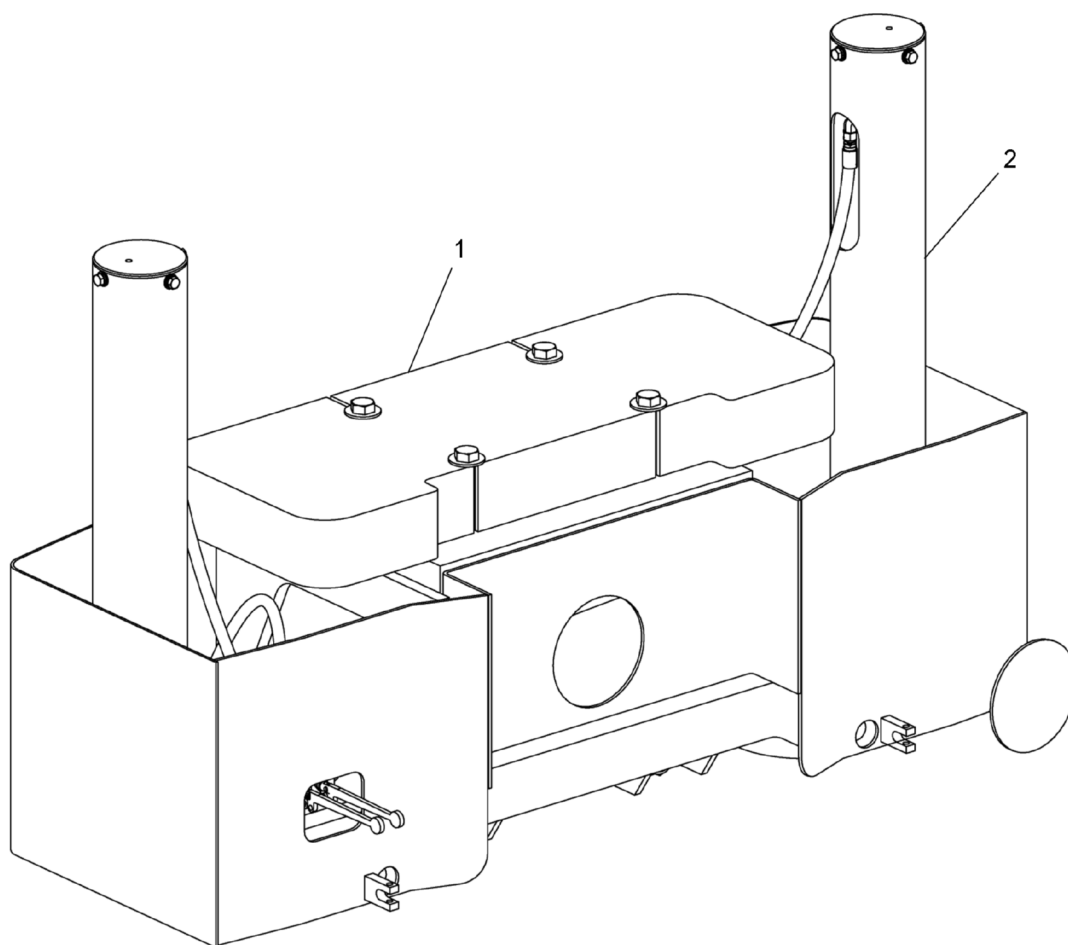
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T109490 (Rev. A)	4,500 LB. Counterweight W/O AUX Winch	
1	717A1146-1	CTWT Slab, 1100 LB.	1
2	T109489	Counterweight Mount Assembly, 3,400 LBS (see page 90)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



4,500 LB. COUNTERWEIGHT W/O AUX WINCH

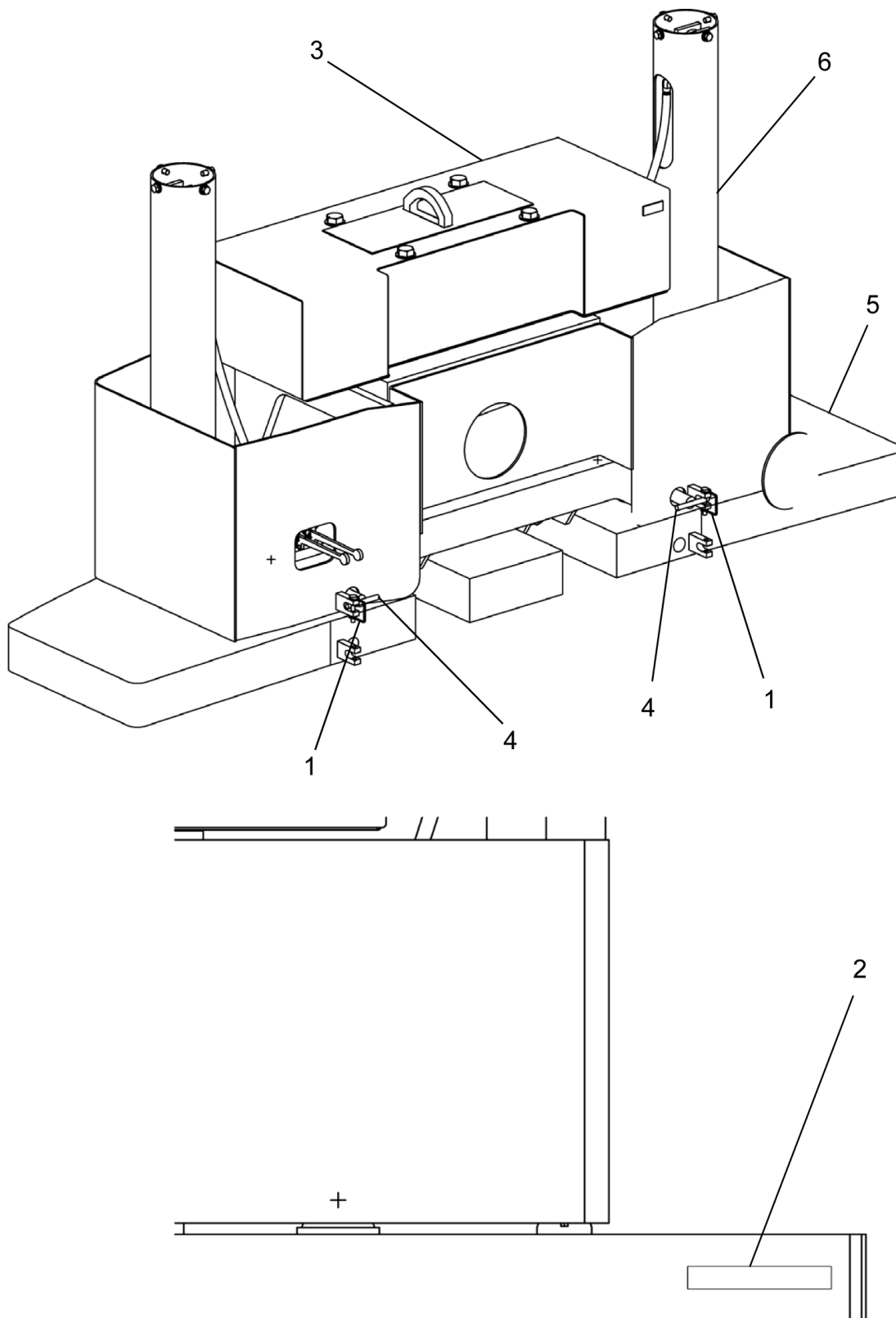
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



7,500 LB. COUNTERWEIGHT W/O AUX WINCH

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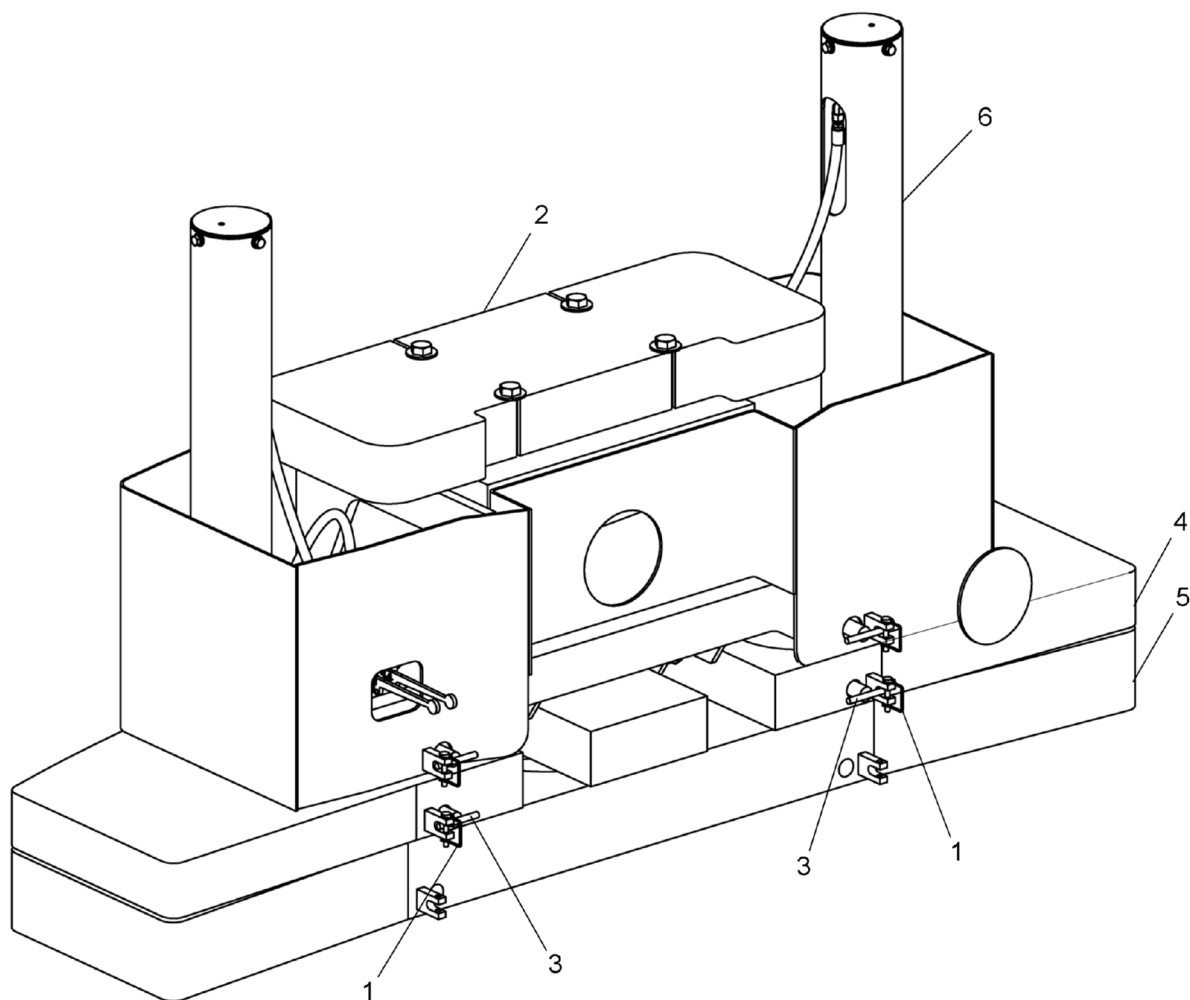
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T109492 (Rev. B)	7,500LB CTWT Assembly	
1	1222-352	Pin Safety Snap	2
2	12400-1076	Decal, 3,000 LBS	1
3	717A1146-1	CTWT Slab, 1100 LB.	1
4	717F0313	Pin, CTWT W/C	2
5	717F1147	Slab, 3000 LB.	1
6	T109489	Counterweight Mount Assembly, 3,400 LBS (see page 90)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	7,500 LB. COUNTERWEIGHT W/O AUX WINCH	DATE: Revised 09-2017	CHAPTER 1
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REF	PART NO.	DESCRIPTION	QTY
	T109494 (Rev. A)	11,500 LB. Counterweight W/O AUX Winch	
1	1222-352	Pin Safety Snap	4
2	717A1146-1	CTWT Slab, 1100 LB.	1
3	717F0313	Pin, CTWT W/C.....	4
4	717F1147	Slab, 3000 LB.	1
5	718F0828	4000LB CNWT	1
6	T109489	Counterweight Mount Assembly, 3,400 LBS (see page 90)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



11,500 LB. COUNTERWEIGHT W/O AUX WINCH

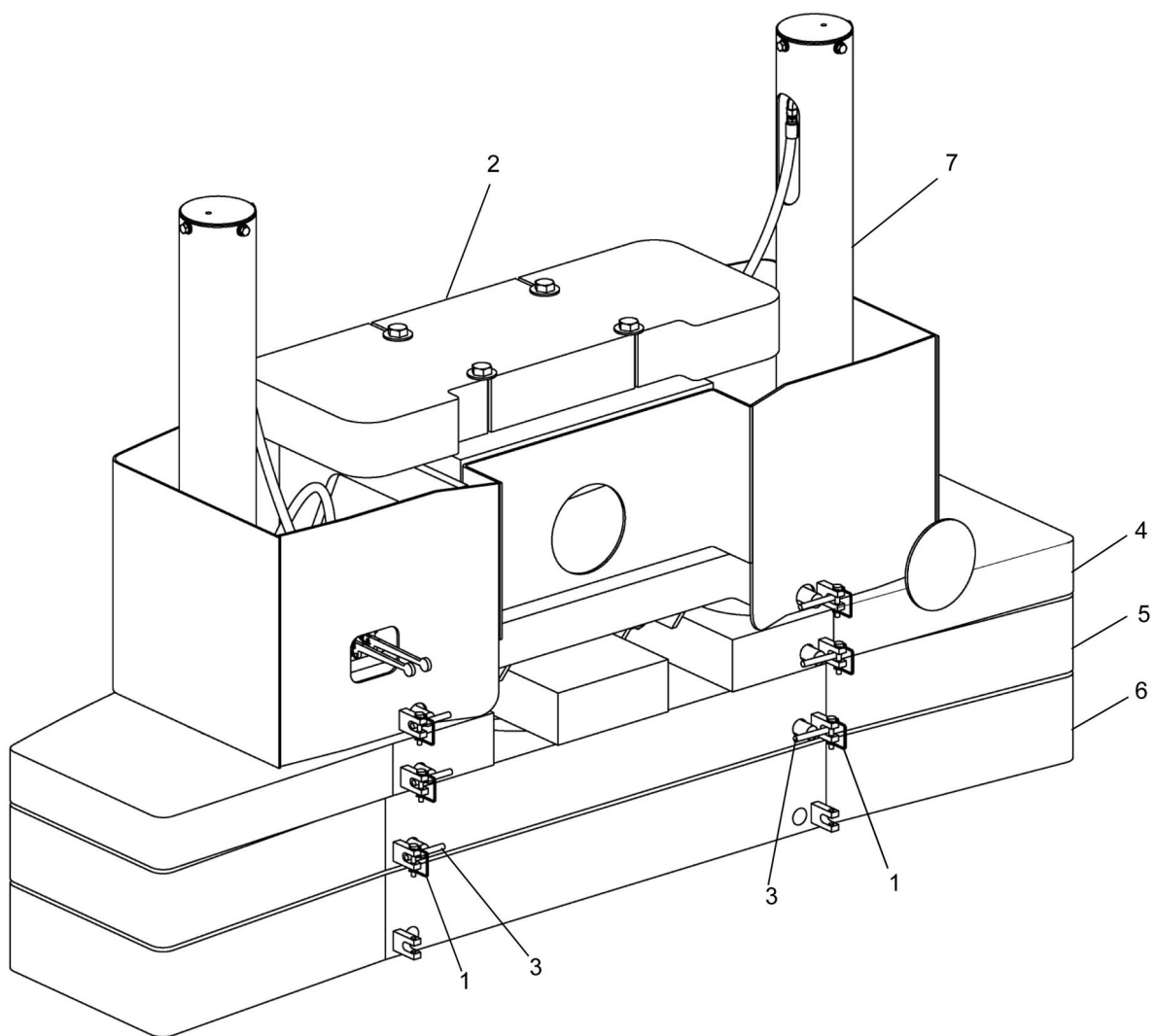
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REF	PART NO.	DESCRIPTION	QTY
	T109496 (Rev. A)	16,500 LB. Counterweight W/O AUX Winch	
1	1222-352	Pin Safety Snap	6
2	717A1146-1	CTWT Slab, 1100 LB.	1
3	717F0313	Pin, CTWT W/C.....	6
4	717F1147	Slab, 3000 LB.	1
5	718F0828	4000LB CNWT	1
6	718F0830	5000LB CNWT	1
7	T109489	Counterweight Mount Assembly, 3,400 LBS (see page 90)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



16,500 LB. COUNTERWEIGHT W/O AUX WINCH

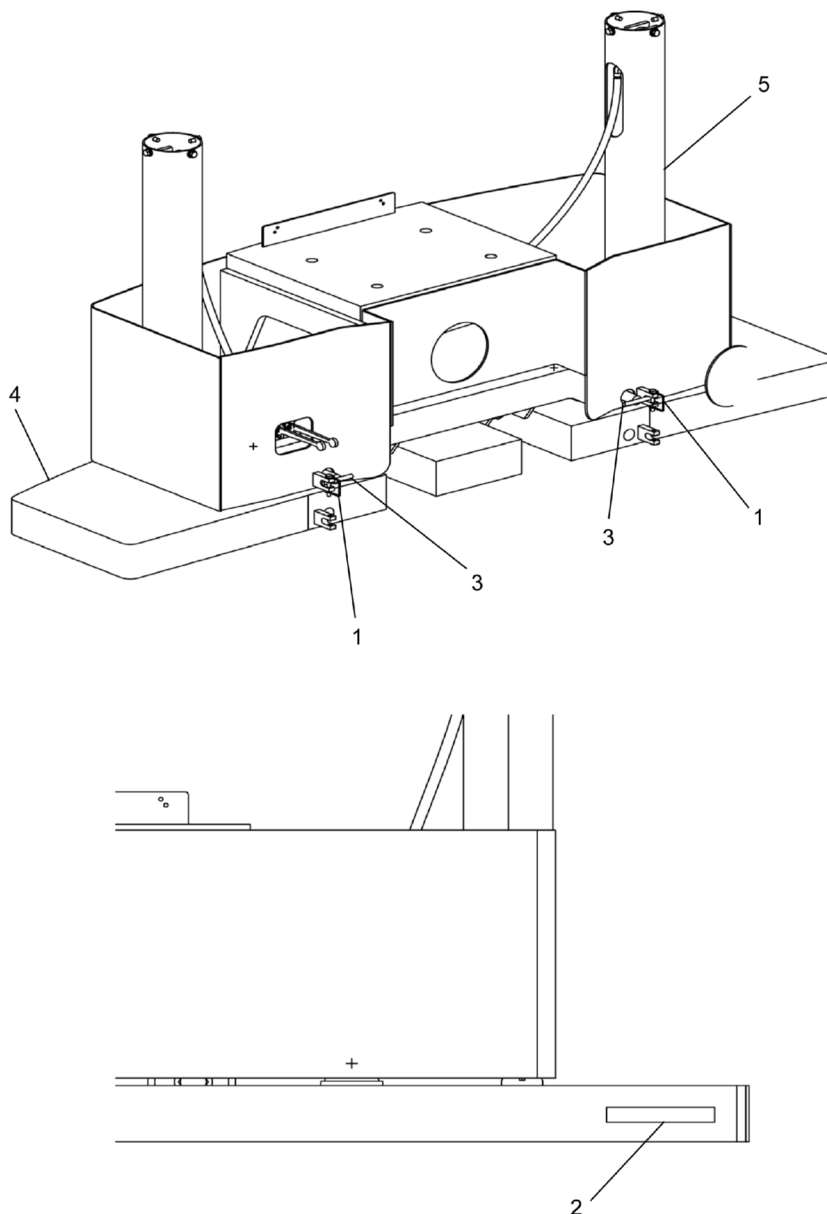
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REF	PART NO.	DESCRIPTION	QTY
	T109491 (Rev. B)	6,400 LB. Counterweight W/ AUX Winch	
1	1222-352	Pin Safety Snap	2
2	12400-1076	Decal, 3,000 LBS	1
3	717F0313	Pin, CTWT W/C	2
4	717F1147	Slab, 3000 LB.	1
5	T109489	Counterweight Mount Assembly, 3,400 LBS (see page 90)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



6,400 LB. COUNTERWEIGHT W/AUX WINCH

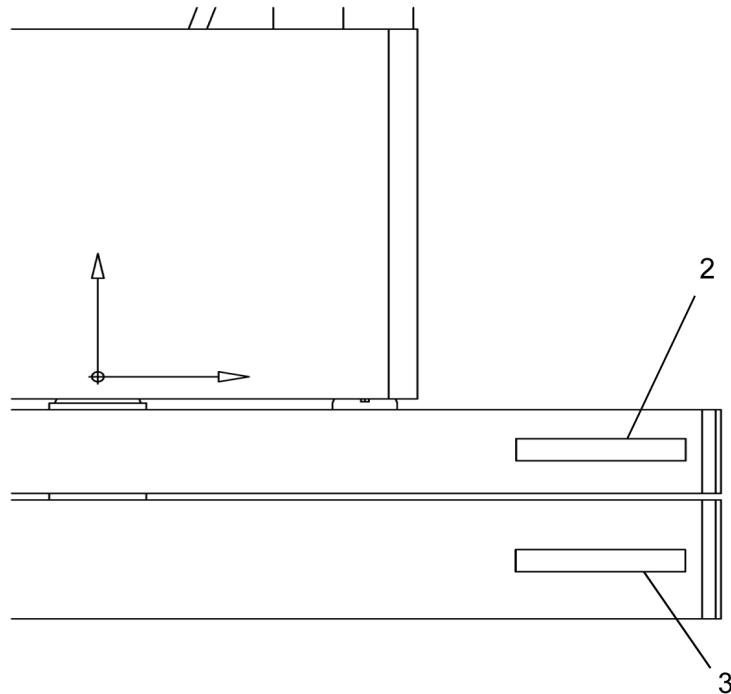
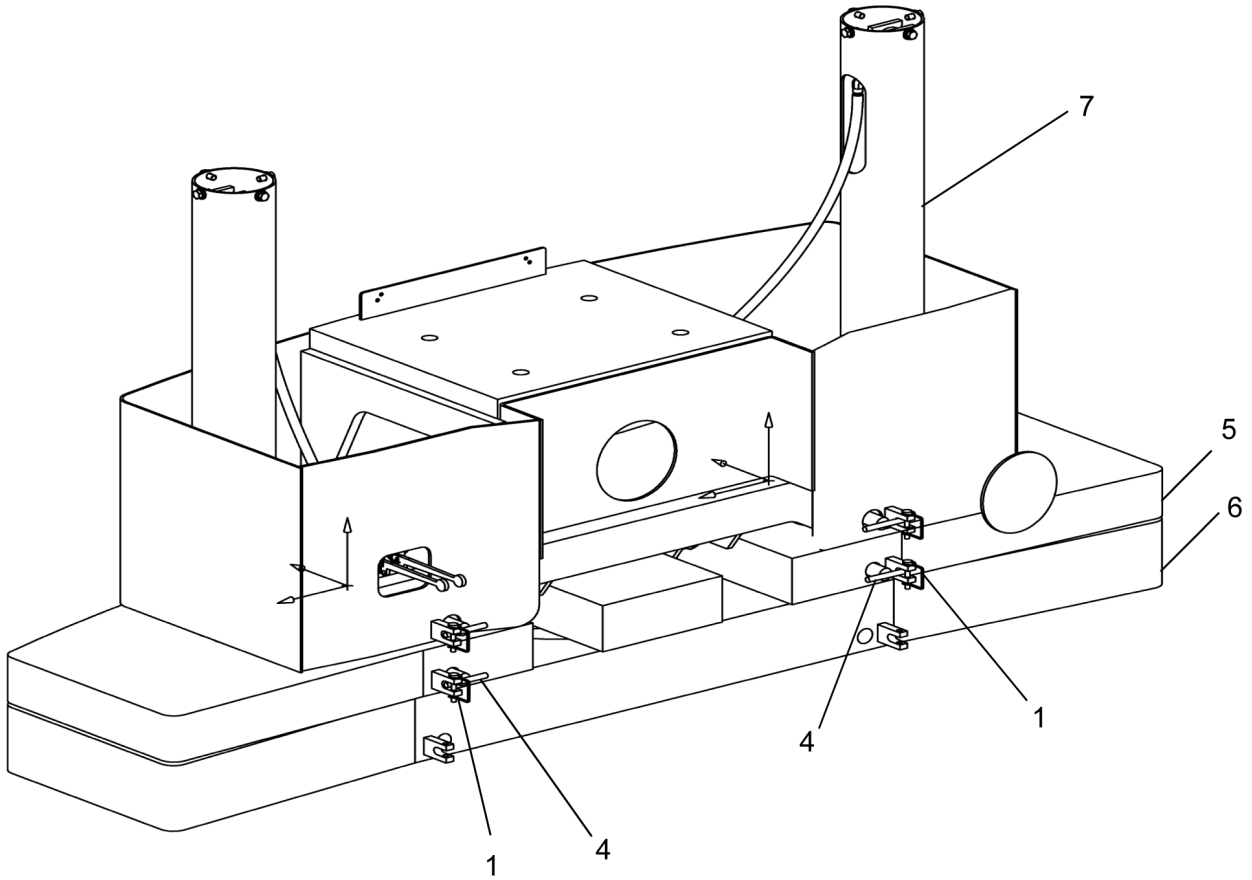
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10,400 LB. COUNTERWEIGHT W/AUX WINCH

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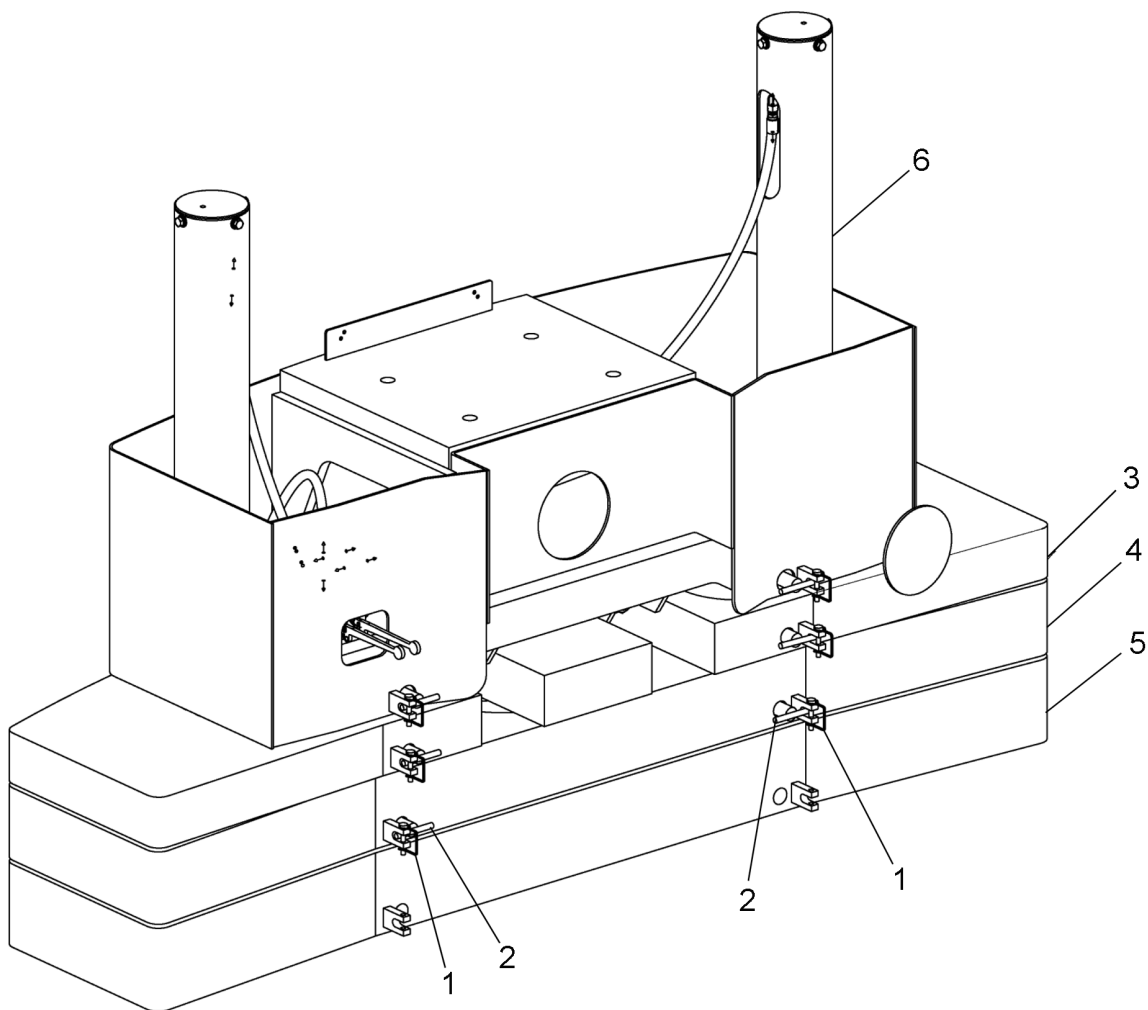
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T109493 (Rev. B)	10,400LB CTWT Assembly	
1	1222-352	Pin Safety Snap	4
2	12400-1076	Decal, 3,000 LBS	1
3	12400-986	Decal 4000 LBS T775	1
4	717F0313	Pin, CTWT W/C	4
5	717F1147	Slab, 3000 LB.	1
6	718F0828	4000LB CNWT	1
7	T109489	Counterweight Mount Assembly, 3,400 LBS (see page 90)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	10,400 LB. COUNTERWEIGHT W/AUX WINCH	DATE: Revised 09-2017	CHAPTER 1
		MODEL: 60-110	
		PAGE: 99	



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T109495 (Rev. B)	15,400 LB. Counterweight W/ AUX Winch	
1	1222-352	Pin Safety Snap	6
2	717F0313	Pin, CTWT W/C	6
3	717F1147	Slab, 3000 LB.	1
4	718F0828	4000LB CNWT	1
5	718F0830	5000LB CNWT	1
6	T109489	Counterweight Mount Assembly, 3,400 LBS (see page 90)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



15,400 LB. COUNTERWEIGHT W/AUX WINCH

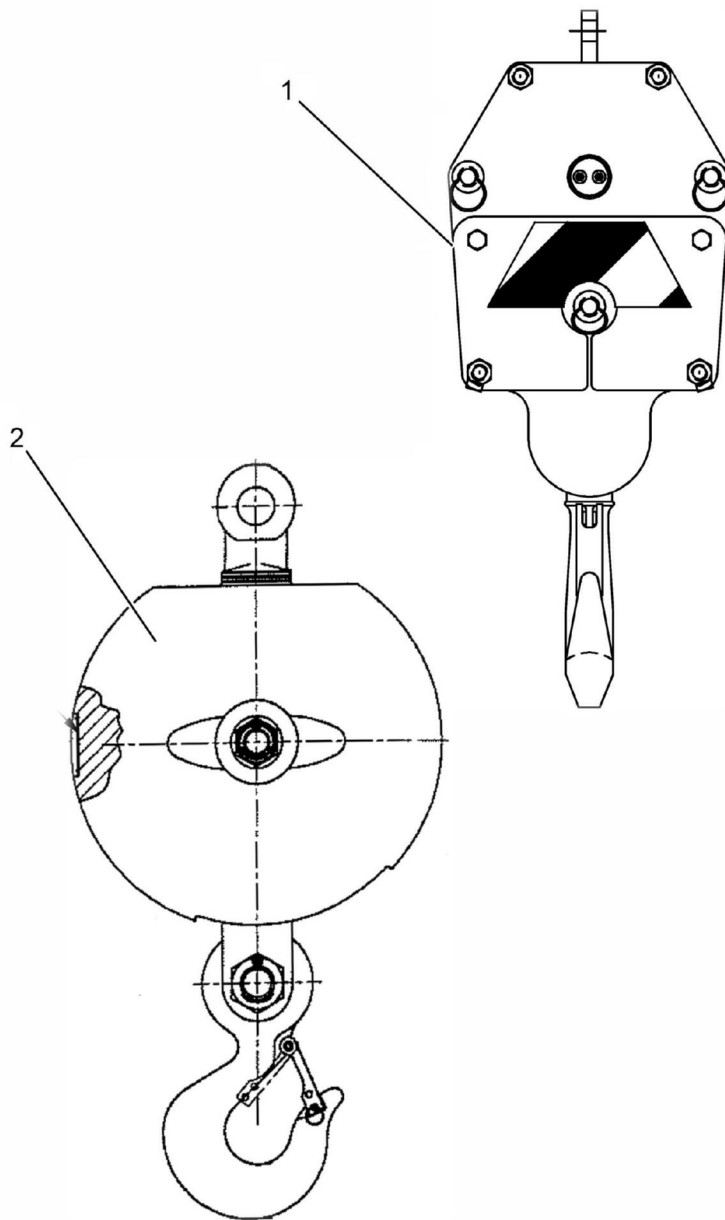
DATE: Released 08-2011

MODEL: 60-110

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK & WIRE ROPE OPTIONS

DATE: Revised 03-2019

MODEL: 60-110

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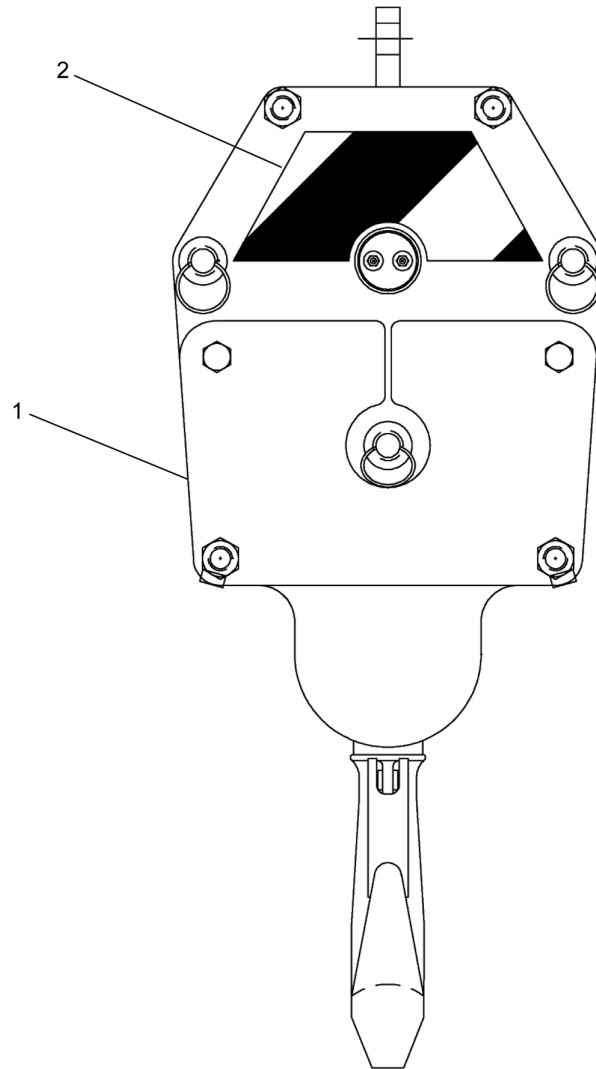
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
		XO 6000-HOOK BLOCK* (Rev. <i>Hook Block & Wire Rope Options</i> 00)	
1	T112209	Hook Block ASSY 3 Sheave 30 Ton (see page 103)	1
1A	T112211	Hook Block Assembly 4 Sheave 40 Ton (see page 106)	1
1B	T112251	Hook Block ASSY 5 Sheave 60 Ton (see page 109)	1
1C	T112263	Hook Block Assembly (see page 112)	1
1D	T112204	Hook Block ASSY 2 Sheave 25 Ton (see page 115)	1
2	410-4064	Overhaul Ball, 12 Ton, 240#, 5/8" (see page 118)	1
3	410-4066	Overhaul Ball, 7 Ton, 250#, 5/8" (see page 120)	1
4**	717A0841	Cable, 5/8 x 500' Regular Lay (see page 122)	1
4A	710A0572	Rotate-Resist Cable 58 X 500 (see page 125)	1

* NOT PURCHASABLE AT THIS LEVEL
** ITEM NOT SHOWN IN ILLUSTRATION.

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	HOOK BLOCK & WIRE ROPE OPTIONS	DATE: Revised 03-2019	CHAPTER 1
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T112209 (Rev. A)	Hook Block ASSY 3 Sheave 30 Ton	
1	410-4057	Hook Block, 3 Sheave 30 Ton (see page 104)	1
2	1006865	Decal, Hook Block	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK ASSEMBLY 3 SHEAVE / 30 TON

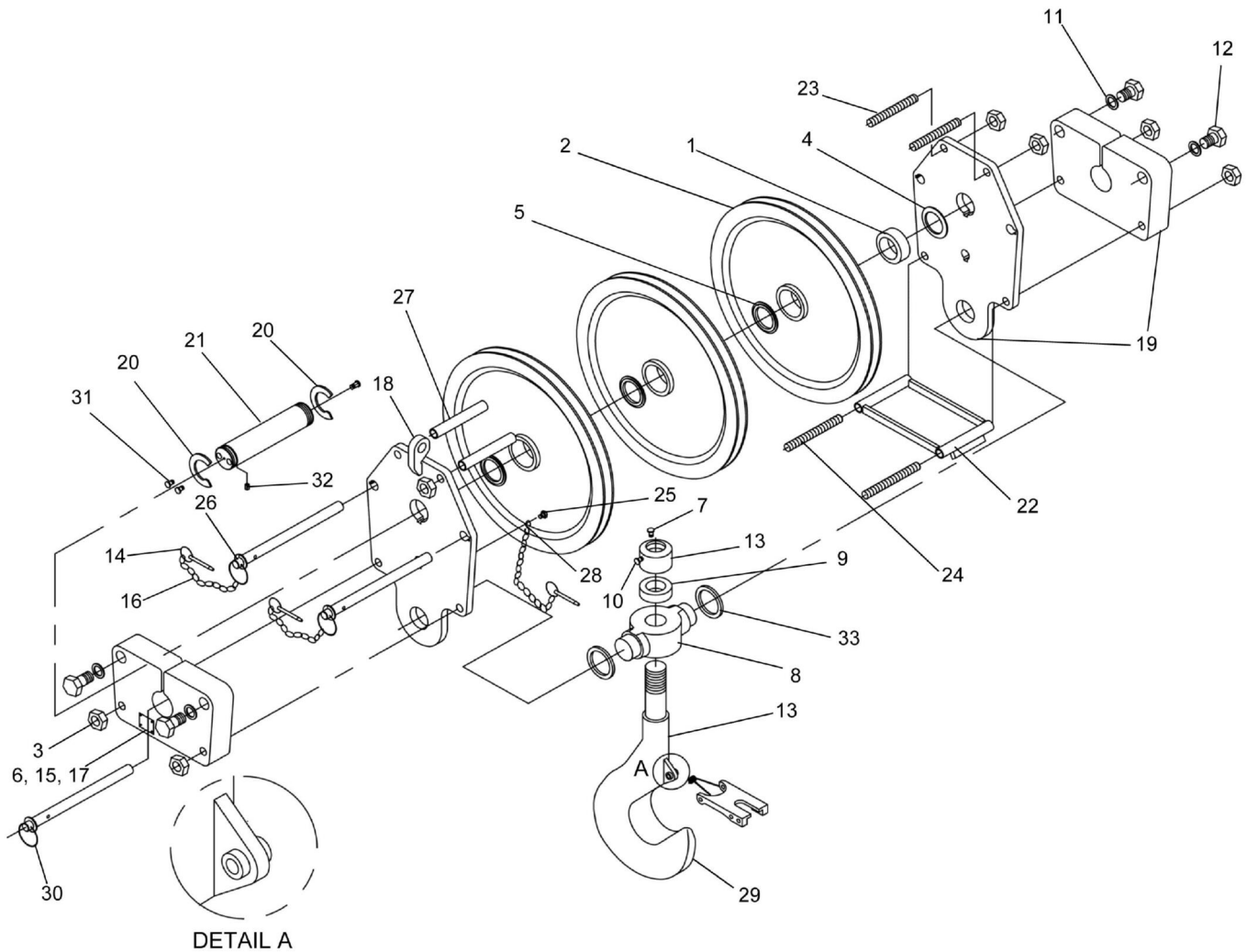
DATE: Released 08-2011

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK 3 SHEAVE / 30 TON

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REF	PART NO.	DESCRIPTION	QTY
	410-4057 (Rev. 00)	Hook Block, 3 Sheave 30 Ton	
1	215278	Outer Ring & Roller Assembly	3
2	215279	SHV WC 14.00 X 3.25 ID X .75 TK	3
3	215280	-8Nut J 1	8
4	215281	Thrust Washer	2
5	215282	Thrust Washer	2
6	216955	Screw DR RD0.14OD X 0.25LGNC CD	14
7	215283	Set Screw	1
8	215284	Housing	1
9	215285	T251W RT BRG	1
10	215286	-28Fitting 1/4	1
11	215287	3/4" Washer	4
12	215288	3/4" Capscrew	4
13	215289	Hook & Nut	1
14	215290	Pin QK-REL0.38OD X 1.50LG ZNC	3
15	220253	CAUT Plate Load King	1
16	215291	Chain	A/R
17	220256	Name Plate Load King F/Block	1
18	215292	QRJ D End 1	1
19	215293	QRJ QN 14PL Group	1
20	215294	Retaining Ring	2
21	215295	Center Pin	1
22	215296	QR 14R Guide AY	1
23	215297	Tie-Bolt	2
24	215298	T Bolt 1.00OD X 14.5LG All THD	2
25	215307	3/8 Cap Screw	1
26	215299	9 L Pin 1 1/4	3
27	215300	Spacer	2
28	215301	S Hook	1
29	215302	Latch Kit	1
30	215303	2Ring Split	1
31	215304	Fitting 1/8NPT	3
32	215305	Pin SPIROL 0.25OD X 0.50LG	4
33	215306	Spacer	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK 3 SHEAVE / 30 TON

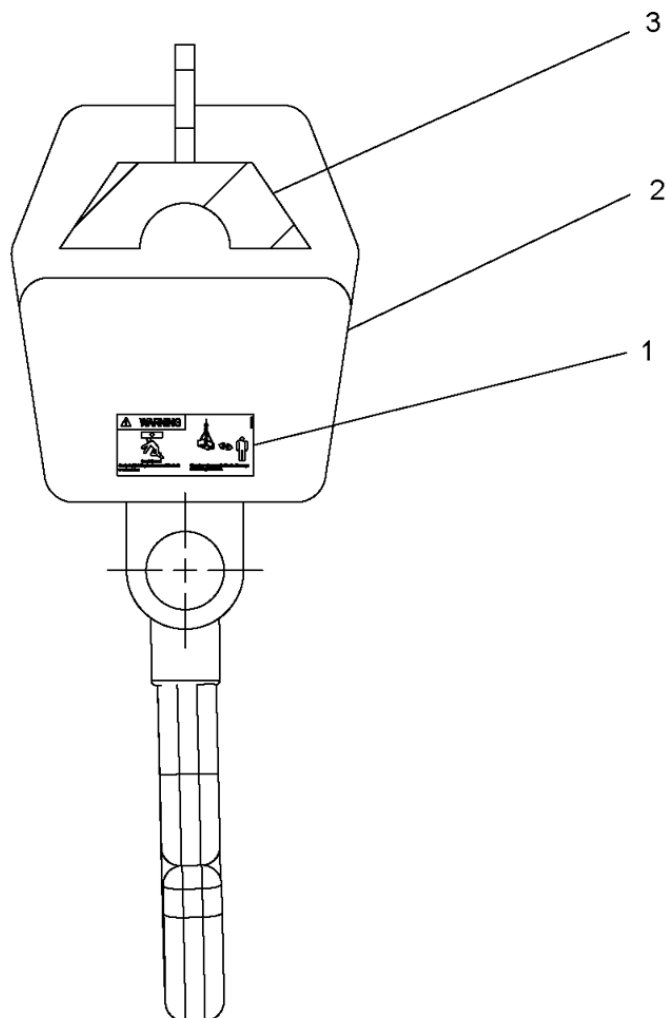
DATE: Released 08-2011

MODEL: 60-110

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T112211 (Rev. C)	<i>Hook Block Assembly 4 Sheave 40 Ton</i>	
1	T139673	Decal, Crush Hazard Stay Clear Of Load (HORZ) (English)	2
2	410-4059	Hook Block, 4 Sheave, 40 Ton 5/8 IN, 690 LB (see page 107)	1
3	1006865	Decal, Hook Block	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

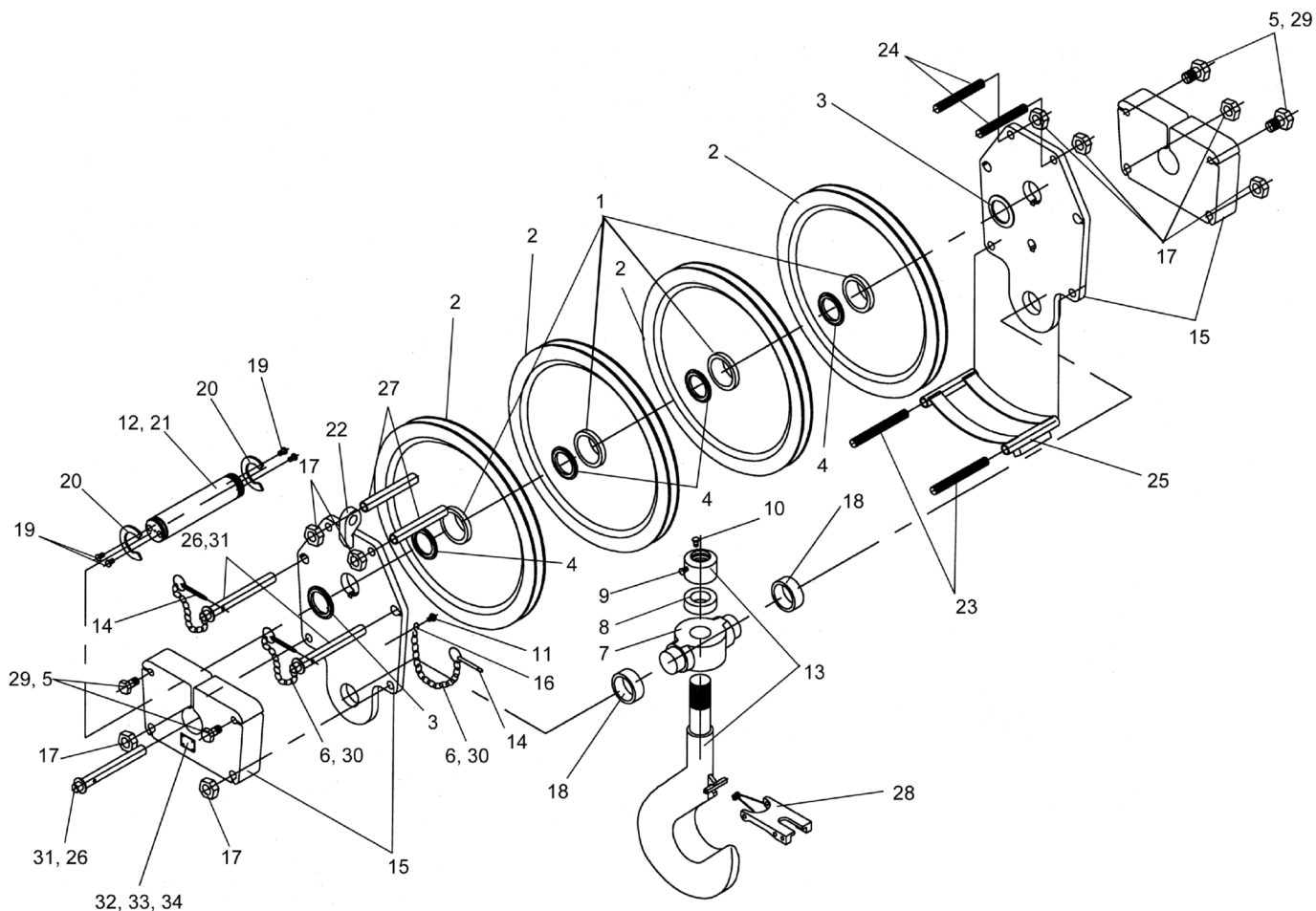


HOOK BLOCK ASSEMBLY 4 SHEAVE / 40 TON

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK 4 SHEAVE / 40 TON

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REF	PART NO.	DESCRIPTION	QTY
	410-4059 (Rev. M)	Hook Block, 4 Sheave, 40 Ton 5/8 IN, 690 LB	
1	215911	Outer Ring & Roller Assembly	4
2	215912	SHV WC 14.00 X 3.75 ID X .75 TK	4
3	215913	Thrust Washer	2
4	215914	Thrust Washer	3
5	215329	3/4" Capscrew	4
6	215291	Chain	3
7	215330	Housing	1
8	215285	T251W RT BRG	1
9	215286	-28Fitting 1/4	1
10	215283	Set Screw	1
11	215327	Screw Cap H X 0.38OD X 1.00LG NC	1
12	215337	Pin SPIROL 0.50OD X 1.00LG	1
13	215915	Hook & Nut	1
14	215290	Pin QK-REL0.38OD X 1.50LG ZNC.	3
15	215916	Plate Group	1
16	215301	S Hook	1
17	215280	-8Nut J 1	8
18	215306	Spacer	2
19	215304	Fitting 1/8NPT	4
20	215917	Retaining Ring	2
21	215918	Center Pin	1
22	215292	QRJ D End 1	1
23	215334	Tie-Bolt	2
24	215333	Tie-Bolt	2
25	215332	QR 14R Guide AY	1
26	215335	11 L Pin 1 1/4	3
27	215336	Spacer	2
28	215919	Latch Kit	1
29	215287	3/4" Washer	4
30	215303	2Ring Split	3
31	215305	Pin SPIROL 0.25OD X 0.50LG	3
32	220256	Name Plate Load King F/Block	1
33	220253	CAUT Plate Load King	1
34	216955	Screw DR RD0.14OD X 0.25LGNC CD.	14

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK 4 SHEAVE / 40 TON

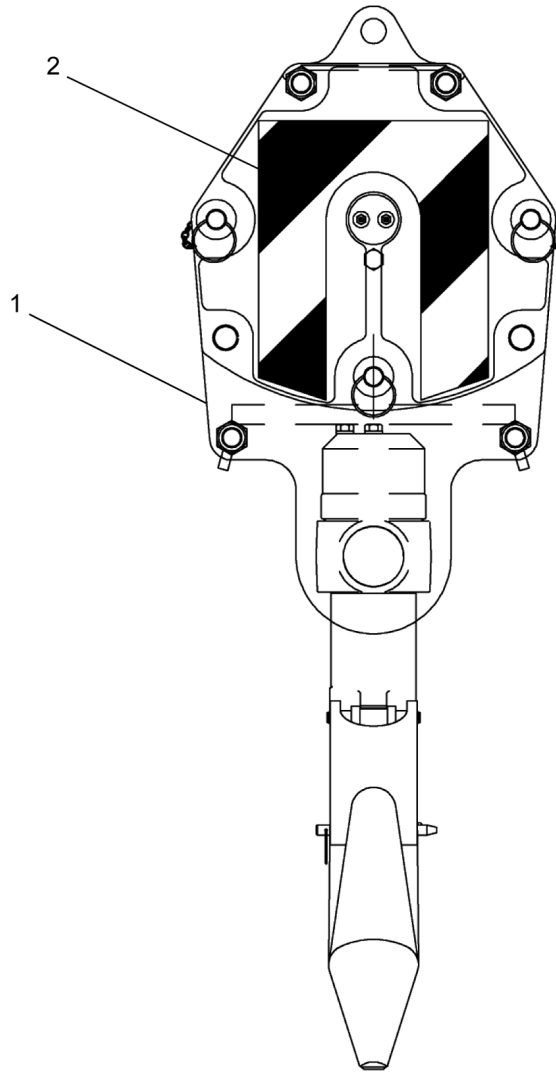
DATE: Revised 12-2017

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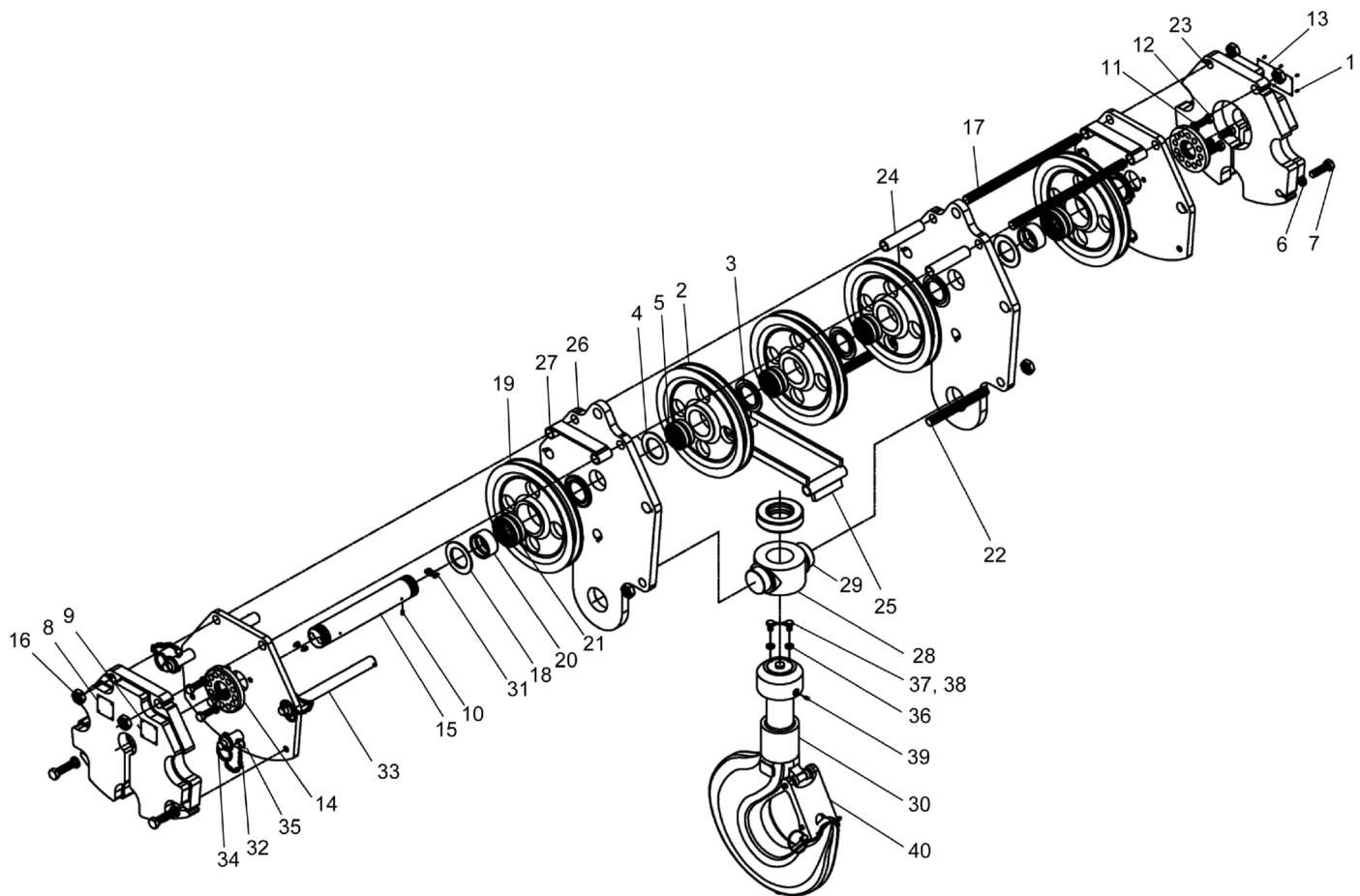
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T112251 (Rev. B)	Hook Block ASSY 5 Sheave 60 Ton	
1	T125818	Hook Block 5 Sheave 55MT (see page 110)	1
2	T105771	Decal, Hook Block	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	HOOK BLOCK ASSEMBLY 5 SHEAVE / 60 TON	DATE: Revised 08-2012	CHAPTER 1
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK 5 SHEAVE / 60 TON

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REF	PART NO.	DESCRIPTION	QTY
	T125818 (Rev. A)	Hook Block 5 Sheave 55MT	
1	216955	Screw DR RD0.14OD X 0.25LGNC CD	14
2	217870	SHV CST 13.81DX3.25ID	3
3	217871	Wash 4.00ODX2.53IDX0.35TKBR	2
4	217872	Wash TH 4.00ODX2.53IDX0.21TKBR	2
5	217873	BRG R 3.25ODX2.50IDX1.50WD	3
6	215287	3/4" Washer	4
7	217874	2SCR HX 3/4	4
8	217875	Name Plate Koehring	1
9	217876	CAUT Plate Koehring	1
10	215305	Pin SPIROL 0.25OD X 0.50LG	4
11	217877	L Wash 5/8	6
12	217878	1CS HX 5/8	6
13	217135	QRJ CAUT Plate	1
14	217879	-8Nut R 2.50 W/Holes	2
15	224264	QN C Pin 2.50ODX15.0LG	1
16	215280	-8Nut J 1	8
17	217881	T Bolt 1.00ODX17.8LG All THD	2
18	217882	Wash TH 4.00ODX2.53IDX0.25TKBR	4
19	217883	SHV CST 13.81DX3.75ID	2
20	217884	BRG IN 2.50IDX1.76WD	2
21	217885	BRG R 3.75ODX3.00IDX1.50WD	2
22	217886	T Bolt 1.00ODX9.00LG All THD	2
23	217887	QRJ 14CK WT AY 2.75	2
24	217888	Spacer 1.31ODX1.06IDX5.75LG	2
25	217889	QRJ 14R Guide AY	1
26	217890	QRQN 14PL Group	2
27	217891	ANC Block Stabilizer AY	2
28	217892	J QNHSG CSTG 3.56	1
29	217893	T302 RT BRG	1
30	217894	J 70HK&Nut AY	1
31	215304	Fitting 1/8NPT	5
32	217895	NO 3 MACH Twist Link Chain	3
33	217896	QRJ 13.42L Pin 1.25	3
34	215303	2Ring Split	3
35	215290	Pin QK-REL0.38OD X 1.50LG ZNC	3
36	217118	L Wash 1/2	2
37	217117	OSCR HX 1/2 LW	2
38	217119	1/32 STN Safty Wire	1
39	215286	-28Fitting 1/4	1
40	215910	55-70J Latch Kit Installed	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK 5 SHEAVE / 60 TON

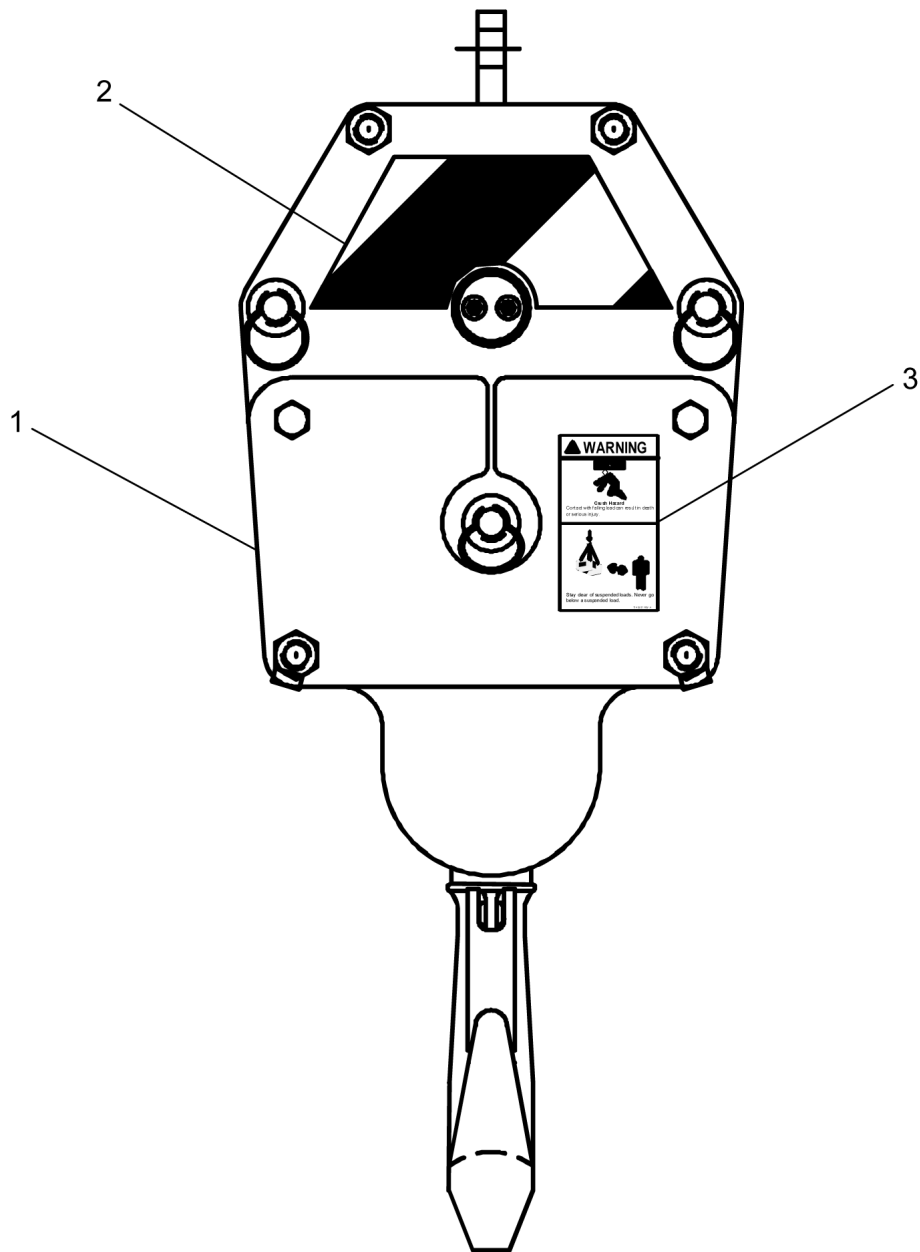
DATE: Revised 08-2012

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T112263 (Rev. B)	Hook Block Assembly	
1	T105932	Hook Block 4SHV 45T 5/8" 736LB (see page 113)	1
2	1006865	Decal, Hook Block	2
3	T140607	Decal, Stay Clear Load	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK ASSEMBLY, 4 SHEAVE, 45 TON

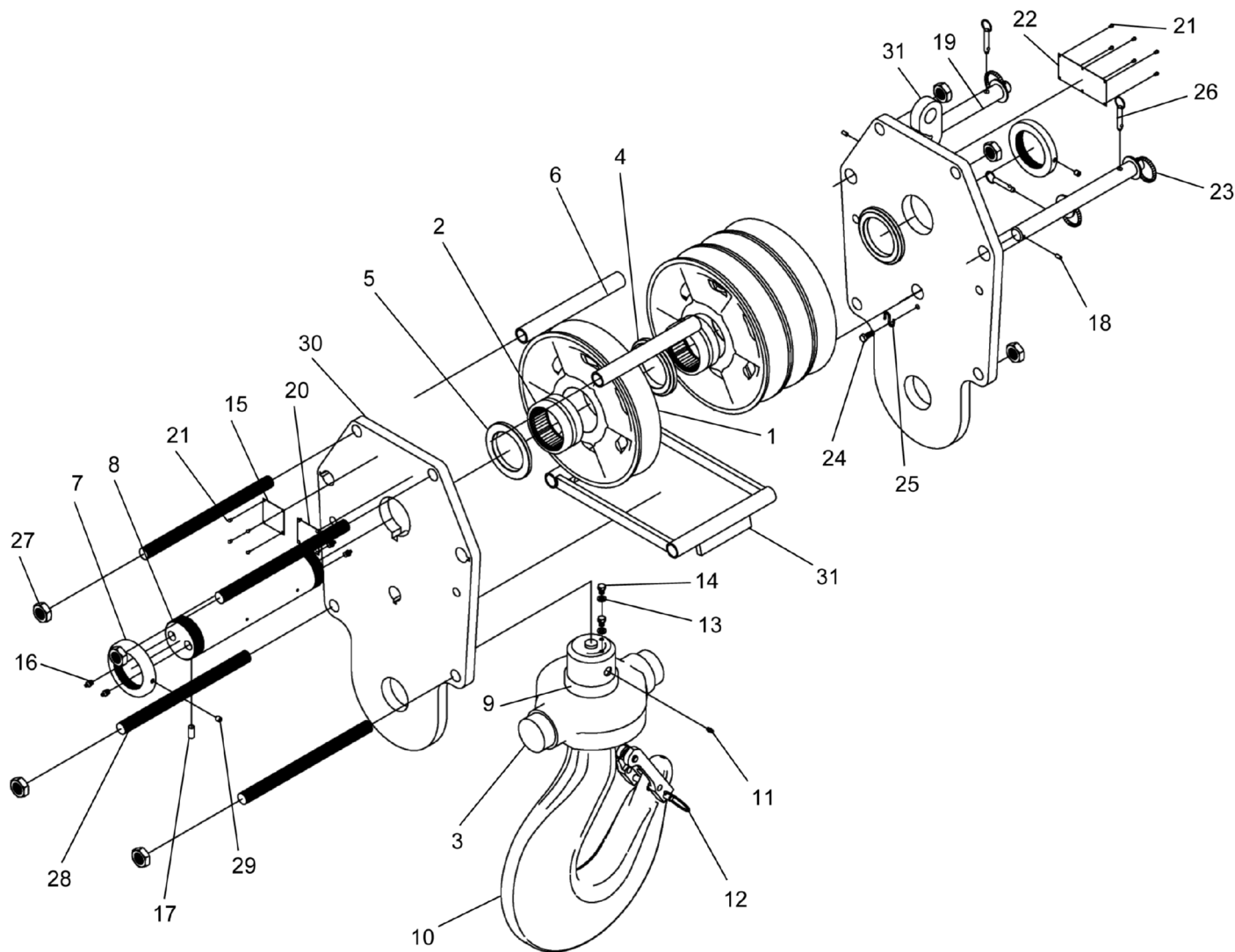
DATE: Revised 04-2018

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK, 4 SHEAVE, 45TON **5/8 IN, 736LB**

DATE: Released 04-2018

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REF	PART NO.	DESCRIPTION	QTY
	T105932 (Rev. A)	Hook Block 4SHV 45T 5/8" 736LB	
1	223043	250A 14SHV	4
2	223044	BRG R 4.500OD X 3.50ID X 2.00WD	4
3	223045	J SXHSG CAST	1
4	223046	Wash TH 5.00OD X 3.50ID X 0.72TKBR	3
5	223047	Wash TH 5.00OD X 3.50ID X 0.50TKBR	2
6	223048	SPR 1.32OD X 1.05ID X 11.3LG	2
7	223049	-8Nut R 31/2	2
8	223050	Pin Center3.50OD X 14.9LG-4	1
9	215285	T251W RT BRG	1
10	217900	J 55HK&Nut AY Short	1
11	215286	-28Fitting 1/4	1
12	215910	55-70J Latch Kit Installed	1
13	217899	L Wash 3/8	2
14	217898	Screw Cap H X 0.38OD X 0.50LG NC	2
15	220256	Name Plate Load King F/Block	1
16	215304	Fitting 1/8NPT	4
17	215337	Pin SPIROL 0.50OD X 1.00LG	1
18	215305	Pin SPIROL 0.25OD X 0.50LG	3
19	223051	Pin QK Reeve 1.25OD X 13.31LG	3
20	220253	CAUT Plate Load King	1
21	216955	Screw DR RD0.14OD X 0.25LGNC CD.	10
22	217135	QRJ CAUT Plate	1
23	215303	2Ring Split	3
24	215327	Screw Cap H X 0.38OD X 1.00LG NC	1
25	215301	S Hook	1
26	215290	Pin QK-REL0.38OD X 1.50LG ZNC.	3
27	215280	-8Nut J 1	8
28	215298	T Bolt 1.00OD X 14.5LG All THD	4
29	215898	Screw Set SC0.38OD X 0.50LGNC CN.	2
30	223052	QRJ Q14 PL Group	1
31	215292	QRJ D End 1	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK, 4 SHEAVE, 45TON 5/8 IN, 736LB

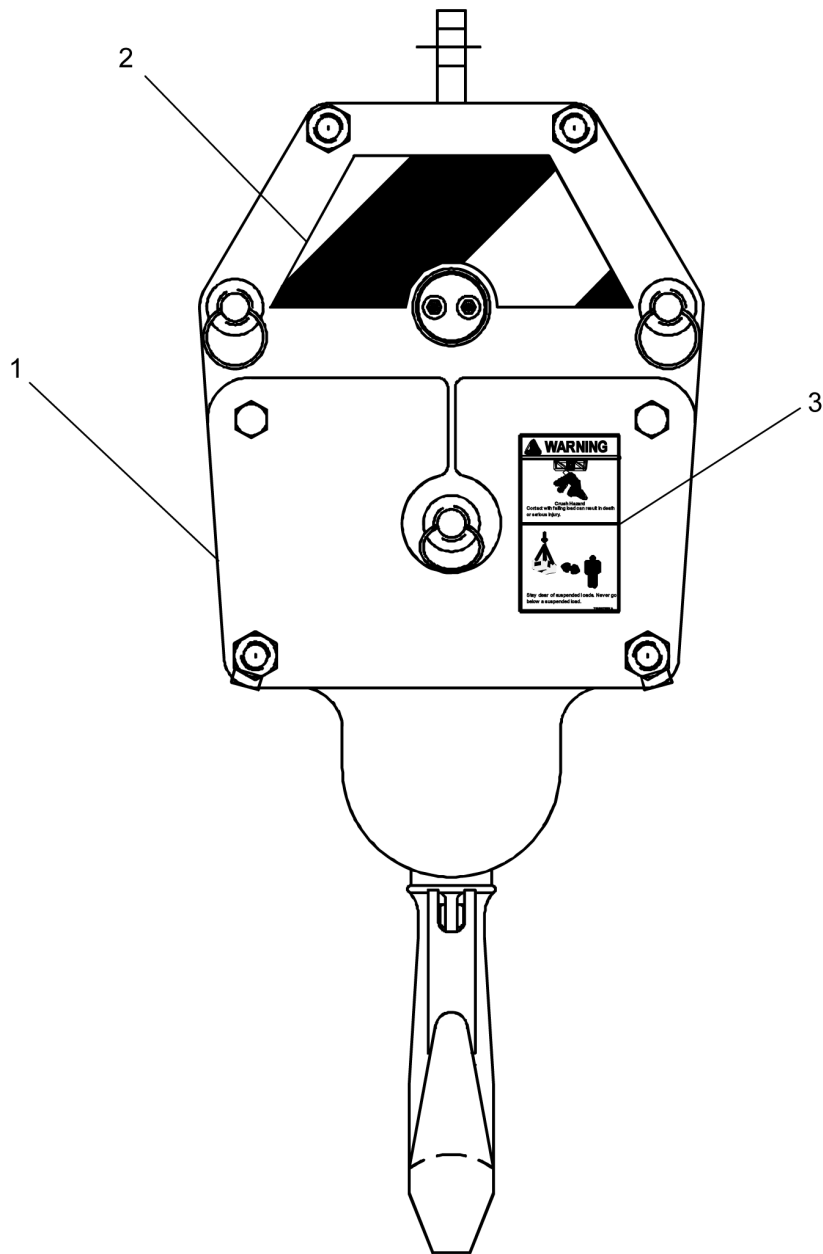
DATE: Released 04-2018

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T112204 (Rev. B)	Hook Block ASSY 2 Sheave 25 Ton	
1	410-4055	Hook Block, 2 Sheave, 25 Ton (Gunnebo-Johnson) (see page 116)	1
2	1006865	Decal, Hook Block	2
3	T140607	Decal, Stay Clear Load	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK ASSEMBLY, 2 SHEAVE, 25 TON

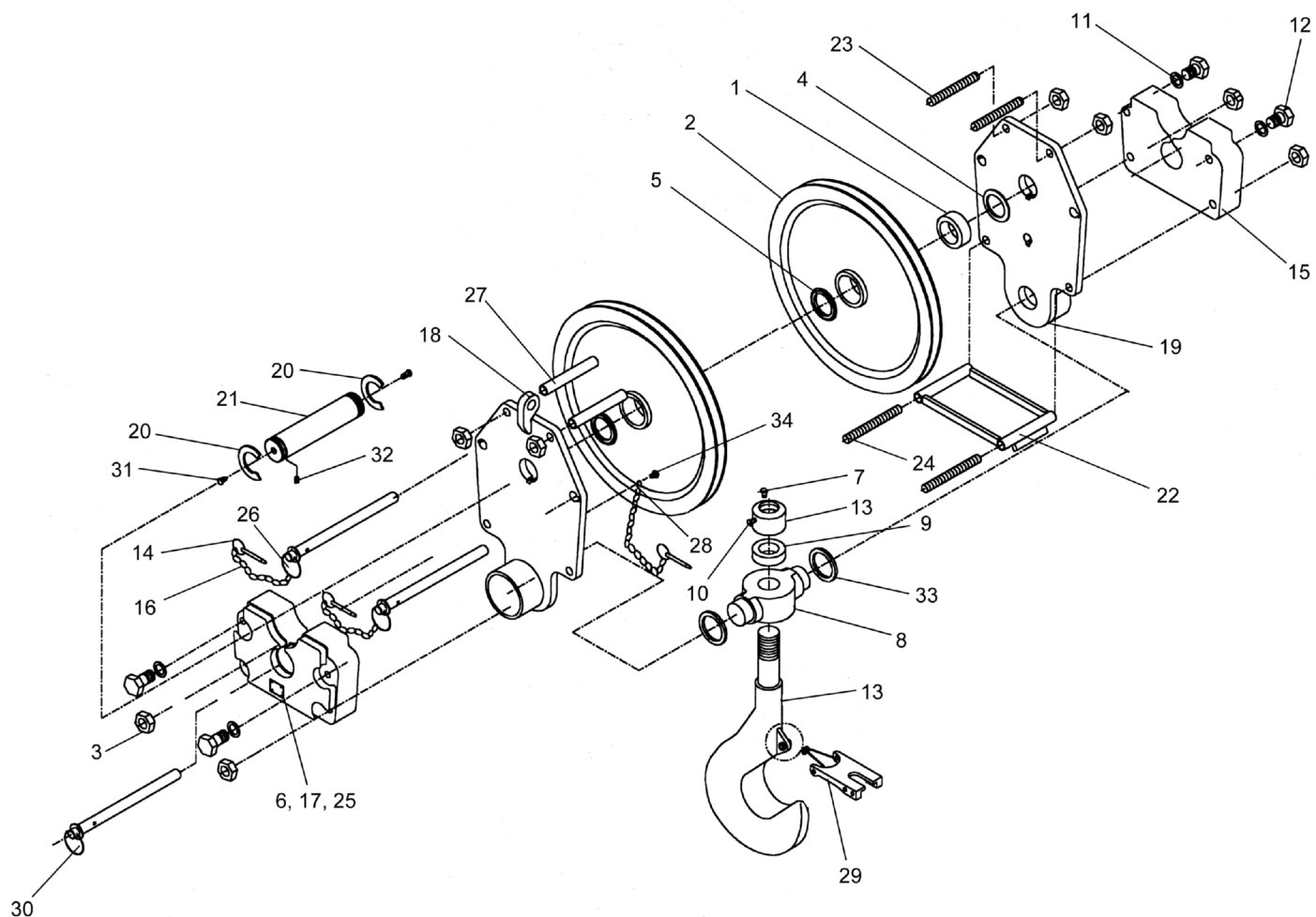
DATE: Revised 04-2018

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK, 2 SHEAVE, 25TON **5/8 IN, 682LB** **(GUNNEBO-JOHNSON)**

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REF	PART NO.	DESCRIPTION	QTY
	410-4055 (Rev. Q)	Hook Block, 2 Sheave, 25 Ton (Gunnebo-Johnson)	
1	215278	Outer Ring & Roller Assembly	2
2	215279	SHV WC 14.00 X 3.25 ID X .75 TK	2
3	215280	-8Nut J 1	8
4	215309	Thrust Washer	2
5	215310	Thrust Washer	1
6	216955	Screw DR RD0.14OD X 0.25LGNC CD	14
7	215283	Set Screw	1
8	215311	Housing	1
9	215312	Thrust Bearing	1
10	215286	-28Fitting 1/4	1
11	215287	3/4" Washer	4
12	217134	3/4" Capscrew	4
13	215314	Hook & Nut	1
14	215290	Pin QK-REL0.38OD X 1.50LG ZNC	3
15	220598	QRJ 14CK WT AY	2
16	215291	Chain	3
17	220253	CAUT Plate Load King	1
18	223053	Dead End	1
19	223054	QJ QN 14PL Group W/Stabilizer	1
20	215294	Retaining Ring	2
21	215317	Center Pin	1
22	215318	QR 14R Guide AY	1
23	215319	Tie-Bolt	2
24	223055	Tie-Bolt	2
25	220256	Name Plate Load King F/Block	1
26	215321	6 L Pin 1 1/4	3
27	215322	Spacer	2
28	215301	S Hook	1
29	215323	Latch Kit	1
30	215303	2Ring Split	3
31	215304	Fitting 1/8NPT	2
32	215305	Pin SPIROL 0.25OD X 0.50LG	4
33	215326	Spacer	2
34	215327	Screw Cap H X 0.38OD X 1.00LG NC	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK, 2 SHEAVE, 25TON
5/8 IN, 682LB
(GUNNEBO-JOHNSON)

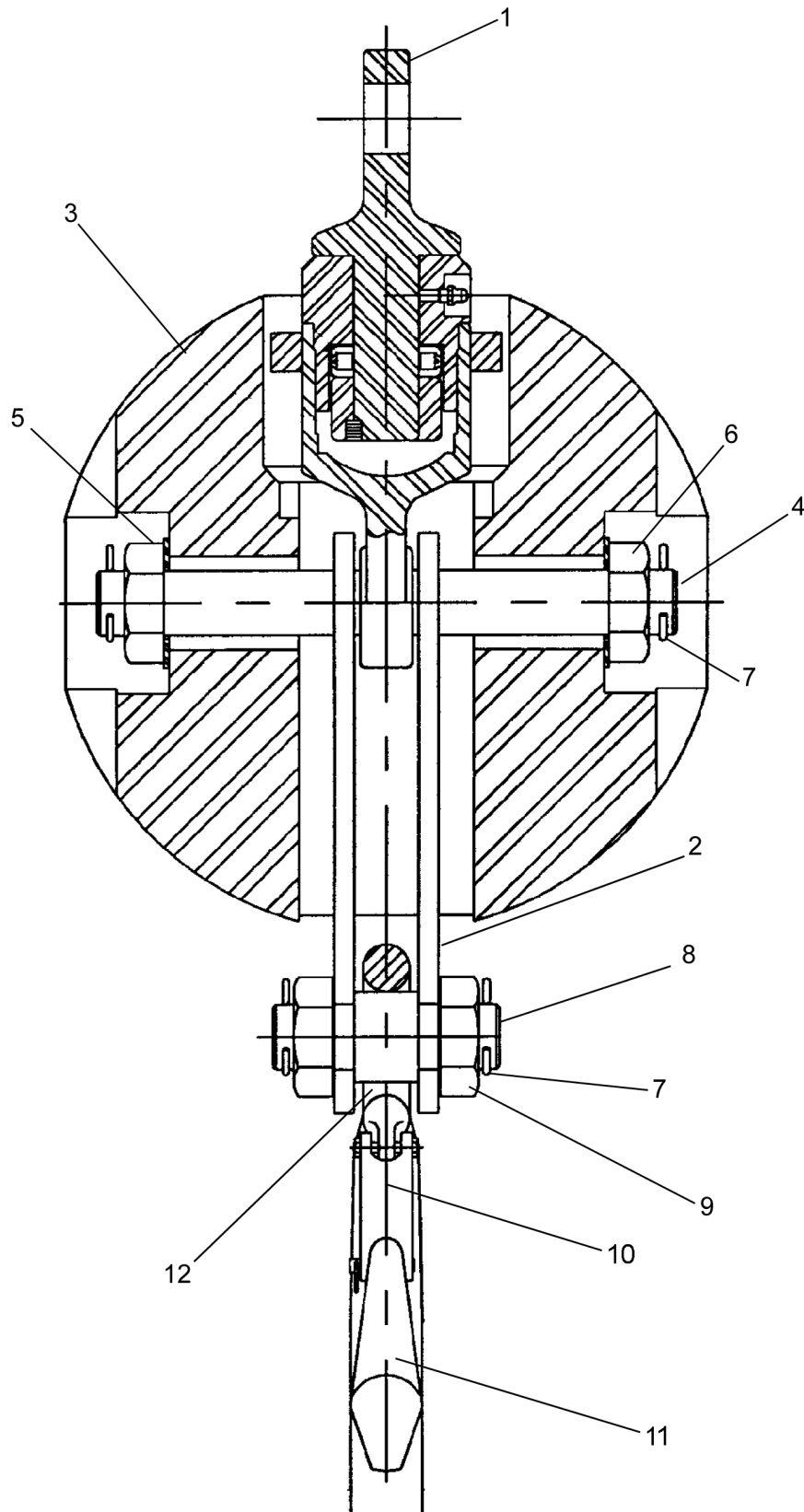
DATE: Released 04-2018

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OVERHAUL BALL 240#

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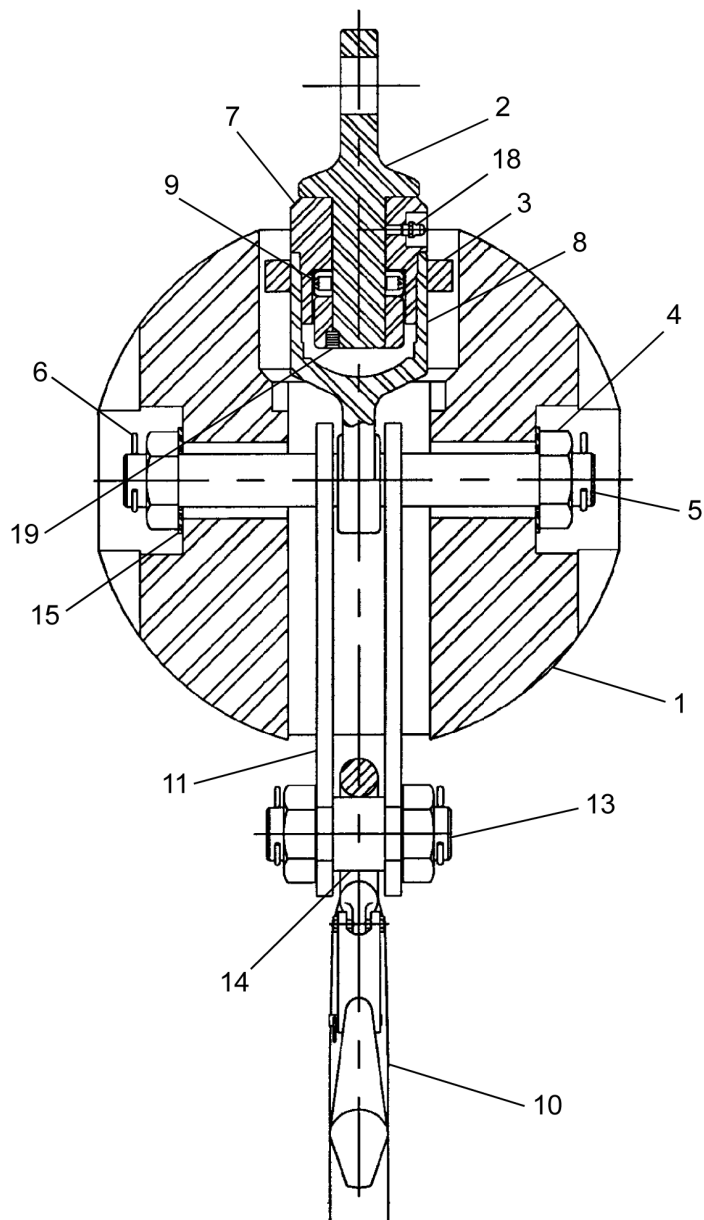
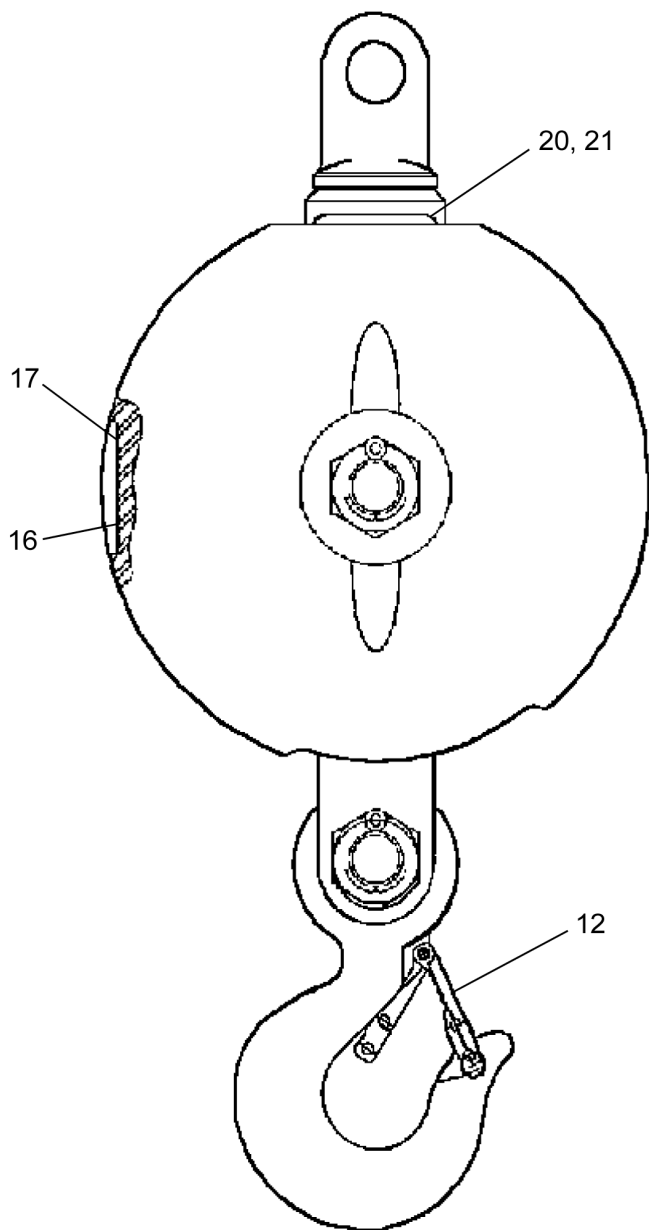
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	410-4064 (Rev. 00)	<i>Overhaul Ball, 12 Ton, 240#, 5/8"</i>	
1	215396	Swivel	1
2	215397	Adapter Bar 3/8	2
3	215394	Overhaul Ball	1
4	215395	OBH 11L Pin 11/4	2
5	215386	Washer 11/4	2
6	215387	-7 Nut J 11/4	2
7	215398	Cotter Pin 1/4	2
8	215399	Hook Latch Pin	1
9	215400	Jam Nut 1-5/8	2
10	215401	Replacement Hook Latch Kit	1
11	215402	Eye Hook	1
12	215403	Spacer 1-1/4	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	OVERHAUL BALL 240#	DATE: Released 08-2011	CHAPTER 1
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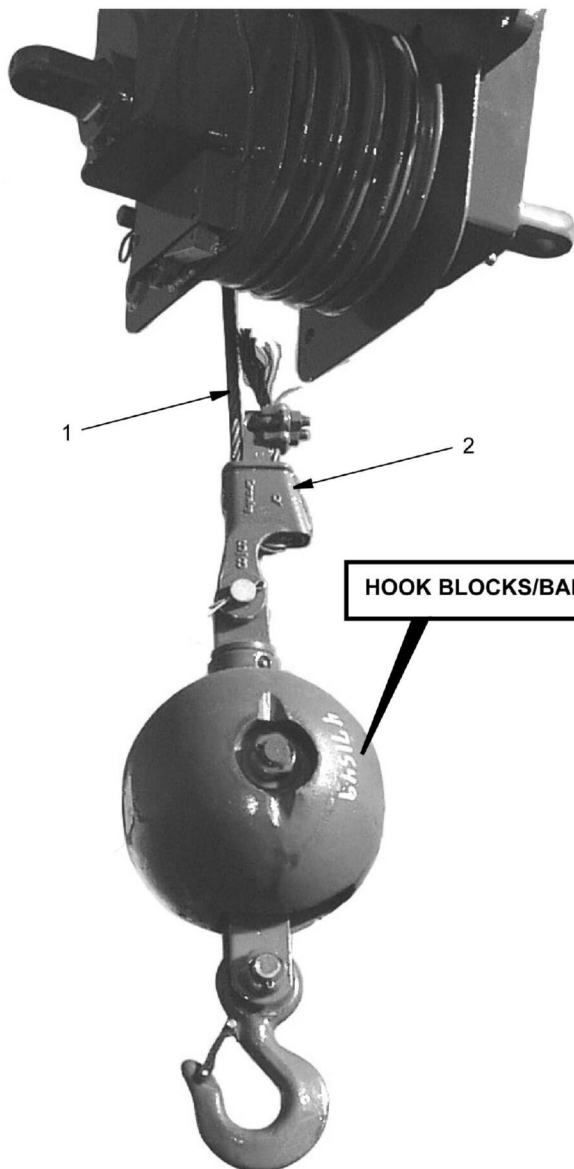
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	410-4066 (Rev. D)	Overhaul Ball, 7 Ton, 250#, 5/8"	
1	216949	OBH220 Ball	1
2	216950	7Eye & Nut	1
3	216951	7EE200C Ring	1
4	215387	-7 Nut J 11/4	4
5	215395	OBH 11L Pin 11/4	1
6	215388	1 Cotter 3/16	4
7	216952	7 HSG BOT	1
8	216953	7 TOP W/Eye	1
9	216958	T126 RT BRG	1
10	215391	7 Eye HK A 7	1
11	215393	OBH ADP B 3/8	2
12	219129*	A-7J Latch Kit STL	1
13	215389	OHB 4L Pin 11/4	1
14	215392	1 SPR 11/4	1
15	215386	Washer 11/4	2
16	216954	Name Plate	1
17	216955	Screw DR RD0.14OD X 0.25LGNC CD	8
18	215286	-28Fitting 1/4	1
19	216959	OS SCR 5/16	2
20	216956	7EE Name Plate	1
21	216957	SWV CAUT Plate (Other Side)	1

* FOR REPLACEMENT KIT, ORDER LATCH KIT ASSEMBLY 215390.

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	OVERHAUL BALL 250#	DATE: Revised 05-2017	CHAPTER 1
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CAUTION

UNDER NO CONDITION CAN ANY OTHER SIZE, TYPE, OR LENGTH OF WIRE ROPE BE USED ON THIS EQUIPMENT SINCE IT CONSTITUTES A SAFETY HAZARD.

- WIRE ROPE -

Standard Wire Rope

5/8" - 35,800 Lbs. Minimum Breaking Strength

- WIRE ROPE - OPTIONAL

Rotation Resistant Wire Rope

5/8" - 45,400 Lbs. Minimum Breaking Strength

REF	PART NO.	DESCRIPTION	QTY
	717A0841 (Rev. 00)	Cable, 5/8 x 500' Regular Lay	
1	12151-500	Rope, Wire	1
2	709A6192	Wedge & Socket Assembly, 5/8" (see page 123)	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



WIRE ROPE, REGULAR LAY

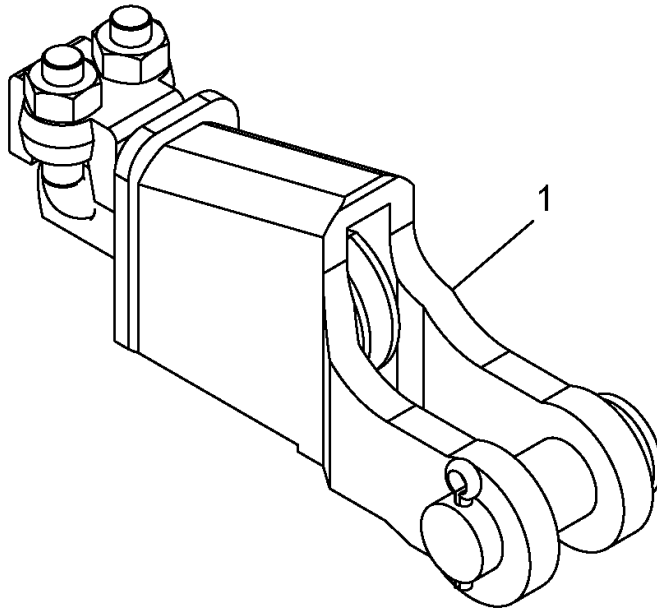
DATE: Revised 10-2015

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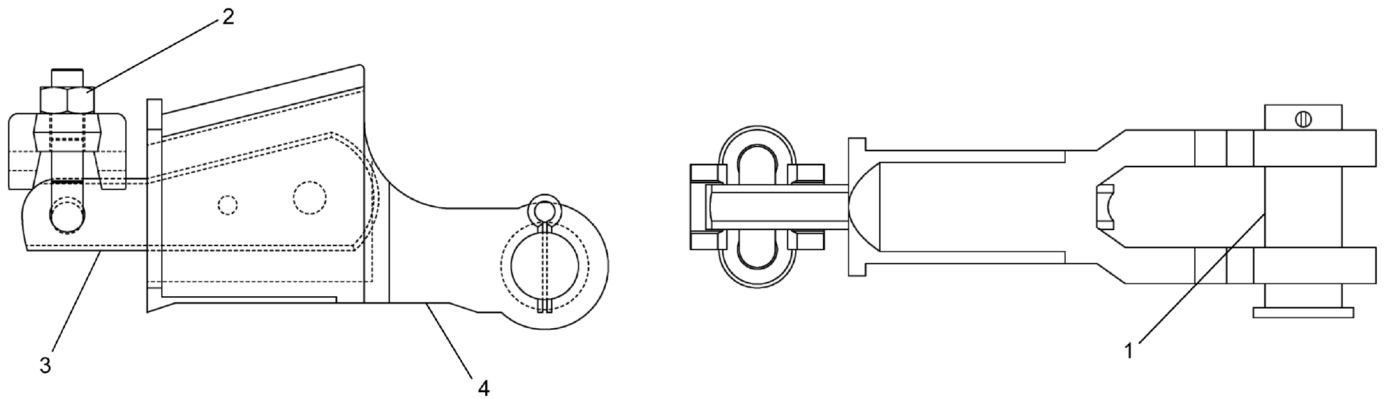
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	709A6192 (Rev. A)	Wedge & Socket Assembly, 5/8"	
1	1234-43	Wedge & Socket 5/8" (see page 124)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	WEDGE 5/8 MAIN/AUX-CABLE	DATE: Revised 03-2019	CHAPTER 1
		MODEL: 60-110	
		PAGE: 123	



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	1234-43 (Rev. A)	<i>Wedge & Socket 5/8"</i>	
1	T143912	Bolt & Cotter 5/8" Rope	1
2	1240-45	Clamp "U" Bolt Type 5/8 Cable	1
3	1234-19	Wedge	1
4	1234-18	Socket	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



WEDGE & SOCKET INSTALLATION

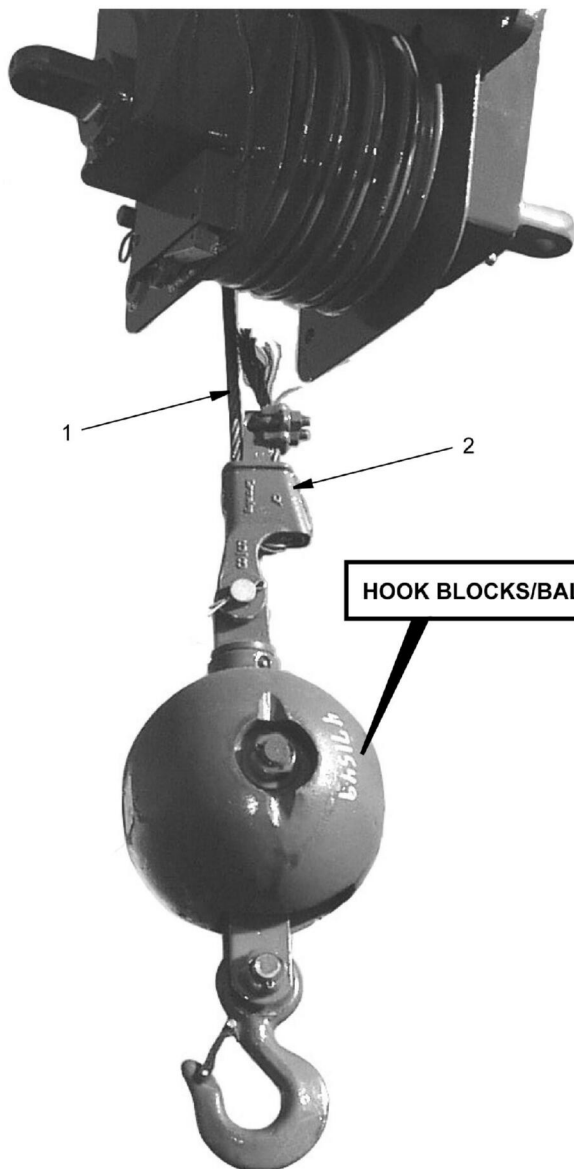
DATE: Released 05-2017

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CAUTION

UNDER NO CONDITION CAN ANY OTHER SIZE, TYPE, OR LENGTH OF WIRE ROPE BE USED ON THIS EQUIPMENT SINCE IT CONSTITUTES A SAFETY HAZARD.

- WIRE ROPE -

Standard Wire Rope

5/8" - 35,800 Lbs. Minimum Breaking Strength

- WIRE ROPE - OPTIONAL

Rotation Resistant Wire Rope

5/8" - 45,400 Lbs. Minimum Breaking Strength

REF	PART NO.	DESCRIPTION	QTY
	710A0572 (Rev. A)	Rotate-Resist Cable 5/8 X 500	
1	12516-500	Rope, Wire	1
2	709A6192	Wedge & Socket Assembly, 5/8" (see page 123)	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ROTATE-RESIST CABLE 5/8 X 500

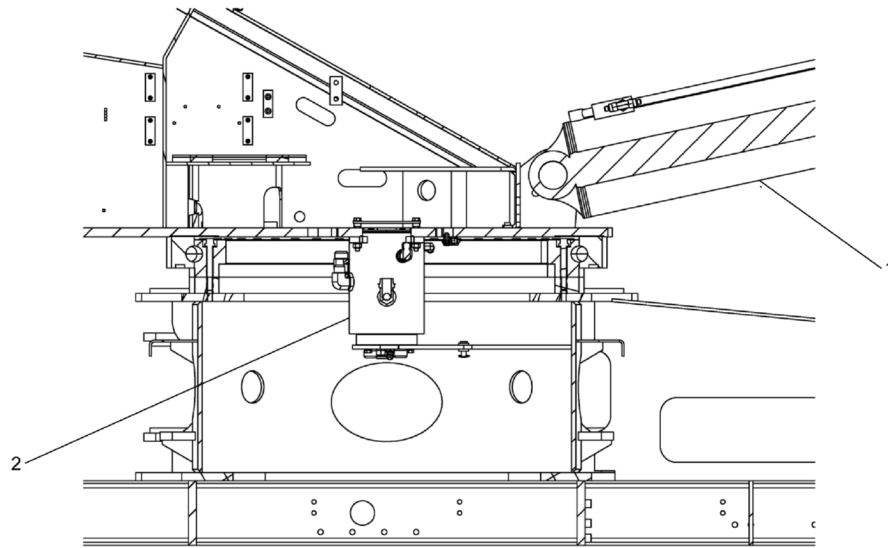
DATE: Revised 03-2019

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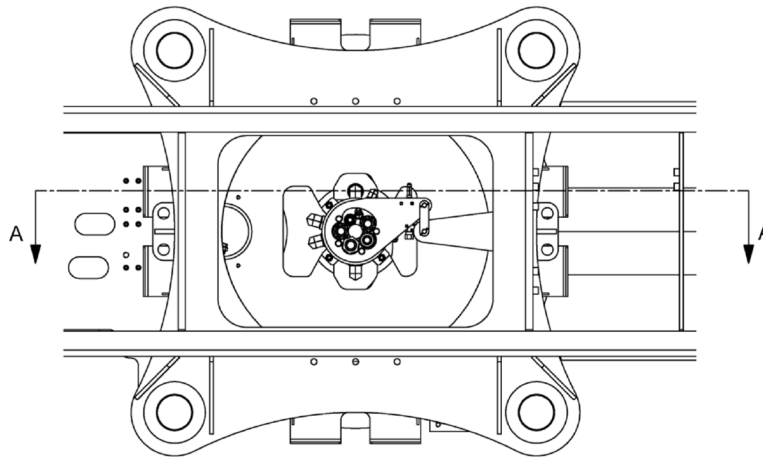
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SECTION A-A



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T108166 (Rev. B)	<i>Upper Hydraulic Installation</i>	
1	T17A1074	Upper Hydraulic ASSY (see page 127)	1
2	T119344	Swivel Assembly (see page 147)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



UPPER HYDRAULIC INSTALLATION

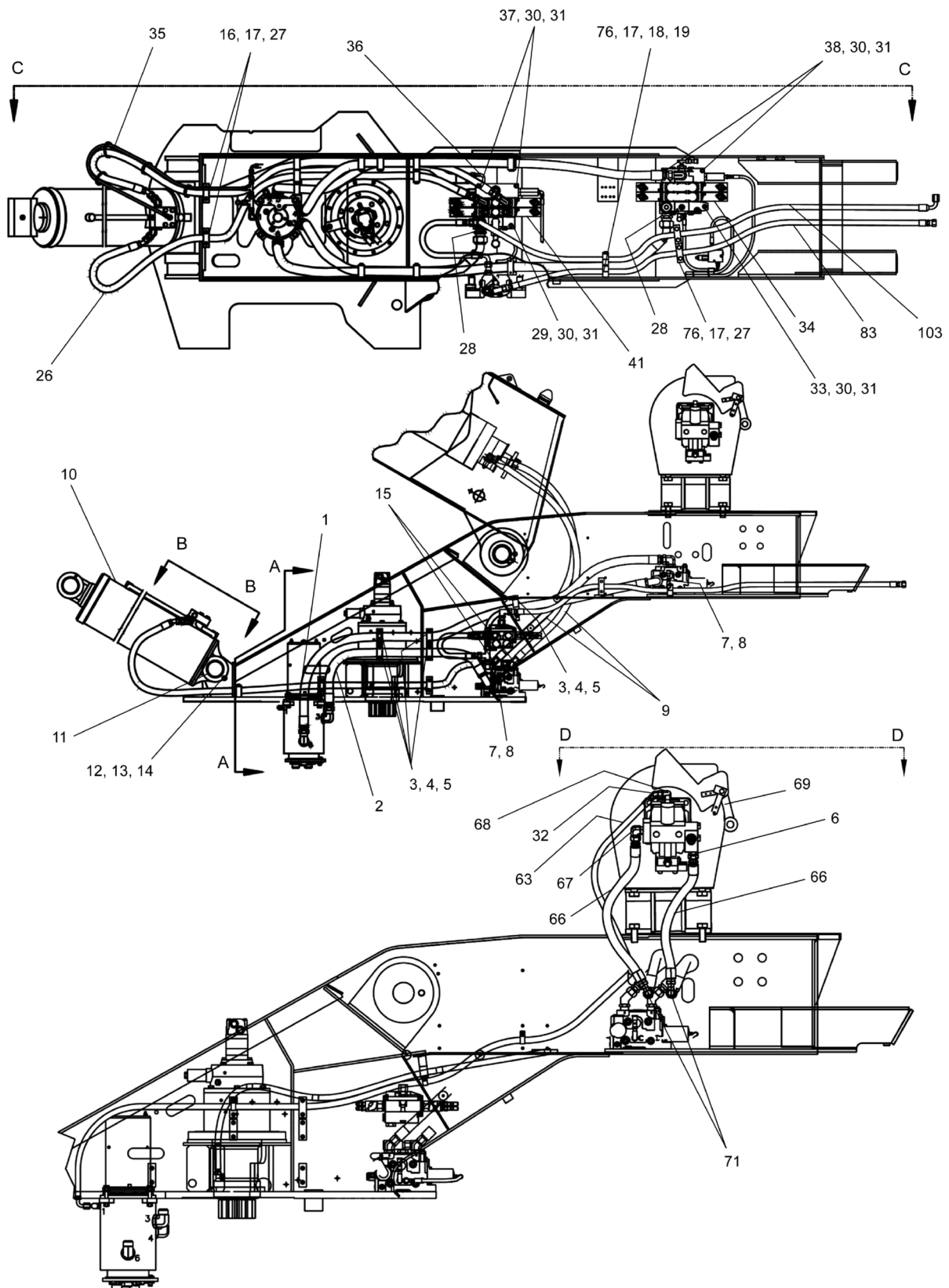
DATE: Revised 03-2019

MODEL: 60-110

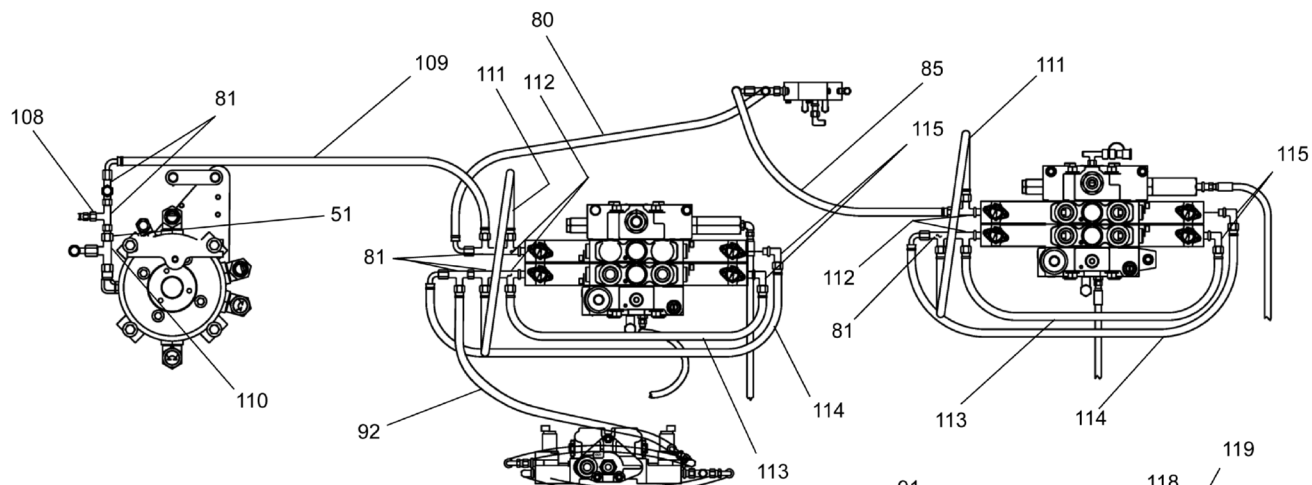
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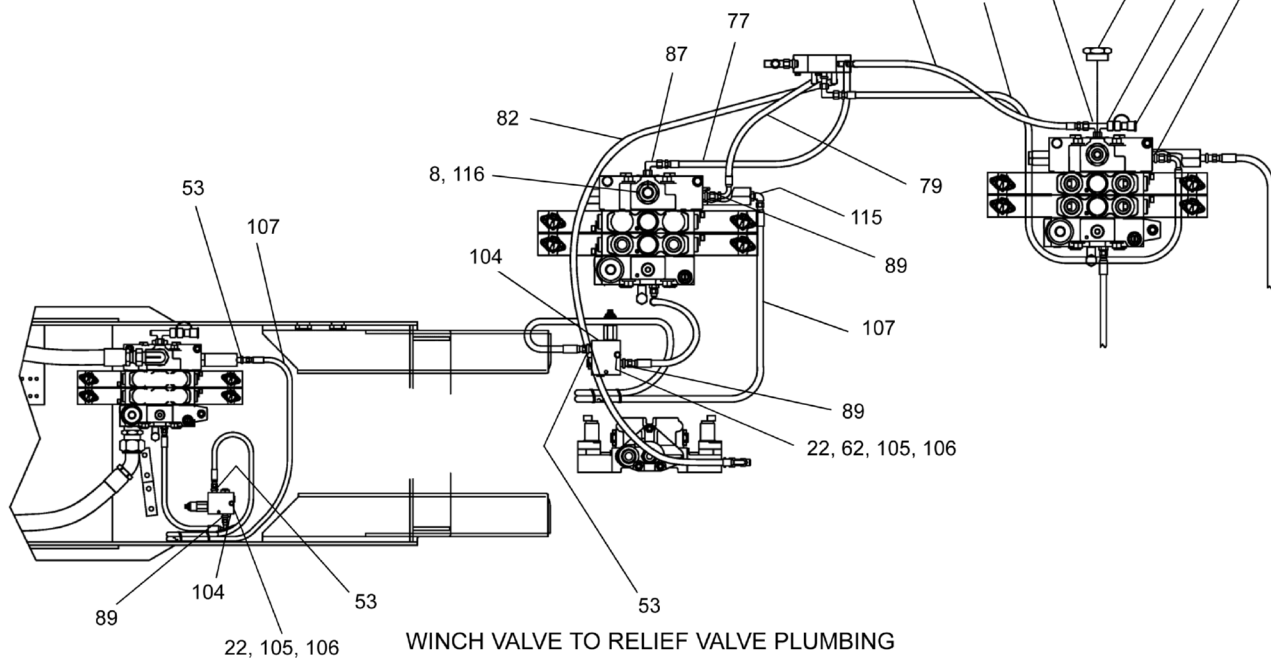
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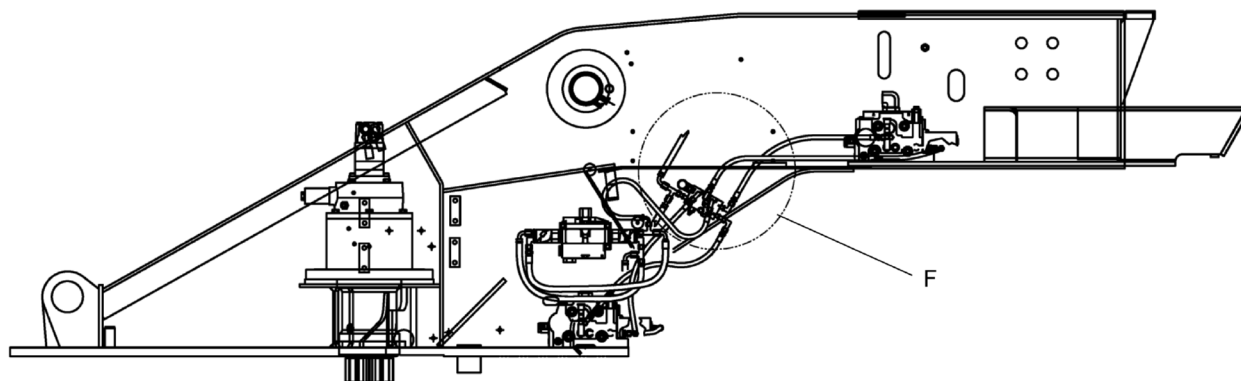
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



BOOM WINCH & SWING VALVE PILOT DRAINS

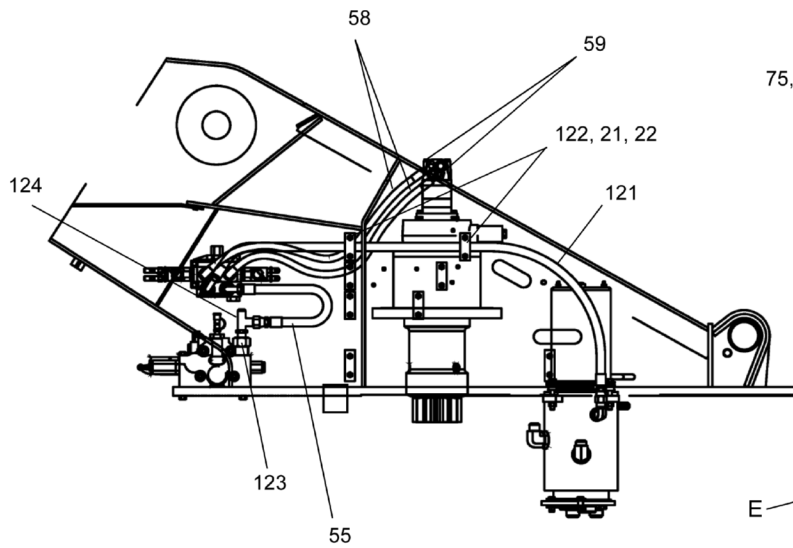


WINCH VALVE TO RELIEF VALVE PLUMBING

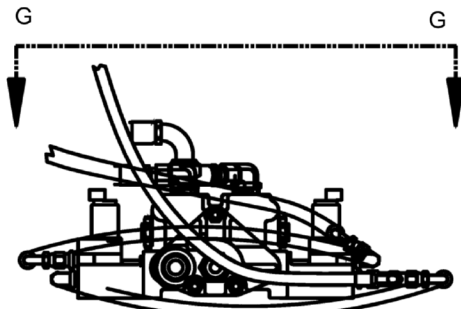
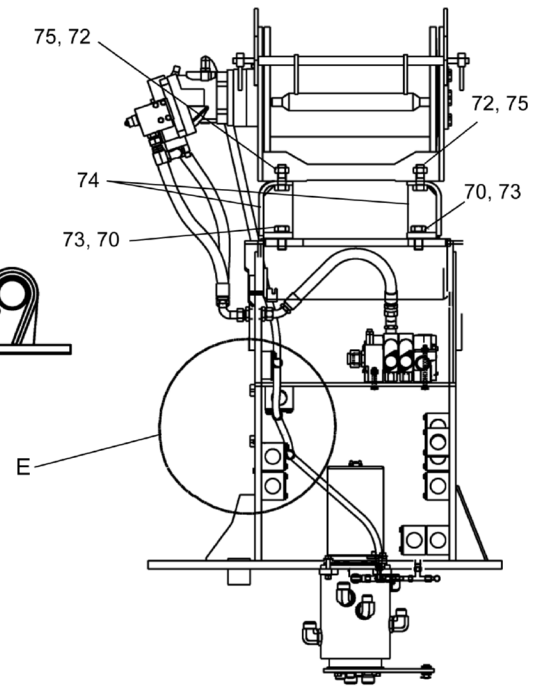


DETAIL OF BOOM, WINCH & SWING VALVE PILOT/SUPPLY PLUMBING

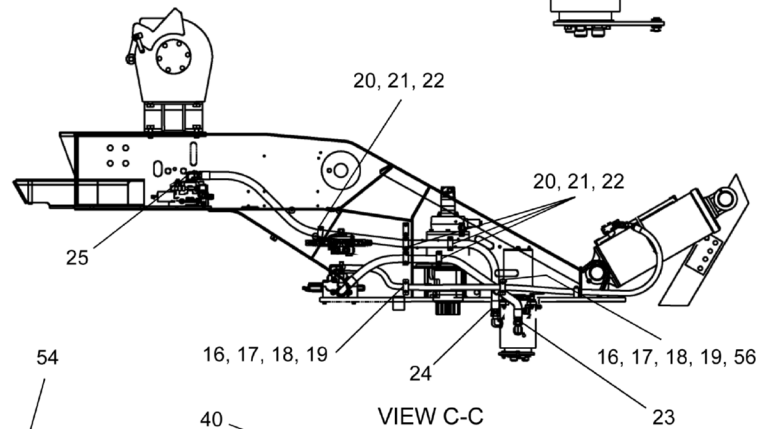
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



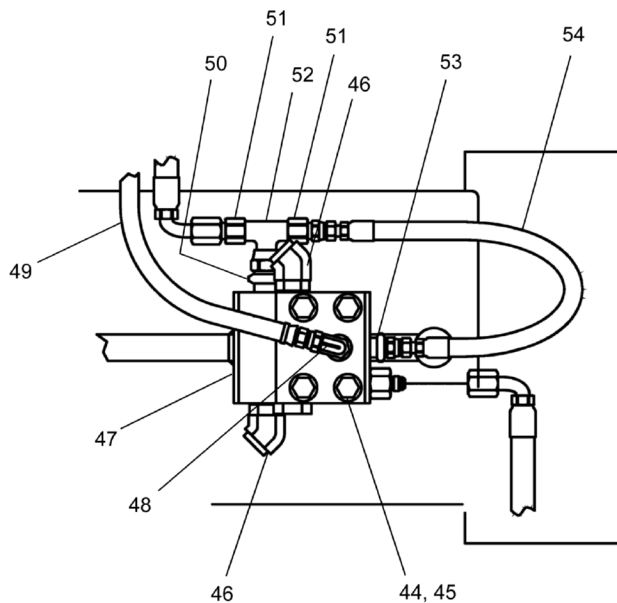
PLUMBING FOR THE FRONT FACE OF SWING VALVE



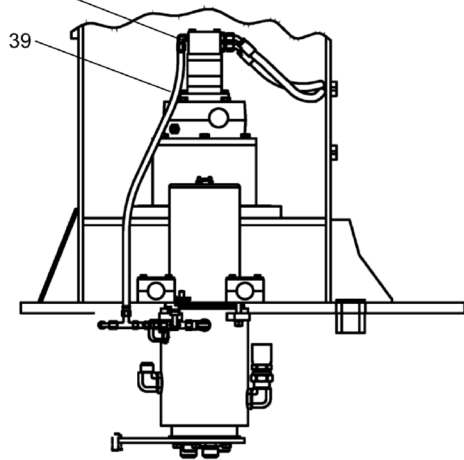
DETAIL OF SWING VALVE



VIEW C-C

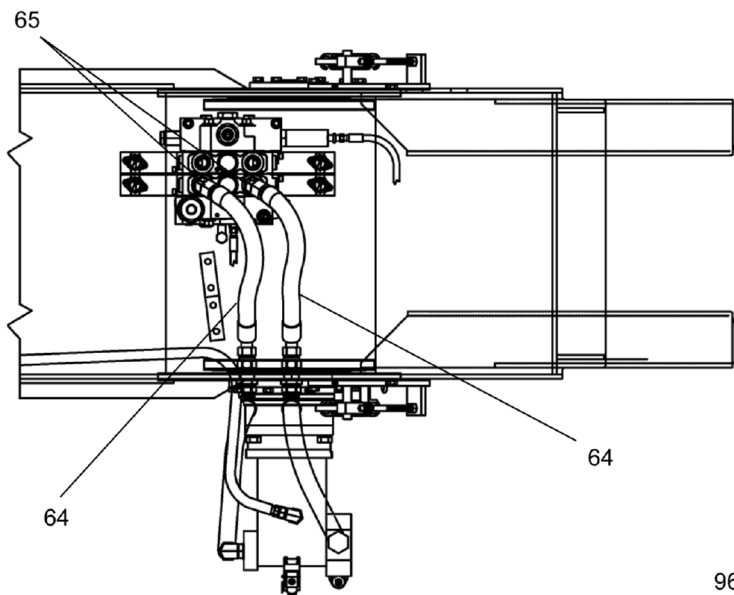


VIEW B-B

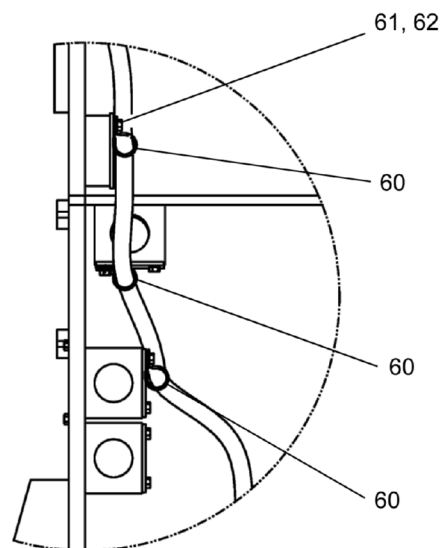


SECTION A-A

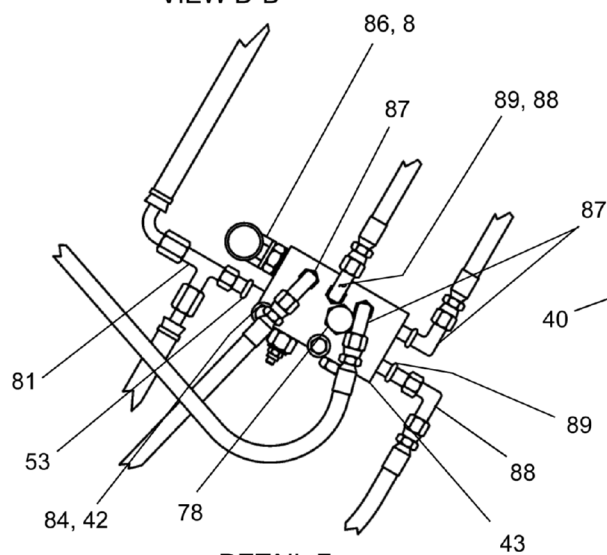
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



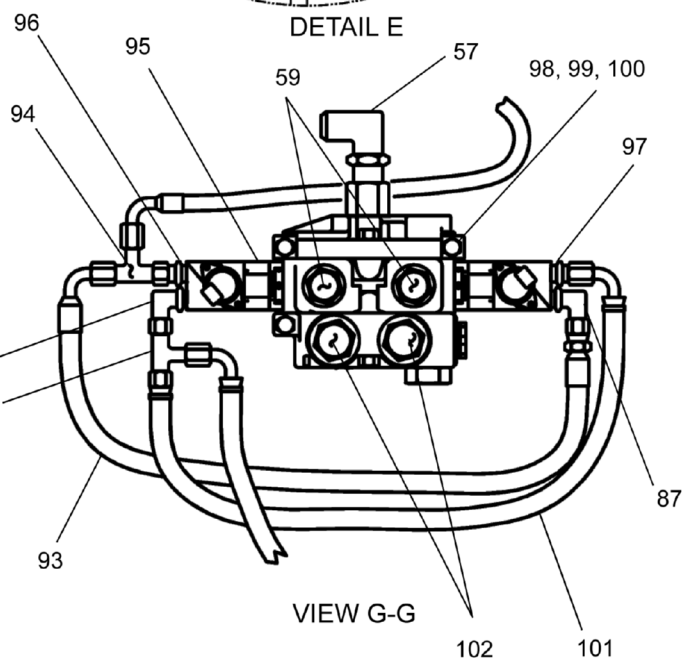
VIEW D-D



DETAIL E



DETAIL F



VIEW G-G

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

REF	PART NO.	DESCRIPTION	QTY
	717A1074 (Rev. Z)	Upper Hydraulic ASSY	
1	717 0626-108	Hose, -20	1
2	717 0626-60	Hose, -20	1
3	1240-204	Clamp, Half	10
4	1240-191	Plate, Cover	5
5	S01-250CB75-25	SCR, HHCS 0.25-20 X 2.75, ST SQC G5	10
6	1219-556	Adapter, MJIC-16/MORB-12	1
7	12019-774	Disconnect, Quick, -6	2
8	12019-558	Dust Cap, HQC-4	5
9	200B2585-64	Hose, -12	2
10	T144189	Hoist Cylinder (Hengli) (see page 134)	1
11	709 5830	Pin, Lower Cylinder	1
12	1222-347	Rod End 1.00 SH-OD X 6.00	1
13	S01-A00CB50-25	SCR, HHCS 1.00-8 X 2.50, ST SQC G5	1
14	W07-A00X000-20	WSH, LCK, MED SPLT 1.00, ST SQC	1
15	376 1401	Adapter, 45°, -16 -12	2
16	1240-215	Clamp, Half	12
17	1240-195	Plate, Cover	7
18	1240-237	Plate, Safety Locking	3
19	S01-375CE50-25	SCR, HHCS 0.375-16 X 5.50, ST SQC G5	6
20	1240-252	Clamp, Half	8
21	1240-148	Plate, Cover	6
22	S01-250CB50-25	SCR, HHCS 0.25-20 X 2.50, ST SQC G5	14
23	709 1240-60	Hose, -16	1
24	709 1240-104	Hose, -16	1
25	376 1002	Adapter, 90°, -16	1
26	T147171	Hose, -12	1
27	S01-375CB75-25	SCR, HHCS 0.375-16 X 2.75, ST SQC G5	8
28	1219-661	Adapter, MJIC-20/MORB-20	2
29	S01-500CC00-25	SCR, HHCS 0.50-13 X 3.00, ST SQC G5	1
30	WAW-50WX000-20	WSH, FL TYPA-WID 0.50, ST SQC	6
31	NYL-500F000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	6
32	375 1701	Adapter 45°	1
33	S01-500CB50-25	SCR, HHCS 0.50-13 X 2.50, ST SQC G5	1
34	T124761	Valve, Winch (see page 136)	1
35	720 0376-114	Hose, -12	1
36	12019-122	Adapter, 20 O-Ring	1
37	S01-500CF00-25	SCR, HHCS 0.500-13 X 6.00 ST SQC G5	2
38	S01-500CE50-25	SCR, HHCS 0.500-13 X 5.50 ST SQC G5	2
39	MK212096-69	Hose, -6	1
40	375 1406	Adapter, 90°, -4 -6	2
41	T124758	Valve, Boom/TELE (Parker) (see page 137)	1
42	S01-250CB25-25	SCR, HHCS 0.25-20 X 2.25, ST SQC G5	2
43	721-0360	Valve, Pressure Reducing (see page 138)	1
44	WAH-50NX000-20	WSH, FL HRD A-NRW 0.50, ST SQC	4
45	S01-500FC00-Y8	SCR, HHCS 0.50-20 X 3.00, ST SQC G8	4
46	12019-789	Elbow, 90, MJIC-12/MORB-12, L	2
47	717-0849^	Hold Valve	1
48	12019-548	Adapter, 90°, -4	1
49	707 4164-67	Hose, -4	1

* ITEM NOT SHOWN IN ILLUSTRATION

^ INTERNAL PARTS ARE NOT SERVICEABLE

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



UPPER HYDRAULIC ASSEMBLY

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REF	PART NO.	DESCRIPTION	QTY
	717A1074 (Rev. Z)	Upper Hydraulic ASSY	
50	1219-810	Adapter	1
51	12019-457	Reducer, STR, -10 -6	3
52	12019-464	Tee, Branch	1
53	1219-605	Adapter, STR, -6	5
54	707 4075-14	Hose, -4 W/-6 Ends	1
55	717 0676-28	Hose, -12	1
56	1240-91	Clamp	1
57	1219-802	Adapter, 90°, -12	1
58	717 0631-42	Hose, -8	2
59	1219-442	Adapter, STR, -10 -8	4
60	1240-53	Clamp	3
61	SHF-375C750-25	SCR, HHCS FT 0.375-16 X 0.75, ST SQC G5	1
62	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	2
63	716 0340-144	Hose, -10	1
64	707 4097-22	Hose, -16	2
65	12019-303	Adapter, 45°, -16	2
66	707-4100-29	Hose, ASSY 1.00 I.D	2
67	12019-193	Elbow, 90-MJIC-16/MORB-12	1
68	12019-517	Adapter, 90°, -12 -10	1
69	717-1155	Winch Assembly (Braden) (see page 139)	1
70	S01-A12CB50-Y8	SCR, HHCS, 1.125-7 X 2.50, ST SQC G8	4
71	1219-917	Bulkhead Fitting, STR, -16	2
72	S01-A12CC50-Y8	SCR, HHCS, 1.125-7 X 3.50, ST SQC G8	4
73	W08-A12X000-P0	WSH LCK HVY-SPLT 1.125, STL	4
74	709F6592	Spacer, Main Winch	2
75	NYL-A12C000-Y8	Nut, HEX NYL-INS 1.125-7, ST SQC G8	4
76	1240-238	Clamp, Half	8
77	718 0678-25	Hose, -4	1
78	1219-980	Plug, -6	1
79	720 0321-30	Hose, -4	1
80	718 0548-40	Hose, -6	1
81	12019-112	Tee, SW Nut Run, -6	8
82	720 0321-41	Hose, -4	1
83	717 0677-114	Hose, -12	1
84	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST SQC	2
85	718 0548-30	Hose, -6	1
86	12019-774	Disconnect, Quick, -6	1
87	12019-264	Adapter, 90°, -6-4	5
88	1219-887	Adapter, 90° SW Nut, -4	2
89	12019-205	Adapter, STR, -6 -4	6
90	720 0321-59	Hose, -4	1
91	718 0678-30	Hose, -4	1
92	718 0548-33	Hose, -6	1
93	720 0321-24	Hose, -4	1
94	12019-453	Tee, SW Nut Run, -4	1
95	722-0060	Valve, Swing (see page 146)	1
96	1219-959	Adapter, STR, -4	1
97	12019-304	Adapter, STR, -4 -6	1
98	S01-312CC25-25	SCR, HHCS 0.3125-18 X 3.25 ST, SQC G5	3

* ITEM NOT SHOWN IN ILLUSTRATION
^ INTERNAL PARTS ARE NOT SERVICEABLE

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

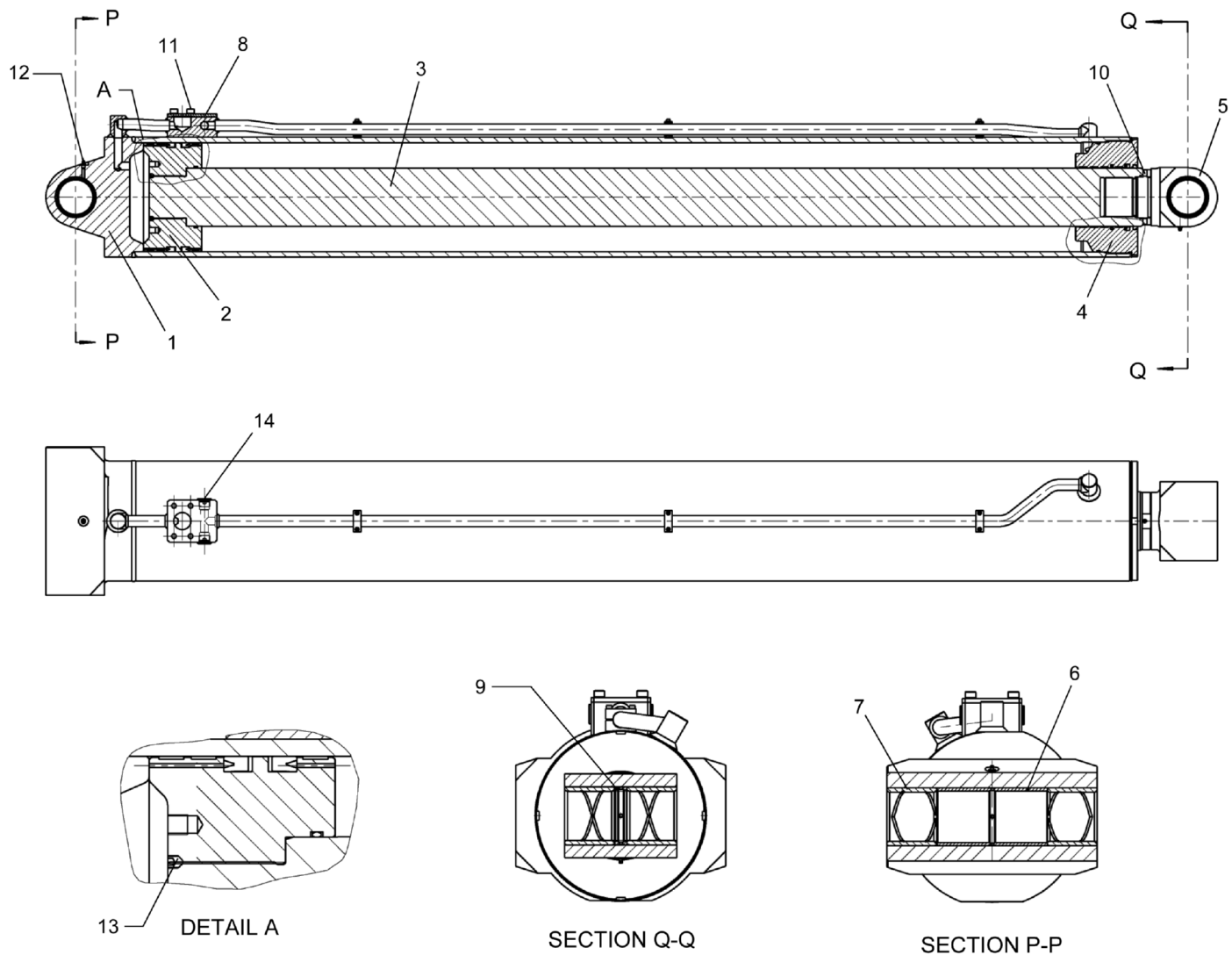
	UPPER HYDRAULIC ASSEMBLY	DATE: Revised 04-2018	CHAPTER 1
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REF	PART NO.	DESCRIPTION	QTY
	717A1074 (Rev. Z)	Upper Hydraulic ASSY	
99	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST SQC	3
100	N04-312C000-25	Nut, HEX 0.3125-18, ST SQC G5	3
101	718 0548-26	Hose, -6	1
102	1219-389	Adapter, MJIC-12/MORB-12	2
103	717 0676-136	Hose, -12	2
104	12019-779	Valve, Relief	2
105	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST SQC	3
106	NYL-250C000-25	Nut, HEX NYL-INS 0.25-20, ST SQC G5	2
107	707 4495-120	Hose, -6	2
108	12019-756	Reducer, STR, -6 -4	1
109	MK212096-61	Hose, -6	1
110	1219-956	Tee, SW Nut Run, -10	1
111	718 0670-21	Hose, -6	2
112	1219-693	Tee, Run, -6	4
113	718 0670-28	Hose, -6	2
114	718 0548-35	Hose, -6	2
115	1219-776	Adapter, 90°, -6	5
116	375 0400	Disconnect, Quick, -6 -4	1
117	362 3233	Tee, Branch, -4	1
118	1219-783	Plug, -20	1
119	12019-794	Disconnect, Quick, -4	1
120*	1222-184	Plastic Tie	30
121	MK212382-78	Hose, -12	1
122	1240-254	Clamp, Half	4
123	12019-695	Reducer, STR, -20 -12	1
124	1219-714	Tee, Run, -12	1

* ITEM NOT SHOWN IN ILLUSTRATION
^ INTERNAL PARTS ARE NOT SERVICEABLE

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T144189 (Rev. A)	<i>Hoist Cylinder (Hengli)</i>	
	228620	Seal Kit	1
1	228607	Barrel Assembly	1
2	228608	Piston	1
3	228609	Rod	1
4	228610	Guide Bush	1
5	228611	Rod End	1
6	228612	Sleeve 2	1
7	228613	Bush	4
8	228614	Flange Cover	1
9	228615	Sleeve 1	1
10	228616	Set Screw, M10X20	2
11	228617	Screw, 1/2-20 UNF-1	4
12	228618	Grease Fitting, NPT 1/8	2
13	228604	Set Screw M10X12	2
14	228619	Plug, 1 1/16-12UN	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



BOOM HOIST CYLINDER (HENGLI)

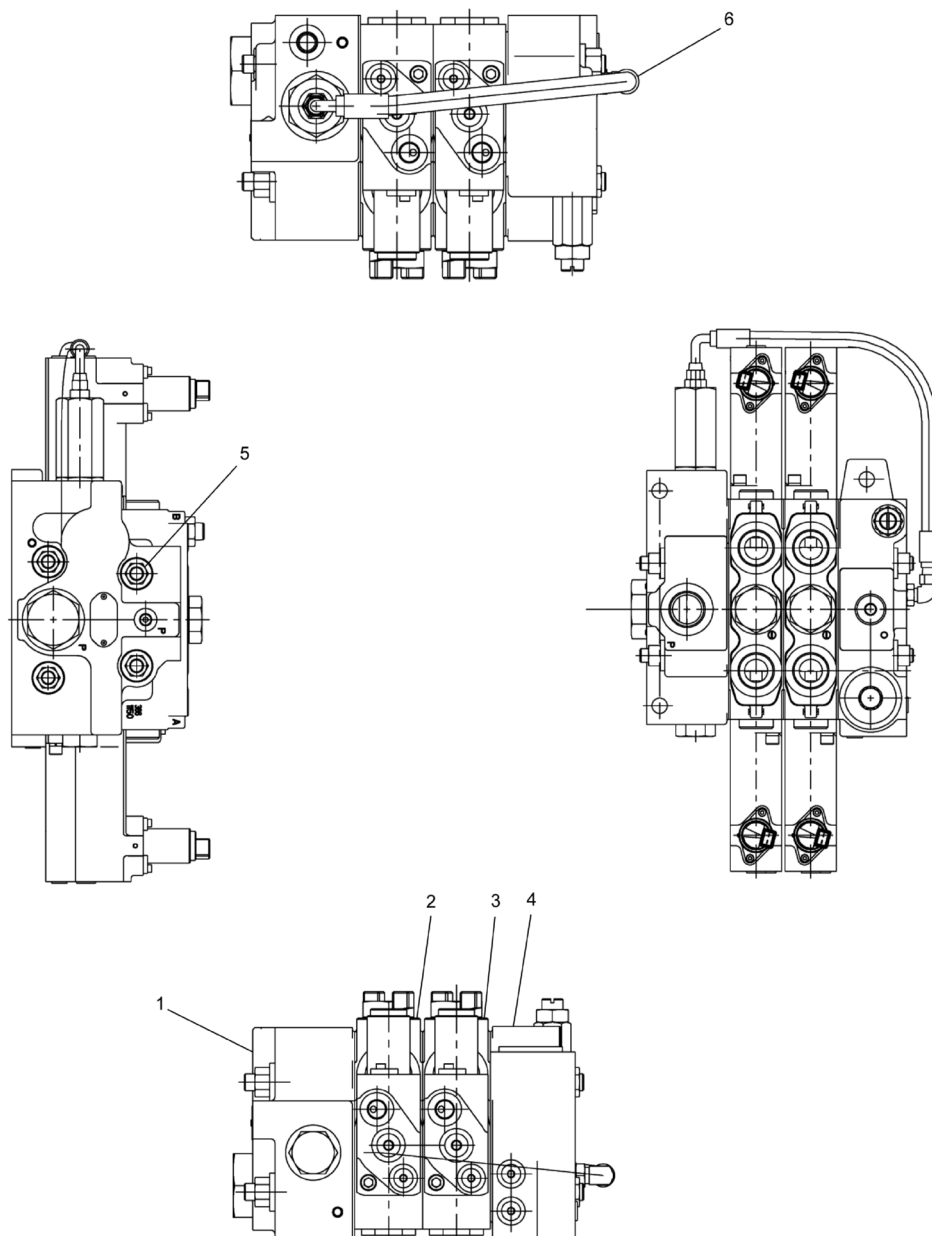
DATE: Released 05-2015

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REF	PART NO.	DESCRIPTION	QTY
	T124761 (Rev. A)	Valve, Winch	
1	222370	PC55 Inlet Bypass COMP.	1
2	220407	PC55 D/A MOT, PWM	1
3	220408	PC55 D/A MOT, PWM	1
4	220409	PC55 Outlet	1
5	220410	Stud Assemblies 10.00 LG.	4
6	220411	Hose=, 0.025-SAE-17LG	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



WINCH VALVE

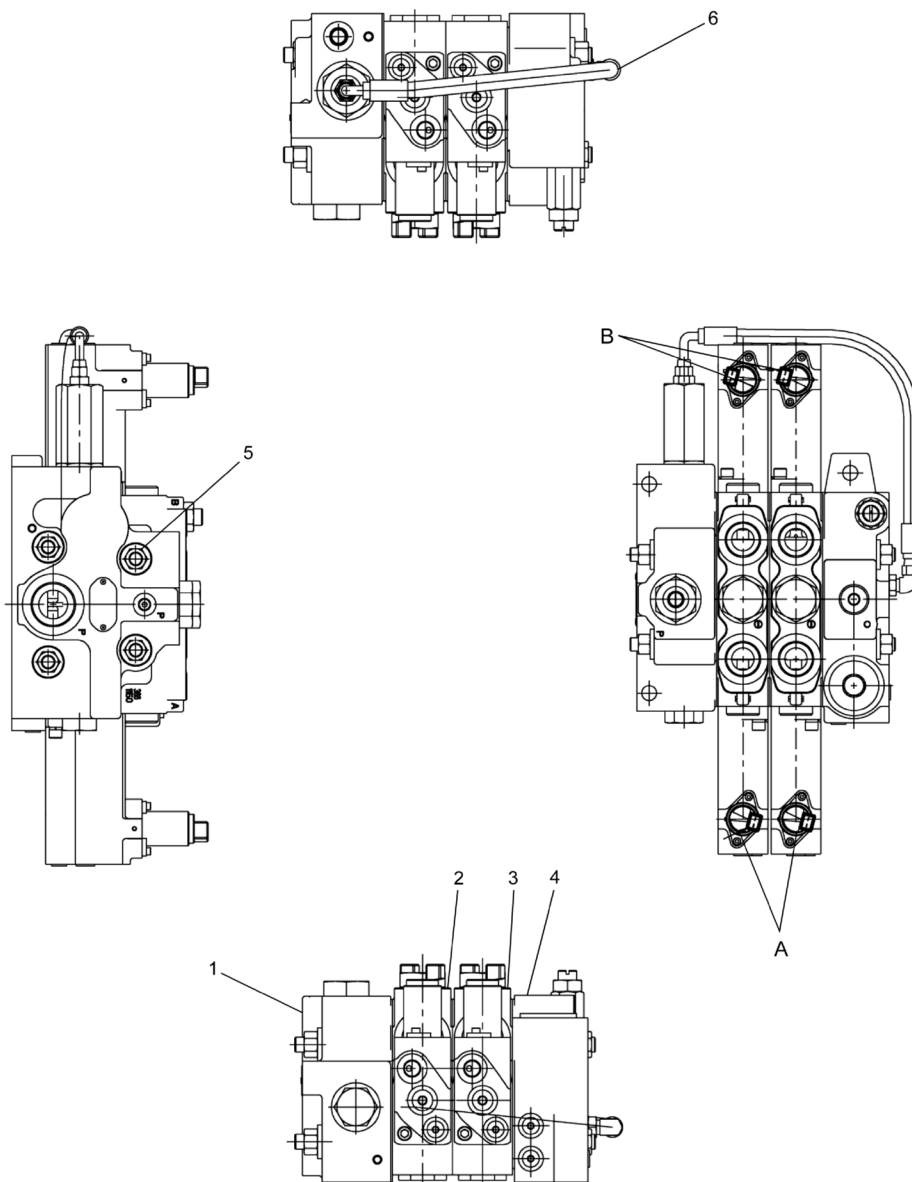
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REF	PART NO.	DESCRIPTION	QTY
	T124758 (Rev. A)	Valve, Boom/TELE (Parker)	
1	224418	PC55 Inlet Bypass COMP.	1
2	219038	PC55 D/A HIN, VENT @ A	1
3	219039	PC55 D/A REGEN, VENT @ A & B	1
4	219040	PC55 Outlet	1
5	220410	Stud Assemblies 10.00 LG.	4
6	220411	Hose=, 0.025-SAE-17LG	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



BOOM / TELE VALVE (PARKER)

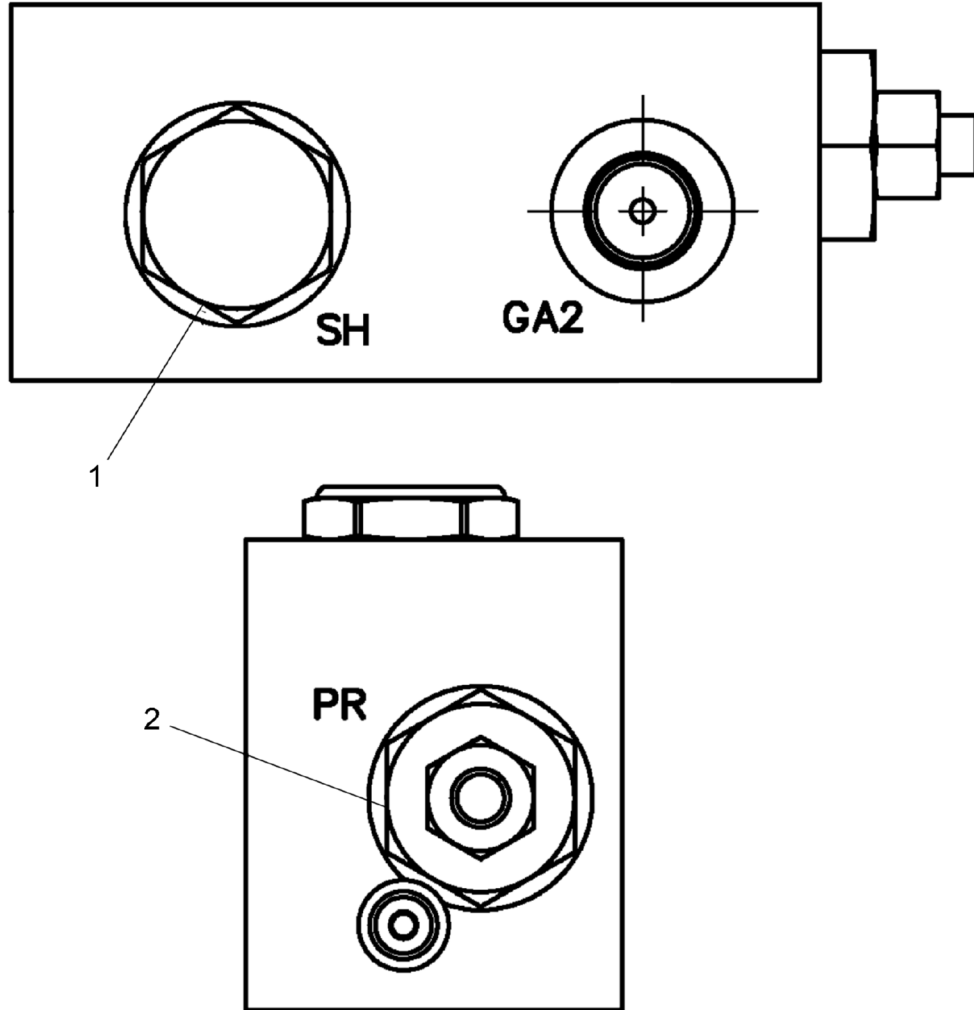
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	721-0360 (Rev. 00)	Valve, Pressure Reducing	
1	219589	Shuttle Valve	1
2	226214	PRESS. Reducer	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



PRESSURE REDUCER VALVE

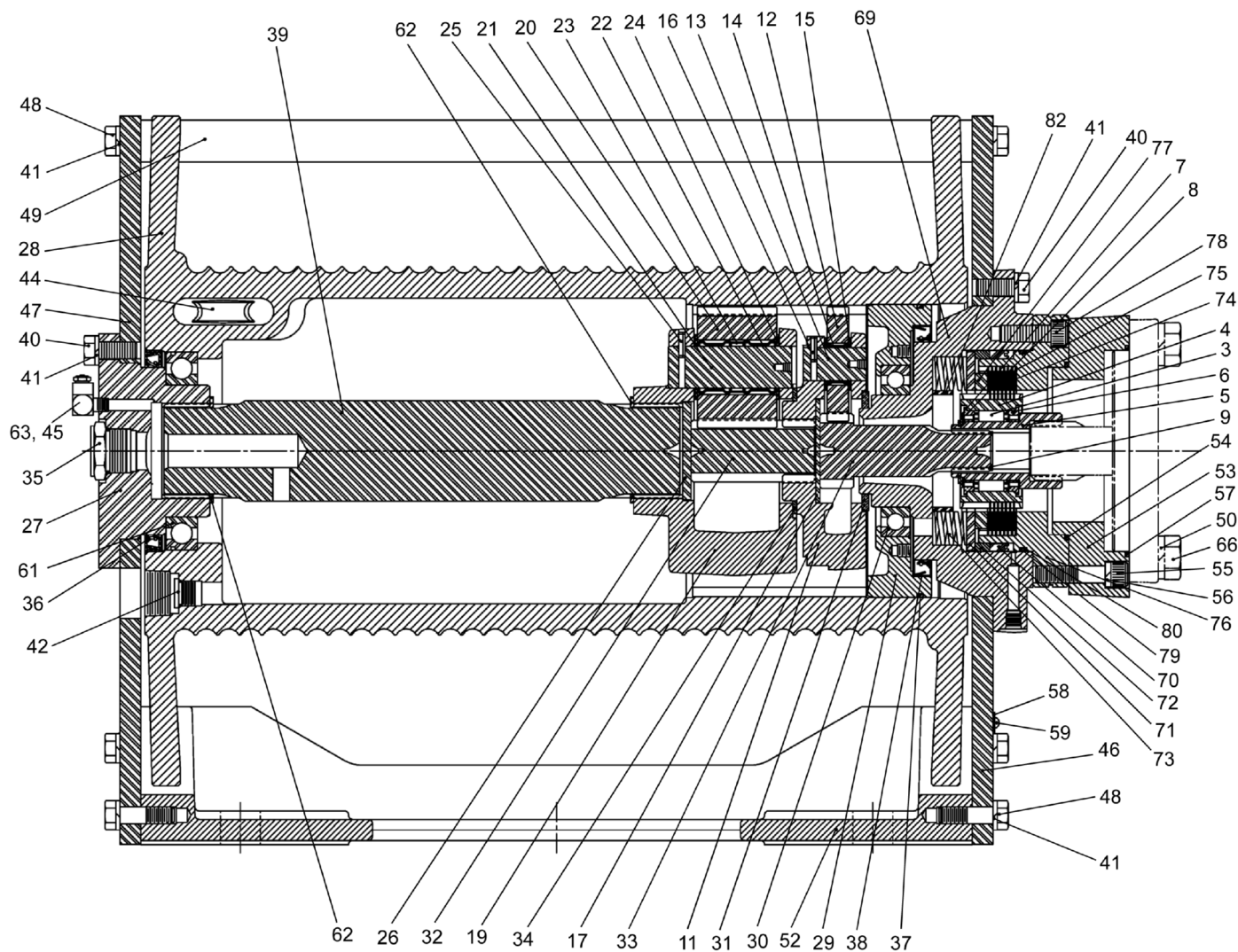
DATE: Revised 07-2013

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



MAIN & AUX WINCH BRADEN PD15B (BRADEN)

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REF	PART NO.	DESCRIPTION	QTY
	717-1155 (Rev. 00)	Winch Assembly (Braden)	
1*	226184	Winch	1
2*	217070	Sprag Clutch ASSY	1
3	215466	Sprag Clutch	1
4	215461	Outer Brake Race	1
5	215462	Inner Brake Race	1
6	215723	Sprag Bearing	2
7	215464	Sprag Bearing Retainer	1
8	215447	Snap Ring	1
9	215560	Retaining Ring	1
10*	216068	Primary Planet Carrier ASSY	1
11	215425	Primary Planet Carrier	1
12	215426	Primary Planet Gear	3
13	215427	Primary Planet Gear Shaft	3
14	215428	Roller Bearing	3
15	215429	Thrust Washer	6
16	215430	SPIROL Pin	3
17	215451	Spacer, Primary	1
18*	218981	Planet Carrier ASSY	1
19	215431	Planet Carrier	1
20	215432	Planet Gear	3
21	215433	Planet Gear Shaft	3
22	215434	Roller Bearing	6
23	215435	Bearing Spacer	3
24	215436	Thrust Washer	6
25	218982	Pin-SPIROL	3
26	215474	Spacer, Output	1
27	219180	Bearing Support	1
28	219181	Cable Drum	1
29	219182	Cable Drum Closure	1
30	215440	Ball Bearing	1
31	215445	Thrust Washer	1
32	215448	Output Sun Gear	1
33	215449	Primary Sun Gear	1
34	215455	Thrust Washer	1
35	215456	Sight Gauge	1
36	222650	Seal, Oil	1
37	215442	O-Ring	1
38	215443	Seal-Oil	1
39	226185	Shaft, Bearing Support	1
40	220135	Capscrew	16
41	215470	Lockwasher	26
42	215457	16496-8 Plug, O-Ring Flush	1
43*	218986	Brake CYL ASSY - 2 Bolt C	1
44	226186	Cable Wedge	1
45	215458	Relief Valve 7.5-15 PSI	1
46	216767	Sideplate, Motor End	1
47	216768	Sideplate, Support End	1
48	226187	Capscrew	18
49	216770	Tie Bar	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



MAIN & AUX WINCH BRADEN PD15B (BRADEN)

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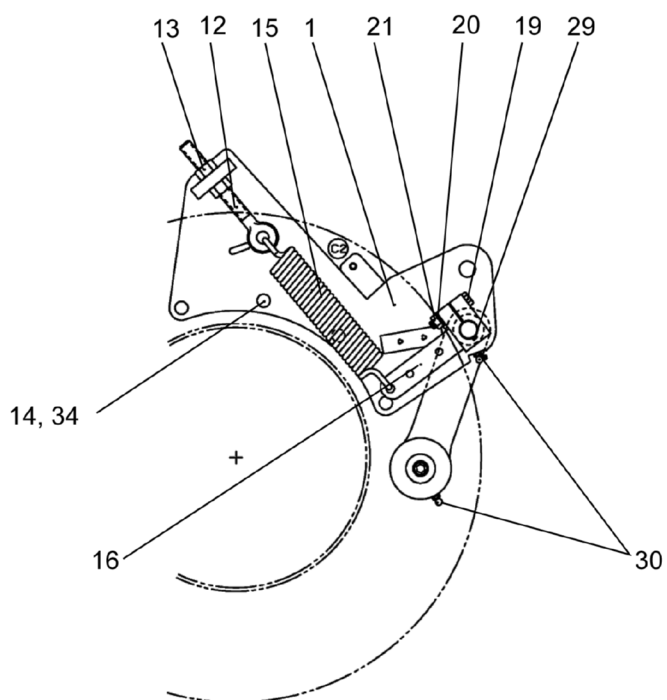
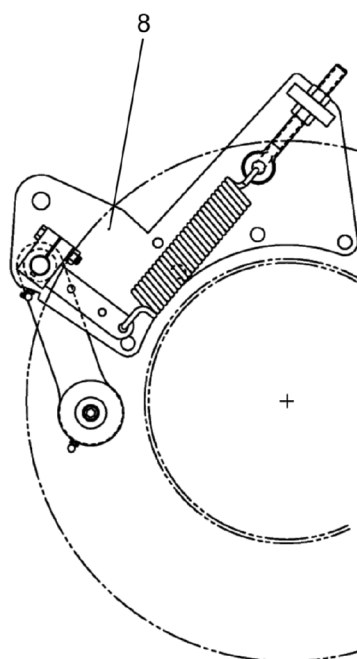
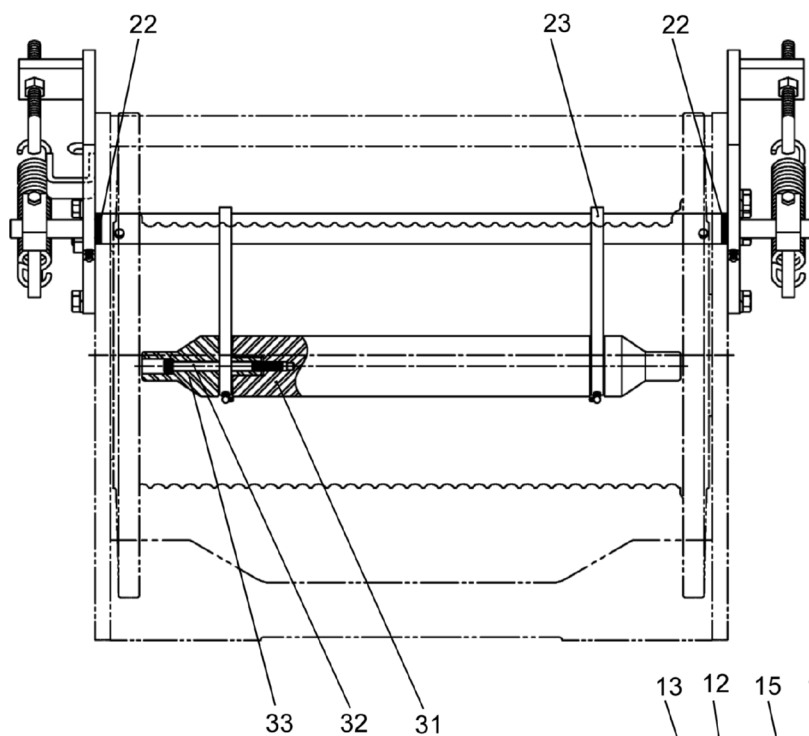
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REF	PART NO.	DESCRIPTION	QTY
	717-1155 (Rev. 00)	Winch Assembly (Braden)	
50	218997	Lockwasher, HI-Collar	4
51*	224982	Lockwasher KEV*1	8
52	216772	Base	1
53	218998	Motor Adapter	1
54	215465	O-Ring	1
55	218999	Capscrew	4
56	219000	Lockwasher, HI-Collar	4
57	219001	O-Ring	1
58	218658	Plate	1
59	218657	16055-5 Drive Screw	2
60*	226181	Winch Cable Roller Group (see page 142)	1
61	226188	Bearing, Ball	1
62	219184	16313-275 Retaining Ring	2
63	219002	Elbow-Street 90DEG	1
64*	216985	Decal, Oil Level	1
65*	224287	HYD Motor Sub-ASSY (see page 144)	1
66	218996	Capscrew	4
67*	218655	Drive Screw	4
68*	218656	Nameplate, GH5, PD5 Winches	1
69	215418	Brake Cylinder	1
70	215419	Seal	1
71	215420	Pressure Plate	1
72	215421	Piston Backup Ring	1
73	215422	Die Spring	12
74	215423	850170 Disc-Friction	7
75	215424	Brake Disk	8
76	215446	Motor Support	1
77	215450	Spacer	1
78	215454	Capscrew	4
79	215459	O-Ring	1
80	215460	Back-up Ring	1
81*	215468	Shipping Plug HYD	1
82	218782	Spring Spacer	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



WINCH CABLE ROLLER

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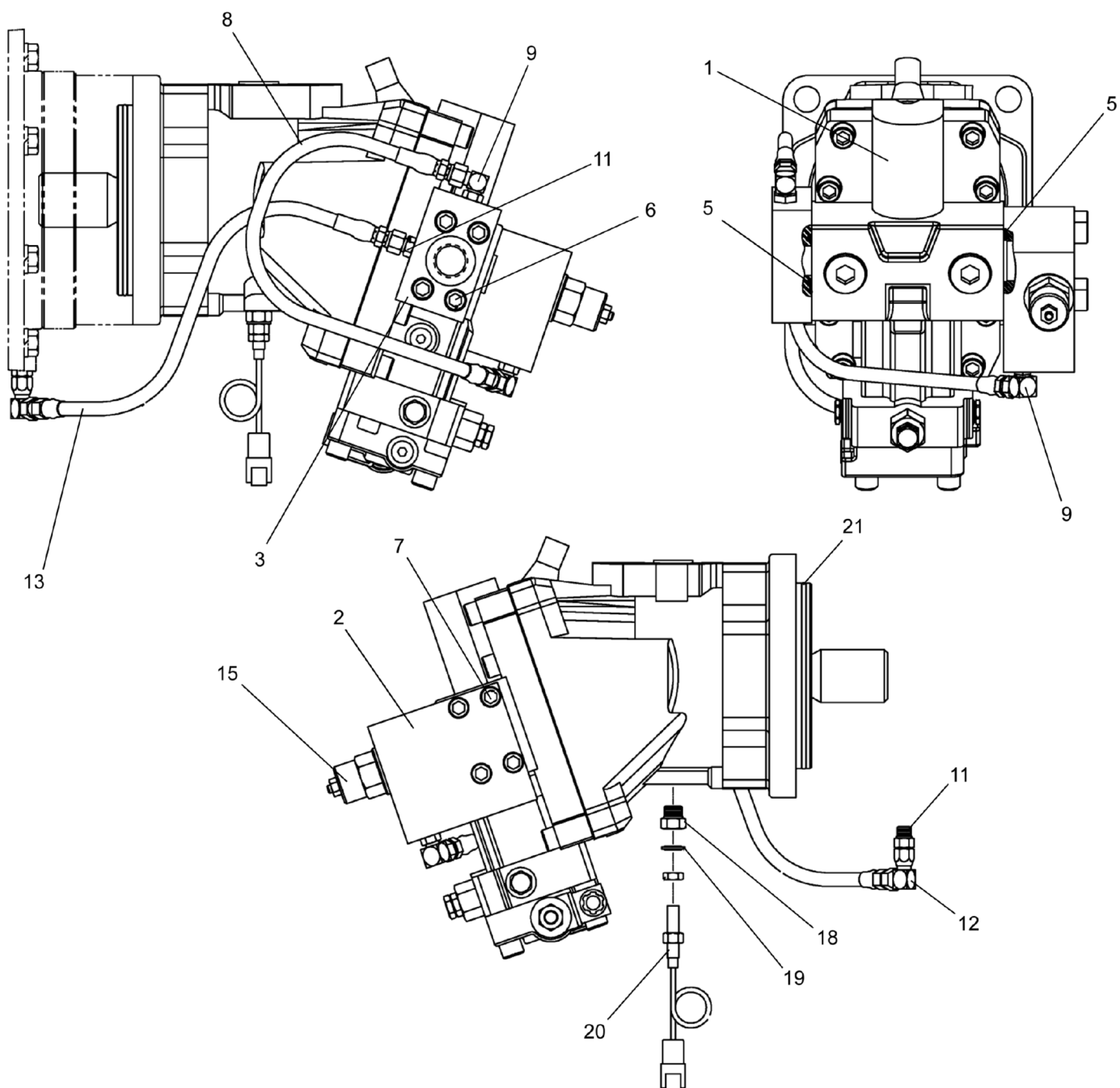
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	226181 (Rev. 00)	<i>Winch Cable Roller Group</i>	
1	217795	Bracket LH	1
2*	219005	Plate	1
3*	219006	Ear	1
4*	219007	Strip	1
5*	219008	850560 Bushing	1
6*	226182	Bracket	1
7*	219010	Half Link	1
8	217796	Bracket RH	1
9*	219011	Plate	1
10*	219006	Ear	1
11*	219008	850560 Bushing	1
12	217797	Eye Bolt	2
13	219012	Nut, HEX	4
14	220135	Capscrew	8
15	217799	Spring, HD EXT	2
16	217800	Bellcrank	2
17*	219013	Block	1
18*	219014	Ear	1
19	217801	Capscrew	2
20	217802	Lockwasher	2
21	218750	Nut, HEX, S031PH8Z	2
22	217804	Bearing Race-Thrust	8
23	217805	Lever	1
24*	226183	Tube	1
25*	219017	Plate W/Bushing	2
26*	219018	Plate	1
27*	219019	Bushing	1
28*	219020	Pin	2
29	217806	2241002 Shaft Key	2
30	217807	Zerk	4
31	217808	Roller, Center	1
32	219022	Capscrew	2
33	217810	Roller, Cap	2
34	215470	Lockwasher	8

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	WINCH CABLE ROLLER	DATE: Revised 04-2015	CHAPTER 1
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HYDRAULIC MOTOR SUB-ASSEMBLY

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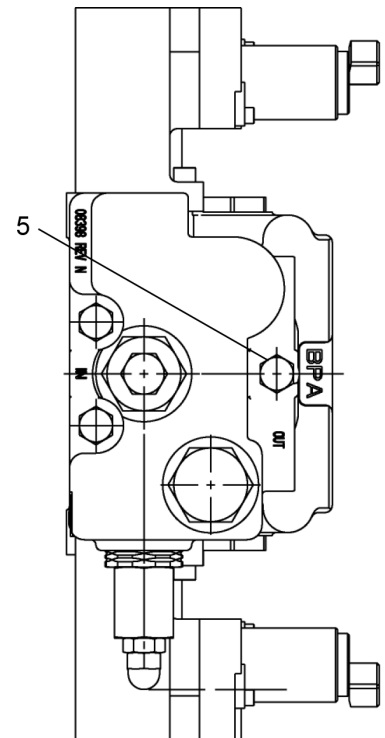
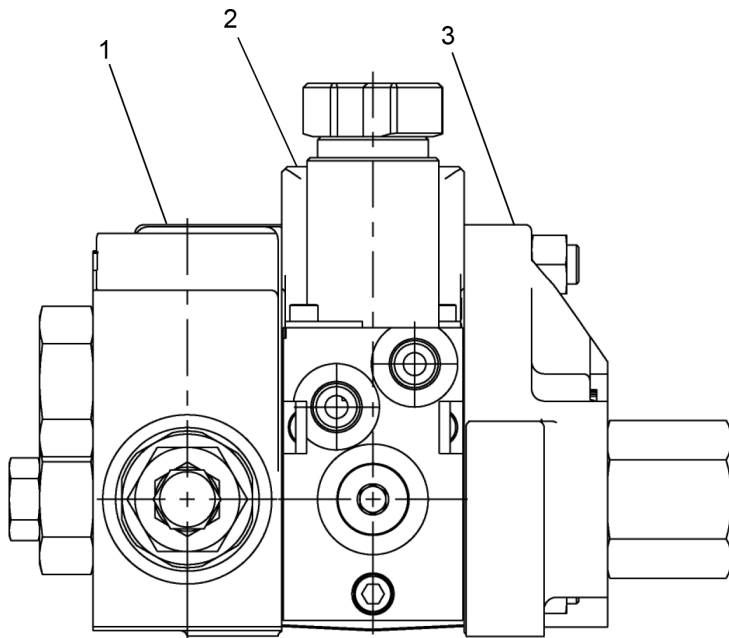
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	224287 (Rev. 00)	HYD Motor Sub-ASSY	
1	224288	Hydraulic Motor	1
2	215520	Counterbalance Block	1
3	215521	Manifold	1
4*	218753	O-Ring	3
5	215522	O-Ring	2
6	215523	Capscrew	4
7	215524	Capscrew	4
8	215525	Hose ASSY	1
9	215526	Elbow Fitting	2
10*	218990	Shipping Plug	3
11	215527	Adapter	2
12	215528	Swivel Nut 90° Elbow	1
13	215529	Hose ASSY 16"	1
14*	218991	Hose ASSY	1
15	215530	Cartridge	1
16*	218992	Cavity Seal Kit	1
17*	218993	Plug, Shipping	1
18	218994	Reducer	1
19	218713	Threadseal, Parker 7500-3/8	1
20	224289	Sensor	1
21	218995	O-Ring Metric	1
22*	218622	Connector Din	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	722-0060 (Rev. 00)	Valve, Swing	
1	226209	V20 Inlet	1
2	226210	V20 Par, 4Way Free/Flow, SOL-12V	1
3	226211	V20 Outlet	1
4*	226212	ASSY, Section Seals	1
5	226213	Stud ASSY, 4.25 LG.	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SWING VALVE

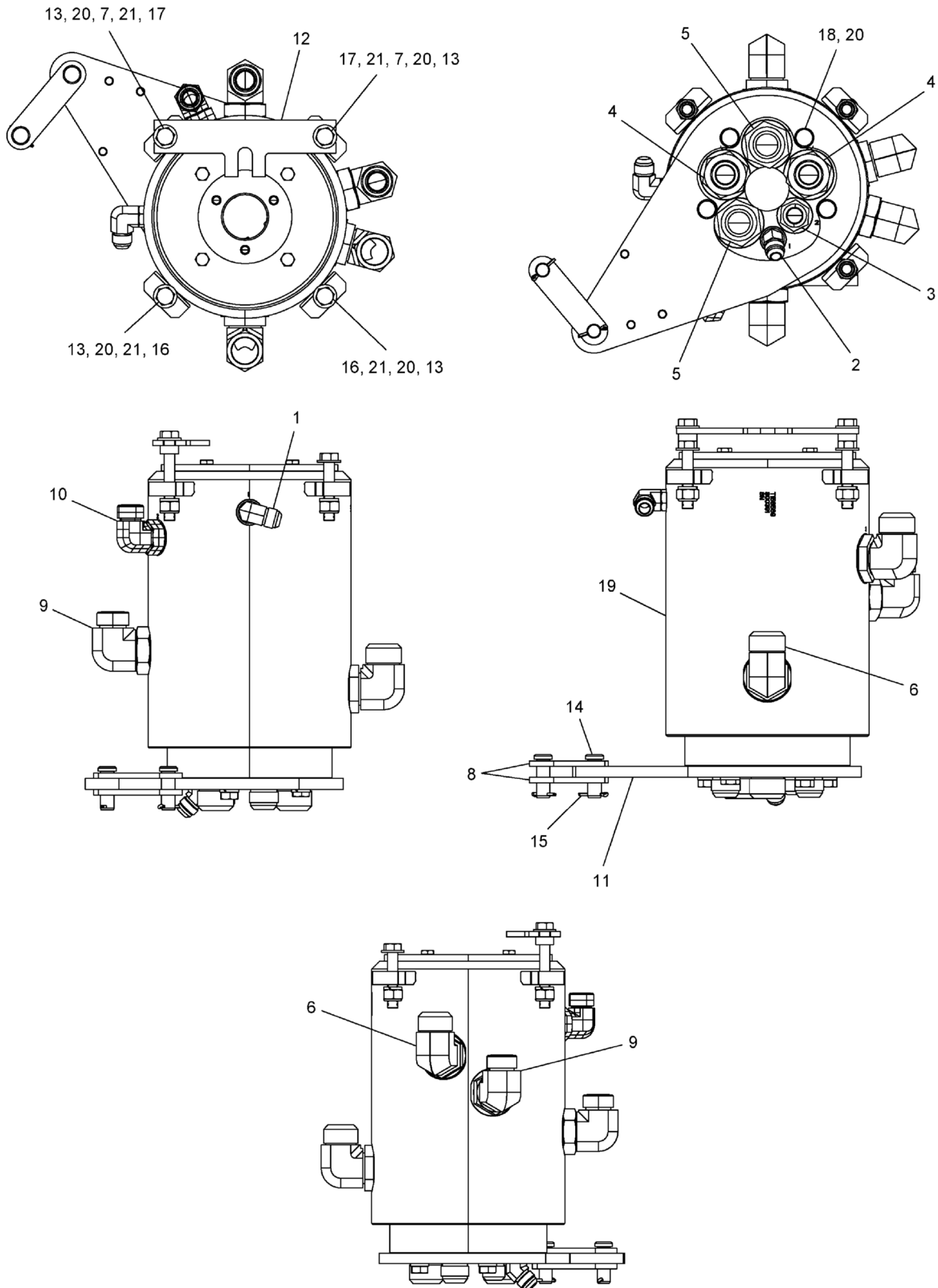
DATE: Revised 07-2013

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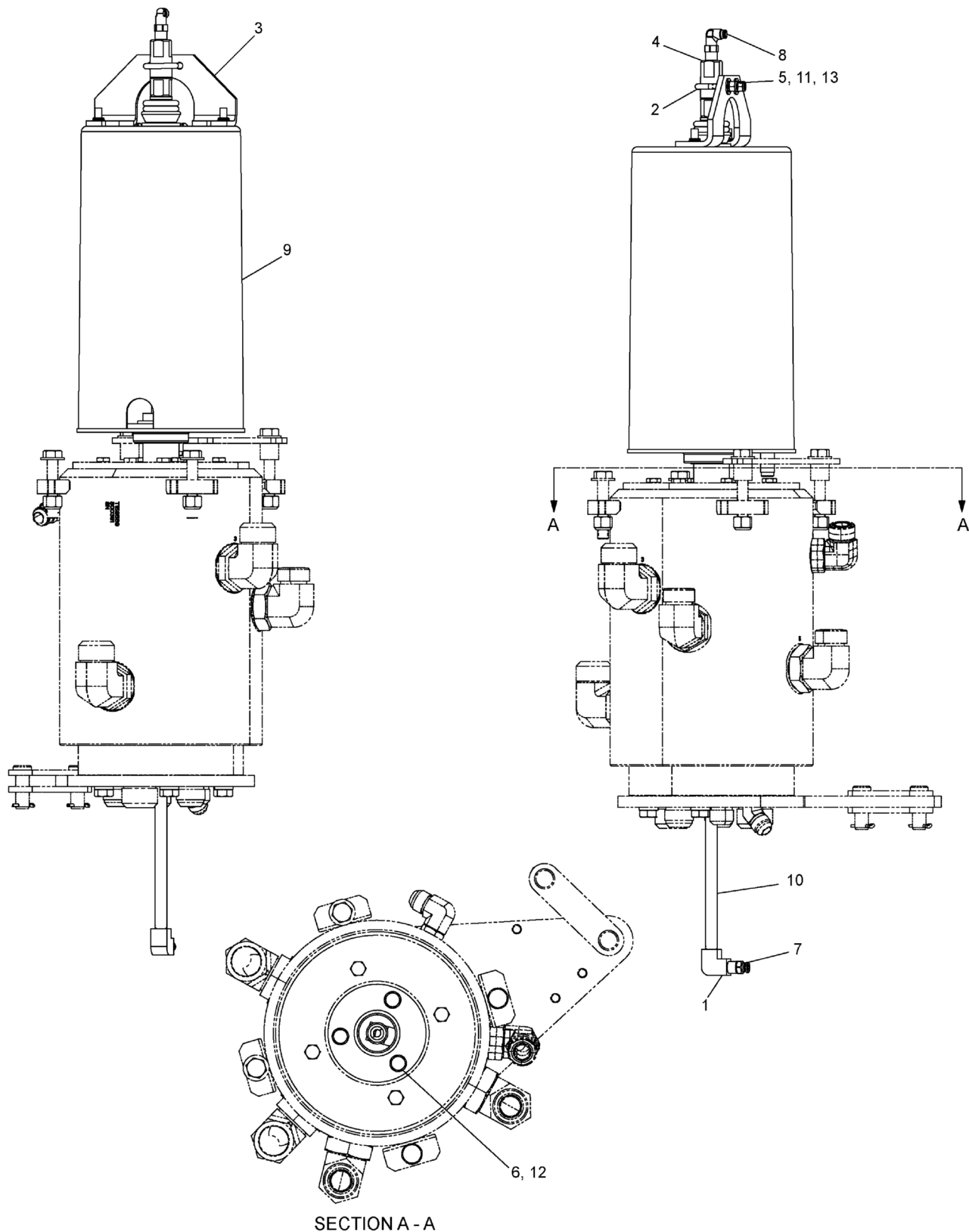


WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T119344 (Rev. C)	<i>Swivel Assembly</i>	
1	12019-124	Elbow, 90, MJIC-10/MORB-8	1
2	12019-804	Elbow, 45, MJIC-10/MORB-8	1
3	1219-389	Adapter, MJIC-12/MORB-12	1
4	1219-659	Adapter, MJIC-16/MORB-20	2
5	1219-661	Adapter, MJIC-20/MORB-20	2
6	1219-686	Elbow, 90, MJIC-20/MORB-20	2
7	200B0004-104	Spacer 0.546 X 0.84 X 0.375, ST Z	2
8	37169-020	Link	2
9	376-1102	Elbow, 90, MOFS-16/MORB-20	2
10	514-57010	Elbow, 90, MOFS-12/MORB-12	1
11	708-5824	Torque Arm	1
12	709-8076	Bracket, Anti-Rotation	1
13	NYT-500C000-22	Nut, NYLK HVYTHN 0.50-13, ST Z G2	4
14	P01-625XA75-P0	Pin, Clevis 0.625 X 1.75, STL	2
15	P02-125XA00-20	Pin, Cotter 0.125 X 1.00, ST Z	2
16	S01-500CB75-25	SCR, HHCS 0.50-13 X 2.75, ST Z GR5	2
17	S01-500CC75-25	SCR, HHCS 0.50-13 X 3.75, ST Z GR5	2
18	SHF-500CA25-25	SCR, HHCS FT 0.50-13 X 1.25, ST Z G5	4
19	T158569	Hydraulic Swivel	1
20	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	8
21	WAN-50NX000-20	WSH, FL TYPA-NRW 0.50, ST Z	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



38 PASS COLL RING ASSEMBLY

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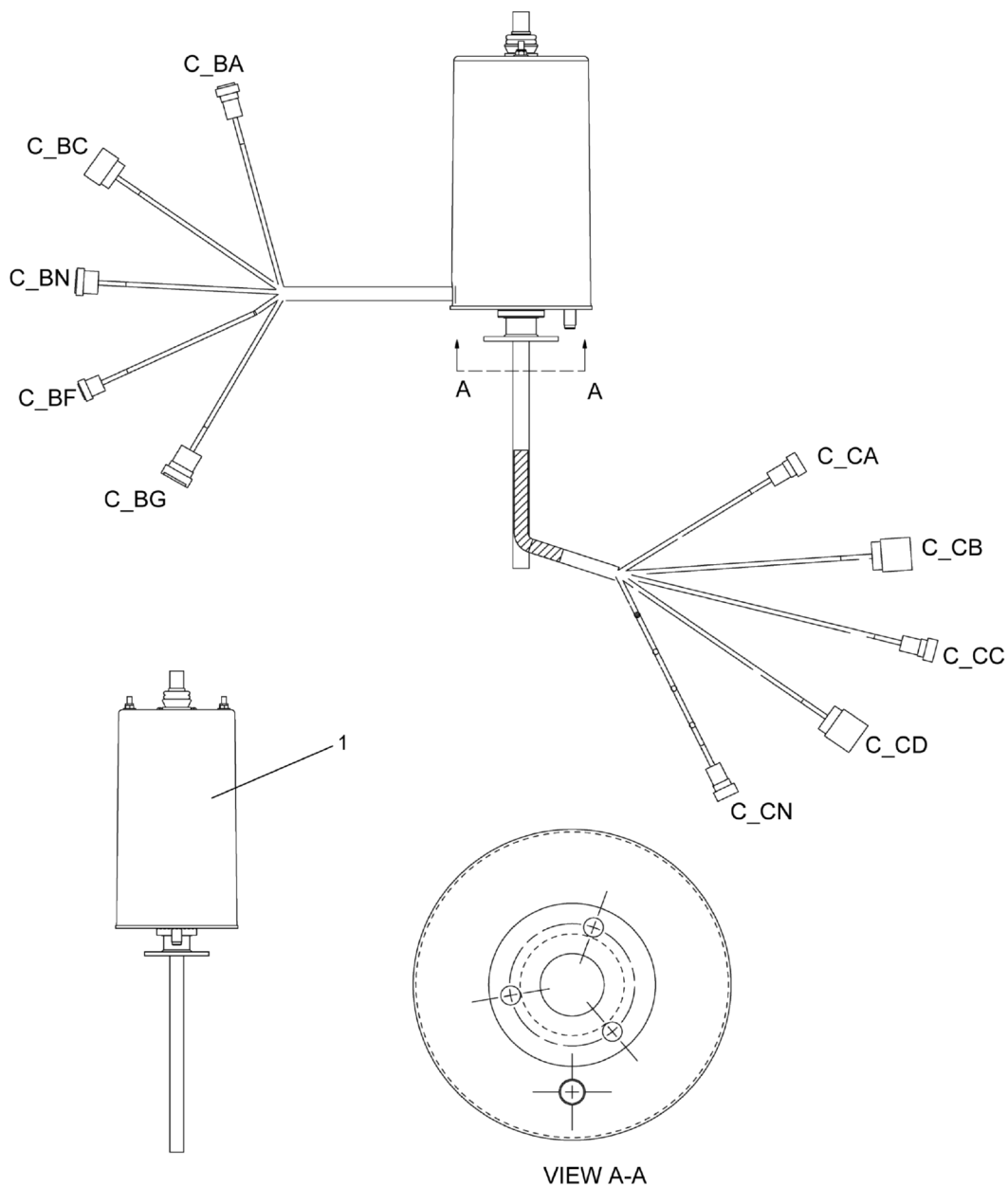
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1

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T137787 (Rev. C)	38 Pass COLL Ring Assembly	
1	12019-465	Elbow, 90°, 0.25 NPT	1
2	718-0790	U-Bolt	1
3	718-0792	Bracket, Top, COLL Ring	1
4	718-0938	Air Swivel	1
5	NYL-250C000-25	Nut, HEX NYL-INS 0.25-20, ST SQC G5	2
6	SHF-375C750-25	SCR, HHCS FT 0.375-16 X 0.75, ST SQC G5	3
7	T116914	Adapter, MNPT-4/PTC-4	1
8	T118090	Elbow, 90, MNPT-4SW/PTC-4	1
9	T137787-Slip Ring	Slip Ring, 38 Circuit (see page 151)	1
10	T137786	Pipe, EXT Length 0.25, GALV STL	1
11	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST SQC	2
12	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	3
13	WBR-25RX734-20	WSH, FL TYPB-REG 0.25, ST Z	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	38 PASS COLL RING ASSEMBLY	DATE: Revised 09-2017	CHAPTER 1
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T137787-Slip Ring (Rev. 00)	<i>Slip Ring, 38 Circuit</i>	
1	T125650	Slip Ring, 38 Circuit	1

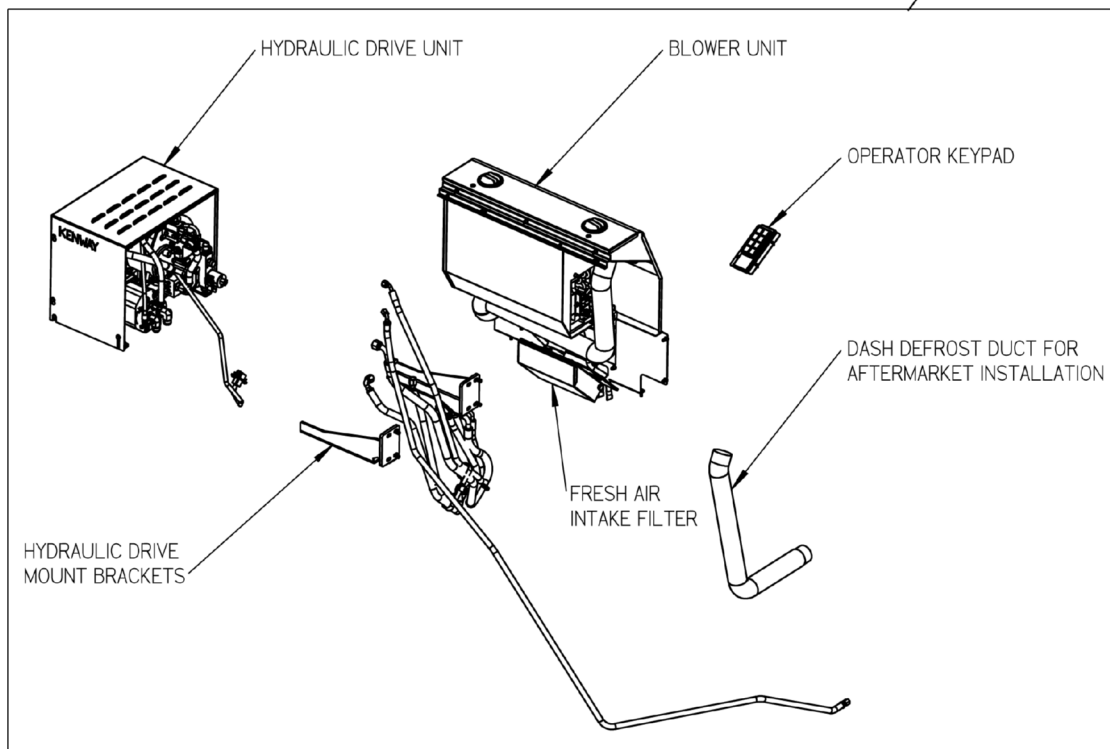
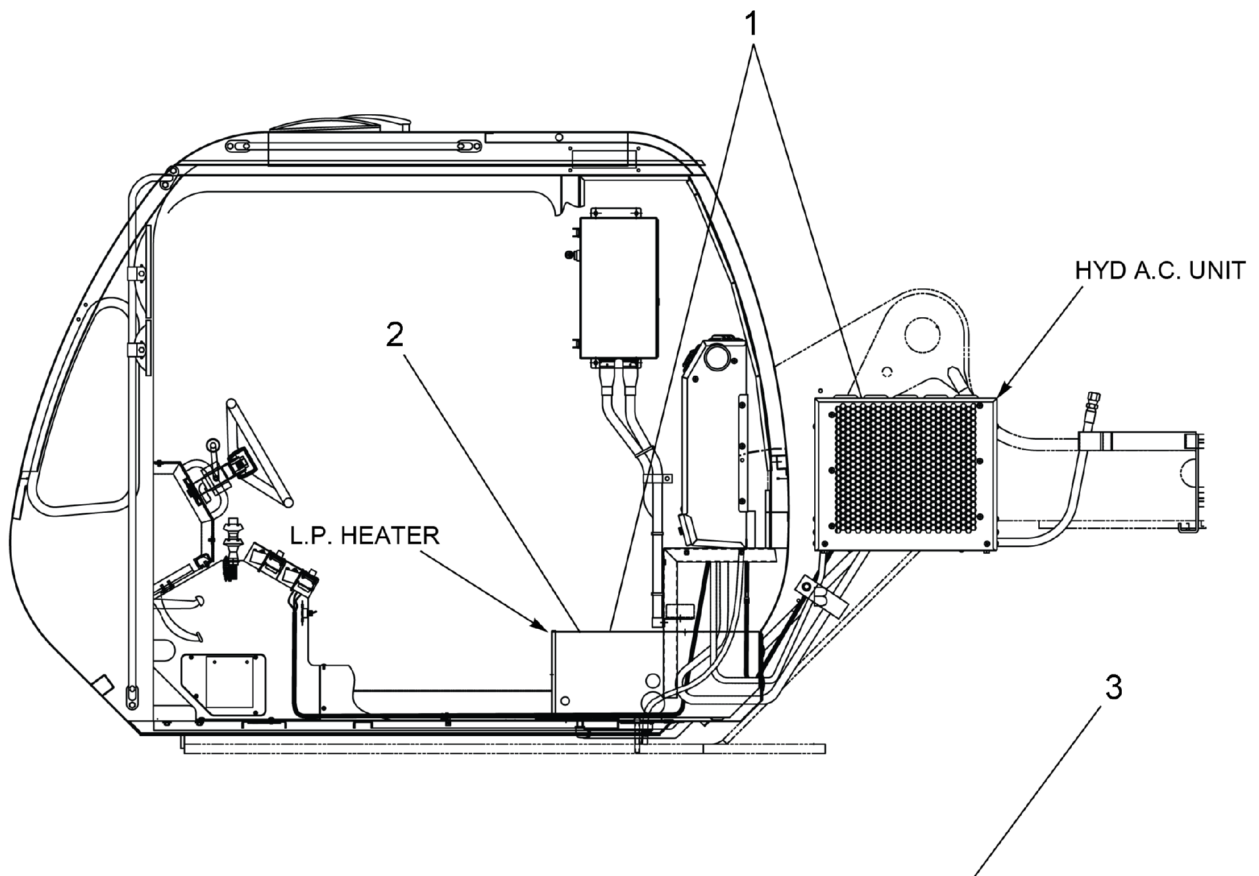
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

REF	PART NO.	DESCRIPTION	QTY
	T108726 (Rev. G)	<i>Dash Assembly Upper</i>	
1	T125035	Decal, Upper Dash	1
2	719-0201	Switch, Swing Lock	1
3	SHF-250C500-25	SCR, HHCS FT 0.25-20 X 0.50, ST SQC G5	2
4	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST SQC	2
5	T109503	SW Rocker Outrigger Swing, FR	1
6	1223-997	SW Rocker Outrigger	2
7	1223-998	SW Rocker Outrigger	2
8	1223-1024	Lens Amber	2
9	1223-1022	Lens, Red	2
10	1223-1002	SW Rocker Defrost	1
11	1223-1030	SW Rocker Washer	1
12	1223-1029	SW Rocker Wiper	1
13	1223-996	Switch, Extend/Retract Rocker	1
14	1245-194	Gauge, Water TEMP	1
15	1245-200	Tachometer	1
16	1245-195	Gauge, Oil Press	1
17	1245-202	Urea Gauge	1
18	T160366	Switch, E-Stop	1
19	1223-858	Switch, Ignition Poll	1
20	719F0954	Dash Panel Upper	1
21	1223-1020	Socket	4
22	1223-1021	Lamp	4
23	1223-1004	Center Mount	4
24	1223-1005	Side Mount	4
25	1223-1006	Panel Plug	4
26	1223-1011	SW Rocker Lights	1
27*	709 6827	Bracket	1
28*	450 0006	Alarm	1
29*	1222-184	Plastic Tie	20
30*	1223-626	Fan, Defrost	1
31	T109504	SW Rocker Outrig Swing RE	1
32*	NKL-190C000-25	Nut, HEX, K-LOCK 10-24, ST SQC G5	4
33*	T125034	Harness Upper Dash	1
34	S01-375CB50-25	SCR, HHCS 0.375-16 X 2.50, ST SQC G5	1
35	N04-375C000-2A	Nut, HEX 0.375-16, ST SQC GA	4
36	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	3
37	1245-162	Hour Meter	1
38*	441-6828	Relay	4
39*	SL4-190C375-20	SCR, SLT RND MS 10-24 X 0.375 ST SQC	4

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	DASH ASSEMBLY UPPER	DATE: Revised 03-2019	CHAPTER 1
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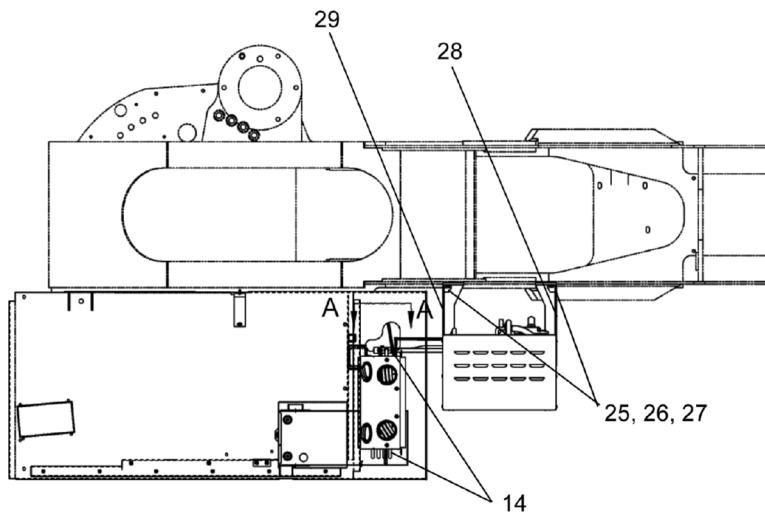
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	XO 6000-AC&HEATER-OPTs* <i>Upper Cab A.C. & Heater Options</i> (Rev. 00)		
1	T120240	Hydraulic A/C & L.P. Heater (see page 156)	1
1A	710A0651	Hydraulic A/C & L.P. Heater (see page 177)	1
2	719A0113	L.P. Heater Assembly, Suburban (see page 159)	1
3	T110023	Deluxe A/C & Flameless Heat (see page 180)	1
4**	709A7628	No Heater - Includes Cover (see page 205)	1

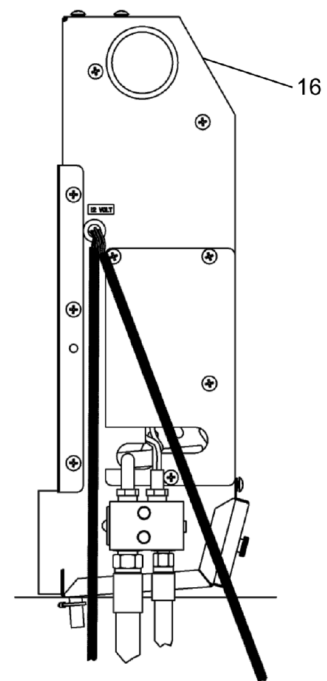
* NOT PURCHASABLE AT THIS LEVEL
** ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

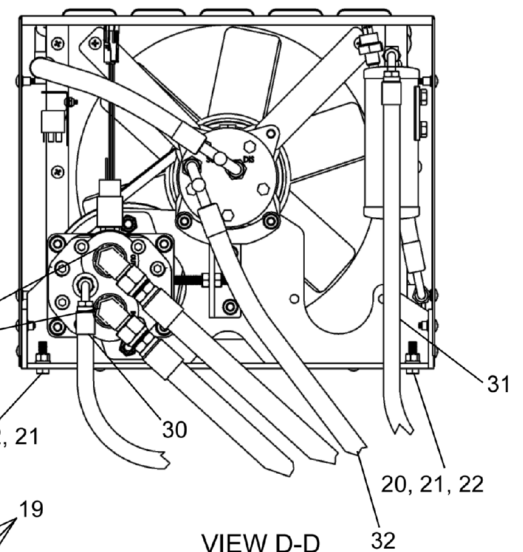
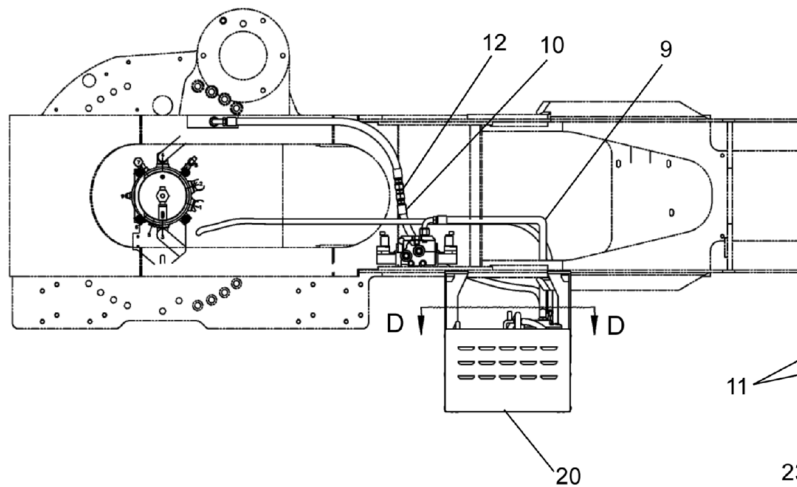
	A/C & HEATER OPTIONS	DATE: Revised 11-2014	CHAPTER 1
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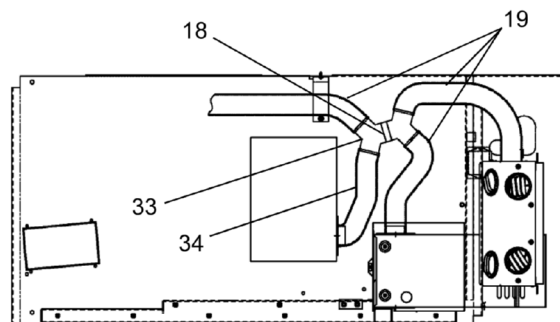
MOUNTING DETAIL OF CAB BLOWER
AND HYD. A/C UNIT



VIEW A-A

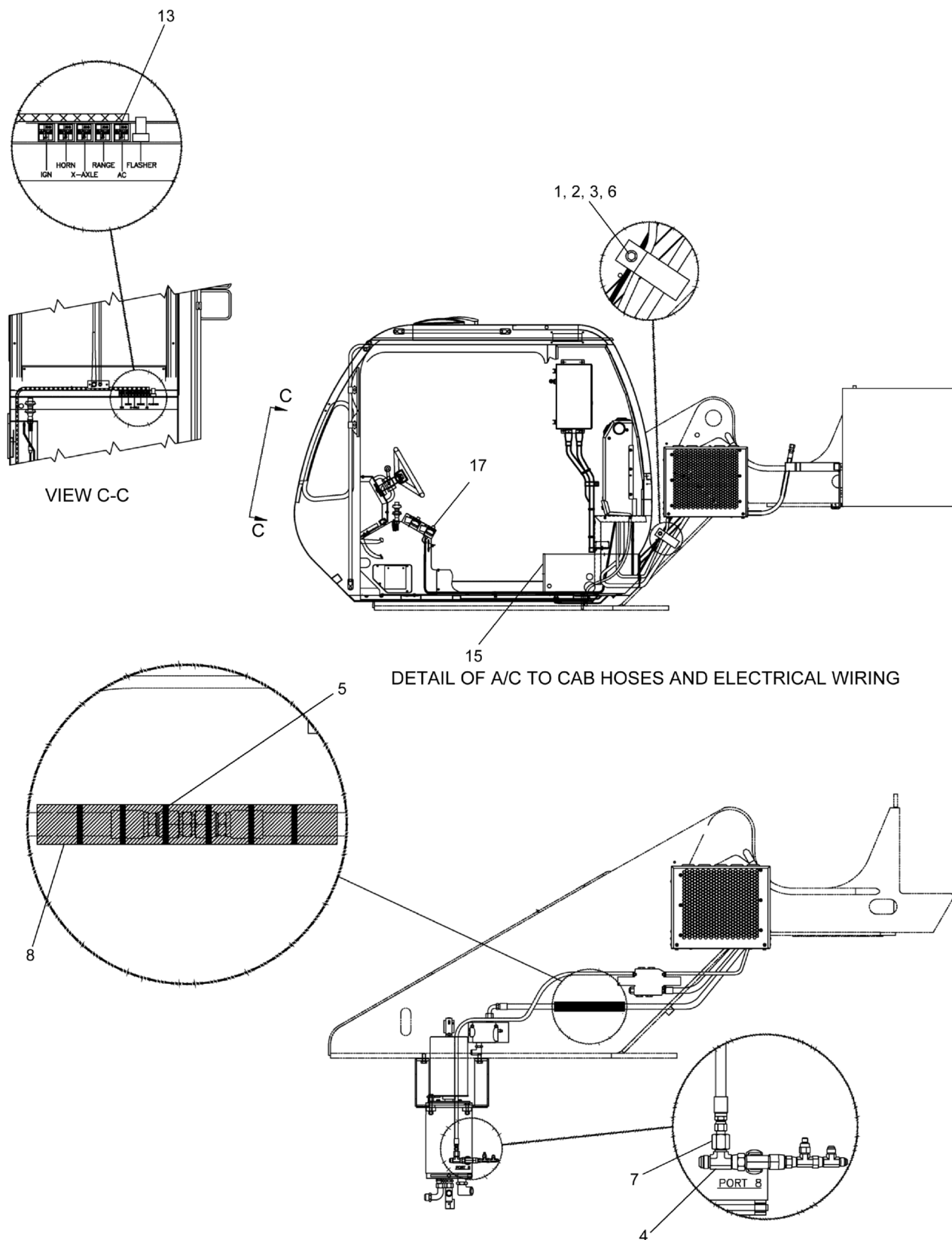


VIEW D-D



DETAIL OF FLEX HOSE PLUMBING

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



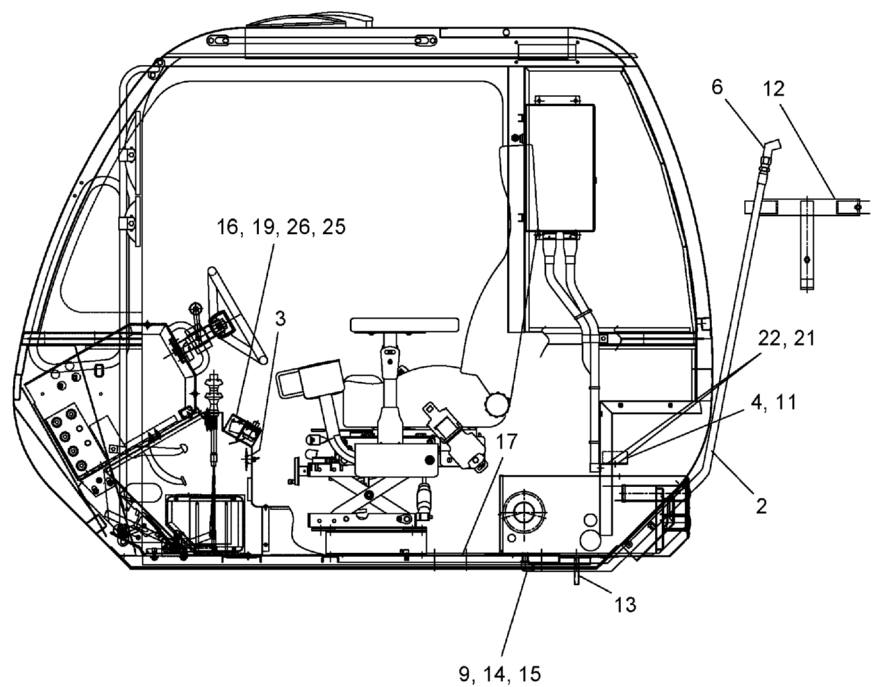
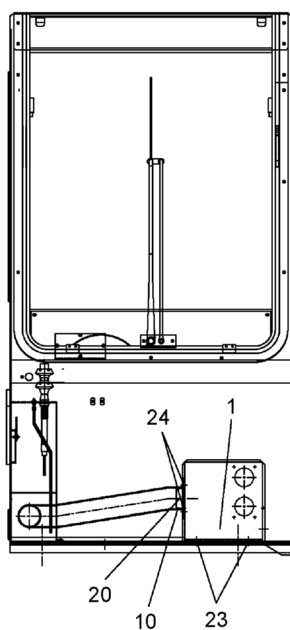
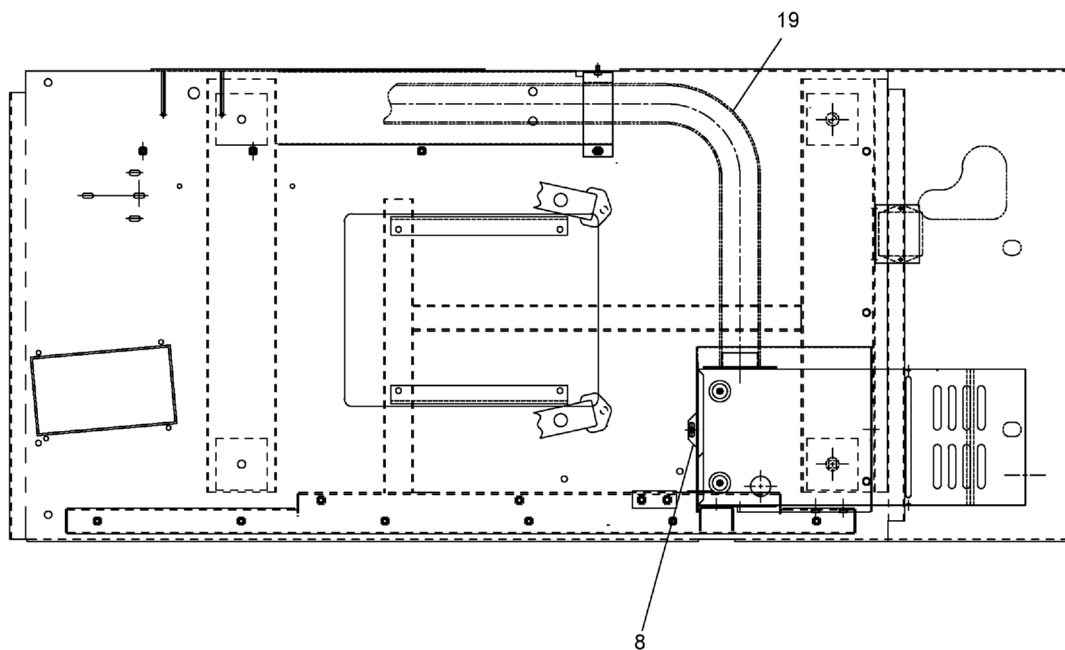
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

REF	PART NO.	DESCRIPTION	QTY
	T120240 (Rev. B)	<i>Hydraulic A/C & L.P. Heater</i>	
1	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST SQC G5	1
2	WAW-31WX000-20	WSH, FL TYPA-WID 0.3125, ST SQC	1
3	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	1
4	1219-956	Tee, SW Nut Run, -10	1
5	1222-202	Tie Plas CABL NT340 15"	6
6	1240-29	Clamp	1
7	12019-457	Reducer, STR, -10 -6	1
8	12508-24	Sleeve	1
9	MK212382-40	Hose, -12	1
10	709 5311-46	Hose, -12	1
11	1219-802	Adapter, 90°, -12	2
12	1219-820	Adapter, JIC/JIC	1
13	441 6828	Relay, 12V	1
14	SHF-250C750-25	SCR, HHCS FT 0.25-20 X 0.75, ST SQC G5	2
15	719A0113	L.P. Heater Assembly, Suburban (see page 159)	1
16	710-0652	Blower Unit, Cab Kenway (see page 164)	1
17	Bag ASSY, Switch Plate	Bag ASSY, Switch Plate	1
18	Adapter, "Y" Flex Hose 2.5"	Adapter, "Y" Flex Hose 2.5"	1
19	Flex Tube 2.5" OD X 18"	Flex Tube 2.5" OD X 18"	3
20	710-0653	Hydraulic A/C Unit Kenway (see page 169)	1
21	HHCS, 3/8 X 1-1/4 GR8	HHCS, 3/8 X 1-1/4 GR8	4
22	Washer, Lock 3/8 ID	Washer, Lock 3/8 ID	4
23	Nut, HEX 3/8-16NC	Nut, HEX 3/8-16NC	4
24*	710A0654	Hoses and Mounting Kit Kenway (see page 171)	1
25	Washer, Lock 3/8" ID	Washer, Lock 3/8" ID	4
26	Washer, Flat 3/8"/ M10	Washer, Flat 3/8"/ M10	4
27	HHCS 3/8 X 1-1/4 GR8	HHCS 3/8 X 1-1/4 GR8	4
28	Bracket, Left Mounting	Bracket, Left Mounting	1
29	Bracket, Right Mounting	Bracket, Right Mounting	1
30	Hose, Case Drain -6	Hose, Case Drain -6	1
31	Hose, Refrigerant -6	Hose, Refrigerant -6	1
32	Hose, Refrigerant -10	Hose, Refrigerant -10	1
33	T123025	Adapter, "Y" Flex Hose 2.5"	1
34	T123024	Flex Tube 2.5" OD X 24"	1
35*	T135323	R134a Refrigerant	2.4

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	HYDRAULIC A/C & L.P HEATER	DATE: Revised 11-2014	CHAPTER 1
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HEATER ASSEMBLY, SUBURBAN

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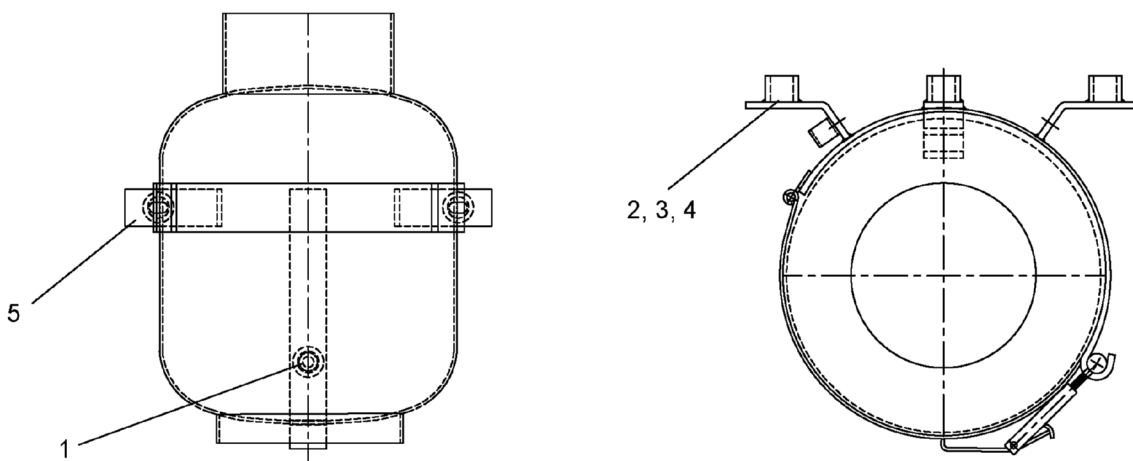
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REF	PART NO.	DESCRIPTION	QTY
	719A0113 (Rev. M)	L.P. Heater Assembly, Suburban	
1	719-0223	Suburban Propane Heater	1
2	719A0930	Hose ASS'Y & FTG	1
3	12400-1048	Heater Decal	1
4	1223-1076	Slope Alert Tilt Sensor	1
5*	719-0227	L.P. Regulator	1
6	12019-66	Elbow, 45, MNPT-6/MSAE45-6	1
7*	1221-147	Silicone Sealant	1
8	719-0471	Heater Cover	1
9	12019-62	3/8 Pipe to -6 JIC	1
10	719F0482	Adapter Flange	1
11	719-0476	Slope Alert Mounting Panel	1
12	719A0440	L.P Bracket Kit (see page 161)	1
13	1233-75	1/2-13 X 3 1/2 LG. Carriage Bolt	1
14	1219-641	3/8 X 90° Pipe Elbow	1
15	1219-199	3/8 X 2 1/2 Pipe Nipple	1
16	200B2007-3	P-Clamp	1
17	SFS-250C750-25	SCR, HXFLG SERR 0.25-20 X 0.75, SQC G5	2
18*	441-6828	Relay	1
19	1233-78	#6-32 X 3.00 LG. R.H.M.S.	2
20	1240-291	Clamp	2
21	NKL-190C000-25	Nut, HEX, K-LOCK 10-24, ST SQC G5	4
22	SL5-190C500-20	SCR, CREC RND MS 10-24 X 0.50, ST SQC	4
23	SFS-250C750-25	SCR, HXFLG SERR 0.25-20 X 0.75, SQC G5	2
24	1236-6	#8 X 3/4" Sheet Metal Screw	5
25	719A0225	Thermostat Assembly (see page 162)	1
26	719 0479	Kenway Remote Spacer Box	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	HEATER ASSEMBLY, SUBURBAN	DATE: Revised 04-2019	CHAPTER 1
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719A0440 (Rev. M)	<i>L.P. Bracket Kit</i>	
1	S16-375CA75-20	SCR, FHSCHS 0.375-16 X 1.75, ST SQC	1
2	S01-375CB00-25	SCR, HHCS 0.375-16 X 2.00, ST SQC G5	2
3	WAR-375X000-22	WSH, FL TYP A-REG 0.375, ST SQC G2	2
4	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	2
5	719F0498	Bracket L.P.	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



L.P BRACKET KIT

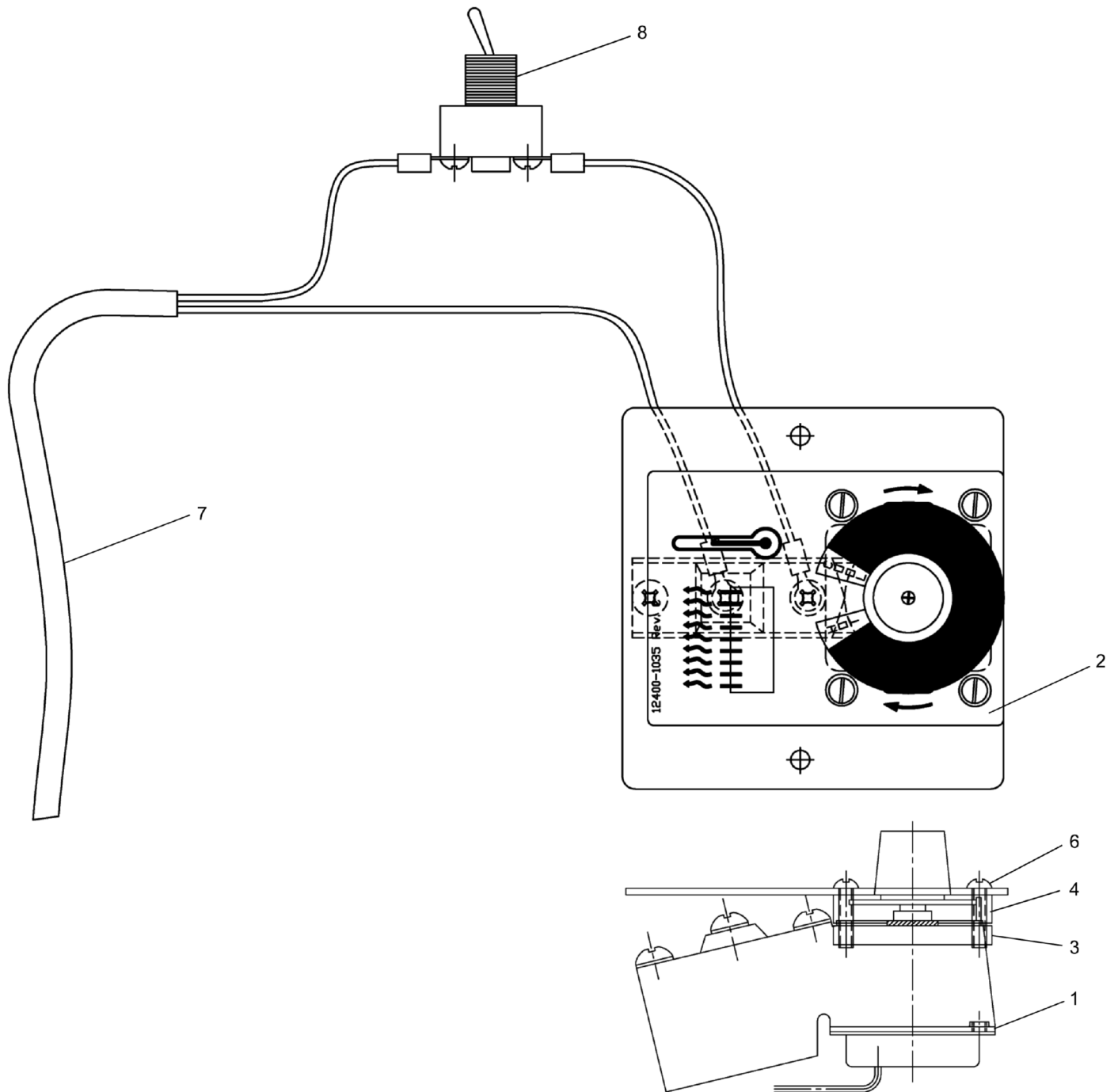
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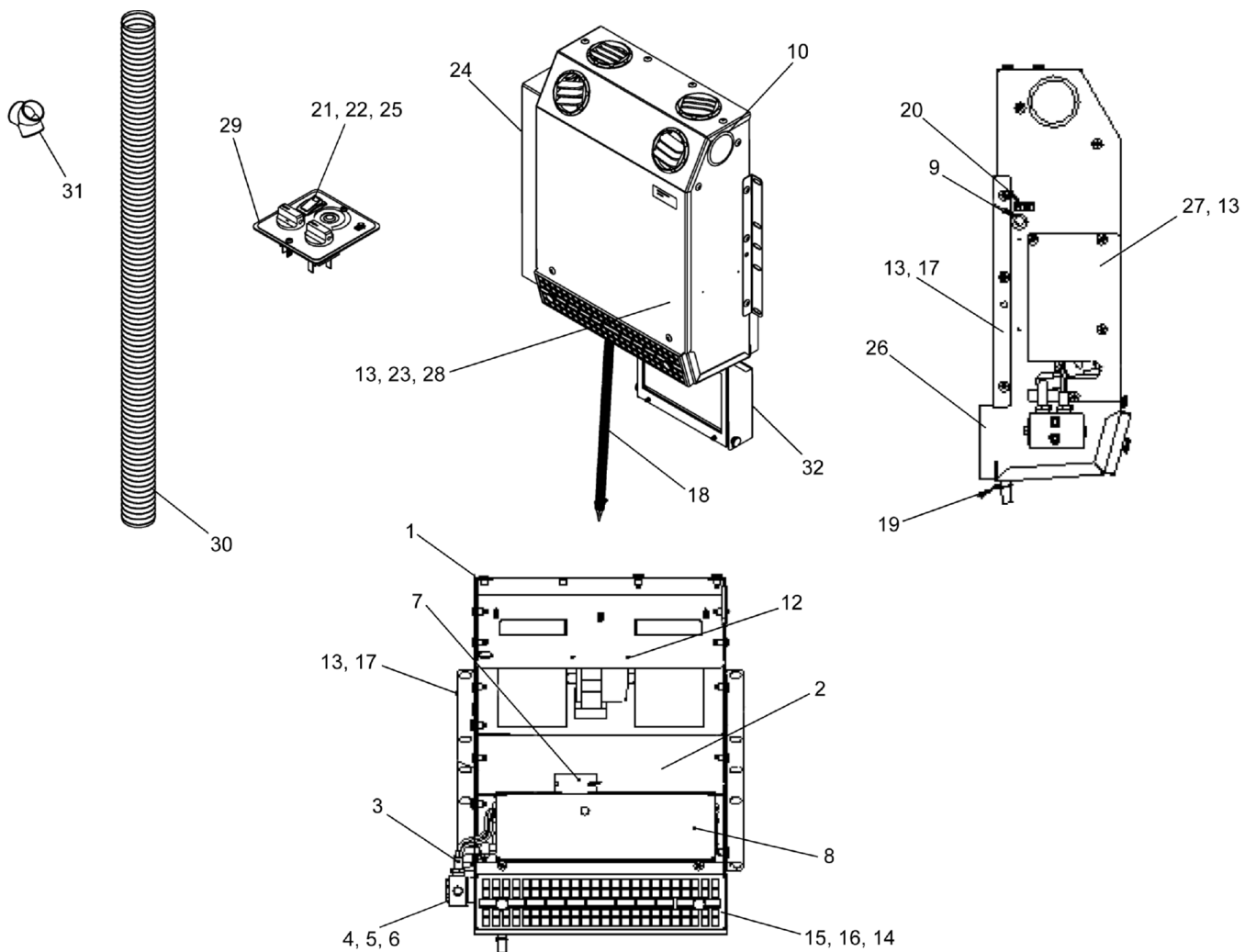
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719A0225 (Rev. F)	<i>Thermostat Assembly</i>	
1	719 0817	Thermostat	1
2	12400-1035	Decal	1
3	719 0611	Keeper	2
4	719 0612	Spacer Bar	2
5*	719 0470	Thermostat MTG. Cover	1
6	1233-76	#6-32 X .75 LG RD HD MACH SCR	4
7	719 0913	Heater Harness	1
8	1223-1025	SPST Toggle Switch	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



BLOWER SYSTEM KENWAY

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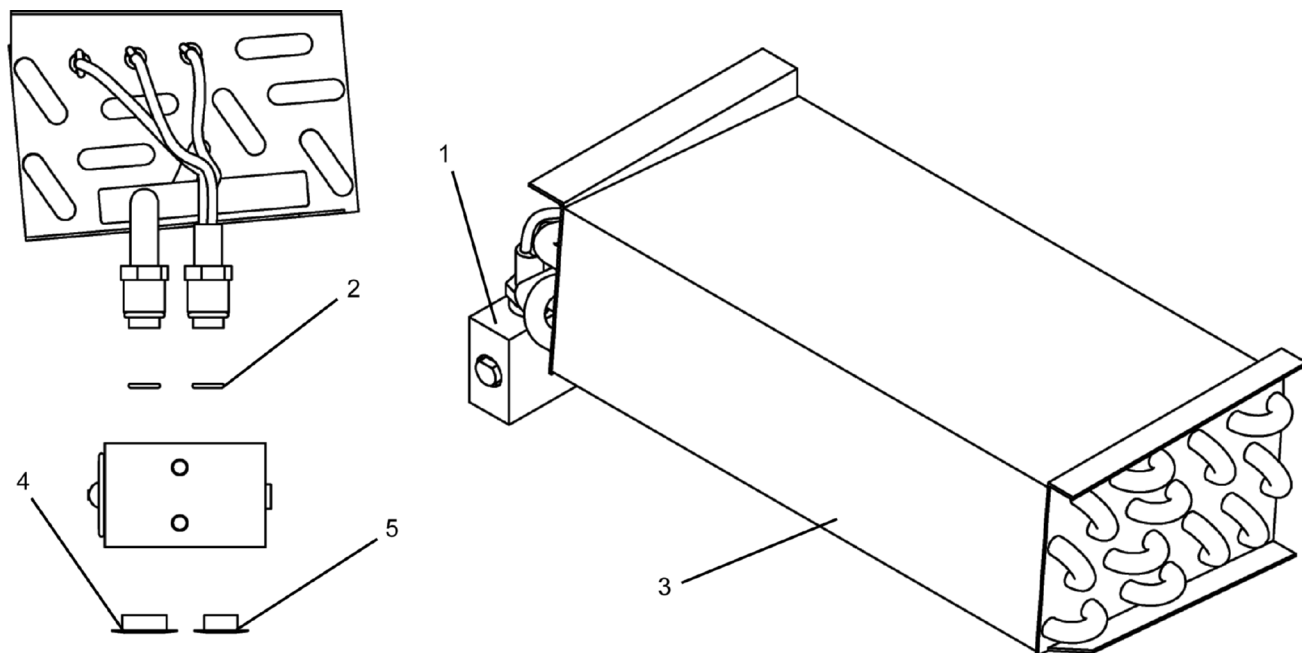
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REF	PART NO.	DESCRIPTION	QTY
	710-0652 (Rev. 00)	Blower Unit, Cab Kenway	
1	227721	Weldment, HSG	1
2	227722	Foam, Coil Rear 1/8"	1
3	223813	ASSY, EVAP Coil (see page 166)	1
4	221817	Washer Lock 1/4 YZ	2
5	221831	HHCS 1/4-20 NC X 2 7P	2
6	223812	Spacer Plastic EXP Valve	1
7	219733	Thermostat, Fixed	1
8	228251	Cover, Coil VW7 AC Only	1
9	223817	Grommet, Hole 0.75	1
10	227724	Plug Hole 2 1/2 Dia Plastic	2
11*	220241	Wire Harness	1
12	227725	ASSY, Blower	1
13	221862	Screw, PTH 1/4-20 X 3/4 Black Zinc	1
14	228252	Filter, RECIRC	1
15	223822	Bracket, Filter	1
16	219738	Thumb Screw	2
17	227726	Bracket, Angle Side MNT	2
18	221871	Hose, Drain 1/2" X 24" CORRUGATED	1
19	221873	Tie, Plastic 4"	1
20	223827	Decal, 12 Volt	1
21	215844	Switch, Fan	1
22	219730	3 position Mode Switch W/ Off	1
23	227728	ASSY, Cover	1
24	227729	Shield, Side	1
25	220246	Switch, Rocker Lighted	1
26	223828	Gasket, MD VW7 Air Intake	1
27	228253	Plate, Cover VW7 Air Only	1
28	221841	Label, KW Serial#	1
29	228254	Bag ASSY, Switch Plate	1
30	221854	Hose Duct, 2.5" ID X 16.5"	1
31	227730	Adapter, "Y" Flex Hose 2.5"	1
32	219836	Outside Air Kit (see page 167)	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	BLOWER SYSTEM KENWAY	DATE: Released 11-2014	CHAPTER 1
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	223813 (Rev. 00)	ASSY, EVAP Coil	
1	223829	Valve, EXP. Block	1
2	215839	O-RING, #8 R-12/R134A	2
3	215834	Coil, EVAP	1
4	223830	Cap, Plastic #10 FIOR	1
5	223831	Cap, Plastic #6 FIOR	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ASSEMBLY, EVAP COIL (CARRIER CAB)

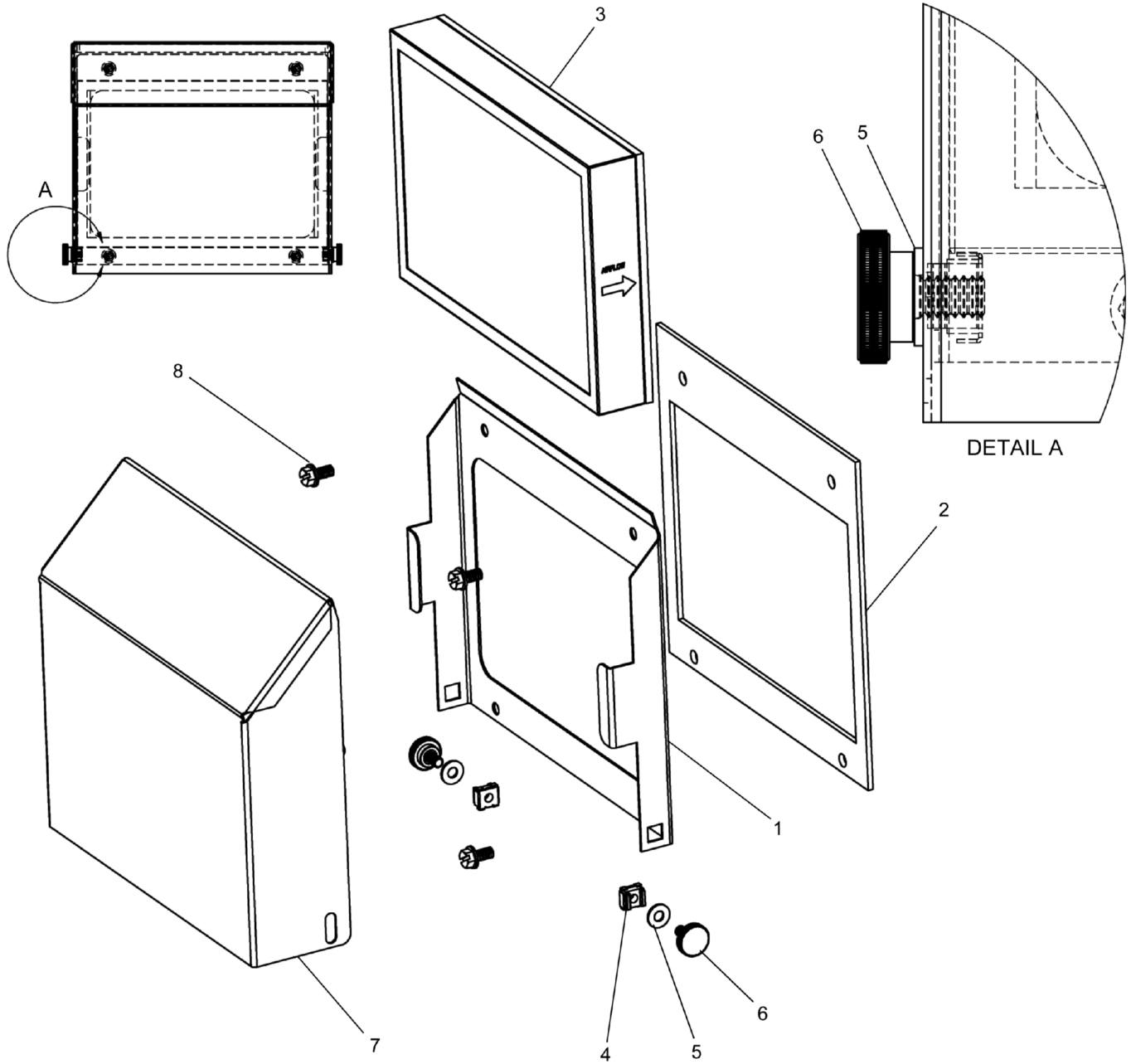
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OUTSIDE AIR KIT (CARRIER CAB)

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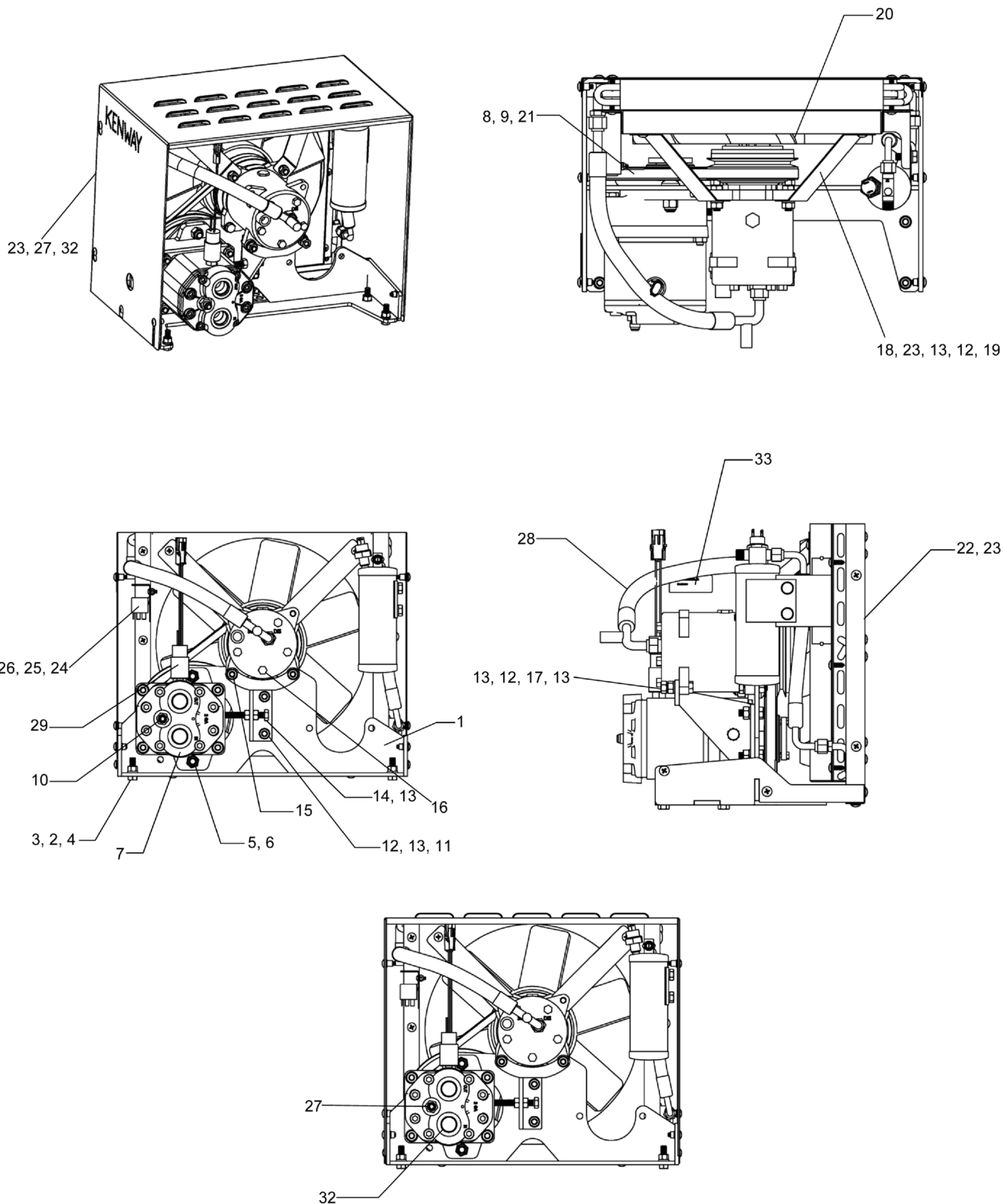
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	219836 (Rev. 00)	<i>Outside Air Kit</i>	
1	219832	Base, Filter	1
2	223835	Gasket	1
3	223836	Filter, Paper 1.25"X6.2"X 9.33" W/Reversed Air Flow	1
4	217215	Nut, Retainer 1/4-20 NC	2
5	219834	Washer, Flat 3/16"	2
6	217214	Thumb Screw 1/4 NC X 1/2"	2
7	219833	Cover Filter	1
8	221894	HWH Slotted 1/4-20 X .5" - Self Tapping	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	OUTSIDE AIR KIT (CARRIER CAB)	DATE: Released 04-2017	CHAPTER 1
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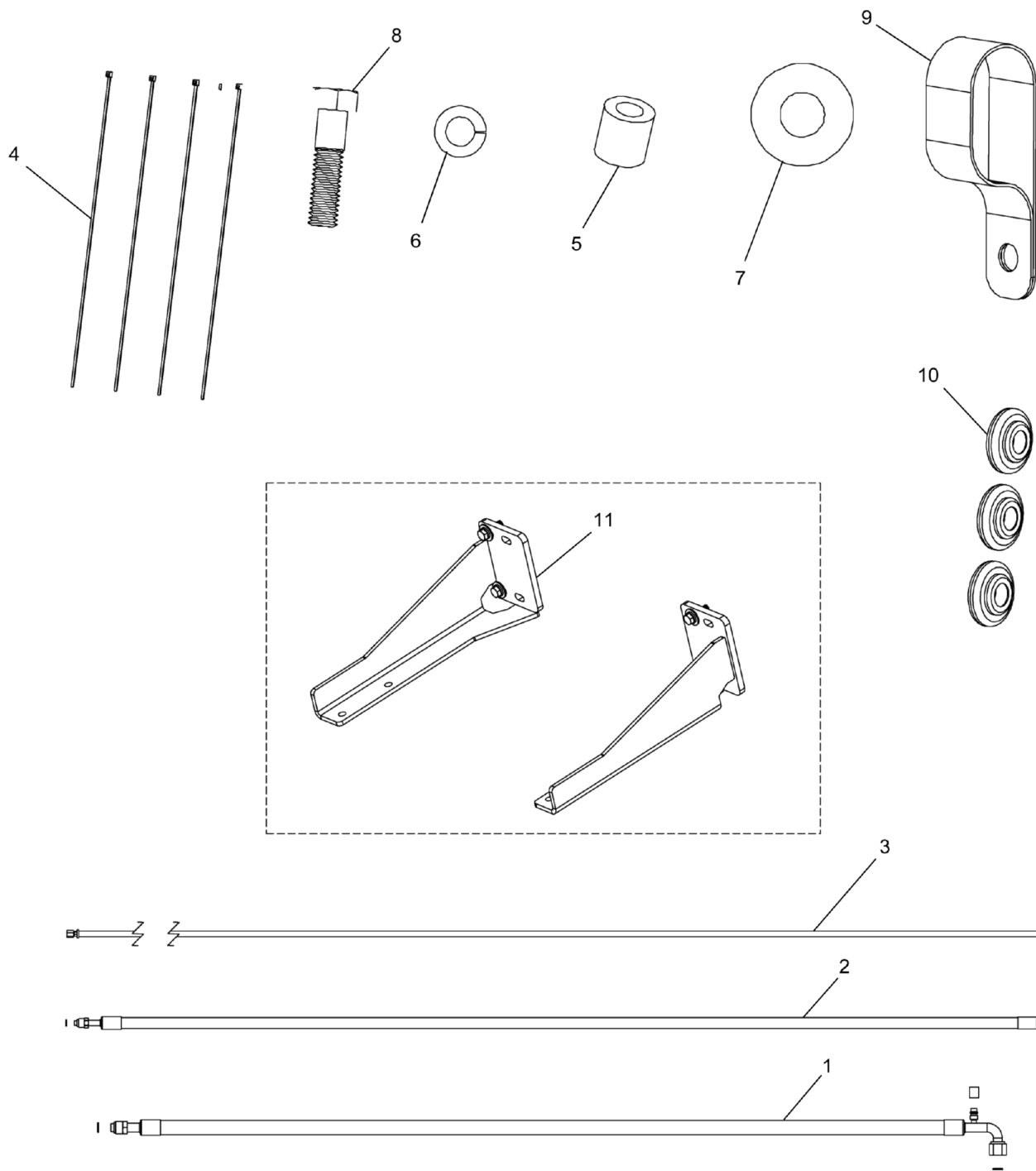
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	710-0653 (Rev. 00)	<i>Hydraulic A/C Unit Kenway</i>	
1	223056	Base, HYD	1
2	221798	Nut, HEX 3/8-16NC YZ	4
3	223849	Washer, Lock 3/8" ID	4
4	221800	HHCS 3/8 NC X 1-1/4 GR8 ZP	4
5	221810	Nut HEX 1/2-13 NC NYLOCK ZP GR	2
6	221809	Carriage Bolt, 1/2 NC X 1.5 ZP	2
7	223057	Motor, HYD Gear 7/8" Straight Shaft, B-Mount	1
8	223058	Pulley, 1-AG 7.75 OD Tapered Hub	1
9	221812	Bushing, 7/8" ID Split W/ 1/4 KEYWAY	1
10	223059	Adapter, #6MB - #6MJ	1
11	223060	BRKT, COMP MTG	1
12	221819	Washer, Lock M10 ZP	8
13	221820	Nut, HEX M10-1.5 YZ	8
14	223061	HHCS M10-1.5 X 70 Full Thread ZP	1
15	219935	HHCS M10-1.5 x 35mm GR 10.9 YZ (16mm-Head)	3
16	217194	COMP, SD5H14 12 N 4 4L 4L H O 5.25"	1
17	221823	HHCS M10 - 1.5 X 40mm GR10.9 YZ (16mm-Head)	1
18	223062	Brace	2
19	219941	HHCS M10X1.5 X 30mm YZ	2
20	223063	Washer, Flat 1/2	3
21	223064	Belt, 1/2 X 3.40"	1
22	223065	COND, ASSY (Stainless)	1
23	221862	Screw, PTH 1/4-20 X 3/4 Black Zinc	14
24	219802	Relay, 12 Volt (5 Terminal)	1
25	223066	Screw, Button HD 10-24 3/8" BLK ZP	1
26	223067	Nut, #10-24 NYLOCK ZP	1
27	223068	Shield Bottom	1
28	219789	Hose ASSY, #8 - COND-COMPR	1
29	220243	Switch, Pressure 625 NO	1
30*	221873	Tie, Plastic 4"	1
31*	223069	Wire Harness, 17-9057 AF ('08)	1
32	223070	Cover, 17-9057	1
33	221841	Label, KW Serial#	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSES & MOUNTING KIT KENWAY

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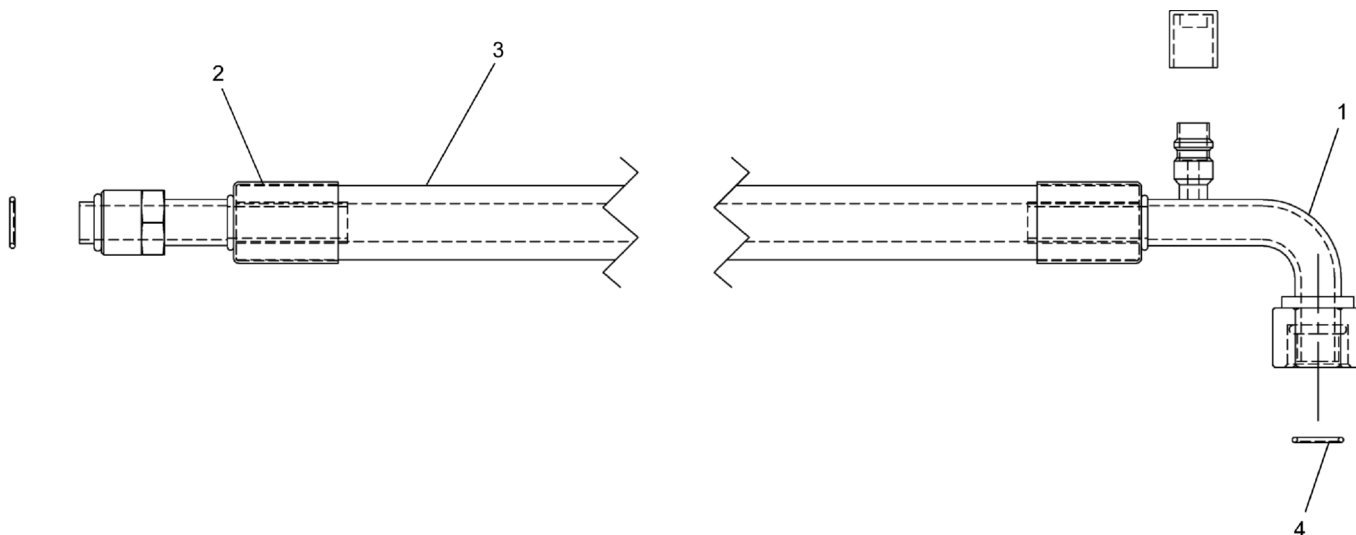
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	710A0654 (Rev. 00)	<i>Hoses and Mounting Kit Kenway</i>	
1	219830	Hose ASSY, EVAP to COMP (see page 173)	1
2	219829	Hose ASSY, Drier to EVAP. (see page 174)	1
3	219831	Hose ASSY, -6HYD Case Drain (see page 175)	1
4	216050	Tie Plastic 15"	4
5	221848	Space, Tube 3/4" LG	1
6	223849	Washer, Lock 3/8" ID	1
7	221847	Washer, Flat 3/8" / M10 - Hard YZ	1
8	221846	HHCS 3/8 NC X 1 1/2 GR8 ZP	1
9	221845	Clamp, Double Hose	1
10	216049	Grommet, Hose Hole 1.25	3
11	221844	Kit, MD 9037/47/57 MTG (see page 176)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	HOSES & MOUNTING KIT KENWAY	DATE: Revised 11-2014	CHAPTER 1
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REF	PART NO.	DESCRIPTION	QTY
	219830 (Rev. 00)	Hose ASSY, EVAP to COMP	
1	222332	FTG, AC FOR #10 90-3 (SB1323-3)	1
2	222333	FTG, AC MOR #10 STR (SB1403)	1
3	222334	Hose, REFRIG #10	1
4	220107	O-Ring #10 R-12/R134A	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE ASSEMBLY. EVAP. COMP.

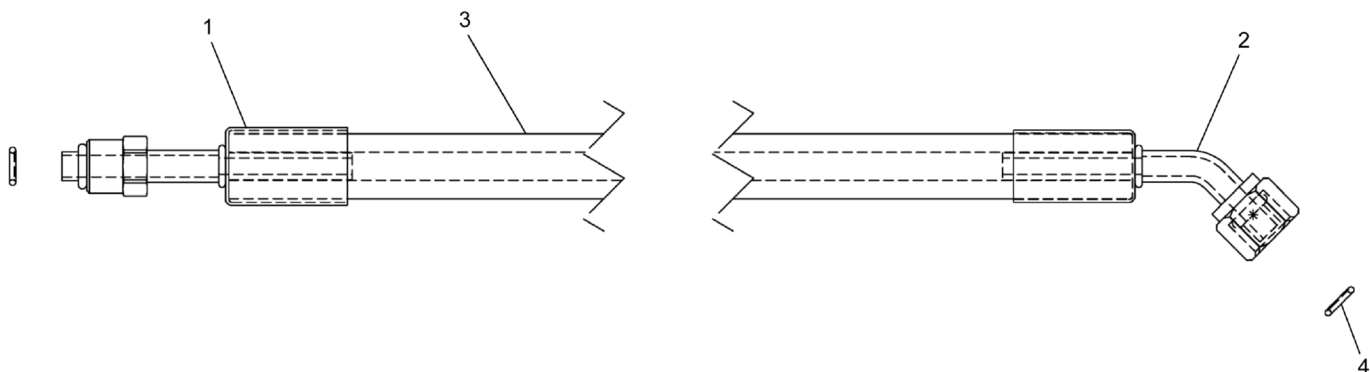
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REF	PART NO.	DESCRIPTION	QTY
	219829 (Rev. 00)	Hose ASSY, Drier to EVAP.	
1	222335	FTG, AC MOR #6 STR (SB1401)	1
2	222336	FTG, AC FOR #6 45 (SB1311)	1
3	222337	Hose, REFRIG. #6	1
4	219792	O-Ring, #6 R-134A/R-12	2

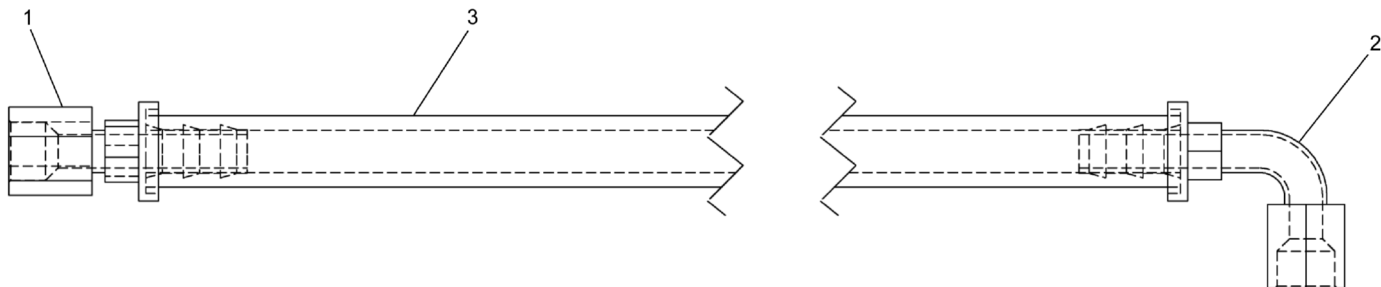
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE ASSEMBLY. DRIER TO EVAP.

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	219831 (Rev. 00)	<i>Hose ASSY, -6HYD Case Drain</i>	
1	222338	FTG, #6FJX - #6 BARB	1
2	222339	FTG, #6FJX90° - #6 BARB	1
3	222340	Hose, HYD. -6 Push Lock	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE ASSEMBLY - 6 HYD CASE DRAIN

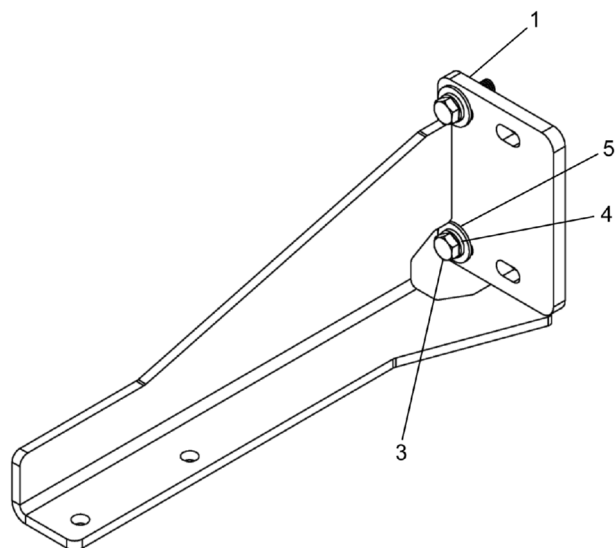
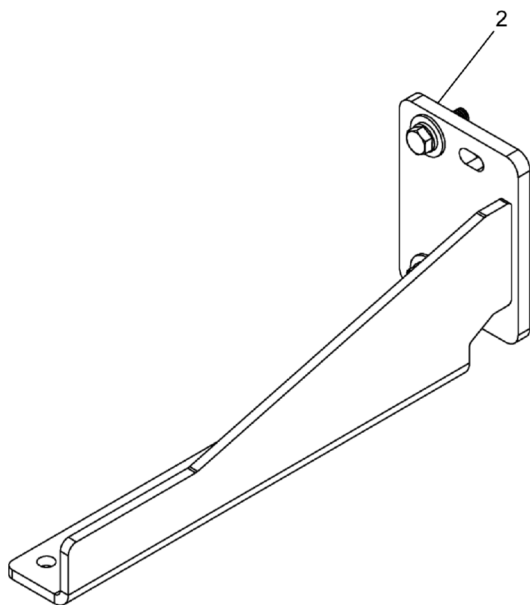
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	221844 (Rev. 00)	Kit, MD 9037/47/57 MTG	
1	222341	BRKT, MTG Right	1
2	222342	BRKT, MTG Left	1
3	221800	HHCS 3/8 NC X 1-1/4 GR8 ZP	4
4	223849	Washer, Lock 3/8" ID	4
5	221847	Washer, Flat 3/8" / M10 - Hard YZ	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



KIT, MD 9037/47/57 MTG

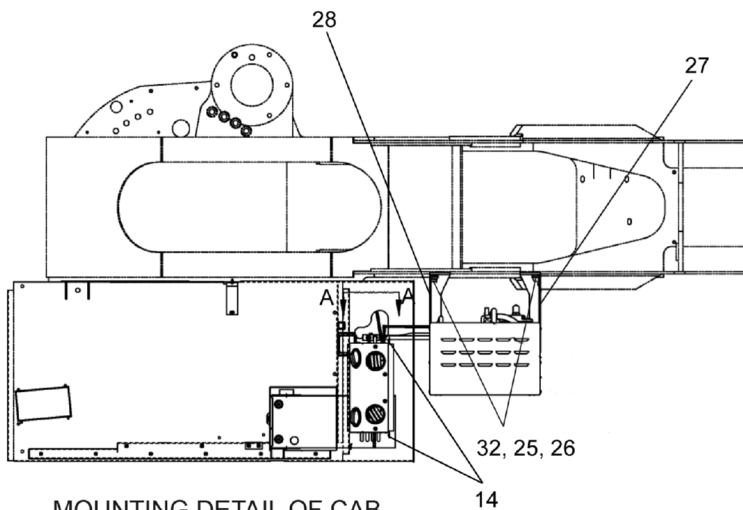
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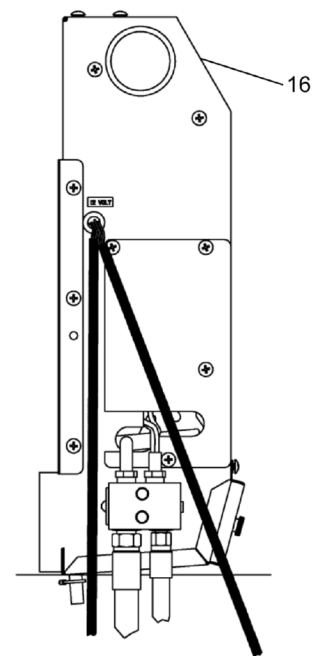
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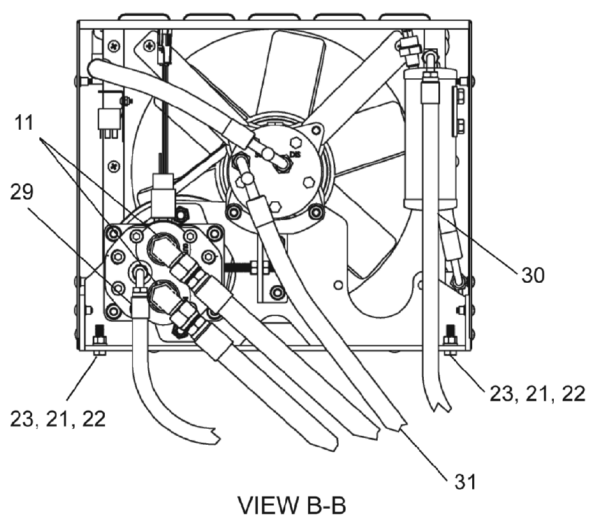
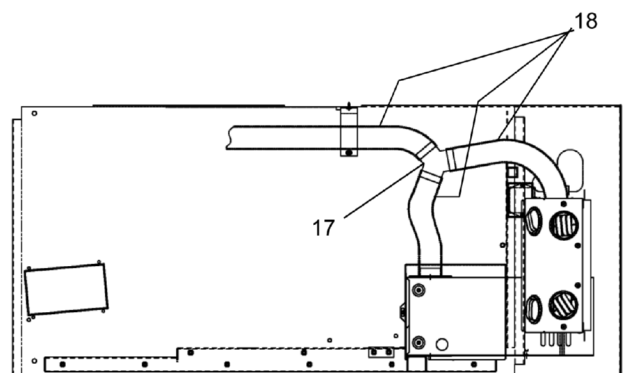
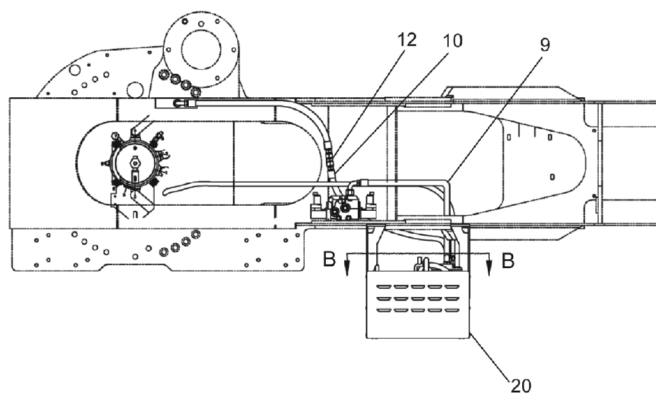
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MOUNTING DETAIL OF CAB
BLOWER AND HYD. A/C UNIT



VIEW A-A



VIEW B-B

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HYDRAULIC A/C & L.P. HEATER

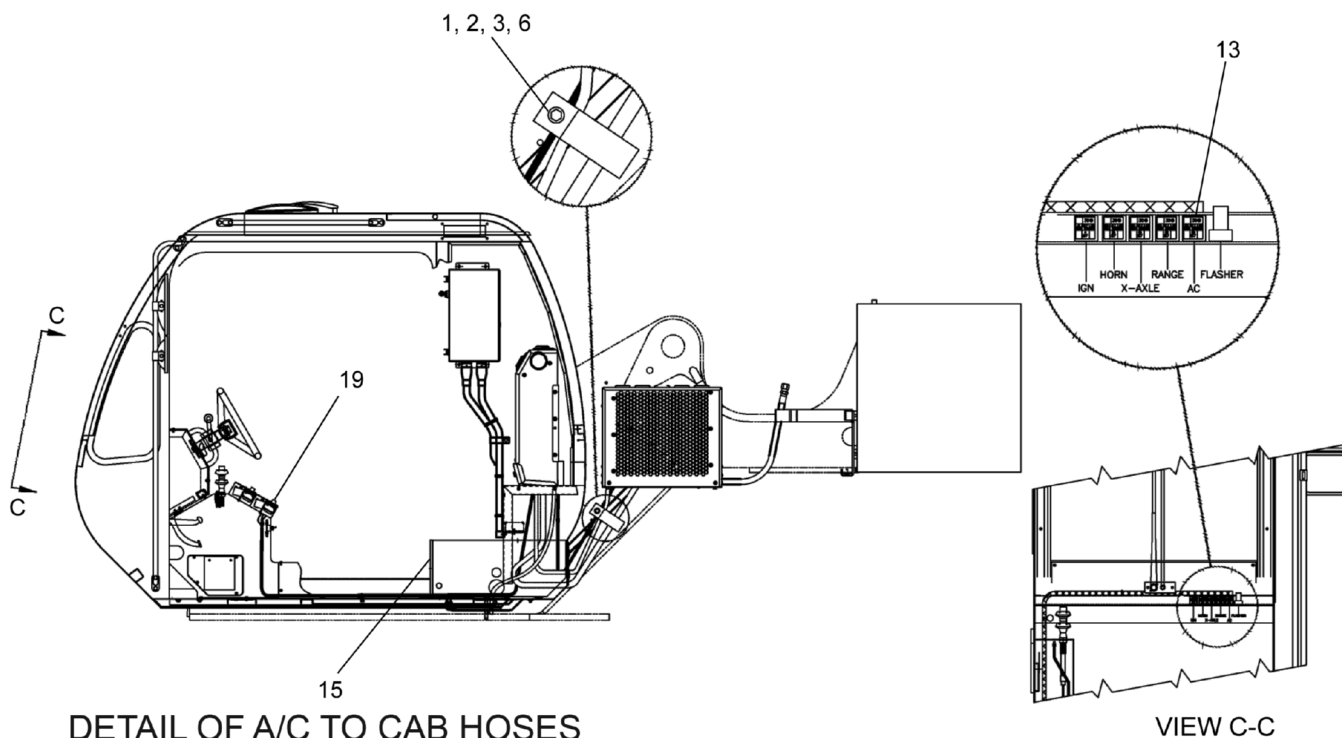
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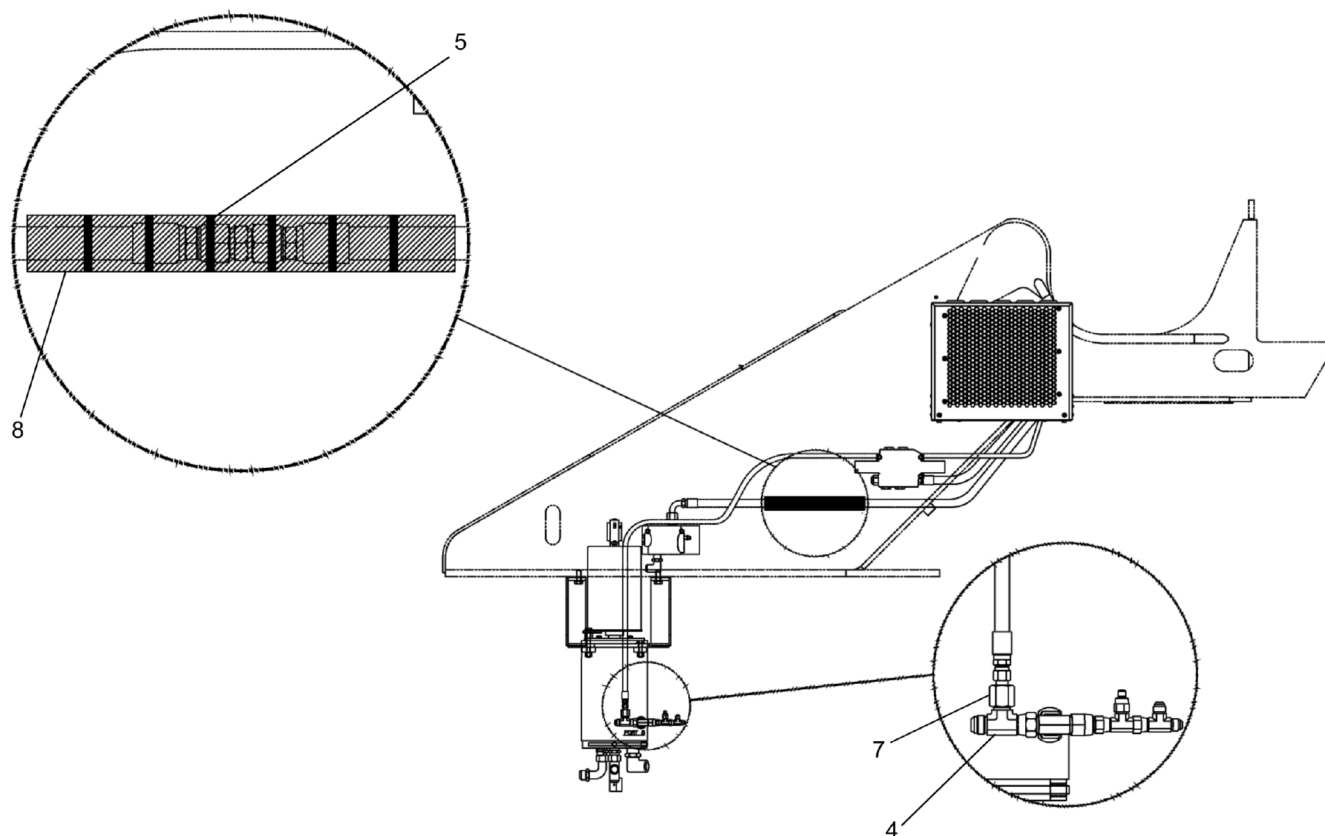
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DETAIL OF A/C TO CAB HOSES
AND ELECTRICAL WIRING



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

REF	PART NO.	DESCRIPTION	QTY
	710A0651 (Rev. B)	<i>Hydraulic A/C & L.P. Heater</i>	
1	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST SQC G5	1
2	WAN-31NX000-20	WSH, FL TYP A-NRW 0.3125, ST SQC	1
3	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	1
4	1219-956	Tee, SW Nut Run, -10	1
5	1222-202	Tie Plas CABL NT340 15"	6
6	1240-29	Clamp	1
7	12019-457	Reducer, STR, -10 -6	1
8	12508-24	Sleeve	1
9	MK212382-40	Hose, -12	1
10	709 5311-46	Hose, -12	1
11	1219-802	Adapter, 90°, -12	2
12	1219-820	Adapter, JIC/JIC	1
13	441-6828	Relay	1
14	SHF-250C750-25	SCR, HHCS FT 0.25-20 X 0.75, ST SQC G5	2
15	719A0113	L.P. Heater Assembly, Suburban (see page 159)	1
16	710-0652	Blower Unit, Cab Kenway (see page 164)	1
17	Adapter	Adapter, "Y" Flex Hose 2.5"	1
18	Flex Tube	Flex Tube 2.5" OD X 18"	1
19	Bag ASSY	Bag ASSY, Switch Plate	1
20	710-0653	Hydraulic A/C Unit Kenway (see page 169)	1
21	Washer, Lock	Washer, Lock 3/8 ID	4
22	Nut, HEX	Nut, HEX 3/8-16NC	4
23	HHCS, 3/8	HHCS, 3/8 X 1-1/4 GR8	4
24*	710A0654	Hoses and Mounting Kit Kenway (see page 171)	1
25	Washer, Flat	Washer, Flat 3/8" / M10	4
26	HHCS 3/8	HHCS 3/8 X 1-1/4 GR8	4
27	Bracket	Bracket, Right Mounting	1
28	Bracket	Bracket, Right Mounting	1
29	Hose, Case Drain -6	Hose, Case Drain -6	1
30	Hose, Refrigerant -6	Hose, Refrigerant -6	1
31	Hose, Refrigerant -10	Hose, Refrigerant -10	1
32	Washer, Lock 3/8" ID	Washer, Lock 3/8" ID	4
33*	T135323	R134a Refrigerant	2.4

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	HYDRAULIC A/C & L.P. HEATER	DATE: Revised 04-2018	CHAPTER 1
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REF	PART NO.	DESCRIPTION	QTY
	T110023 (Rev. 00)	<i>Deluxe A/C & Flameless Heat</i>	
1	1200-59	HHCS 3/8NC X 1	1
2	1209-3	Flat Washer 3/8	1
3	1210-20	Lock Washer 3/8	2
4	1219-956	Tee, SW Nut Run, -10	1
5	1222-202	Tie Plas CABL NT340 15"	6
6	1240-29	Clamp	1
7	12019-457	Reducer, STR, -10 -6	1
8	12508-24	Sleeve	1
9	MK212382-40	Hose, -12	1
10	709 5311-46	Hose, -12	1
11	1219-802	Adapter, 90°, -12	2
12	1219-820	Adapter, JIC/JIC	1
13	441 6828	Relay, 12V	1
14	1200-57	HHCS, 3/8 UNC X 3/4	1
15	T109883	CAB Assembly Kit (see page 181)	1
16	Bag ASSY, Switch Plate	Bag ASSY, Switch Plate	1
17	Adapter, "Y" Flex Hose 2.5"	Adapter, "Y" Flex Hose 2.5"	1
18	Flex Tube 2.5" OD X 18"	Flex Tube 2.5" OD X 18"	1
19	T109886	Hydraulic Drive Unit Kenway (see page 189)	1
20	HHCS, 3/8 X 1-1/4 GR8	HHCS, 3/8 X 1-1/4 GR8	4
21	Washer, Lock 3/8 ID	Washer, Lock 3/8 ID	4
22	Nut, HEX 3/8-16NC	Nut, HEX 3/8-16NC	4
23	T109948	Hose & Drive Mounting Kit Kenway (see page 203)	1
24	Washer, Lock 3/8" ID	Washer, Lock 3/8" ID	4
25	Washer, Flat 3/8" / M10	Washer, Flat 3/8" / M10	4
26	HHCS 3/8 X 1-1/4 GR8	HHCS 3/8 X 1-1/4 GR8	4
27	Bracket, Left Mounting	Bracket, Left Mounting	1
28	Bracket, Right Mounting	Bracket, Right Mounting	1
29	Hose, Case Drain -6	Hose, Case Drain -6	1
30	Hose, Refrigerant -6	Hose, Refrigerant -6	1
31	Hose, Refrigerant -10	Hose, Refrigerant -10	1
32	Hose Heater -8	Hose Heater -8	2
33	Clamp, Double	Clamp, Double	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



DELUXE A/C & FLAMELESS HEAT

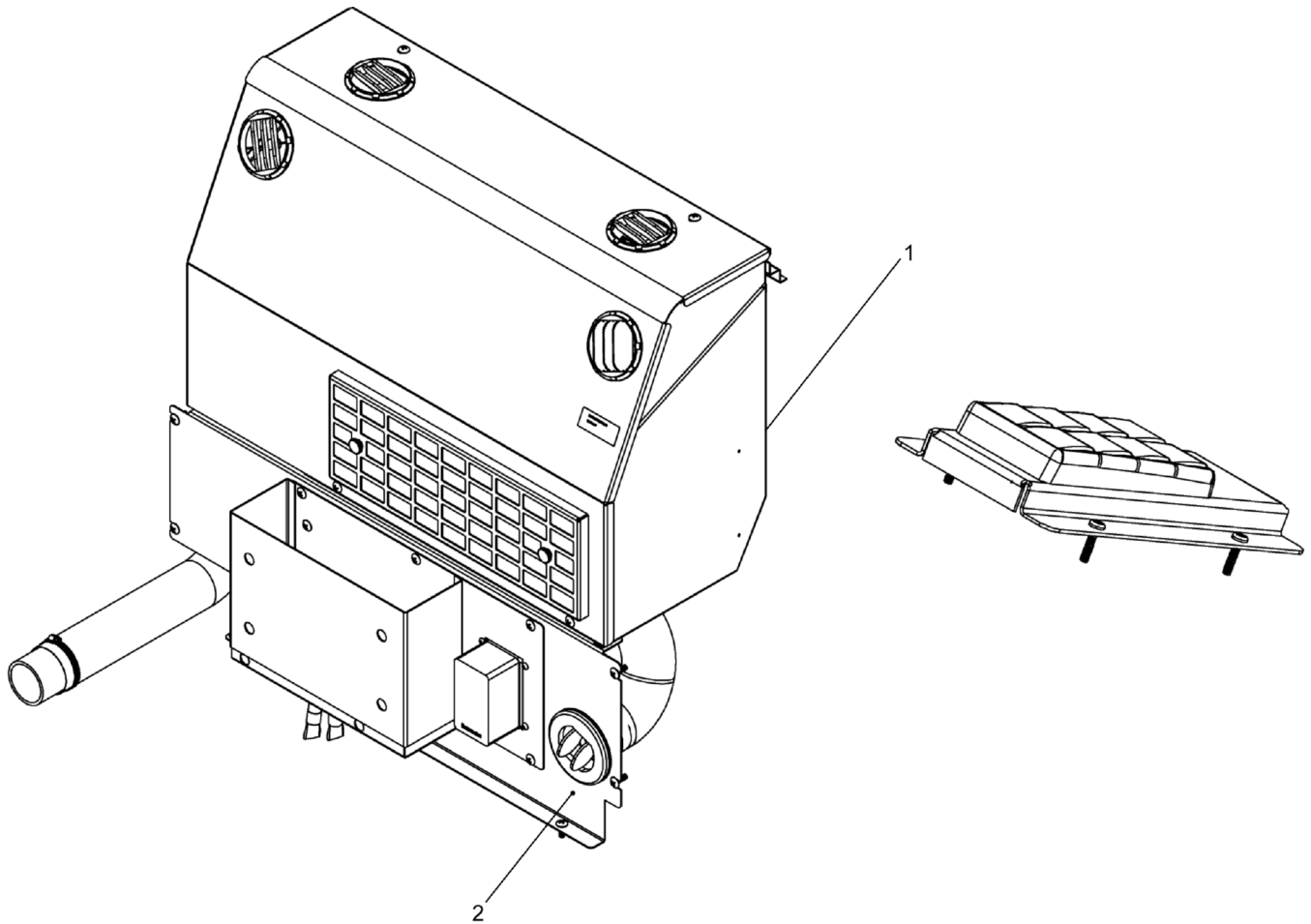
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T109883 (Rev. 00)	CAB Assembly Kit	
1	T110024	Blower ASSY, AC & Heat (see page 182)	1
2	221879	Shelf ASSY (see page 186)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



KIT, CAB ASSEMBLY KENWAY

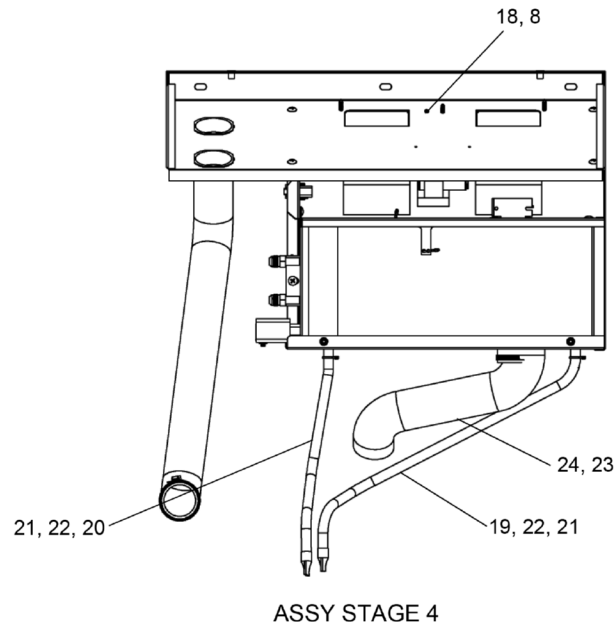
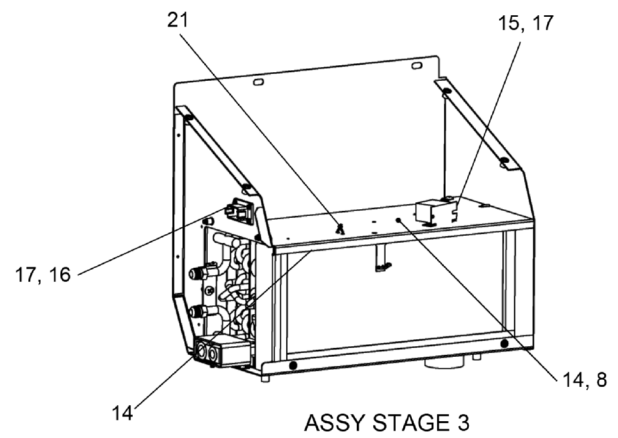
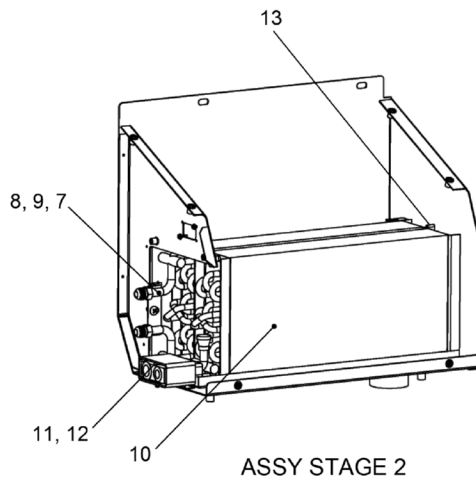
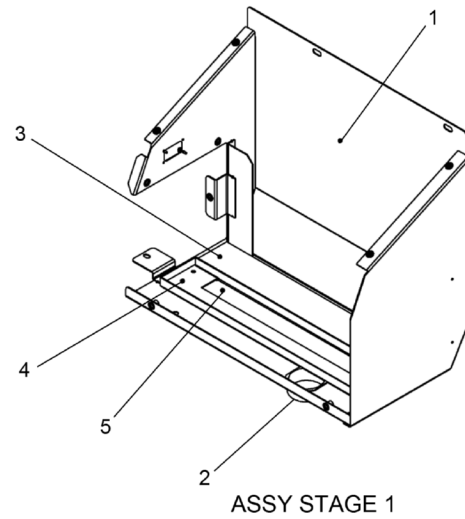
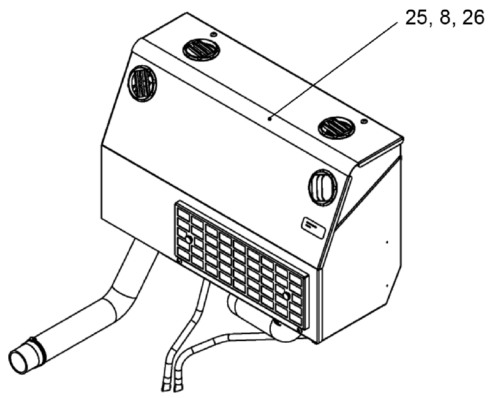
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



BLOWER ASSEMBLY, AC & HEAT

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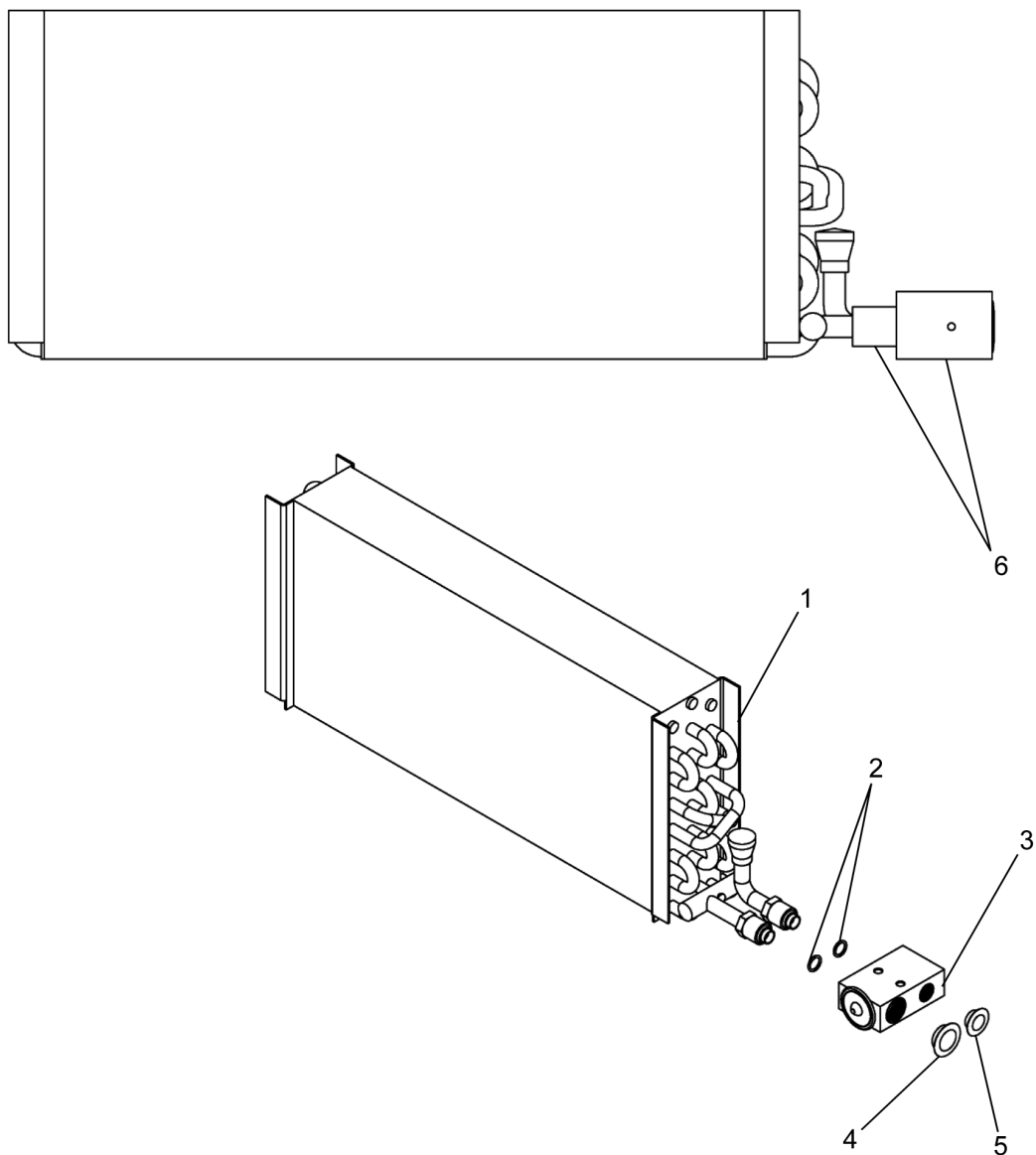
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REF	PART NO.	DESCRIPTION	QTY
	T110024 (Rev. A)	Blower ASSY, AC & Heat	
1	221856*	HSG Main HB9	1
2	221857	Adapter, Hose 2.5"	1
3	221858*	Foam, .5 X 2.88 X 19.75 ADH BCK	1
4	221859*	Support, Coil	1
5	221860*	Drain Pan	1
6**	228269*	Sealant, Silicone Clear	0.05 BTL
7	221861	Coil, Oil Heat	1
8	221862*	Screw, PTH 1/4-20 X 3/4Black Zinc	12
9	227718	Seal, FLARETITE JIC -08	2
10	221863	Group, EVAP Coil (see page 184)	1
11	221864*	Nut WHIZLOCK 1/4-20 NC	1
12	221816*	HHCS 1/4 NC X 1.5	1
13	221865	Clamp, Metal Chassis	1
14	221866*	Cover, Coil	1
15	219733	Thermostat, Fixed	1
16	221868	Wire Harness, HB9	1
17	221869*	Screw, #8 X 1/2, Self Drilling	6
18	221870	Group, Blower 12V	1
19	221871	Hose, Drain 1/2" X 24" CORRUGATED	1
20	221871	Hose, Drain 1/2" X 24" CORRUGATED	1
21	221873*	Tie, Plastic 4"	4
22	219925	Tube, KAZOO Drain Valve	2
23	228270	Clamp, Hose (1.8"-2.75")	1
24	221854	Hose Duct, 2.5" ID X 16.5"	1
25	221877	Group, Cover (see page 185)	1
26	221841*	Label, KW Serial#	1

* ITEM NOT SOLD SEPARATELY
** ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

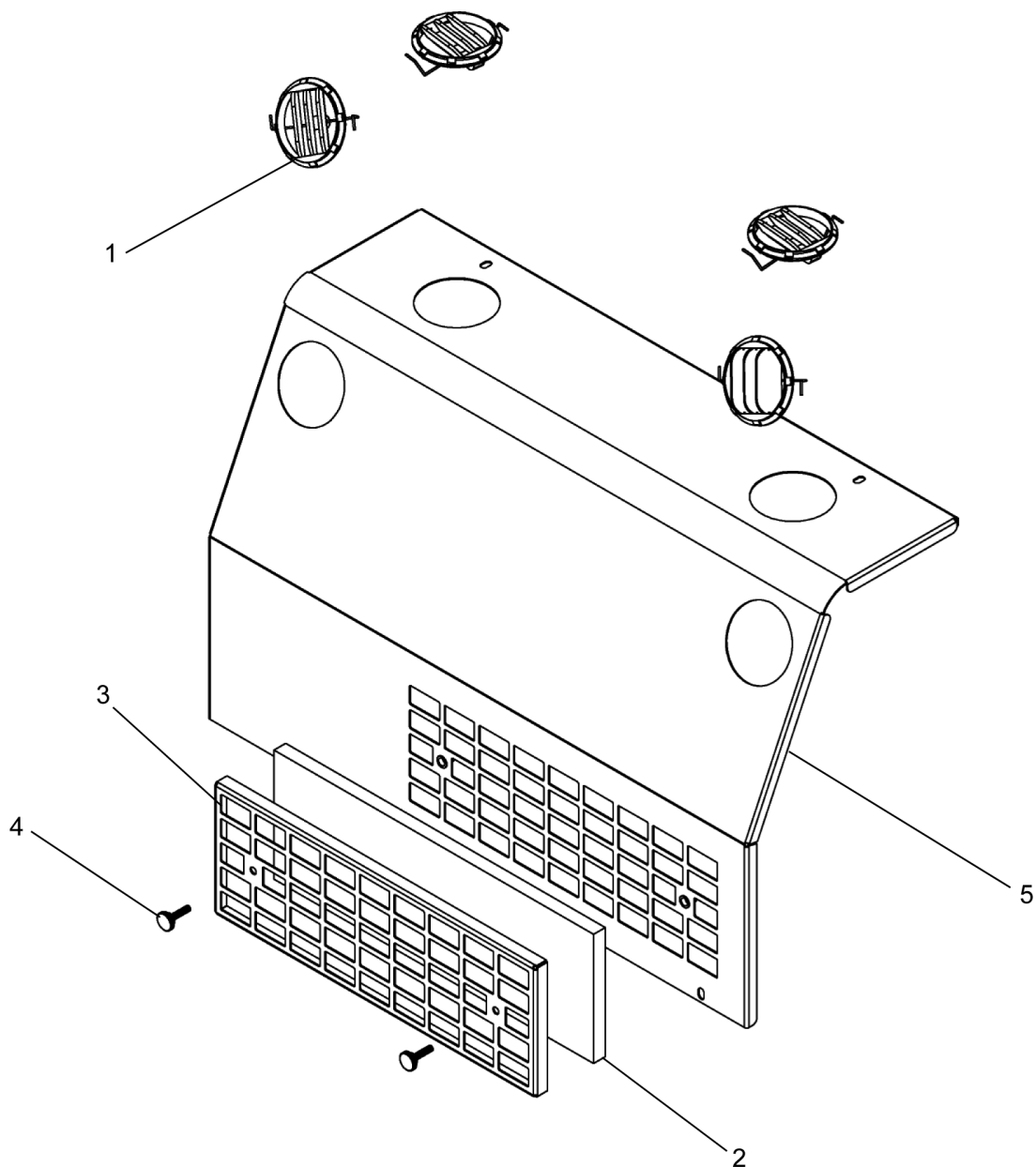
	BLOWER ASSEMBLY, AC & HEAT	DATE: Released 04-2017	CHAPTER 1
		MODEL: 60-110	
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	221863 (Rev. 00)	Group, EVAP Coil	
1	228271	Coil, EVAP	1
2	215839	O-RING, #8 R-12/R134A	2
3	219736	Valve, EXP. Block	1
4	223830*	Cap, Plastic #10 F10R.	1
5	223831*	Cap, Plastic #6 F10R.	1
6	223821	TAR Tape, 12 Inches.	1

* ITEM NOT SOLD SEPARATELY

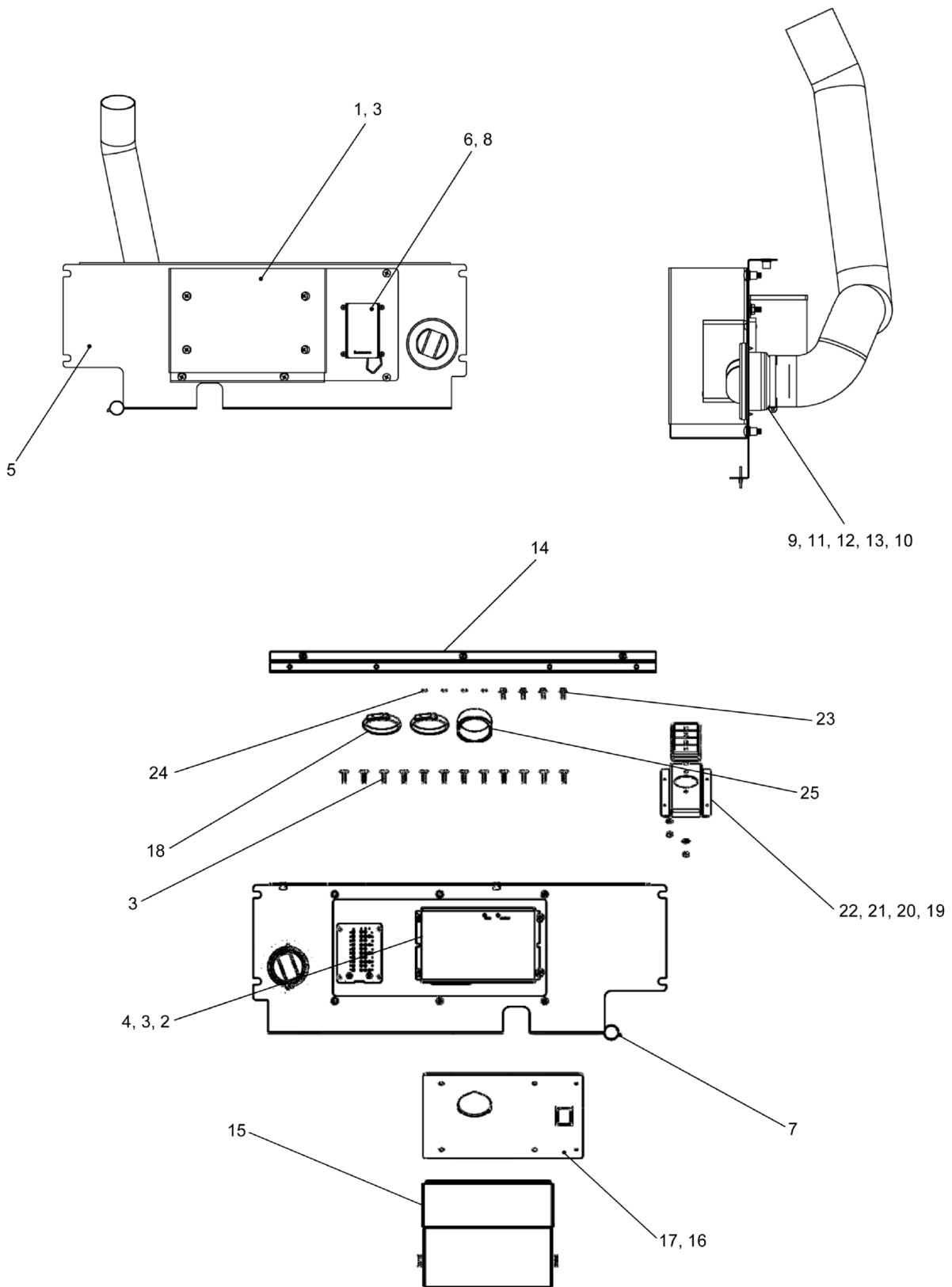
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



REF	PART NO.	DESCRIPTION	QTY
	221877 (Rev. 00)	Group, Cover	
1	219727	Louver, 3.4" OD	4
2	228272	Filter, RECIRC	1
3	228273*	Bracket, Filter	1
4	219738	Thumb Screw	2
5	228274*	Cover, 02-HB9	1

* ITEM NOT SOLD SEPARATELY

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



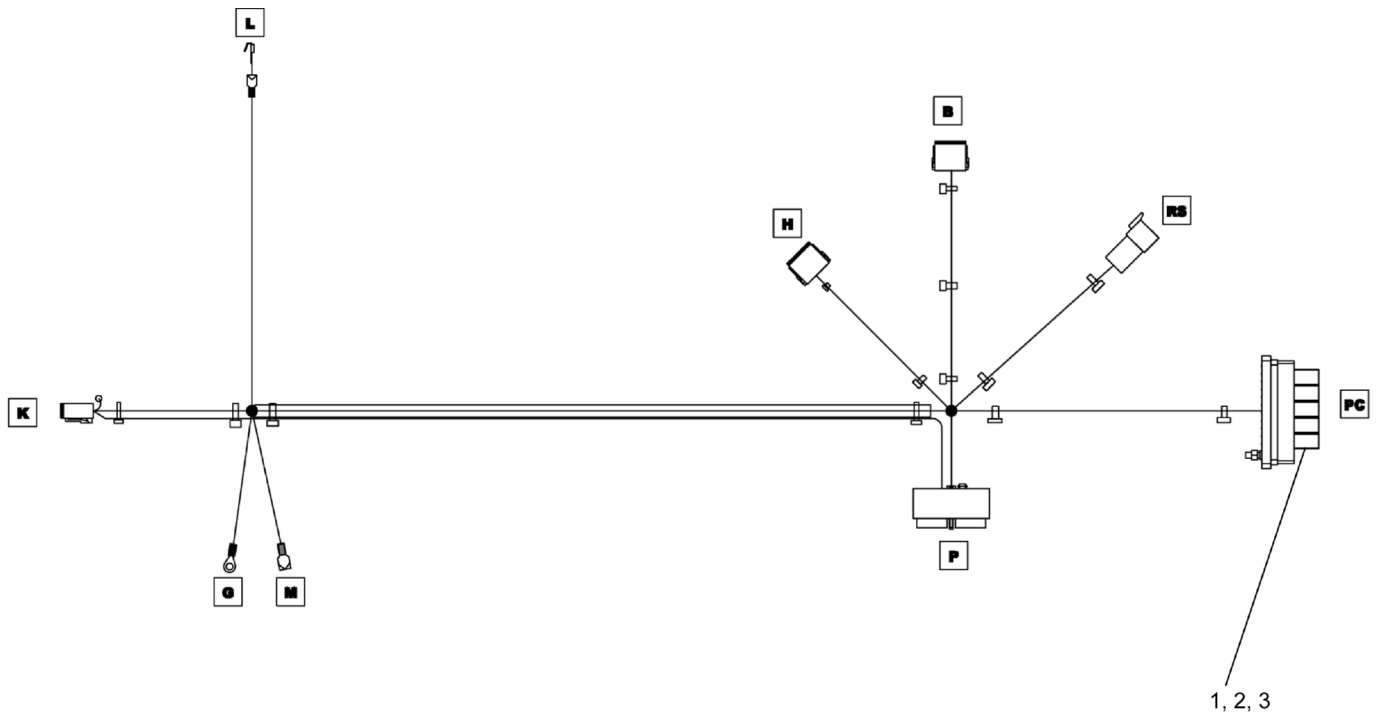
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	221879 (Rev. 00)	<i>Shelf ASSY</i>	
1	221880*	Panel W/ Pocket	1
2	221881	Controller, Programmable	1
3	221862*	Screw, PTH 1/4-20 X 3/4Black Zinc	22
4	221864*	Nut WHIZLOCK 1/4-20 NC	4
5	221884*	Shelf	1
6	221882	Fuse Panel ASSY, HB9 (see page 188)	1
7	221874*	Tie, Plastic 7"	1
8	221883*	Screw, Machine #10-32 X 1/2" Round Phillips Head ZC	4
9	228275	Panel MNT, Louver W/ H.A.	1
10	228276*	Screw, #6 X 3/8" Flat Head Phillips SELF Tapping	2
11	221886	Louver, 4" W/O MNT	1
12	221854*	Duct Hose 2.5" ID X 45"	1
13	228270*	Clamp, Hose (1.8"-2.75")	1
14	221878*	BRKT, Cab MTG	1
15	219836	Outside Air Kit (see page 167)	1
16	221889*	Gasket, Fresh Air Adapter	1
17	221890*	Panel, Fresh Adapter	1
18	221876	Clamp, Snapper 2 1/2" DIA Plastic	2
19	221891*	Panel, Keypad MTG	1
20	221892	Keypad, 4 X 2 Load King	1
21	221817*	Washer, Lock 1/4 YZ	2
22	221893*	Nut, HEX M6 X 1.0	2
23	221894*	HWH Slotted 1/4-20 X .5" - Self Tapping	4
24	221895*	Screw, Phillips Pan Head #6-32 X 5/8"	4
25	221857	Adapter, Hose 2.5"	1

* ITEM NOT SOLD SEPARATELY

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	SHELF ASSEMBLY	DATE: Released 04-2017	CHAPTER 1
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REF	PART NO.	DESCRIPTION	QTY
	221882 (Rev. 00)	Fuse Panel ASSY, HB9	
1	228277	Relay	5
2	228278	10 AMP Fuse	5
3	228279	20 AMP Fuse	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



FUSE PANEL ASSEMBLY, HB9

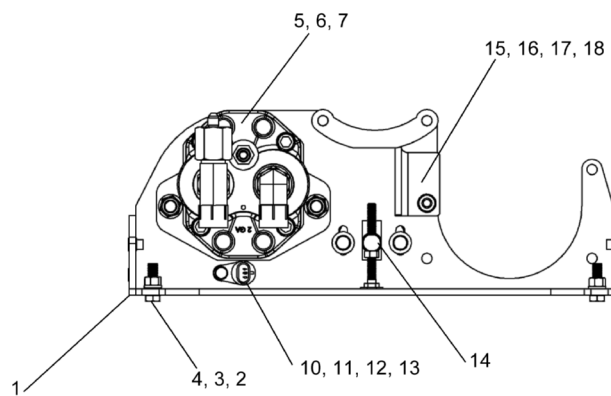
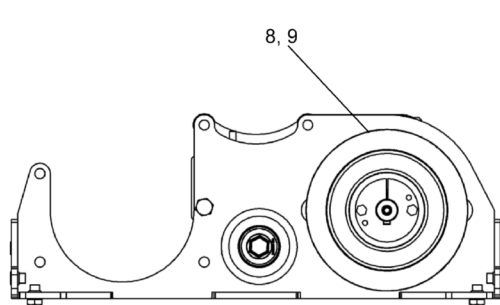
DATE: Released 05-2017

MODEL: 60-110

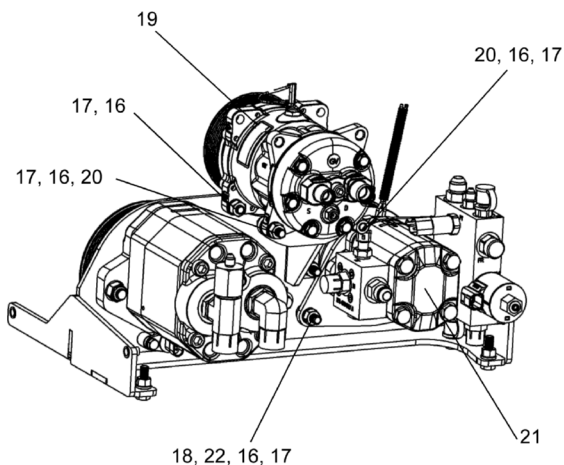
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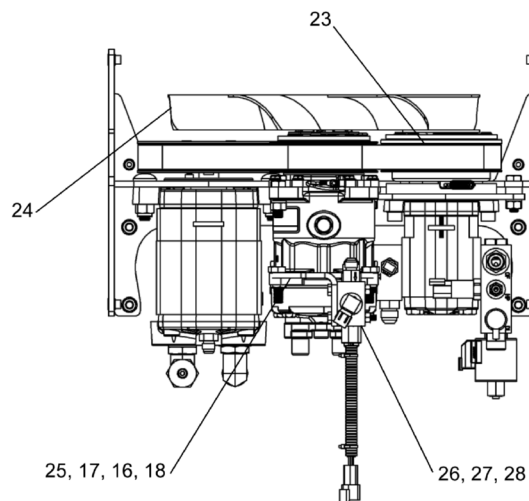
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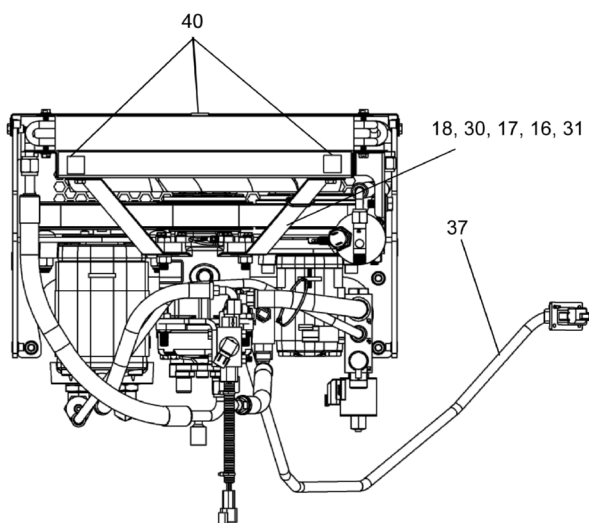
ASSY STAGE 1



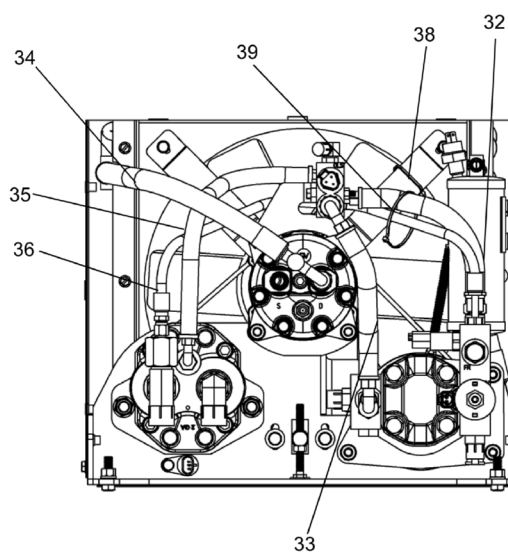
ASSY STAGE 2



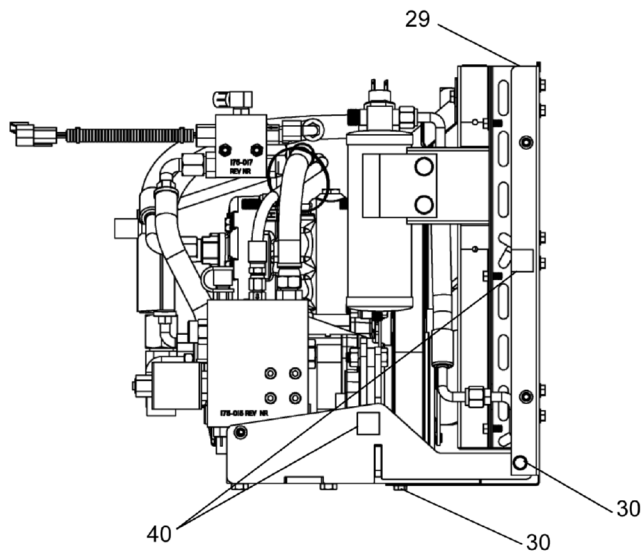
ASSY STAGE 3



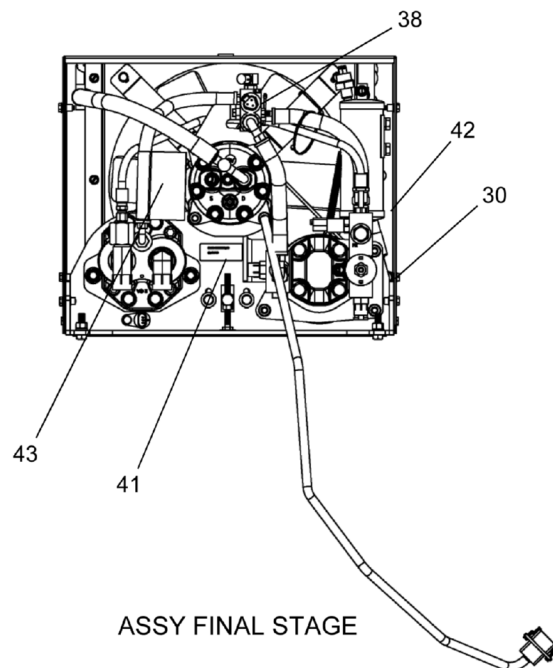
ASSY STAGE 4



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ASSY STAGE 4



ASSY FINAL STAGE

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HYDRAULIC DRIVE UNIT KENWAY

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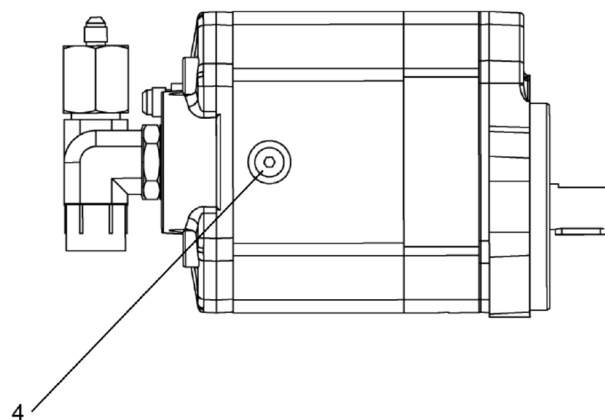
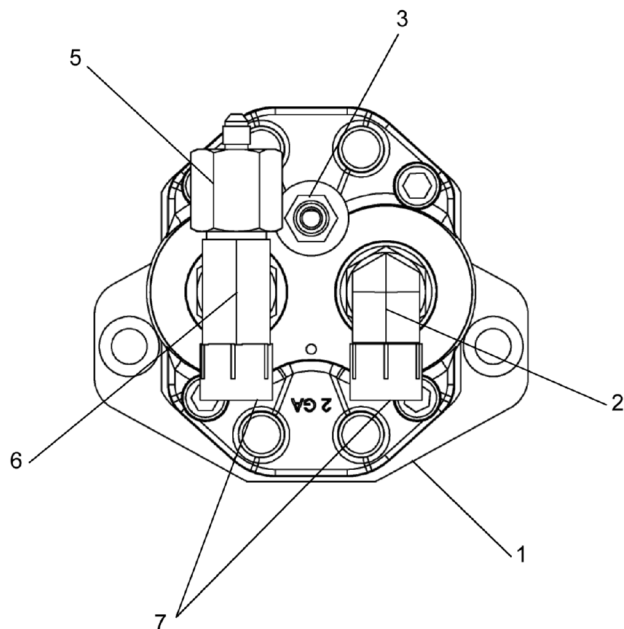
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REF	PART NO.	DESCRIPTION	QTY
	T109886 (Rev. 00)	<i>Hydraulic Drive Unit Kenway</i>	
1	221797*	Base, HYD	1
2	221798*	Nut, HEX 3/8-16NC YZ	4
3	223849*	Washer Lock 3/8" ID	4
4	221800*	HHCS 3/8 NC X 1-1/4 GR8 ZP	4
5	221808	Motor ASSY, 1.59 9067 AOH (see page 192)	1
6	221809*	Carriage Bolt, 1/2 NC X 1.75 ZP	2
7	221810*	Nut HEX 1/2-13 NC Nylock ZP GR 8	2
8	221812*	Bushing, 7/8"ID Split W/1/4 Keyway, Black Oxide Finish	1
9	221813	Pulley, HYD PV8	1
10	221815	Sensor Speed	1
11	221816*	HHCS 1/4 NC X 1.5	1
12	221817*	Washer, Lock 1/4 YZ	1
13	227570	Spacer, Aluminium .63/.25 X .625	1
14	227571	ASSY, Belt Tensioner (see page 193)	1
15	221818*	BRKT, COMP MTG	1
16	221819*	Washer, Lock M10 ZP	12
17	221820*	Nut, HEX M10-1.5 YZ	13
18	219935*	HHCS M10-1.5 X 35mm GR10.9 YZ (16mm-Head)	1
19	227572	COMP, SD7H15 12 N 4 S8 119mm (FLX7) - Flag TERM.	1
20	221823*	HHCS M10-1.5 X 40mm GR10.9 YZ (16mm-Head)	2
21	221822	Pump/Block ASSY MD9067 12V (see page 195)	1
22	221824	Spacer, Tube .75 X .405 X .321" LG Painted	3
23	221825	Belt, Drive PV8 X 45.0	1
24	227573	Fan Mounting Group-9067	1
25	221829*	BKT, OLS	1
26	221830	ASSY, Oil Level Sensor Block (see page 200)	1
27	221831*	HHCS 1/4-20 NC X 2 ZP	2
28	221832*	Nut, HEX 1/4-20 Nylock	2
29	221833	COND. ASSY (9067) (see page 201)	1
30	221835*	HHCS 1/4-20 X 3/4 (WHIZLK)	12
31	221834*	Brace	2
32	221837	Hose ASSY, Push On, -8 STR-90	1
33	221838	Hose ASSY, Push On, -8 90-90	1
34	227575	Hose ASSY, COMP-CD	1
35	221839	Hose ASSY, Push On, -6 90-90	1
36	221836	Hose ASSY, HYD 04FJX-04FJX-23.7" SAE100R2	1
37	221840	Wire Harness, 9067	1
38	221874*	Tie, Plastic 7"	2
39	216050*	Tie, Plastic 15"	1
40	227576*	Gasket, .9" Square or .9" Round	7
41	221841*	Label, KW Serial#	1
42	221842	Cover, 17-9067	1
43	227577*	Label, Oil Charge Warning	1
44**	221873*	Tie, Plastic 4"	1

* ITEM NOT SOLD SEPARATELY
** ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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REF	PART NO.	DESCRIPTION	QTY
	221808 (Rev. 00)	Motor ASSY, 1.59 9067 AOH	
1	228280	Motor, HYD Gear 1.59 W/ 9067 AOH MODS.....	1
2	228281*	Adapter, #12 MB X #12 MJ 90	1
3	223059*	Adapter, #6MB - #6MJ	1
4	228282*	Plug, HEX Socket SAE -4 ORB W/ BUNA	1
5	228283*	Adapter, -12FJ X -4 MJ	1
6	228284*	Adapter, Tee -12 MJ -12 MJ-12 MB Branch	1
7	228285*	Cap, Plastic 12JF 1 1/16-12 (FITS #12 JIC Male)	2

* ITEM NOT SOLD SEPARATELY

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



MOTOR ASSEMBLY, 1.59 9067 AOH

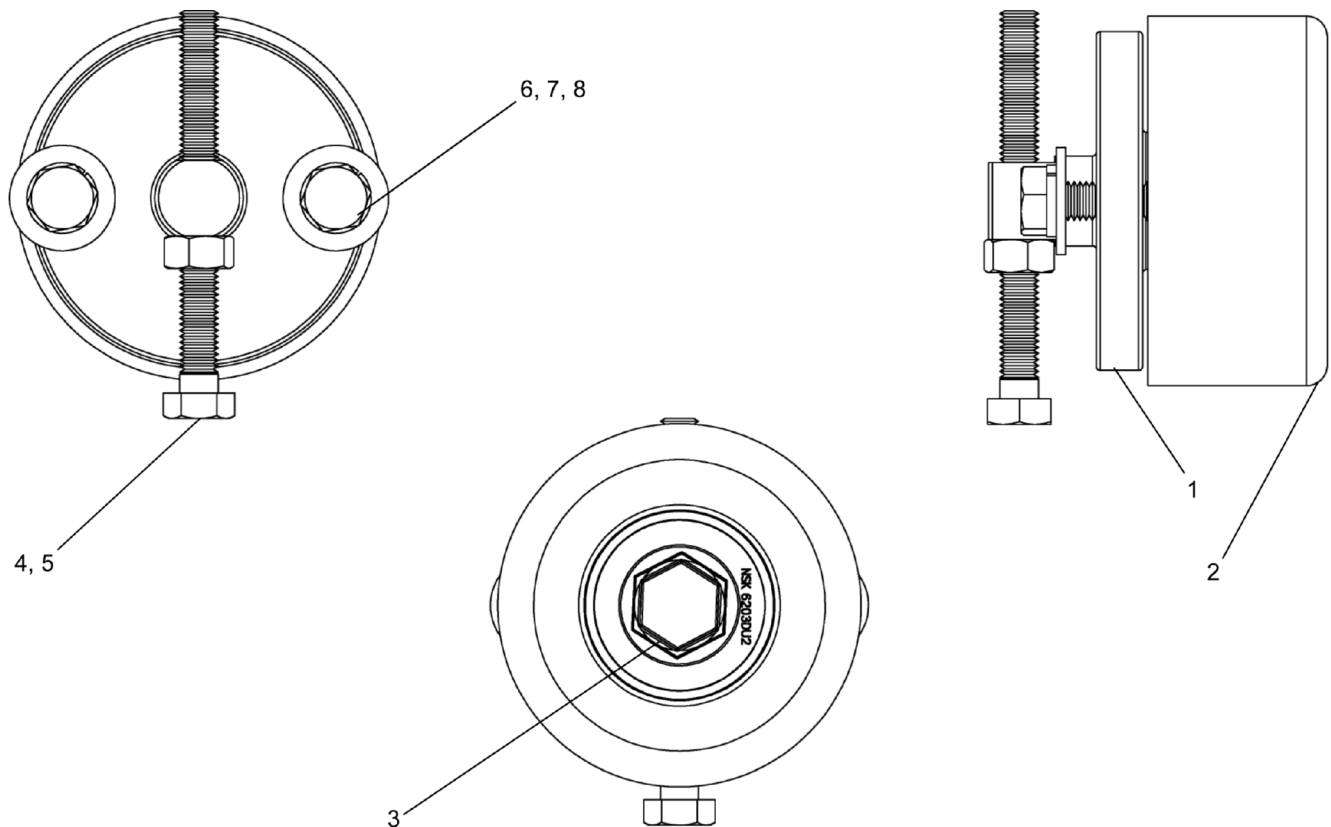
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ASSEMBLY, BELT TENSIONER

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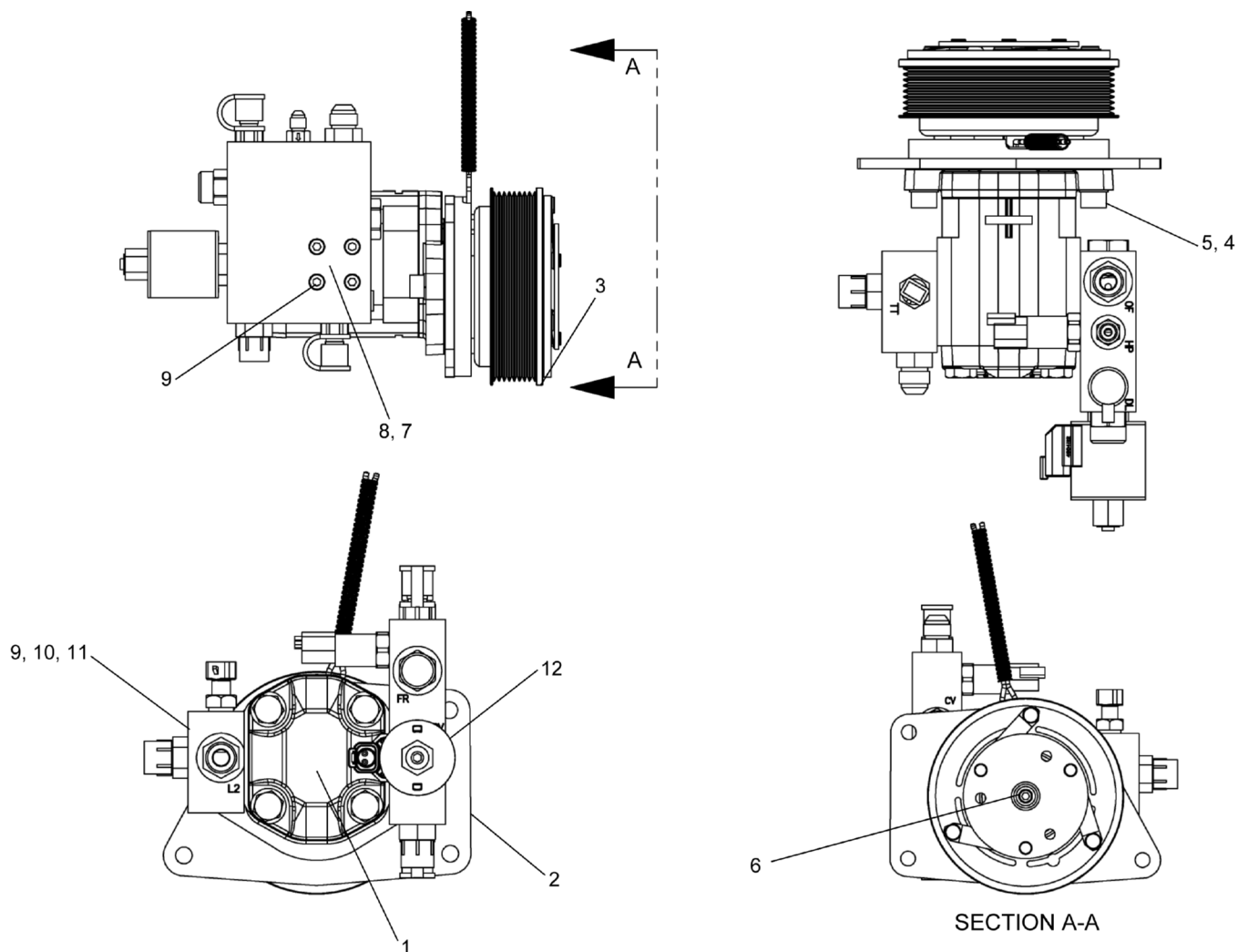
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	227571 (Rev. 00)	ASSY, Belt Tensioner	
1	221801	Tensioner, Turned	1
2	221806	Pulley ASSY, Backside PV8 X 3.0"	1
3	221807	Shoulder Bolt, 7/16-20 X 1 1/2	1
4	221803*	HHCS M8-1.25 X 80 GR8.8 Full Thread ZP	1
5	221802*	Nut HEX M8 x 1.25 mm	1
6	221804*	HHCS M8X1.25 X 25 mm	2
7	221814*	Washer, Lock M8 ZP	2
8	221805*	Washer, Flat 5/16" YZ	2

* ITEM NOT SOLD SEPARATELY

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	ASSEMBLY, BELT TENSIONER	DATE: Released 04-2017	CHAPTER 1
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



PUMP/BLOCK ASSEMBLY MD9067 12V

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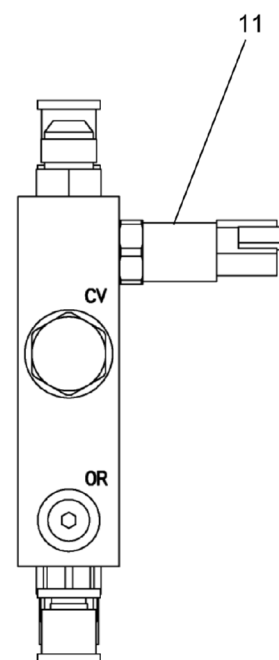
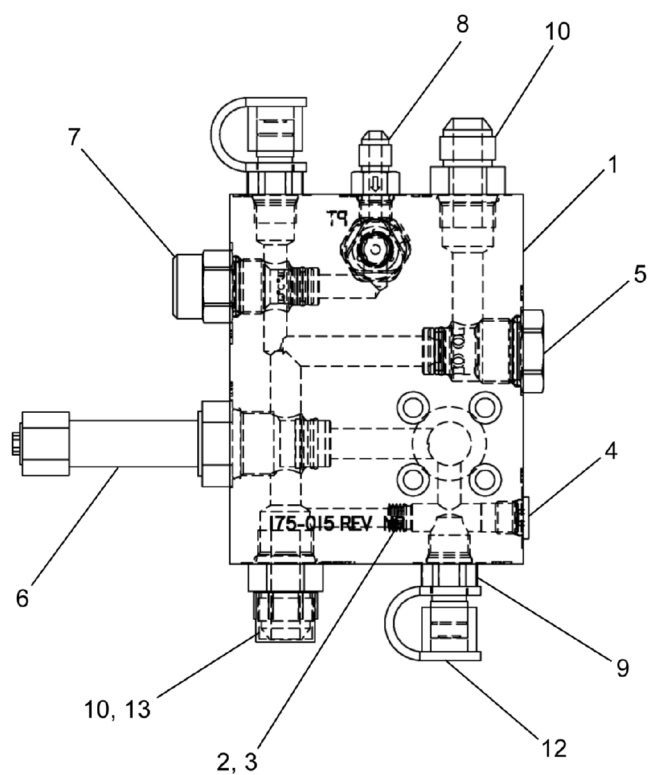
<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	221822 (Rev. 00)	<i>Pump/Block ASSY MD9067 12V</i>	
1	228286	Pump, MARZ 1.09 CID.	1
2	228287*	Plate, Pump BRKT.	1
3	228288	Clutch, HYD PV8 5.35" 12 V	1
4	221819*	Washer, Lock M10 ZP	2
5	228289*	Screw, SHCS M10-1.5 X 30MM GR12.9 Black	2
6	228290	SHCS 1/4-28NF X 1" ZP	1
7	219815	O-Ring, HYD SAE -117 VITON	1
8	228291	ASSY Heat Manifold (see page 197)	1
9	228292	SHCS M6 X 1.0 X 40mm GR 12.9	8
10	219826	O-Ring, HYD SAE-119	1
11	228294	ASSY, Return Block (see page 199)	1
12	228295	Coil, HYD Valve 12V-Deutsch W/ Diode	1
13**	228296*	Threadlocker, High Strength	0.01 BTL

* ITEM NOT SOLD SEPARATELY

** ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ASSEMBLY, HEAT MANIFOLD

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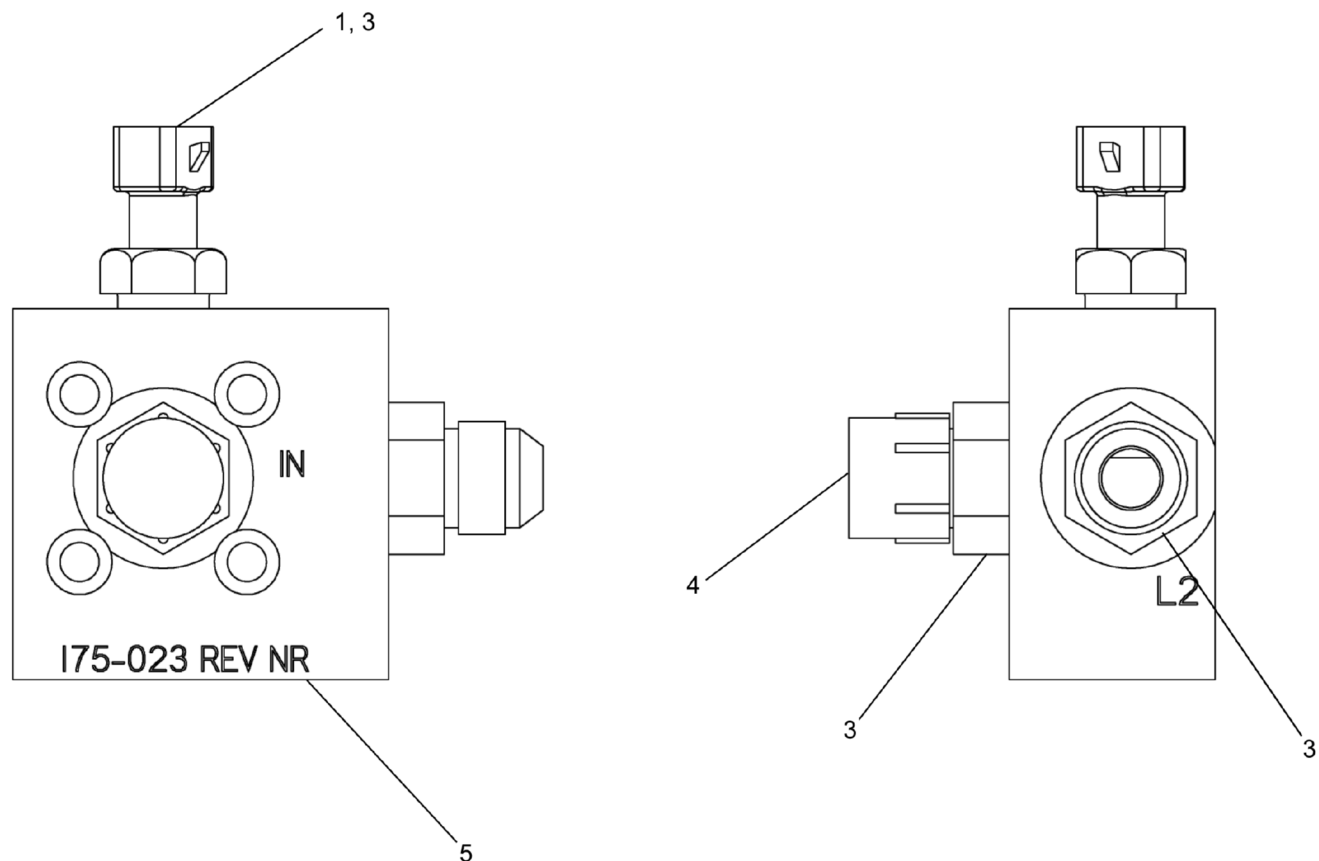
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	228291 (Rev. 00)	<i>ASSY Heat Manifold</i>	
1	228302	Manifold Block, Heat Side.	1
2	219819	Orifice Plug .040	1
3	228298*	Sealant, HYD Thread	0.001
4	228282*	Plug, HEX Socket SAE -4 ORB W/ BUNA	1
5	228303	Valve, HYD Check -10 100 PSI	1
6	219821	Valve, HYD PROP. Relief	1
7	228304	Valve, Flow Regulator.05 GPM	1
8	228305	Valve, Check Inline -4 MB X -4 MJ 5 PSI	1
9	219817	Nipple, Diagnostic	2
10	228299*	Adapter, -8MB to -8MJ	2
11	228306	Pressure Transducer 0-5000 PSI	1
12	219818	Dust Cover	2
13	228300*	Cap, Plastic 8JF 3/4-16 (FITS #8 JIC Male)	1

* ITEM NOT SOLD SEPARATELY

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	ASSEMBLY, HEAT MANIFOLD	DATE: Released 04-2017	CHAPTER 1
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REF	PART NO.	DESCRIPTION	QTY
	228294 (Rev. 00)	ASSY, Return Block	
1	228297	Transducer, HYD Oil Temperature	1
2**	228298*	Sealant, HYD Thread	0.005
3	228299*	Adapter, -8MB to -8MJ	2
4	228300*	Cap, Plastic 8JF 3/4-16 (FITS #8 JIC Male)	1
5	228301	Manifold Block, Return Side (Deluxe)	1

* ITEM NOT SOLD SEPARATELY
 ** ITEM NOT SHOWN IN ILLUSTRATION

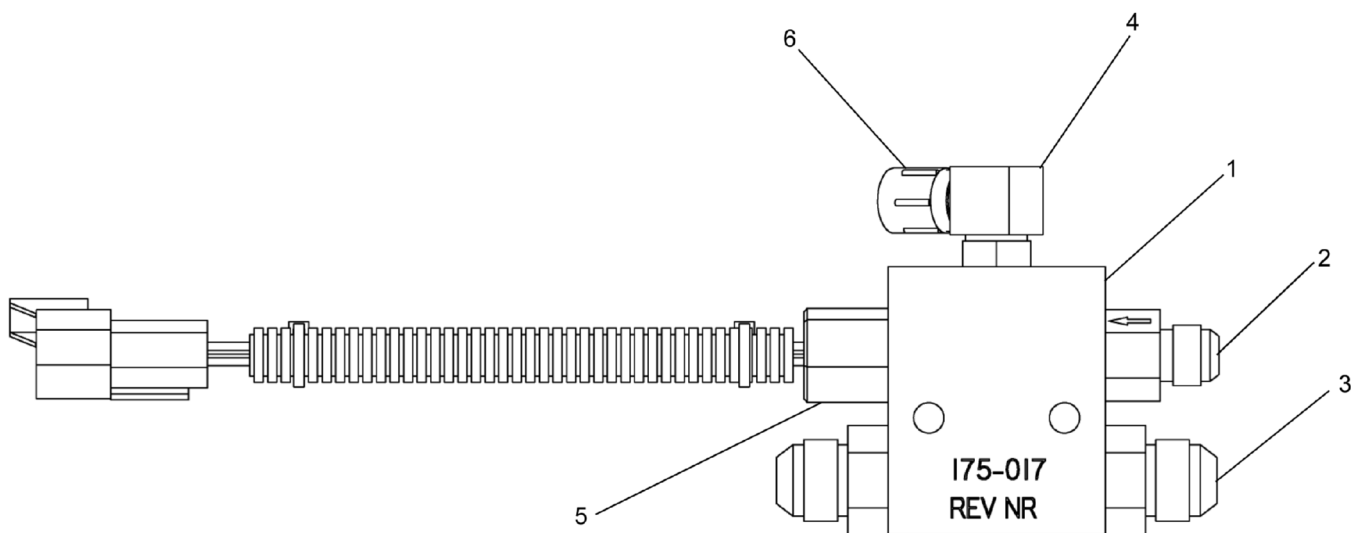
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ASSEMBLY, RETURN BLOCK

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REF	PART NO.	DESCRIPTION	QTY
	221830 (Rev. 00)	ASSY, Oil Level Sensor Block	
1	228307	Manifold, Oil Sensor	1
2	219822	Check Valve, Inline -6MB -6MJ 5 PSI	1
3	228299*	Adapter, -8MB to -8MJ	2
4	228308*	Adapter, -6MB X -6MJ90	1
5	228309	Switch, Oil Level W/ DT04-3P; -8	1
6	228310*	Cap, Plastic 6JF 9/16-18 (FITS #6 JIC Male)	1

* ITEM NOT SOLD SEPARATELY

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ASSEMBLY, OIL LEVEL SENSOR BLOCK

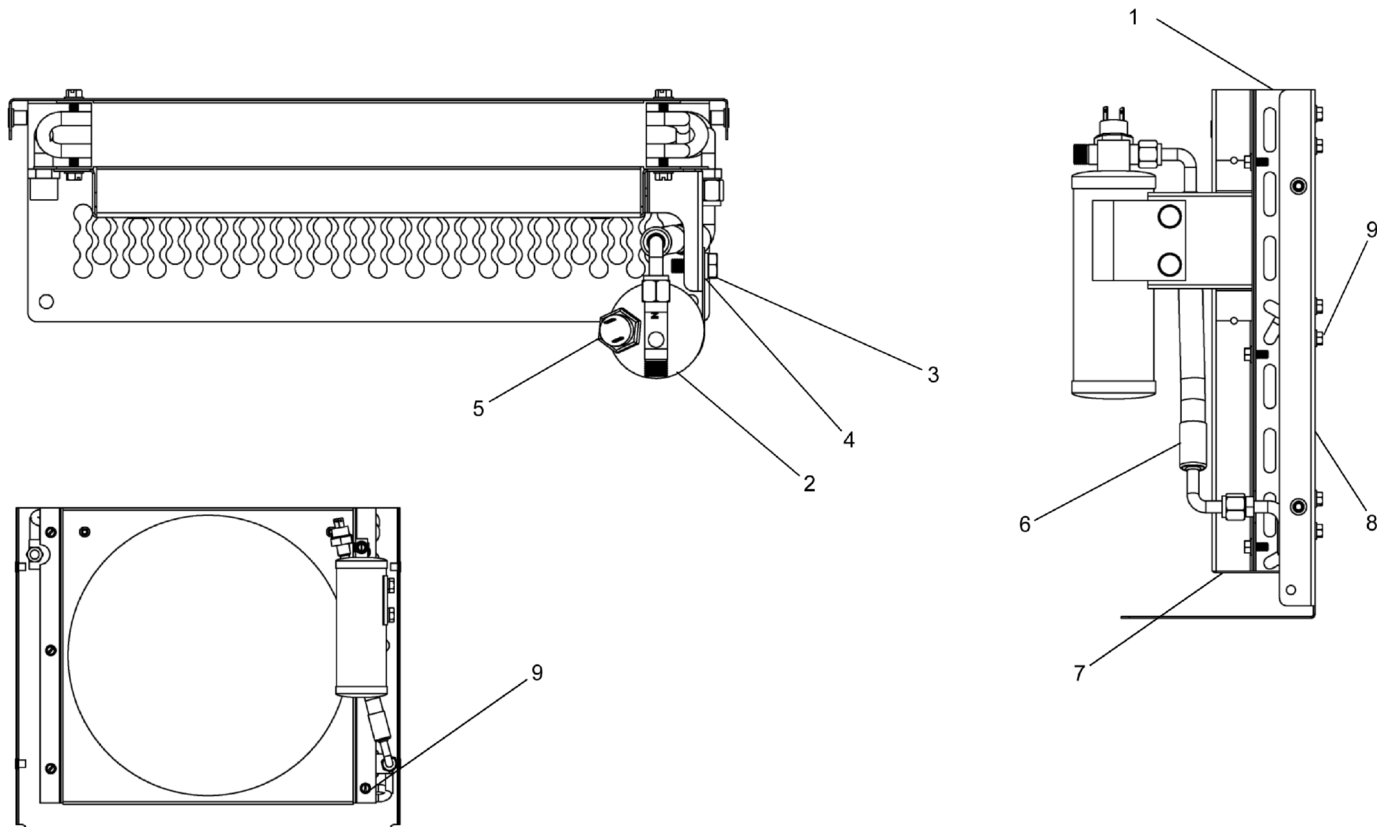
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



COND. ASSEMBLY

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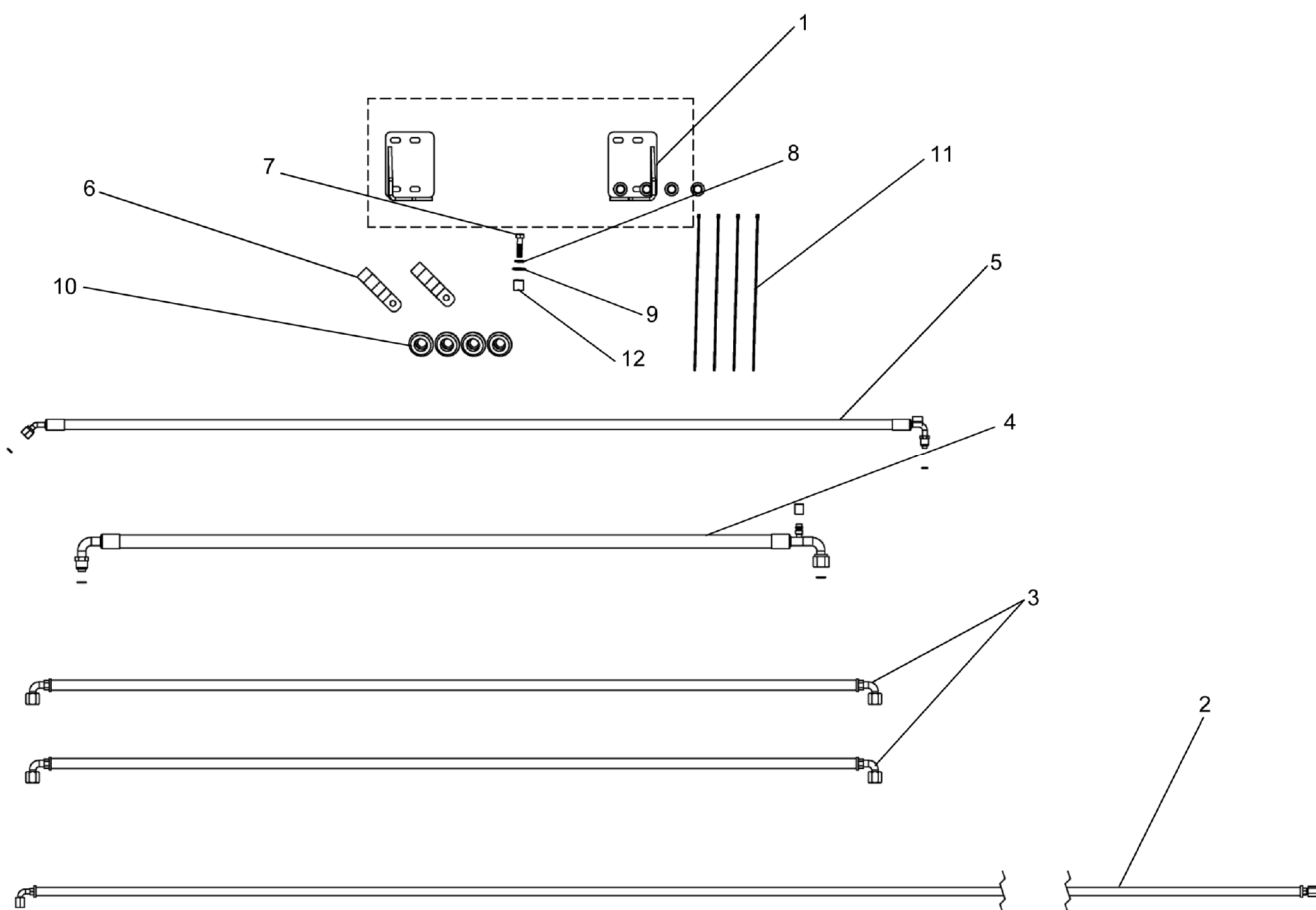
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	221833 (Rev. 00)	COND. ASSY (9067)	
1	219790	Coil, COND	1
2	217198	Drier, O-Ring 2.5 X 8 W/ BRKT	1
3	226964*	HHCS M10-1.5 X 25MM GR 10.9 ZP	2
4	221819*	Washer, Lock M10 ZP	2
5	216048	Switch, Binary Pressure	1
6	219791	Hose ASSY, #6 COND-RD	1
7	228312*	Fan Shroud W/ Drier BRKT	1
8	228313	Panel, Front	1
9	221894*	HWH Slotted 1/4-20 X .5" - Self Tapping	12

* ITEM NOT SOLD SEPARATELY

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	COND. ASSEMBLY	DATE: Released 04-2017	CHAPTER 1
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE & DRIVE MTG KIT KENWAY

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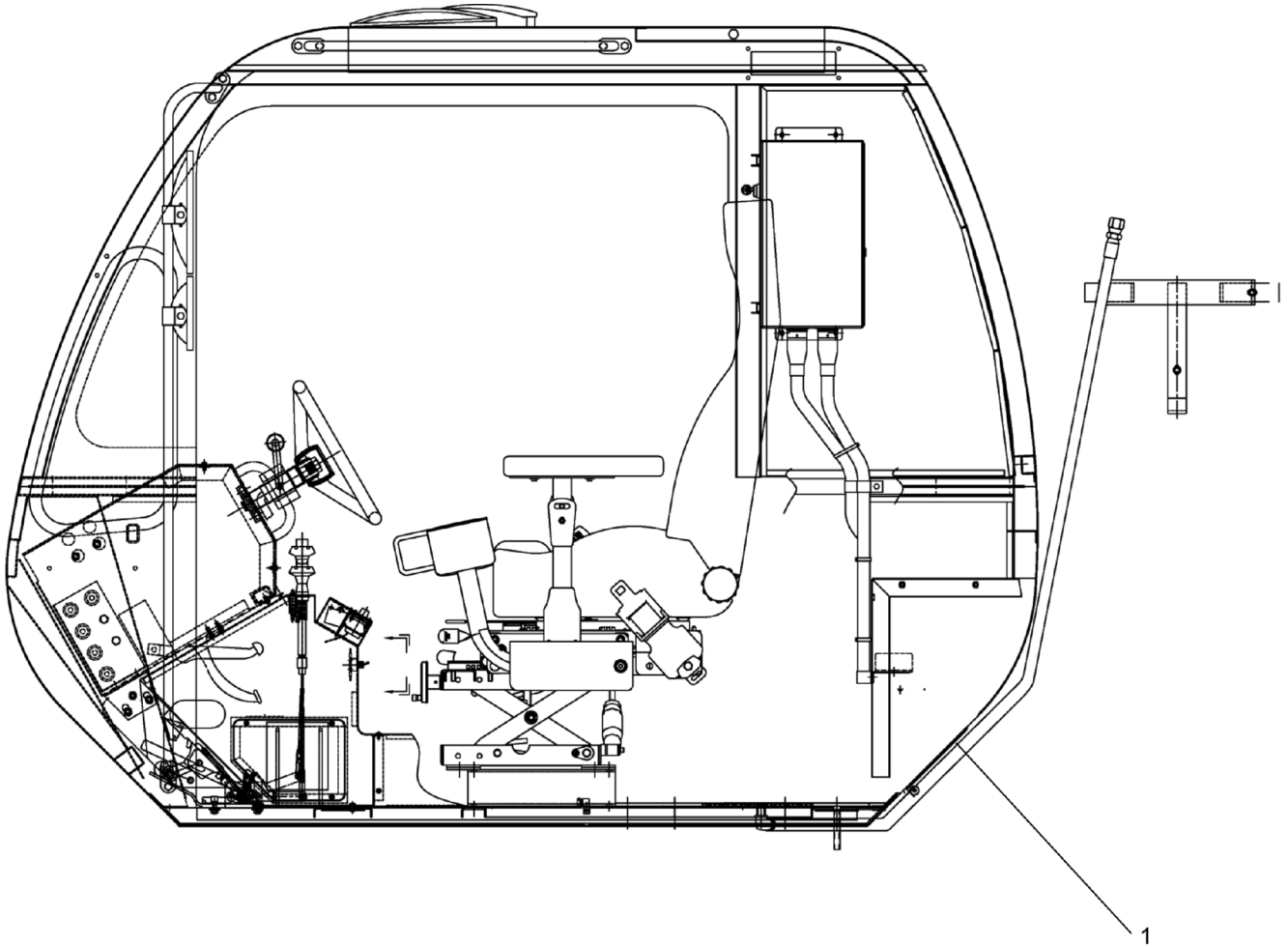
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T109948 (Rev. 00)	<i>Hose & Drive Mounting Kit Kenway</i>	
1	221844*	Kit, MD 9037/47/57 MTG	1
2	219831	Hose ASSY, - 6 HYD Case Drain	1
3	221851	Hose ASSY, HYD -8 90-90	2
4	221850	Hose ASSY, EVAP-COMP -6 90-90	1
5	221849	Hose ASSY, RD-TXV -6 45-90	1
6	221845*	Clamp, Double Hose	2
7	221846*	HHCS 3/8 NC X 11/2 GR8 ZP	1
8	223849*	Washer Lock 3/8" ID	1
9	221847*	Washer, Flat 3/8" / M10 -Hard YZ	1
10	216049	Grommet, Hose Hole 1.25	4
11	216050*	Tie, Plastic 15"	4
12	227568*	Spacer, Tube 3/4" LG Black	1

* ITEM NOT SOLD SEPARATELY

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	HOSE & DRIVE MTG KIT KENWAY	DATE: Revised 04-2017	CHAPTER 1
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	709A7628 (Rev. 00)	No Heater - Includes Cover	
1	713 0148	Cover.....	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



NO HEATER INCLUDES COVER

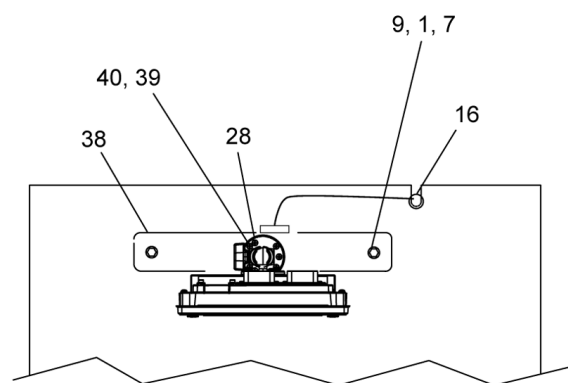
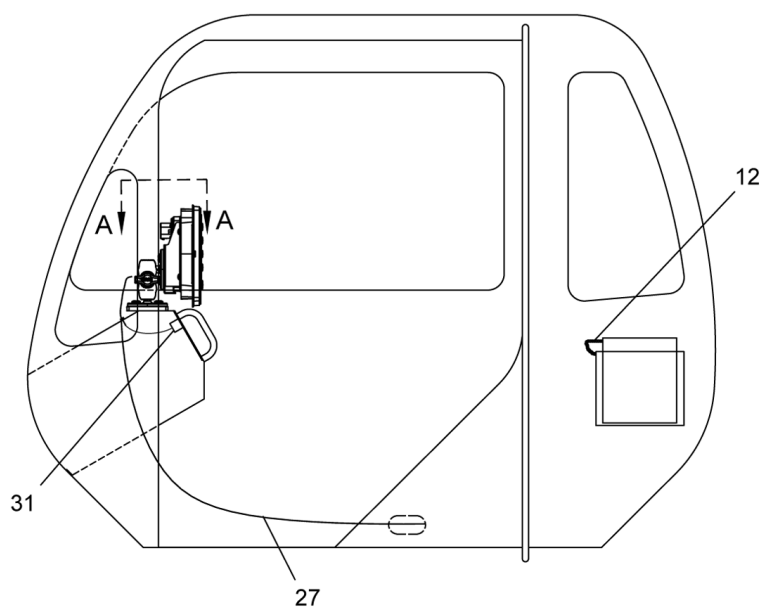
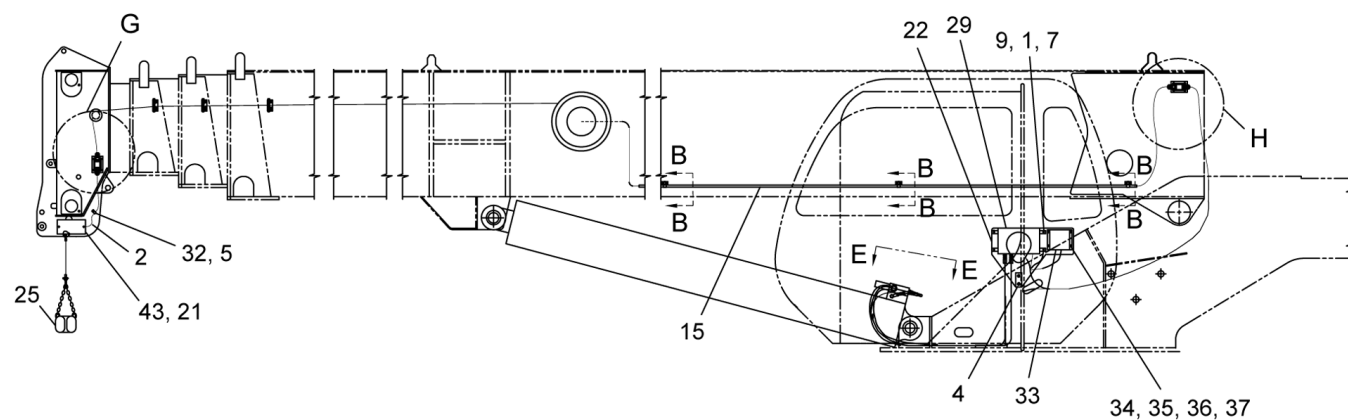
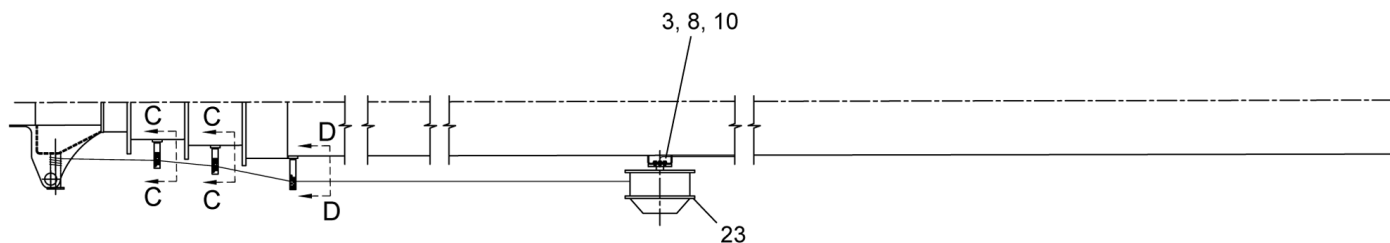
DATE: Revised 11-2014

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VIEW A - A

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



RCL ASSEMBLY, ORPS (ELEMENT II DISPLAY)

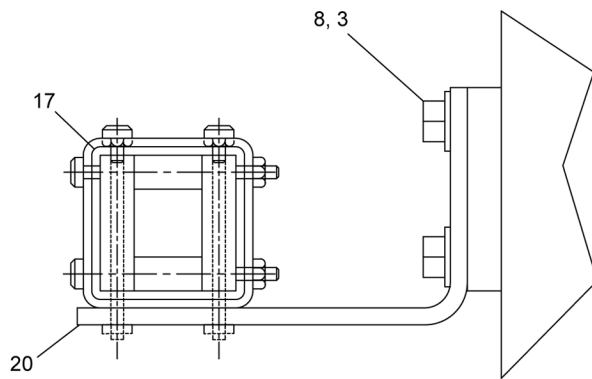
DATE: Revised 11-2018

MODEL: 60-110

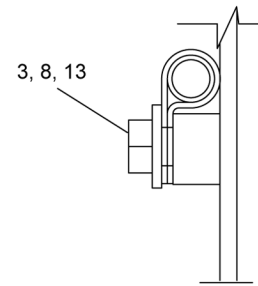
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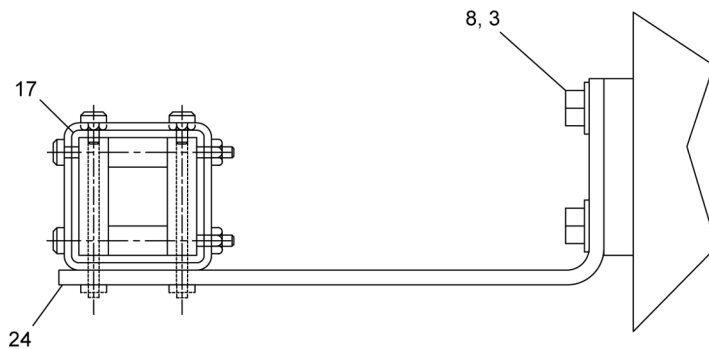
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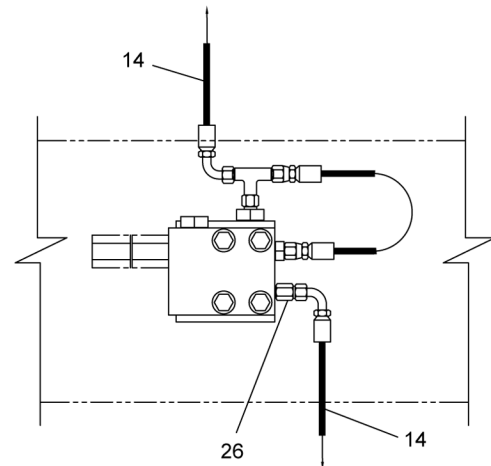
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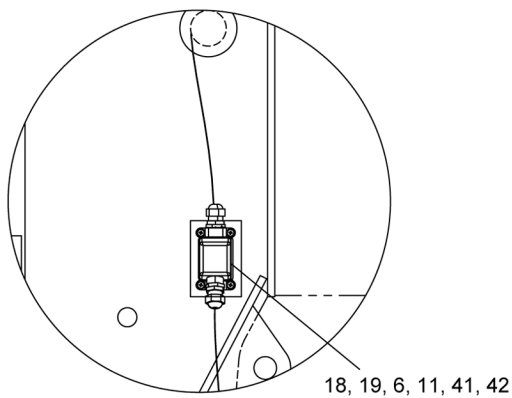
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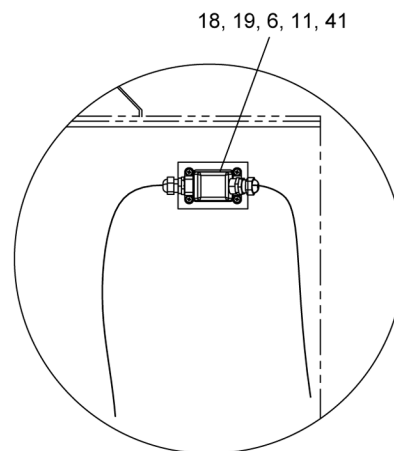
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VIEW E - E



DETAIL G



DETAIL H

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



RCL ASSEMBLY, ORPS (ELEMENT II DISPLAY)

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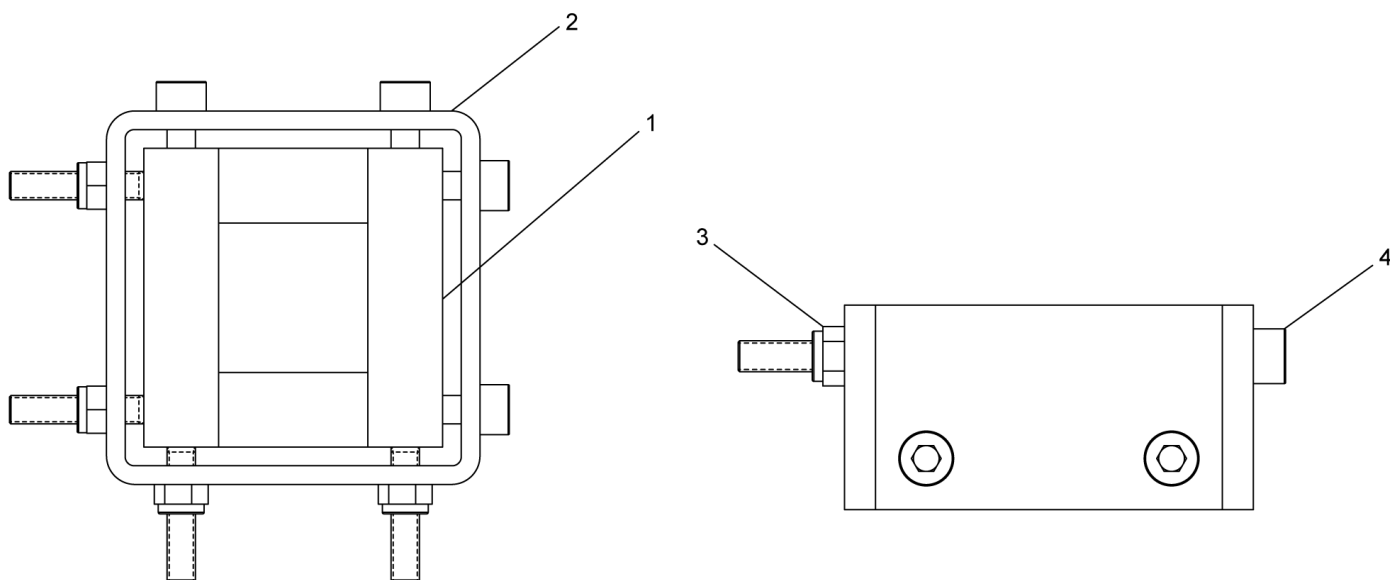
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REF	PART NO.	DESCRIPTION	QTY
	T122103 (Rev. M)	RCL Assembly, ORPS	
1	SHF-250C750-25	SCR, HHCS FT 0.25-20 X 0.75, ST SQC G5	6
2	T116674	Cable	24
3	SHF-375C750-25	SCR, HHCS FT 0.375-16 X 0.75, ST SQC G5	12
4	SHF-500C750-25	SCR, HHCS FT 0.50-13 X 0.75, ST SQC G5	2
5	T141429	Jiffy Clip 5/16 DIA	1
6	S43-508M016-28	SCR, SHCS M5 X 0.8 X 16, ST SQC C8.8	8
7	N04-250C000-25	Nut, HEX, 0.25-20, ST SQC G5	6
8	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	12
9	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST SQC	6
10	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	3
11	W08-190X000-Y2	WSH, LCK, HVY SPLT 10, ST SQC	8
12	VBB-125X400-L5	RVT, BTNHD, BLND 0.125 X 0.400, AL	1
13	200B2007-4	Clamp, MED, 1/2 ID	3
14	T147172	Hose, -4, 5800, FJIC-6SW/FJIC-6SW90, 1800	2
15	T139287	Tube	1
16	442 6316	Grommet	1
17	707A4669	Guide, Roller (see page 209)	3
18	T127374	Base, Weidmuller	2
19	T127379	Hood, Weidmuller	2
20	709 7820	Bracket	2
21	714 0621	Switch	1
22	T122105	Bracket	1
23	717-0778	Reeling Drum, RCL510 (see page 210)	1
24	717 0808	Bracket	1
25	717 0882	Counterweight W/Chain ASSY	1
26	717 1198	Fuse, Velocity	1
27	T120210	Harness, RCL ORP	1
28	T145829	Display, RCL	1
29	T135335	Computer, W/Data Recorderr (see page 212)	1
30*	1222-184	Plastic Tie	3
31	T118425	Horn Assembly, RCL (Greer) (see page 213)	1
32	1211-8	Drive Screw	1
33	T121671	Resistor Box	1
34	SMF-407M020-28	SCR, HHCS M4-0.7 X 16 FT, ST SQC C8.8	4
35	WMF-40MX000-20	WSH, Flat M4 DIN125, ST SQC	4
36	W16-40MX000-G2	WSH, Lock, SPLT M4 D127B, ST SQC	4
37	N24-407M000-28	Nut, HEX M4-0.7, DIN 934, ST SQC C8.8	4
38	T145830	Plate, Mounting	1
39	SL5-164C500-20	SCR, CR RND MS 8-32 X 0.500, ST SQC	4
40	WAR-164X000-22	WSH, FL TYP A-REG 08, ST SQC G2	4
41	T163315	Insulated Ferrule, 18AWG Single Wire	16
42	T163316	Insulated Ferrule, 18AWG Two Wire	1
43	T163603	Ring Terminal, Heat Shrinkable, 22-18 AWG, 1/4" Stud	2

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	RCL ASSEMBLY, ORPS (ELEMENT II DISPLAY)	DATE: Revised 11-2018	CHAPTER 1
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	707A4669 (Rev. A)	Guide, Roller	
1	707-4670	Roller.....	4
2	707-4673	Tube, Guide Roller.....	1
3	NYM-508M000-Y8	Nut, NYL-INS M5-0.8, ST SQC G8.....	4
4	S43-508M080-29	SCR, SHCS M5 X 0.8 X 80, ST SQC C10.9.....	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



GUIDE ROLLER

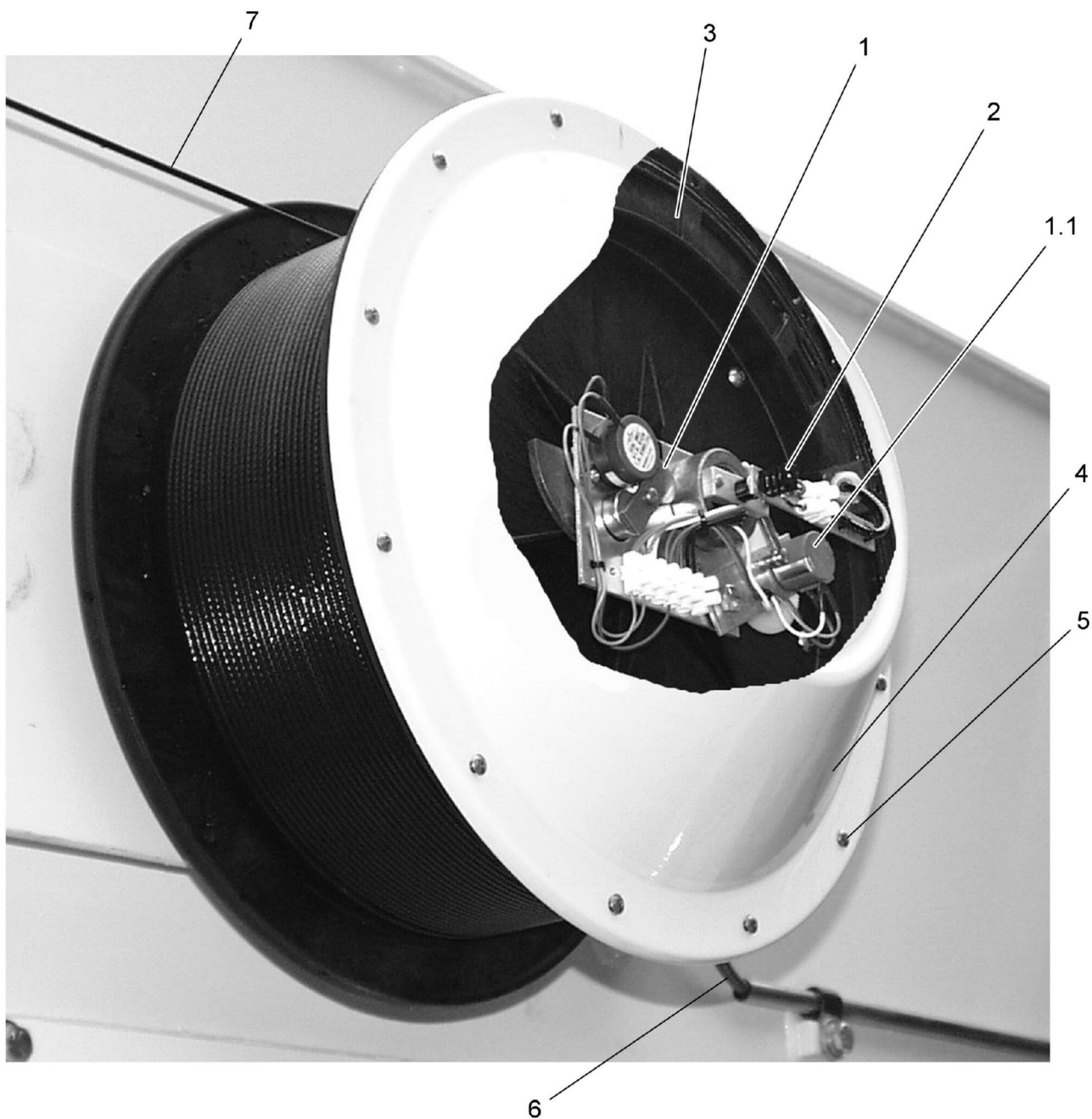
DATE: Released 03-2019

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



GREER RCL 510 REEL

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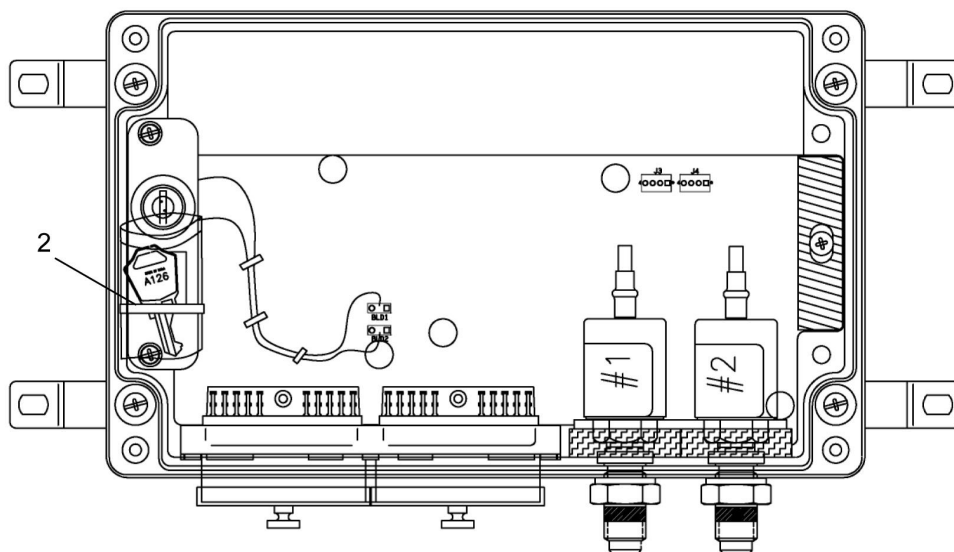
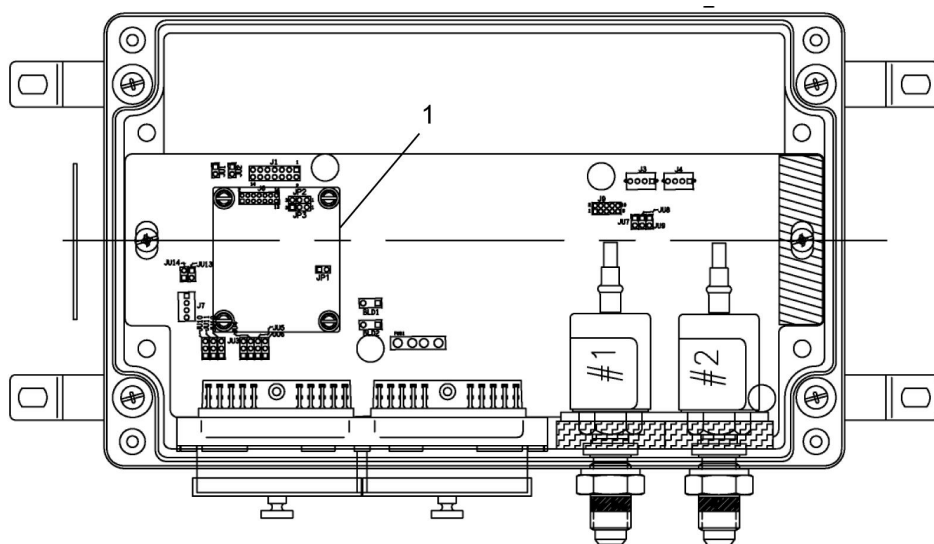
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	717-0778 (Rev. 00)	<i>Reeling Drum, RCL510</i>	
1	216651	Base Plate Assembly	1
1.1	216652	Potentiometer, Extension	1
1.2	216946	Potentiometer, Angle	REF
2	216653	Slip Ring	1
3	216654	O-Ring	1
4	216655	Cover Assembly	1
5	216656	Screw	12
6	216657	Cable, Tail	1
7	216658	EXT. Cable Assembly	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	GREER RCL 510 REEL	DATE: Released 08-2011	CHAPTER 1
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REF	PART NO.	DESCRIPTION	QTY
	T135335 (Rev. A)	Computer, W/Data Recorderr	
1	223284	PCB ASSY Daughter Card Can Dataloger 64K ATMEL.....	1
2	222417	Secure Bag Of Keys	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



COMPUTER W/DATA RECORDER

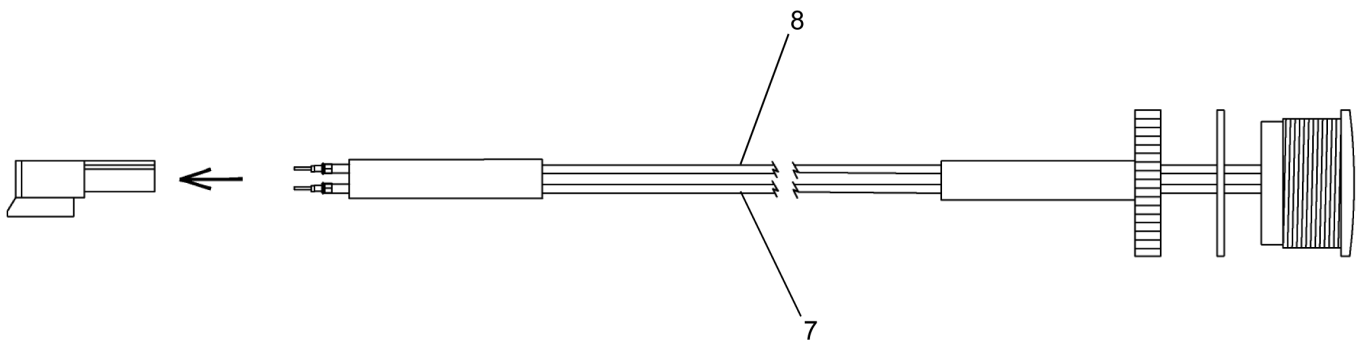
DATE: Revised 10-2014

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HORN ASSEMBLY, RCL (GREER)

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T118425 (Rev. A)	<i>Horn Assembly, RCL (Greer)</i>	
1*	223133	Horn Loud Tone 7VDC-15VDC, Floydbell SP-811A	1
2*	223134	Heatshrink Tubing 1/8"	9 IN
3*	223135	Heatshrink Tubing 1/4"	11 IN
4*	223136	Connector Receptacle DEUTSCH DTM04-2P Uses 223137 Terminal, P041458	1
5*	223137	Connector Secondary Lock 2-Way, DEUTSCH	1
6*	223138	Connector Terminal (M) 20-24 GA, DEUTSCH 0460-202-20141	2
7	223139	Wire 22AWG Black, PVC Hook-up Wire	14 IN
8	223140	Wire 22AWG Red, PVC Hook-up Wire	14 IN

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	HORN ASSEMBLY, RCL (GREER)	DATE: Released 10-2014	CHAPTER 1
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2 JOY STICK- RIGHT HAND



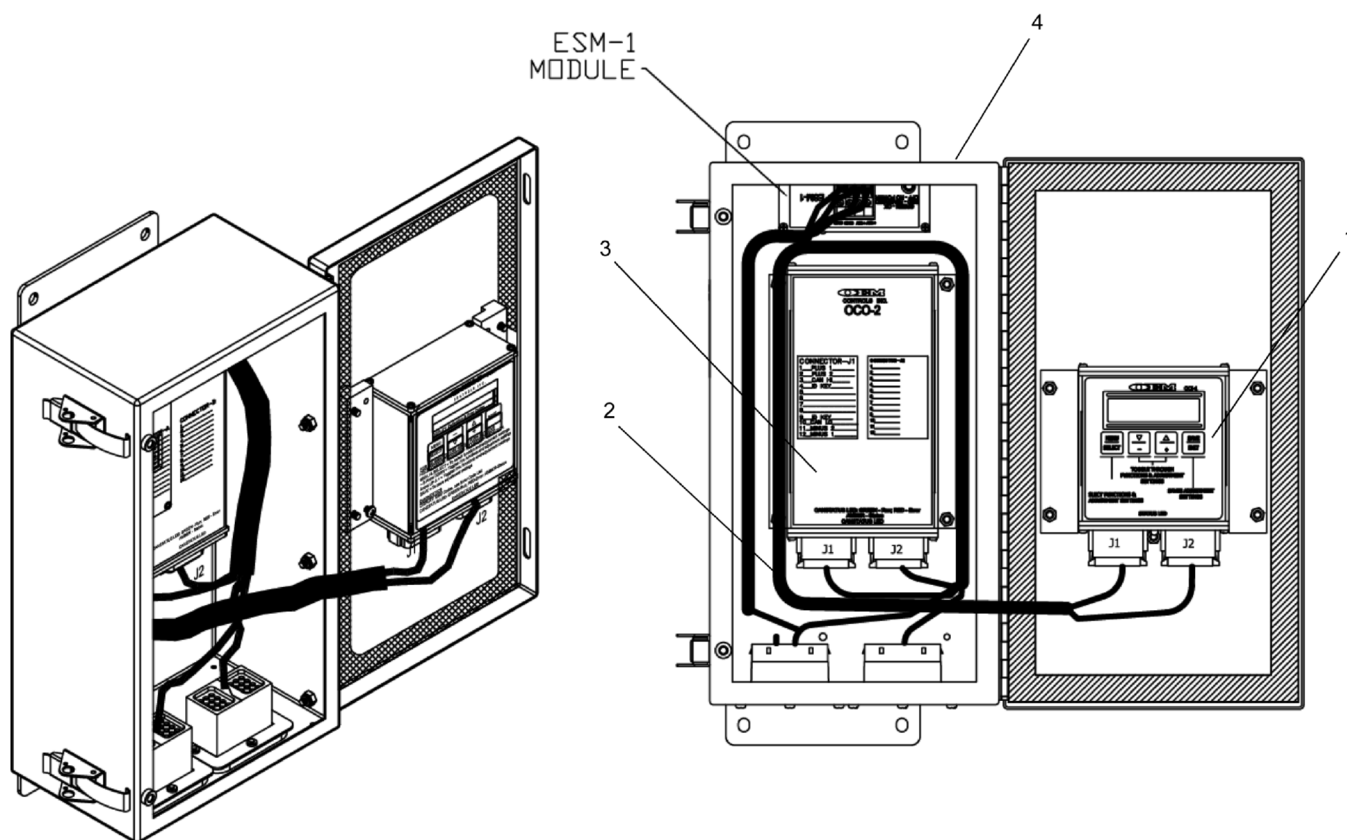
JOY STICK- LEFT HAND

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719A0920 (Rev. 00)	Single Lever-Dual Axis	
1*	719-0919	Single Lever Dual Axis Control Box (see page 216)	1
2	719-0947	Single Lever Dual Axis Joystick, Right (see page 217)	1
3	719-0948	Single Lever Dual Axis Joystick, Left (see page 219)	1
4*	724-0264	Controller RH Dual Axis	1
5*	724 0265	Controller LH Dual Axis	1

* ITEM NOT SHOWN IN ILLUSTRATION.

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	MODULE ARM ASSEMBLY	DATE: Released 08-2011	CHAPTER 1
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REF	PART NO.	DESCRIPTION	QTY
	719-0919 (Rev. 00)	Single Lever Dual Axis Control Box	
1	219995	OEMCAN Input Module	1
2	219994	Wire Harness W/Connectors	1
3	219993	OEMCAN Output Module	1
4	219991	Enclosure	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



CONTROL BOX SINGLE LEVER DUAL AXIS

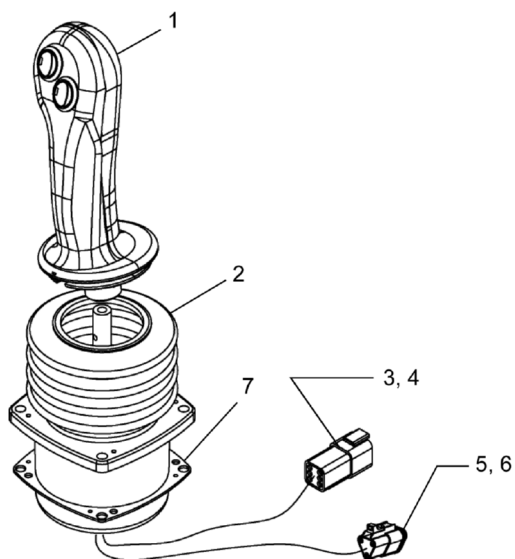
DATE: Revised 05-2016

MODEL: 60-110

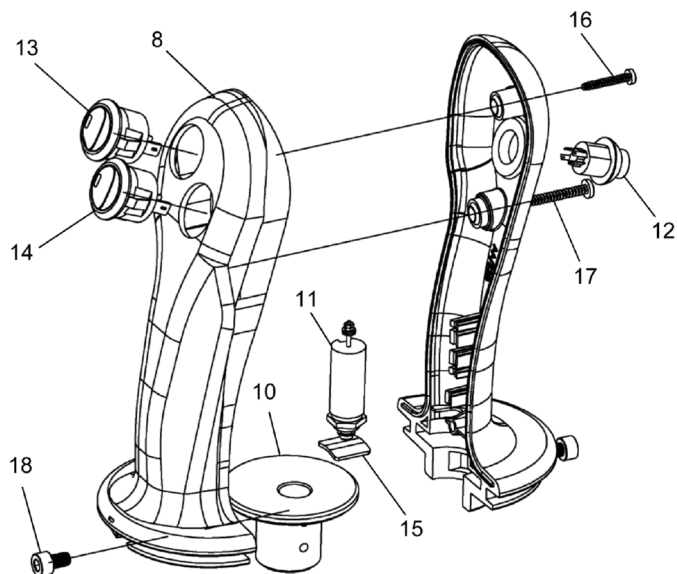
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RIGHT ARM ASSEMBLY - DOUBLE AXIS



HANDLE ASSEMBLY

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



RIGHT ARM ASSEMBLY DOUBLE - AXIS

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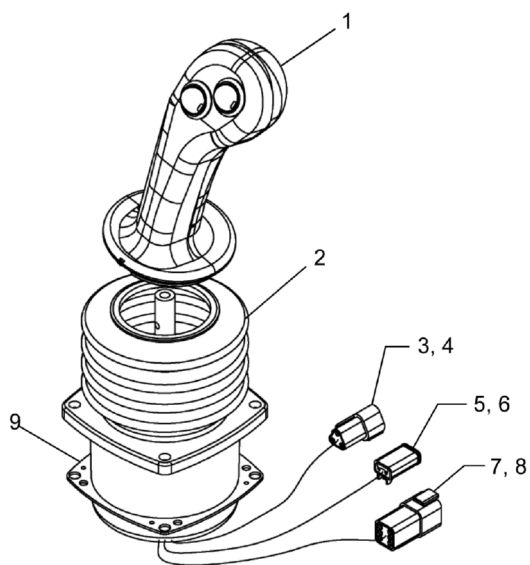
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719-0947 (Rev. 00)	<i>Single Lever Dual Axis Joystick, Right</i>	
1	220630	Handle Assembly (Includes Items 8 thru 18)	1
2	219784	Boot	1
3	220631	Connector	1
4	220632	Wedge	1
5	220633	Connector	1
6	220634	Wedge	1
7	220635	Gasket	1
8	220636	Handle	1
9*	220637	Handle	1
10	220638	Coupling	1
11	219978	Solenoid	1
12	218890	Otto SW	1
13	220639	Red Rocker	1
14	220640	Green Rocker	1
15	220641	Thumper Light	1
16	220642	Screw	1
17	220643	Screw	1
18	220644	Screw	2

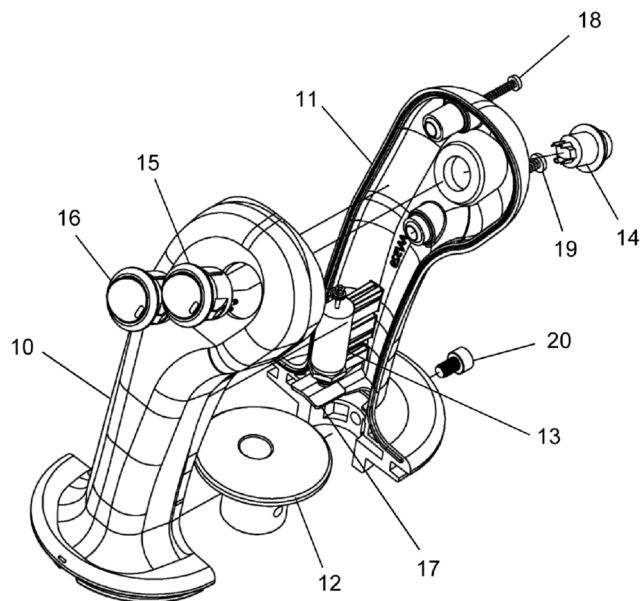
* ITEM NOT SHOWN IN ILLUSTRATION.

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	RIGHT ARM ASSEMBLY DOUBLE - AXIS	DATE: Released 08-2011	CHAPTER 1
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LEFT ARM ASSEMBLY - DOUBLE AXIS



HANDLE ASSEMBLY

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



LEFT ARM ASSEMBLY DOUBLE - AXIS

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719-0948 (Rev. 00)	<i>Single Lever Dual Axis Joystick, Left</i>	
1	220645	Handle Assembly (Includes Items 10 thru 20)	1
2	219784	Boot	1
3	220646	Connector	1
4	220647	Wedge	1
5	220648	Connector	1
6	220649	Wedge	1
7	220631	Connector	1
8	220632	Wedge	1
9	220635	Gasket	1
10	220650	Handle	1
11	220651	Handle	1
12	220638	Coupling	1
13	219978	Solenoid	1
14	218890	Otto SW	1
15	220639	Red Rocker	1
16	220640	Green Rocker	1
17	220641	Thumper Light	1
18	220642	Screw	1
19	220643	Screw	1
20	220644	Screw	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



LEFT ARM ASSEMBLY DOUBLE - AXIS

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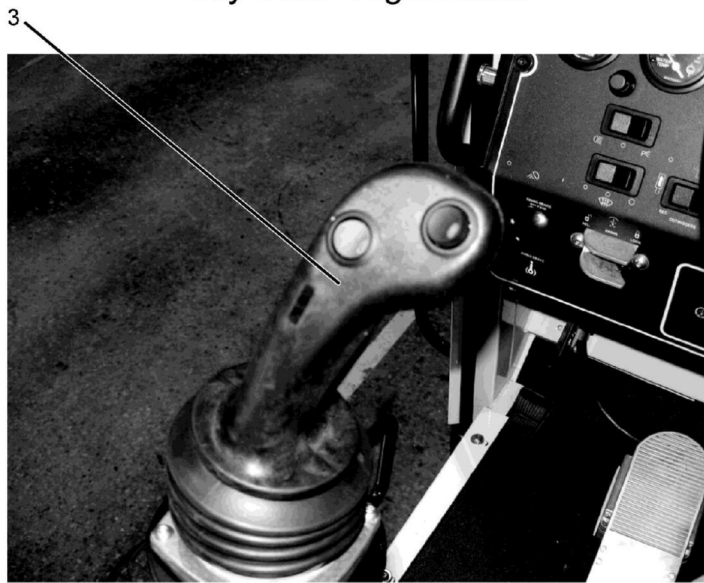
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Joy Stick- Right Hand



Joy Stick- Left Hand

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719A0920 (Rev. A)	ASSY Single Lever Controls	
1*	719-0919	Single Lever Dual Axis Control Box (see page 216)	1
2	719-0947	Single Lever Dual Axis Joystick, Right (see page 217)	1
3	719-0948	Single Lever Dual Axis Joystick, Left (see page 219)	1

* ITEM NOT SHOWN IN ILLUSTRATION.

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	ARM MODULE ASSEMBLY	DATE: Revised 10-2014	CHAPTER 1
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JOY STICK- RIGHT HAND



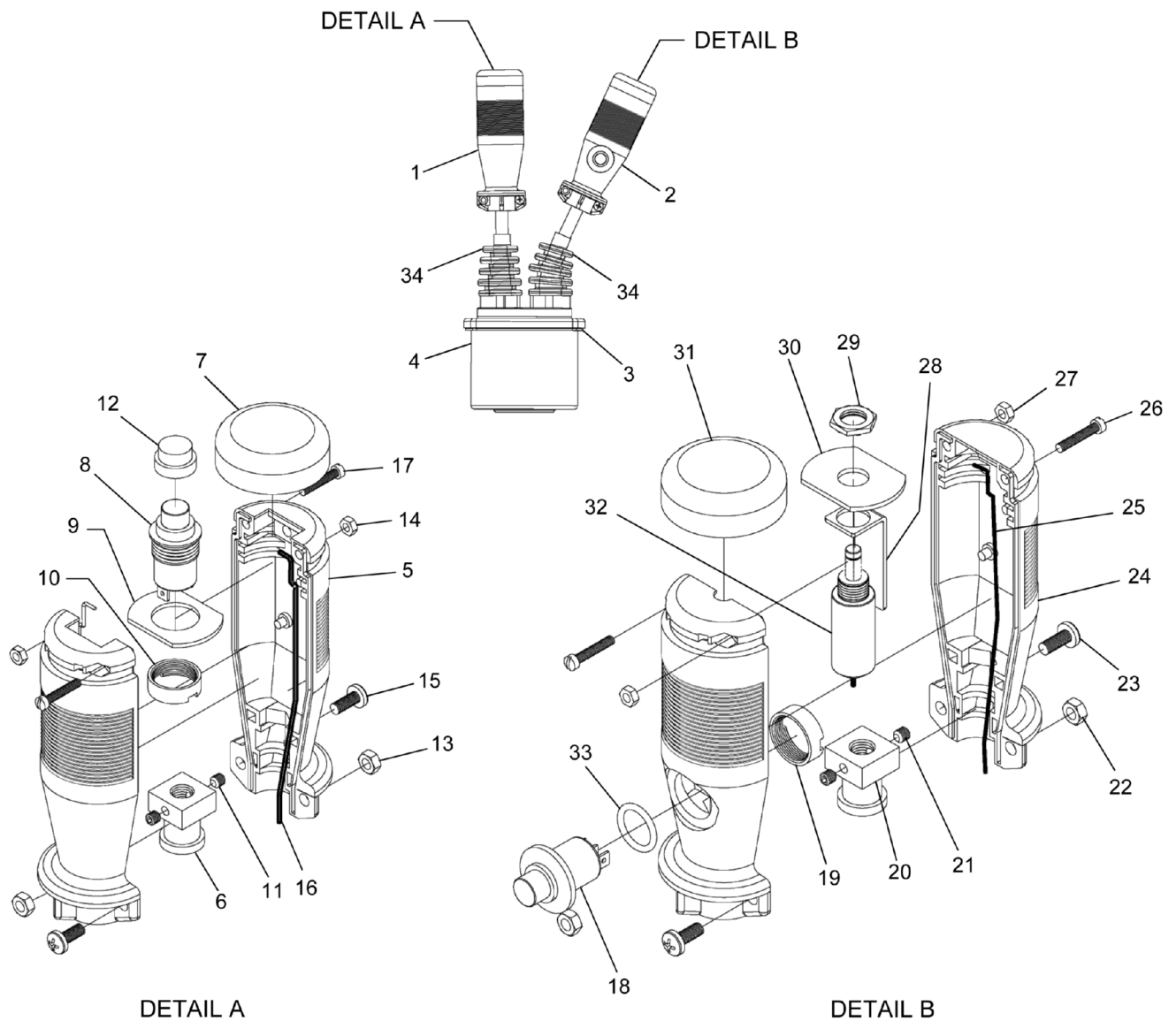
JOY STICK- LEFT HAND

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719A0921 (Rev. 00)	<i>Dual Lever-Single Axis</i>	
1*	12400-967	Decal, Overlay	1
2	719-0922	Dual Lever Single Axis Joystick, Right (see page 223)	1
3	719-0923	Dual Lever Single Axis Joystick, Left (see page 225)	1
4*	719A0921-Control Box	Control Box (see page 227)	1

* ITEM NOT SHOWN IN ILLUSTRATION.

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



RIGHT ARM ASSEMBLY SINGLE AXIS

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719-0922 (Rev. 00)	<i>Dual Lever Single Axis Joystick, Right</i>	
1	220653	Handle ASSY (Includes Items 18 thru 34)	1
2	220652	Handle ASSY (Includes Items 5 thru 17)	1
3	220635	Gasket	1
4	220654	Can	1
5	220660	Handle	2
6	220655	Coupling	1
7	220663	Boot	1
8	220665	Push Button	1
9	220666	Disc Top Push Button	1
10	220667	Push Button Nut	1
11	220656	Set Screw	2
12	220664	P.B. Knob	1
13	220658	Nut	2
14	220661	Nut	2
15	220659	Screw	2
16	220657	Gasket	2
17	220662	Screw	2
18	220665	Push Button	1
19	220667	Push Button Nut	1
20	220655	Coupling	1
21	220656	Set Screw	2
22	220658	Nut	2
23	220659	Screw	2
24	220668	Handle Set	2
25	220657	Gasket	2
26	220662	Screw	2
27	220661	Nut	2
28	220669	Thumper Bracket	1
29	220670	Nut	1
30	220671	Plate	1
31	220663	Boot	1
32	219978	Solenoid	1
33	220672	O Ring	2
34	229727	Boot	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



RIGHT ARM ASSEMBLY SINGLE AXIS

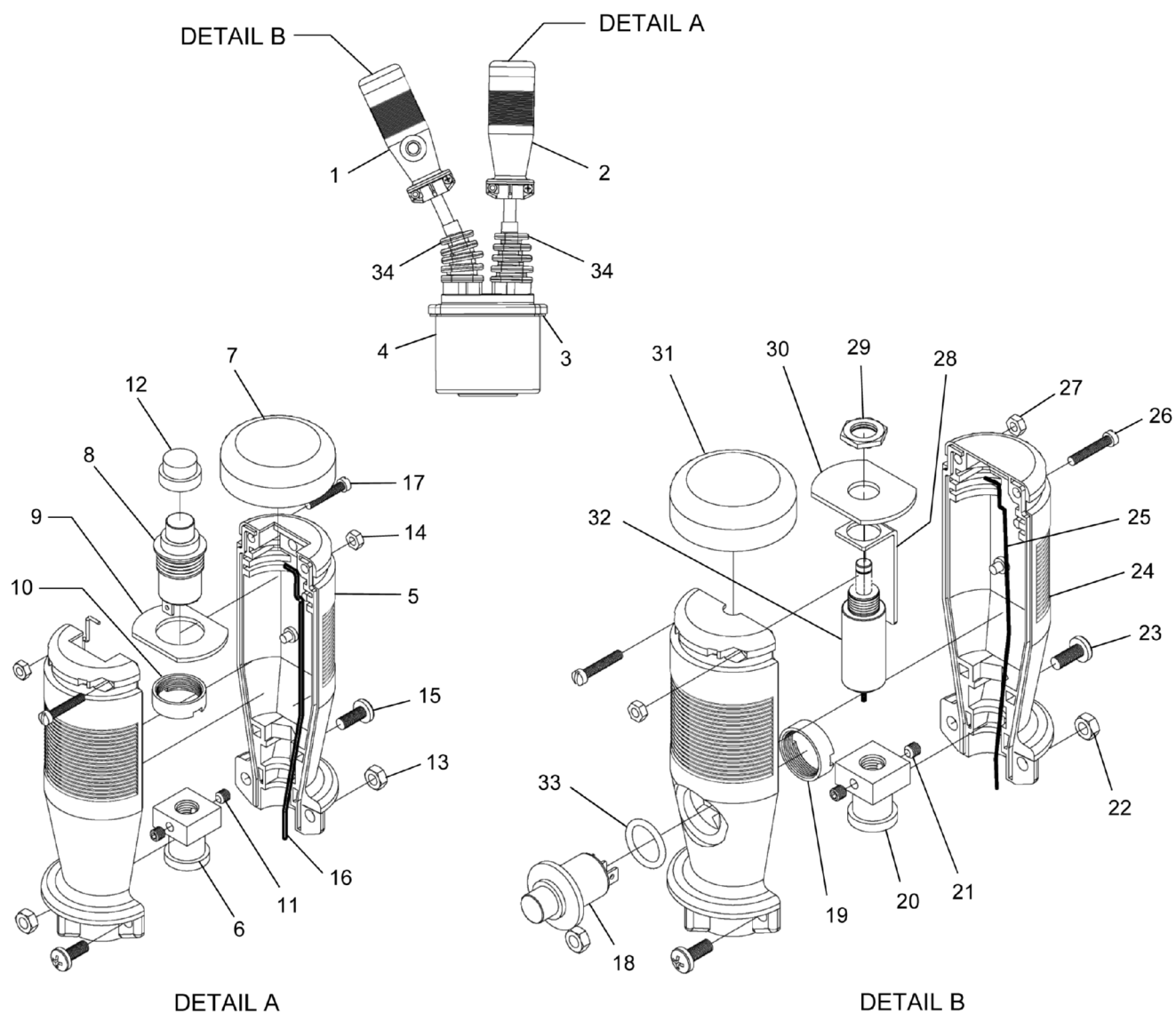
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



LEFT ARM ASSEMBLY SINGLE AXIS

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719-0923 (Rev. 00)	<i>Dual Lever Single Axis Joystick, Left</i>	
1	220652	Handle ASSY (Includes Items 5 thru 17)	1
2	220653	Handle ASSY (Includes Items 18 thru 34)	1
3	220635	Gasket	1
4	220654	Can	1
5	220660	Handle	2
6	220655	Coupling	1
7	220663	Boot	1
8	220665	Push Button	1
9	220666	Disc Top Push Button	1
10	220667	Push Button Nut	1
11	220656	Set Screw	2
12	220664	P.B. Knob	1
13	220658	Nut	2
14	220661	Nut	2
15	220659	Screw	2
16	220657	Gasket	2
17	220662	Screw	2
18	220665	Push Button	1
19	220667	Push Button Nut	1
20	220655	Coupling	1
21	220656	Set Screw	2
22	220658	Nut	2
23	220659	Screw	2
24	220668	Handle Set	2
25	220657	Gasket	2
26	220662	Screw	2
27	220661	Nut	2
28	220669	Thumper Bracket	1
29	220670	Nut	1
30	220671	Plate	1
31	220663	Boot	1
32	219978	Solenoid	1
33	220672	O Ring	2
34	229727	Boot	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



LEFT ARM ASSEMBLY SINGLE AXIS

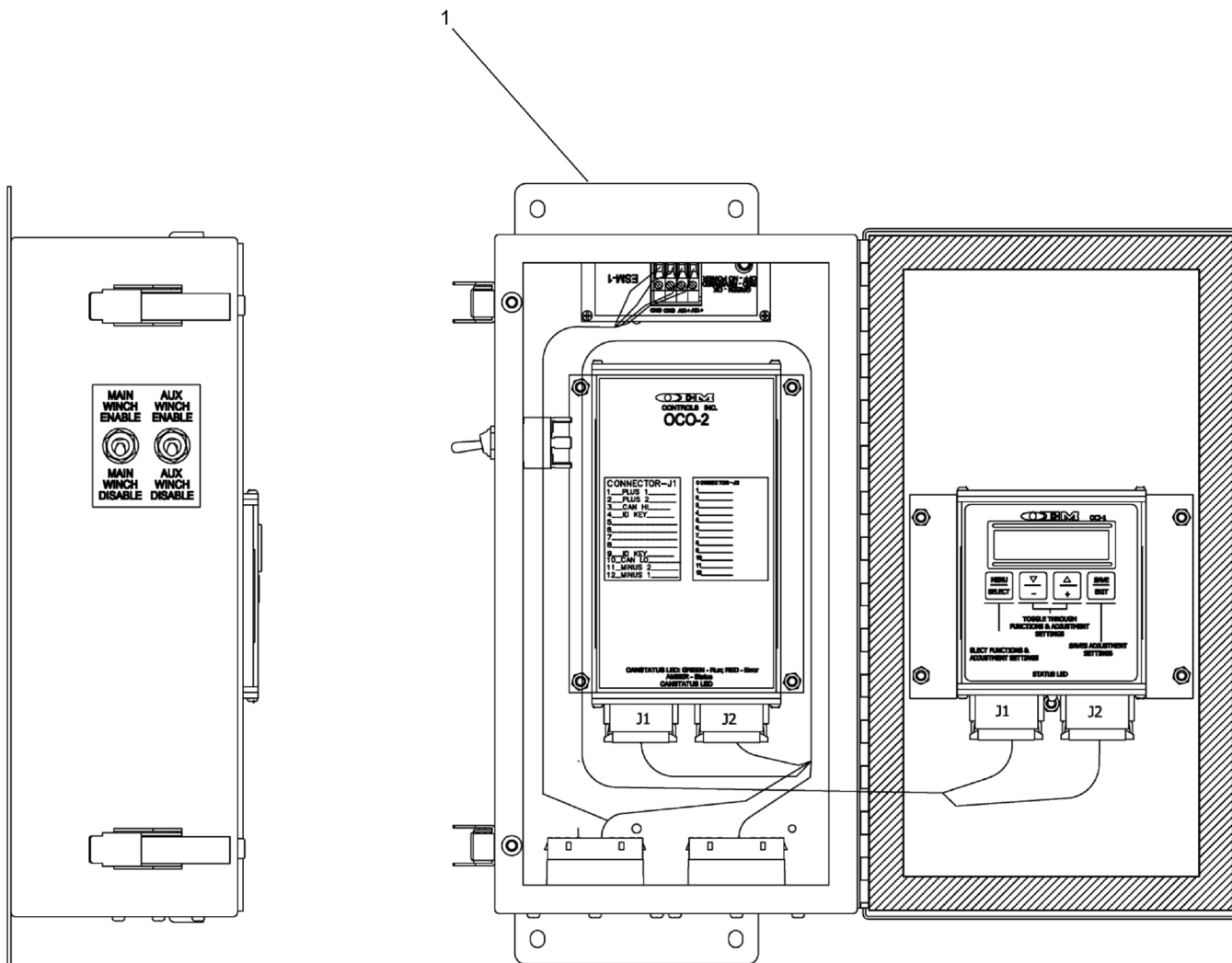
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REF	PART NO.	DESCRIPTION	QTY
	719A0921-Control Box (Rev. 00)	Control Box	
1	719-0924	Control Box, Dual Lever-Single Axis	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



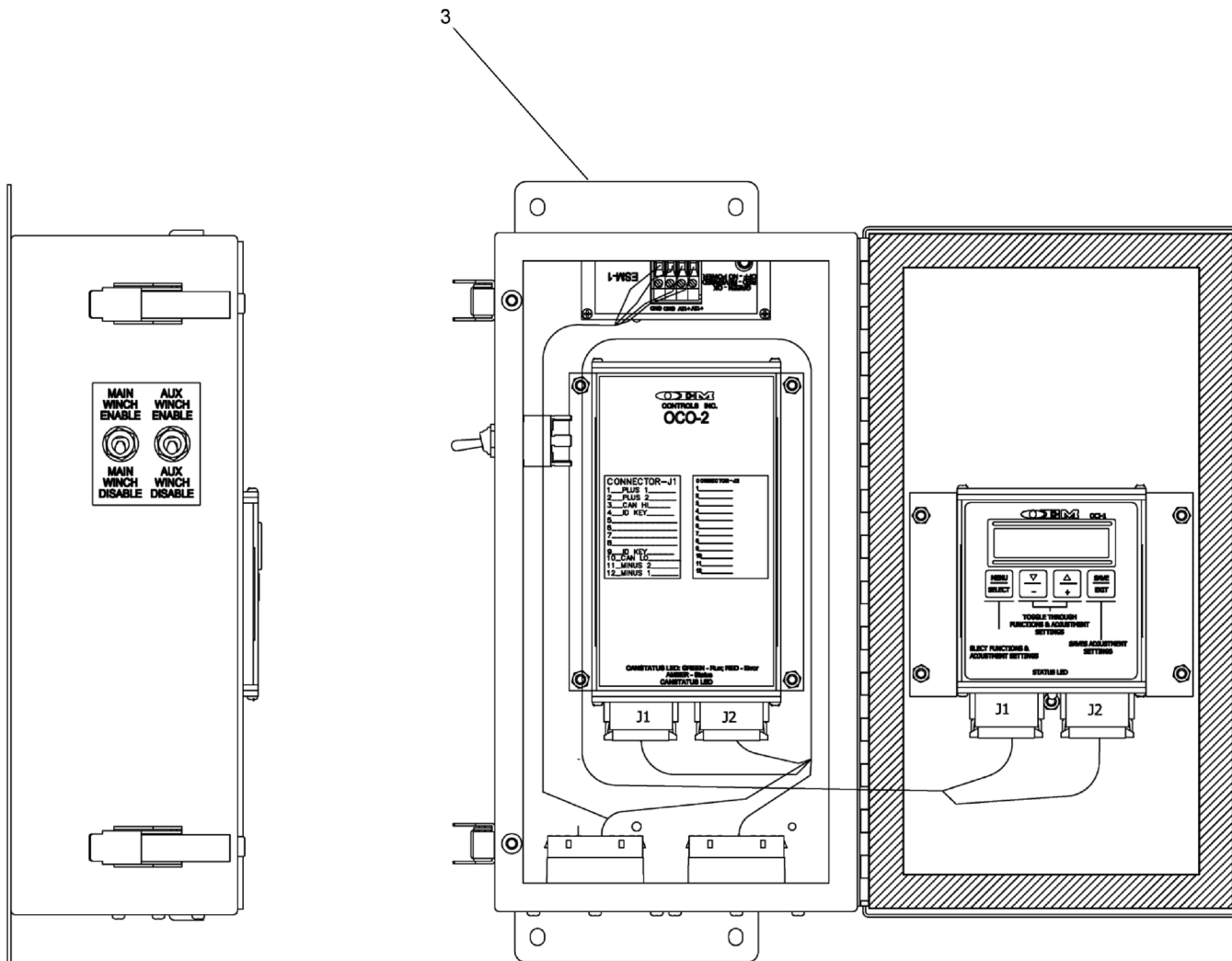
Joy Stick- Right Hand



Joy Stick- Left Hand

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719A0921 (Rev. A)	Dual Lever Single Axis ASSY	
1	719-0922	Dual Lever Single Axis Joystick, Right (see page 223)	1
2	719-0923	Dual Lever Single Axis Joystick, Left (see page 225)	1
3	719-0924	Control Box, Dual Lever-Single Axis	1

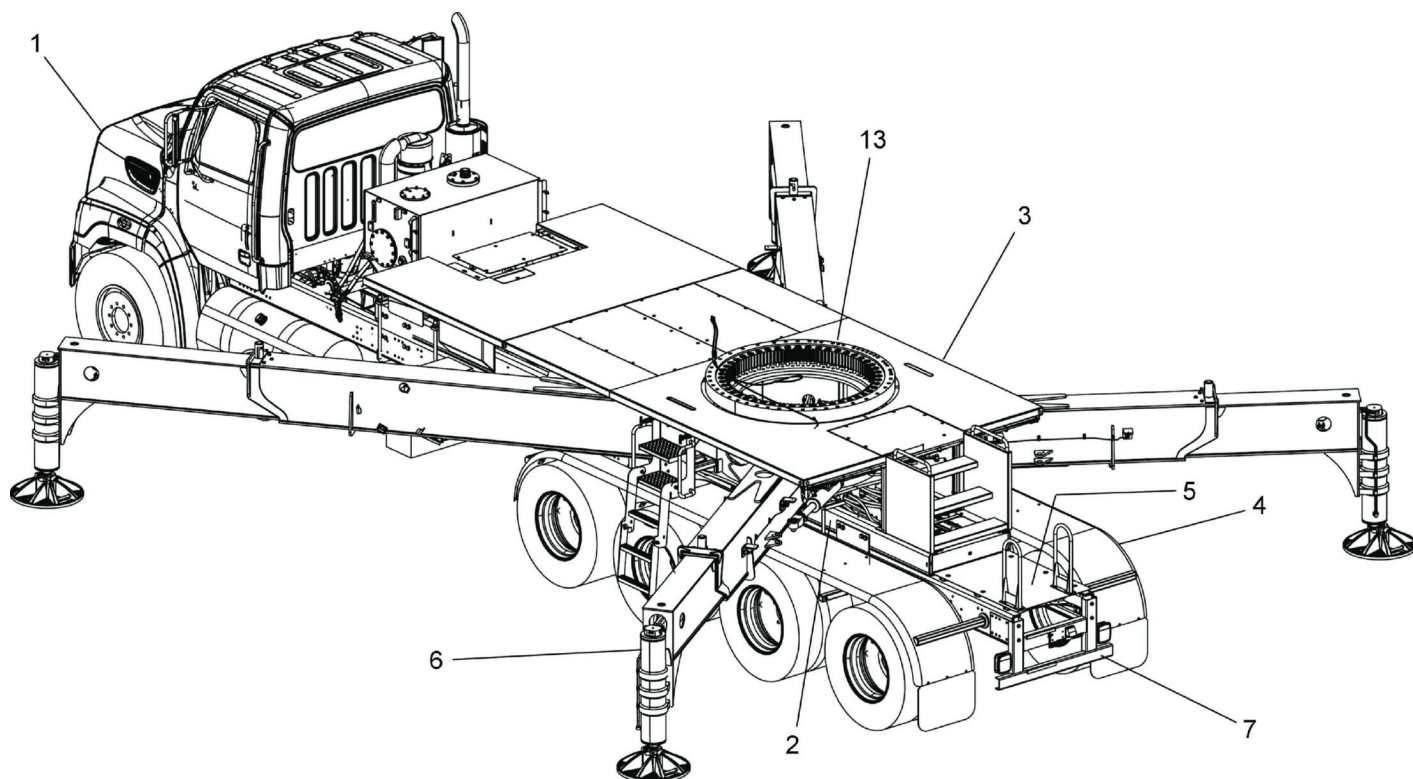
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

CHAPTER NO. 2

60-110 LOWER STRUCTURE



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



60-110 LOWER STRUCTURE

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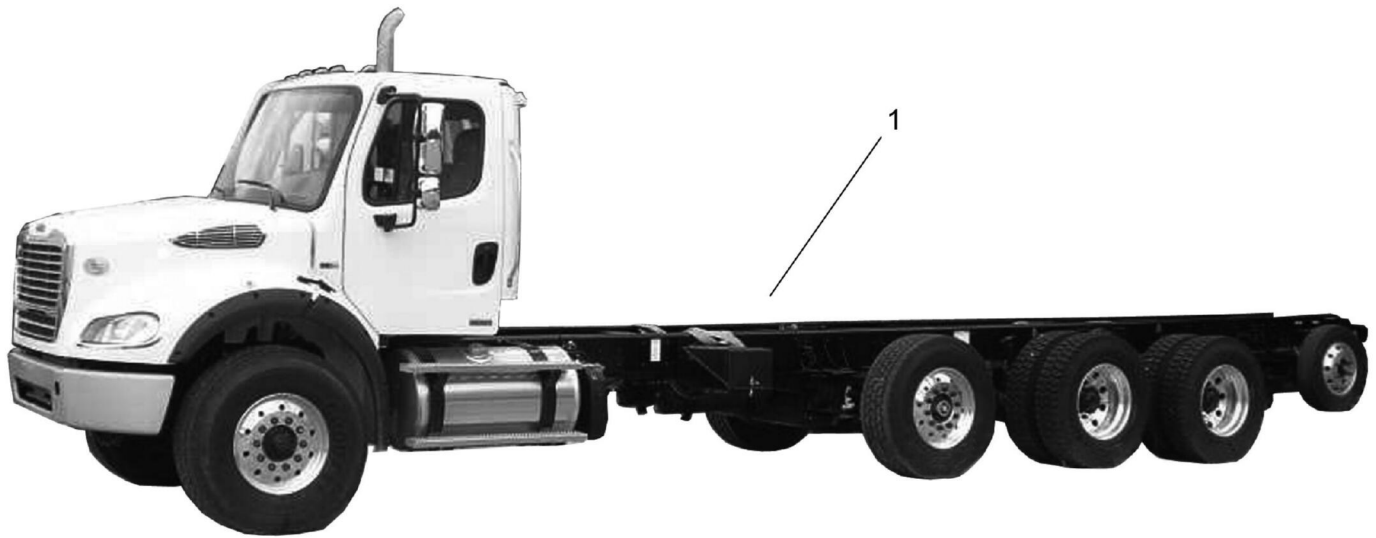
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	XO 6000-LWR-STR (Rev. 00)	60-110 LOWER STRUCTURE	
1	XO 6000-CHASSIS	60-110 Chassis Options (see page 235)	REF
2	T108158	Center Structure Installation (see page 236)	REF
3	T108161	Deck Installation (see page 238)	REF
4	T123817	Fender Installation (see page 246)	REF
5	T119960	Platform Installation (see page 250)	REF
6	T108159	Outrigger Installation (see page 253)	REF
7	T122108	Rear Bumper Installation (see page 255)	REF
8*	T108160	Boom Rest Installation (see page 257)	REF
9*	T119331	Counterweight Rack Installation (see page 258)	REF
10*	T108165	Lower Electrical Installation (see page 260)	REF
11*	T128913	Lower Hydraulic Assembly (see page 267)	REF
12*	XO 6000-PUMP DRV	Pump / PTO Options (see page 287)	REF
13	T108155	Bearing Installation (see page 295)	REF
14**	XO 6000-Hose OPTs*	Hose Kit Options (see page 297)	REF

* NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	60-110 LOWER STRUCTURE	DATE: Revised 09-2017	CHAPTER 2
		MODEL: 60-110	
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Refer to Truck Chassis manufacturer (Freightliner/ Western Star) for truck repair/replacement parts.

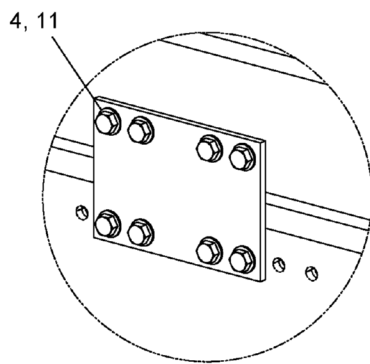
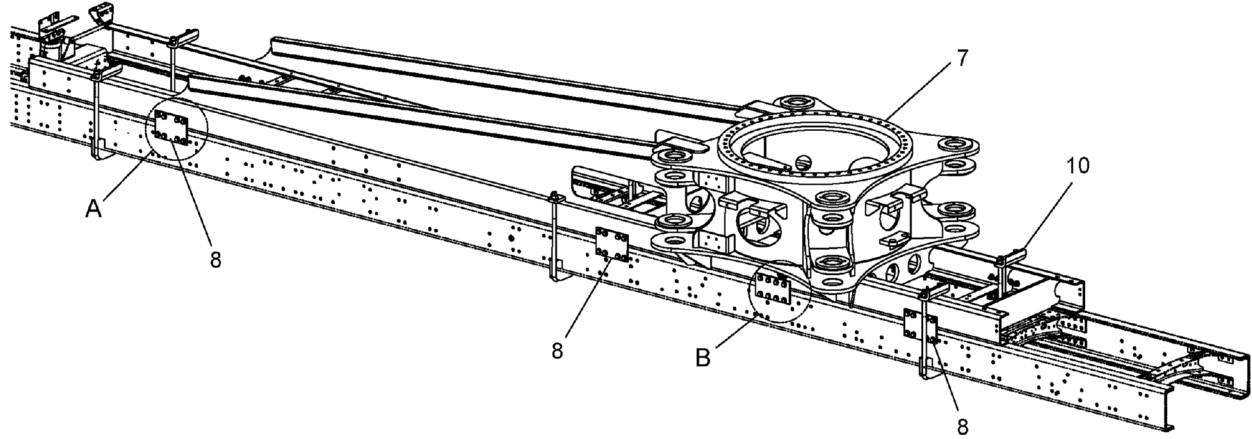
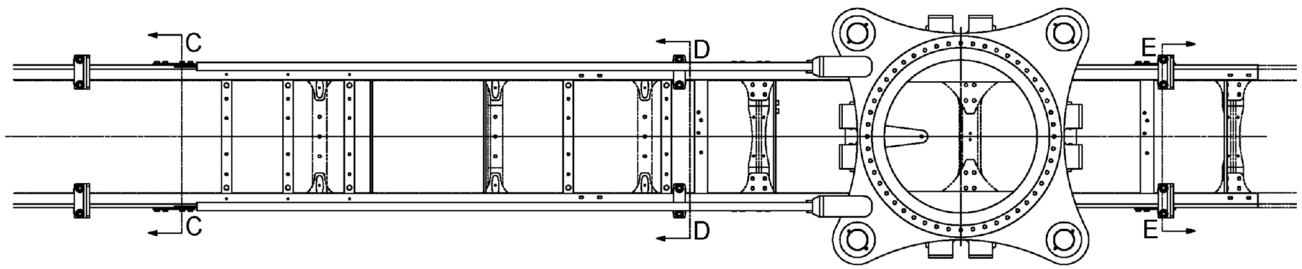
RECORD VEHICLE/MACHINE INFORMATION BELOW FOR USE WHEN ORDERING PARTS

Truck Chassis Manufacturer _____ Model _____	Comments
Boom Truck Model No. _____ Serial No. _____	Comments
Optional Equipment _____	Comments

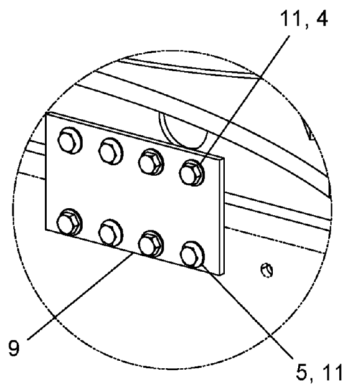
REF	PART NO.	DESCRIPTION	QTY
		XO 6000-CHASSIS (Rev. 00) 60-110 Chassis Options	
1	T118658	4900SA Western Star Chassis, 291 WB	1
1A	T119157	2012 Freightliner M2 112, Allison Auto, 291" WB	1
1B	T125511	Chassis, 2013 Western Star, 4900SA, 291" W.B.	1
1C	T129322	2014 Western Star 4800SB Chassis	1
1D	T145495	KW T800 Tandem TRIDEM 336WB	1
1E	T146493	2016 Western Star 4700, 291WB, Allison 4500	1
1F	T163268	2019 Kenworth T880 450HP Auto Pusher, Tag	1
1G	T163604	2019 Freightliner 114SD Single-Pusher-Tridem AUTO	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

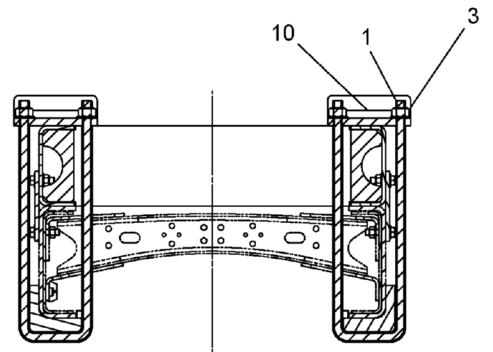
	CHASSIS VARIANTS	DATE: Revised 04-2018	CHAPTER 2
		MODEL: 60-110	
		PAGE: 235	



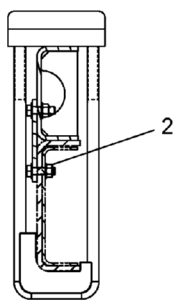
DETAIL A



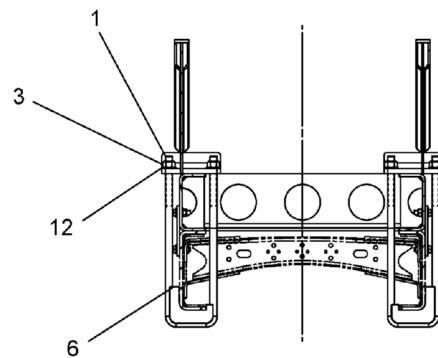
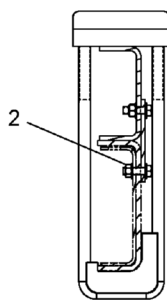
DETAIL B



SECTION E - E



SECTION C - C



SECTION D - D

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T108158 (Rev. D)	<i>Center Structure Installation</i>	
1	220-99066	U-Bolt, Square Bottom	6
2	NTP-625C000-25	Nut, HEX TPLCK 0.625-11, ST SQC G5	64
3	NTP-A00C000-2C	Nut, HEX TPLCK 1.00-8, ST Z GRC	12
4	S01-625CB00-Y8	SCR, HHCS 0.625-11 X 2.00, ST YZ G8	40
5	S01-625CB50-Y8	SCR, HHCS 0.625-11 X 2.50, ST SQC G8	24
6	T107283	ASSY-U Bolt Saddle	6
7	T109206	Center Structure Weldment	1
8	T117395	Plate, Shear	6
9	T117743	Plate, Shear	2
10	T133066	Plate, Clamp	4
11	WAH-62NX000-Y2	WSH, FL HRD A-NRW 0.625, ST YZ	128
12	WAH-A0NX000-Y2	WSH, FL HRD A-NRW 1.00, ST YZ	12

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



CENTRE STRUCTURE INSTALLATION

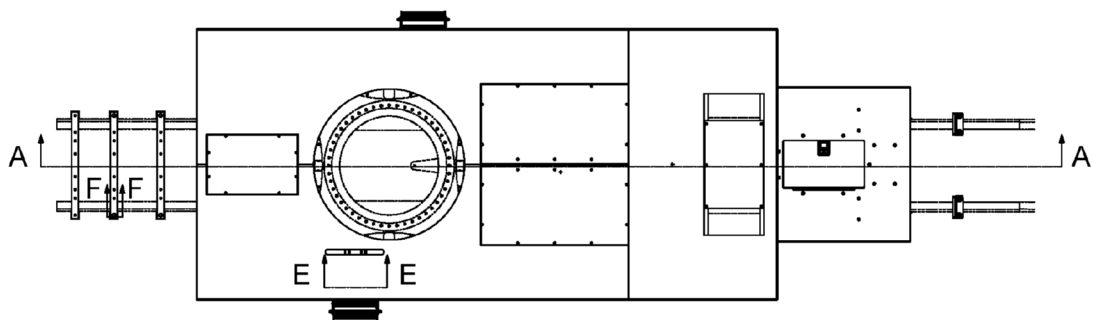
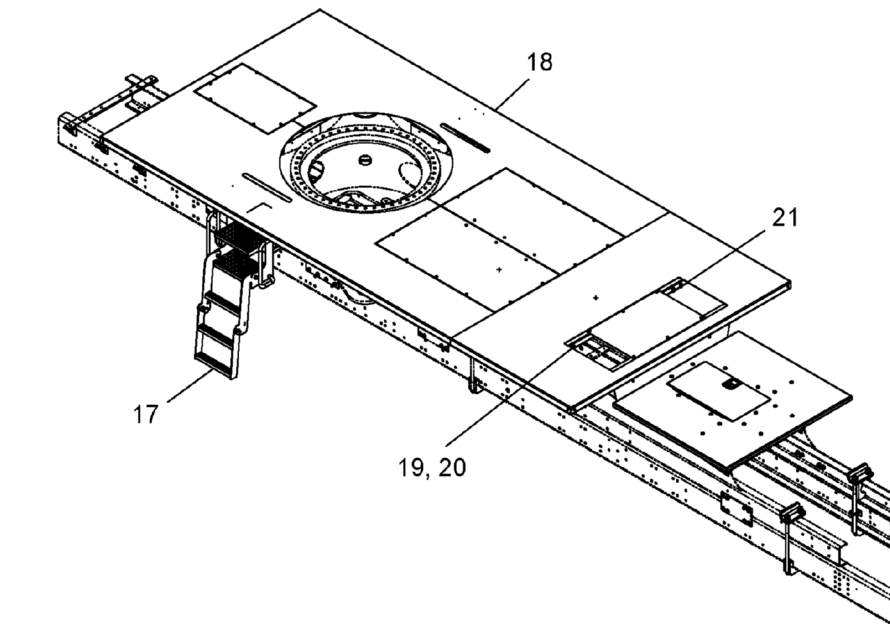
DATE: Revised 04-2018

MODEL: 60-110

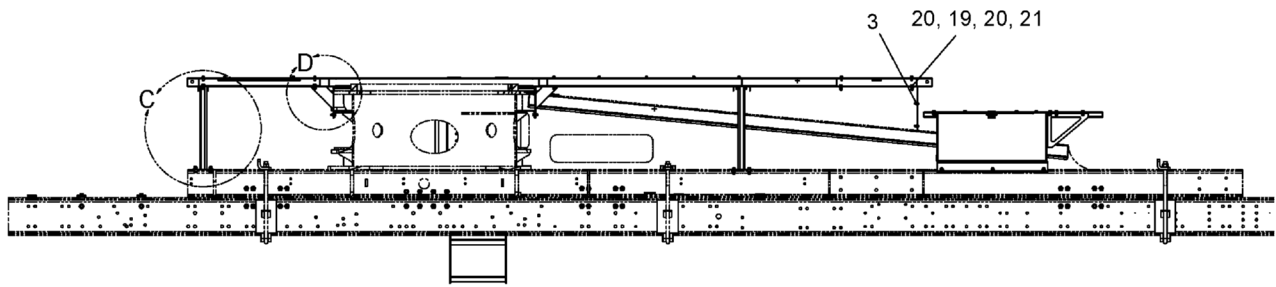
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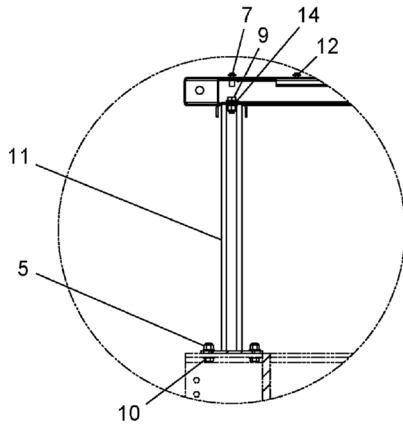
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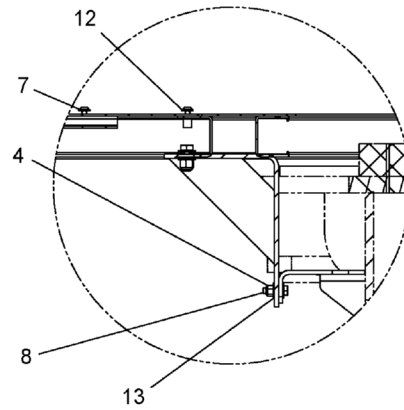
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



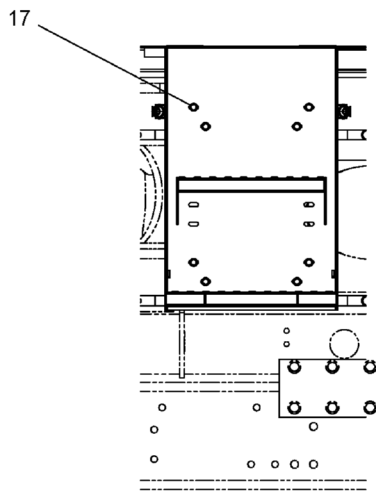
SECTION A - A



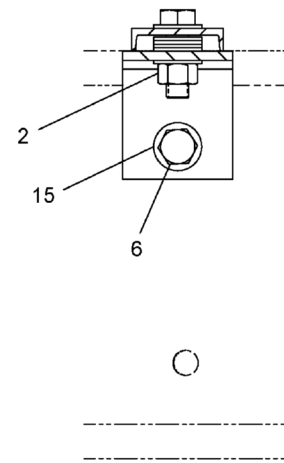
DETAIL C



DETAIL D



SECTION E - E



SECTION F - F

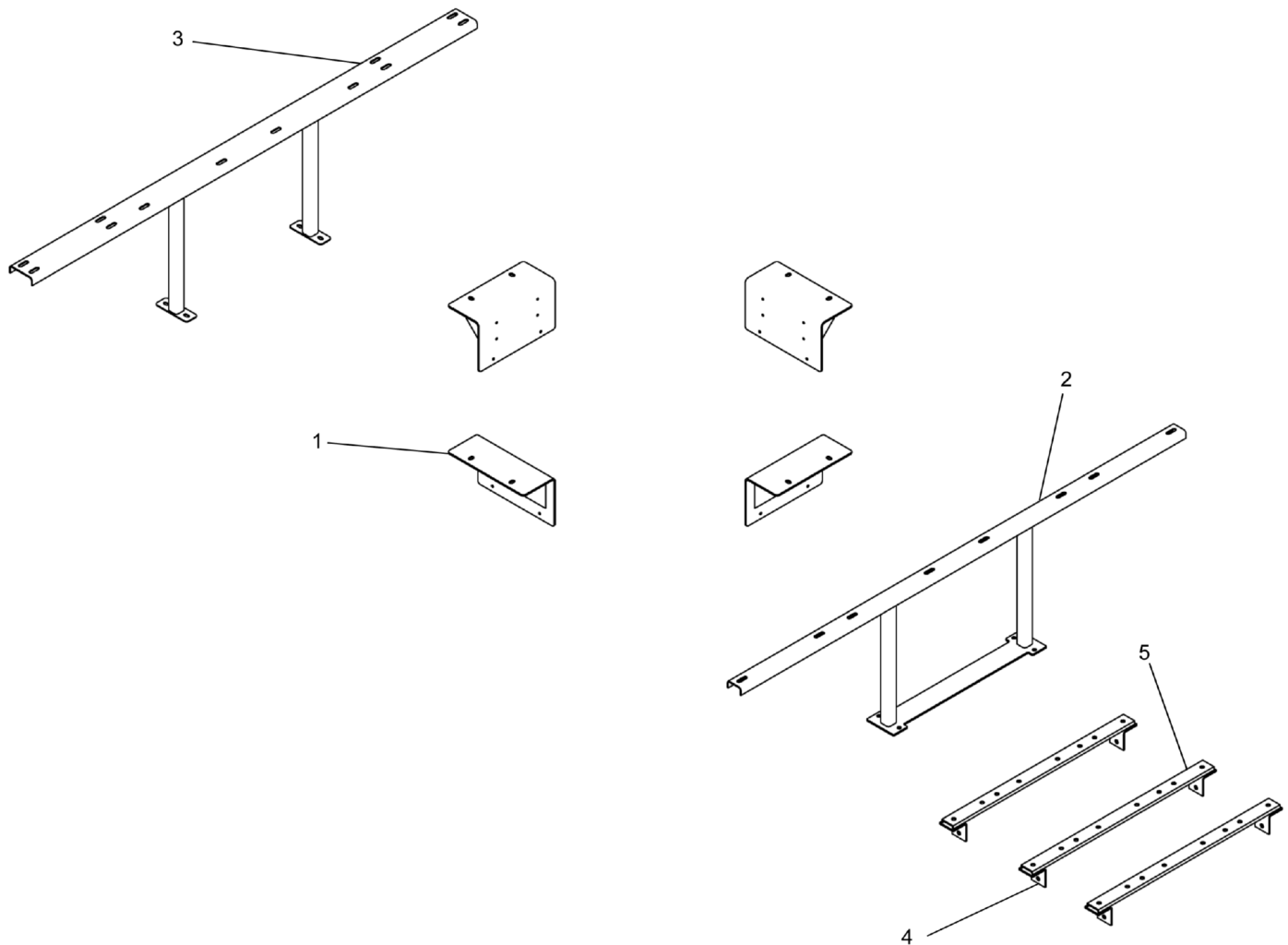
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T108161 (Rev. F)	<i>Deck Installation</i>	
1*	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	2
2	N04-625C000-Y8	Nut, HEX 0.625-11, ST YZ GR8	8
3	NYL-312C000-25	Nut, HEX NYL-INS 0.312-18, ST Z G5	4
4	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	24
5	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	40
6	S01-625CB00-Y8	SCR, HHCS 0.625-11 X 2.00, ST YZ G8	8
7	S18-312CA00-E8	SCR, BSHCS 0.312-18 X 1.00, SS18-8	38
8	SHF-375CA25-25	SCR, HHCS FT 0.375-16 X 1.25, STZ G5	24
9	SHF-500CA25-25	SCR, HHCS FT 0.50-13 X 1.25, ST Z G5	34
10	SHF-500CA50-25	SCR, HHCS FT 0.50-13 X 1.50, ST Z G5	8
11	T113262	Mounting Kit, Deck (see page 241)	1
12	WAH-31NX000-Y2	WSH, FL HRD A-NRW 0.3125, ST YZ	42
13	WAH-43NX000-Y2	WSH, FL HRD A-NRW 0.4375, ST YZ	40
14	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	86
15	WAH-62NX000-Y2	WSH, FL HRD A-NRW 0.625, ST YZ	32
16*	WAH-37NX000-Y2	WSH, FL HRD A-NRW 0.375, ST YZ	32
17	T134367	Ladder Assembly (see page 242)	2
18	T132368	Deck Kit (see page 244)	1
19	W07-438X000-20	WSH, LCK, MED SPLT 0.4375, ST Z	12
20	S01-438CA25-25	SCR, HHCS 0.4375-14 X 1.25, ST Z G5	12
21	N04-438C000-25	Nut, HEX 0.4375-14, ST Z GR5	12

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	DECK INSTALLATION	DATE: Revised 03-2019	CHAPTER 2
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REF	PART NO.	DESCRIPTION	QTY
	T113262 (Rev. F)	Mounting Kit, Deck	
1	T113168	Bracket ASSY, Mount	4
2	T113161	Mount ASSY, Rear	1
3	T113157	Mount ASSY, Deck	1
4	T118712	Bracket, Channel Mount	6
5	T118692	Channel, 2.50 X 40.00 X 2.27	3

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



MOUNTING KIT, DECK

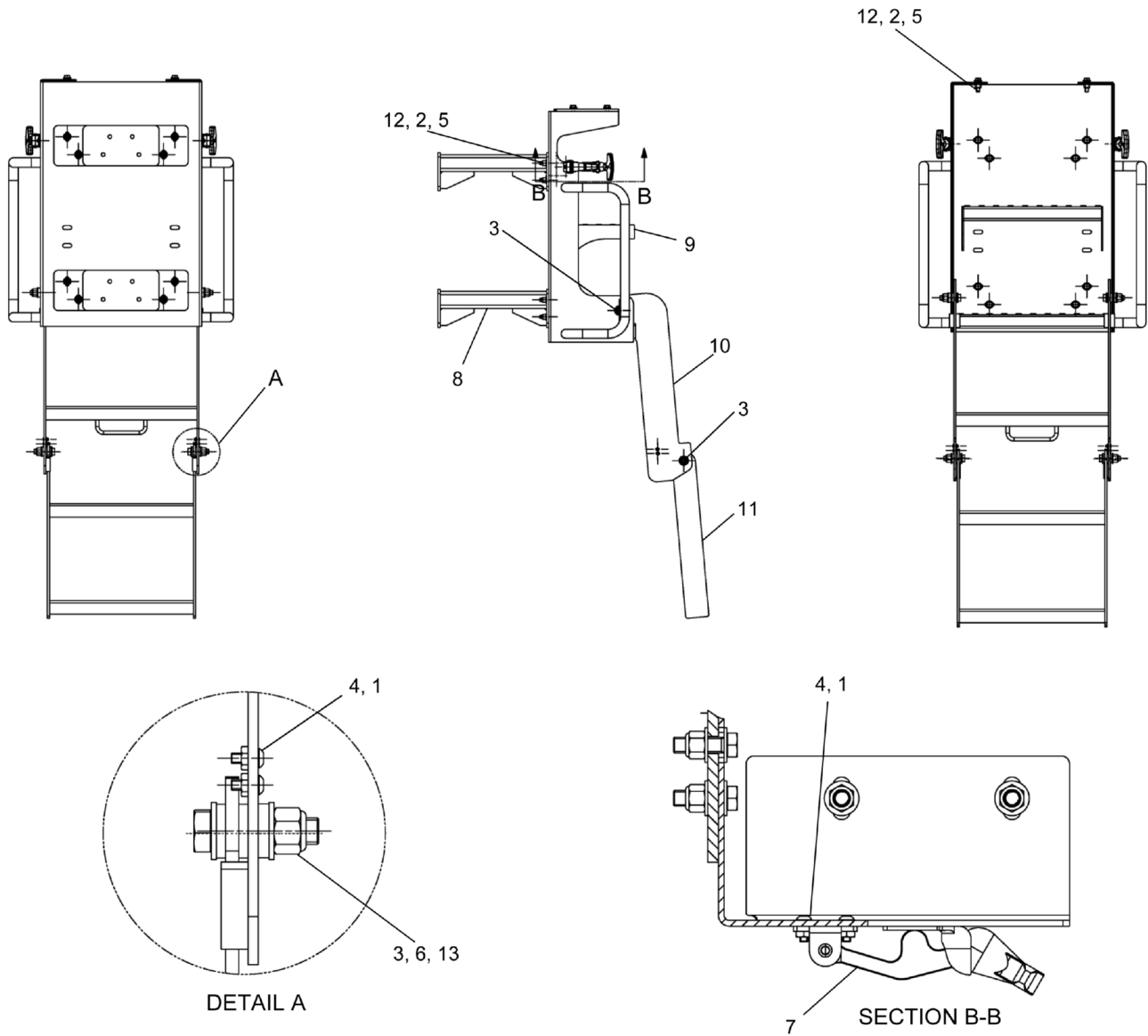
DATE: Revised 12-2015

MODEL: 60-110

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



LADDER ASSEMBLY

DATE: Revised 05-2016

MODEL: 60-110

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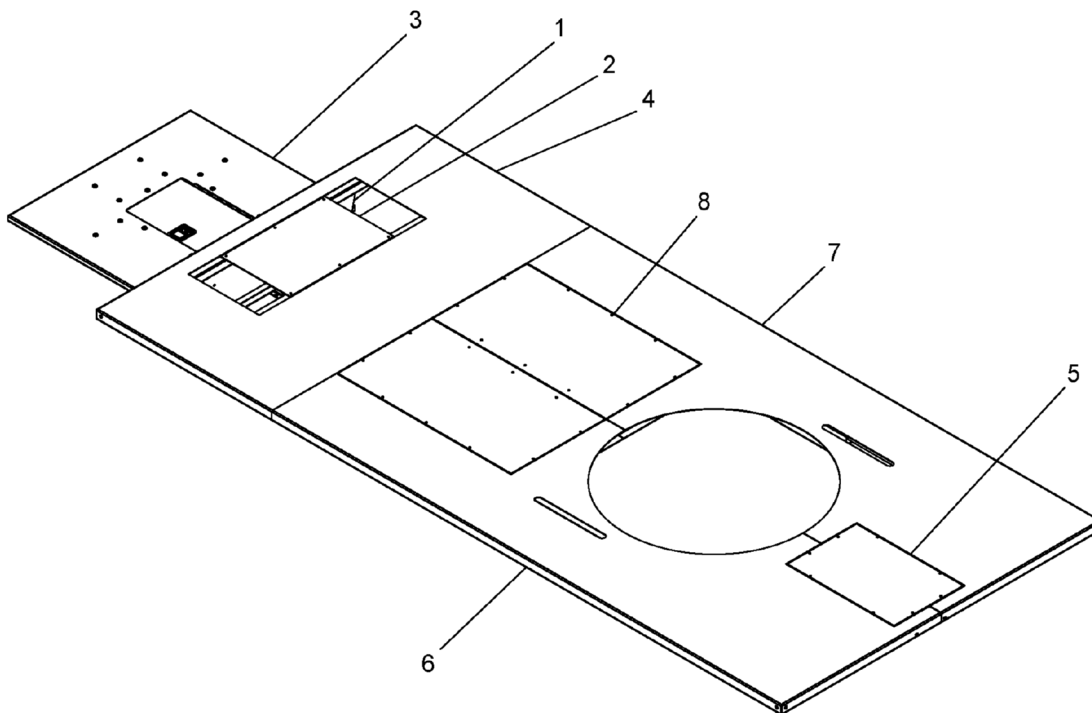
CHAPTER

2

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T134367 (Rev. B)	<i>Ladder Assembly</i>	
1	N23-190C000-20	Nut, HEX, MACH 10-24, ST Z	8
2	NYL-375C000-Y8	Nut, HX NYL-INS 0.375-16, ST YZ G8	12
3	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	4
4	S18-190C500-HC	SCR, BHSHCS 10-24X0.50, STL Z	8
5	SHF-375CA25-Y8	SCR, HHCS FT 0.375-16X1.25, STYZG8	12
6	SHF-500CB00-25	SCR, HHCS FT 0.50-13X2.00, ST Z G5	4
7	T117679	Latch	2
8	T133344	Lower Support, Upper	2
9	T134361	Upper Ladder Assembly	1
10	T134365	Lower Ladder Assembly	1
11	T135120	Lower Step ASSY, Ladder	1
12	WAH-37NX000-Y2	WSH, FL HRD A-NRW 0.375, ST YZ	24
13	WAN-50NX000-20	WSH, FL TYPA-NRW 0.50, ST Z	8

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	LADDER ASSEMBLY	DATE: Revised 05-2016	CHAPTER 2
		MODEL: 60-110	
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



DECK KIT

DATE: Released 03-2019

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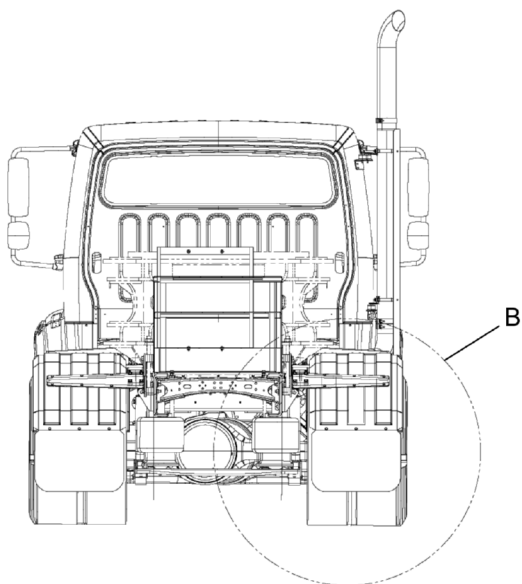
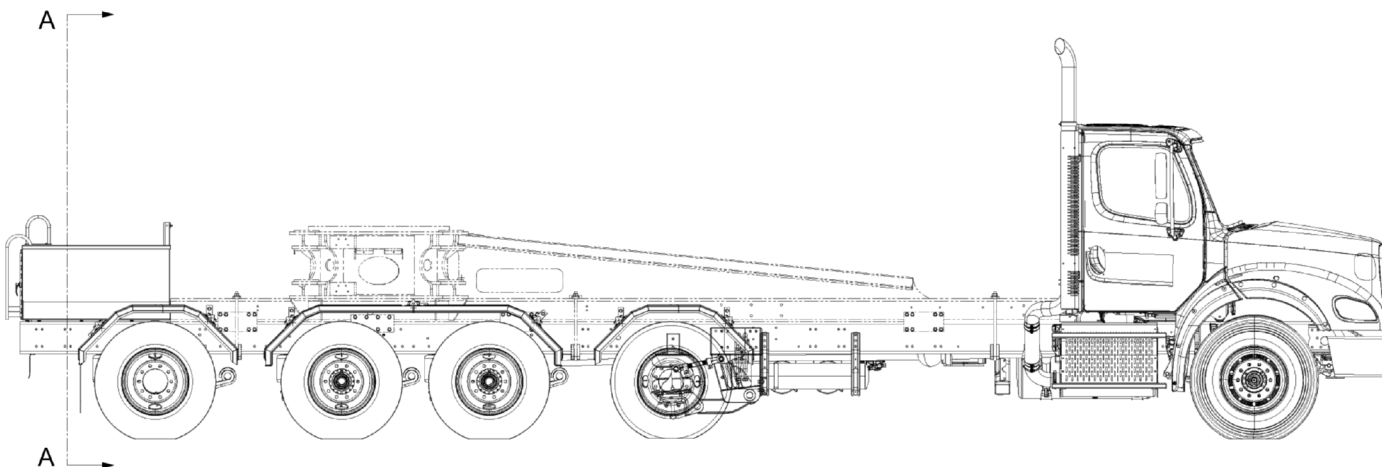
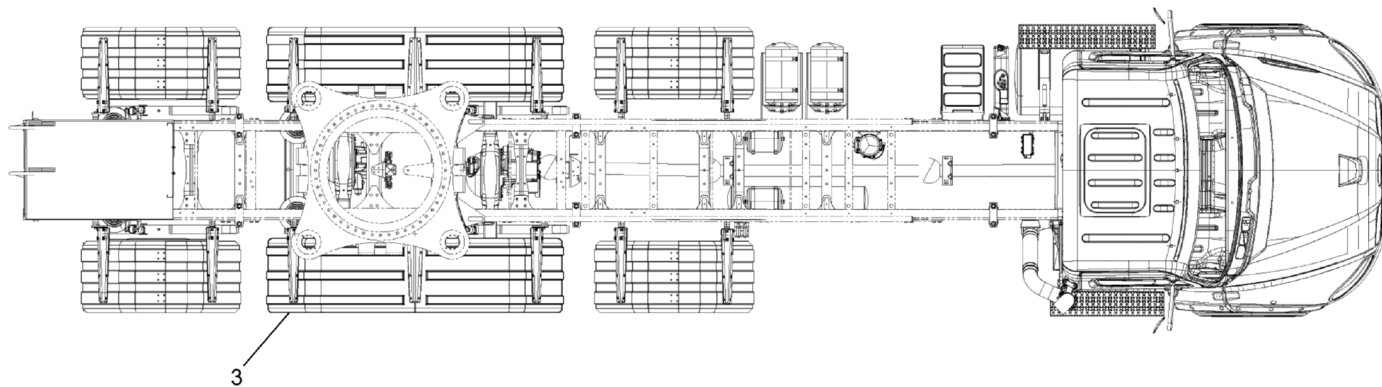
CHAPTER

2

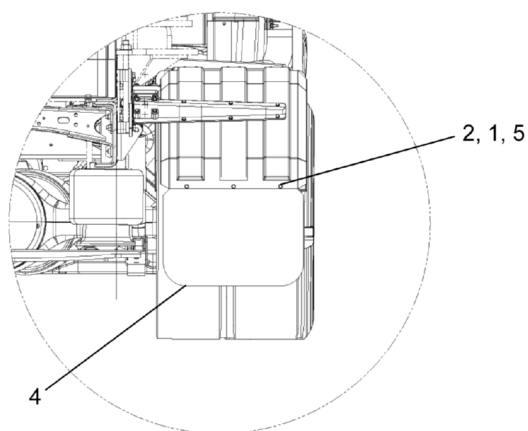
<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T132368 (Rev. C)	<i>Deck Kit</i>	
1	T113201	Plate, Front Cover	1
2	T113212	Panel ASSY, Cover- CTWT	1
3	T114830	Panel ASSY, Front Box	1
4	T132198	Panel ASSY, Front	1
5	T132210	Plate - Cover Assy	1
6	T132278	Panel ASSY, LH	1
7	T132280	Panel ASSY, RH	1
8	T138884	Plate - Cover ASSY	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	DECK KIT	DATE: Released 03-2019	CHAPTER 2
		MODEL: 60-110	
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SECTION A-A



DETAIL B

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



FENDER INSTALLATION

DATE: Revised 10-2014

MODEL: 60-110

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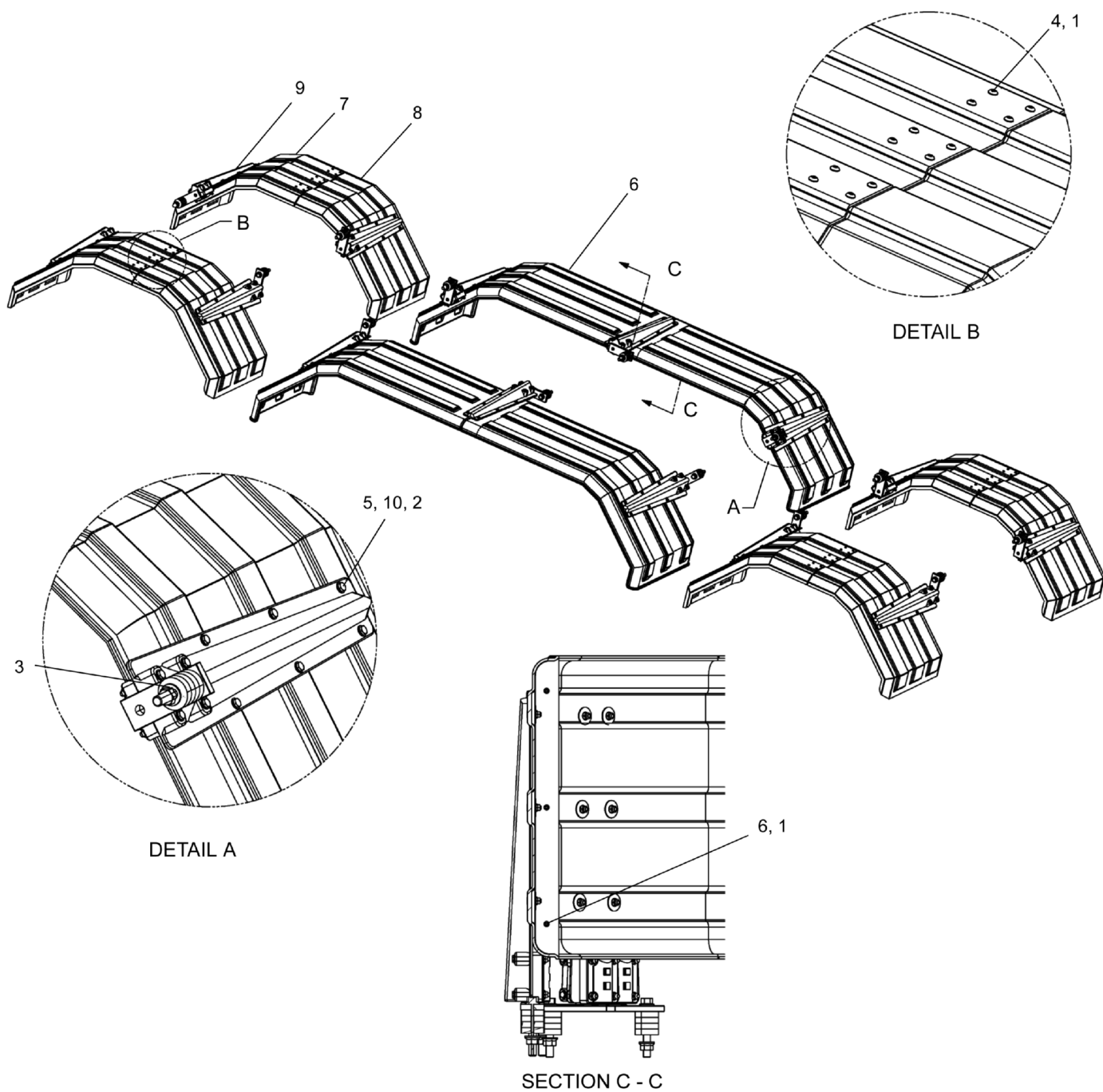
CHAPTER

2

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T123817 (Rev. B)	<i>Fender Installation</i>	
1	NFH-312C000-25	Nut, HEX, Flange 0.312-18, ST Z G5	6
2	SFL-312CA00-B8	SCR, HEX FLNG 0.3125-18X1.00, GR8	6
3	T122646	Fender Assembly (see page 248)	1
4	T123944	Mud Flap, 18 X 24	2
5	WFD-312XA50-20	WSH, FNDR 0.3125X1.50, ST Z	6

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	FENDER INSTALLATION	DATE: Revised 10-2014	CHAPTER 2
		MODEL: 60-110	
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



FENDER ASSEMBLY

DATE: Released 08-2012

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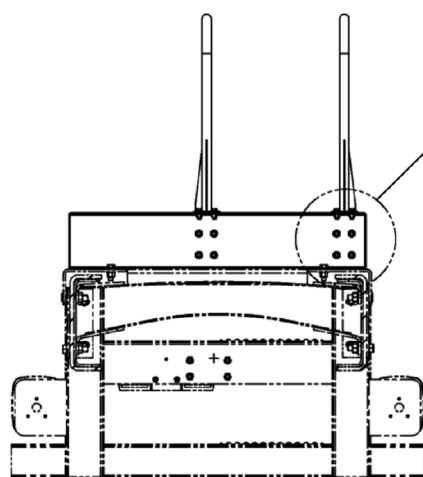
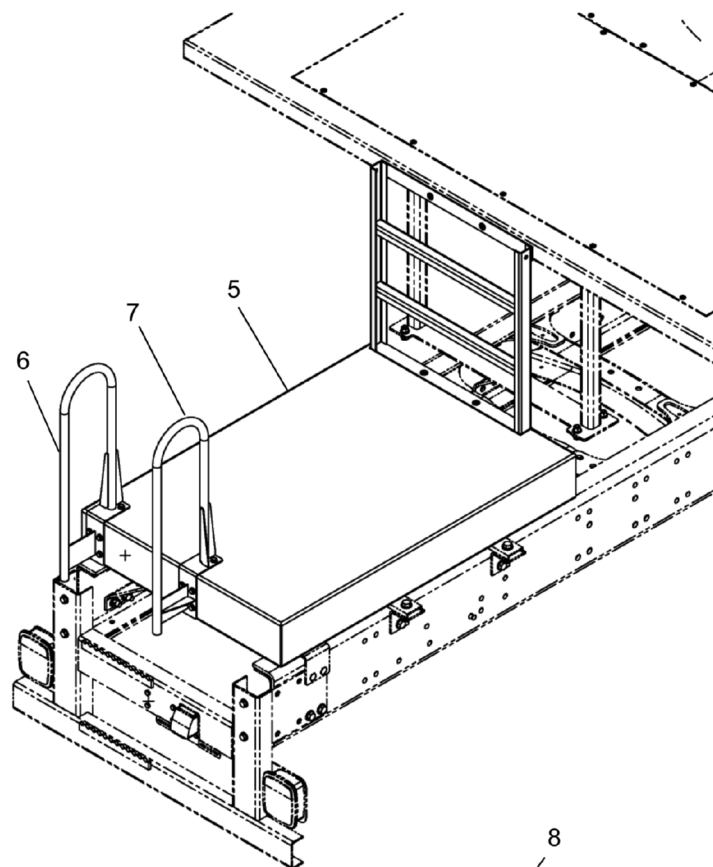
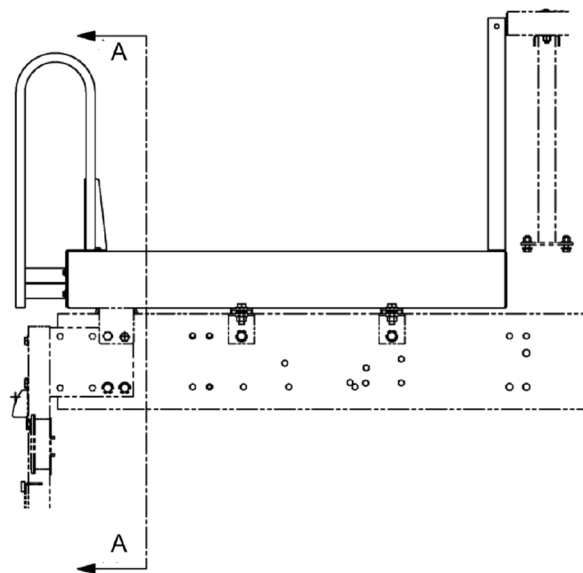
CHAPTER

2

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T122646 (Rev. B)	<i>Fender Assembly</i>	
1	NFH-250C000-25	Nut, HEX, Flange 0.25-20, ST Z G5	54
2	NFH-312C000-25	Nut, HEX, Flange 0.312-18, ST Z G5	84
3	NFH-625C000-25	Nut, HEX, Flange 0.625-11, ST Z G5	14
4	S18-250C750-HC	SCR, BSHCS 0.25-20X0.75, STL Z	54
5	SFL-312CA00-B8	SCR, HEX FLNG 0.3125-18X1.00, GR8	84
6	T122429	Fender, Long	4
7	T122430	Fender, Short Female	4
8	T122431	Fender, Short Male	4
9	T122432	Fender Mount Bracket	14
10	WFD-312XA50-20	WSH, FNDR 0.3125X1.50, ST Z	84

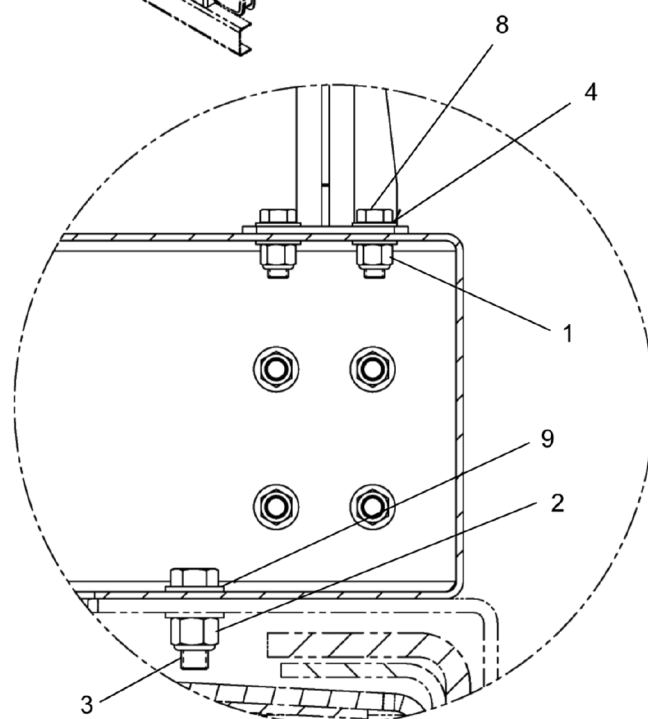
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	FENDER ASSEMBLY	DATE: Released 08-2012	CHAPTER 2
		MODEL: 60-110	
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DETAIL B

SECTION A-A



DETAIL B

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



PLATFORM INSTALLATION

DATE: Revised 08-2012

MODEL: 60-110

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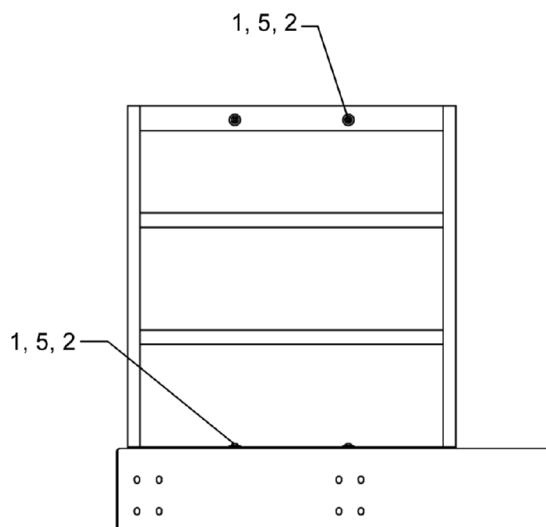
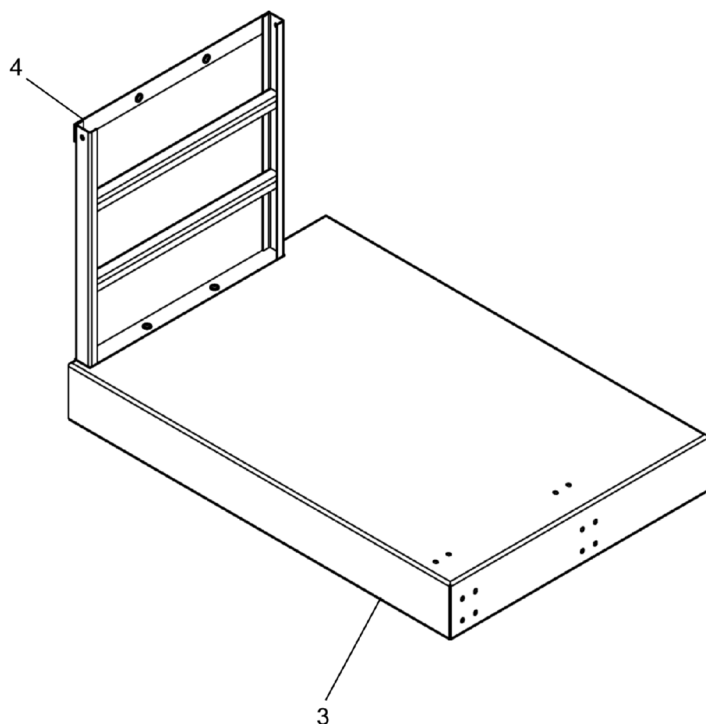
CHAPTER

2

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T119960 (Rev. B)	<i>Platform Installation</i>	
1	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	12
2	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	6
3	S01-500CA50-25	SCR, HHCS 0.50-13 X 1.50, ST SQC G5	6
4	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST SQC G5	12
5	T113145	Platform Assembly (see page 252)	1
6	T123669	Handrail Assembly, Rear LH	1
7	T123671	Handrail Assembly, Rear RH	1
8	WAH-37NX000-Y2	WSH, FL HRD A-NRW 0.375, ST YZ.	24
9	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ.	12

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	PLATFORM INSTALLATION	DATE: Revised 08-2012	CHAPTER 2
		MODEL: 60-110	
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T113145 (Rev. C)	<i>Platform Assembly</i>	
1	N04-312C000-25	Nut, HEX 0.3125-18, ST SQC G5	4
2	S18-312CA00-E8	SCR, BSHCS 0.312-18 X 1.00, SS18-8	4
3	T113156	Platform, Lower Rear	1
4	T114096	Ladder ASSY, Upper	1
5	WAW-31WX000-20	WSH, FL TYPA-WID 0.3125, ST SQC	8

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



PLATFORM ASSEMBLY

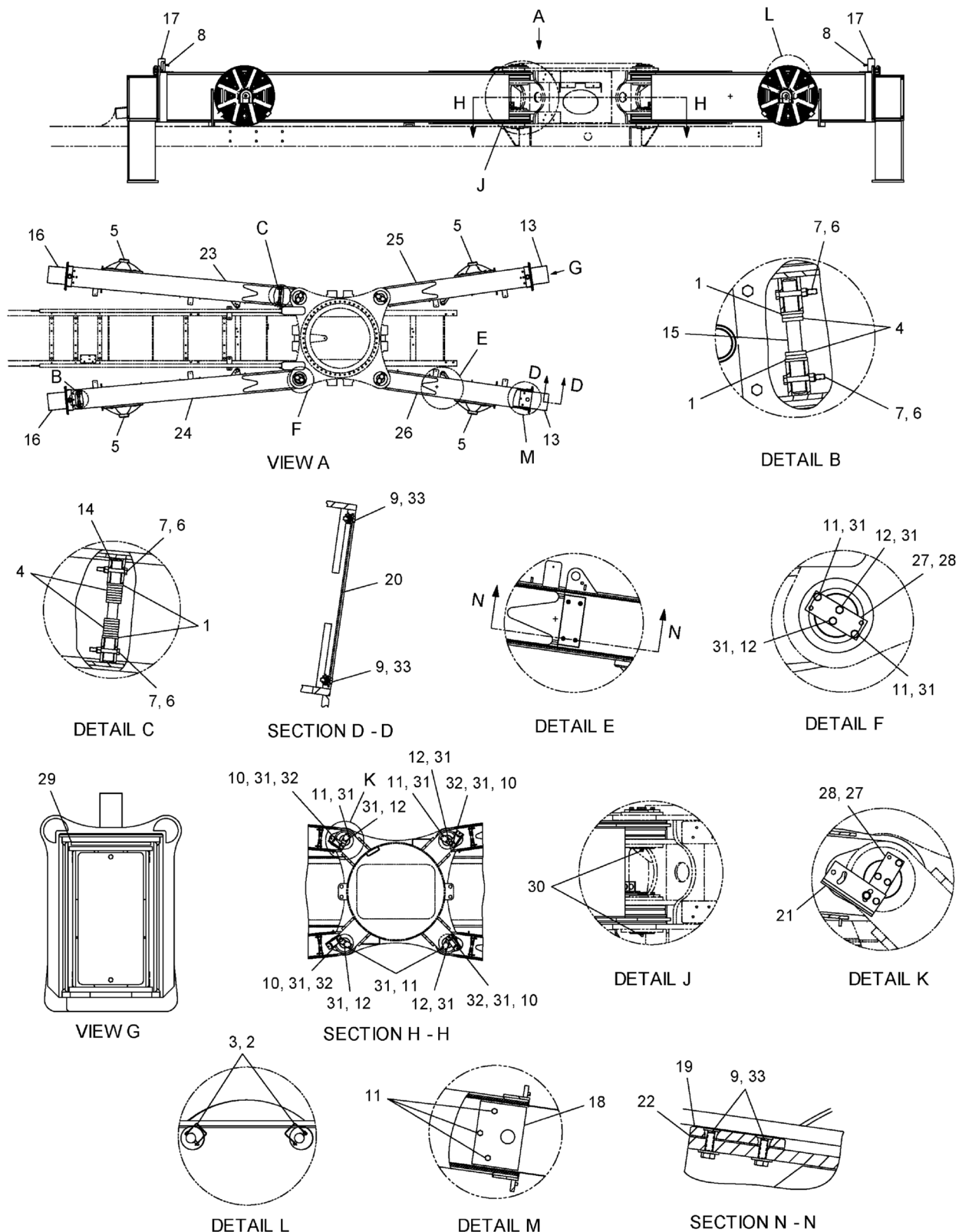
DATE: Released 09-2012

MODEL: 60-110

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CHAPTER

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

REF	PART NO.	DESCRIPTION	QTY
	T108159 (Rev. M)	<i>Outrigger Installation</i>	
1	1209-107	Spacer	16
2	18Z2279-D3	Washer, Rubber, 1.15ID X 3OD X .38T	8
3	19Z286-D2	Pin, Snipper .250" DIA X 2.000"	8
4	706-8973	Spacer	72
5	718-0751	Pad, Outrigger 24"	4
6	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	16
7	S01-375CB75-25	SCR, HHCS 0.375-16 X 2.75, ST SQC G5	16
8	S01-500CB50-25	SCR, HHCS 0.50-13 X 2.50, ST SQC G5	4
9	SHF-312C875-25	SCR, HHCS FT 0.312-18 X 0.875, ST SQC G5	24
10	SHF-500C750-25	SCR, HHCS FT 0.50-13 X 0.75, ST SQC G5	4
11	SHF-500CA00-25	SCR, HHCS FT 0.50-13 X 1.00, ST SQC G5	24
12	SHF-500CA37-25	SCR, HHCS FT 0.50-13 X 1.375, ST SQC G5	20
13	T113333	Beam Weldment, Rear Secondary	2
14	T113713	Pin, 1.00 X 10.38	4
15	T113714	Pin, 1.00 DIA X 8.38	4
16	T113749	Beam Weldment, Front Secondary	2
17	T116348	Lock Rod	4
18	T116744	Plate, Spacer	4
19	T117939	Wear Pad, 9.375 X 4.00 X 0.375	4
20	T118424	Plate, Cover	4
21	T118684	Bracket, Sensor Mount	4
22	T126301	Spacer, Outrigger Pad	4
23	T129115	BT60 FRT RH Primary O/R ARM Weldment	1
24	T129116	BT60 FRT LH Primary O/R ARM Weldment	1
25	T129117	BT60 Rear RH Primary O/R ARM Weldment	1
26	T129118	BT60 Rear LH Primary O/R ARM Weldment	1
27	T130864	Plate	8
28	T130865	Pin, 5 Inch Diameter	8
29	T139350	Spacer, Outrigger	4
30	T148483	Fitting, Grease 90 DEG .250 NPT	8
31	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	36
32	WAH-50NX000-20	WSH, FL HRD A-NRW 0.50, ST SQC	4
33	WAW-31WX000-20	WSH, FL TYP A-WID 0.3125, ST SQC	48

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OUTRIGGER INSTALLATION

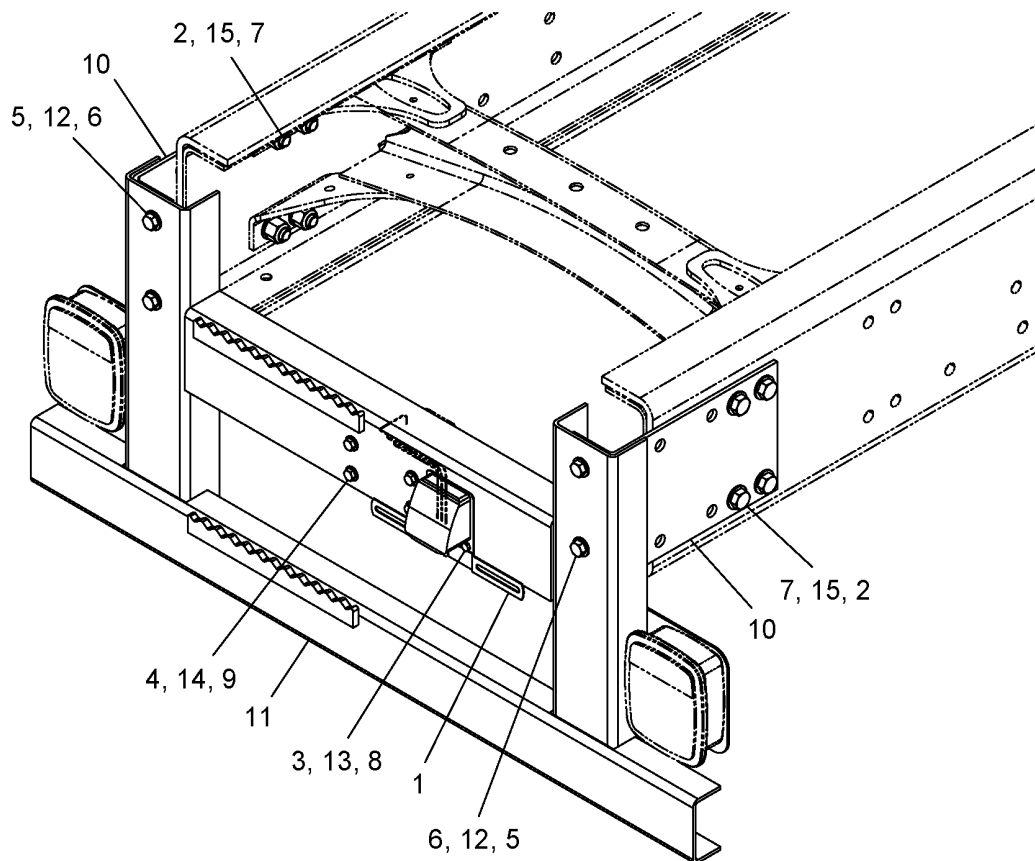
DATE: Revised 03-2019

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



REAR BUMPER INSTALLATION

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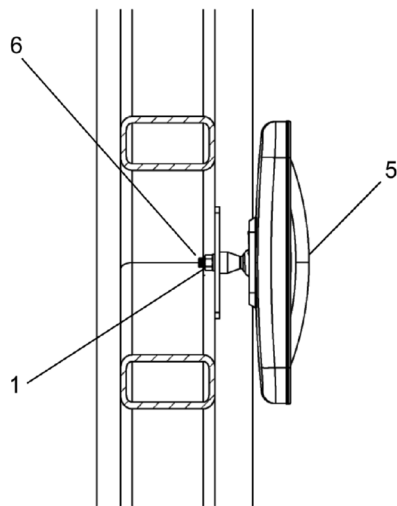
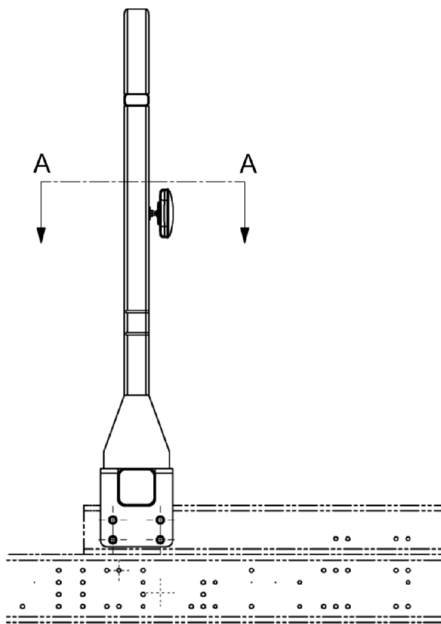
CHAPTER

2

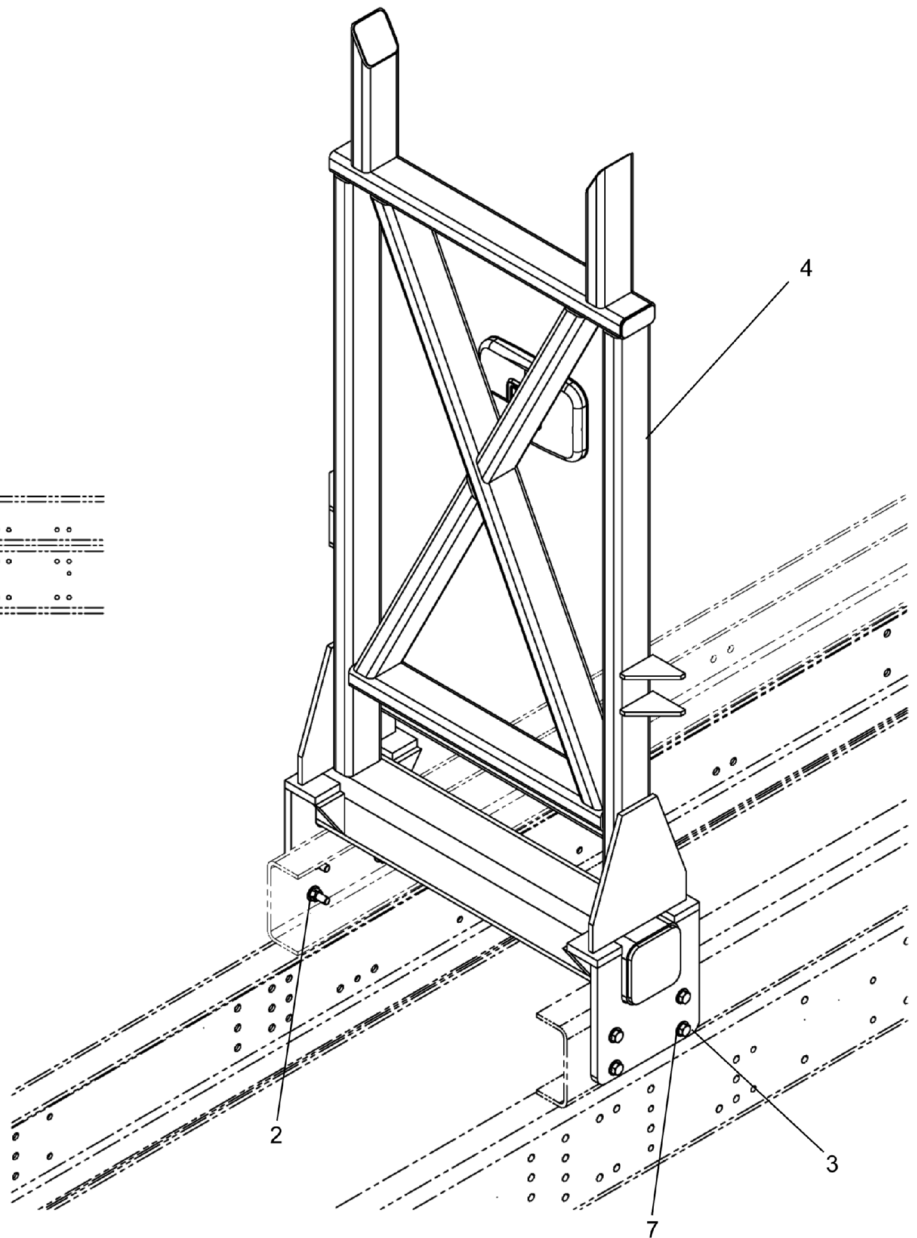
<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T122108 (Rev. C)	<i>Rear Bumper Installation</i>	
1	11731	Lamp License Bracket	1
2	NYH-625C000-22	Nut, NYL-INS HVY 0.625-11, ST SQC G2	8
3	NYL-250C000-25	Nut, HEX NYL-INS 0.25-20, ST SQC G5	2
4	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	4
5	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	4
6	S01-500CA50-25	SCR, HHCS 0.50-13 X 1.50, ST SQC G5	4
7	S01-625CB50-Y8	SCR, HHCS 0.625-11 X 2.50, ST SQC G8	8
8	SHF-250C750-25	SCR, HHCS FT 0.25-20 X 0.75, ST SQC G5	2
9	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST SQC G5	4
10	T122109	Bracket, Rear Bumper	2
11	T122111	Rear Bumper Weldment	1
12	WAH-50NX000-20	WSH, FL HRD A-NRW 0.50, ST SQC	8
13	WAN-25NX000-20	WSH, FL TYPA-NRW 0.25, ST SQC	2
14	WAN-37NX000-20	WSH, FL TYPA-NRW 0.375, ST SQC	8
15	WAN-62NX000-20	WSH, FL TYPA-NRW 0.625, ST SQC	16

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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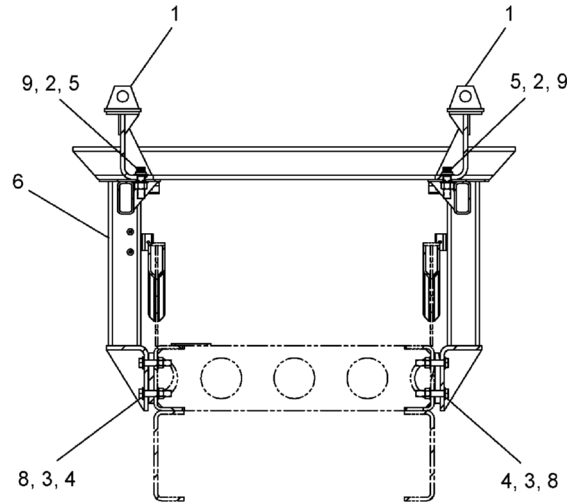
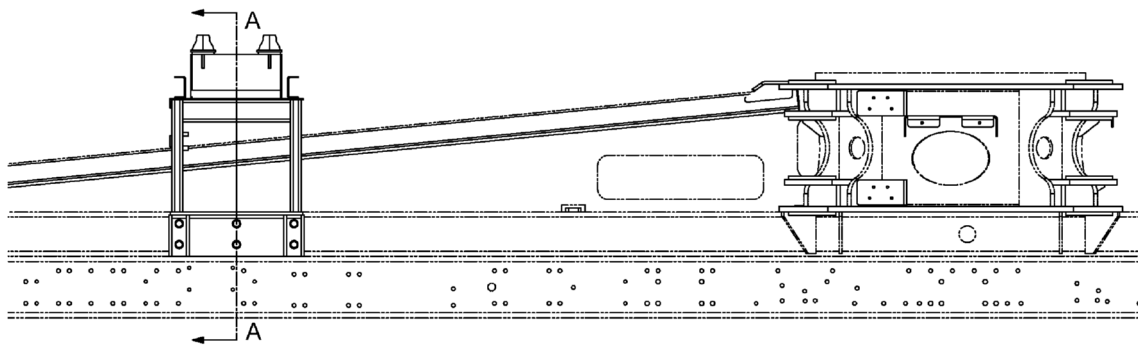


SECTION A - A

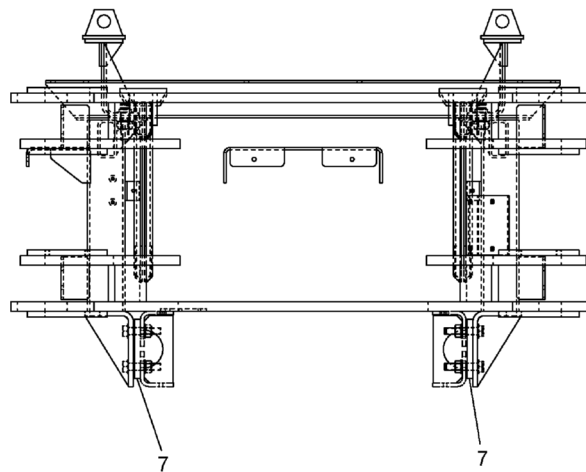


REF	PART NO.	DESCRIPTION	QTY
	T108160 (Rev. C)	<i>Boom Rest Installation</i>	
1	N04-375C000-25	Nut, HEX 0.375-16, ST SQC G5	1
2	NTP-625C000-25	Nut, HEX TPLCK 0.625-11, ST SQC G5	8
3	S01-625CC00-Y8	SCR, HHCS 0.625-11X3.00,ST YZ G8	8
4	T112249	Boom Rest Weldment	1
5	T119913	Mirror, Convex	1
6	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	1
7	WAH-62NX000-Y2	WSH, FL HRD A-NRW 0.625, ST YZ	16

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



COUNTERWEIGHT RACK INSTALLATION

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T119331 (Rev. C)	<i>Counterweight Rack Installation</i>	
1	717F0320	CTWT Mount	2
2	N04-875C000-Y8	Nut, HEX 0.875-9, ST SQC G8	6
3	NTP-750C000-25	Nut, HEX TPLCK 0.75-10, ST SQC G5	12
4	S01-750CC50-Y8	SCR, HHCS 0.75-10 X 3.50, ST SQC G8	12
5	SFP-875CC00-2A	SCR, FLGHD 12PT 0.875-9 X 3.00, ST SQC GA	6
6	T117447	Counterweight Rack Weldment	1
7	T117460	Spacer, CWT Rack Mounting	6
8	WAH-75NX000-20	WSH, FL HRD A-NRW 0.75, ST SQC	24
9	WAH-87NX000-20	WSH, FL HRD A-NRW 0.875, ST SQC	12

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



COUNTERWEIGHT RACK INSTALLATION

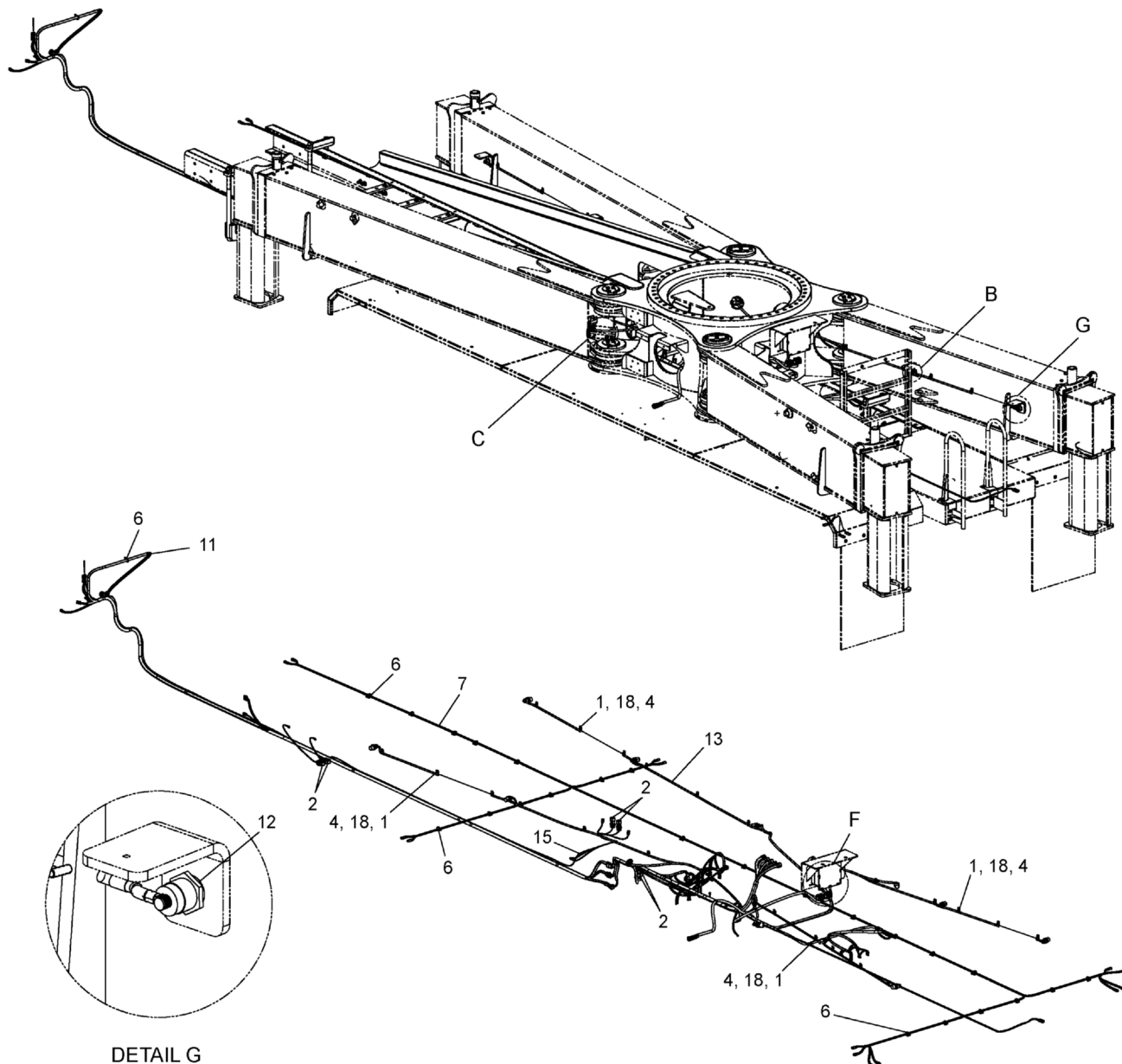
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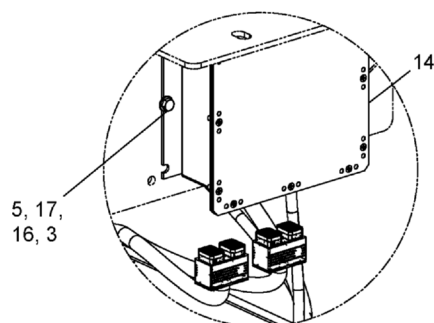
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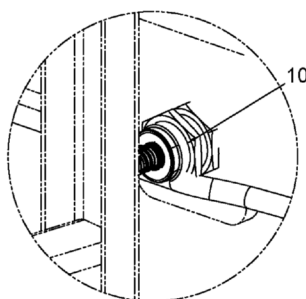
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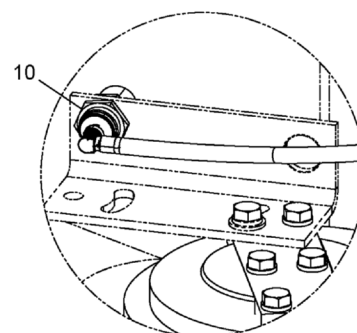
DETAIL G



DETAIL F



DETAIL B



DETAIL C

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T108165 (Rev. J)	<i>Lower Electrical Installation</i>	
1	200B2007-3	P-Clamp	22
2	441-6828	Relay	6
3	N04-312C000-25	Nut, HEX 0.3125-18, ST SQC G5	6
4	N24-08BM000-28	Nut, HEX M8-1.25, DIN934, STZ CL	22
5	SHF-312C875-25	SCR, HHCS FT 0.312-18 X 0.875, ST SQC G5	6
6	T108861	Mount, Cable Tie,0.256-0.276	25
7	T114883	Harness, Marker Lights	1
8*	T118276	Light, LED 3/4" RED	2
9*	T118277	Light, LED 3/4" Amber	4
10	T118879	Sensor, Inductive	8
11	T118966	Harness, Main Forward	1
12	T120217	Proximity Switch	4
13	T121922	Harness, Main AFT	1
14	T121962	Controller, Outrigger Interlock	1
15	T128174	Harness, Hydraulic Oil Cooler	1
16	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST SQC	6
17	WAH-31NX000-Y2	WSH, FL HRD A-NRW 0.3125, ST YZ	4
18	WMF-80MX000-PO	WSH, Flat M8 DIN125, STL	22
19*	T119358	Kit, Electrical, WSTR (see page 262)	REF
20*	T119149	Kit, ELEC, Freightliner (see page 263)	REF
21*	T122810	Kit, ELEC, Halliburton (see page 264)	REF
22*	T128047	Kit, Electrical, Cummins (see page 265)	REF
23*	T136247	Assembly, Remote Start (see page 266)	REF

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	LOWER ELECTRICAL INSTALLATION	DATE: Revised 09-2017	CHAPTER 2
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T119358 (Rev. B)	<i>Kit, Electrical, WSTR</i>	
1	T108850	Harness, Diode Adapter	1
2	T108851	Harness, Adapter Lower IGN	1
3	T108853	Harness, CPC Adapter	1
4	T118968	Harness, Power	1
5	T118969	Harness, Can Jumper	1
6	T116212	Harness, PTO	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	ELECTRICAL KIT (WESTERN STAR)	DATE: Revised 04-2013	CHAPTER 2
		MODEL: 60-110	
		PAGE: 262	

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T119149 (Rev. D)	<i>Kit, ELEC, Freightliner</i>	
1	T108850	Harness, Diode Adapter	1
2	T108851	Harness, Adapter Lower IGN	1
3	T118968	Harness, Power	1
4	T108853	Harness, CPC Adapter	1
5	T116212	Harness, PTO	1
6	T124070	Fuse, 15A	2
7	T124071	Fuse, 25A	3

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	ELECTRICAL KIT (FREIGHTLINER)	DATE: Revised 04-2013	CHAPTER 2
		MODEL: 60-110	
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T122810 (Rev. C)	<i>Kit, ELEC, Halliburton</i>	
1	T108850	Harness, Diode Adapter	1
2	T108851	Harness, Adapter Lower IGN	1
3	T118968	Harness, Power	1
4	T122659	Harness, Engine Interface	1
5	T122661	Harness, Can Jumper	1
6	T125773	Harness, PTO	1
7	T122919	Harness, E-Stop Power	1
8	1222-184	Plastic Tie	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	ELECTRICAL KIT (HALLIBURTON)	DATE: Revised 04-2013	CHAPTER 2
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T128047 (Rev. B)	<i>Kit, Electrical, Cummins</i>	
1	T116212	Harness, PTO	1
2	T118968	Harness, Power	1
3	T118969	Harness, Can Jumper	1
4	T136513	Harness, Backup Alarm	1
5	T128024	Harness, Cummins Interface	1
6	T108851	Harness, Adapter Lower IGN	1

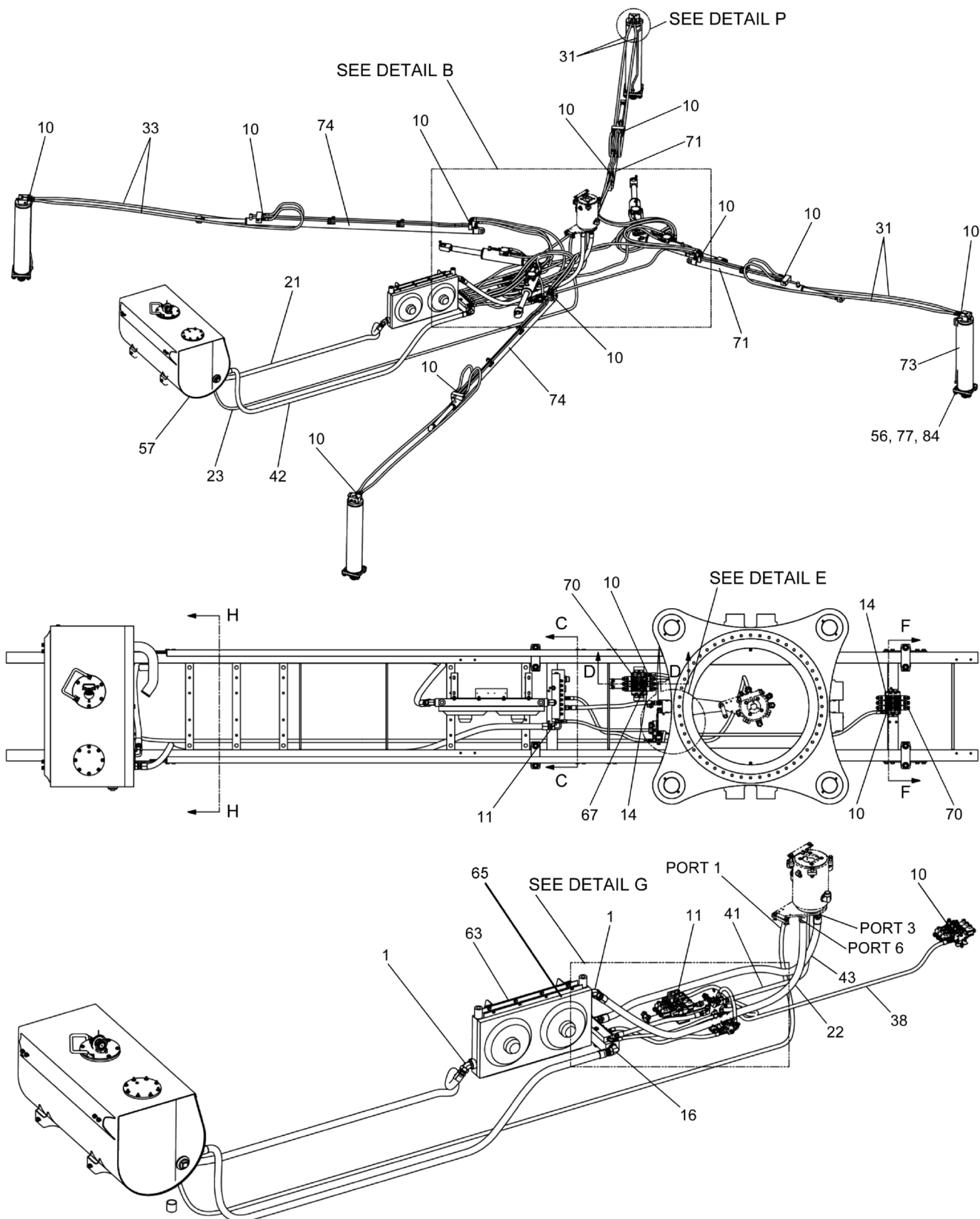
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	ELECTRICAL KIT (CUMMINS)	DATE: Released 04-2018	CHAPTER 2
		MODEL: 60-110	
		PAGE: 265	

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T136247 (Rev. A)	<i>Assembly, Remote Start</i>	
1	T135634	Neutral Switch	1
2	1223-379	NC Air Switch	1
3	570-50096	T Air Fitting	1
4	1219-134	Adapter	1
5	T136146	Harness, Remote Start	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	ASSEMBLY, REMOTE START	DATE: Released 10-2014	CHAPTER 2
		MODEL: 60-110	
		PAGE: 266	



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



LOWER HYDRAULIC ASSEMBLY

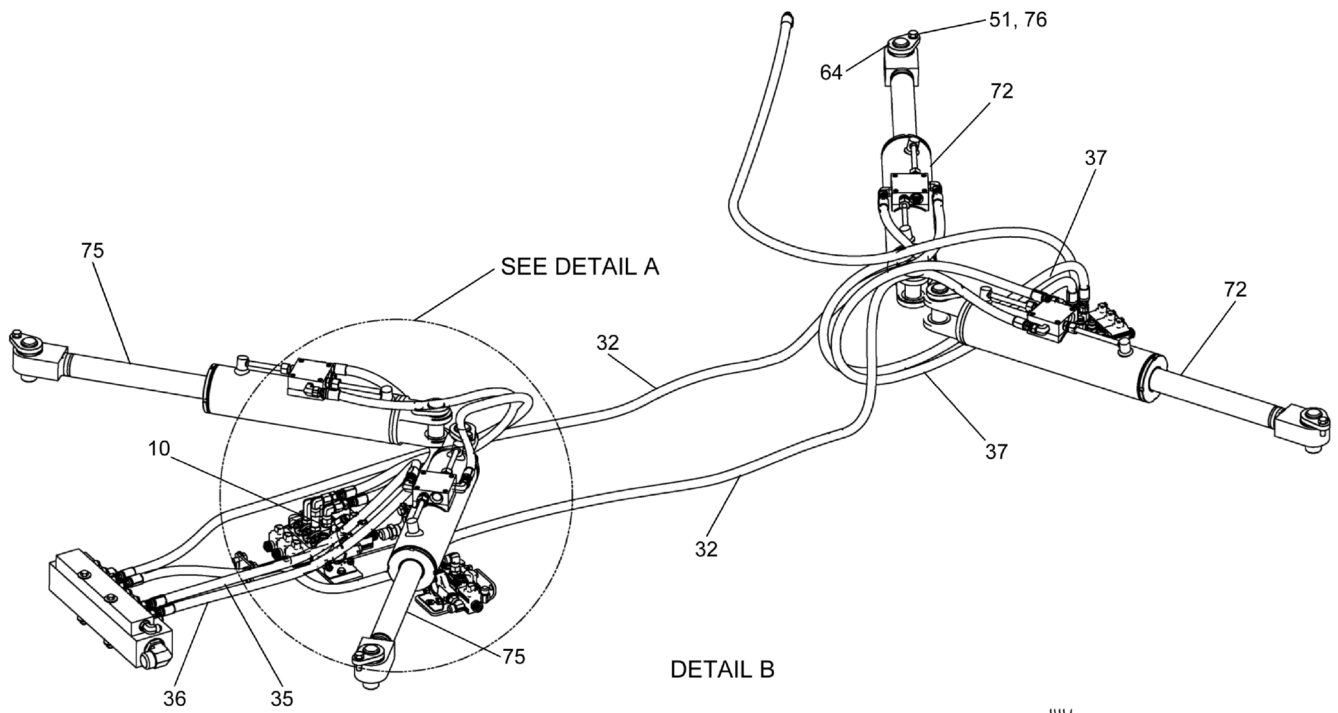
DATE: Revised 08-2015

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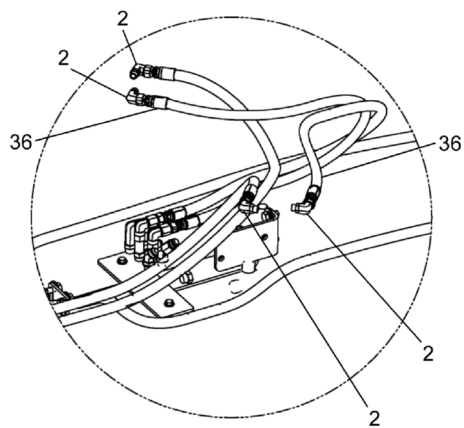
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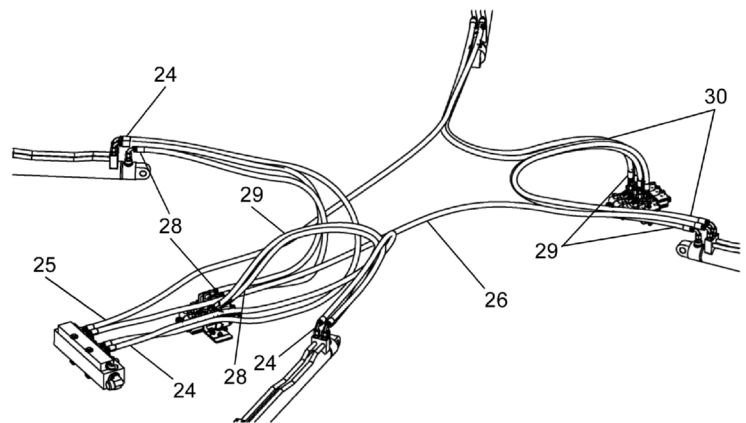
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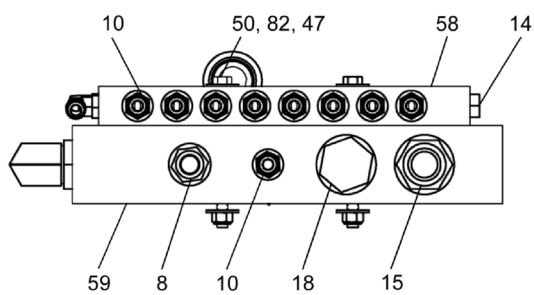
DETAIL B



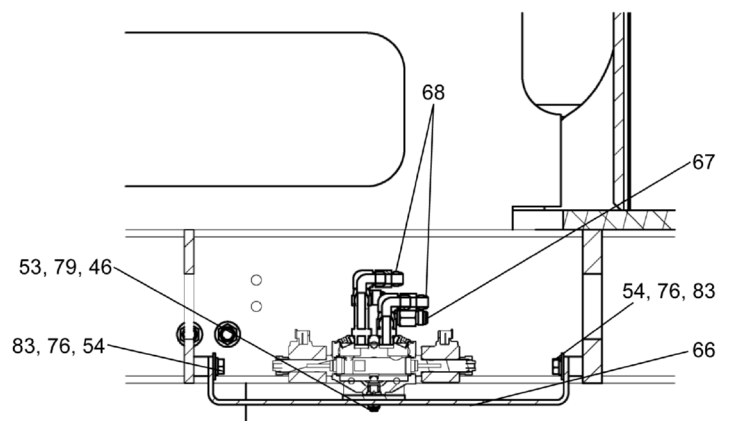
DETAIL A



DETAIL B

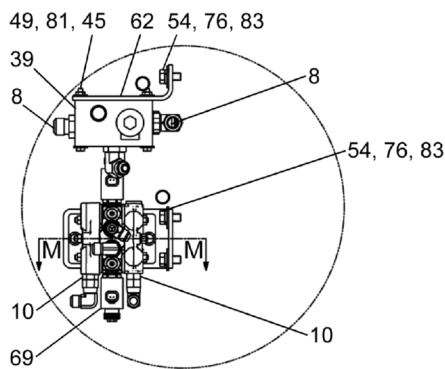


SECTION C-C

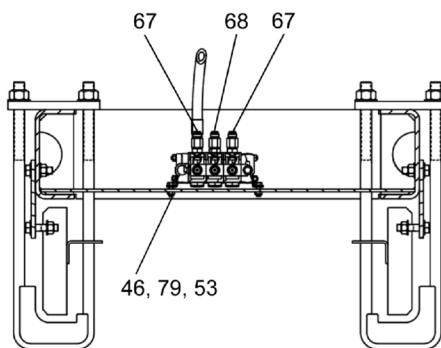


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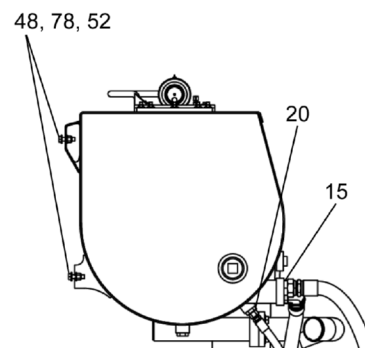
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



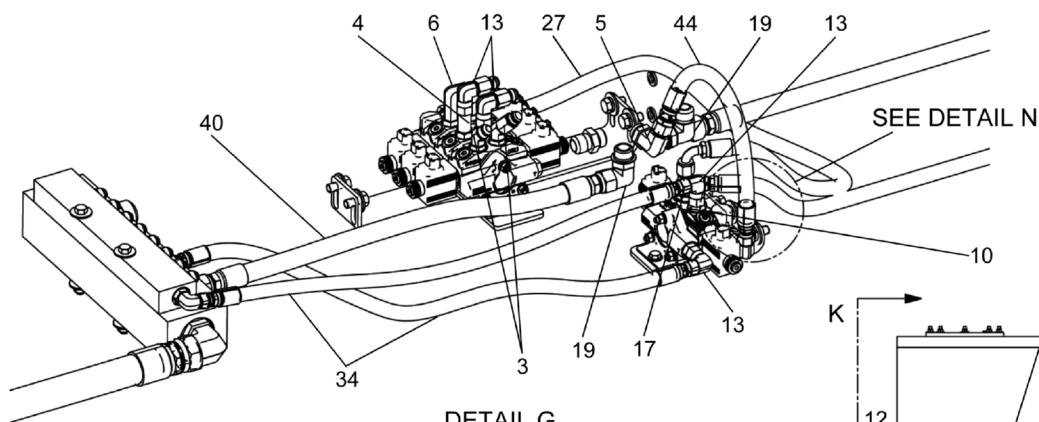
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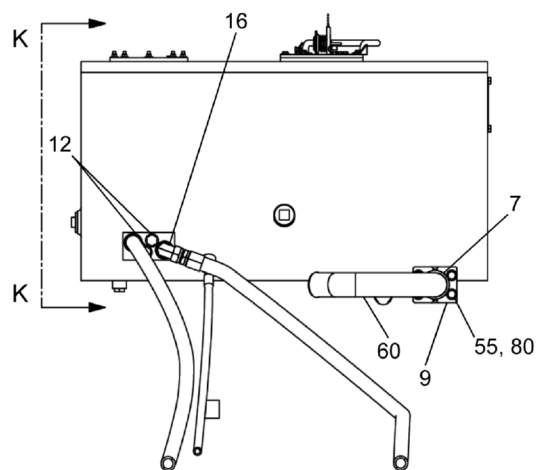
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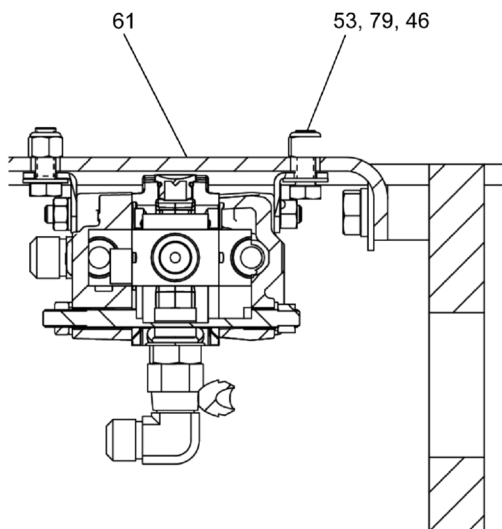
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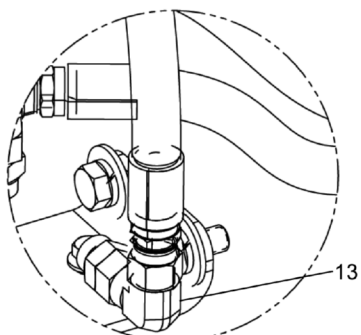
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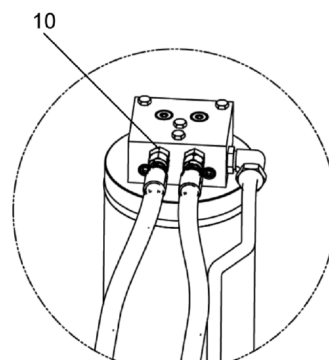
SECTION H-H



SECTION M-M



DETAIL N



DETAIL P

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

REF	PART NO.	DESCRIPTION	QTY
	T128913 (Rev. C)	<i>Lower Hydraulic Assembly</i>	
1	12019-128	Elbow, 45, MJIC-20/MORB-20	2
2	12019-274	Elbow, 90, MJIC-8/MORB-6	8
3	12019-447	Fitting, 45° Hydraulic	2
4	12019-451	Adapter, MJIC-8/MORB-8	1
5	12019-517	Adapter, 90°, -12 -10	1
6	12019-690	Elbow, 90, MJIC-8/MORB-8, L	1
7	1218-61	O-Ring, SAE-48	1
8	1219-389	Adapter, MJIC-12/MORB-12	3
9	1219-393	Clamp, Split Flange, C61-48	2
10	1219-441	Adapter, MJIC-8/MORB-8	49
11	1219-470	Elbow, 90, MJIC-8/MORB-8	2
12	1219-485	Plug, ORB-12, HEX	2
13	1219-570	Elbow, 90, FJIC-8SW/MJIC-8	5
14	1219-624	Plug, SAE-ORB -8	3
15	1219-661	Adapter, MJIC-20/MORB-20	2
16	1219-686	Elbow, 90, MJIC-20/MORB-20	2
17	1219-694	Tee, STR,	1
18	1219-783	Plug, -20	1
19	1219-802	Adapter, 90°, -12	2
20	1219-810	Adapter	1
21	200B2055-103	Hose, 1.25	1
22	200B2055-86	Hose, 1.25	1
23	707-4083-231	Hose ASSY 0.62 ID	1
24	716-0221-105	Hose, 0.50 ID, JIC SW/JIC SW45	2
25	716-0221-118	Hose, 0.50 ID, JIC SW/JIC SW45	1
26	716-0221-125	Hose, 0.50 ID, JIC SW/JIC SW45	1
27	716-0221-42	Hose, 0.50 ID, JIC SW/JIC SW45	1
28	716-0221-69	Hose, 0.50 ID, JIC SW/JIC SW45	3
29	716-0221-78	Hose, 0.50 ID, JIC SW/JIC SW45	3
30	716-0221-81	Hose, 0.50 ID, JIC SW/JIC SW45	2
31	716-0222-105	Hose, ASSY 0.50 ID	4
32	716-0222-114	Hose, ASSY 0.50 ID	2
33	716-0222-126	Hose, ASSY 0.50 ID	4
34	716-0222-33	Hose, ASSY 0.50 ID	2
35	716-0222-42	Hose, ASSY 0.50 ID	1
36	716-0222-52	Hose, ASSY 0.50 ID	3
37	716-0222-66	Hose, ASSY 0.50 ID	2
38	716-0222-78	Hose, ASSY 0.50 ID	1
39	717-0523	Valve, Diverter W/ Relief	1
40	717-0677-31	Hose, ASSY 0.75 ID	1
41	717-0677-45	Hose, ASSY 0.75 ID	1
42	718-0553-142	Hose, ASSY, 1.25 ID	1
43	718-0553-79	Hose, 1.25	1
44	724-0433-20	Hose, -8, FJIC-8SW/FJIC-10SW	1
45	N05-312C000-25	Nut, HEX JAM 0.3125-18, ST Z GR5	2
46	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	6
47	NYL-438C000-25	Nut, HEX NYL-INS 0.438-14, ST Z G5	2
48	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	6
49	S01-312CC75-25	SCR, HHCS 0.3125-18X3.75, ST Z G5	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



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REF	PART NO.	DESCRIPTION	QTY
	T128913 (Rev. C)	<i>Lower Hydraulic Assembly</i>	
50	S01-438CE50-25	SCR, HHCS 0.4375-14X5.50, ST Z G5	2
51	S01-500CA50-25	SCR, HHCS 0.50-13 X 1.50, ST SQC G5	8
52	S01-500CA75-25	SCR, HHCS 0.50-13 X 1.75, ST SQC G5	6
53	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST SQC G5	6
54	SHF-500CA00-25	SCR, HHCS FT 0.50-13 X 1.00, ST SQC G5	8
55	SHF-625CA25-25	SCR, HHCS FT 0.625-11X1.25, STZ G5	4
56	SHF-750CB50-Y8	SCR, HHCS FT 0.75-10X2.50, STYZ G8	16
57	T110998	HYD Reservoir ASSY (see page 272)	1
58	T111005	Manifold	1
59	T111006	Manifold	1
60	T111008	Suction Tube	1
61	T111011	Bracket	1
62	T111012	Bracket	1
63	T114606	Hydraulic Oil Cooler ASSY (see page 274)	1
64	T115801	Pin Weldment, Swing Cylinder	8
65	T115802	Temperature Sensor (see page 276)	2
66	T116087	Bracket Weldment, Hydraulic	1
67	T119765	Orifice .094"	4
68	T119766	Orifice .062"	4
69	T119926	Valve, 1 Section Valve	1
70	T119929	Valve, 3 Section	2
71	T130846	O/R Extend Cylinder (Hengli) (see page 277)	2
72A	T163588	Swing Cylinder (HENGLI) (see page 279)	4
73	T130849	O/R Jack Cylinder (Hengli) (see page 281)	2
74	T130850	O/R Extend Cylinder (Hengli) (see page 283)	2
75A	T163587	Swing Cylinder (HENGLI) (see page 285)	2
76	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	16
77	W07-750X000-20	WSH, LCK, MED SPLT 0.75, ST SQC	16
78	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	12
79	WAN-37NX000-20	WSH, FL TYP A-NRW 0.375, ST SQC	6
80	WAN-62NX000-20	WSH, FL TYP A-NRW 0.625, ST SQC	4
81	WAW-31WX000-20	WSH, FL TYP A-WID 0.3125, ST SQC	4
82	WAW-43WX000-20	WSH, FL TYP A-WID 0.4375, ST Z	4
83	WAW-50WX000-20	WSH, FL TYP A-WID 0.50, ST SQC	8
84	WAW-75WX000-20	WSH, FL TYP A-WID 0.75, ST Z	16

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



LOWER HYDRAULIC ASSEMBLY

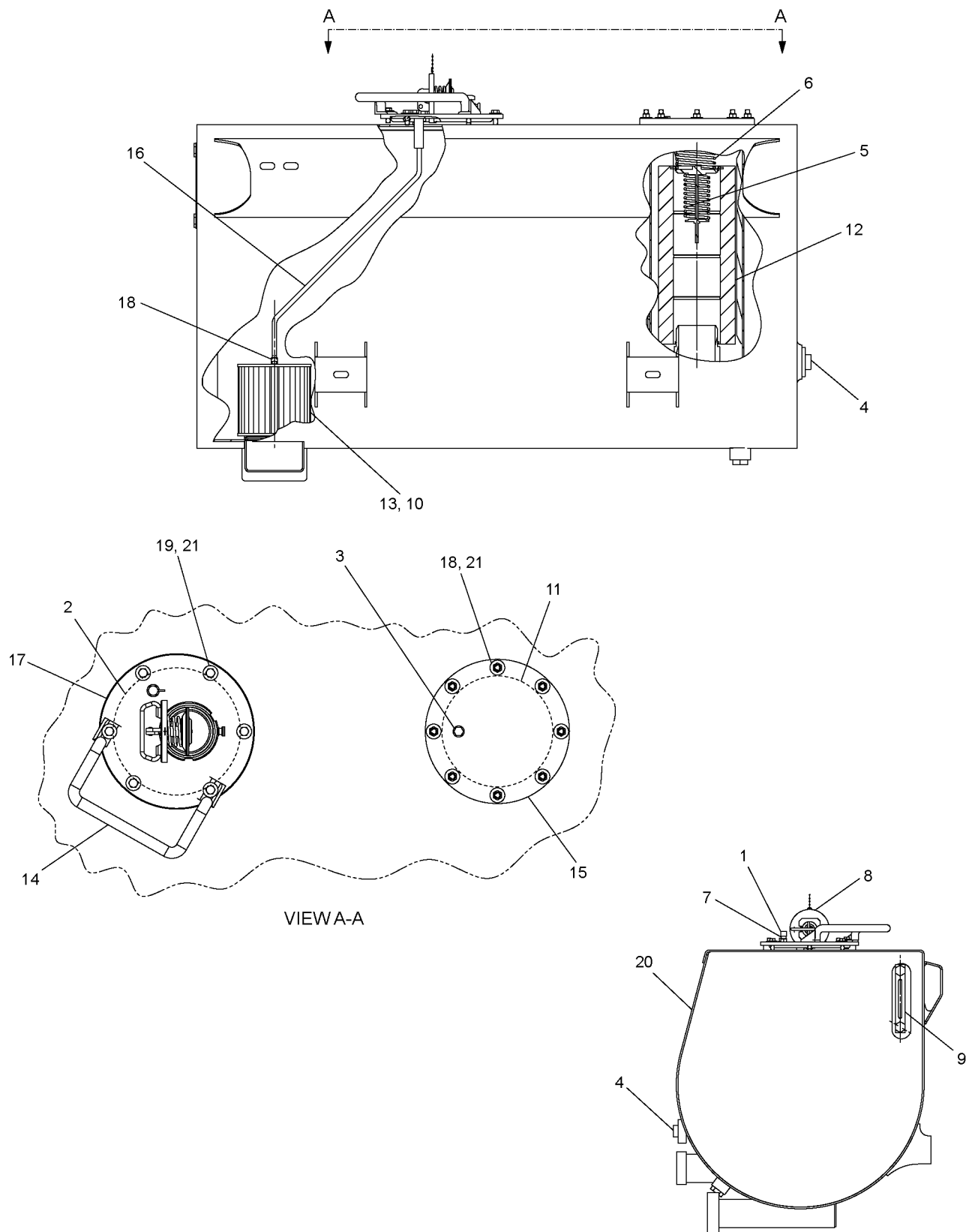
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T110998 (Rev. C)	<i>HYD Reservoir ASSY</i>	
1	12019-558	Dust Cap, HQC-4	1
2	1218-89	O-Ring, 7.975ID X 8.935OD X .210	1
3	1219-763	Plug, Hex,ORB-4	1
4	1219-869	Plug, Square, NPT-32	2
5	22919	By-Pass Valve	1
6	22920	Spring	1
7	375-6203	Adapter, MORB-4/MHQC-4	1
8	37542	Fill Cap	1
9	434-4020	Gauge Level	1
10	460-0319	O-Ring ARP 346 70B	1
11	460-0436	O-Ring ARP 441 70B	1
12	708-6449	Filter, Return	1
13	709-7783	Filter, Suction	1
14	709F6170	Handle	1
15	709F7778	Cover.	1
16	713-0119	Rod	1
17	713F0118	Cover.	1
18	NTP-375C000-25	Nut, HEX TPLCK 0.375-16, ST SQC G5	9
19	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST SQC G5	6
20	T110999	Tank, Hydraulic	1
21	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	14

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HYDRAULIC RESERVOIR

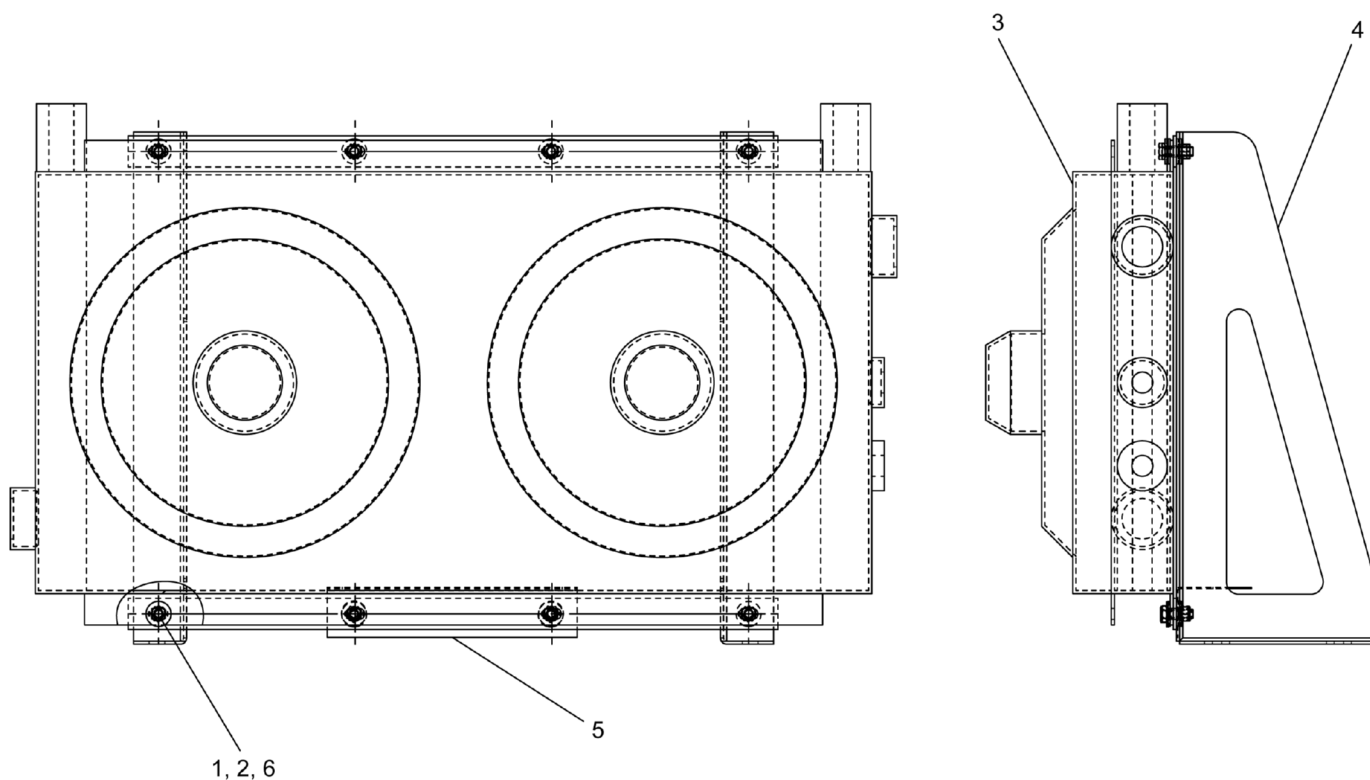
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T114606 (Rev. C)	<i>Hydraulic Oil Cooler ASSY</i>	
1	N04-375C000-25	Nut, HEX 0.375-16, ST SQC G5	8
2	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST SQC G5	8
3	T113593	Oil Cooler (see page 275)	1
4	T114608	Bracket ASSY, Hydraulic Cooler	1
5	T121861	Angle, ELEC. Mount	1
6	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	16

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HYDRAULIC OIL COOLER ASSEMBLY

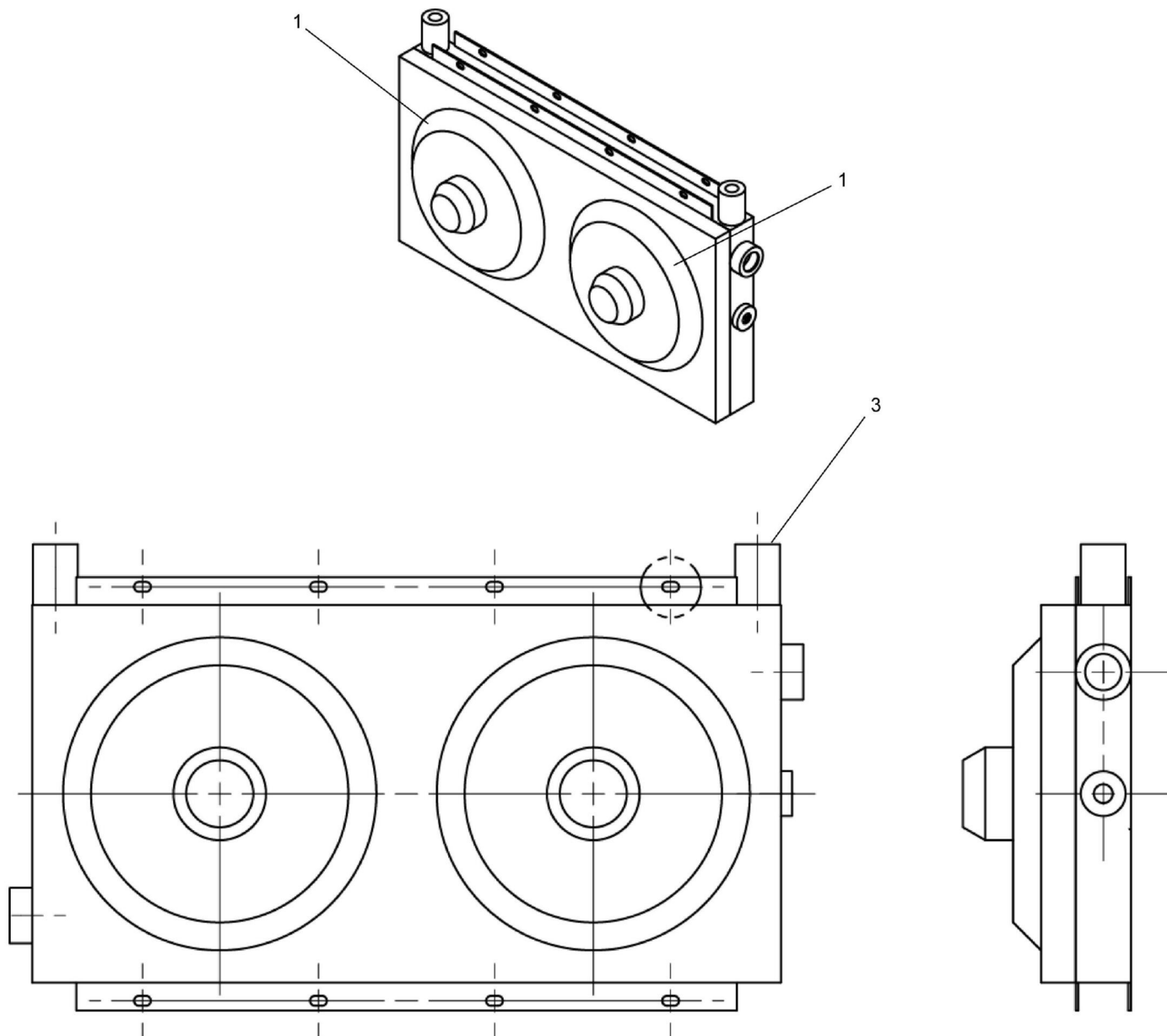
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T113593 (Rev. D)	<i>Oil Cooler</i>	
1	229702-MEM	Fan Motor	2
2*	229703	Core	1
3	229704	Bypass	1
4*	229705	Shroud	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OIL COOLER

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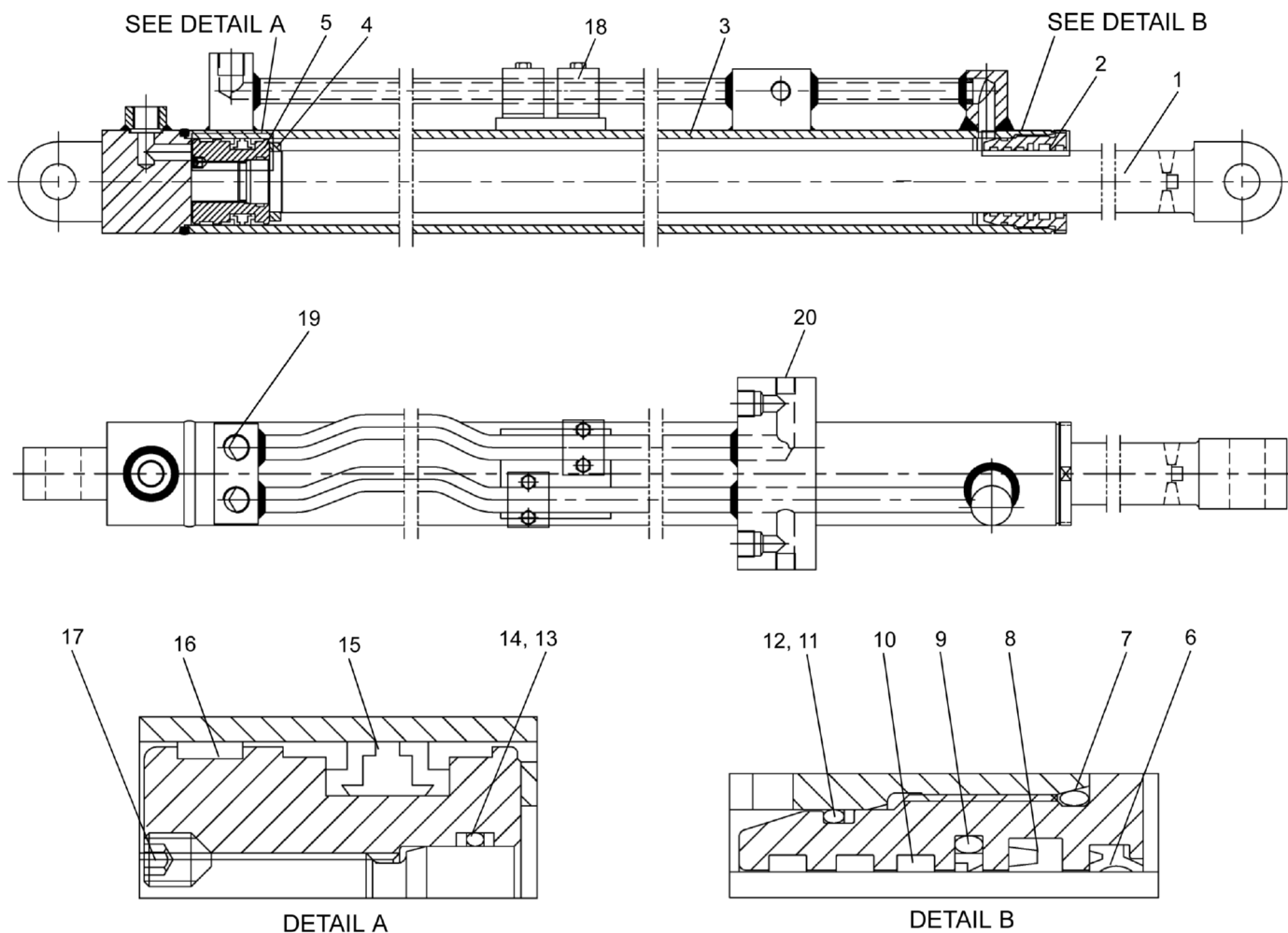
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T115802 (Rev. A)	<i>Temperature Sensor</i>	
1	227044	Electronic Fan Control Kit	2
2	227045	Replacement Control Only	2
3	227046	Replacement Sensor Only	2
4	1219-859	NPT Adapter	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OUTRIGGER EXTEND CYLINDER, REAR (HENGLI)

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T130846 (Rev. B)	<i>O/R Extend Cylinder (Hengli)</i>	
	229588	Seal Kit	1
1	227584	Rod	1
2	227585	Guide Bush	1
3	227586	Barrel Weldment	1
4	227587	Stop Tube	1
5	227588	Piston	1
6	227589	Wiper, Ø45/Ø53 X 5 X Ø50.5	1
7	227590	O-Ring, Ø63.17 X 2.62	1
8	227591	Rod Seal, Ø45/Ø55 X 8	1
9	227592	Buffer Ring, Ø45/Ø55.7 X 4.2	1
10	227593	Wear Ring, Ø50 X Ø45 X 5.6	3
11	227594	O-Ring, Ø58.42 X 2.62	1
12	227595	Back-Up Ring Ø63.5/Ø59.5 X 1	1
13	227596	O-ring, Ø31.42 X 2.62	1
14	227597	Back-Up Ring, Ø36 X Ø32 X 1	2
15	227598	Piston Seal, Ø63/Ø47 X 31.1	1
16	227599	Wear Ring, Ø63 X Ø58 X 9.7	1
17	227600	Screw, M8 X 10	1
18	227601	Vitta Nip, 18	2
19	227602	Plug, 3/4-16UNF	5
20	227603	Plug, 9/16-18UNF	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OUTRIGGER EXTEND CYLINDER, REAR (HENGLI)

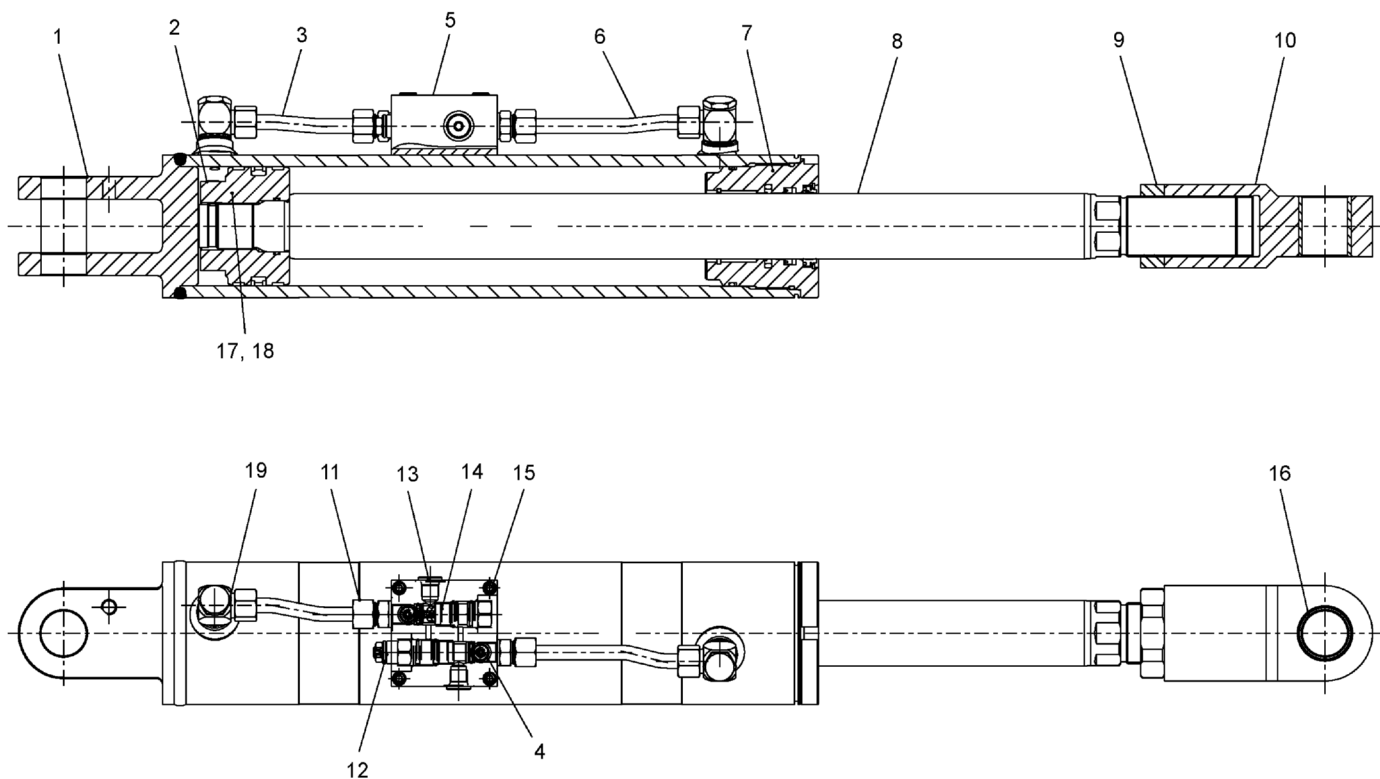
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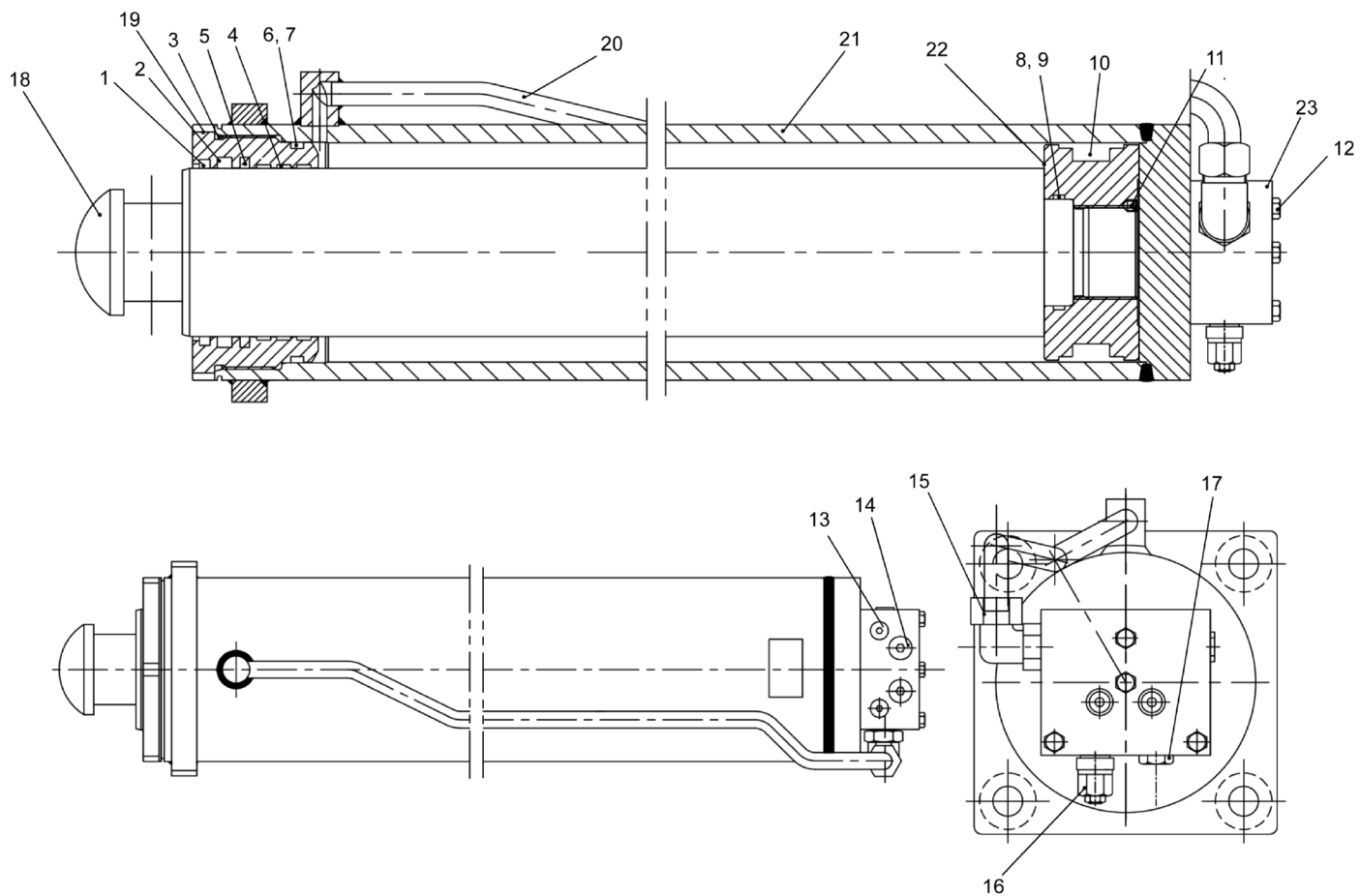


WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T163588 (Rev. A)	<i>Swing Cylinder (HENGLI)</i>	
	230238	Seal Kit	1
1	230223	Barrel Assembly	1
2	230224	Piston	1
3	230225	Pipe A	1
4	230237	Plug 5/16-24UNF	2
5	230227	Valve	1
6	230228	Pipe B	1
7	230229	Guide Bush D100/D55	1
8	230230	Rod	1
9	230231	Lock Nut	1
10	230232	Rod End	1
11	228428	Male Stud Connector G3/8-Ø12	2
12	230233	Balance valve 60L/Min 41 Bar	1
13	228414	Plug 9/16-18UNF	2
14	230234	Check valve 60L/Min	1
15	230235	Screw M6 X 50	4
16	228415	Bearing Ø1.75" X Ø1.5" X 2"	1
17	230236	Set Screw M10 X 18	1
18	228723	Steel Ball Ø6.5	1
19	228402	Adjustable Fitting	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OUTRIGGER JACK CYLINDER (HENGLI)

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T130849 (Rev. B)	<i>O/R Jack Cylinder (Hengli)</i>	
	228173	Seal Kit, Jack Cylinder	1
1	227639	Wiper, Ø115/Ø127.2 X 7.2	1
2	227640	Rod Seal, Ø115/Ø130 X 9 X 10	1
3	227641	O-Ring, Ø148.59 X 5.33	1
4	227642	Guide Ring, Ø115/Ø120 X 9.7	3
5	227643	Rod Seal, Ø115/Ø130.1 X 6.3	1
6	227644	O-Ring, Ø139.07 X 5.33	1
7	227645	Back-Up Ring, Ø151 X 142.3 X 1.5	1
8	227646	O-Ring, Ø72.62 X 3.53	1
9	227647	Back-Up Ring, Ø78.5 X Ø73 X 1.5	2
10	227648	Piston Seal, Ø150/Ø125 X 25.4	1
11	227649	Holding Screw, M8 X 10	1
12	227650	Bolt, M8 X 70	4
13	227651	Plug, 9/16-18 UNF	2
14	227652	Plug, 3/4-16 UNF	2
15	227653	Bite Type Tube Fittings, Ø16	1
16	227654	Counterbalance Valve, 60L/min.41bar	1
17	227625	Check Valve	1
18	227655	Piston Rod	1
19	227656	Guide Bush	1
20	227657	Pipe, Ø22 X 3	1
21	227658	Barrel Weldment	1
22	227659	Piston	1
23	227660	Valve Block	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OUTRIGGER JACK CYLINDER (HENGLI)

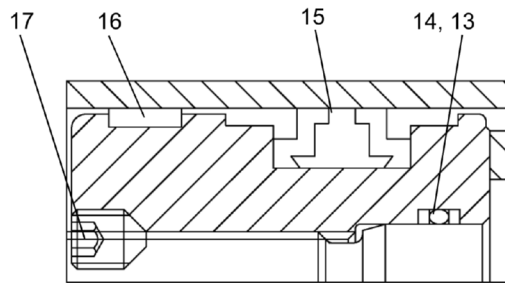
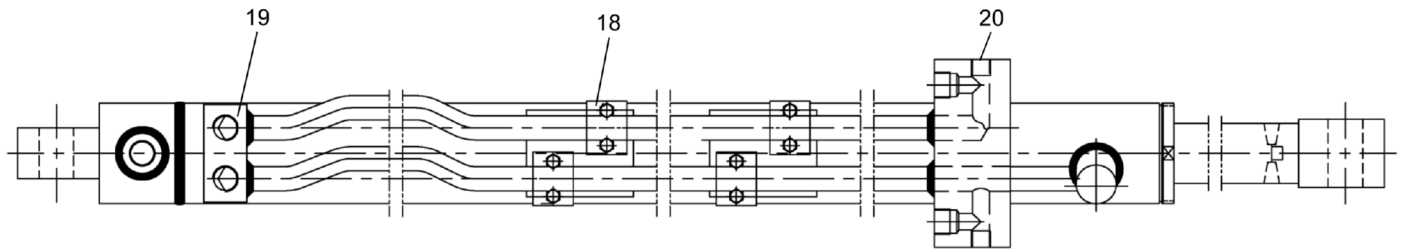
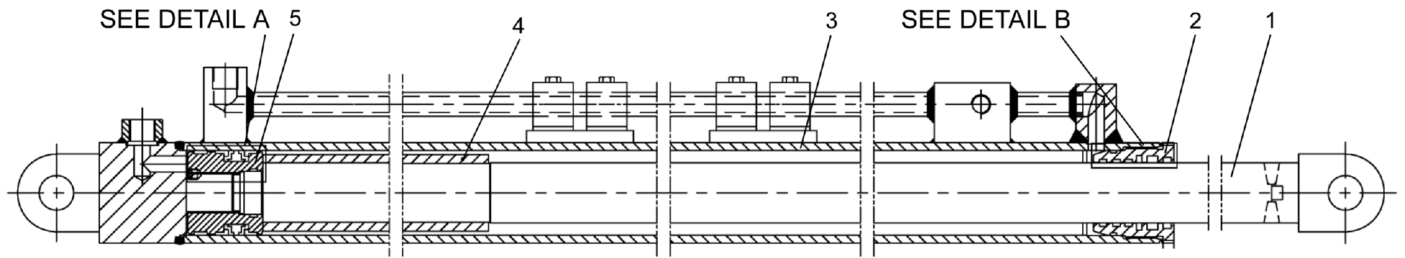
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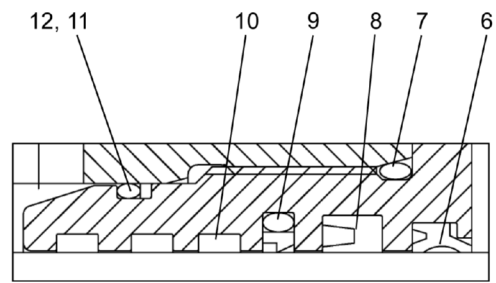
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DETAIL A



DETAIL B

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OUTRIGGER EXTEND CYLINDER, FRONT (HENGLI)

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T130850 (Rev. B)	<i>O/R Extend Cylinder (Hengli)</i>	
	229589	Seal Kit	
1	227635	Rod	1
2	227585	Guide Bush	1
3	227636	Barrel Weldment	1
4	227637	Stop Tube	4
5	227588	Piston	1
6	227589	Wiper, Ø45/Ø53 X 5 X Ø50.5	1
7	227590	O-Ring, Ø63.17 X 2.62	1
8	227591	Rod Seal, Ø45/Ø55 X 8	1
9	227592	Buffer Ring, Ø45/Ø55.7 X 4.2	1
10	227593	Wear Ring, Ø50 X Ø45 X 5.6	3
11	227594	O-Ring, Ø58.42 X 2.62	1
12	227595	Back-Up Ring Ø63.5/Ø59.5 X 1	1
13	227596	O-ring, Ø31.42 X 2.62	1
14	227597	Back-Up Ring, Ø36 X Ø32 X 1	2
15	227598	Piston Seal, Ø63/Ø47 X 31.1	1
16	227599	Wear Ring, Ø63 X Ø58 X 9.7	1
17	227600	Screw, M8 X 10	1
18	227601	Vitta Nip, 18	4
19	227602	Plug, 3/4-16UNF	5
20	227603	Plug, 9/16-18UNF	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OUTRIGGER EXTEND CYLINDER, FRONT (HENGLI)

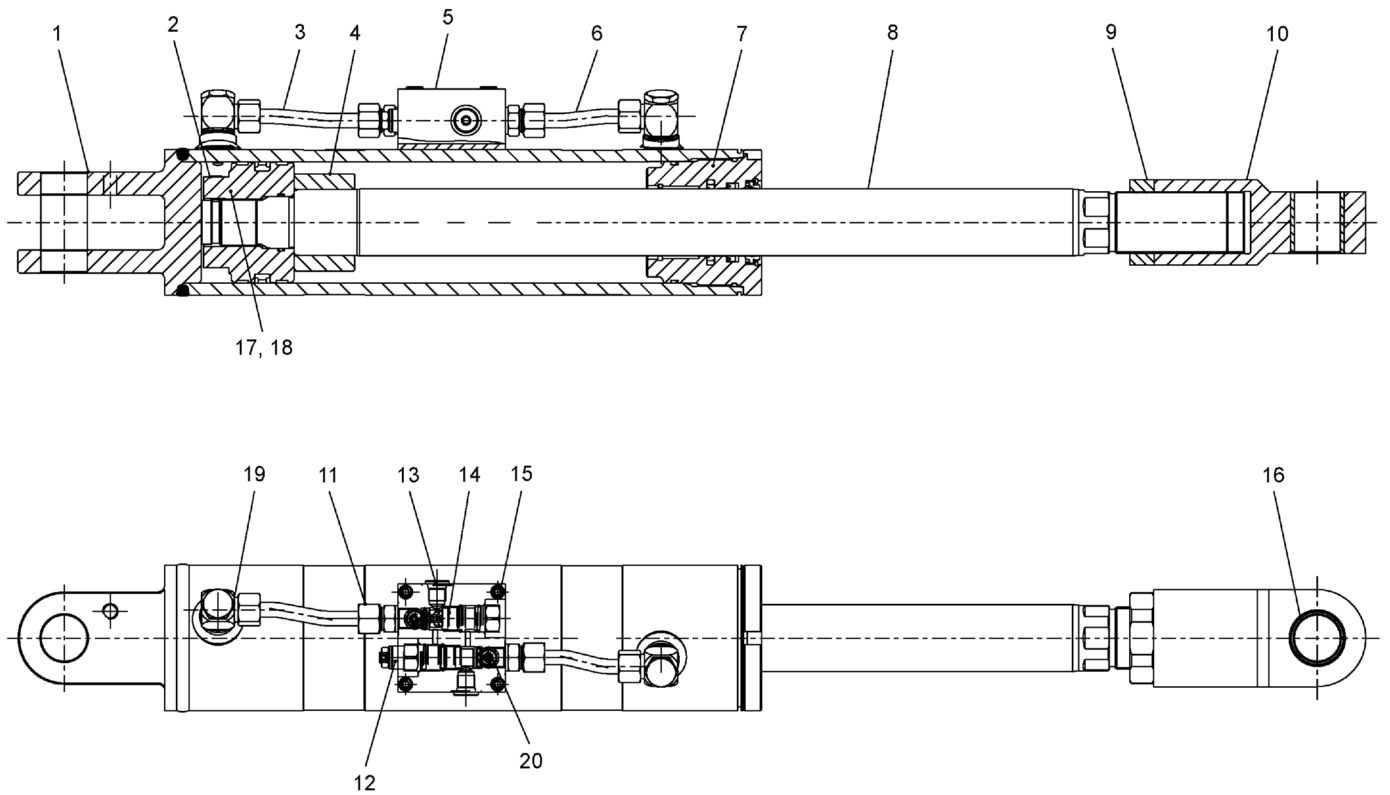
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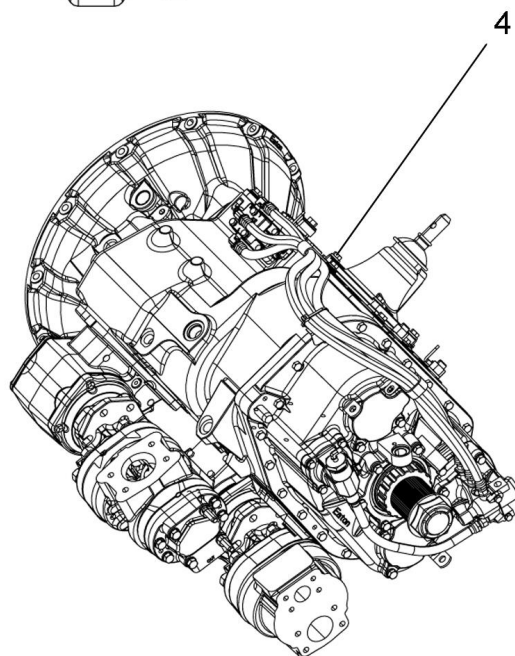
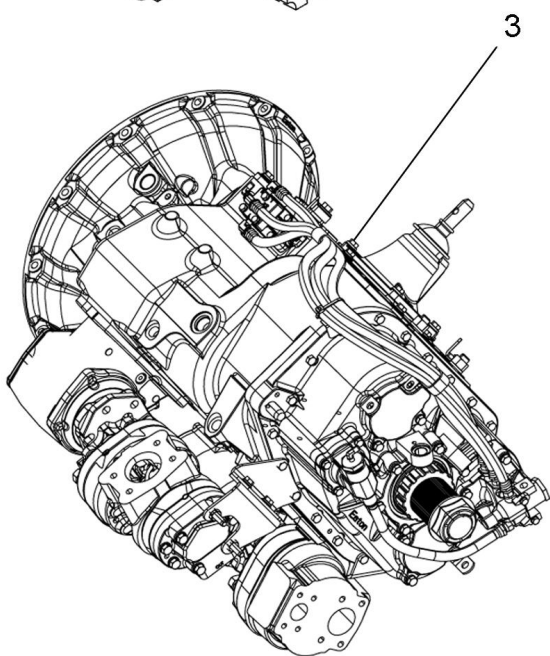
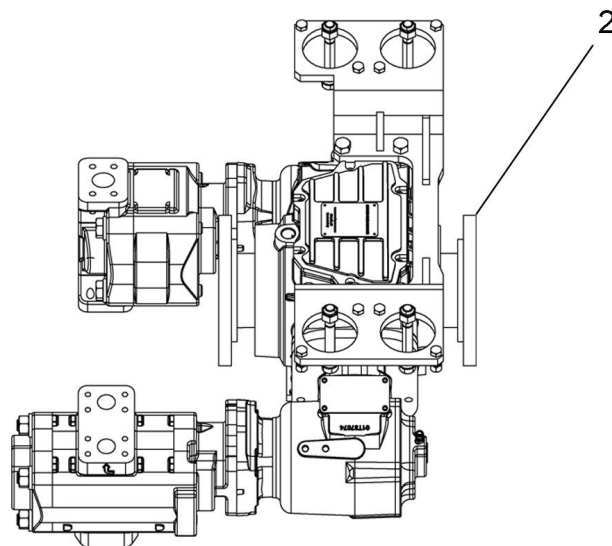
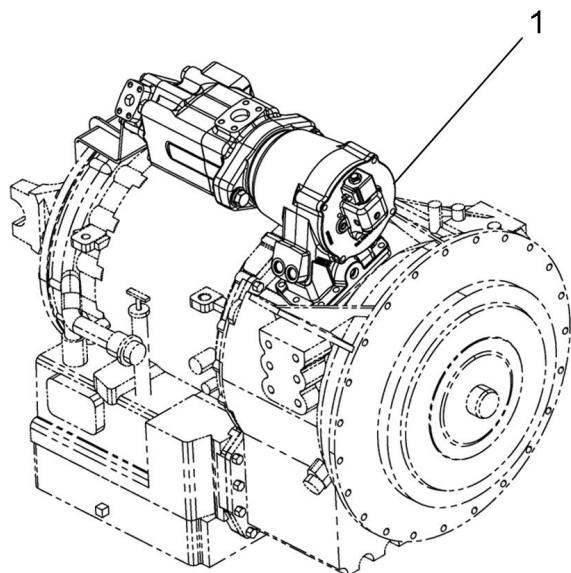


WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T163587 (Rev. A)	<i>Swing Cylinder (HENGLI)</i>	
	230222	Seal Kit	1
1	230223	Barrel Assembly	1
2	230224	Piston	1
3	230225	Pipe A	1
4	230226	Stop Tube	1
5	230227	Valve	1
6	230228	Pipe B	1
7	230229	Guide Bush D100/D55	1
8	230230	Rod	1
9	230231	Lock Nut	1
10	230232	Rod End	1
11	228428	Male Stud Connector G3/8-Ø12	2
12	230233	Balance valve 60L/Min 41 Bar	1
13	228414	Plug 9/16-18UNF	2
14	230234	Check valve 60L/Min	1
15	230235	Screw M6 X 50	4
16	228415	Bearing Ø1.75" X Ø1.5" X 2"	1
17	230236	Set Screw M10 X 18	1
18	228723	Steel Ball Ø6.5	1
19	228402	Adjustable Fitting	2
20	230237	Plug 5/16-24UNF	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	SWING CYLINDER (HENGLI)	DATE: Released 03-2019	CHAPTER 2
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REF	PART NO.	DESCRIPTION	QTY
XO 6000-PUMP DRV (Rev. 00) <i>Pump / PTO Options</i>			
1	T118689	Pump Kit, Allison Transmission (see page 288)	1
2	T119674	Pump/PTO Assembly (see page 290)	1
3	T122895	Pump/PTO Assembly (see page 291)	1
4	T125326	Pump/PTO Assembly (see page 293)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



PUMP / PTO OPTIONS

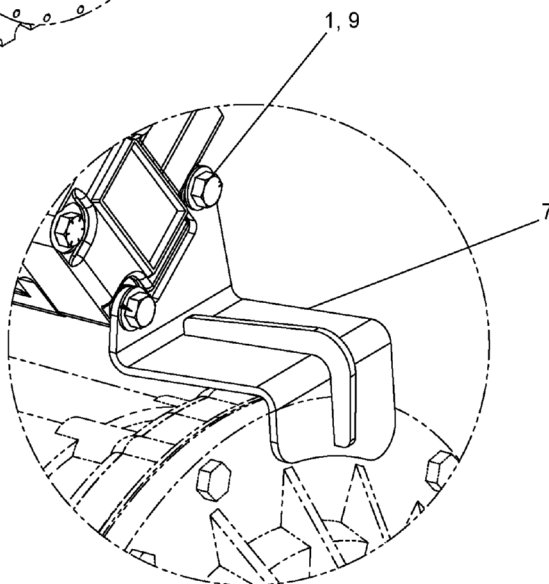
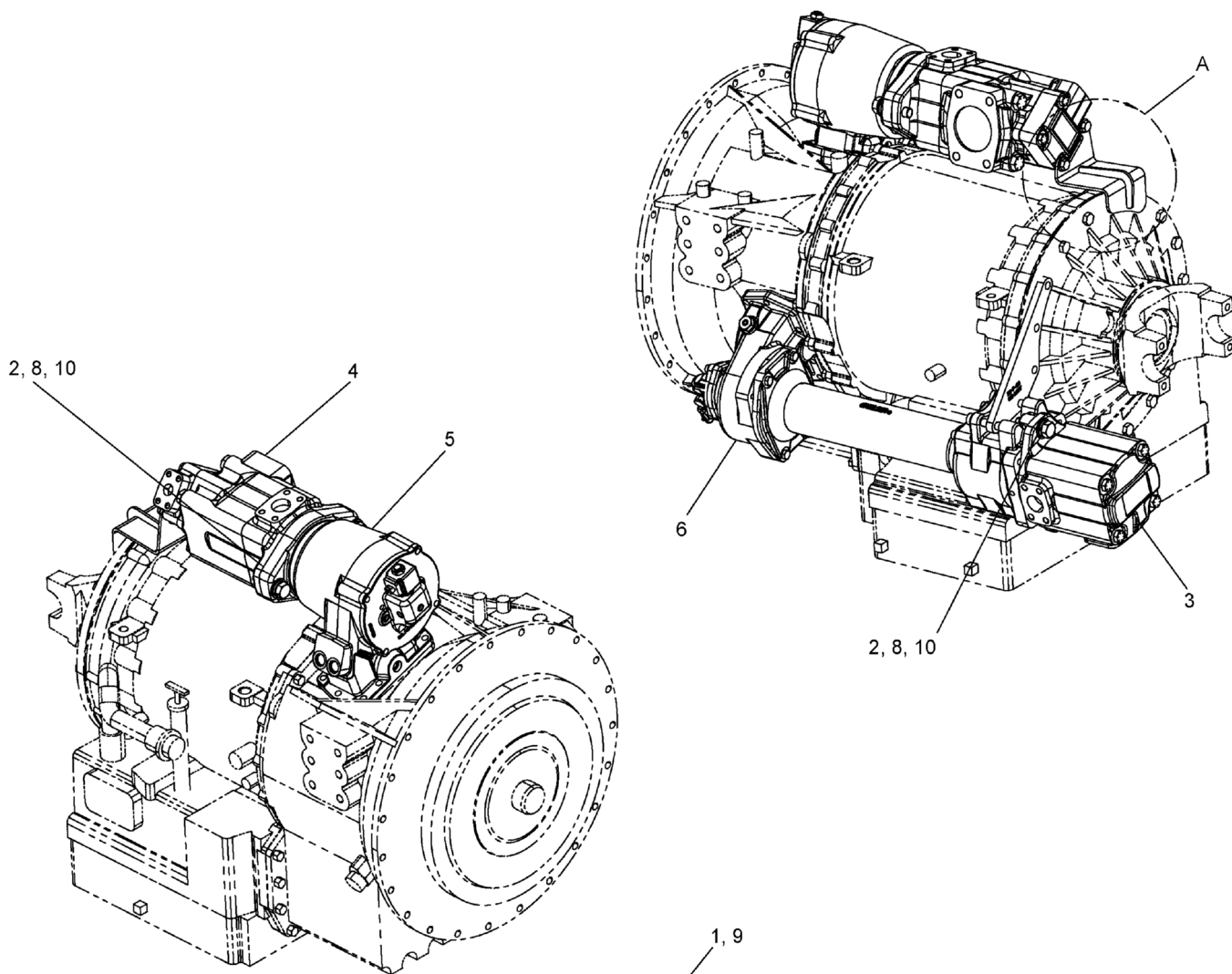
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DETAIL A

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



PUMP KIT ALLISON AUTO TRANSMISSION

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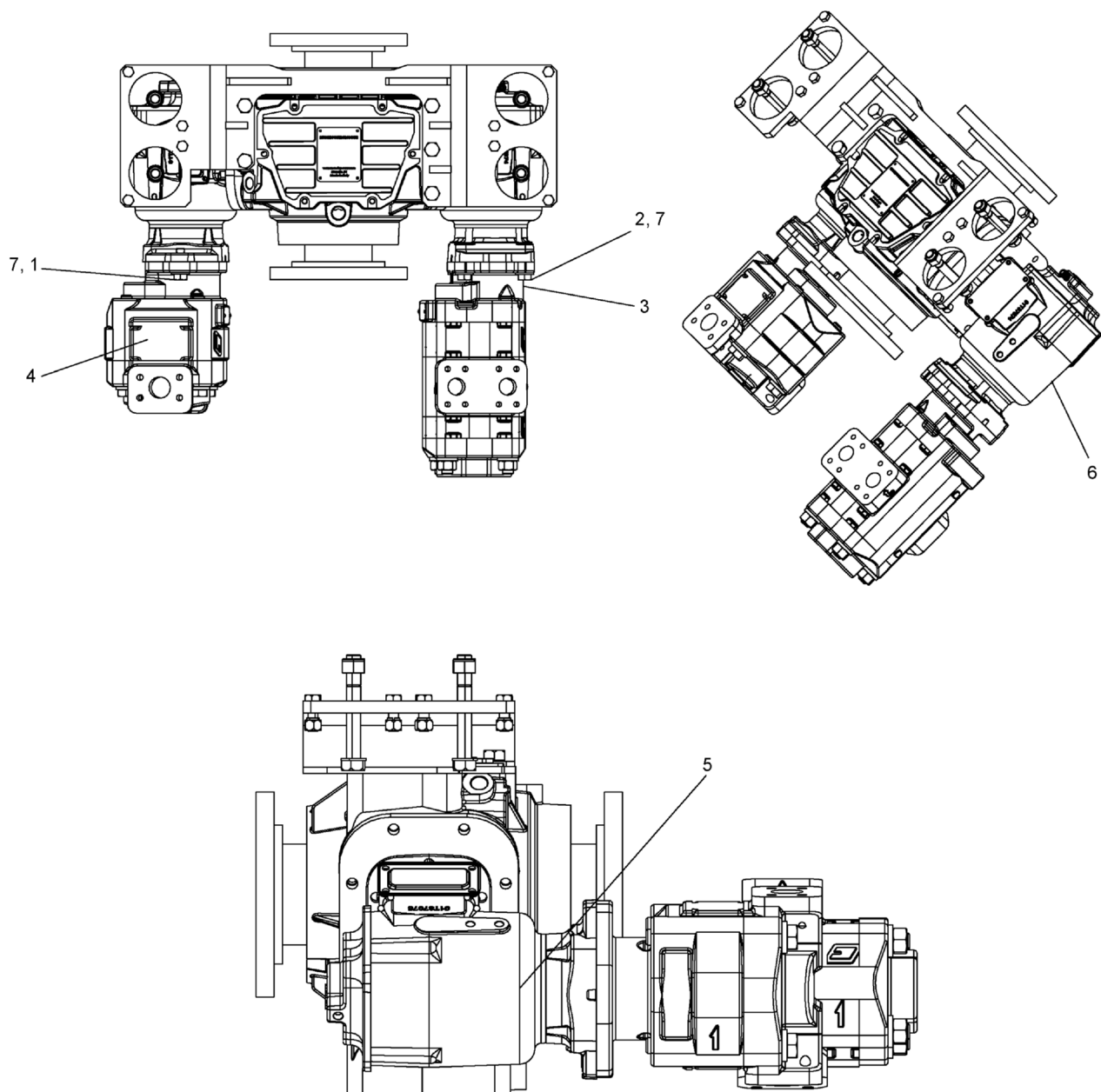
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T118689 (Rev. D)	<i>Pump Kit, Allison Transmission</i>	
1	SHF-438CB25-Y8	SCR, HHCS FT 0.438-14X2.25, STYZG8	2
2	SHF-625CB25-25	SCR, HHCS FT 0.625-11X2.25, STZ G5	4
3	T117445	Pump, Single Section	1
4	T117446	Pump, Two Section	1
5	T117473	PTO	1
6	T117578	PTO, Extended Shaft	1
7	T143813	Bracket, Pump	1
8	W07-625X000-20	WSH, LCK, MED SPLT 0.625, ST Z	4
9	WAN-43NX000-20	WSH, FL TYP A-NRW 0.4375, ST Z	4
10	WAN-62NX000-20	WSH, FL TYP A-NRW 0.625, ST SQC	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	PUMP KIT ALLISON AUTO TRANSMISSION	DATE: Revised 09-2017	CHAPTER 2
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REF	PART NO.	DESCRIPTION	QTY
	T119674 (Rev. B)	Pump/PTO Assembly	
1	S01-500CA50-Y8	SCR, HHCS 0.50-13X1.50, ST YZ GR8	2
2	S01-500CA75-Y8	SCR, HHCS 0.50-13X1.75, ST YZ GR8	4
3	T119621	Pump, Hydraulic	1
4	T119623	Pump, Hydraulic	1
5	T121375	PTO	1
6	T121376	PTO, 8 Bolt	1
7	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	6

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



PUMP/PTO ASSEMBLY EATON FULLER MANUAL TRANS - SPLIT SHAFT PTO

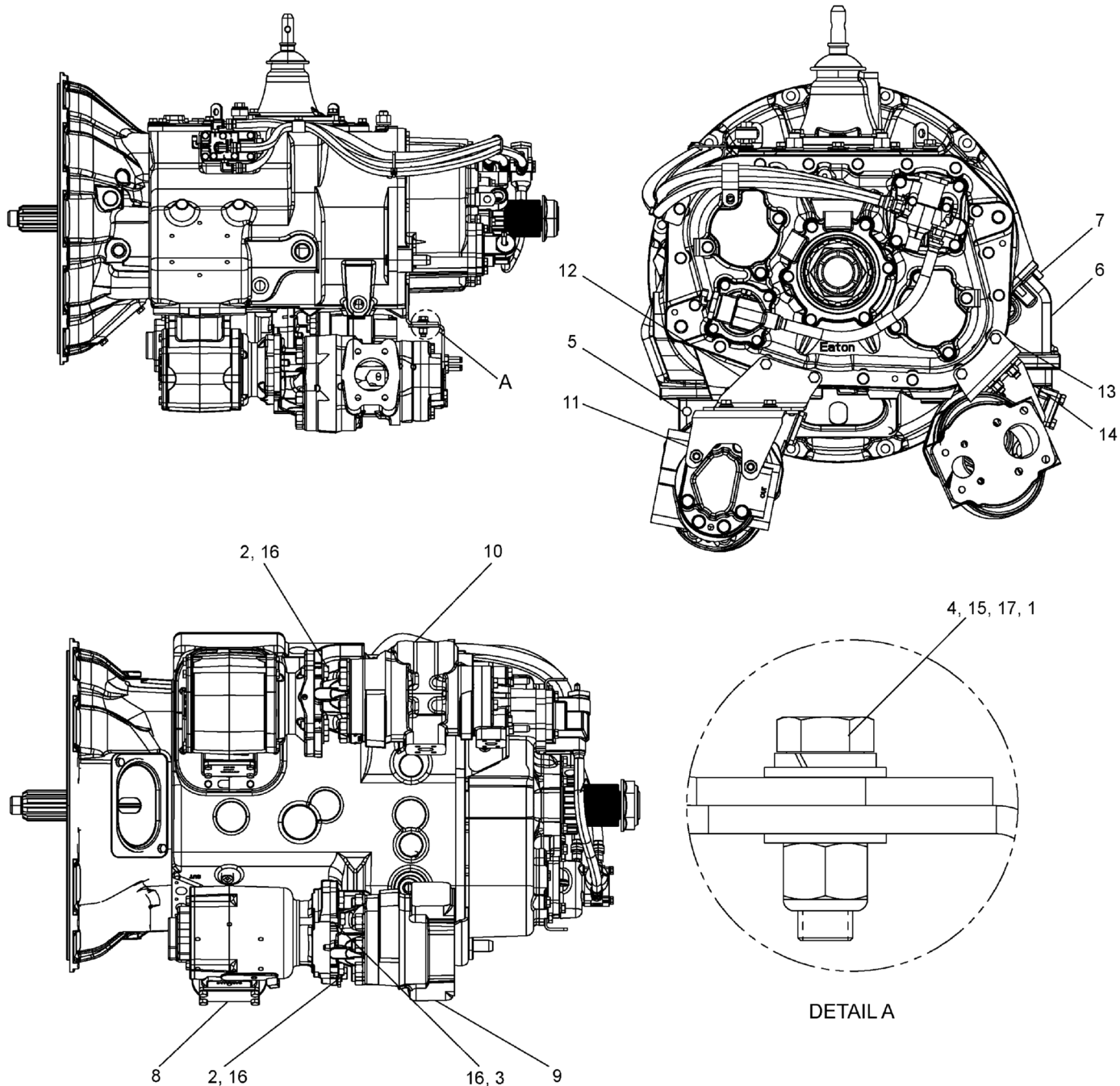
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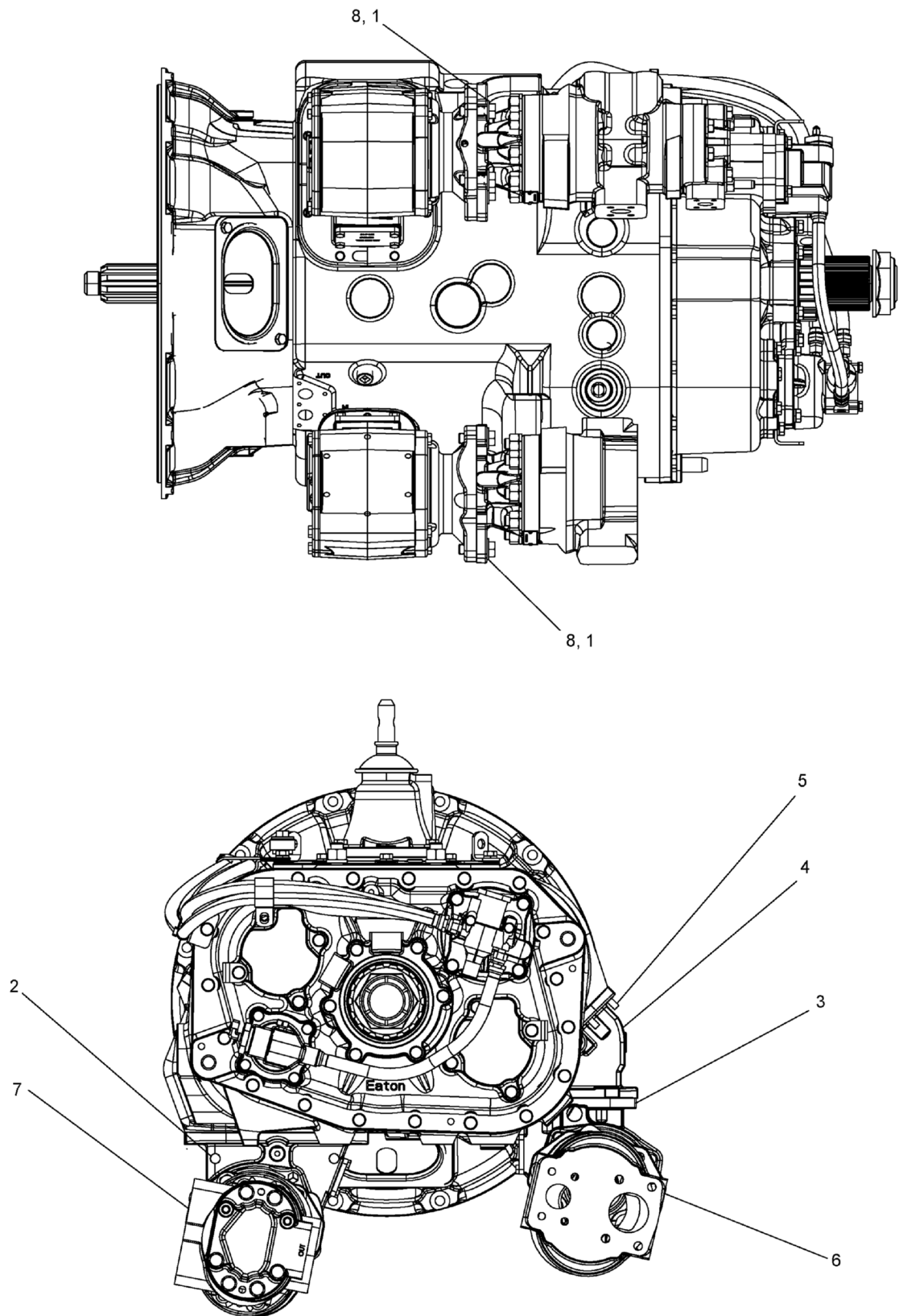


WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T122895 (Rev. C)	<i>Pump/PTO Assembly</i>	
1	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	4
2	S01-500CA50-Y8	SCR, HHCS 0.50-13X1.50, ST YZ GR8	5
3	S01-500CA75-Y8	SCR, HHCS 0.50-13X1.75, ST YZ GR8	4
4	SHF-375CA25-25	SCR, HHCS FT 0.375-16 X 1.25, STZ G5	4
5	T119626	PTO, 8 Bolt	1
6	T119628	PTO, 45 Adapter	1
7	T122918	Metric Stud Kit	1
8	T139876	6 Bolt PTO	1
9	T140247	Rear Port Winch Pump	1
10	T140248	Boom/Swing Pump	1
11	T142072	Pump Support, Bracket	1
12	T142073	Pump Support, Bracket	1
13	T142307	Pump Support, Bracket	1
14	T142308	Pump Support, Bracket	1
15	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	4
16	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	9
17	WAN-37NX000-20	WSH, FL TYP A-NRW 0.375, ST SQC	8

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	PUMP/PTO ASSEMBLY EATON FULLER MANUAL TRANS	DATE: Revised 09-2017	CHAPTER 2
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



PUMP/PTO ASSEMBLY EATON FULLER MANUAL TRANS

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T125326 (Rev. C)	<i>Pump/PTO Assembly</i>	
1	S01-500CA50-Y8	SCR, HHCS 0.50-13X1.50, ST YZ GR8	6
2	T125322	PTO, 8 Bolt	1
3	T125323	PTO, 6 Bolt	1
4	T125324	PTO, 45 Adapter	1
5	T125325	Metric Stud Kit	1
6	T140247	Rear Port Winch Pump	1
7	T140248	Boom/Swing Pump	1
8	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	6

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



PUMP/PTO ASSEMBLY EATON FULLER MANUAL TRANS

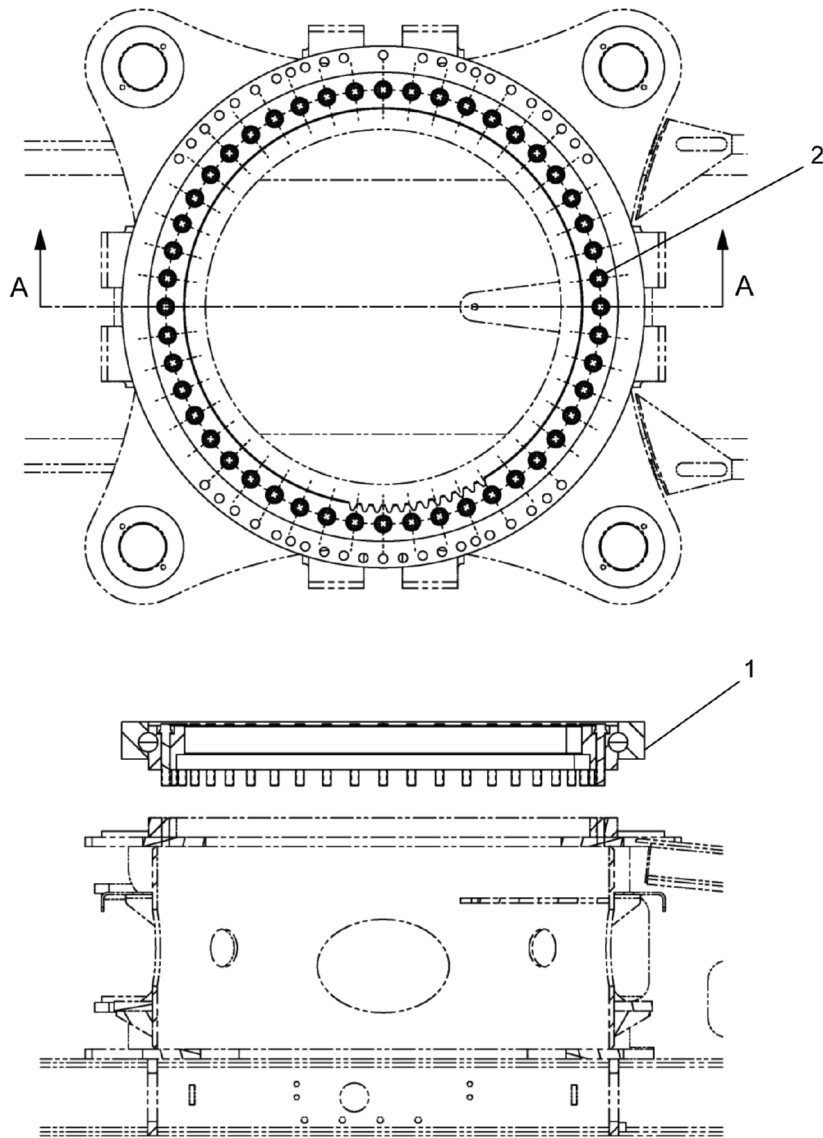
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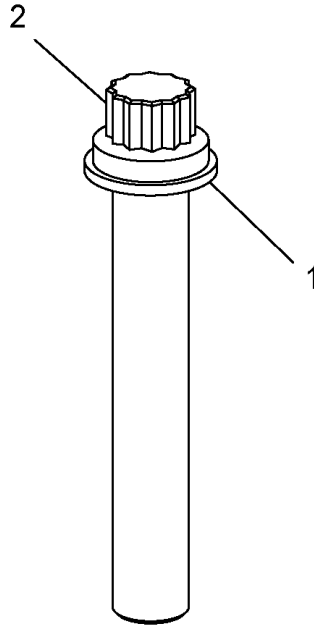
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SECTION A-A

REF	PART NO.	DESCRIPTION	QTY
	T108155 (Rev. B)	<i>Bearing Installation</i>	
1	717-0013	Swing Bearing	1
2	T146843	Kit, Swing Bearing Assembly (see page 296)	1

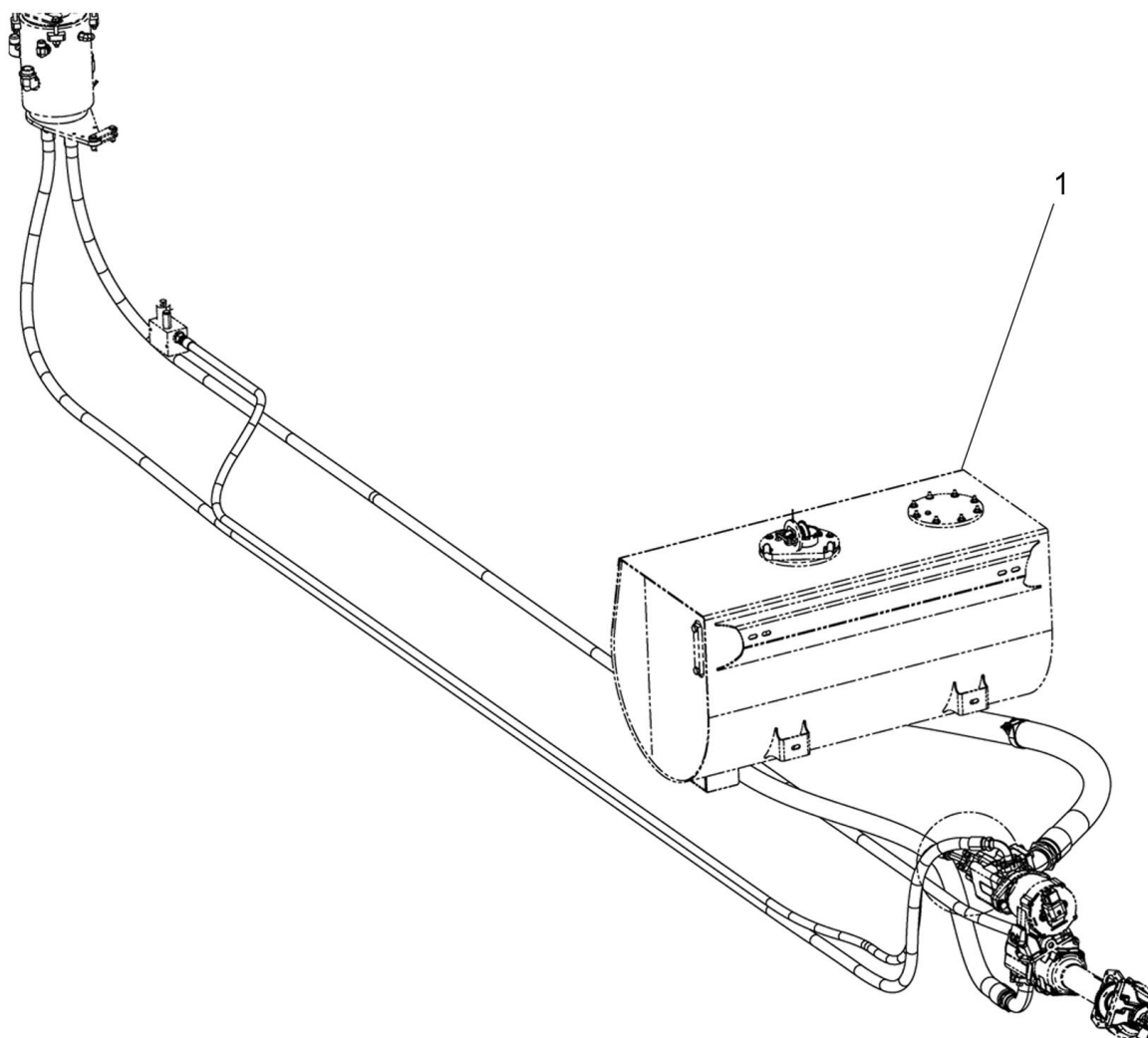
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T146843 (Rev. B)	<i>Kit, Swing Bearing Assembly</i>	
1	1209-61	Washer, HRD, 0.875 Z	48
2	SFP-875CE50-2A	SCR, FLGHD 12PT 0.875-9 X 5.50, ST GRA SQC	48

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	KIT, SWING BEARING ASSEMBLY	DATE: Released 03-2019	CHAPTER 2
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	XO 6000-Hose OPTs* (Rev. 00)	<i>Hose Kit Options</i>	
1	T119151	Hose Kit, Allison 303" WB (see page 298)	1
1A	T123561	Hose Kit, Allison Auto (325 W.B.) (see page 301)	1
1B	T123018	Hose Kit, Eaton Manual (see page 303)	1
1C	T123256	Hose Kit, Split Shaft PTO (see page 305)	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE KIT OPTIONS

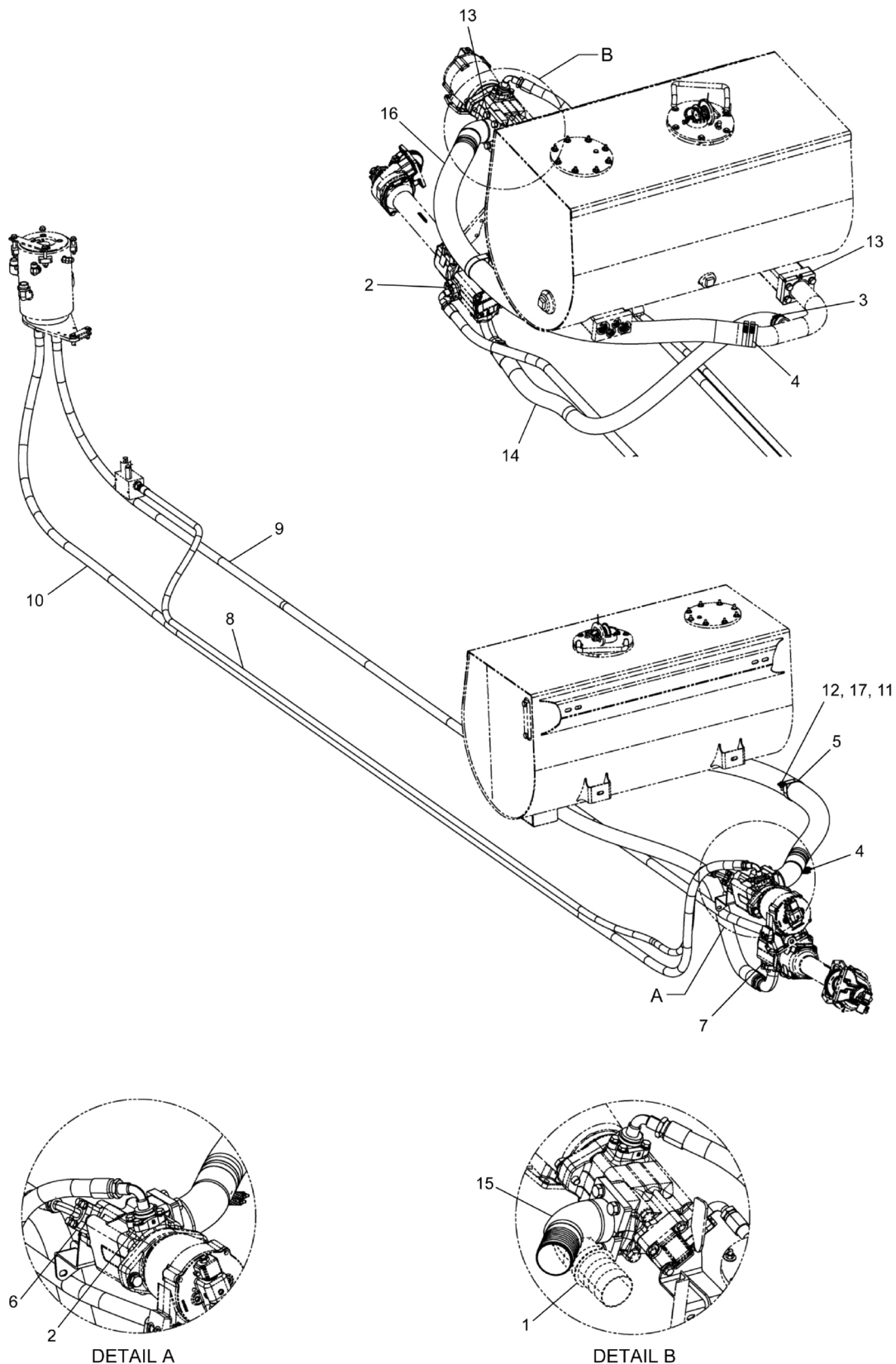
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T119151 (Rev. F)	<i>Hose Kit, Allison 303" WB</i>	
1	12019-737	Elbow, 90°	1
2	12019-765	Kit, Split Flange, C61-20	2
3	1240-186	Clamp T-Bolt	2
4	1240-244	Clamp 3.31 DIA - 3.55 DIA	4
5	201-00257	Clamp, 3.50 DIA	1
6	505-01002	Kit, Split Flange, C61-12	1
7	505-05002	Kit, Split Flange, C61-32 (see page 300).	1
8	707-4085-223	Hose ASSY .75ID	1
9	709-5016-267	Hose, ASSY 1.00 ID	1
10	709-5016-286	Hose, ASSY 1.00 ID	1
11	N04-375C000-25	Nut, HEX 0.375-16, ST SQC G5	1
12	SHF-375CA25-25	SCR, HHCS FT 0.375-16 X 1.25, STZ G5	1
13	T120715	Kit, Split Flange, C61-48	2
14	T123562	Hose, Suction	1
15	T131988	Elbow, 45C61-48/HBRB-48	1
16	T142492	Hose, -48, Suction, No End/No End, 3175	1
17	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE INSTALLATION, ALLISON (303" WB)

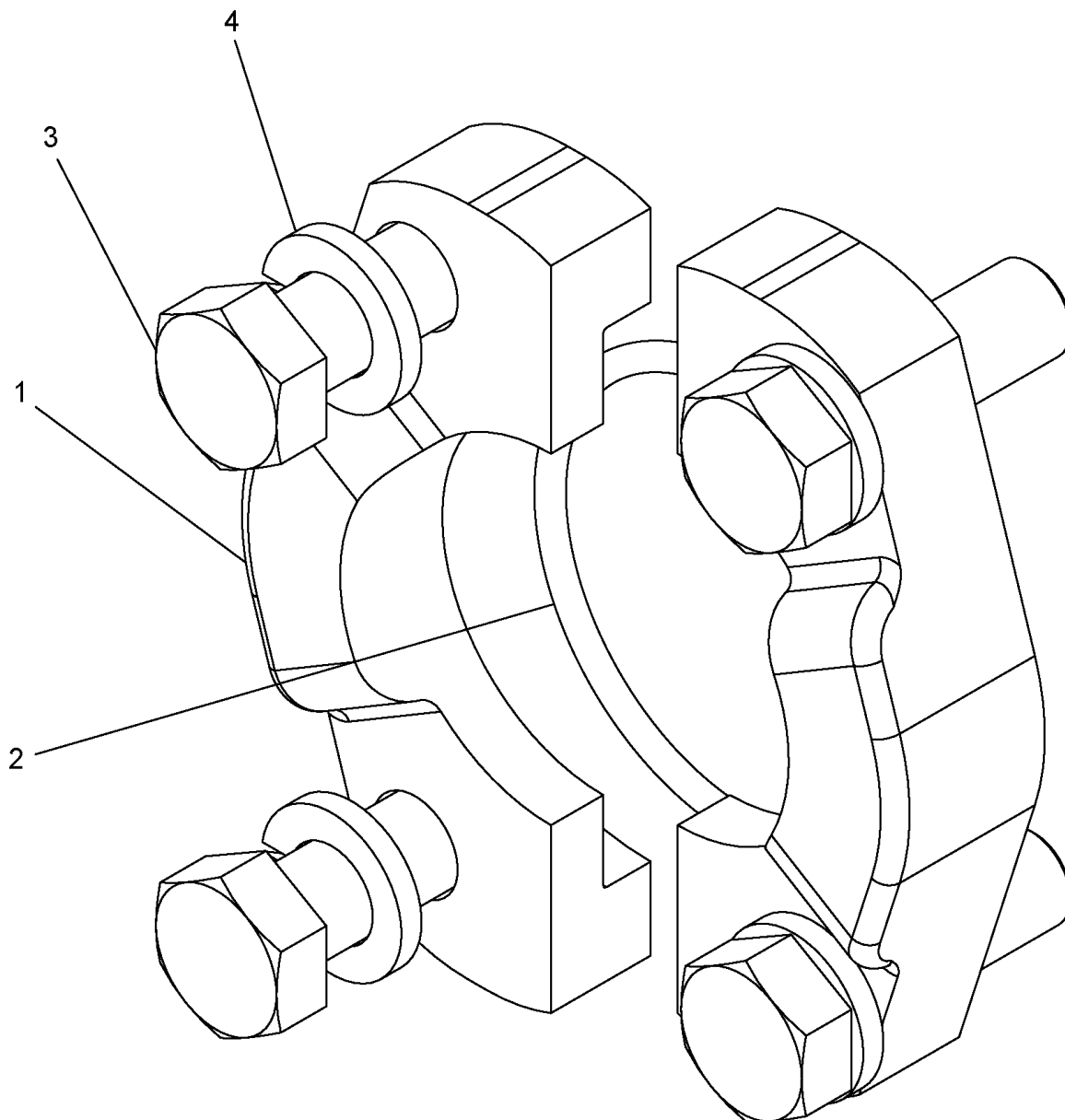
DATE: Revised 04-2017

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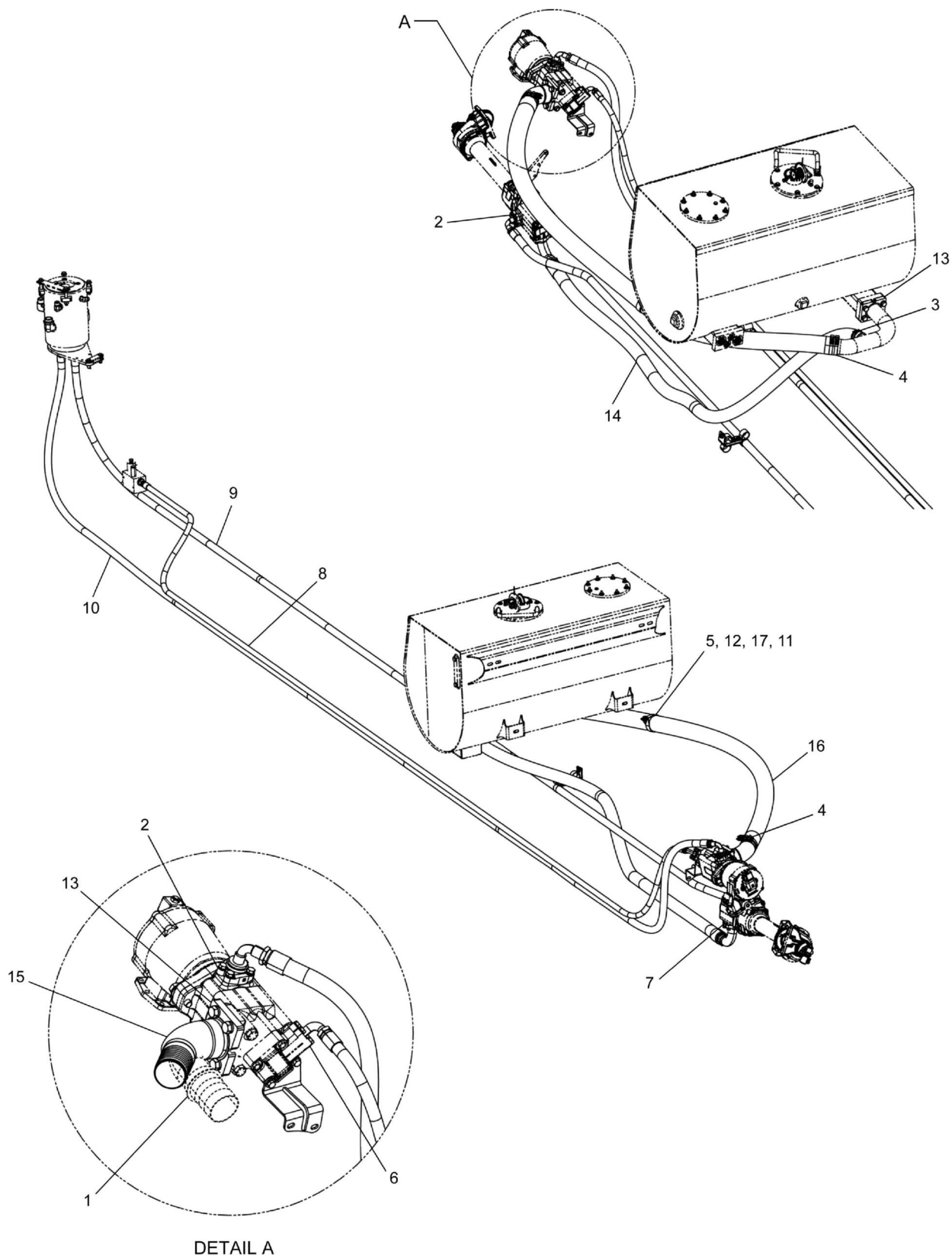
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	505-05002 (Rev. A)	<i>Kit, Split Flange, C61-32</i>	
1	505-05003	Clamp, Split Flange, C61-32	2
2	260-40005	O-Ring, SAE C61/C62-32	1
3	SHF-500CA50-25	SCR, HHCS FT 0.50-13 X 1.50, ST Z G5	4
4	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE INSTALLATION, ALLISON AUTO (325" WB)

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T123561 (Rev. C)	<i>Hose Kit, Allison Auto (325 W.B.)</i>	
1	12019-737	Elbow, 90°	1
2	12019-765	Kit, Split Flange, C61-20	2
3	1240-186	Clamp T-Bolt	2
4	1240-244	Clamp 3.31 DIA - 3.55 DIA	4
5	201-00257	Clamp, 3.50 DIA	1
6	505-01002	Kit, Split Flange, C61-12	1
7	505-05002	Kit, Split Flange, C61-32 (see page 300).	1
8	707-4085-257	Hose ASSY .75ID	1
9	709-5016-301	Hose, ASSY 1.00 ID	1
10	709-5016-320	Hose, ASSY 1.00 ID	1
11	N04-375C000-25	Nut, HEX 0.375-16, ST SQC G5	1
12	SHF-375CA25-25	SCR, HHCS FT 0.375-16 X 1.25, STZ G5	1
13	T120715	Kit, Split Flange, C61-48	2
14	T123562-99	Hose, Suction	1
15	T131988	Elbow, 45C61-48/HBRB-48	1
16	T142492	Hose, -48, Suction, No End/No End, 3175	1
17	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE INSTALLATION, ALLISON AUTO (325" WB)

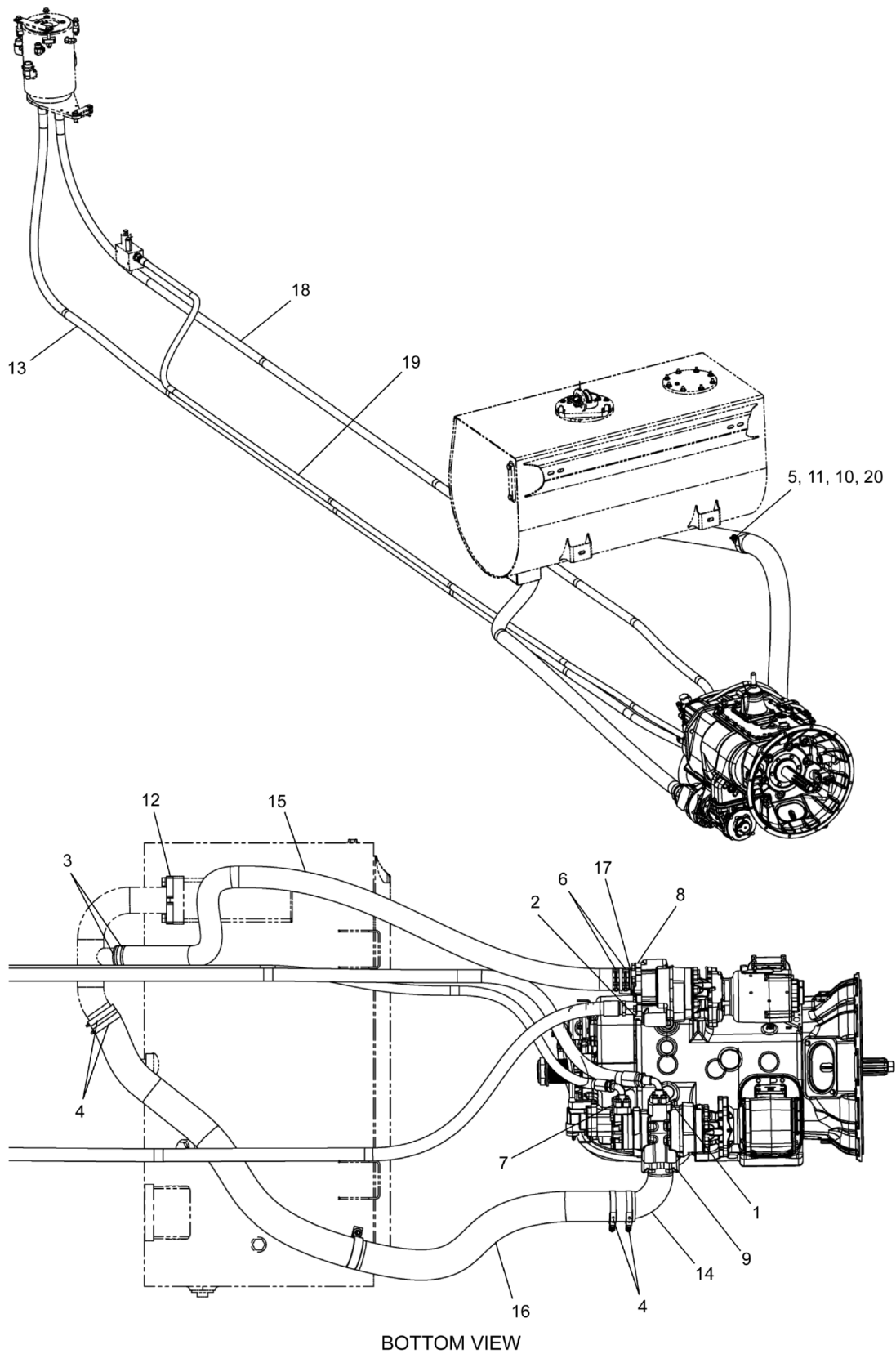
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BOTTOM VIEW

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T123018 (Rev. F)	<i>Hose Kit, Eaton Manual</i>	
1	12019-751	Kit, Split Flange, C61-16	1
2	12019-765	Kit, Split Flange, C61-20	1
3	1240-186	Clamp T-Bolt	2
4	1240-244	Clamp 3.31 DIA - 3.55 DIA	4
5	201-00257	Clamp, 3.50 DIA	1
6	378-0301	Clamp	2
7	505-01002	Kit, Split Flange, C61-12	1
8	505-05002	Kit, Split Flange, C61-32 (see page 300)	1
9	505-06004	Clamp, C61-40, Kit	1
10	N04-375C000-25	Nut, HEX 0.375-16, ST SQC G5	1
11	SHF-375CA25-25	SCR, HHCS FT 0.375-16 X 1.25, STZ G5	1
12	T120715	Kit, Split Flange, C61-48	1
13	T122562	Hose, ASSY 1.00 ID	1
14	T123109	Elbow, BARB	1
15	T135312	Hose, Suction	1
16	T135313	Hose Suction	1
17	T141207	Adapter, BARB-32/C61-32	1
18	T141383	Hose, -16, 4000, FJIC-16SW/C61-20, 7625	1
19	T141384	Hose, -12, 4000, FJIC-12SW/90C61-12, 6300	1
20	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE KIT, EATON MANUAL

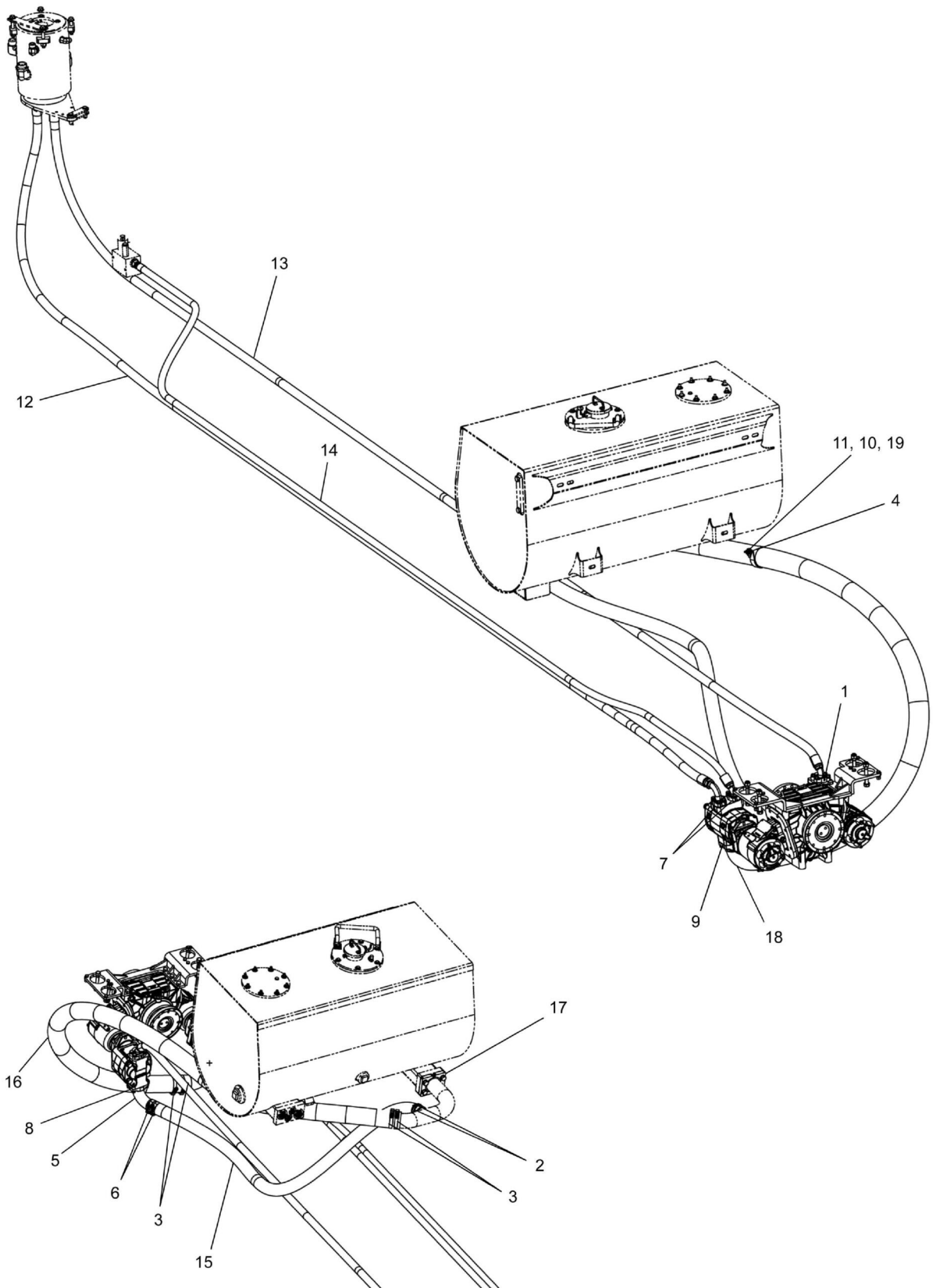
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE INSTALLATION, SPLIT SHAFT PTO

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T123256 (Rev. B)	<i>Hose Kit, Split Shaft PTO</i>	
1	12019-765	Kit, Split Flange, C61-20	1
2	1240-186	Clamp T-Bolt	2
3	1240-244	Clamp 3.31 DIA - 3.55 DIA	4
4	201-00257	Clamp, 3.50 DIA	1
5	363-1412	Insert, Beaded 2" 90	1
6	378-0301	Clamp	2
7	505-02002	Split Flange Kit, 1.00	2
8	505-05002	Kit, Split Flange, C61-32 (see page 300)	1
9	505-06004	Clamp, C61-40, Kit	1
10	N04-375C000-25	Nut, HEX 0.375-16, ST SQC G5	1
11	SHF-375CA25-25	SCR, HHCS FT 0.375-16 X 1.25, STZ G5	1
12	T120588	Hose, ASSY 1.00 ID	1
13	T120589	Hose, ASSY 1.00 ID	1
14	T120590	Hose ASSY .75ID	1
15	T120621	Hose, Suction	1
16	T120622	Hose Suction	1
17	T120715	Kit, Split Flange, C61-48	1
18	T123109	Elbow, BARB	1
19	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOSE INSTALLATION, SPLIT SHAFT PTO

DATE: Revised 04-2017

MODEL: 60-110

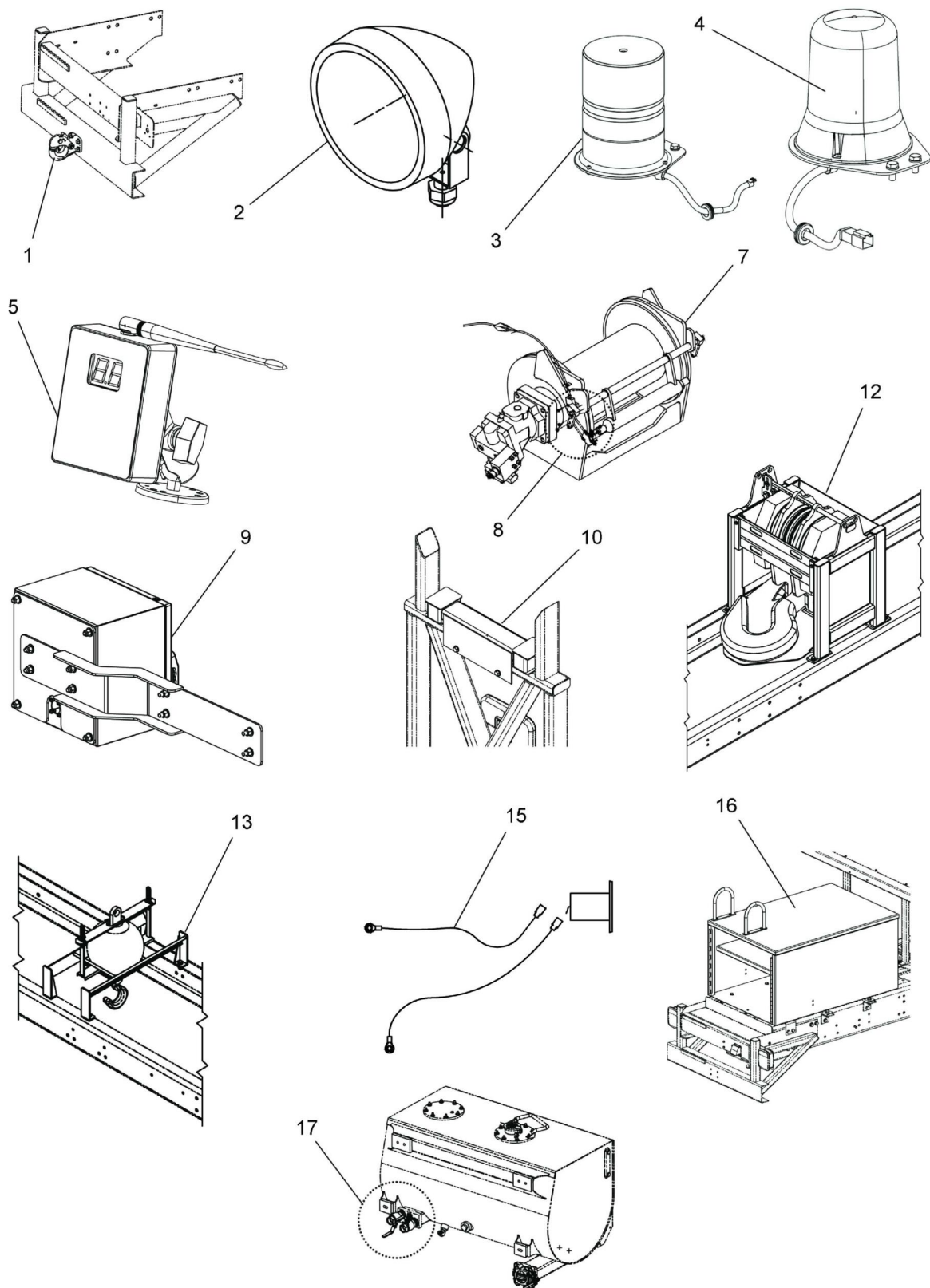
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CHAPTER NO. 3

OPTIONAL EQUIPMENT



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

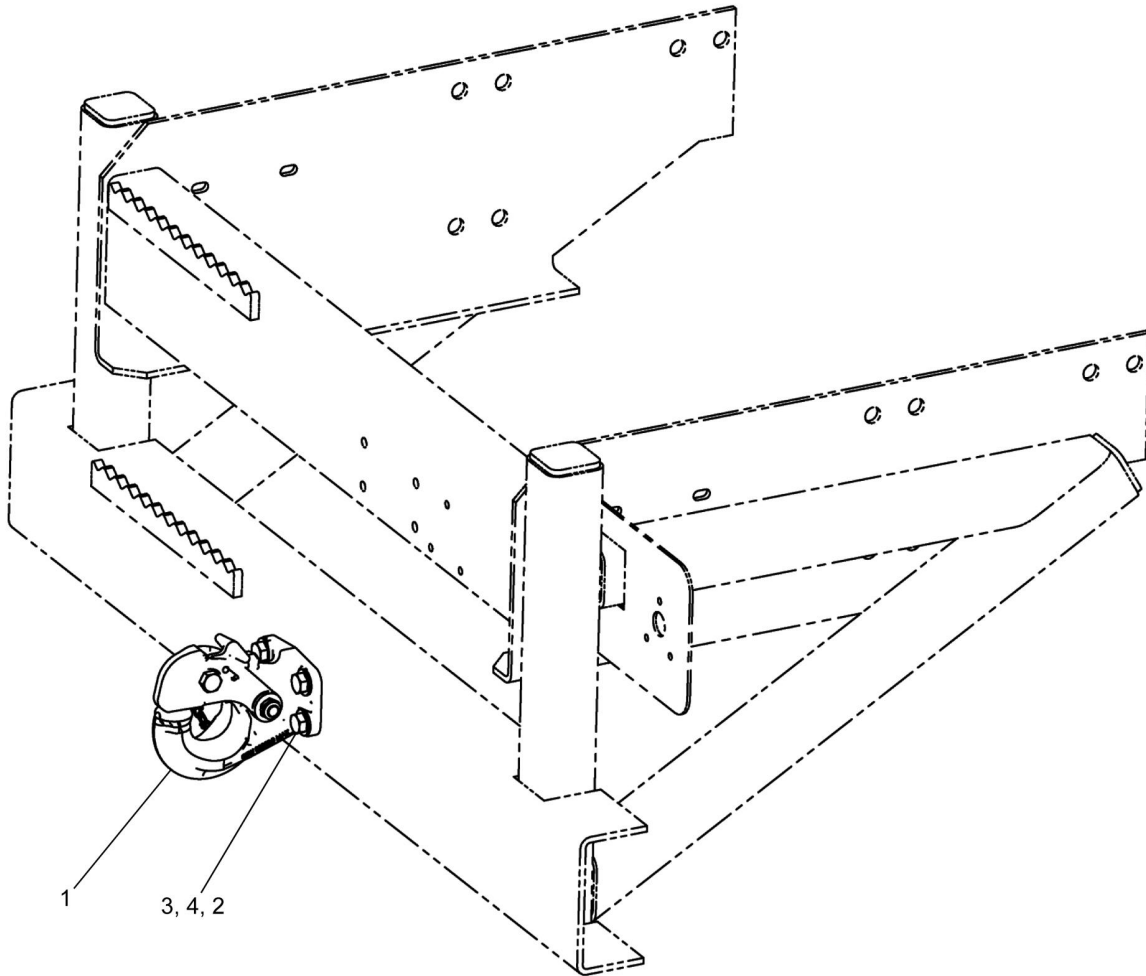
<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
XO 6000-OPT-EQUIP (Rev. 00) <i>OPTIONAL EQUIPMENT</i>			
1	T114616	Pintle Hook Assembly (see page 311)	REF
2	T117490	Assembly, Work Light (see page 312)	REF
3	719A0942	Strobe Light, Yellow (see page 314)	REF
4	719A0915	Revolving Amber Light (see page 315)	REF
5	T103540	Wind Speed Sensor (see page 316)	REF
6**	707A5736	360° Spotlight (see page 317)	REF
7	723A0009	Auxiliary Winch Assembly (see page 318)	REF
8	717A1180	3RD Wrap Indicator (see page 323)	REF
9	T123190	Control Box Installation (see page 325)	REF
10	T119856	Boom Rest Spacer INSTL (see page 331)	REF
11**	T121343	Installation Kit, Narrow Frame (see page 332)	REF
12	T127033	Hook Block INSTL (see page 333)	REF
13	T127034	Ball MTG INSTL (see page 335)	REF
14**	XO 6000-COLD START*	Cold Start Options (see page 337)	REF
15	T126275	Kit, Hour Meter INSTL (see page 341)	REF
16	T119959	Storage Box Option (see page 342)	REF
17	T143298	Shut Off option - HYD Tank (see page 346)	REF

* NOT PURCHASABLE AT THIS LEVEL

** NOT SHOWN IN ILLUSTRATION

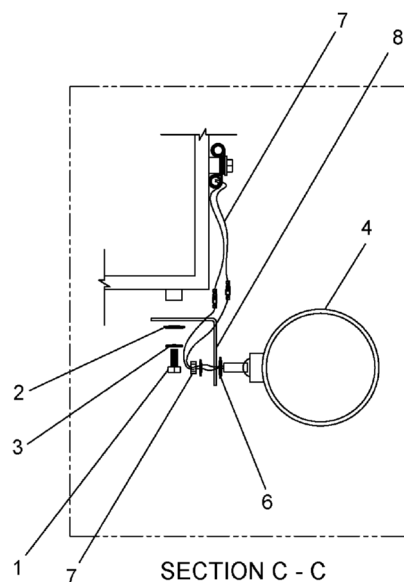
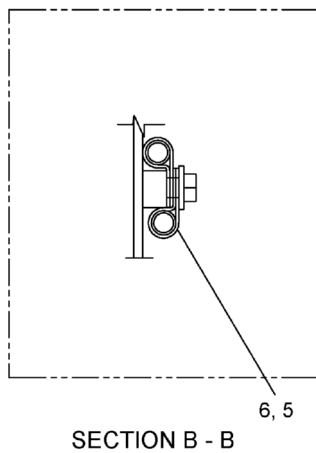
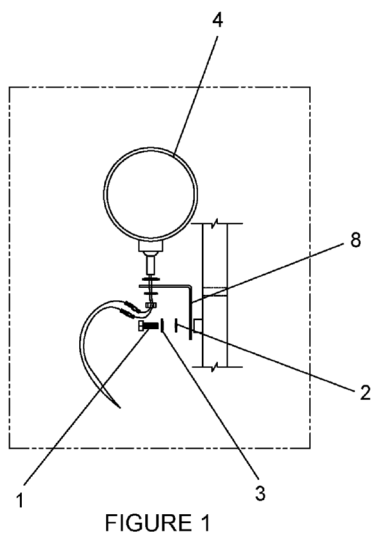
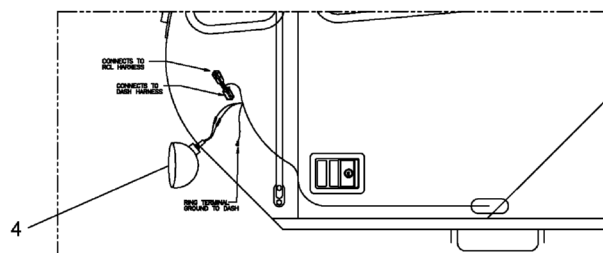
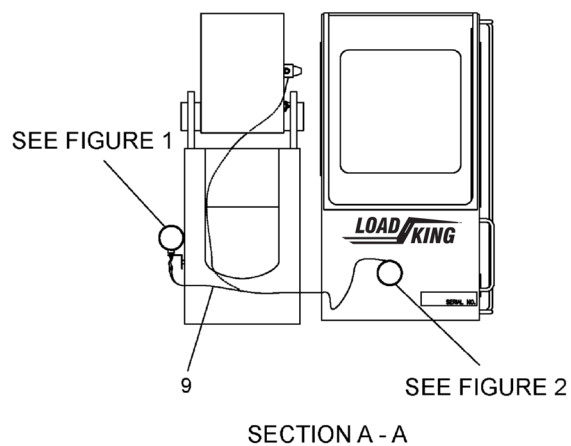
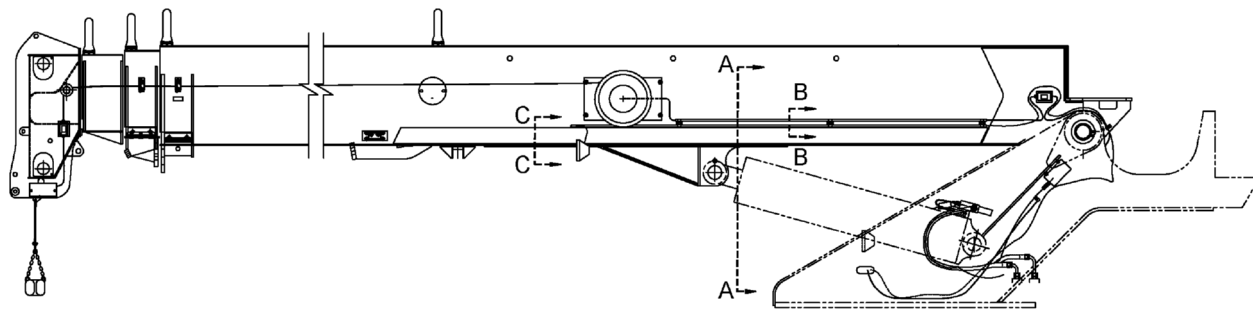
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	OPTIONAL EQUIPMENT	DATE: Revised 09-2017	CHAPTER 3
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T114616 (Rev. B)	<i>Pintle Hook Assembly</i>	
1	41101	Hook	1
2	N04-500C000-2A	Nut, HEX 0.50-13, ST Z GRA	4
3	S01-500CB25-Y8	SCR, HHCS 0.50-13X2.25, ST YZ GR8	4
4	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T117490 (Rev. C)	<i>Assembly, Work Light</i>	
1	SHF-375C750-25	SCR, HHCS FT 0.375-16 X 0.75, ST SQC G5	2
2	WAN-31NX000-20	WSH, FL TYP A-NRW 0.3125, ST SQC	2
3	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST SQC	2
4	1223-1067	Work Light	3
5	200B2007-4	Clamp, MED, 1/2 ID	3
6	206F4254	Tube 0.5 X 0.049 X 80, 501 Zinc Plated	1
7	707 4552	Harness, Work Light Option	2
8	707 4688	Bracket, A.C.	2
9	T116824	Harness, Work Light	1
10*	1223-903	Rocker Switch	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	WORK LIGHT ASSEMBLY	DATE: Revised 04-2018	CHAPTER 3
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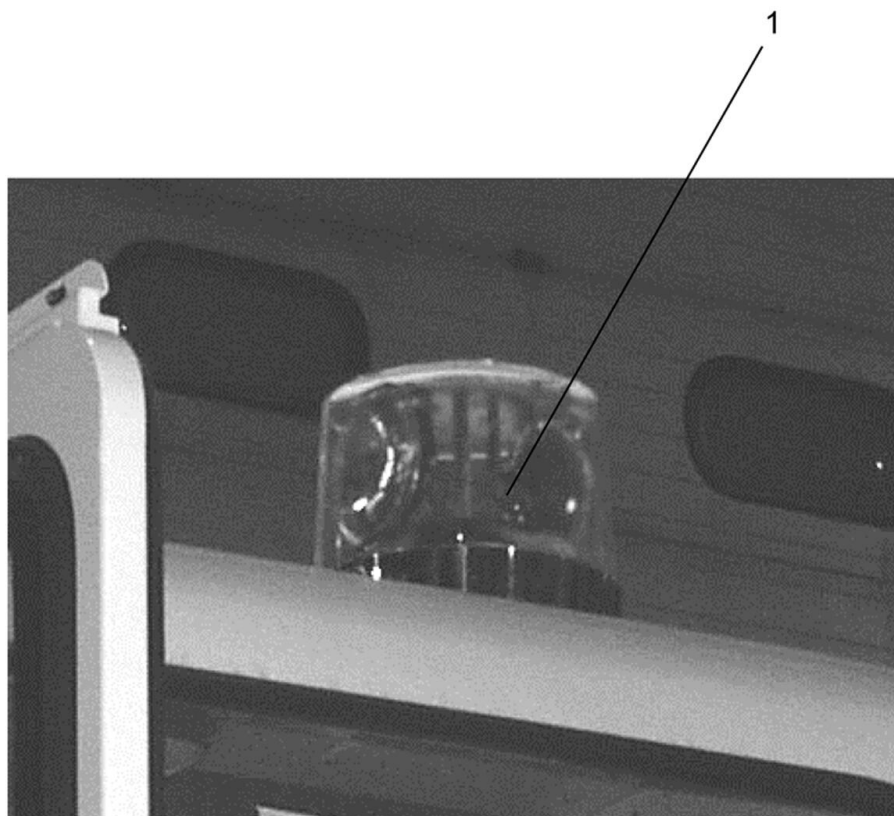


<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719A0942 (Rev. 00)	<i>Strobe Light, Yellow</i>	
1*	1223-1026	Switch, Beacon	1
2	420 4974	Light, Strobe	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	STROBE LIGHT, YELLOW	DATE: Released 04-2017	CHAPTER 3
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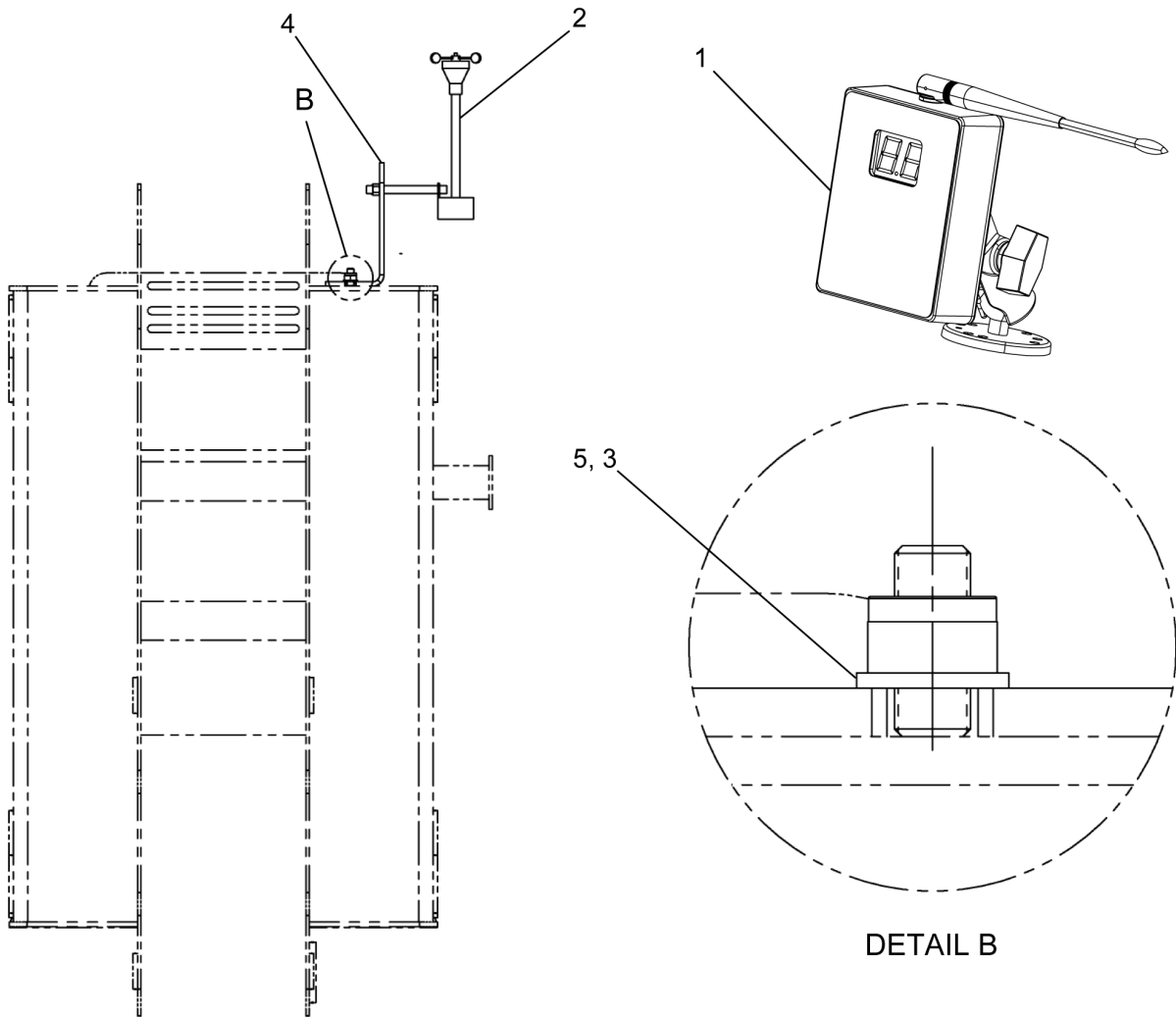


<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	719A0915 (Rev. 00)	<i>Revolving Amber Light</i>	
1	1223-505	Light, Amber	1
2*	1223-1026	Switch, Beacon	1

* ITEM NOT SHOWN IN ILLUSTRATION

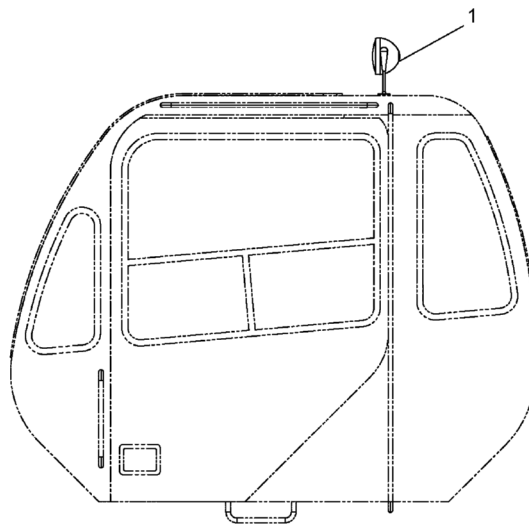
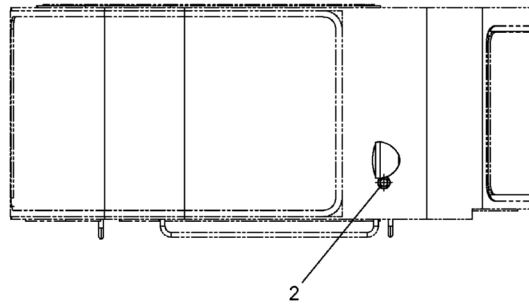
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	REVOLVING AMBER LIGHT	DATE: Released 04-2017	CHAPTER 3
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REF	PART NO.	DESCRIPTION	QTY
	T103540 (Rev. C)	Wind Speed Sensor	
1	714-1695	Wind Speed Display	1
2	714-1696	Wind Speed Sensor	1
3	NYM-10CM000-Y8	NUT, NYL-INS M10-1.5, ST SQC G8	2
4	T128170	Mounting Bracket	1
5	WMF-010X000-20	WSH, Flat M10 DIN125, ST SQC	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	707A5736 (Rev. A)	360° Spotlight	
1	707 5460	Spotlight BALKAMP 7301506	1
2	SL3-190XA00-20	Screw, Sheet Metal #10-12, STZ	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



360° SPOTLIGHT

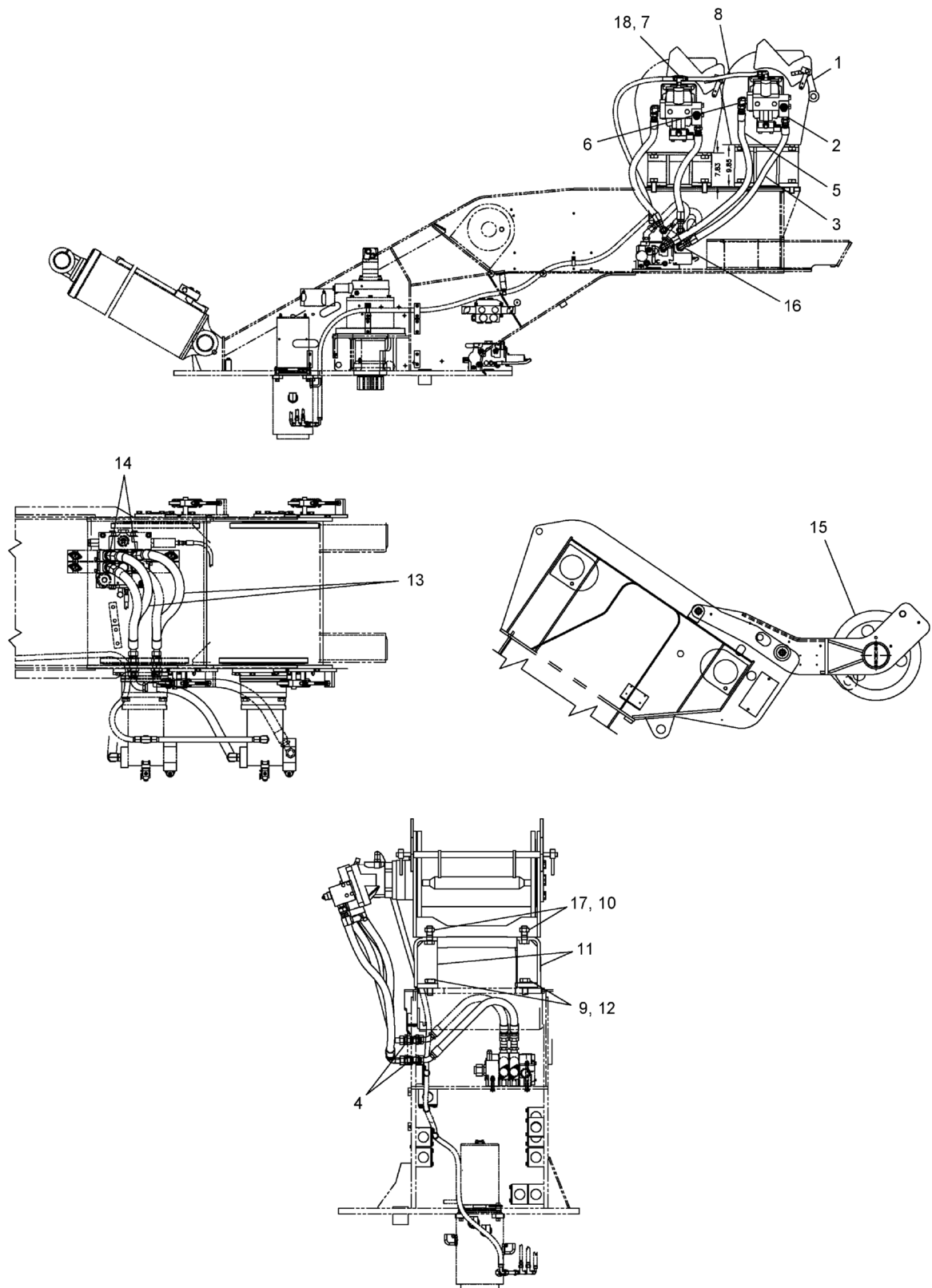
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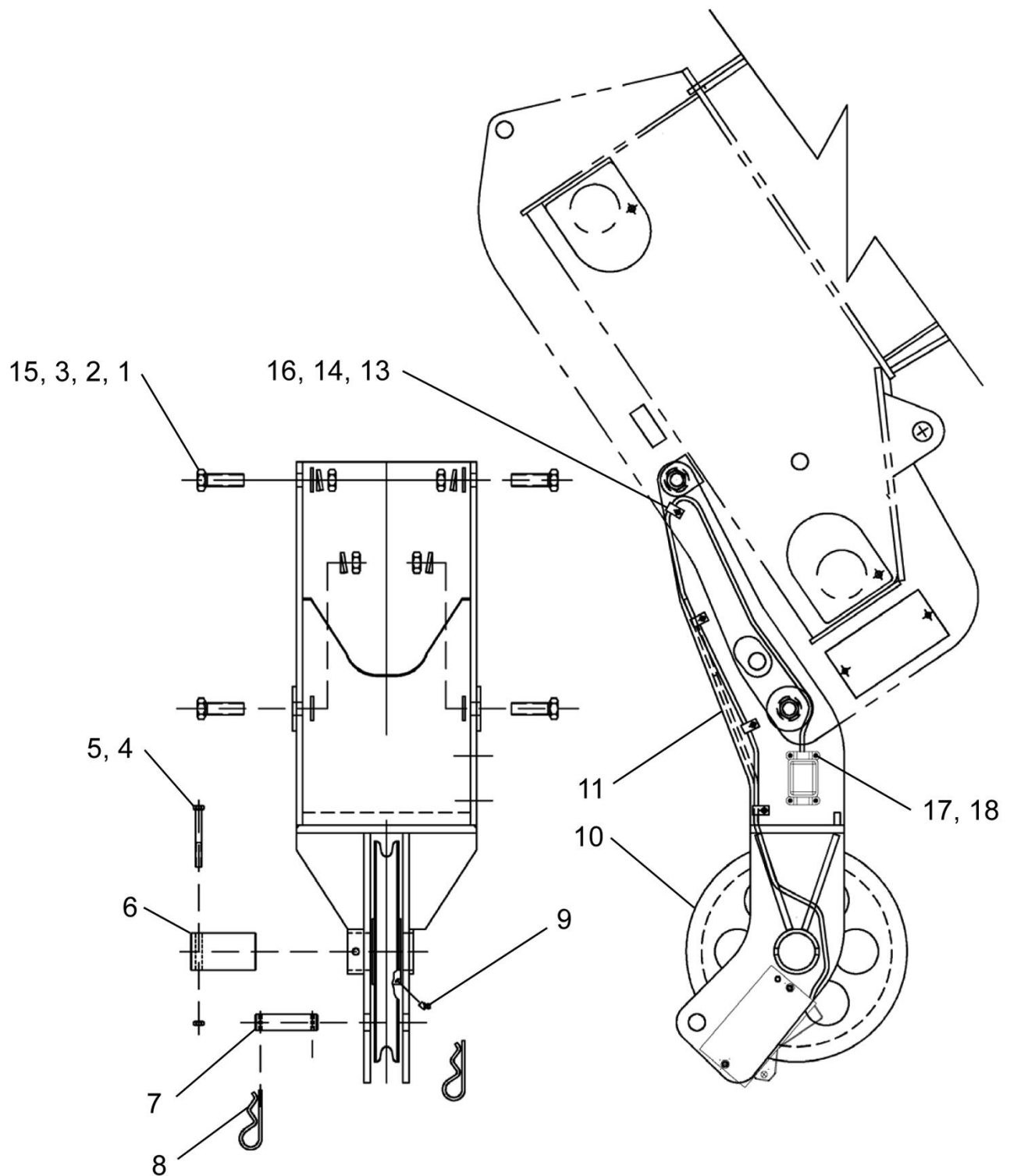


WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	723A0009 (Rev. J)	<i>Auxiliary Winch Assembly</i>	
1	717-1155	Winch Assembly (Braden) (see page 139)	1
2	1219-556	Adapter, MJIC-16/MORB-12	1
3	723-0054-43	Hose, ASSY 1.00 I.D.	1
4	1219-917	Bulkhead Fitting, STR, -16	2
5	707-4100-44	Hose, ASSY 1.00 I.D.	1
6	12019-193	Elbow, 90-MJIC-16/MORB-12	1
7	12019-464	Tee, Branch	1
8	707 4094-21	Hose, -10	1
9	S01-A12CB50-Y8	SCR, HHCS, 1.125-7 X 2.50, ST SQC G8	4
10	NYL-A12C000-Y8	Nut, HEX NYL-INS 1.125-7, ST SQC G8	4
11	709F6596	Spacer, AUX Winch	2
12	W08-A12X000-P0	WSH LCK HVY-SPLT 1.125, STL	4
13	707 4097-29	Hose, -16	2
14	12019-303	Adapter, 45°, -16	2
15	709A8019	Auxiliary Sheave ASSY (see page 320)	1
16	1219-957	Elbow, 90, MJIC-16/FJIC-16SW	1
17	S01-A12CC50-Y8	SCR, HHCS, 1.125-7 X 3.50, ST SQC G8	4
18	1219-810	Adapter	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	AUXILIARY WINCH ASSEMBLY	DATE: Revised 03-2019	CHAPTER 3
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



AUXILIARY SHEAVE ASSEMBLY

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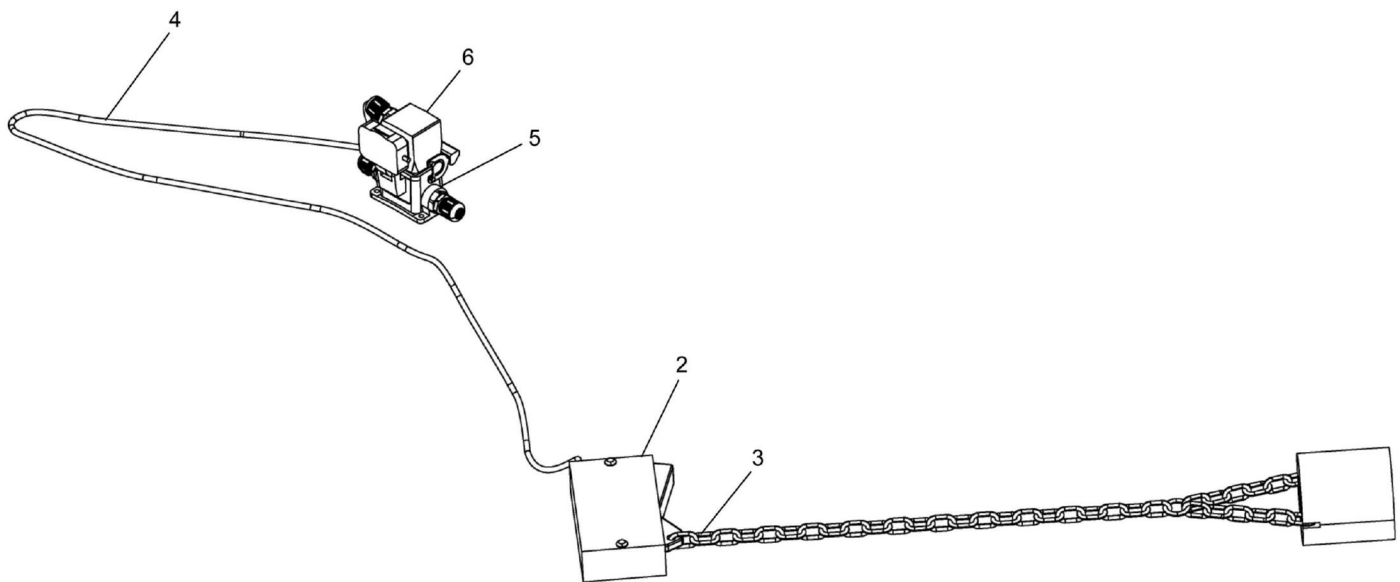
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	709A8019 (Rev. G)	<i>Auxiliary Sheave ASSY</i>	
1	WAN-75NX000-20	WSH, FL TYPA-NRW 0.75, ST SQC	4
2	S01-750CB25-25	SCR, HHCS 0.75-10 X 2.25, ST SQC G5	4
3	W07-750X000-20	WSH, LCK, MED SPLT 0.75, ST SQC	4
4	S01-375CC50-25	SCR, HHCS 0.375-16 X 3.50, ST SQC G5	1
5	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST SQC G5	1
6	65344	Shaft	1
7	718-0323	Pin	1
8	PHP-178XC75-20	Pin, CTRHAIR 0.178 X 3.75 X 1.03, ST SQC	2
9	1213-3	Grease FTG, Zerk 0.125NPT 45°	1
10	A38933	Sheave (see page 80)	1
11	709F7946	Bracket	1
12*	706A8816	Anti-Two, AUX. Sheave (see page 322)	1
13	SHF-250C500-25	SCR, HHCS FT 0.25-20 X 0.50, ST SQC G5	5
14	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST SQC	5
15	WAN-75NX000-20	WSH, FL TYPA-NRW 0.75, ST SQC	4
16	MK765	Clamp	5
17	S41-508M016-20	SCR, CREC RNDMS M5 X 0.8 X 16, ST SQC	4
18	W08-190X000-P0	WSH, LCK, HVY SPLT 10, STL	4

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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REF	PART NO.	DESCRIPTION	QTY
	706A8816 (Rev. A)	Anti-Two, AUX. Sheave	
1*	708-2982	Pad 1X1X1/4	1
2	709-7821	Switch	1
3	717-0882	Counterweight, W/Chain	1
4	T116674	Cable	1
5	T127374	Base, Weidmuller	1
6	T127379	Hood, Weidmuller	1

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



ANTI-TWO AUX SHEAVE

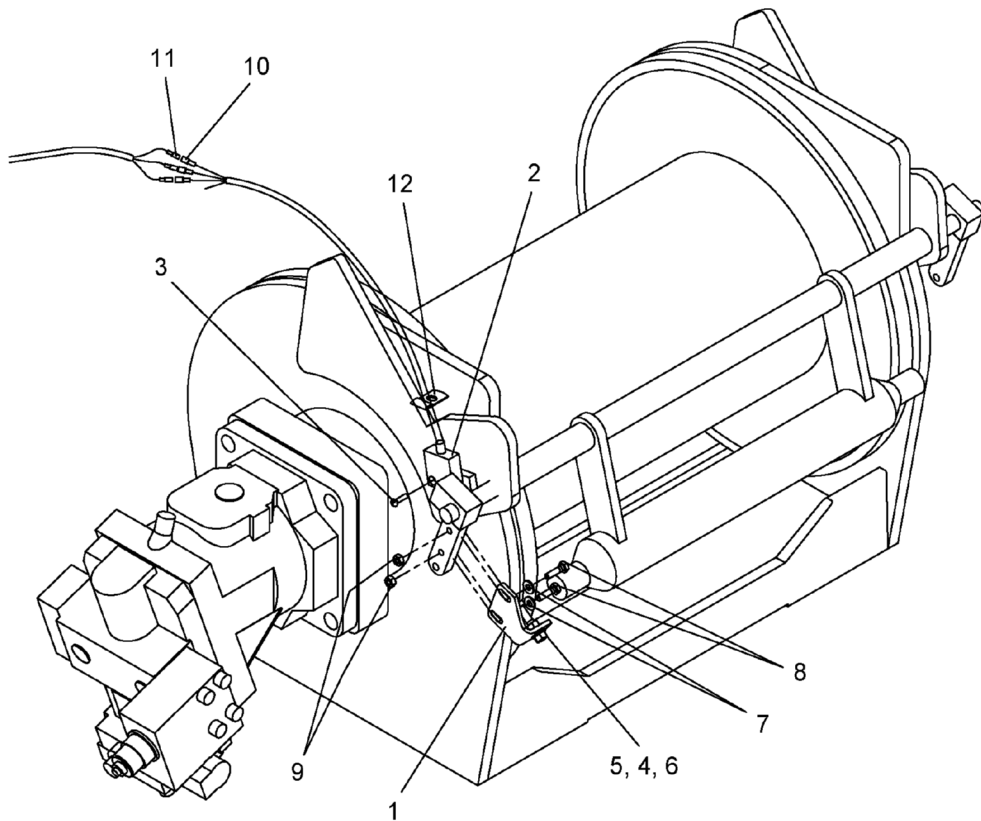
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



3RD WRAP INDICATOR (MAIN/AUX WINCH)

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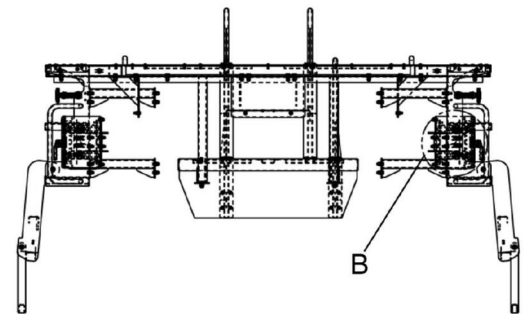
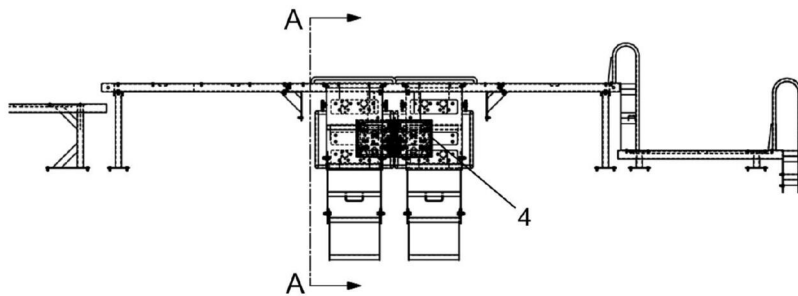
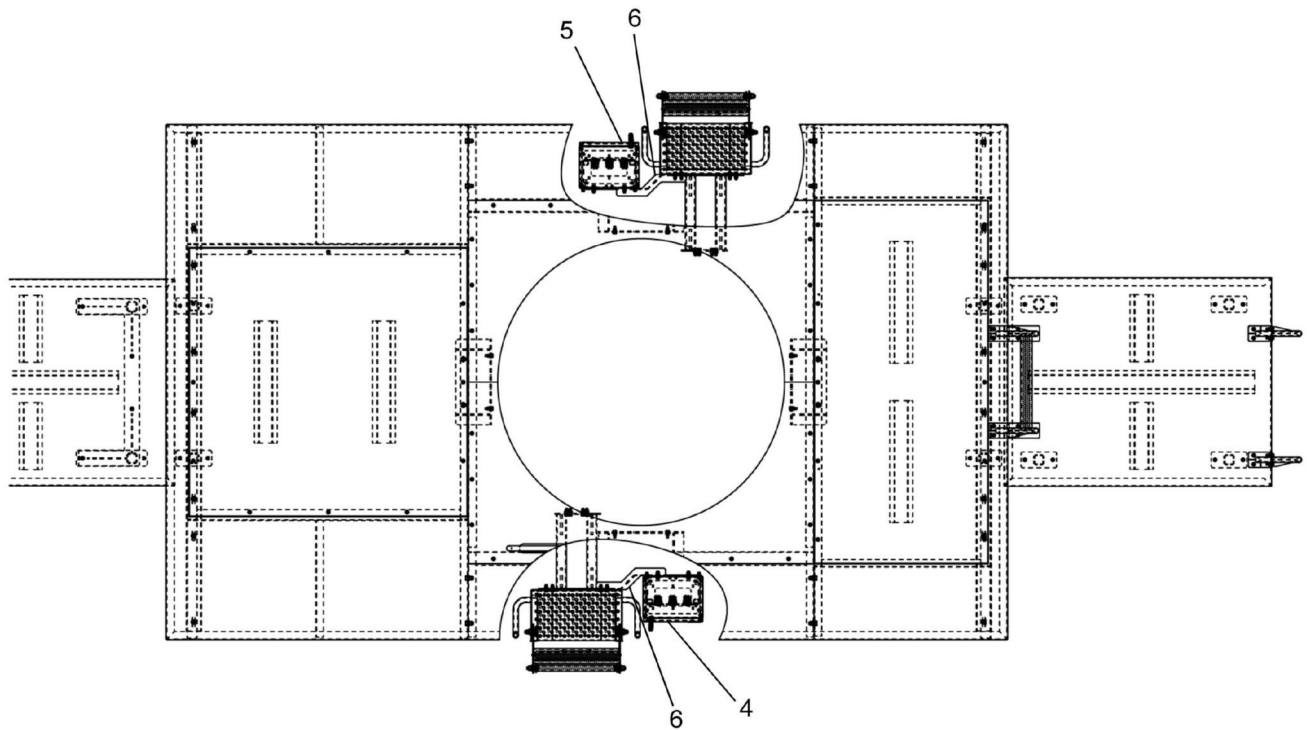
CHAPTER

3

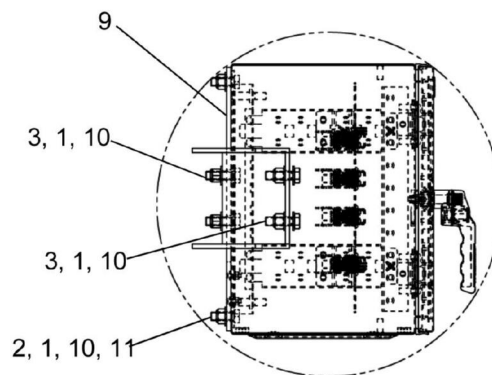
<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	717A1180 (Rev. D)	<i>3RD Wrap Indicator</i>	
1	712-0347	Bracket	1
2	442-2201	Switch	1
3	SL4-190C750-20	SCR, SLT RND MS 10-24 X 0.750, ST SQC	2
4	WAW-31WX000-20	WSH, FL TYP A-WID 0.3125, ST SQC	2
5	N04-312C000-25	Nut, HEX 0.3125-18, ST SQC G5	2
6	S01-312CA75-25	SCR, HHCS 0.3125-18 X 1.75, ST SQC G5	1
7	WAW-25WX000-20	WSH, FL TYP A-WID 0.25, ST SQC	2
8	SHF-250CA50-25	SCR, HHCS FT 0.25-20 X 1.50, ST SQC G5	2
9	NYL-250C000-25	Nut, HEX NYL-INS 0.25-20, ST SQC G5	2
10	1223-940	Terminal, Female	3
11	1223-941	Terminal, Male	3
12	200B2007-3	P-Clamp	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	3RD WRAP INDICATOR (MAIN/AUX WINCH)	DATE: Revised 03-2019	CHAPTER 3
		MODEL: 60-110	
		PAGE: 324	



SECTION A - A



DETAIL B

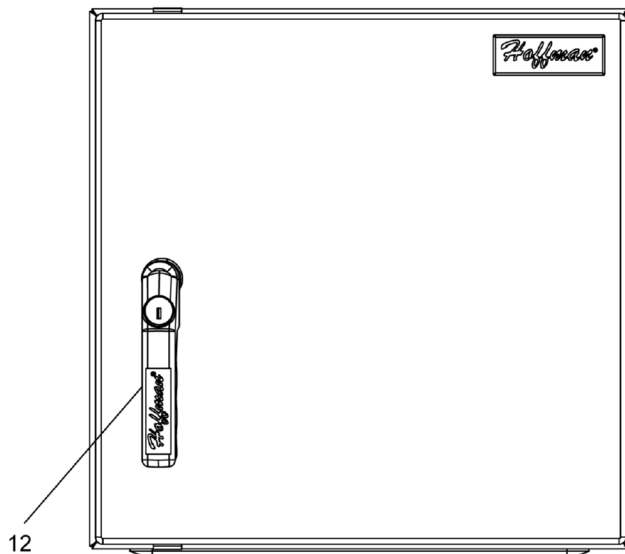
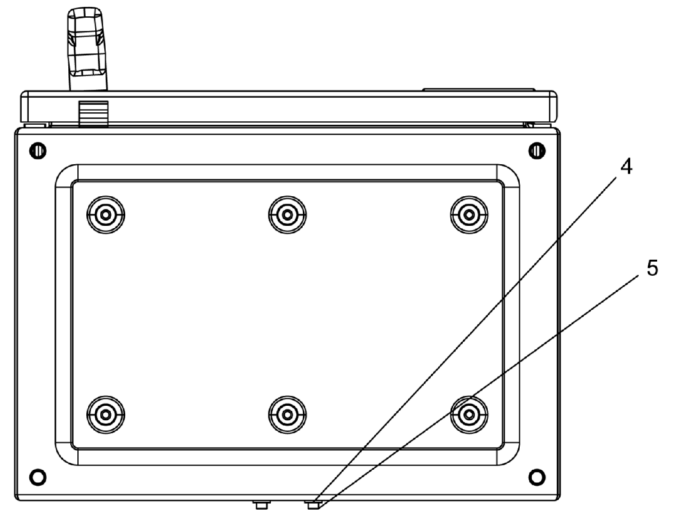
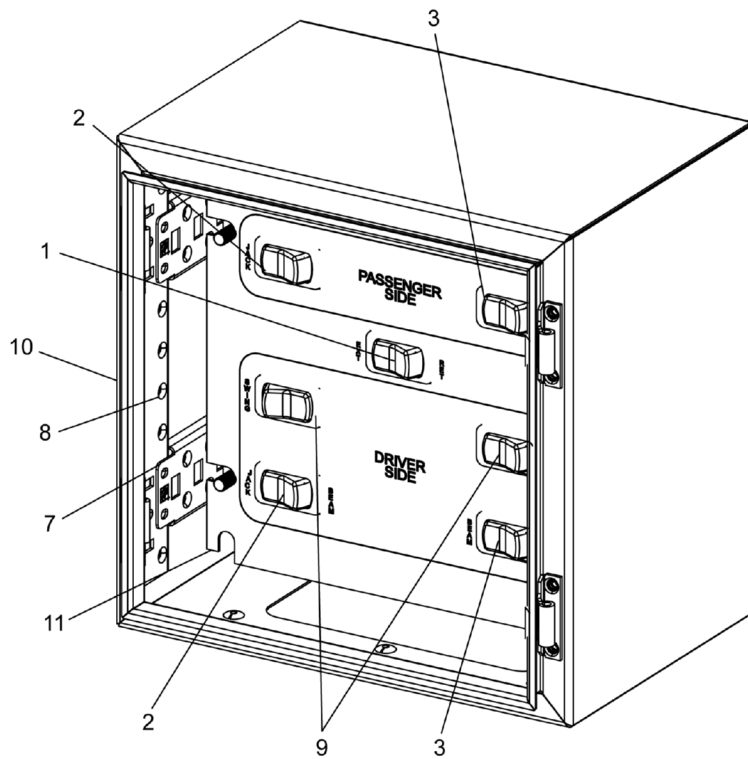
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T123190 (Rev. B)	<i>Control Box Installation</i>	
1	NYL-375C000-Y8	Nut, HX NYL-INS 0.375-16, ST YZ G8	24
2	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST SQC G5	8
3	SHF-375CA25-25	SCR, HHCS FT 0.375-16 X 1.25, STZ G5	16
4	T108857	Ground-Level O/R Control ASSY-LH (see page 327)	1
5	T109358	Ground-Level O/R Control ASSY-RH (see page 329)	1
6	T122096	Support, Control Box	2
7*	T123504	Handrail Assembly, Rear LH	1
8*	T123505	Handrail Assembly, Rear RH	1
9	T123763	Plate, Support	2
10	WAH-37NX000-Y2	WSH, FL HRD A-NRW 0.375, ST YZ	40
11	WAW-37WX000-20	WSH, FL TYP A-WID 0.375, ST SQC	8

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	GROUND LEVEL OUTRIGGER CONTROLS	DATE: Released 04-2017	CHAPTER 3
		MODEL: 60-110	
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



GROUND-LEVEL OUTRIGGER CONTROL ASSEMBLY-LH

DATE: Revised 04-2018

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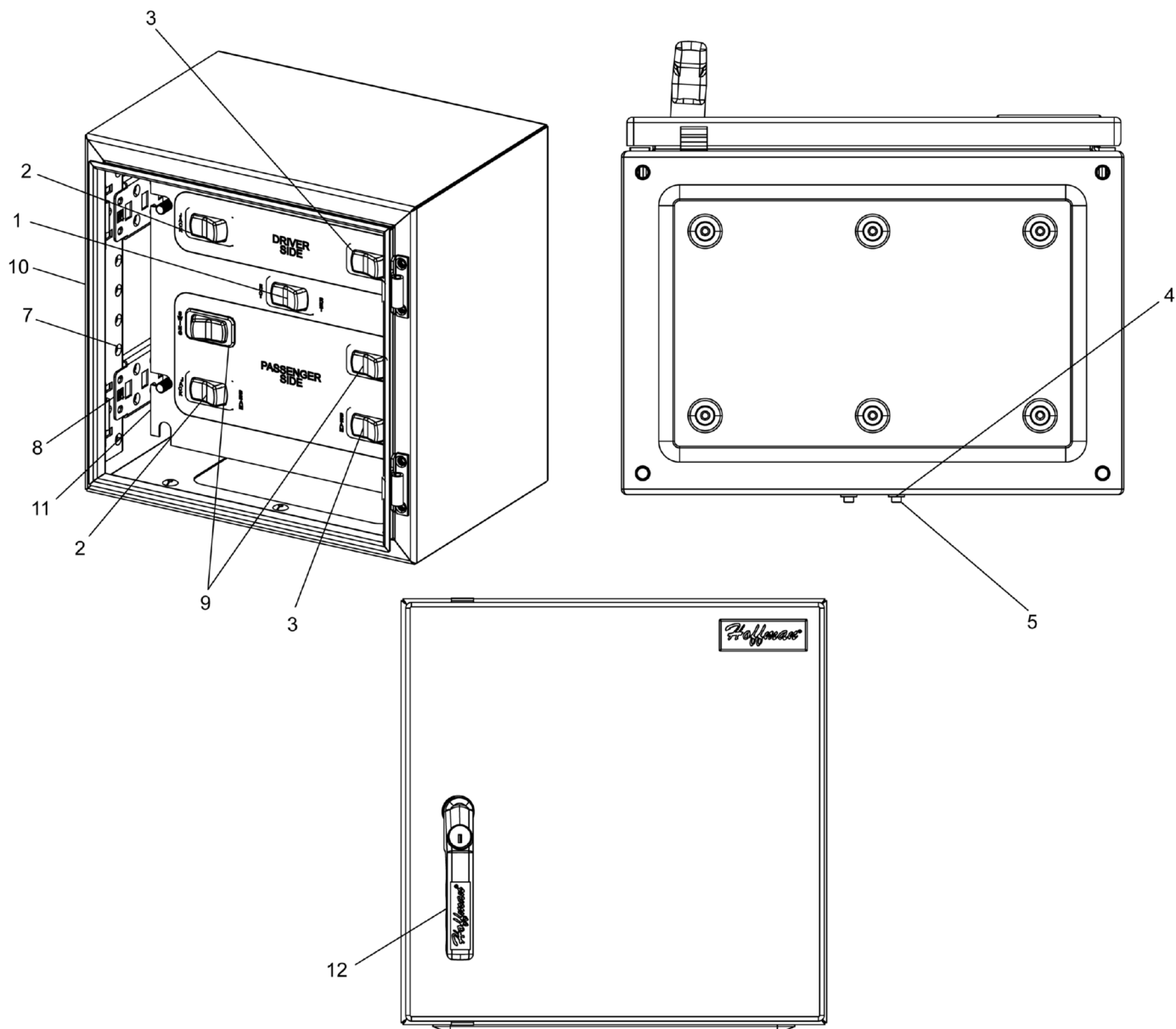
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T108857 (Rev. D)	<i>Ground-Level O/R Control ASSY-LH</i>	
1	1223-996	Switch, Extend/Retract Rocker	1
2	1223-997	SW Rocker Outrigger	2
3	1223-998	SW Rocker Outrigger	2
4	NYL-138C000-22	Nut, HEX NYL-INS 06-32, ST Z G2	4
5	S14-138C500-H2	SCR, SHCS 06-32 X 0.50, ST Z	4
6*	T108856	Harness, LH Side O.R. Control	1
7	T108858	Mounting Rail ASSY-FRT & Rear	1
8	T108859	Accessory Rail - Side	1
9	T109503	SW Rocker Outrigger Swing, FR	2
10	T112776	Box, Outrigger Control	1
11	T112840	Decal, Outrigger Control Box-LH	1
12	T121397	Handle, Control Box	1
13*	WAR-138X000-22	WSH, FL TYP A-REG 06, ST Z	8

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	GROUND-LEVEL OUTRIGGER CONTROL ASSEMBLY-LH	DATE: Revised 04-2018	CHAPTER 3
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



GROUND-LEVEL OUTRIGGER CONTROL ASSEMBLY-RH

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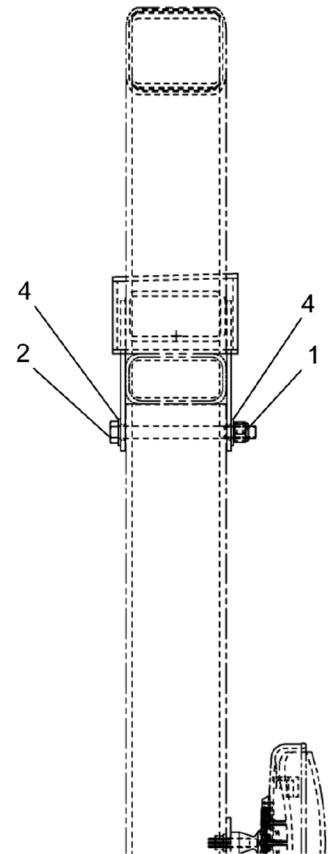
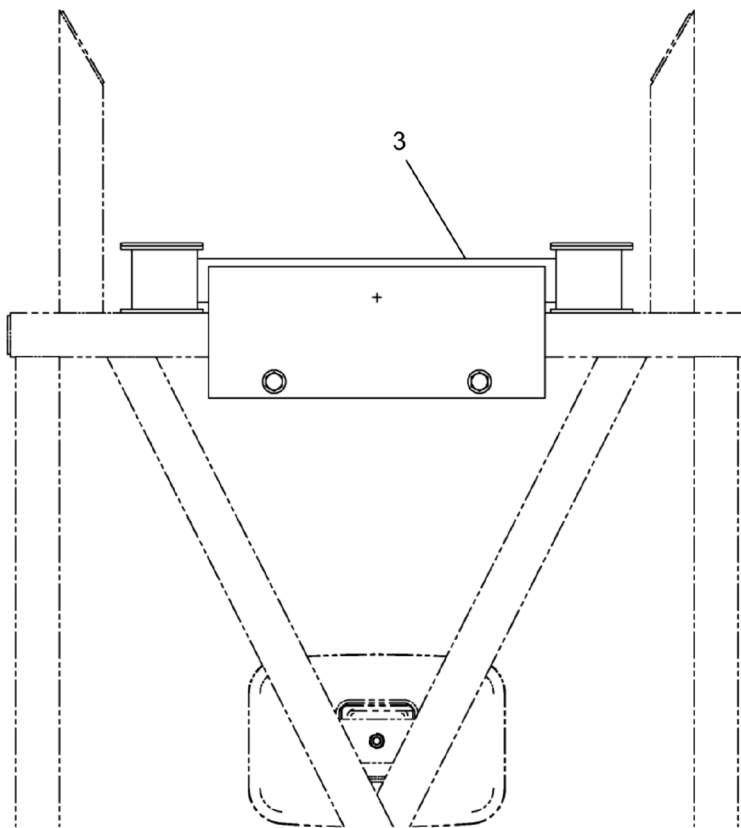
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T109358 (Rev. E)	<i>Ground-Level O/R Control ASSY-RH</i>	
1	1223-996	Switch, Extend/Retract Rocker	1
2	1223-997	SW Rocker Outrigger	2
3	1223-998	SW Rocker Outrigger	2
4	NYL-138C000-22	Nut, HEX NYL-INS 06-32, ST Z G2	4
5	S14-138C500-H2	SCR, SHCS 06-32 X 0.50, ST Z	4
6*	T108845	Harness, RH Side O.R. Control	1
7	T108858	Mounting Rail ASSY-FRT & Rear	1
8	T108859	Accessory Rail - Side	1
9	T109503	SW Rocker Outrigger Swing, FR	2
10	T112776	Box, Outrigger Control	1
11	T118232	Decal, Outrigger Control Box-RH	1
12	T121397	Handle, Control Box.	1
13*	WAR-138X000-22	WSH, FL TYP A-REG 06, ST Z	8

* ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	GROUND-LEVEL OUTRIGGER CONTROL ASSEMBLY-RH	DATE: Revised 04-2018	CHAPTER 3
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REF	PART NO.	DESCRIPTION	QTY
	T119856 (Rev. B)	<i>Boom Rest Spacer INSTL</i>	
1	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	2
2	S01-500CE50-25	SCR, HHCS 0.500-13 X 5.50 ST SQC G5	2
3	T122369	Boom Spacer WLDMT	1
4	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ.....	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



BOOM REST SPACER INSTALLATION

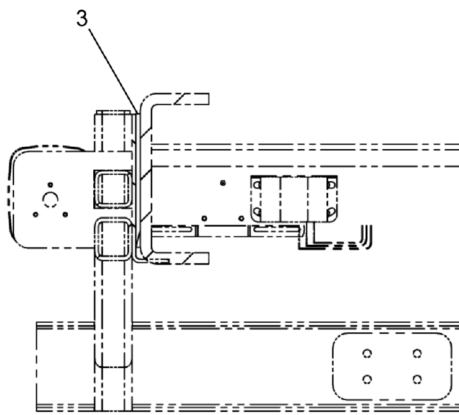
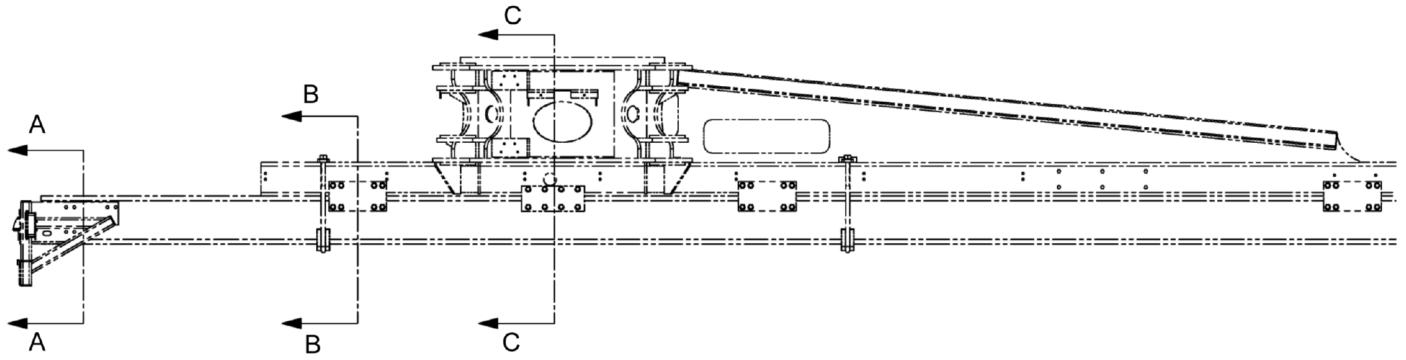
DATE: Released 04-2017

MODEL: 60-110

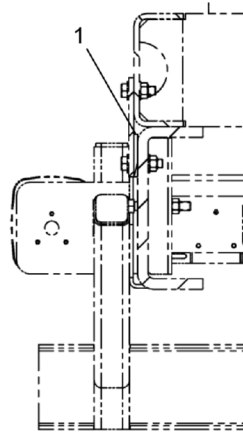
PAGE: 331

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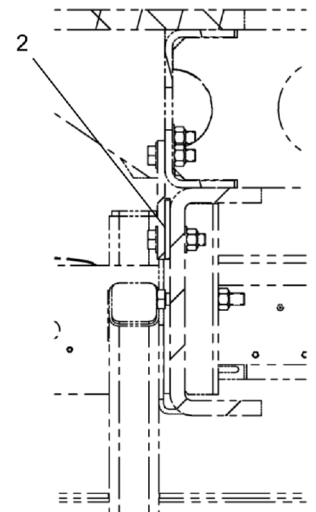
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SECTION A-A



SECTION B-B



SECTION C-C

REF	PART NO.	DESCRIPTION	QTY
	T121343 (Rev. A)	Installation Kit, Narrow Frame	
1	T120322	Plate, Spacer	6
2	T120323	Plate, Spacer	2
3	T120892	Spacer Plate, Rear Bumper	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



INSTALLATION KIT, NARROW FRAME

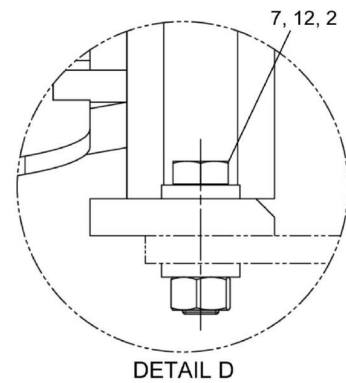
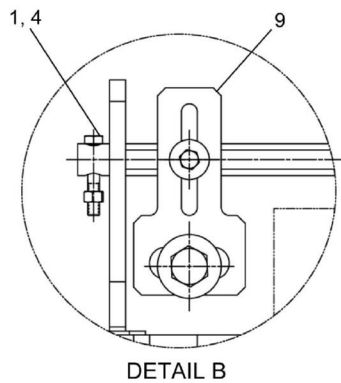
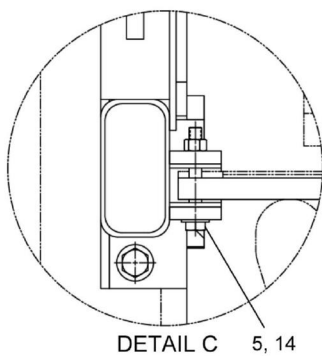
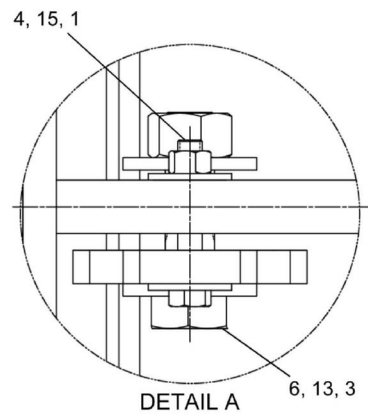
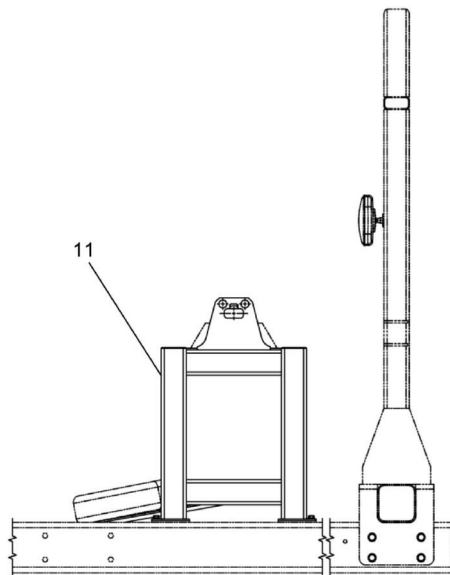
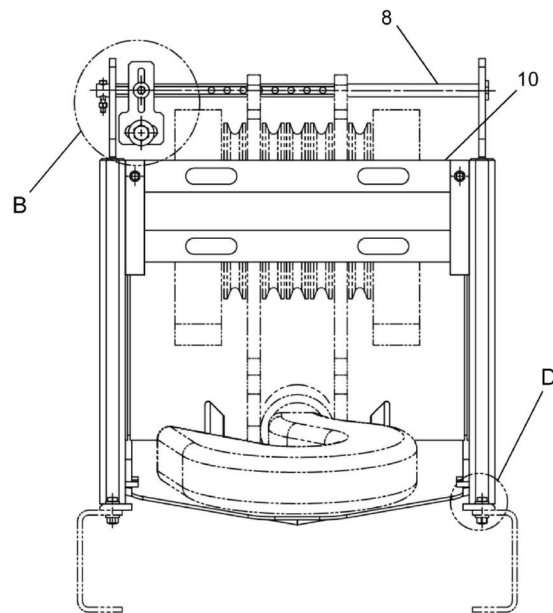
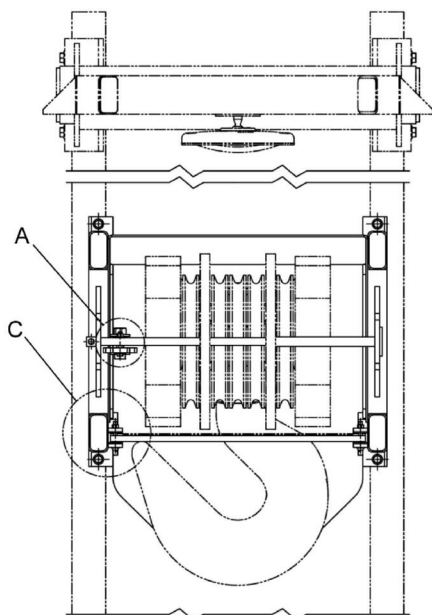
DATE: Released 04-2017

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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK STORAGE INSTALLATION

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T127033 (Rev. A)	<i>Hook Block INSTL</i>	
1	N04-375C000-25	Nut, HEX 0.375-16, ST SQC G5	2
2	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	4
3	N04-750C000-Y8	Nut, HEX 0.75-10, ST YZ GR8	1
4	S01-375CB25-25	SCR, HHCS 0.375-16 X 2.25, ST SQC G5	2
5	S01-375CB75-25	SCR, HHCS 0.375-16 X 2.75, ST SQC G5	2
6	S01-750CB25-Y8	SCR, HHCS 0.75-10 X 2.25, ST SQC G8	1
7	SHF-500CA75-25	SCR, HHCS FT 0.50-13 X 1.75, ST Z G5	4
8	T126864	Rod ASSY	1
9	T126867	Plate	1
10	T126919	Plate ASSY	1
11	T126957	BT 45/60 Hook Block Weldment	1
12	WAJ-500X000-Y2	WSH, FL HRD A-REG 0.50, ST YZ	8
13	WAJ-750X000-Y2	WSH, FL HRD A-REG 0.75, ST YZ	2
14	WAN-37NX000-20	WSH, FL TYP A-NRW 0.375, ST SQC	2
15	WBW-37WXA25-20	WSH, FL TYPB-WID 0.375, ST Z	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOOK BLOCK STORAGE INSTALLATION

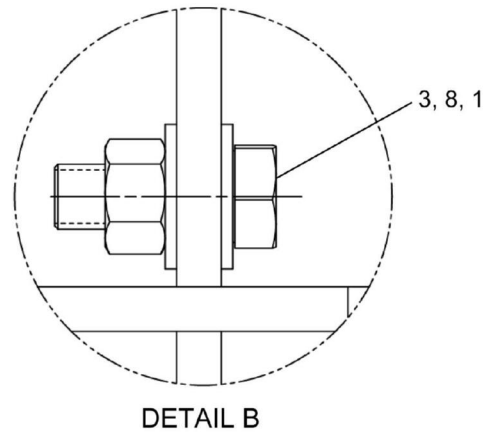
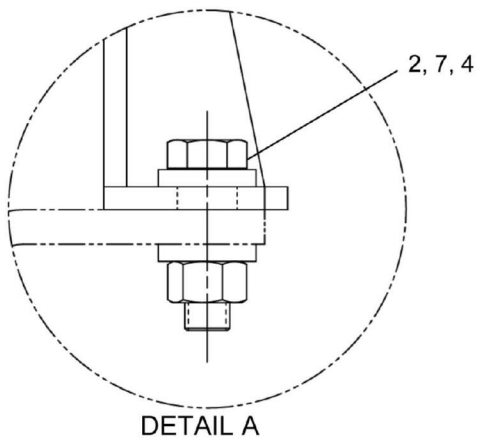
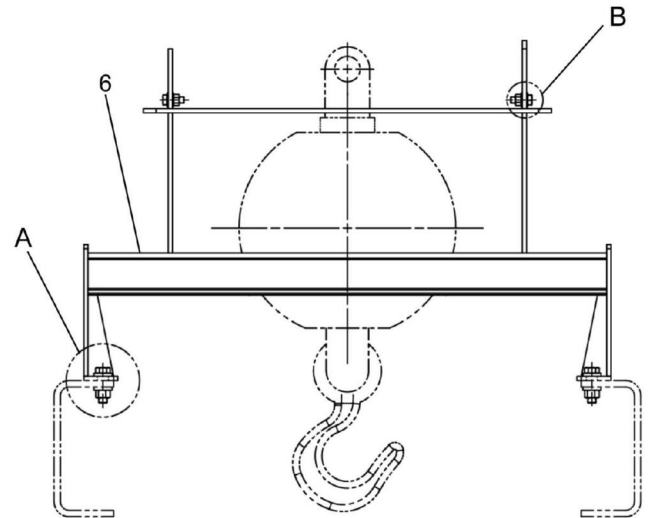
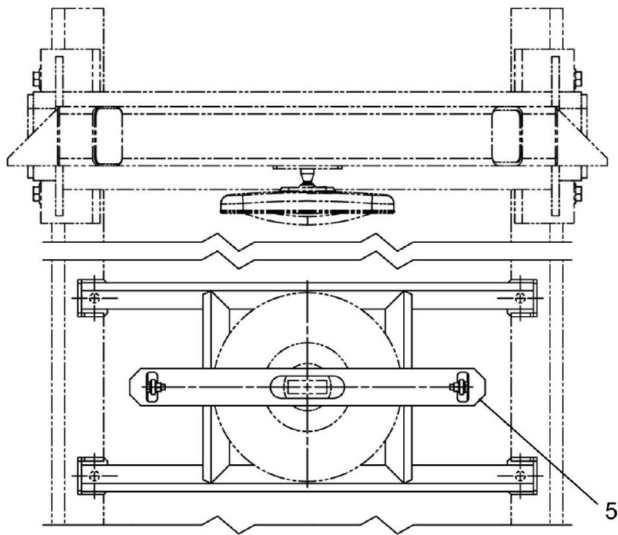
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OVERHAUL BALL STORAGE INSTALLATION

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T127034 (Rev. A)	<i>Ball MTG INSTL</i>	
1	N04-375C000-25	Nut, HEX 0.375-16, ST SQC G5	2
2	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	4
3	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST SQC G5	2
4	SHF-500CA75-25	SCR, HHCS FT 0.50-13 X 1.75, ST Z G5	4
5	T126963	Plate	1
6	T126969	BT 45/60 Ball MTG Weldment	1
7	WAJ-500X000-Y2	WSH, FL HRD A-REG 0.50, ST YZ	8
8	WAN-37NX000-20	WSH, FL TYP A-NRW 0.375, ST SQC	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OVERHAUL BALL STORAGE INSTALLATION

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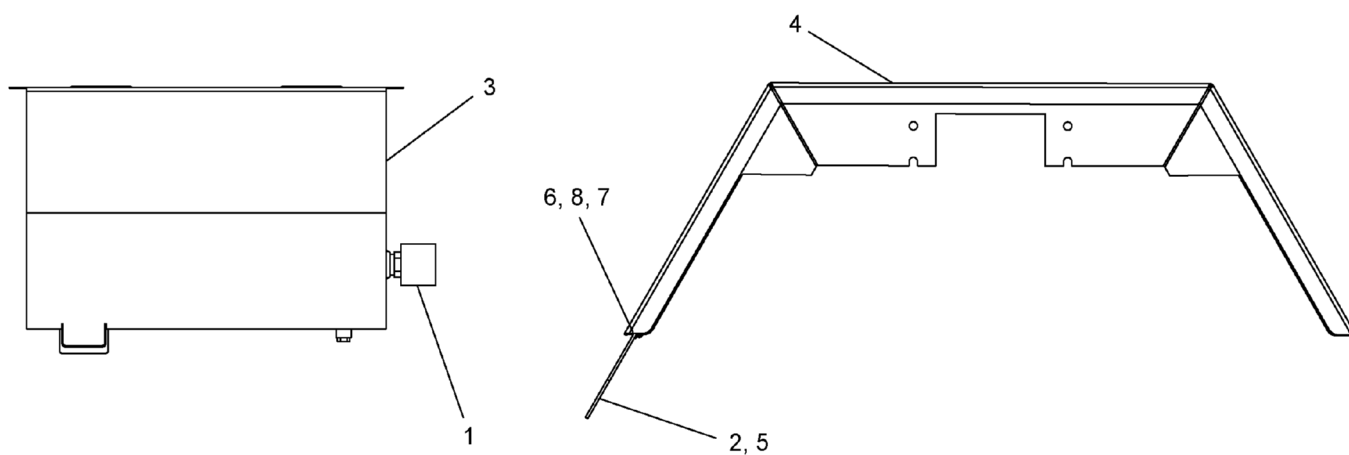
CHAPTER

3

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	XO 6000-COLD START* (Rev. 00) <i>Cold Start Options</i>		
1	A38556	Immersion Heater Installation (see page 338)	1
2	T119683	Low TEMP Fluid Package	1
2.1	T117487	Oil, HYD, Cold Weather	200 GAL
2.2	T118484	Grease	0.13 GAL
2.3	T118485	Oil, Gear	3.3 GAL

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	COLD START OPTIONS	DATE: Revised 03-2019	CHAPTER 3
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



IMMERSION HEATER INSTALLATION

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	A38556 (Rev. D)	<i>Immersion Heater Installation</i>	
1	1223-1028	Immersion Heater (see page 340)	1
2	709-2487	Mud Guard Rework	1
3	A38556_HYD Reservoir	Hydraulic Reservoir	REF
4	A38556_Fender	Fender	REF
5	717-0586	Bar	1
6	NTP-250C000-25	Nut, HEX TPLCK 0.25-20, ST SQC G5	4
7	SHF-250C750-25	SCR, HHCS FT 0.25-20 X 0.75, ST SQC G5	4
8	WAN-25NX000-20	WSH, FL TYP A-NRW 0.25, ST SQC	4

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



IMMERSION HEATER INSTALLATION

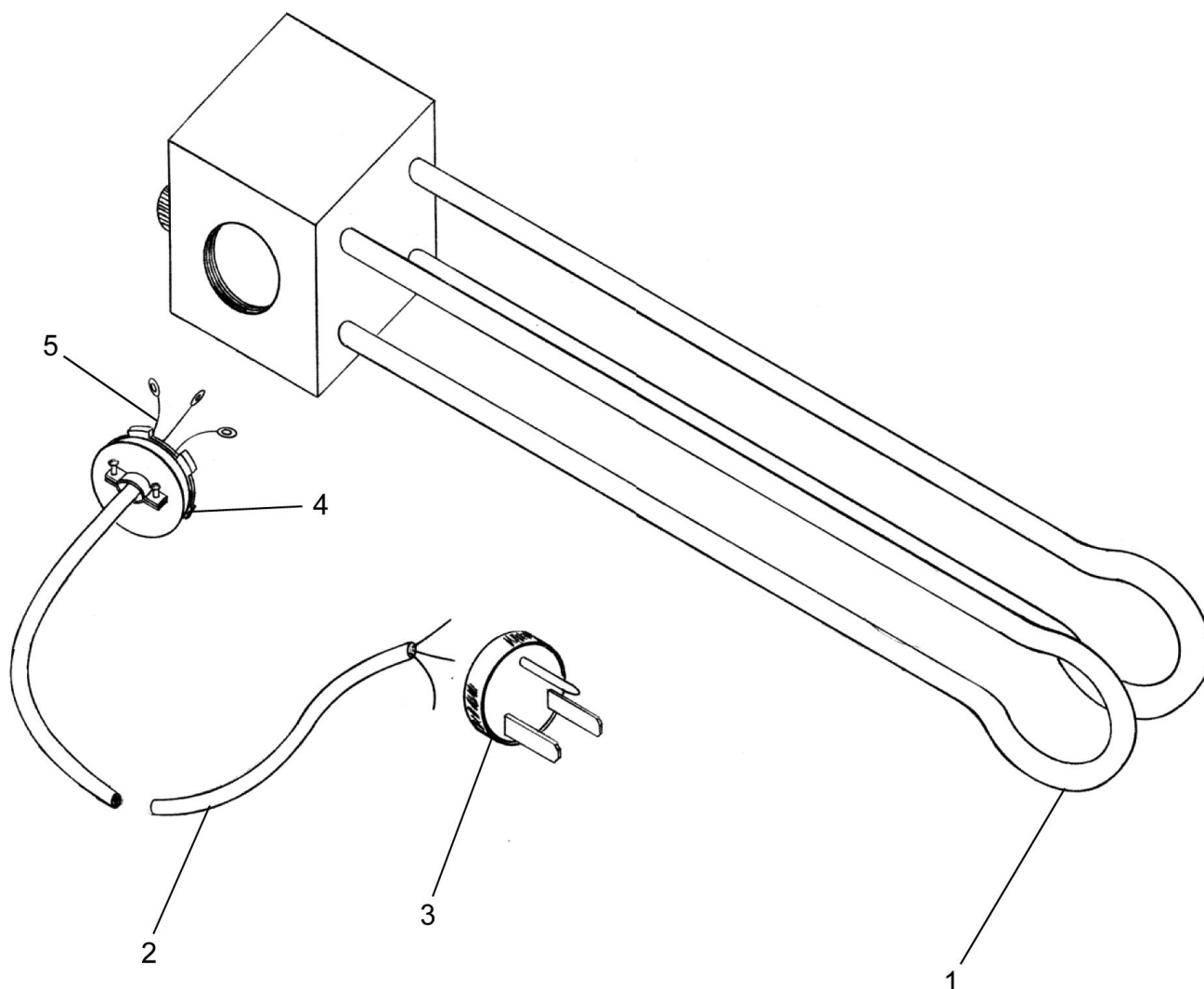
DATE: Revised 03-2019

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3



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	1223-1028 (Rev. C)	<i>Immersion Heater</i>	
1	442 0316	Immersion Heater	1
2	12239-36	Cord, 12GA. 3 Wire	1
3	1223-478	Plug	1
4	1223-819	Connector	1
5	1223-54	Terminal	3

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



IMMERSION HEATER

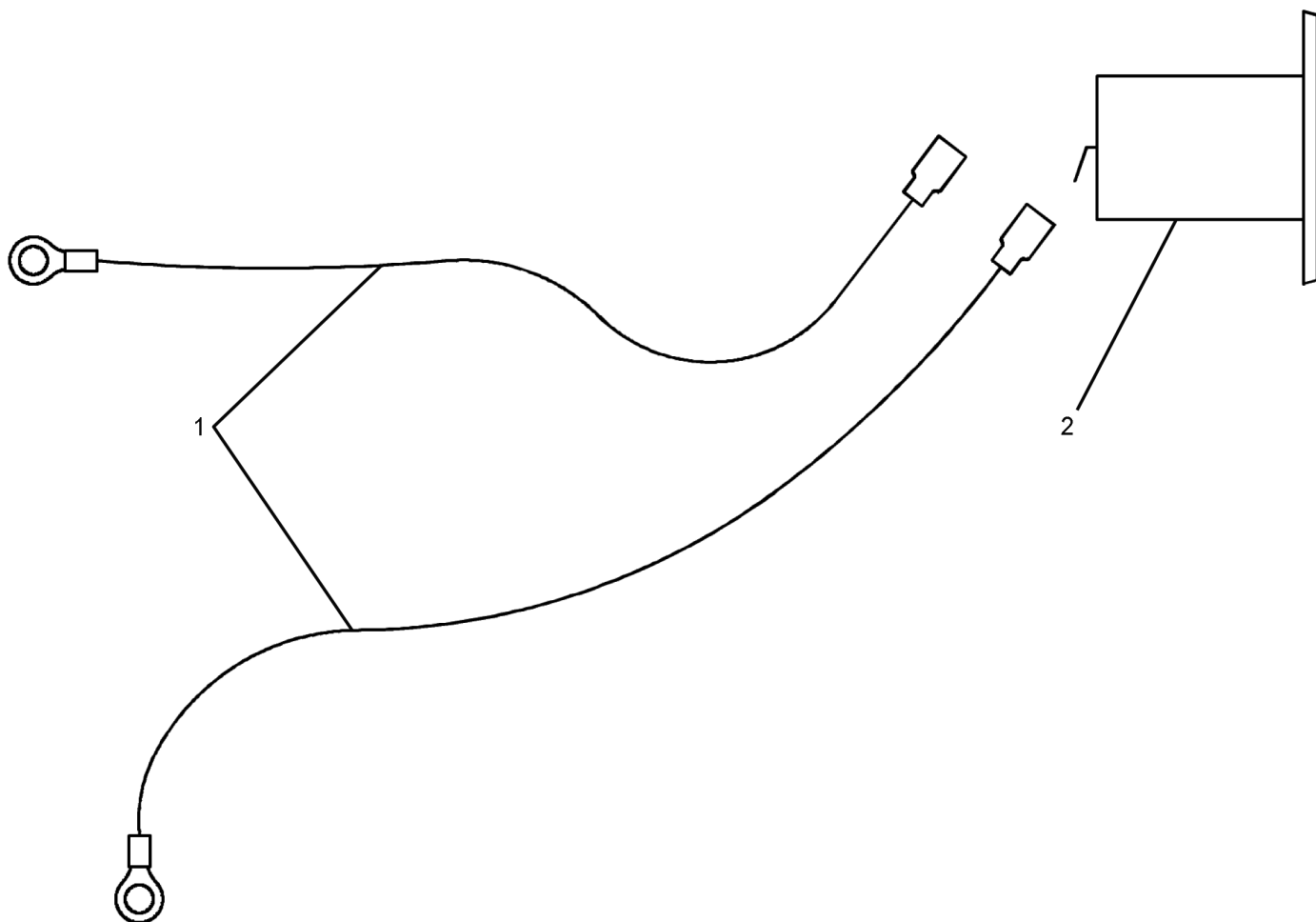
DATE: Released 10-2014

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T126275 (Rev. A)	<i>Kit, Hour Meter INSTL</i>	
1	T126316	Wire Harness	1
2	1245-162	Hour Meter	1
3*	SFS-130C750-25	Screw, HEX Flanged #10-24X.75	1
4*	T126393	Installation Instruction	Ref

* ITEM NOT SHOWN IN ILLUSTRATION.

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



HOUR METER INSTALLATION KIT

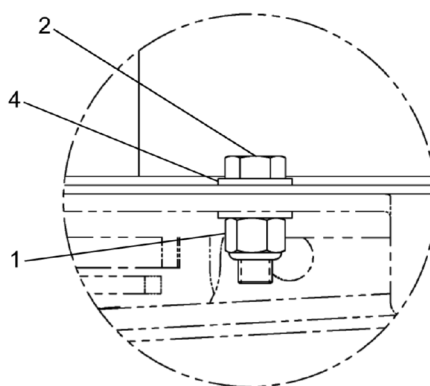
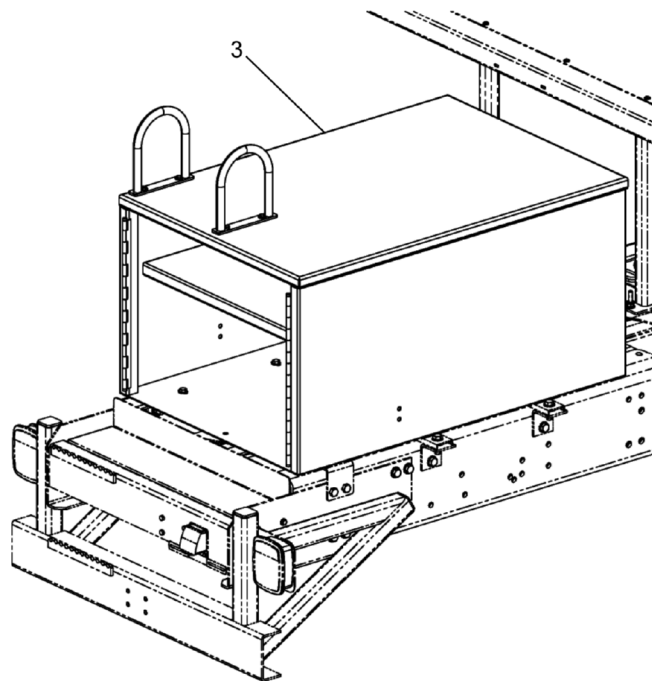
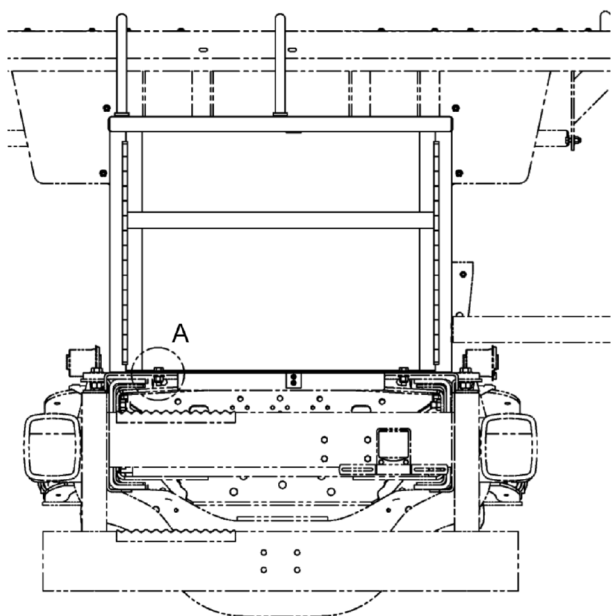
DATE: Released 08-2012

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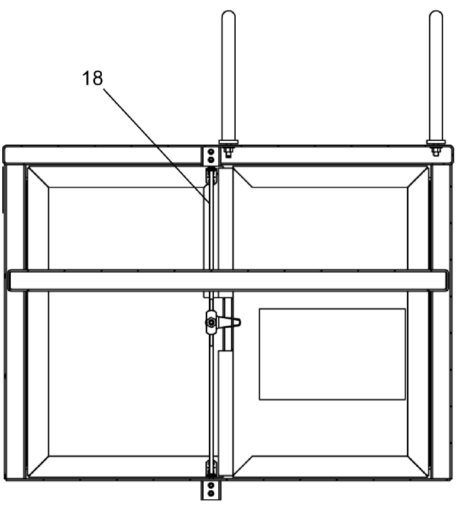
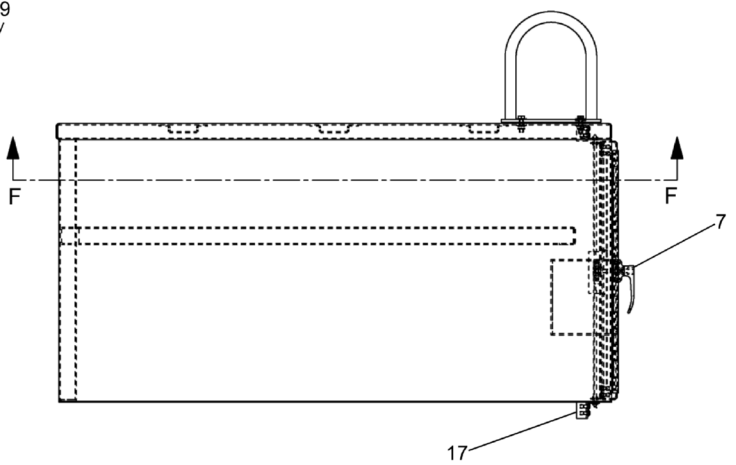
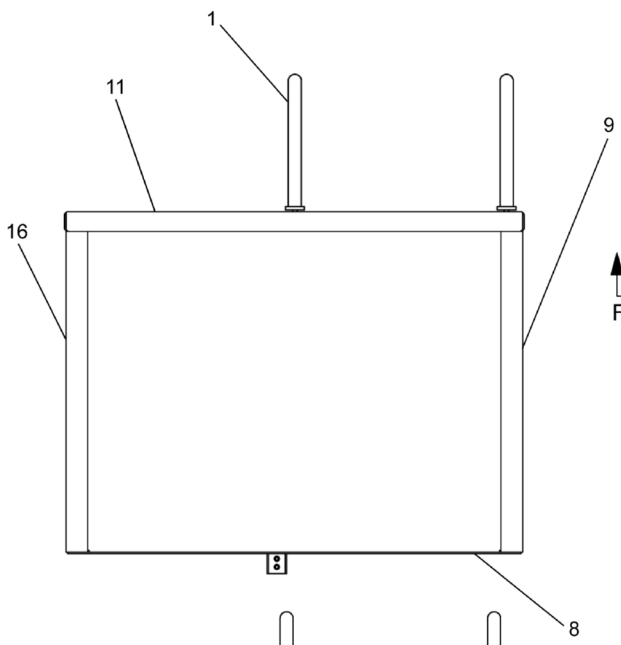
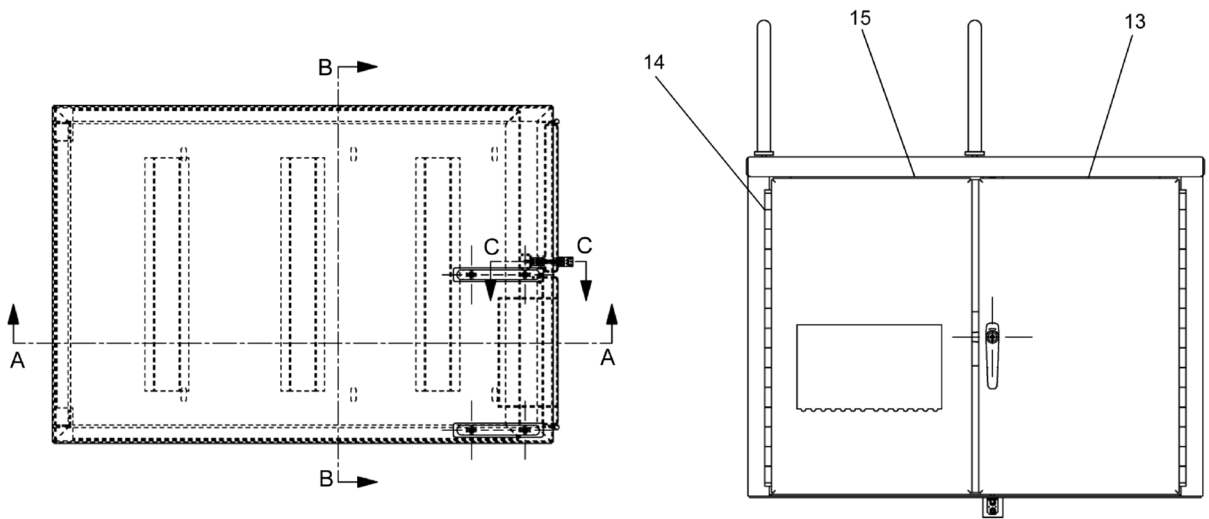
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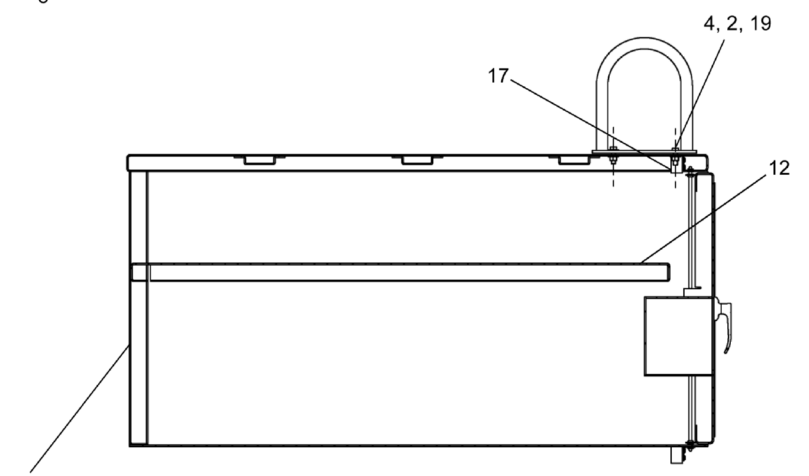
DETAIL A

REF	PART NO.	DESCRIPTION	QTY
	T119959 (Rev. A)	<i>Storage Box Option</i>	
1	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST SQC G5	6
2	S01-500CA50-25	SCR, HHCS 0.50-13 X 1.50, ST SQC G5	6
3	T113166	Storage Box ASSY (OPT) (see page 343)	1
4	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	12

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SECTION B - B



SECTION A - A

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



STORAGE BOX ASSEMBLY (OPT)

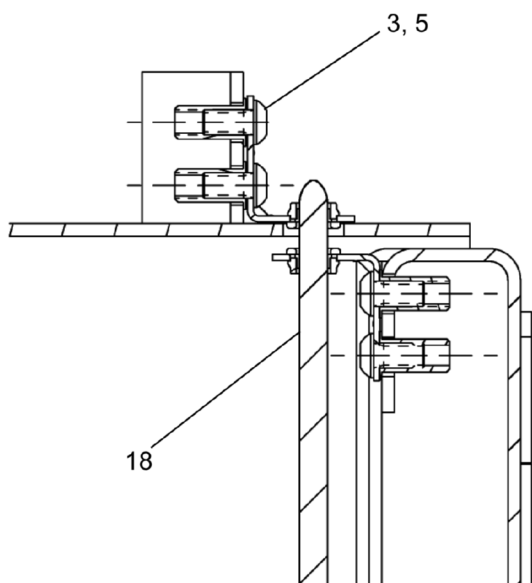
DATE: Released 09-2012

MODEL: 60-110

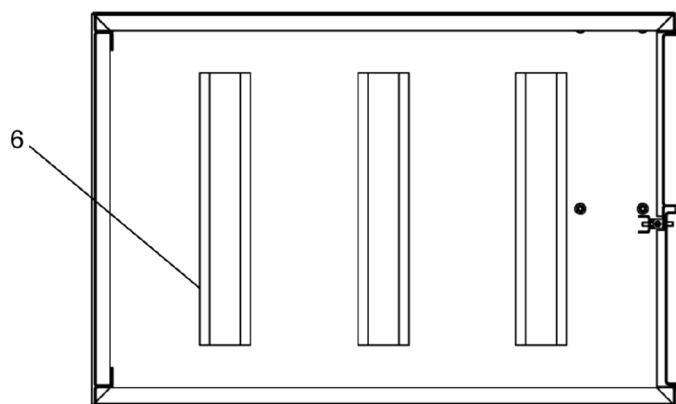
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SECTION C - C



SECTION F - F

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



STORAGE BOX ASSEMBLY (OPT)

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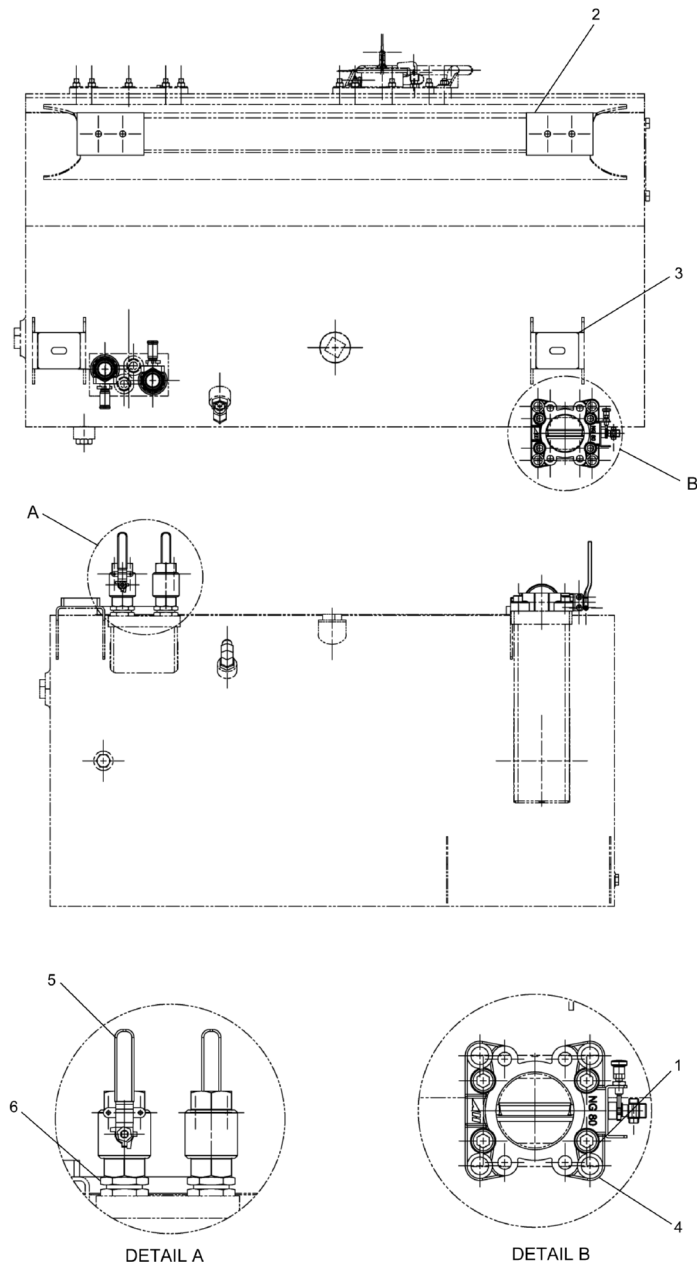
CHAPTER

3

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T113166 (Rev. C)	<i>Storage Box ASSY (OPT)</i>	
1	717-0554	Handle	2
2	N04-375C000-25	Nut, HEX 0.375-16, ST SQC G5	4
3	S18-250C500-E6	SCR, BHSHCS 0.25-20X0.50, SS 316	8
4	SHF-375CA25-25	SCR, HHCS FT 0.375-16 X 1.25, STZ G5	4
5	T113166-001	RIVNUT	8
6	T113169	Stiffner, 24 INCH	3
7	T113215	Handle	1
8	T113245	Plate, Rear Storage Box - Bottom	1
9	T113246	Plate, Rear Storage Box - Side	1
10	T113247	Plate, Rear Storage Box - Back	1
11	T113248	Plate, Rear Storage Box - Top	1
12	T113249	Plate, Rear Storage Box - Shelf	1
13	T113250	Plate, Rear Storage Box - Door	1
14	T113251	Hinge	2
15	T113252	Door ASSY, Rear Storage Box-LH	1
16	T113261	Plate, Storage Box-Side	1
17	T114116	Bracket	2
18	T114117	Latch ASSY, Rod	2
19	WAH-43NX000-Y2	WSH, FL HRD A-NRW 0.4375, ST YZ	8

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	STORAGE BOX ASSEMBLY (OPT)	DATE: Released 09-2012	CHAPTER 3
		MODEL: 60-110	
		PAGE: 345	

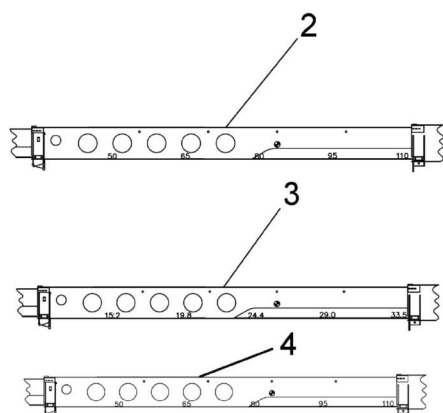


REF	PART NO.	DESCRIPTION	QTY
	T143298 (Rev. A)	<i>Shut Off option - HYD Tank</i>	
1	S14-625CA50-H2	SCR, SHCS 0.625-11X1.50, ST Z	4
2	T116359	Plate, Connect	2
3	T137099	Plate, Reservoir Spacer	2
4	T137148	Valve, Flange 3" Butterfly	1
5	T137149	Valve, Ball	2
6	T137150	Adapter, MORB-20/MORB-20	2

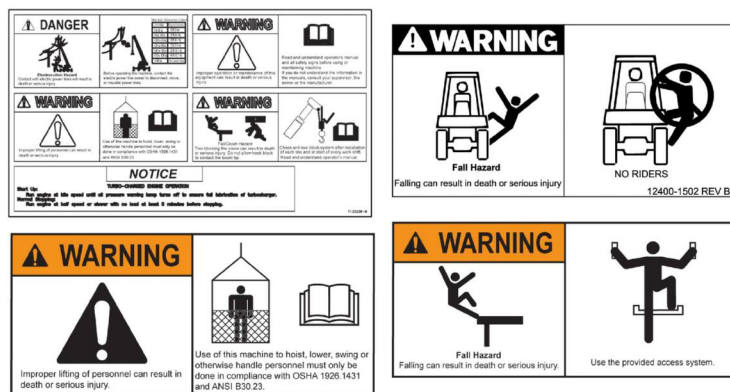
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

CHAPTER NO. 4

PAINT & MARKING



NOTE: Above decals are indicative only. For actual decals used on a crane model, refer to their respective part nos. in its parts table & drawings therefore.



WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



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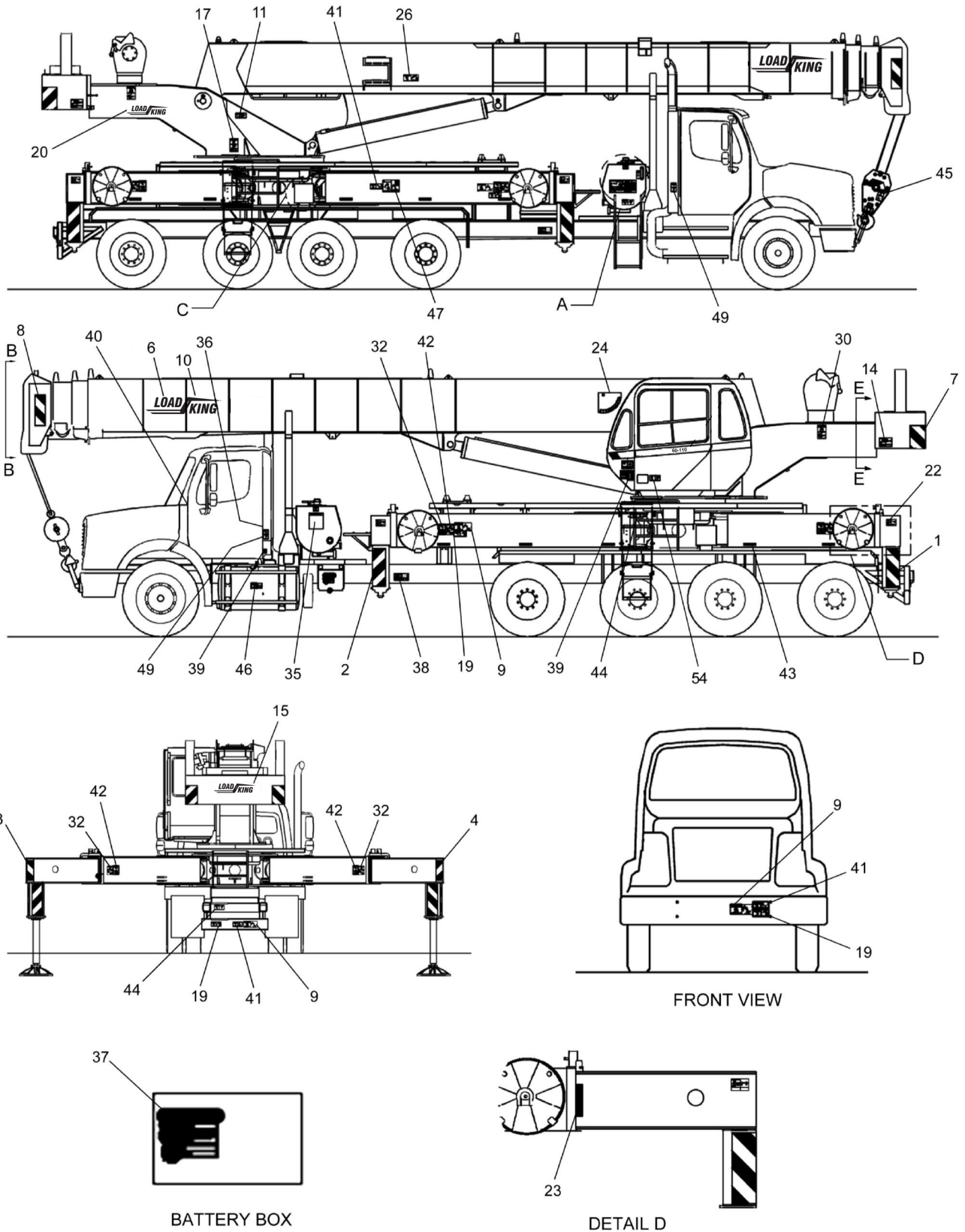
CHAPTER

4

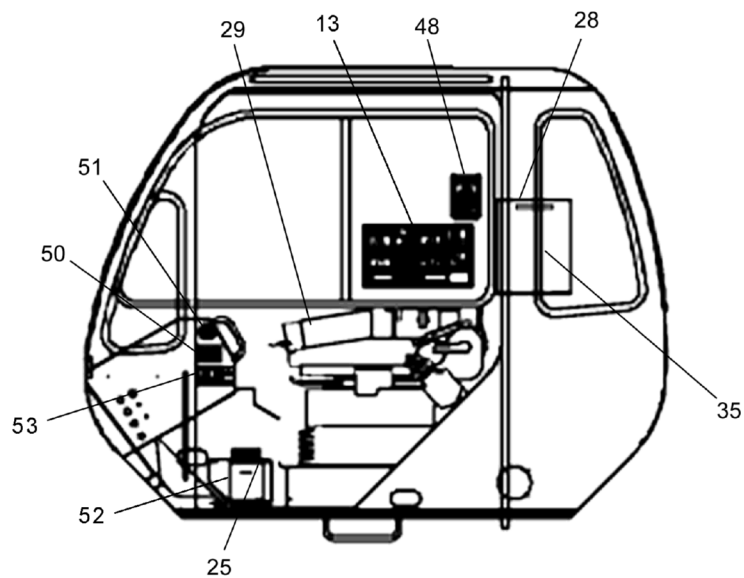
<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	XO 6000-DECALS (Rev. 00)	<i>PAINT & MARKING</i>	
1	T118479	Paint & Marking (see page 351)	REF
2	717A0609	110' Boom Marking, English (see page 355)	REF
3	717A0610	110' Boom Marking, Metric (see page 356)	REF
4	T145083	110' Boom Marking (see page 357)	REF
5	T120173-CAB DECALS	Decals, Supplier cab (see page 358)	REF

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

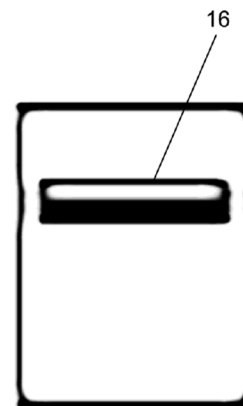
	PAINT & MARKING	DATE: Revised 09-2017	CHAPTER 4
		MODEL: 60-110	
		PAGE: 350	



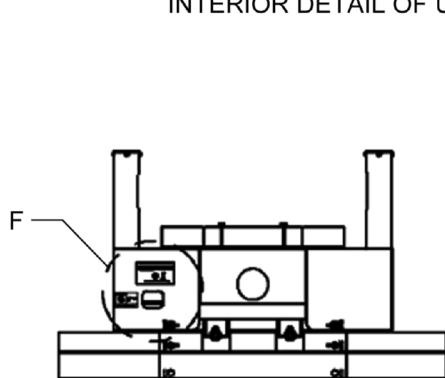
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



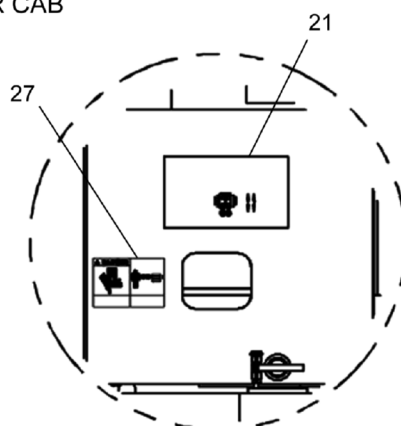
INTERIOR DETAIL OF UPPER CAB



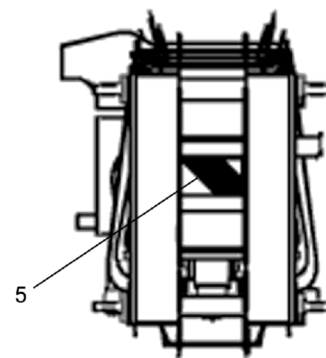
LOCATED ON
CATALOG HOLDER



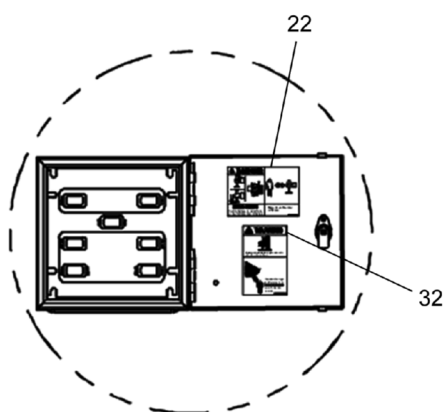
SECTION E - E



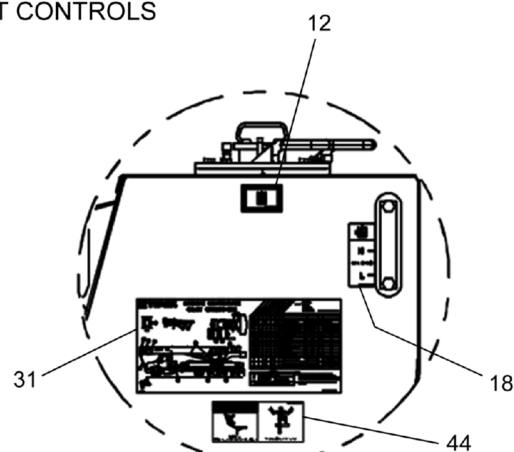
DETAIL F
COUNTERWEIGHT CONTROLS



VIEW B - B



DETAIL C
OUTRIGGER CONTROL BOX



DETAIL A
HYDRAULIC TANK

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

REF	PART NO.	DESCRIPTION	QTY
	T118479 (Rev. M)	<i>Paint & Marking</i>	
1	T118659	Decal, O/R Drop Box Stripe	4
2	T118660	Decal, O/R Drop Box Stripe	4
3	T118661	Decal, O/R Cover Stripe	2
4	T118662	Decal, O/R Cover Stripe	2
5	1006866	Decal, Boom Head Stripe	1
6	1008677	LEFT LK BOOM DECAL	2
7	1006863	Decal, O/R 18.00 X 13.50	2
8	T105658	Decal, Boom 17.50 X 5.00	2
9	1006855	Decal, Electrocution	4
10	1008681	RIGHT LK LOGO BOOM DECAL	2
11	651-00425	BM/Turret Crush Hazard	1
12	652-00073	Decal, HYD Oil	2
13	12400-1513*	Window	1
14	12400-1505	Decal, Tailswing	2
15	1007067	10 INCH LOADKING DECAL	1
16	12260-843	Decal, OPER. Manual	1
17	12400-1503	Decal, Skin Injection	1
18	12400-631	Decal, HYD Oil Level	1
19	651-00415	No Ride Boom/Jib/Load	4
20	1007066	5 INCH LOADKING DECAL	2
21	12400-854	Decal, C'WT Lower	1
22	12400-1514	Decal, O/R Crushing	6
23	714-0494-1	Stripe, Yellow	4
24	1006843	Boom Angle Decal	1
25	12260-970	Decal, Patent	1
26	12400-1515	Decal, Jib Retaining Pin	1
27	1006842	Decal-CTWT Crushing	1
28	12260-524*	Hand Signal	1
29	T116286	Decal - Seat Arm	1
30	651-00424	Loadline Crush Hazard Winch	2
31	1006844	Maintenance Chart	1
32	T118961	Decal, Outrigger Crush-Swing	10
33**	RAL 1013	Paint, Load King White	5 GAL
34**	RAL 7024	Paint, Load King Gray II	5 GAL
35	1006862	Crane Hand Signals	2
36	654-00704	Decal, Vehicle Inspection	1
37	651-00473	Decal, Battery Danger	1
38	1006841	Decal, Entanglement	2
39	12400-1003	Decal, Fire Extinguisher	2
40	1006861	Decal, BM EXT, Avoid DAM	1
41	T139673	Decal, Crush Hazard Stay Clear Of Load (HORZ) (English)	4
42	1006834	Decal, Fall Hazard O/R	8
43	T137414	Decal, Conspicity	10
44	12400-1516*	Decal, Fall Hazard Ladder	4
45	T140607	Decal, Stay Clear Load	2
46	12400-1508	Decal, Diesel Hazard	1
47	12400-1512*	Decal, Electrocution	1
48	1006857	Decal, No Riding Up Cab	1
49	T141898	Decal, Fall Hazard	2

* DECALS ARE SUPPLIED WITH CAB.

** ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



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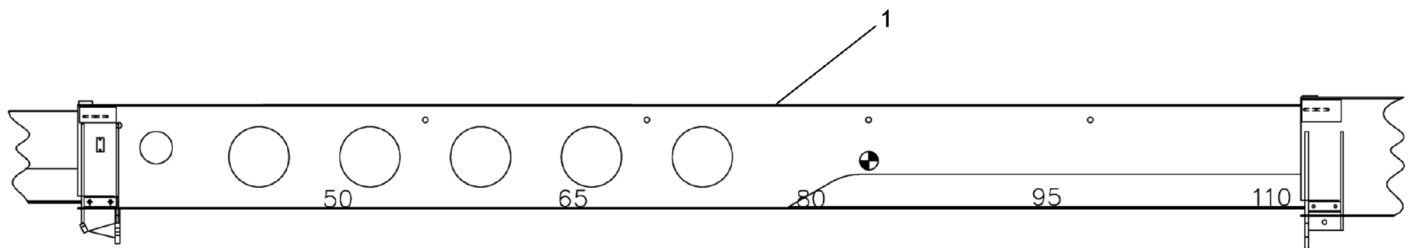
4

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T118479 (Rev. M)	<i>Paint & Marking</i>	
50	1006858	Decal, Product Registration	1
51	CTOS-CIC	Decal, Product Support	1
52	12260-96*	PCSA Standard	1
53	12400-1500*	Personnel Handling	1
54	12400-1502*	No Riders	1

* DECALS ARE SUPPLIED WITH CAB.
 ** ITEM NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	PAINT & MARKING	DATE: Revised 04-2018	CHAPTER 4
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	717A0609 (Rev. 00)	110' Boom Marking, English	
1	12400-855	Decal, 110' Boom	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



110' BOOM MARKING, ENGLISH

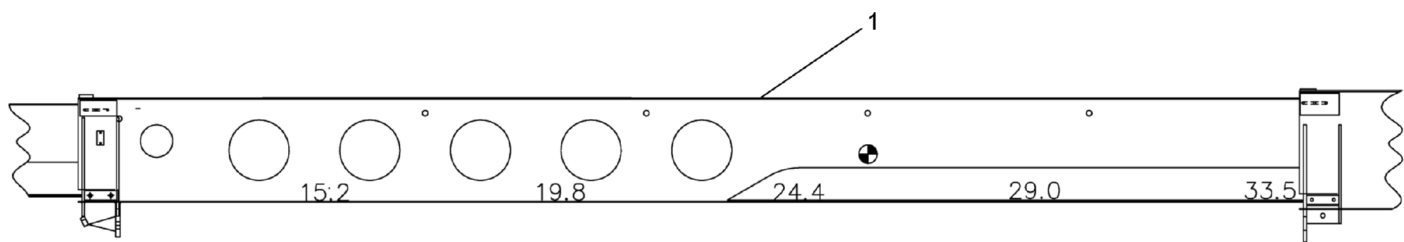
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	717A0610 (Rev. 00)	110' Boom Marking, Metric	
1	12400-856	Decal, 110' Boom	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

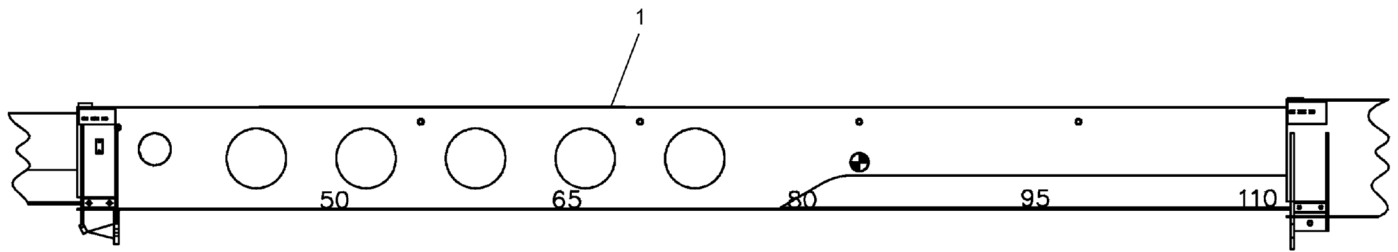


110' BOOM MARKING, METRIC

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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	T145083 (Rev. 00)	110' Boom Marking	
1	T145082	Decal, 110' Boom	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



110' BOOM MARKING, ENGLISH

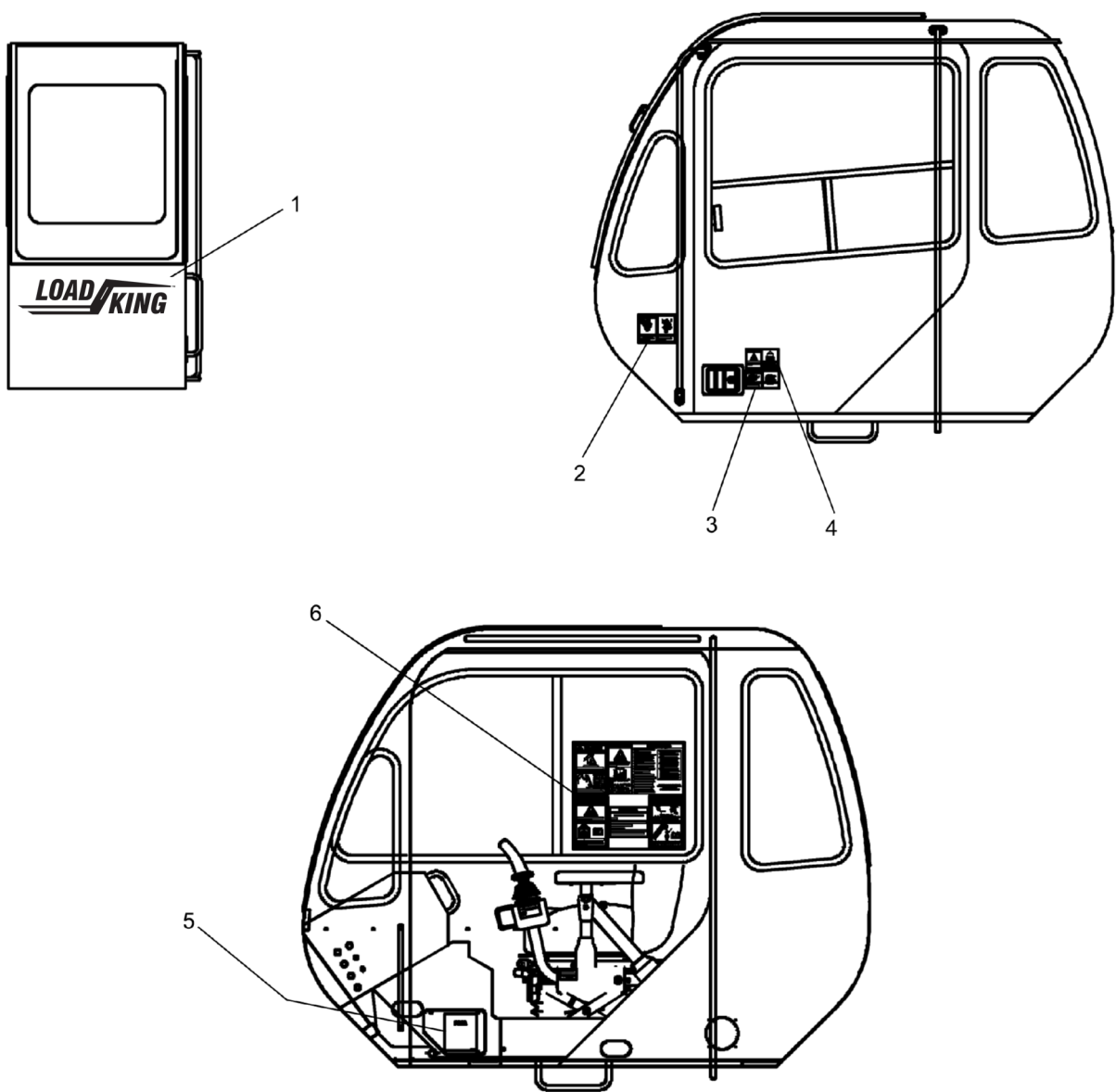
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REF	PART NO.	DESCRIPTION	QTY
	T120173-CAB DECALS (Rev. 00)	<i>Decals, Supplier cab</i>	
1	1007066	5 INCH LOADKING DECAL	1
2	12400-1516	Decal, Fall Hazard	1
3	12400-1502	Decal, No Riders	1
4	12400-1500	Decal, Personnel Handling	1
5	12260-96	Decal, PCSA Standard	1
6	T120074	Decal, Window	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



PAINT & MARKING, CAB OPERATOR

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CHAPTER NO. 5

MANUALS



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
		XO 6000-MANUALS (Rev. 00) <i>MANUALS</i>	
1	222744	Manual Pack-English (see page 362)	1
1A	222770	Manual Pack-Spanish (see page 363)	1
1B	222771	Manual Pack-French (see page 364)	1

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	MANUALS	DATE: Revised 09-2017	CHAPTER 5
		MODEL: 60-110	
		PAGE: 361	

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	222744 (Rev. 00)	<i>Manual Pack-English</i>	
1	12261-539	CD-OP'S, Parts, Shop & Schematics Manuals	1
2	12261-538	60-110 Parts Manual	1
3	12261-537	60-110, 50-110 & 45-126 Operator's Manual	1
4	MC-1407	AEM Safety Manual	1
5	V-CR	AEM Safety Video	1
6	1007467	Load King Limited Product Warranty Certificate	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	MANUAL PACK-ENGLISH	DATE: Revised 04-2017	CHAPTER 5
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<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	222770 (Rev. 00)	<i>Manual Pack-Spanish</i>	
1	12261-635	CD-OP'S, Parts, Shop & Schematics Manuals	1
2	12261-538	60-110 Parts Manual	1
3	12261-575	60-110, 50-110 & 45-126 Operator's Manual Spanish	1
4	MC-1407	AEM Safety Manual	1
5	V-CR	AEM Safety Video	1
6	1007467	Load King Limited Product Warranty Certificate	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	MANUAL PACK-SPANISH	DATE: Revised 04-2017	CHAPTER 5
		MODEL: 60-110	
		PAGE: 363	

<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	222771 (Rev. 00)	<i>Manual Pack-French</i>	
1	12261-636	CD-OP'S, Parts, Shop & Schematics Manuals	1
2	12261-538	60-110 Parts Manual	1
3	12261-574	60-110, 50-110 & 45-126 Operator's Manual French	1
4	MC-1407	AEM Safety Manual	1
5	V-CR	AEM Safety Video	1
6	1007467	Load King Limited Product Warranty Certificate	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

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CHAPTER NO. 6

RECOMMENDED SPARE PARTS

RECOMMENDED SPARE PARTS

<u>Part no.</u>	<u>Description</u>	<u>Qty</u>	<u>Page</u>
200B2007-3	P-Clamp	REF	261
434-4020	Gauge Level	1	273
441-6828	Relay	1	160, 179
442-2201	Switch	REF	324
652-00073	Decal, HYD Oil	REF	353
707-8788	Shim	1	82
707F8527	Pin	1	82
707F8530	Pin	1	73, 82
708-0162	Plate	1	61
708-0260	Shim	1	82
708-0267	Pin	1	82
708-6449	Filter, Return	1	273
709 7821	Switch	1	77, 85
709-1564	Pad	1	79, 87
709-7257	Wear Pad	1	61
709-7269	Wear Pad	1	61
709-7279	Wear Pad	1	61
709-7281	Wear Block	1	61
709-7290	Pin	1	73, 82
709-7291	Spacer	1	61
709-7384	Wear Pad 2.50 X 1.875 X 0.50	1	79, 87
709-7783	Filter, Suction	1	273
709-7821	Switch	1	75, 322
710-0143	Bracket, Rope Guide	1	61
710-0144	Wear Pad	1	61
710-0145	Wear Pad	1	61
711-0238	Tube,-4, MINFLR-4SW/NO End	1	61
712-0086	Wear Pad	1	61
712-0093	Shim	1	61
712-0094	Plate	1	61
712-0211	Shim, Collar, CYL Rod Keeper	1	61
712-0393	Shim 7.00 X 1.88 X 0.25	1	61
714 0621	Switch	1	208
714A1471	Reed Switch Assembly	1	27
717-0355	Wear Pad 8.75 X 4.00 X 0.50	1	62
717-0402	Pin 0.375 X 2.00	1	62
717-0444	Wear Pad, CYL Cradle	1	62
717-0523	Valve, Diverter W/ Relief	REF	270
717-0557	Spacer 3.00 X 1.50 X 0.62	1	62
717-0619	Wear Pad 19.38 X 3.00 X 1.00	1	62
717-0768	Bracket, Rope Guide	1	62

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	RECOMMENDED SPARE PARTS	DATE: Revised 03-2019	CHAPTER 6
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RECOMMENDED SPARE PARTS

<u>Part no.</u>	<u>Description</u>	<u>Qty</u>	<u>Page</u>
717-0849^	Hold Valve	1	131
718-0157	Cylinder CTWT T500J/700/775	1	91
718-0751	Pad, Outrigger 24"	REF	254
719-0201	Switch, Swing Lock	1	153
719-0922	Dual Lever Single Axis Joystick, Right	1	222, 228
719-0923	Dual Lever Single Axis Joystick, Left	1	222, 228
719-0947	Single Lever Dual Axis Joystick, Right	1	215, 221
719-0948	Single Lever Dual Axis Joystick, Left	1	215, 221
720-0109	CYL, HYD, Boom 9.00B X 300.00 ST	1	62
720-0154	Wear Pad	1	62
720-0166	Pin, Sheave Pivot	1	62
722-0060	Valve, Swing	1	132
724-0266	Foot Pedal-Boom	1	31
1223-379	NC Air Switch	REF	266
1223-858	Switch, Ignition Poll	1	153
1223-903	Rocker Switch	REF	313
1223-996	Switch, Extend/Retract Rocker	1	153, 328, 330
1223-997	SW Rocker Outrigger	1	153, 328, 330
1223-998	SW Rocker Outrigger	1	153, 328, 330
1223-1002	SW Rocker Defrost	1	153
1223-1011	SW Rocker Lights	1	153
1223-1021	Lamp	1	153
1223-1025	SPST Toggle Switch	1	163
1223-1026	Switch, Beacon	REF	314, 315
1223-1029	SW Rocker Wiper	1	153
1223-1030	SW Rocker Washer	1	153
1223-1067	Work Light	REF	313
12260-96	Decal, PCSA Standard	REF	358
12260-96*	PCSA Standard	REF	354
12400-1500	Decal, Personnel Handling	REF	358
12400-1500*	Personnel Handling	REF	354
12400-1502	Decal, No Riders	REF	358
12400-1502*	No Riders	REF	354
12400-1503	Decal, Skin Injection	REF	353
1006841	Decal, Entanglement	REF	353
12400-1514	Decal, O/R Crushing	REF	353
12400-1516	Decal, Fall Hazard	REF	358
12400-1516*	Decal, Fall Hazard Ladder	REF	353
35817-020	Shim	1	61
65344	Shaft	1	82, 321
215844	Switch, Fan	1	165

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	RECOMMENDED SPARE PARTS	DATE: Revised 03-2019	CHAPTER 6
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RECOMMENDED SPARE PARTS

Part no.	Description	Qty	Page
216048	Switch, Binary Pressure	1	202
216744	WJ 2 Speed Motor Kit W/ Hardware (12V)	REF	44
216745	Flex Blade, 28" - Black	REF	44
216852	Wiper Motor Assembly	REF	46
216853	Arm ADJ 10.75" - 15" Black	REF	46
216854	Flex Blade, 18"	REF	46
216866	Arm, Pantograph Black, 24", Wet	REF	44
218890	Otto SW	1	218, 220
219730	3 position Mode Switch W/ Off	1	165
220243	Switch, Pressure 625 NO	1	170
220246	Switch, Rocker Lighted	1	165
222016	Seal Kit	1	67
222417	Secure Bag Of Keys	1	212
228173	Seal Kit, Jack Cylinder	2	282
228309	Switch, Oil Level W/ DT04-3P; -8	1	200
228620	Seal Kit	1	135
229588	Seal Kit	2	278
229589	Seal Kit	2	284
A38933	Sheave	1	321
1007066	5 INCH LOADKING DECAL	REF	353
T109503	SW Rocker Outtrigger Swing, FR	1	153, 328, 330
T109504	SW Rocker Outrig Swing RE	1	153
T117939	Wear Pad, 9.375 X 4.00 X 0.375	REF	254
T118276	Light, LED 3/4" RED	REF	261
T118277	Light, LED 3/4" Amber	REF	261
T118961	Decal, Outtrigger Crush-Swing	REF	353
T119926	Valve, 1 Section Valve	REF	271
T119929	Valve, 3 Section	REF	271
1006855	Decal, Electrocuton	REF	353
T120217	Proximity Switch	REF	261
T124070	Fuse, 15A	REF	263
T124071	Fuse, 25A	REF	263
T124758	Valve, Boom/TELE (Parker)	1	131
T124761	Valve, Winch	1	131
T130846	O/R Extend Cylinder (Hengli)	REF	271
T130849	O/R Jack Cylinder (Hengli)	REF	271
T130850	O/R Extend Cylinder (Hengli)	REF	271
T135634	Neutral Switch	REF	266
T144189	Hoist Cylinder (Hengli)	1	131
T160366	Switch, E-Stop	1	153
T163587	Swing Cylinder (HENGLI)	REF	271

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

	RECOMMENDED SPARE PARTS	DATE: Revised 03-2019	CHAPTER 6
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RECOMMENDED SPARE PARTS

<u>Part no.</u>	<u>Description</u>	<u>Qty</u>	<u>Page</u>
T163588	Swing Cylinder (HENGLI)	REF	271

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



RECOMMENDED SPARE PARTS

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