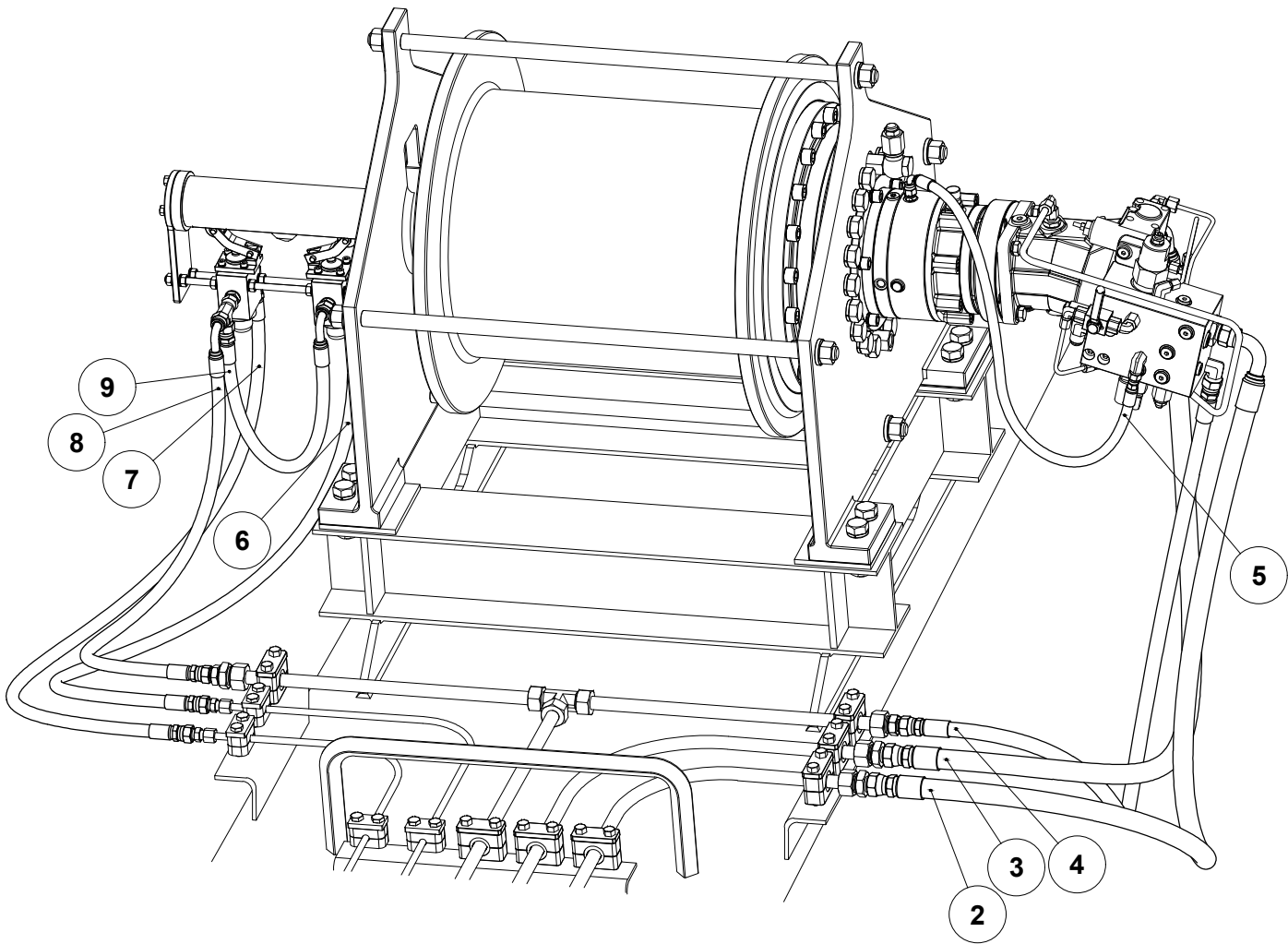


FULL SET OF HYD. HOSE - S00000477



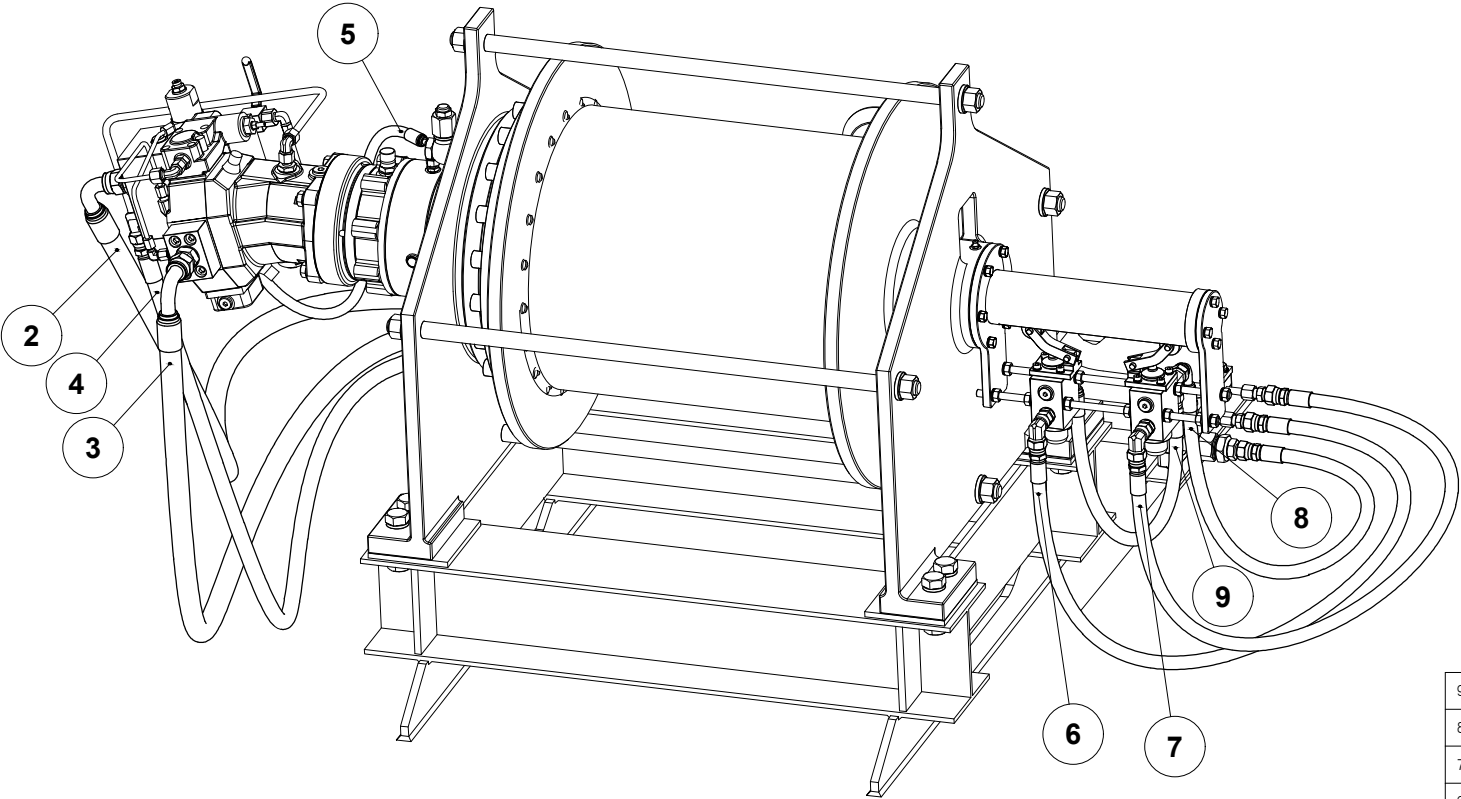
9	S00000485	HYD. HOSE	3 EA	
8	S00000484	HYD. HOSE	3 EA	
7	S00000483	HYD. HOSE	1 EA	
6	S00000482	HYD. HOSE	1 EA	
5	S00000481	HYD. HOSE	2 EA	
4	S00000480	HYD. HOSE	1 EA	
3	S00000479	HYD. HOSE	1 EA	
2	S00000478	HYD. HOSE	2 EA	
1	S00000477	FULL SET OF HYD. HOSE	1 SET	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS

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APPROVED	DESIGNED
BY :	BY :  <b>ZENITH MARINETECH</b>
DOC. NAME : <b>HYD. HOSE</b>	

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FULL SET OF HYD. HOSE - S00000477



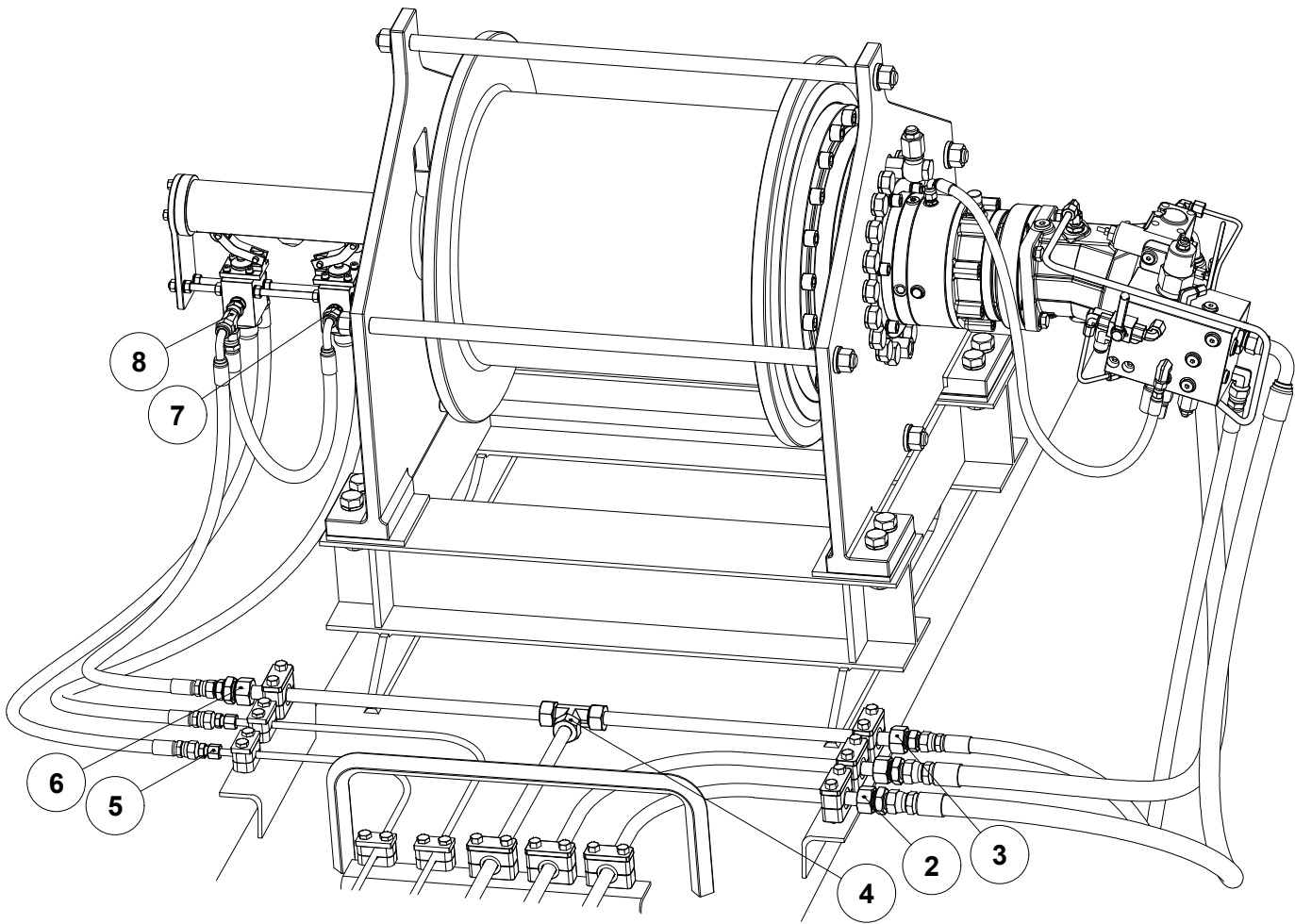
9	S00000485	HYD. HOSE	3 EA	
8	S00000484	HYD. HOSE	3 EA	
7	S00000483	HYD. HOSE	1 EA	
6	S00000482	HYD. HOSE	1 EA	
5	S00000481	HYD. HOSE	2 EA	
4	S00000480	HYD. HOSE	1 EA	
3	S00000479	HYD. HOSE	1 EA	
2	S00000478	HYD. HOSE	2 EA	
1	S00000477	FULL SET OF HYD. HOSE	1 SET	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS

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FULL SET OF HYD. FITTING - S00000486



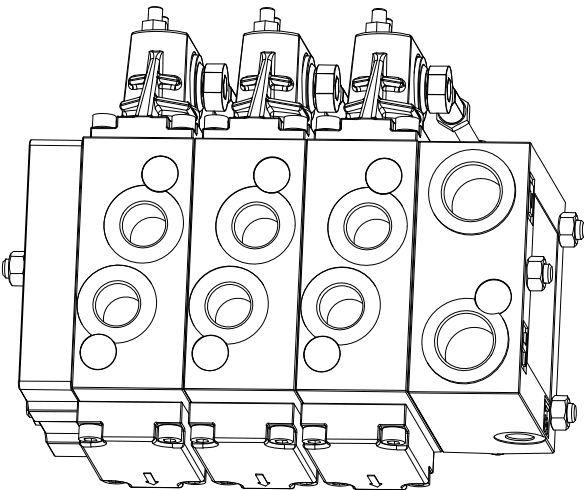
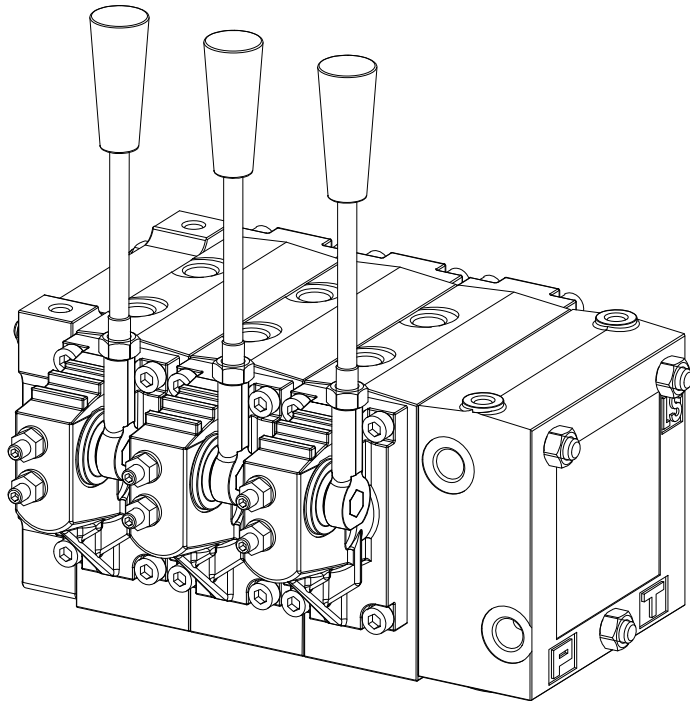
8	S00000493	HYD. FITTING	3 EA	
7	S00000492	HYD. FITTING	1 EA	
6	S00000491	HYD. FITTING	1 EA	
5	S00000490	HYD. FITTING	2 EA	
4	S00000489	HYD. FITTING	1 EA	
3	S00000488	HYD. FITTING	1 EA	
2	S00000487	HYD. FITTING	2 EA	
1	S00000486	FULL SET OF HYD. FITTING	1 SET	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS

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BY :	BY :		
DOC. NAME :		<b>HYD. FITTING</b>	

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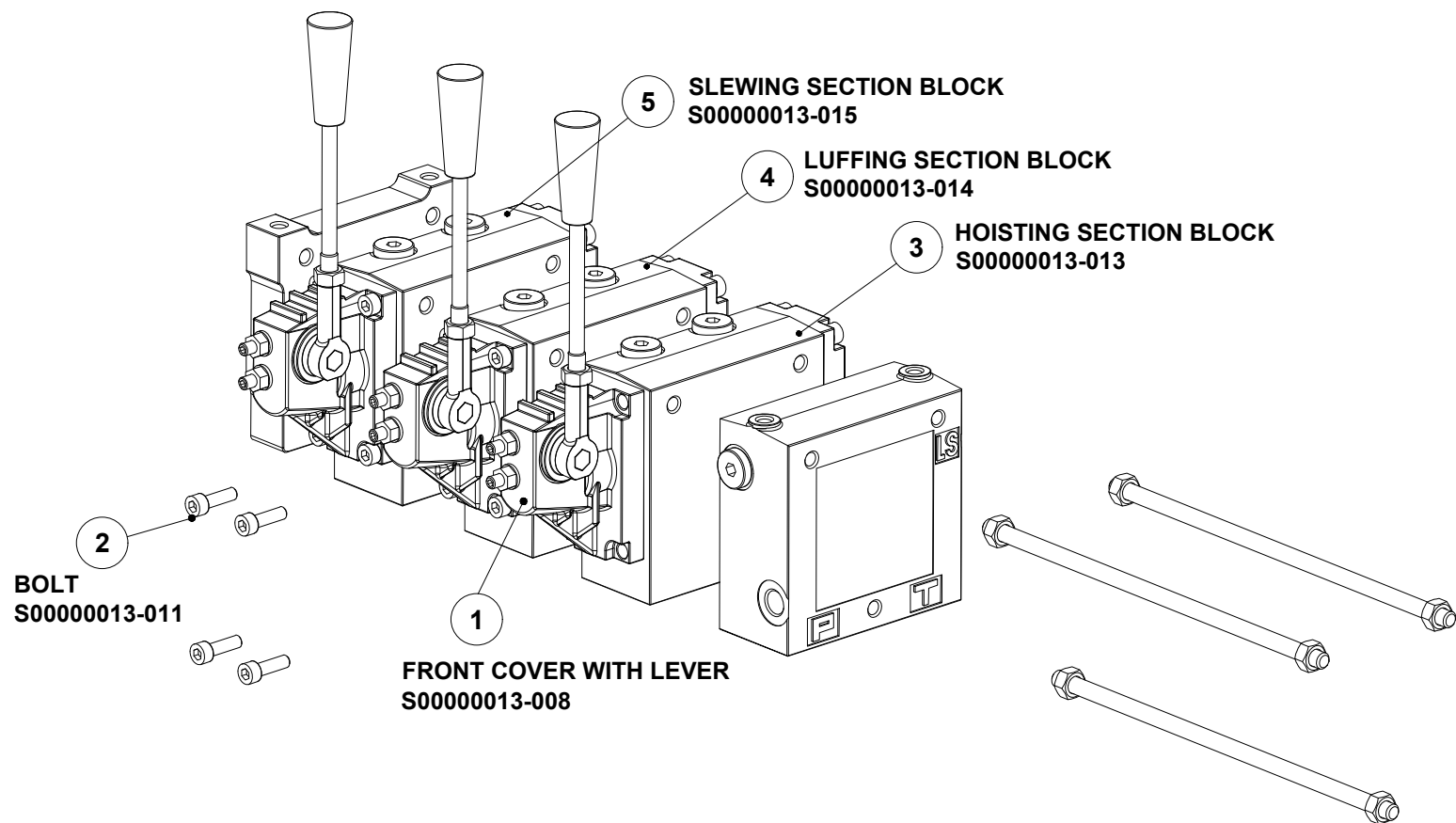
MAIN CONTROL VALVE - S00000013




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1	S00000013	MAIN CONTROL VALVE	1 SET	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
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APPROVED			DESIGNED	
BY :			BY :  <b>ZENITH MARINETECH</b>	
DOC. NAME : <b>MAIN CONTROL VALVE ASS'Y</b>				

MAIN CONTROL VALVE

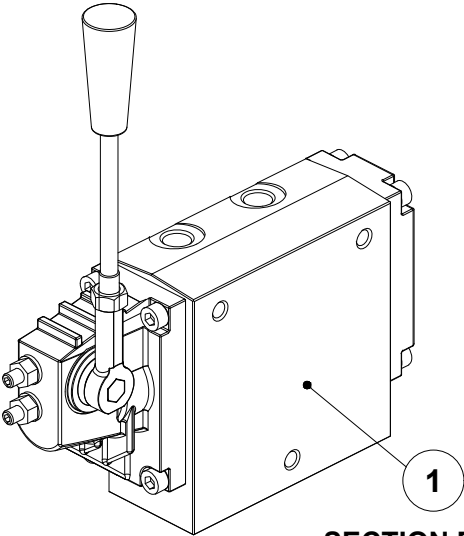


5	S00000013-015	SLEWING SECTION BLOCK	1 SET	
4	S00000013-014	LUFFING SECTION BLOCK	1 SET	
3	S00000013-013	HOISTING SECTION BLOCK	1 SET	
2	S00000013-011	BOLT	12 SET	
1	S00000013-008	FRONT COVER WITH LEVER	3 SET	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS

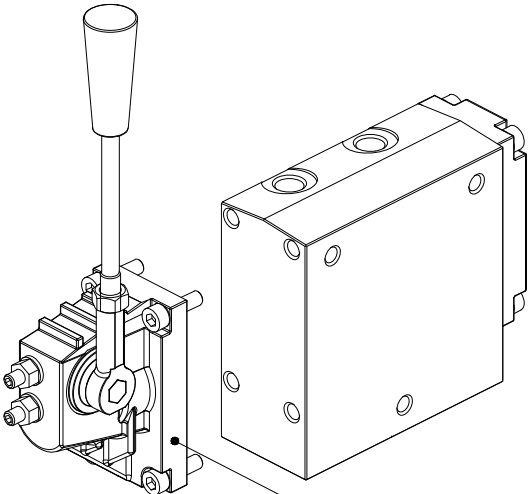
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APPROVED		DESIGNED	
BY :		BY : 	
DOC. NAME : <b>MAIN CONTROL VALVE ASS'Y</b>			

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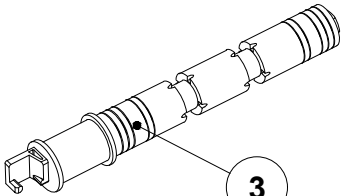
MAIN CONTROL VALVE



**SECTION BLOCK  
S00000013-006**




**FRONT COVER WITH LEVER  
S00000013-008**



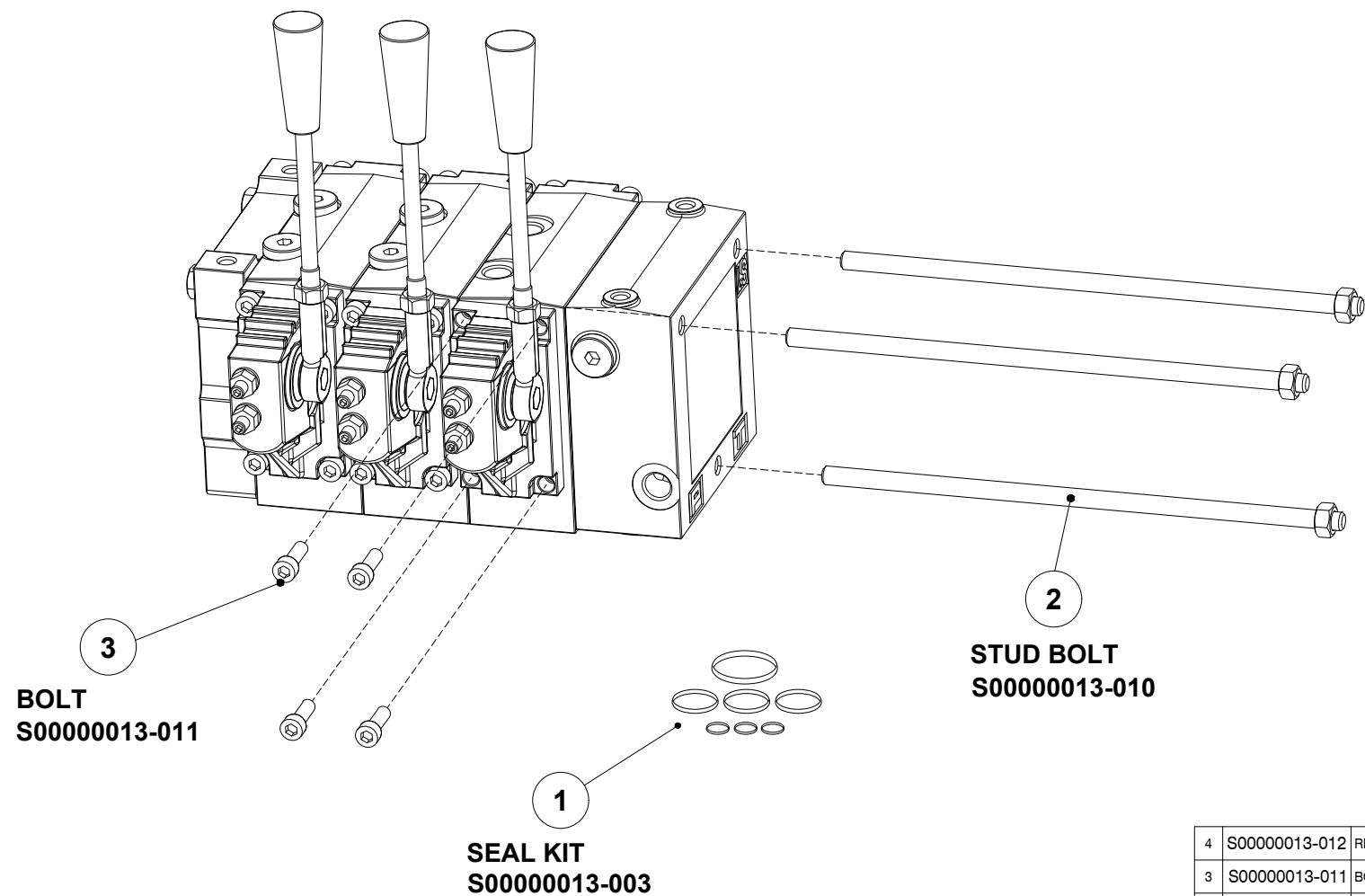
**SPOOL  
S00000013-009**


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3	S00000013-009	SPOOL	1 EA	
2	S00000013-008	FRONT COVER WITH LEVER	3 SET	
1	S00000013-006	SECTION BLOCK	3 SET	HOISTING, LUFFING, SLEWING
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
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APPROVED			DESIGNED	
BY :			BY :  <b>ZENITH MARINETECH</b>	
DOC. NAME : <b>MAIN CONTROL VALVE ASS'Y</b>				

MAIN CONTROL VALVE

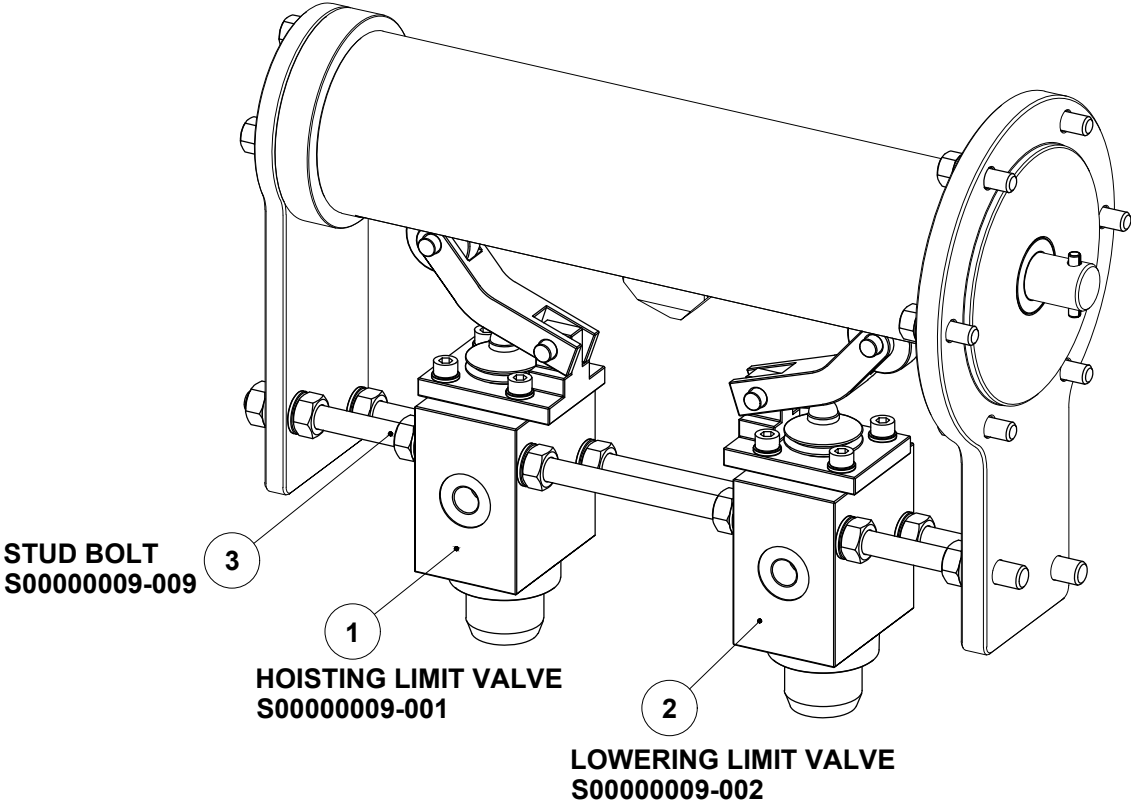
REPAIR KIT S00000013-012  
INCLUSIVE OF ALL ITEMS IN LIST




4	S00000013-012	REPAIR KIT	1 SET	ALL IN LIST
3	S00000013-011	BOLT	12 SET	
2	S00000013-010	STUB BOLT & NUT	3 SET	
1	S00000013-003	SEAL KIT	1 SET	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
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APPROVED			DESIGNED	
BY :			BY :  <b>ZENITH MARINETECH</b>	
DOC. NAME : <b>MAIN CONTROL VALVE ASS'Y</b>				

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HOISTING LIMIT DEVICE ASS'Y - S00000009

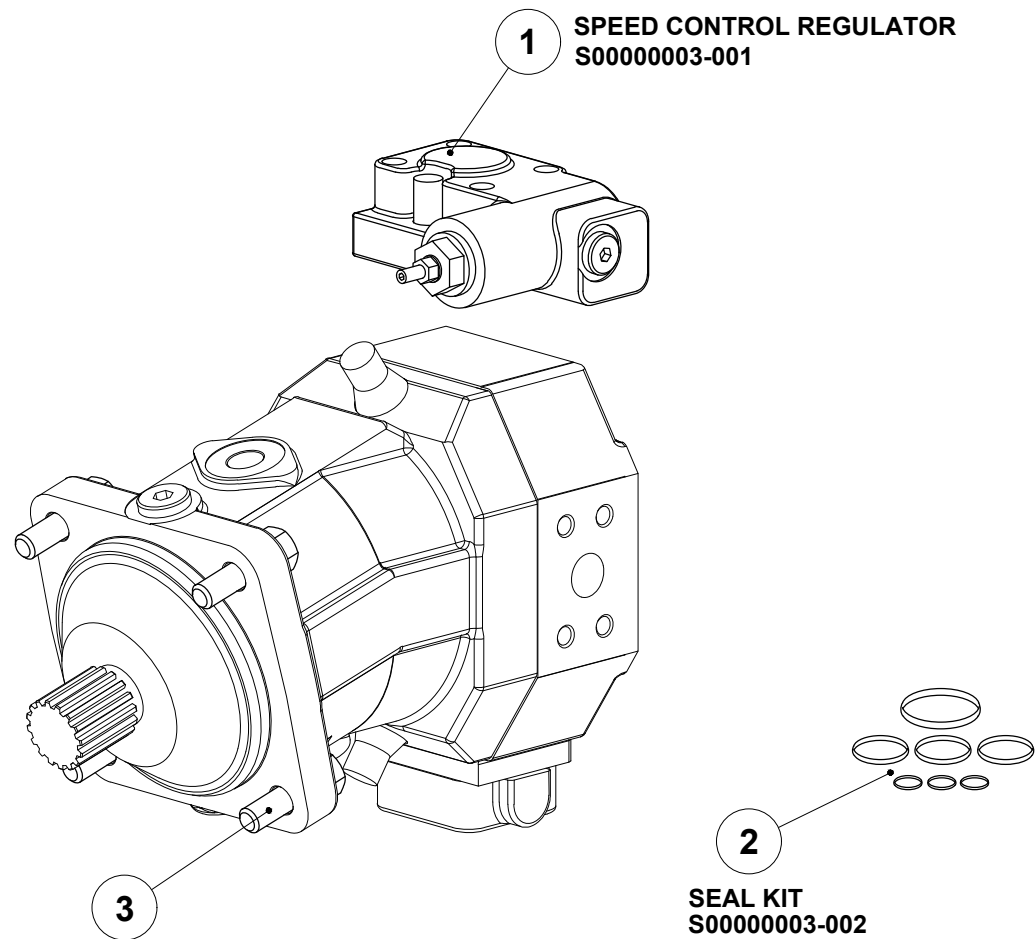


3	S00000009-009	STUD BOLT	2 EA	INCL. 14 SET NUT & S/W
2	S00000009-002	LOWERING LIMIT VALVE	1 EA	
1	S00000009-001	HOISTING LIMIT VALVE	1 EA	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
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APPROVED			DESIGNED	
BY :			BY :  <b>ZENITH MARINETECH</b>	
DOC. NAME : <b>HOISTING LIMIT DEVICE ASSY</b>				


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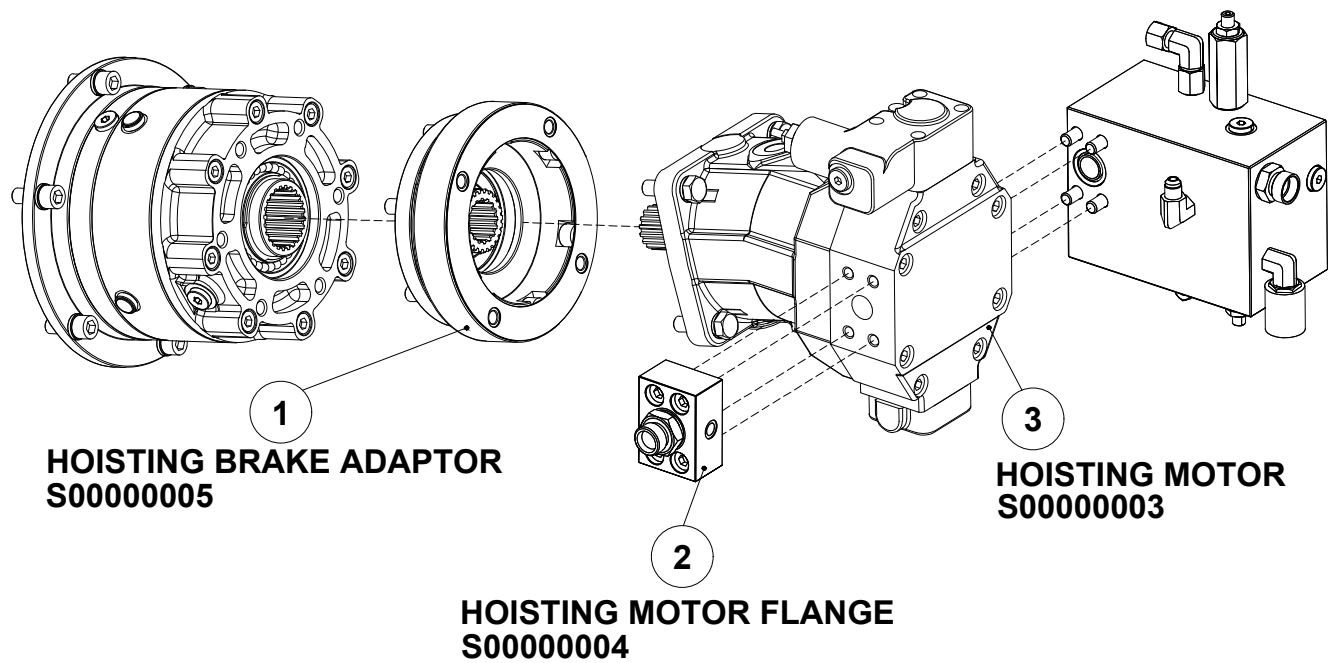
HOISTING MOTOR - S00000003




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3	S00000003-003	HEX BOLT & S/W	4 SET	
2	S00000003-002	SEAL KIT	1 SET	
1	S00000003-001	SPEED CONTROL REGULATOR	1 EA	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
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APPROVED			DESIGNED	
BY :			BY :  <b>ZENITH MARINETECH</b>	
DOC. NAME : <b>HOISTING MOTOR</b>				

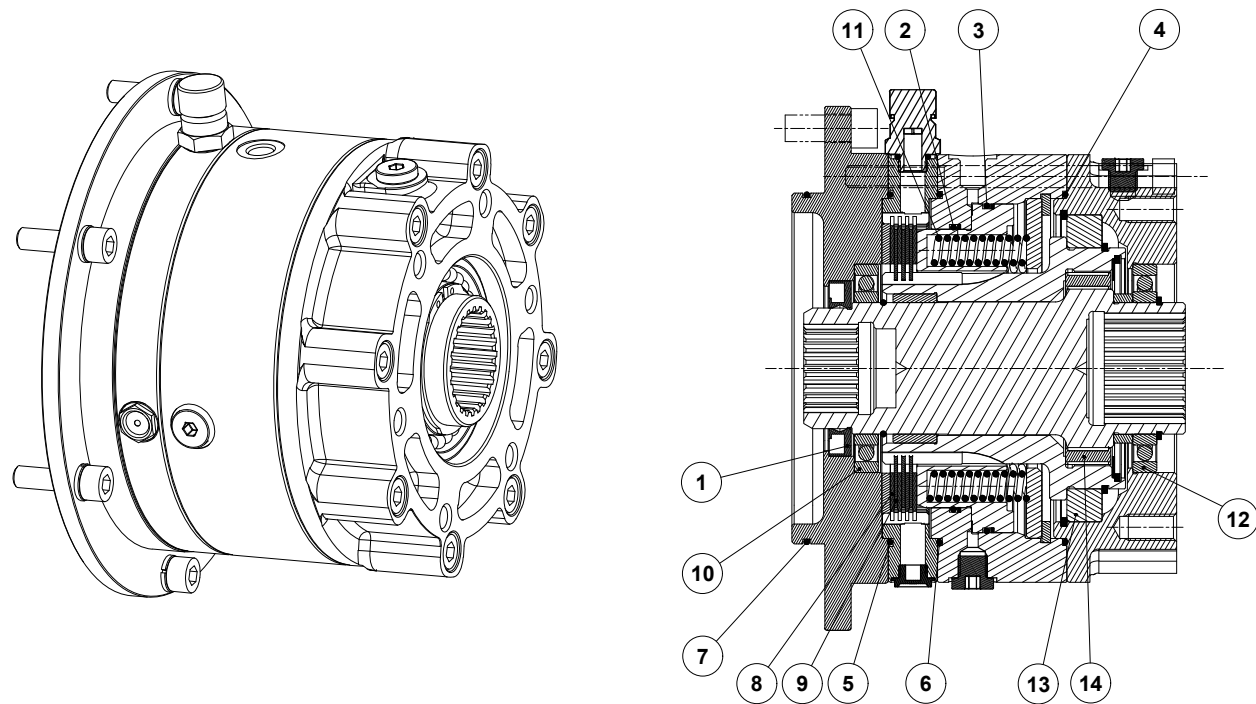
HOISTING WINCH ASS'Y



3	S00000003	HOISTING MOTOR	1 SET	
2	S00000004	HOISTING MOTOR FLANGE	1 SET	
1	S00000005	HOISTING BRAKE ADAPTOR	1 SET	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
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APPROVED			DESIGNED	 <b>ZENITH MARINETECH</b>
BY :			BY :	
DOC. NAME :				
<b>HOISTING WINCH ASS'Y</b>				


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BRAKE REPAIR KIT S000000006-040  
INCLUSIVE OF ALL ITEMS IN LIST



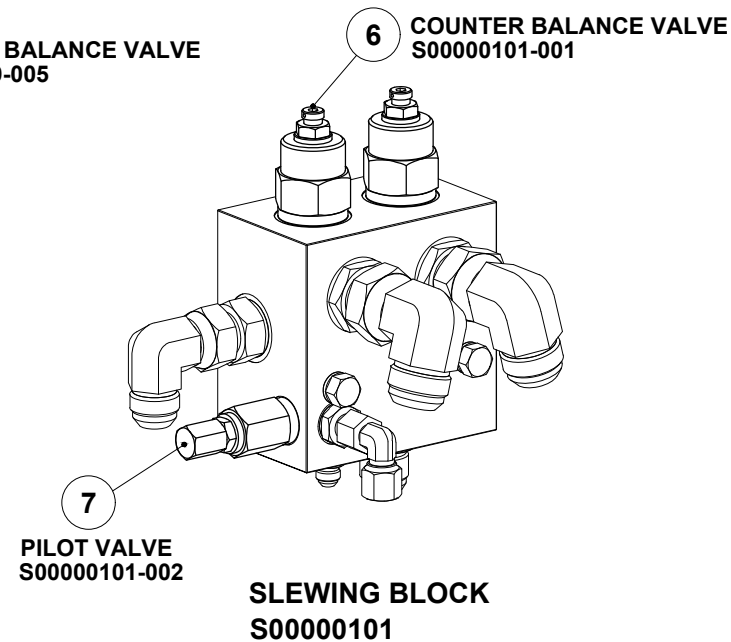
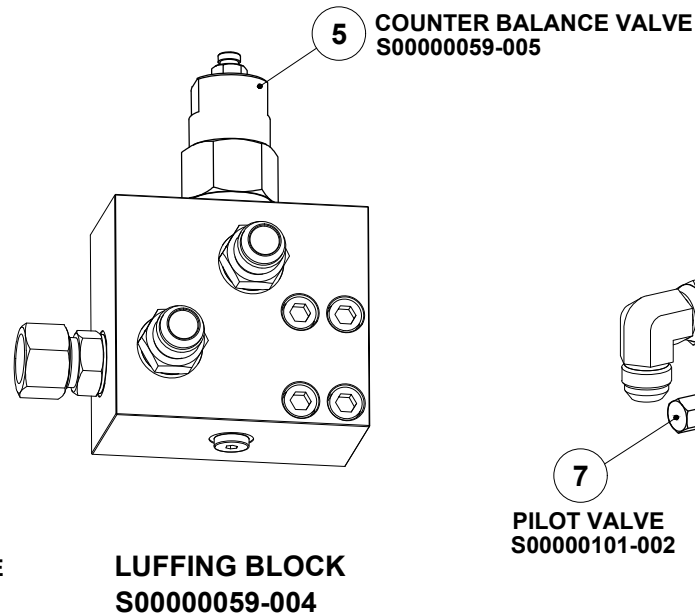
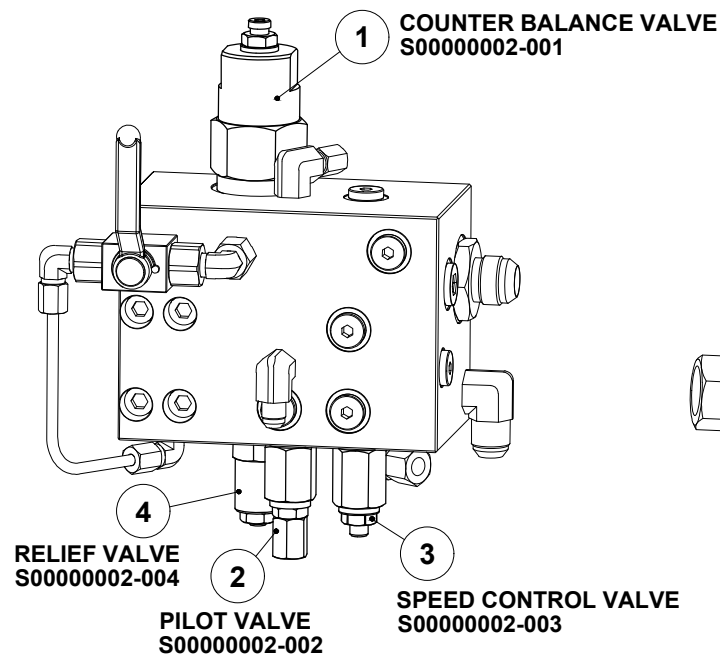
Section view

15	S00000006-040	BRAKE REPAIR KIT	1	ALL IN LIST
14	S00000006-033	FREE WHEEL	1	
13	S00000006-030	BEARING	1	
12	S00000006-025	BEARING	1	
11	S00000006-020	SPRING	18	
10	S00000006-016	BEARING	1	
9	S00000006-012	DISK	3	
8	S00000006-011	LINING	4	
7	S00000006-010	O-RING	1	
6	S00000006-009	O-RING	1	
5	S00000006-008	O-RING	1	
4	S00000006-007	O-RING	1	
3	S00000006-006	O-RING	1	
2	S00000006-004	O-RING	1	
1	S00000006-002	OIL SEAL	1	


NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
APPROVED		DESIGNED		
BY :		BY : 		
DOC. NAME :		HOISTING BRAKE ASS'Y		

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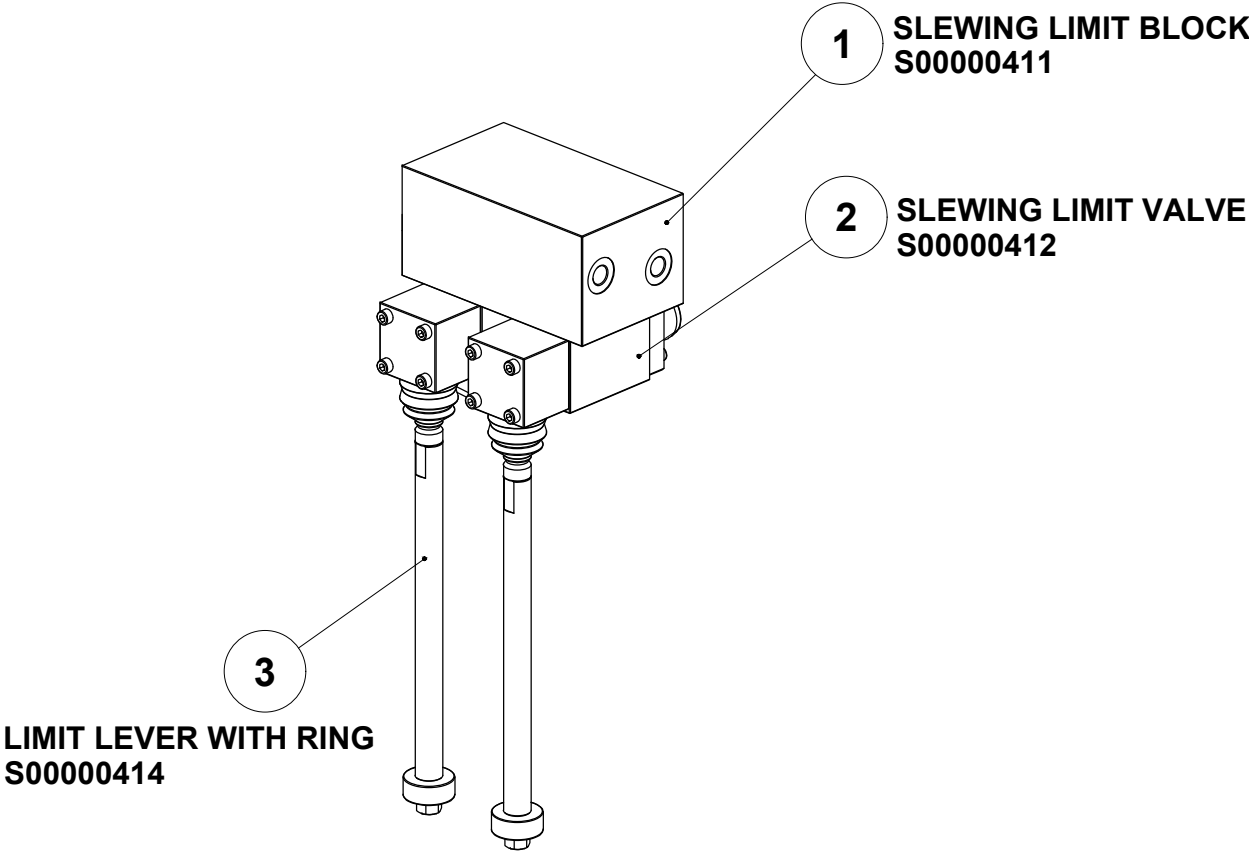
HYDRAULIC BLOCK




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7	S00000101-002	PILOT VALVE	1 EA	
6	S00000101-001	COUNTER BALANCE VALVE	2 EA	
5	S00000059-005	COUNTER BALANCE VALVE	1 EA	
4	S00000002-004	RELIEF VALVE	1 EA	
3	S00000002-003	SPEED CONTROL VALVE	1 EA	
2	S00000002-002	PILOT VALVE	1 EA	
1	S00000002-001	COUNTER BALANCE VALVE	1 EA	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
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APPROVED			DESIGNED	
BY :			BY :  <b>ZENITH MARINETECH</b>	
DOC. NAME : <b>HOISTING BLOCK ASSY</b>				

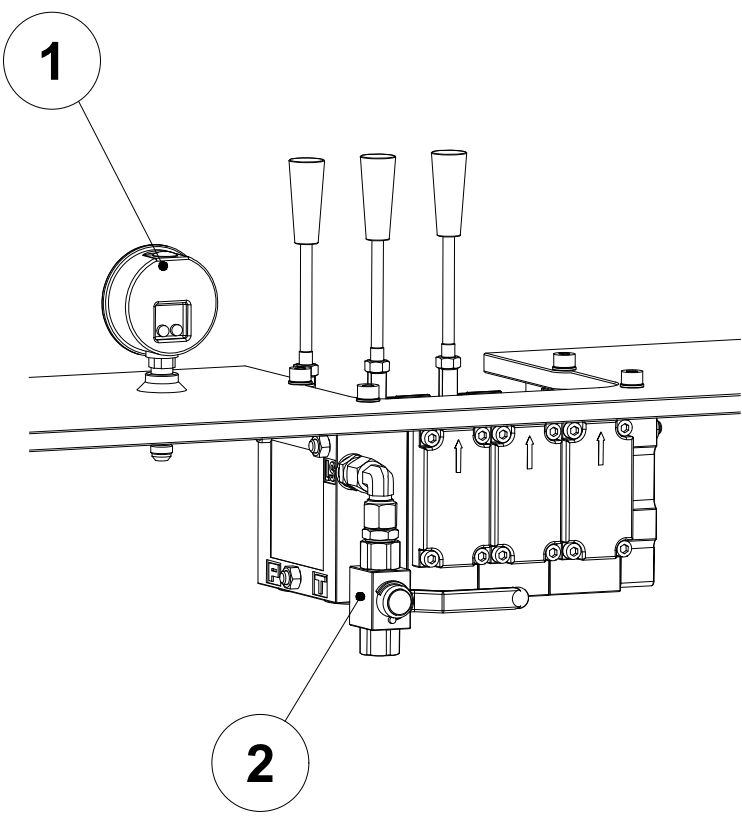
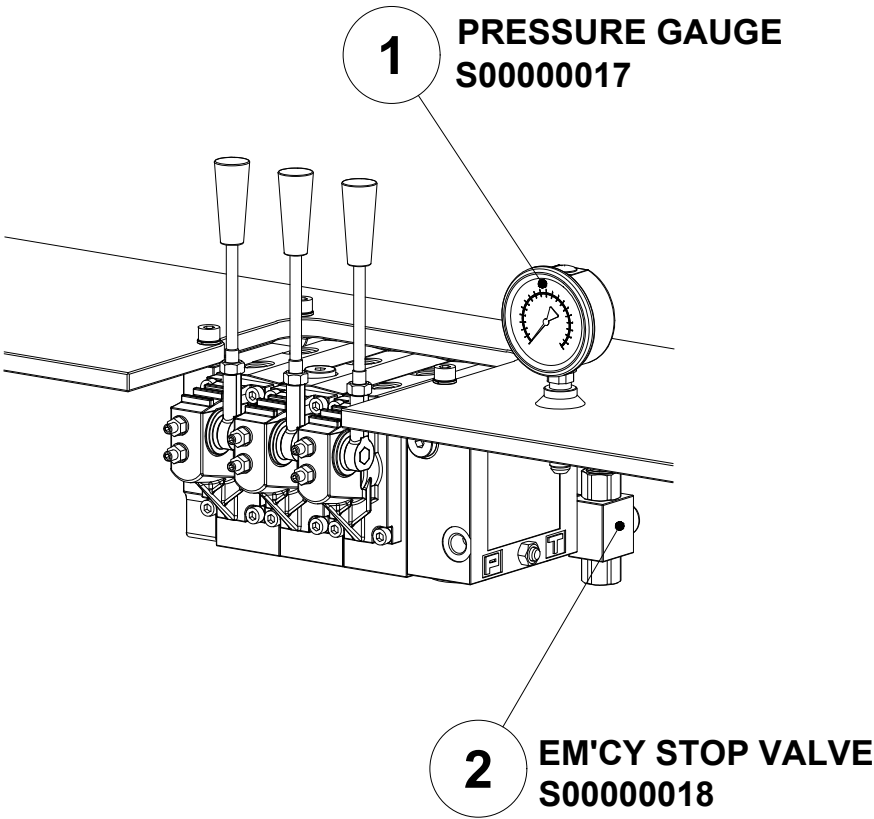
SLEWING LIMIT VALVE BLOCK ASS'Y - S00001317




3	S00000414	LIMIT LEVER WITH RING	2 SET	
2	S00000412	SLEWING LIMIT VALVE	4 EA	
1	S00000411	SLEWING LIMIT BLOCK	2 EA	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
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APPROVED BY :			DESIGNED BY :  <b>ZENITH MARINETECH</b>	
DOC. NAME :			<b>SLEWING LIMIT DEVICE SPARE ORDER BOOK</b>	

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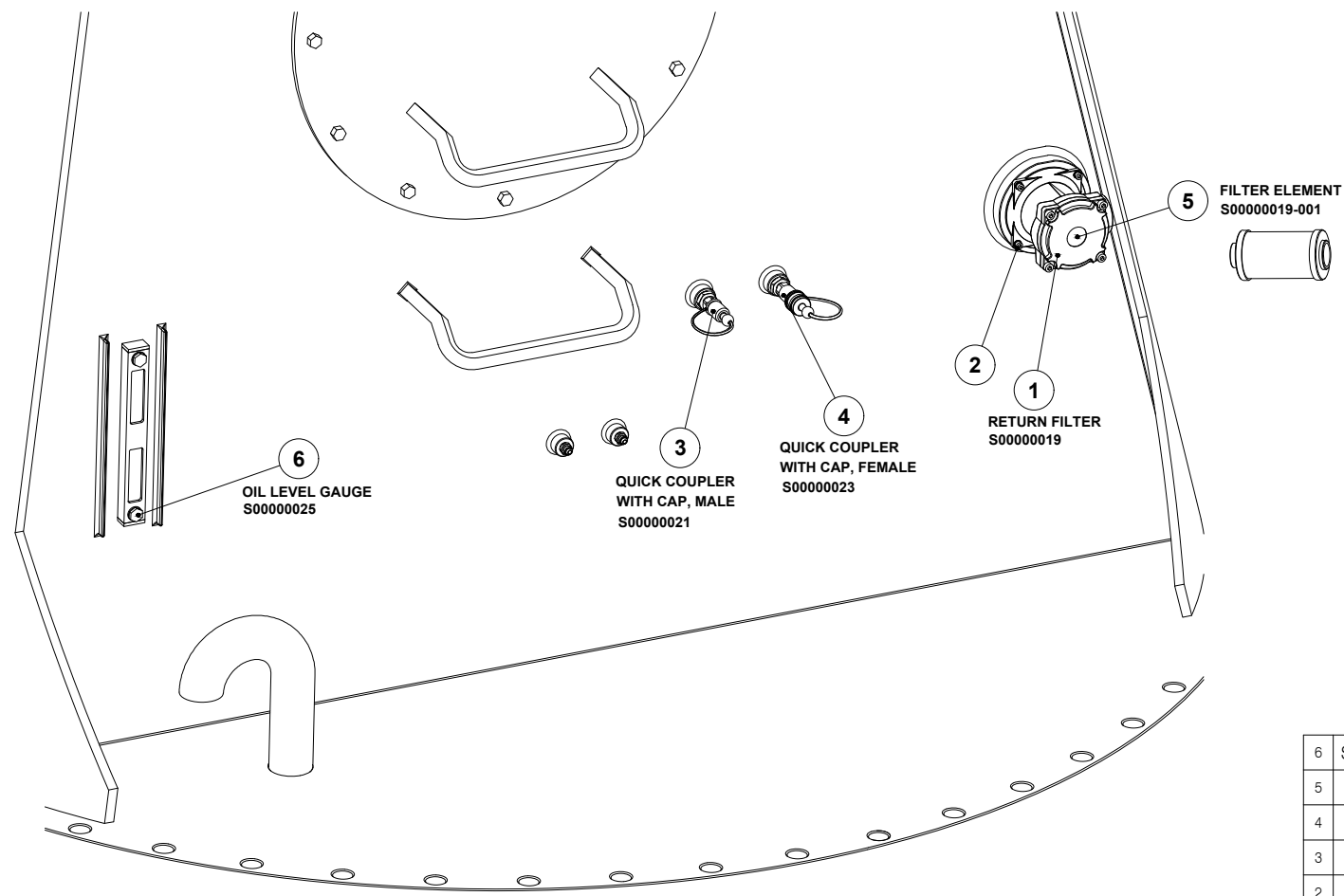
PRESSURE GAUGE



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2	S00000018	EM/CY STOP VALVE	1 SET	
1	S00000017	PRESSURE GAUGE	1 SET	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
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APPROVED			DESIGNED	
BY :			BY :  <b>ZENITH MARINETECH</b>	
DOC. NAME : <b>MAIN CONTROL</b>				

OIL LEVEL GAUGE, QUICK COUPLER, AND RETURN FILTER ELEMENT



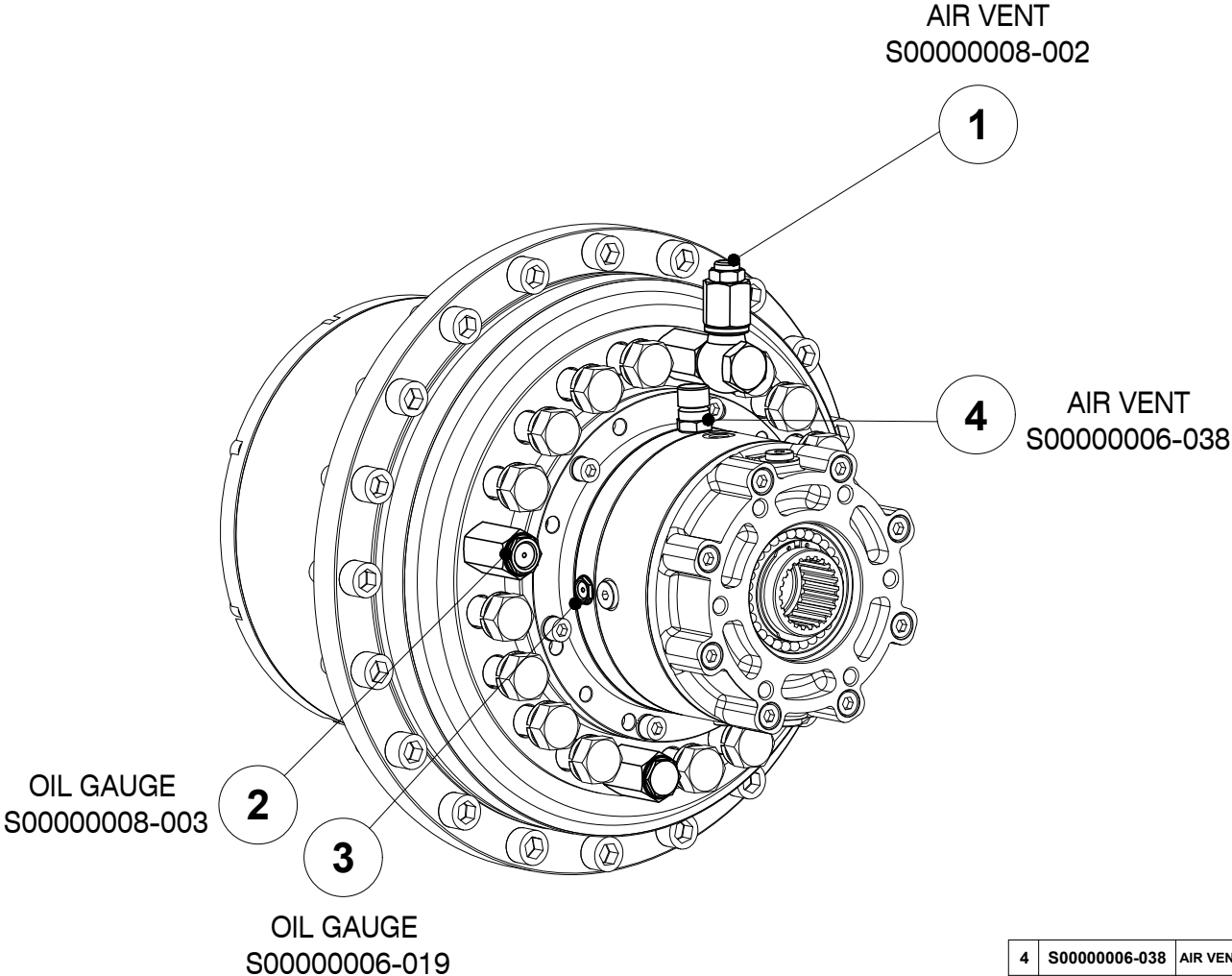
6	S00000019-001	FILTER ELEMENT	1 EA	
5	S00000025	OIL LEVEL GAUGE	1 EA	
4	S00000023	QUICK COUPLER WITH CAP, FEMALE	1 EA	
3	S00000021	QUICK COUPLER WITH CAP, MALE	1 EA	
2	S00000020	HEX. BOLT & S/W	4 SET	
1	S00000019	RETURN FILTER	1 EA	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS


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APPROVED	DESIGNED		<b>ZENITH MARINETECH</b>
BY :	BY :		
DOC. NAME : <b>MAIN CONTROL</b>			

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HOISTING REDUCTION GEAR - S00000008



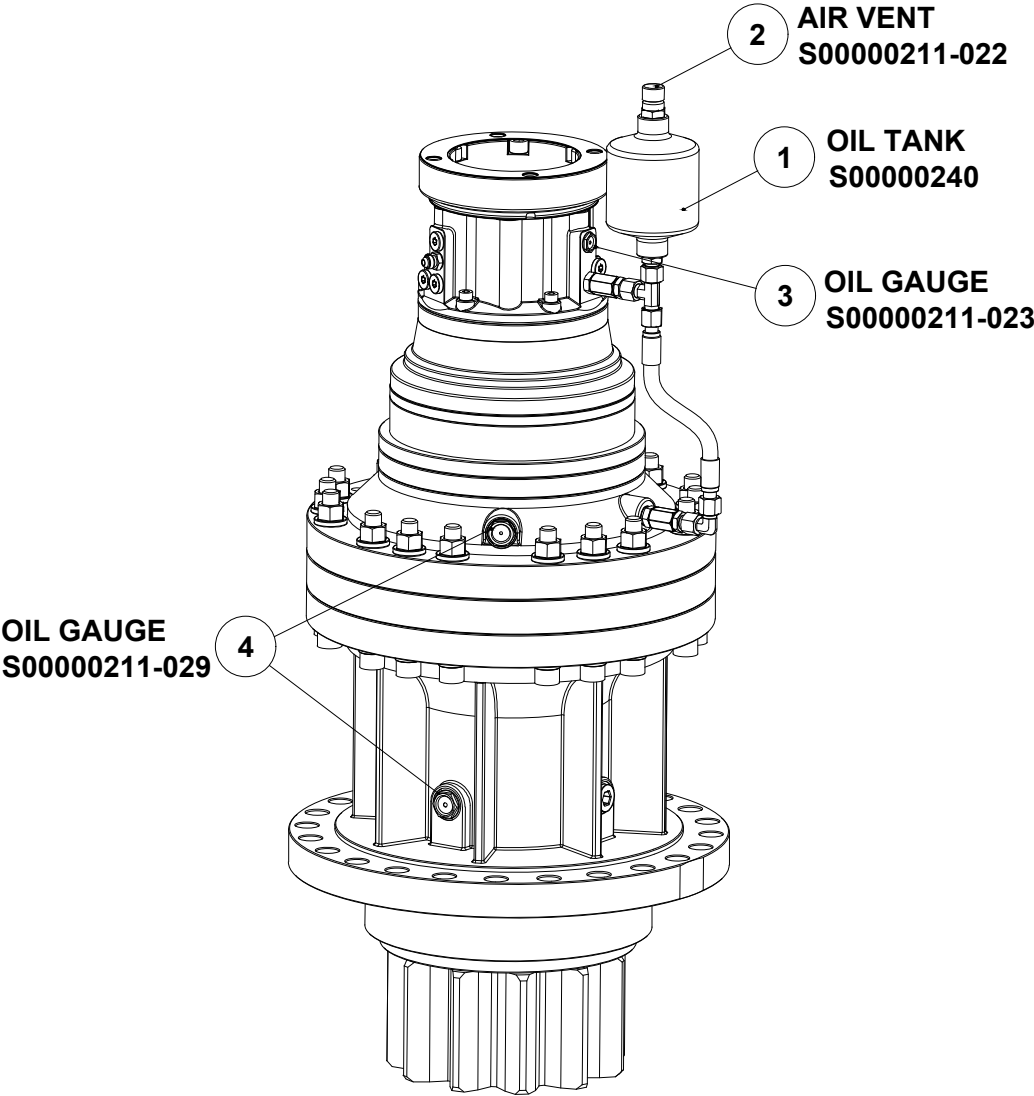
4	S00000006-038	AIR VENT	1 EA	
3	S00000006-019	OIL GAUGE	1 EA	SIGHT GLASS
2	S00000008-003	OIL GAUGE	1 EA	SIGHT GLASS
1	S00000008-002	AIR VENT	1 EA	
NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
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APPROVED			DESIGNED	 <b>ZENITH MARINETECH</b>
BY :			BY :	
DOC. NAME : <b>REDUCTION GEAR</b>				


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SLEWING REDUCTION GEAR ASS'Y - S00000211

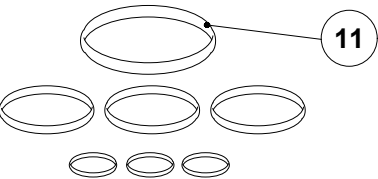
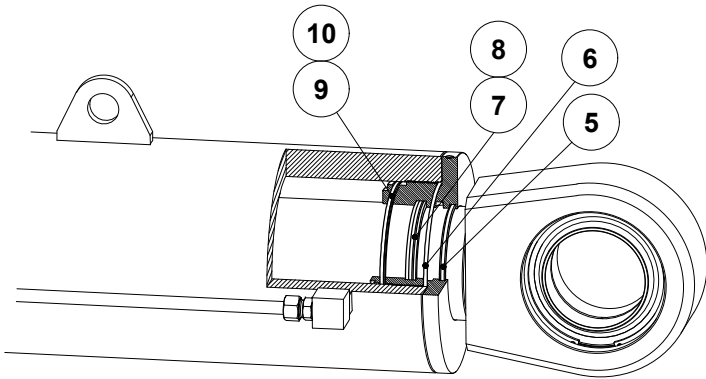
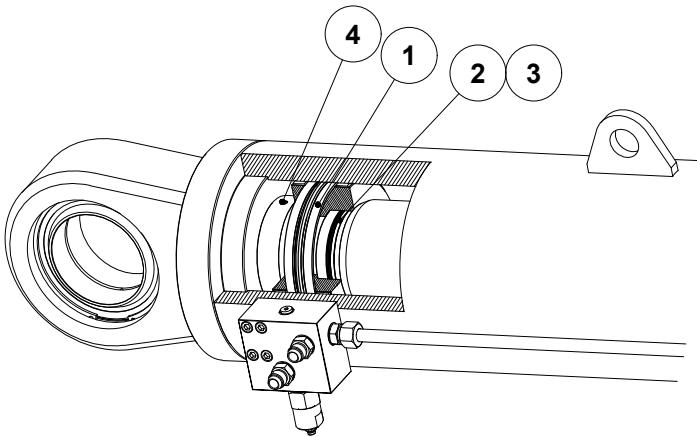
- LEAKAGE



4	S00000211-029	OIL GAUGE	2 EA	SIGHT GLASS
3	S00000211-023	OIL GAUGE	1 EA	SIGHT GLASS
2	S00000211-022	AIR VENT	1 EA	
1	S00000240	OIL TANK	1 SET	
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APPROVED			DESIGNED	
BY :			BY :	
				
DOC. NAME :				
SLEWING WINCH ASSY				

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LUFFING CYLINDER ASS'Y - S00000059



CYLINDER SEAL KIT S00000059-016  
INCLUSIVE ALL ITEMS IN LIST

11	S00000059-016	CYLINDER SEAL KIT	1 SET	ALL IN LIST
10	S00000059-026	BACK UP RING	1 EA	
9	S00000059-025	O-RING	1 EA	
8	S00000059-024	BACK UP RING	1 EA	
7	S00000059-023	ROD PACKING	1 EA	
6	S00000059-022	O-RING	1 EA	
5	S00000059-021	DUST SEAL	1 EA	
4	S00000059-020	SET SCREW	1 EA	
3	S00000059-019	BACK UP RING	2 EA	
2	S00000059-018	O-RING	1 EA	
1	S00000059-017	PISTON PACKING	1 EA	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS

APPROVED

BY :

DESIGNED

BY :

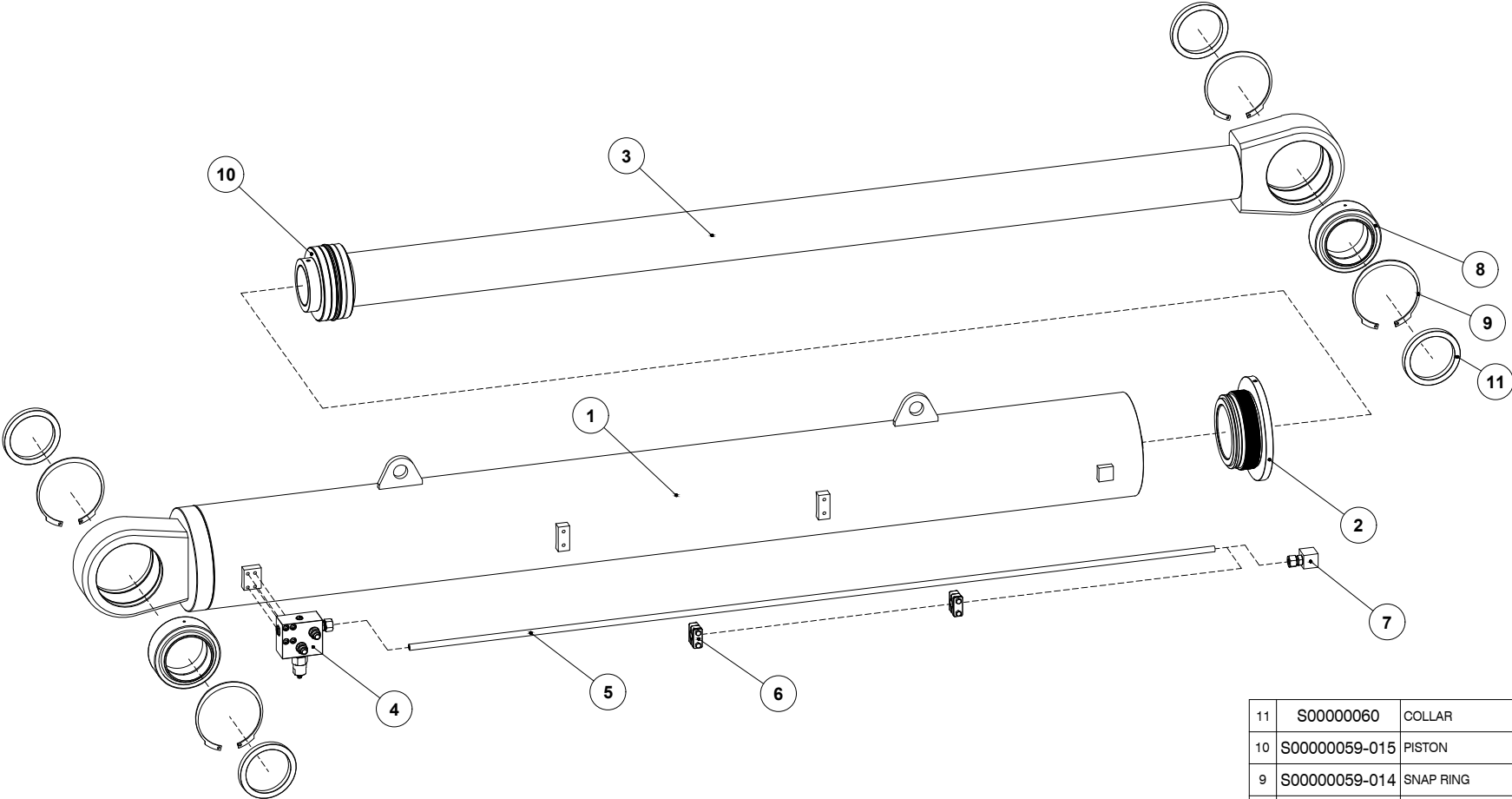
DOC. NAME :

LUFFING CYLINDER ASS'Y

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LUFFING CYLINDER ASS'Y




11	S00000060	COLLAR	4 EA	
10	S00000059-015	PISTON	1 EA	
9	S00000059-014	SNAP RING	4 EA	
8	S00000059-013	BEARING	2 EA	
7	S00000059-011	PORT BLOCK	1 EA	
6	S00000059-009	PIPE CLAMP	2 SET	INCL. BOLT
5	S00000059-008	OIL PIPE	1 EA	
4	S00000059-004	CYLINDER BLOCK	1 SET	
3	S00000059-003	ROD WITH I-KNUCKLE	1 SET	
2	S00000059-002	ROD COVER	1 EA	
1	S00000059-001	TUBE WITH HEAD COVER	1 SET	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS

APPROVED

BY :

DESIGNED

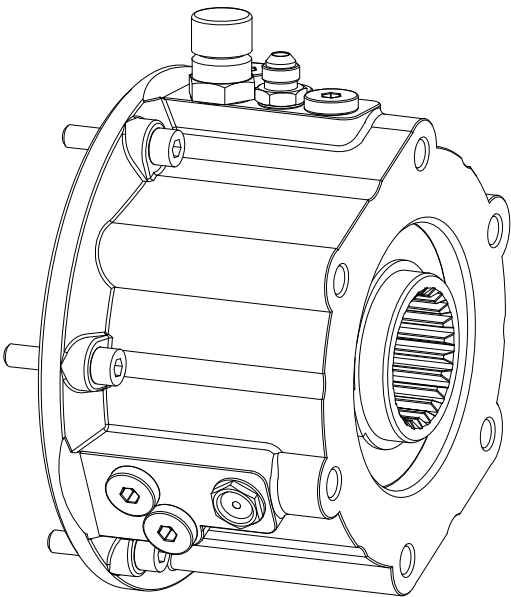
BY :

**ZENITH  
MARINETECH**

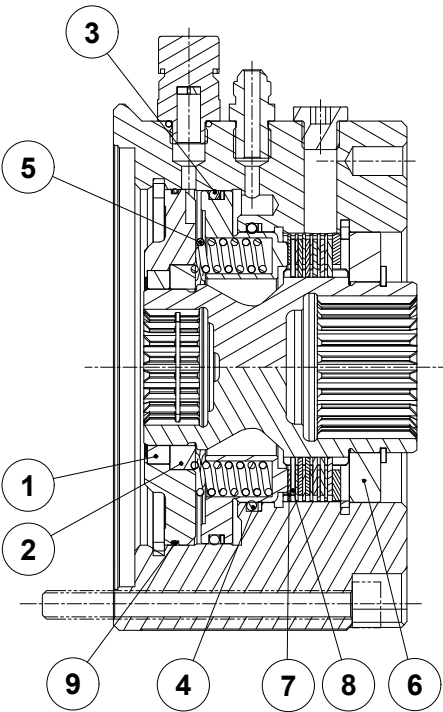
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SLEWING BRAKE ASS'Y - S00000211



**BRAKE REPAIR KIT S00000211-027**  
**INCLUSIVE ALL ITEMS IN LIST**



**Section view**


10	S00000211-027	BRAKE REPAIR KIT	1	ALL IN LIST
9	S00000211-019	O-RING	1	
9	S00000211-019	O-RING	1	
8	S00000211-018	LINING SET	6	
7	S00000211-017	DISK SET	6	
6	S00000211-015	BEARING	1	
5	S00000211-010	SPRING	16	
4	S00000211-009	O-RING	1	
3	S00000211-006	O-RING	1	
2	S00000211-004	BEARING	1	
1	S00000211-003	OIL SEAL	1	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS

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BY :

DESIGNED

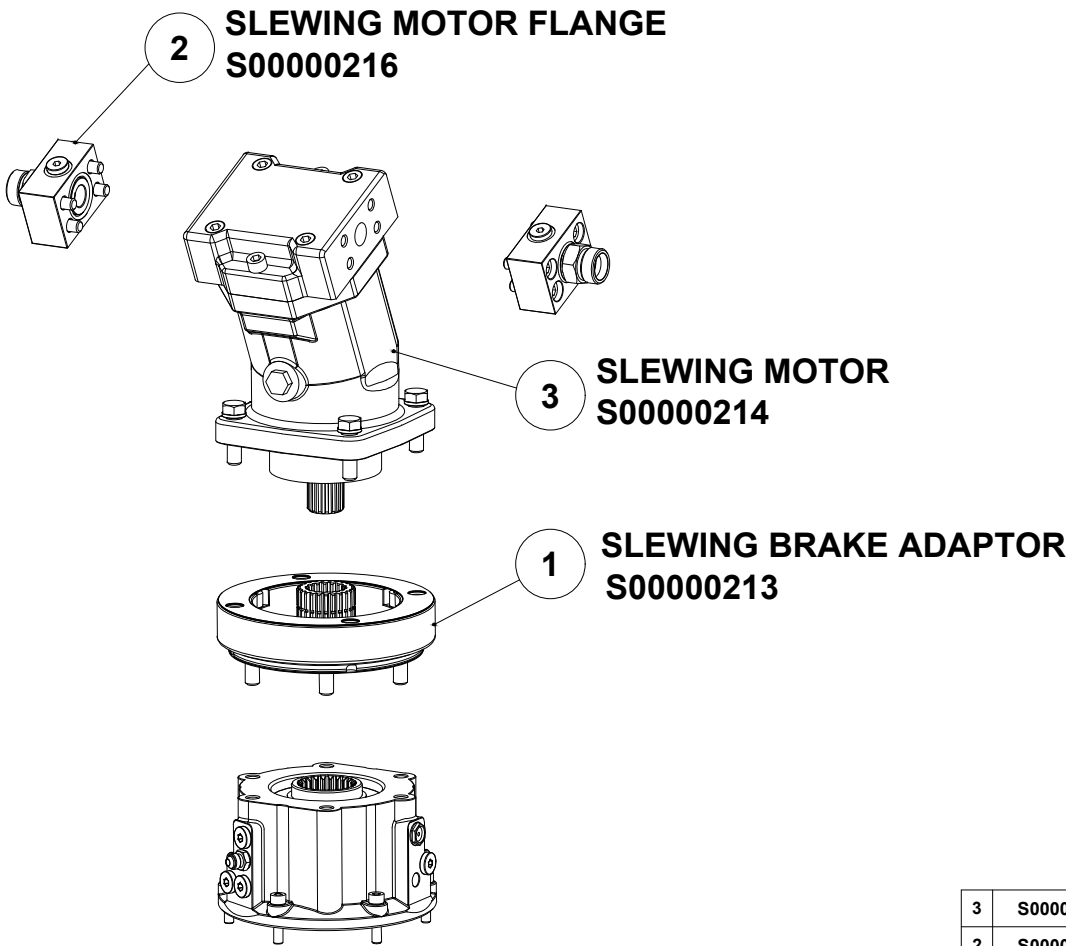
BY :

**ZENITH  
MARINETECH**

DOC. NAME :  
**SLEWING BRAKE ASS'Y**

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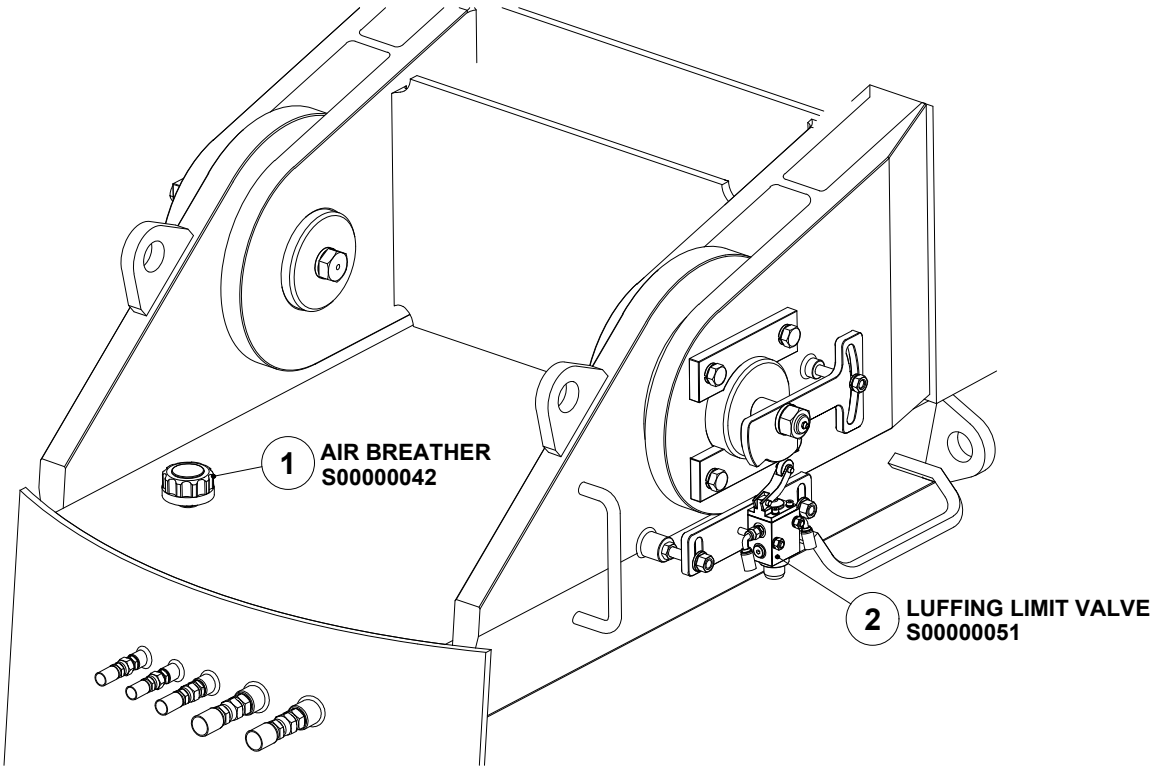
SLEWING WINCH




3	S00000214	SLEWING MOTOR	1 SET	
2	S00000216	SLEWING MOTOR FLANGE	2 SET	
1	S00000213	SLEWING BRAKE ADAPTOR	1 SET	
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BY :			BY :	
DOC. NAME : <b>SLEWING WINCH ASSY</b>				

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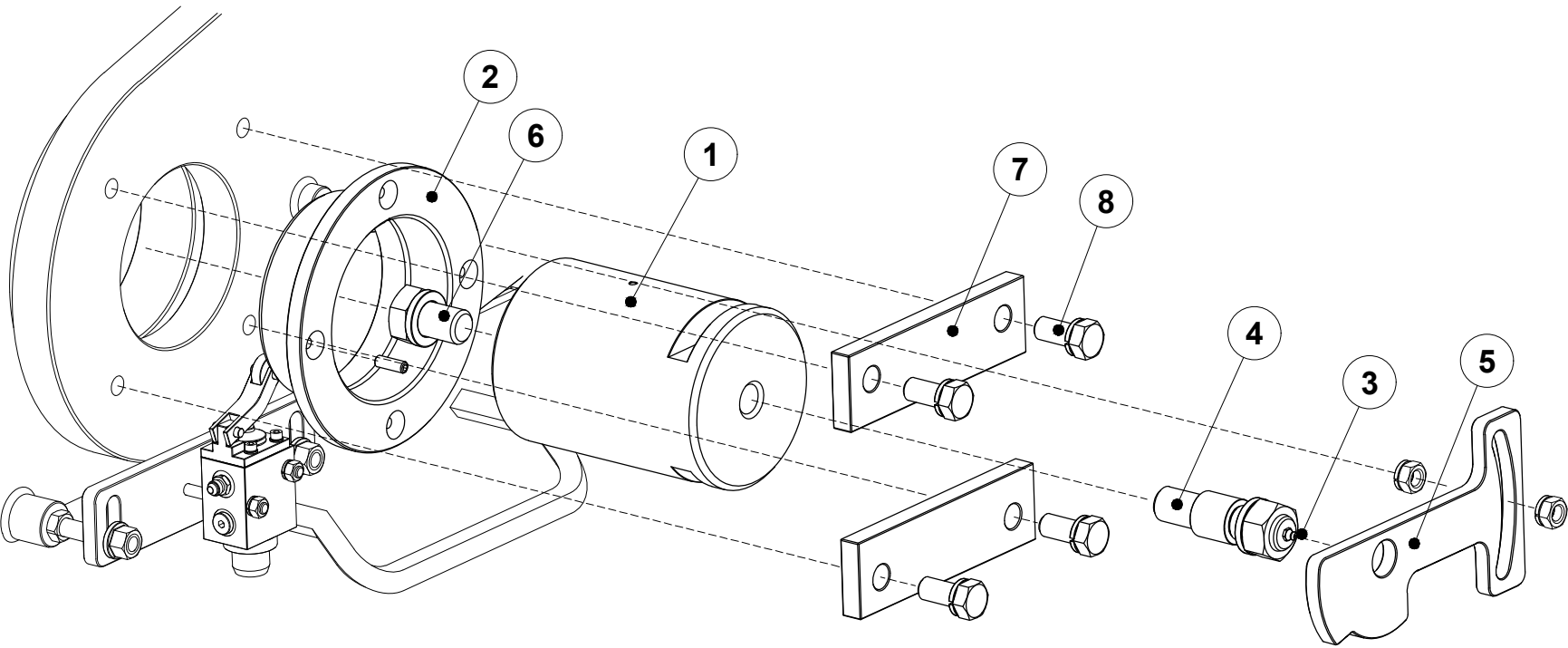
UPPER POST



2	S00000051	LUFFING LIMIT VALVE	1 EA	
1	S00000042	AIR BREATHER	1 EA	
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DOC. NAME :			<b>UPPER POST</b>	

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JIB HINGE




8	S00000049	HEX BOLT & S/W	8 SET	
7	S00000048	KEY PLATE	4 EA	
6	S00000047	GREASE HEX BOLT	3 EA	
5	S00000045	LUFFING LIMIT STRIKE	1 EA	
4	S00000044	GREASE BOLT WITH NUT, S/W	1 EA	
3	S00000043	GREASE NIPPLE	4 EA	
2	S00000041	JIB HING BUSH WITH SET SCREW	2 SET	
1	S00000040	PIN	2 EA	
NO.	PART NO.	DESCRIPTION	QTY	REMARKS

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BY :

DESIGNED

BY :

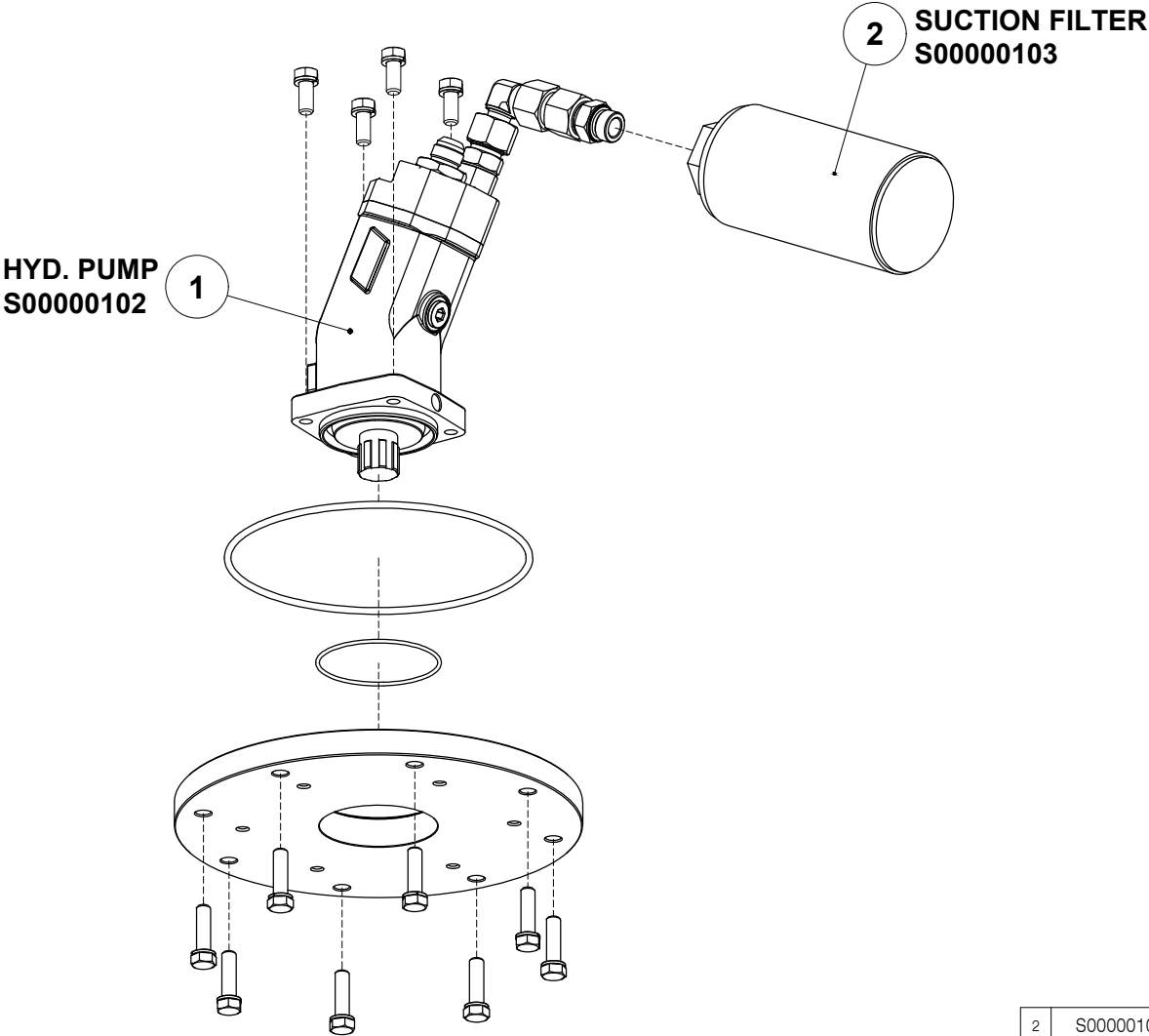


**ZENITH  
MARINETECH**


DOC. NAME :  
**JIB HINGE**

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OIL TANK

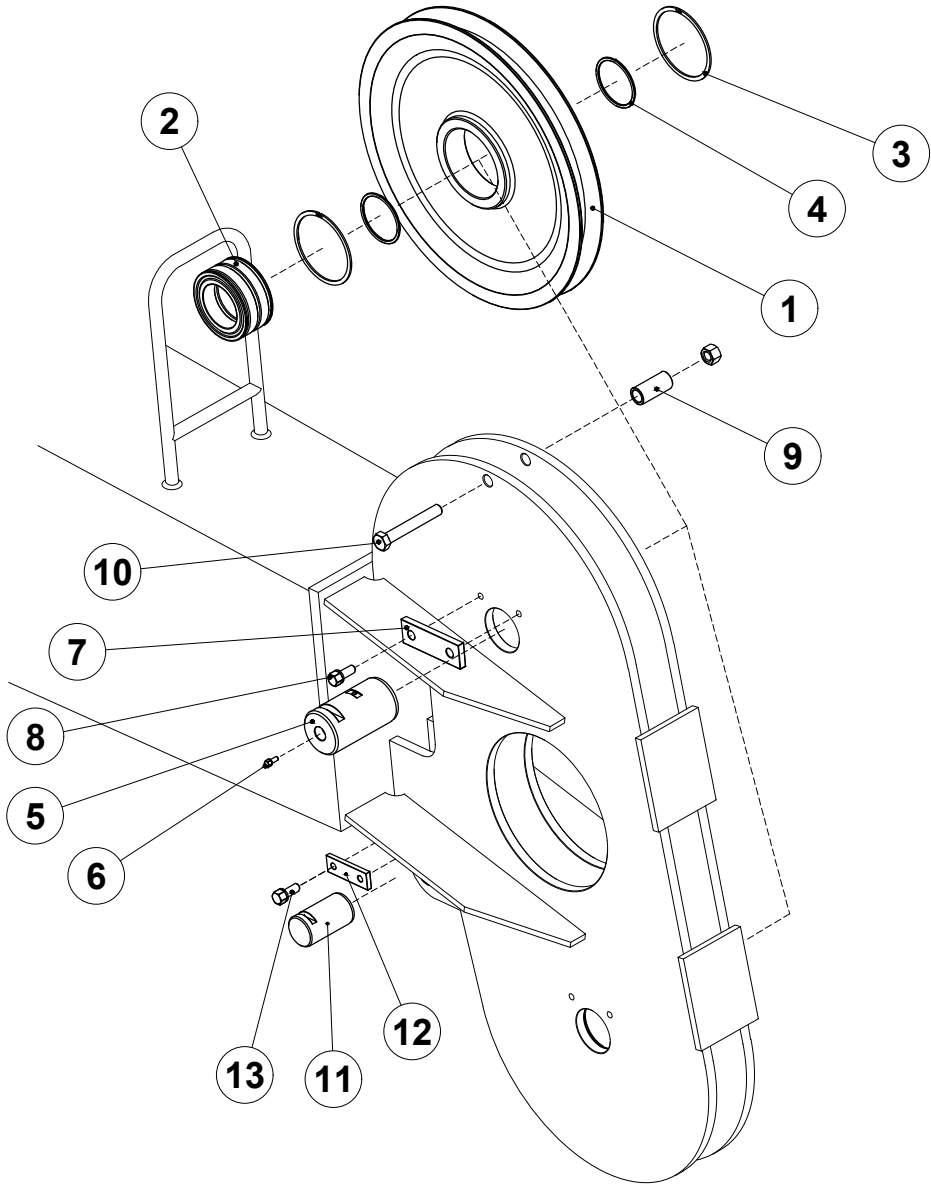


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2	S00000103	SUCTION FILTER	1 EA	
1	S00000102	HYD. PUMP	1 EA	INCL. BOLT
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			 <b>ZENITH MARINETECH</b>	
DOC. NAME : <b>OIL TANK</b>				



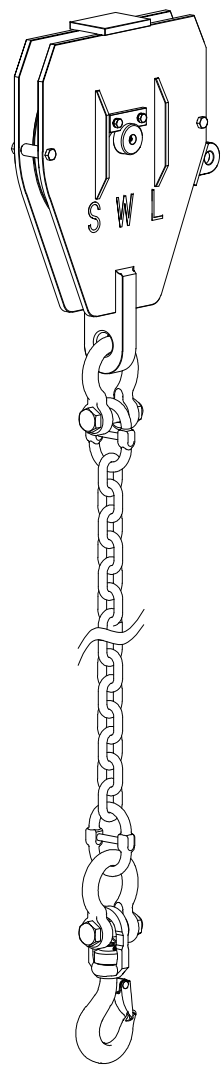
JIB HEAD




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13	S00000039	HEX BOLT & S/W	1 SET	
12	S00000038	KEY PLATE	1 EA	
11	S00000037	PIN	1 EA	
10	S00000036	HEX BOLT & NUW, S/W	1 SET	
9	S00000035	SPACER PIPE	1 EA	
8	S00000034	HEX BOLT & S/W	4 SET	
7	S00000033	KEY PLATE	2 EA	
6	S00000032	GREASE FITTING	2 EA	
5	S00000031	PIN	2 EA	
4	S00000030	COLLAR	6 EA	
3	S00000029	SNAP RING	6 EA	
2	S00000028	BEARING	3 EA	
1	S00000027	SHEAVE	3 EA	
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BY :			BY :	
DOC. NAME : <b>JIB HEAD</b>				

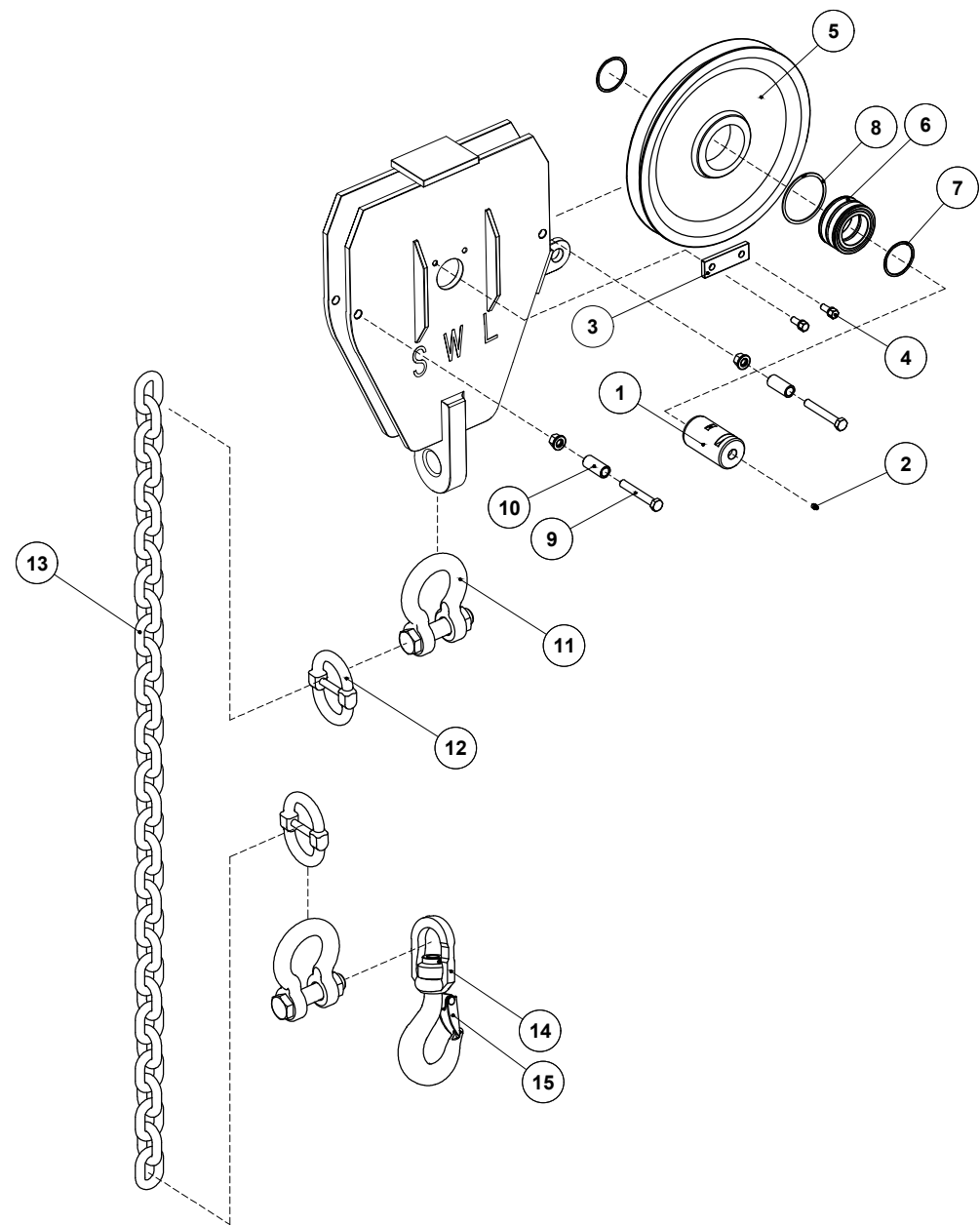
HOOK BLOCK WITH CHAIN ASS'Y - S00000058



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1	S00000058	HOOK BLOCK WITH CHAIN	1 SET	
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DOC. NAME : <b>HOOK BLOCK WITH CHAIN ASS'Y</b>				

HOOK BLOCK WITH CHAIN ASS'Y



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15	S00000058-017	LATCH KIT	1 SET	
14	S00000058-016	SWIVEL HOOK	1 EA	INCL. LATCH KIT
13	S00000058-015	CHAIN	1 EA	
12	S00000058-014	CONNECTING LINK	2 EA	
11	S00000058-013	SHACKLE	2 EA	
10	S00000058-012	SPACER PIPE	2 EA	
9	S00000058-011	HEX BOLT & S/W	2 SET	
8	S00000058-010	SNAP RING	2 EA	
7	S00000058-009	COLLAR	2 EA	
6	S00000058-008	BEARING	1 EA	
5	S00000058-007	SHEAVE	1 EA	
4	S00000058-006	HEX BOLT & S/W	2 SET	
3	S00000058-005	KEY PLATE	1 EA	
2	S00000058-004	GREASE NIPPLE	1 EA	
1	S00000058-003	PIN	1 EA	
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BY :			BY :  <b>ZENITH MARINETECH</b>	
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