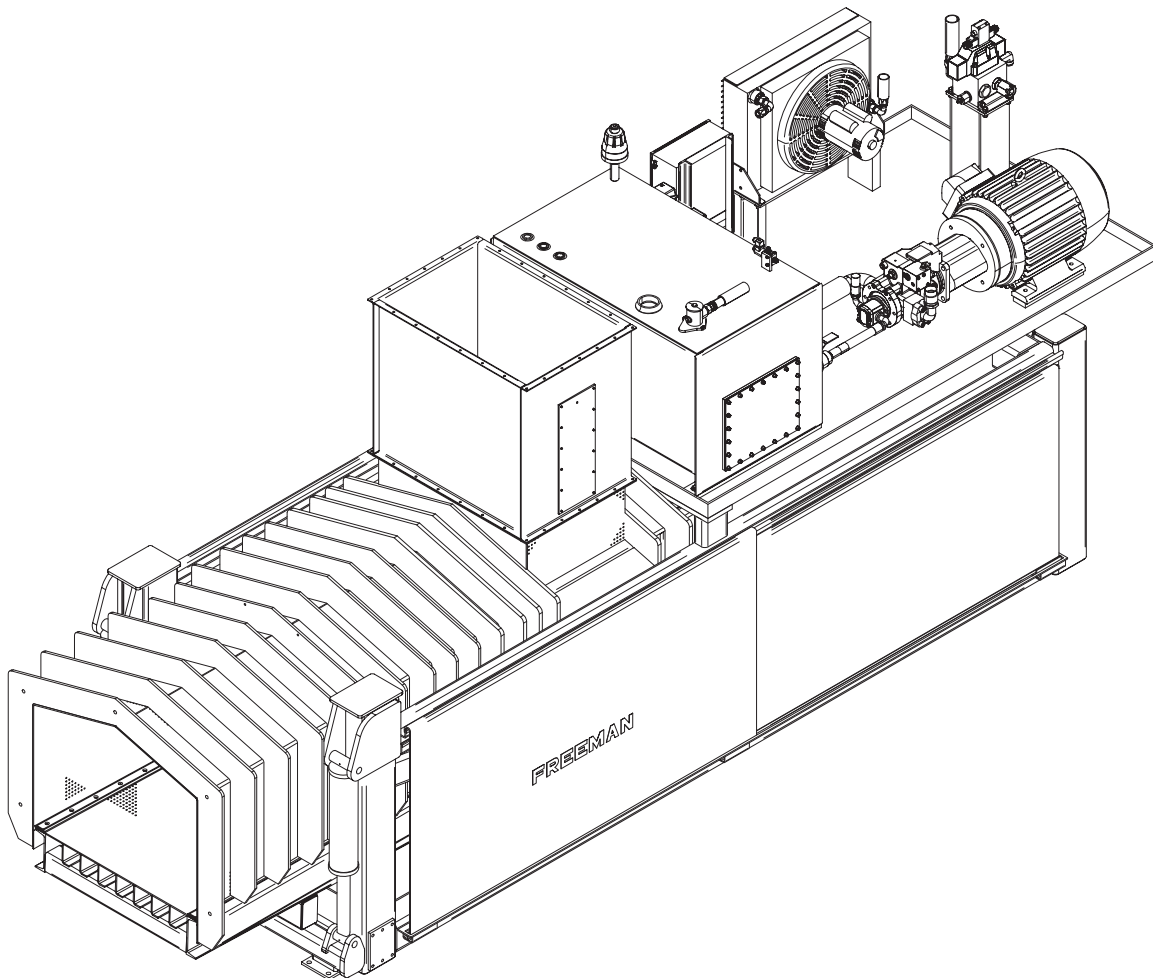


## MODEL WE-5 WATER EXTRACTOR



## PARTS LIST

## SAFETY PRECAUTIONS

### “THE BEST SAFETY DEVICE IS A CAREFUL OPERATOR”

**Do not** clean, lubricate, or make any adjustments on the equipment while it is in operation.

**Do not** start the equipment until you are certain everyone is clear of the machine and have ensured there are no tools on the unit.

**Do not** work around equipment in loose clothing.

**Do not** attempt to service any equipment while the motor is running.

Inspection Covers and Safety Shields should only be removed by authorized service persons.

After servicing **do not** place the equipment back into operation until all Safety Shields and Devices have been replaced. Operation without Safety Shields and Devices can place the operator into a hazardous situation.

**Do not** open or work on the In-Feed System until the flow of material has been stopped and the Baler Motor has been turned off.

**Do not** make any adjustments or reach under any load bearing surfaces while they are loaded.

### INSTRUCT ALL OPERATORS ON SAFETY PRECAUTIONS.



**WARNING: SOME ILLUSTRATIONS IN THIS PARTS LIST SHOW THE BALER WITHOUT SHIELDS TO ALLOW FOR A BETTER VIEW OF THE AREA BEING ADDRESSED. THE BALER SHOULD NEVER BE OPERATED WITH ANY OF THE SAFETY SHIELDS REMOVED.**

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## INTRODUCTION

### HOW TO USE THE MANUAL

This manual contains illustrations and parts lists of components and assemblies which make up the machine. Each page consists of the name of the assembly or component, a reference number, part number, part name and the quantities of the part used.

Assembly or component names help identify the illustration and parts list for each figure. This name also helps locate the general area of the machine where the assembly or component can be located.

Reference numbers shown in a column refers to the numbered parts in the illustration. This ties the part in the illustration to the part number and description in the parts list. Part numbers are used to identify individual parts or part assemblies

Part descriptions provide the name of the part, plus additional information such as dimensional specification and what parts are grouped together to form part assemblies, which helps you identify the parts.

Quantities listed for each illustration are only for that assembly or component and not the total used per machine.

Indent dots are used to indicate assemblies and sub-parts of assemblies. No dot indicates the major assembly. Part descriptions which are indented with dots are sub-parts of the major assembly shown above.

This parts manual is not intended to be a complete guide for machine service or repairs. Contact your dealer for any of your service or technical requirements.

### UPDATING AND REORDERING MANUALS

The parts lists, illustrations and specifications in this manual are based on the latest information available at the time of publication. Your machine may have product improvement and options not yet contained in this manual.

A copy of this manual is supplied with each machine. Additional copies are available through you dealer. When ordering additional manuals, use the reorder number listed on the front cover and the quantity needed.

## SERIAL NUMBER LOCATION AND BALER IDENTIFICATION

Each Freeman Baler is identified by means of a baler model number and baler serial number. As a further identification, all power units are provided with a serial number.

To ensure prompt, efficient service when ordering parts or requesting repairs from your authorized Freeman dealer, record the serial numbers in the spaces provided.

**BALER SERIAL NUMBER** \_\_\_\_\_

Front of baler frame under oil cooler.

**POWER UNIT SERIAL NUMBER**  
Electric Motor- \_\_\_\_\_

Left side, near connection box.

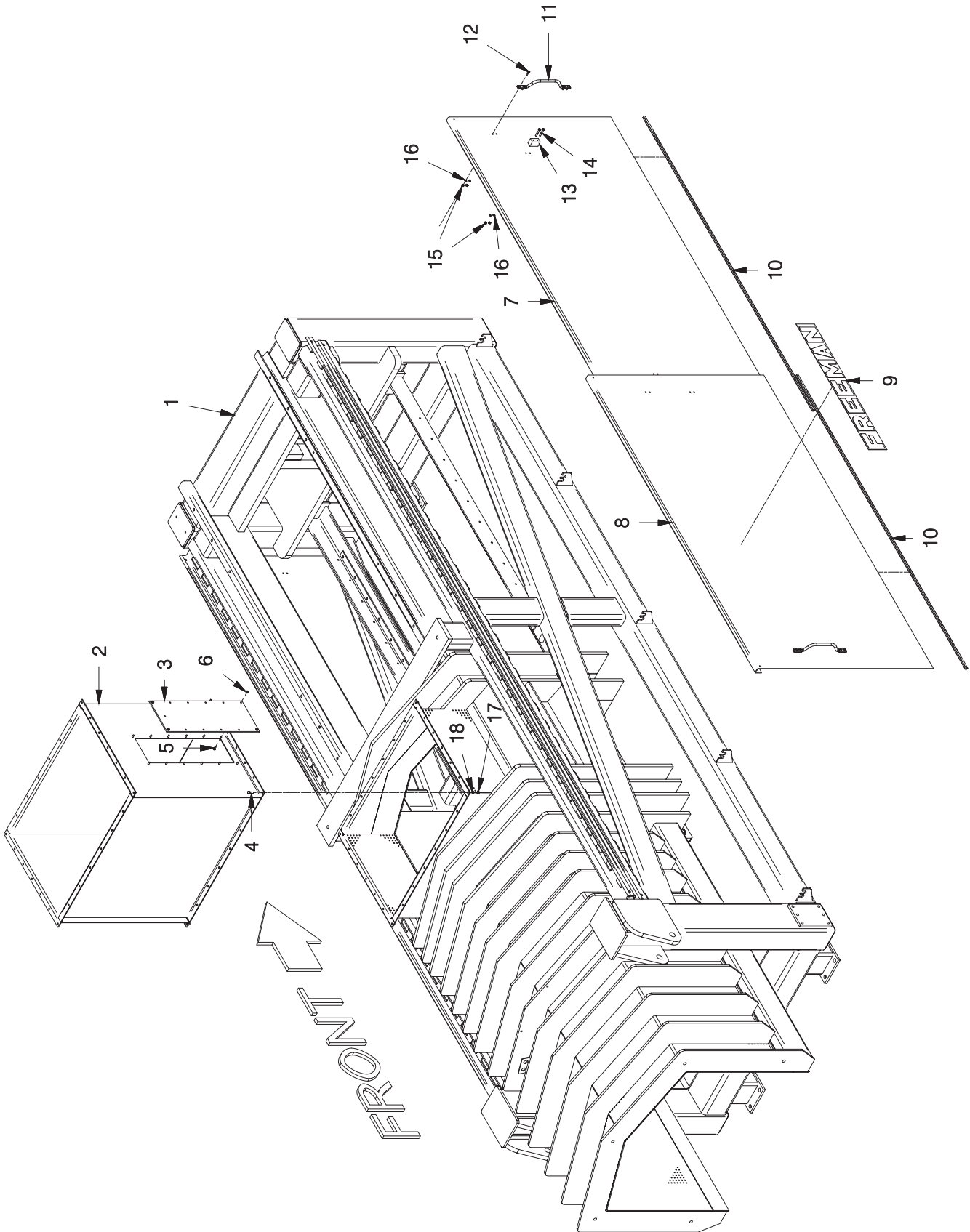
NOTE: The motor and pump end is considered the front of the baler. The sides are described as left-hand side and right-hand side as viewed from behind while facing the baling chamber from the rear.

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### FRAME

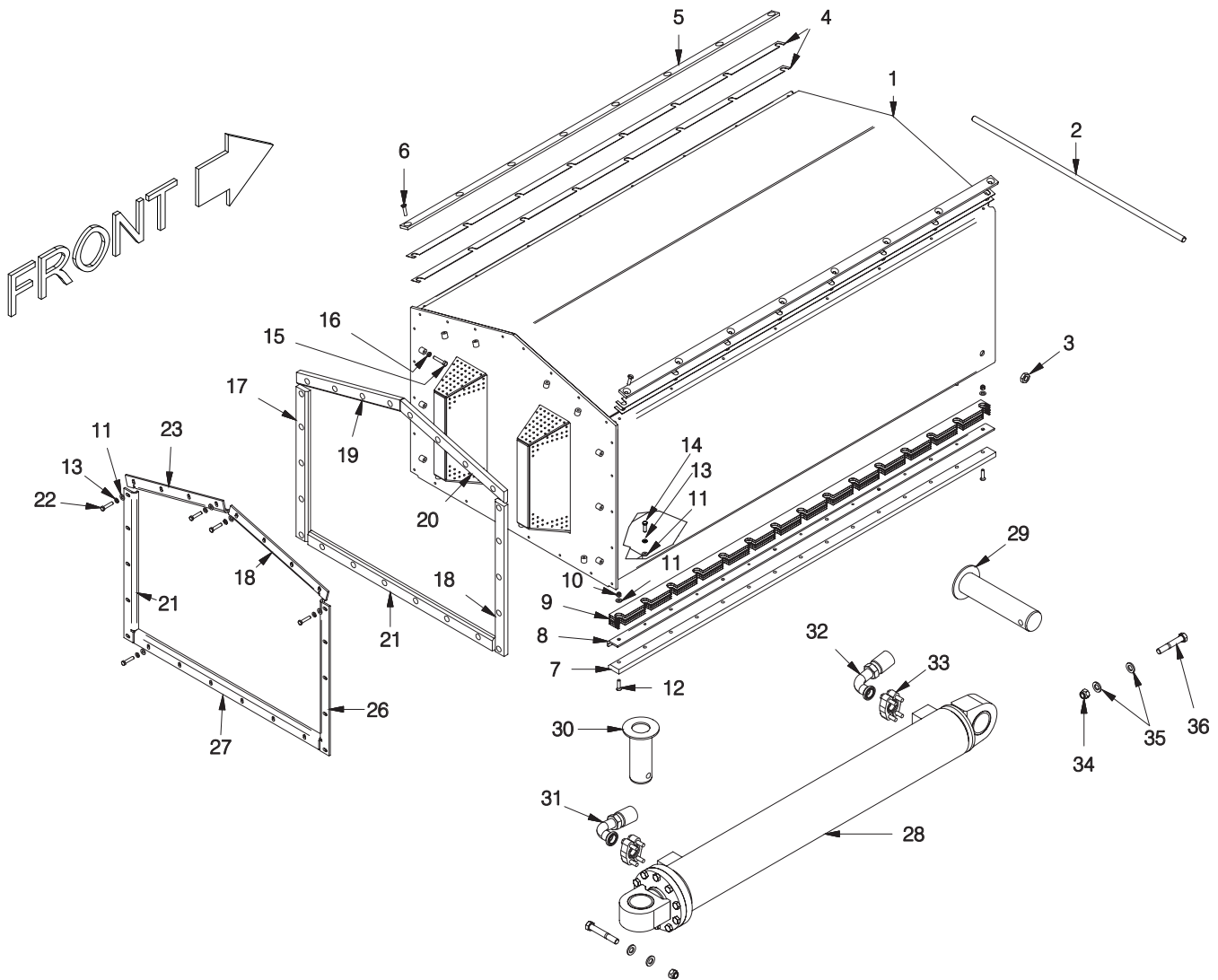


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**FRAME**

REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	900894	FRAME ASSY,MAIN WE5	1
2	900923	INFEED CHUTE ASSY WE5	1
3	WND0024498	WINDOW	1
4	SCCS000202	HEX HD CS NC 5/16"X 1" -SS	26
5	SMTS001001	MACHINE SCREW	12
6	234170	NUT, ESNA; 1/4 NC (SS)	12
7	901647	INNER DOOR	2
8	901648	OUTER DOOR	2
9	FD00007111	DECAL;D; FREEMAN	2
10	225871	TRIM, EDGE	4
11	HAN0000817	HANDLE, GRAB	4
12	243525	CAPSCREW	16
13	901651	BLOCK,STOP	2
14	230284	CAPSCREW	4
15	R13811173	HEX NUT NC 1/4 - PLATED	16
16	223871	LOCKWASHER 1/4"	16
17	235554	WASHER, LOCK	26
18	236051	NUT, HEX; 5/16 NC (SS)	26

# PLUNGER

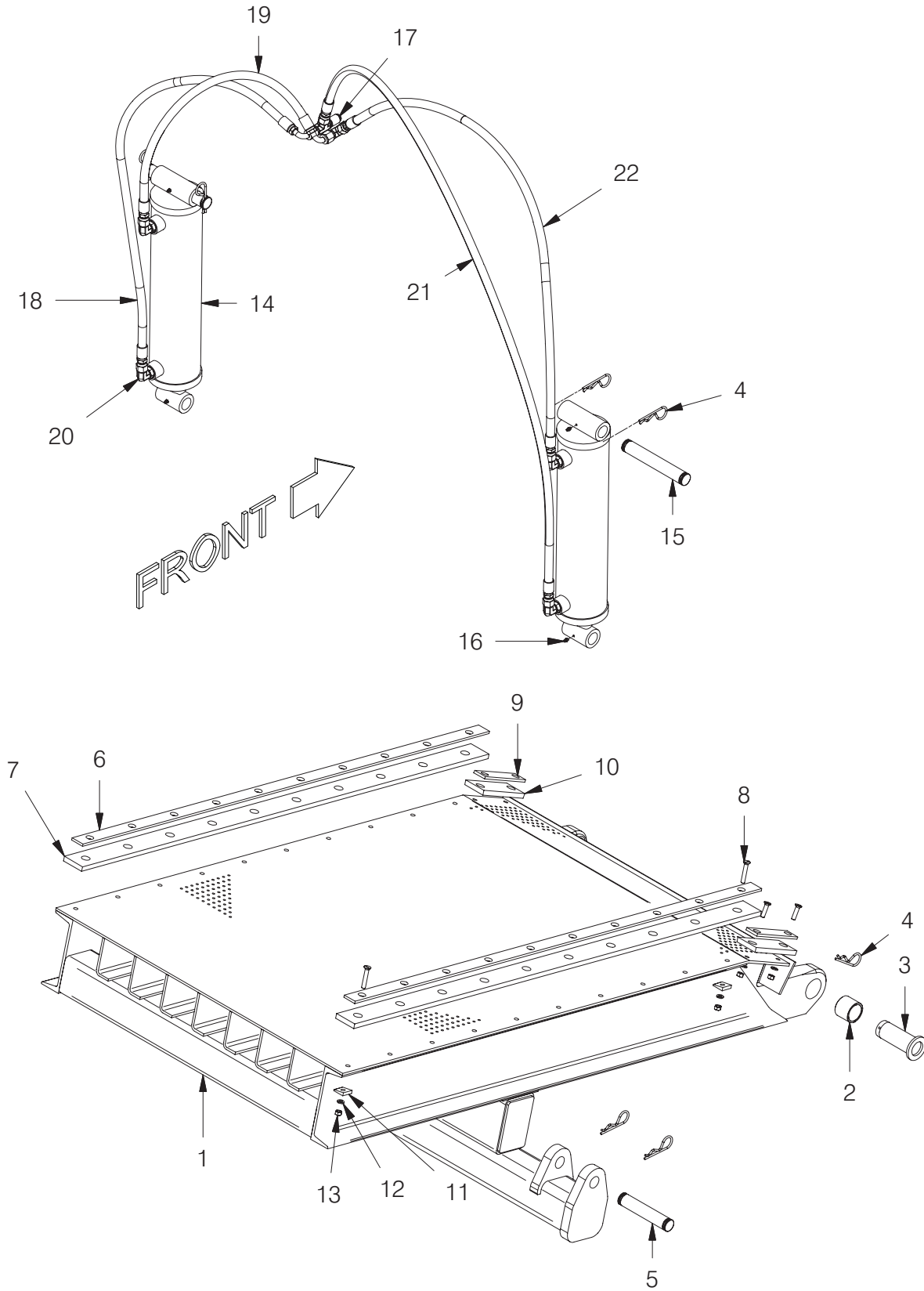




## PLUNGER

REF NO.	PART NO.	DESCRIPTION	QTY. USED	REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	900194	PLUNGER FRAME; WE5	1	20	901032	BAR,RH TOP; UHMW WHITE	1
2	901016	ROD;A; 3/4 NC X 40.5 FULL THD1		21	901056	BAR,BOTTOM; UHMW WHITE	1
3	247008	NUT, JAM; 3/4 NC GR8	4	22	SCCS000305	CAPSCREW	24
4	PLG0025506	PL, TOP SHIM; C; 16GA	A/R	23	901033	PL, LH TOP	1
5	PLG0021900	PL, TOP; UHMW	2	24	901034	PL, RH TOP	1
6	SMFS000304	MACHINE SCREW	16	25	901029	PL, LH BACKUP	1
7	PLG0021920	PL, BTM; D; .75 X 2 X 72.5 UHMW2		26	901030	PL, RH BACKUP	1
8	PLG0025903	PL, BACKUP	2	27	901057	PL, BOTTOM	1
9	SHM0021922	SHIM; D; 16GA	A/R	28	901156	CYLINDER ASSY; WE5	1
10	231851	ESNA NUT NC 3/8 SS	54		901363	SEAL KIT	1
11	WCTS000375	FLATWASHER 3/8	4	29	901604	PIN WLDMT, PIVOT; WE5	1
12	SMFS000304	MACHINE SCREW	30	30	901099	PIN WLDMT, PIVOT WE5	1
13	WLKS000375	WASHER, LOCK	54	31	253469	HOSE ASSY	1
14	SCCS000303	CAPSCREW	30	32	253468	HOSE ASSY	1
15	SQSS375200	HEX NUT NC 1/4 - PLATED	24	33	229449	KIT, SPLIT FLANGE	2
16	NCJS000375	JAM NUT NC 3/8 SS	14	34	233852	NUT, ESNA; 3/4 NC -SS	2
17	901028	BAR, RH UHMW WHITE	1	35	234173	WASHER, FLAT; 3/4 -SS	2
18	901027	BAR, LH UHMW WHITE	1	36	SCCS000812	HEX HD CS NC 3/4 X 4-1/2 -SS	2
19	901031	BAR, LH TOP; UHMW WHITE	1				

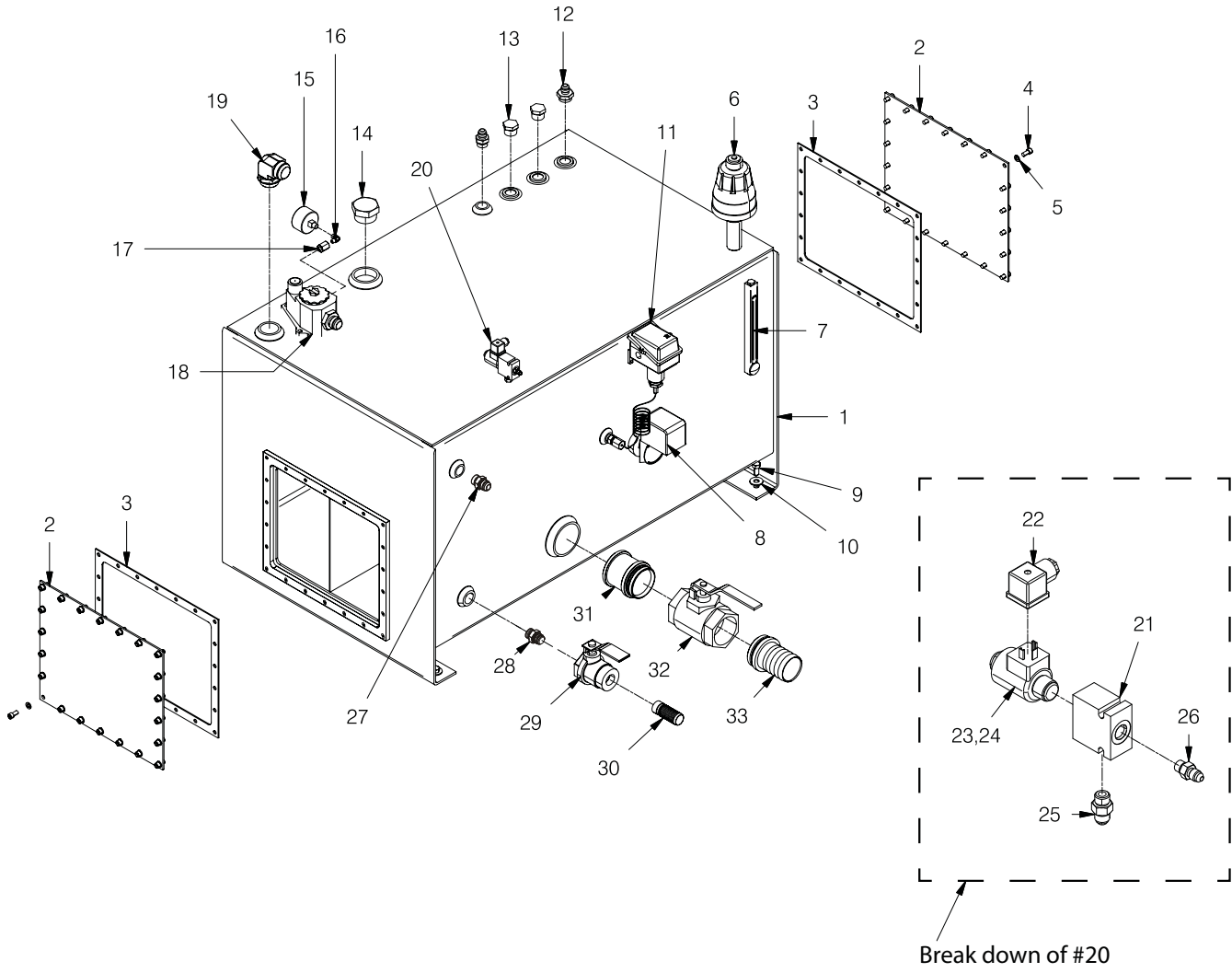
### RESTRICTOR RAIL



## RESTRICTOR RAIL

REF NO.	PART NO.	DESCRIPTION	QTY. USED	REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	900965	PLUNGER FRAME WE5	1	12	WLKS000375	WASHER, LOCK	24
2	901230	BUSHING	1	13	NCHS000375	HEX NUT NC 3/8" - SS	24
3	901481	PIN PIVOT; RESTRICTOR RAIL	2	14	902345	CYLINDER	2
4	F000006511	HAIRPIN FOR CYLINDER PIN	10		253691	SEAL KIT	
5	901646	PIN, BOTTOM	2	15	901645	PIN	2
6	RAL0021933	PL, BACKUP	2	16	11079	FITTING, LUBE	4
7	RAL0021932	PL, RAIL	2	17	R12579595	FITTING	2
8	SMFS000308	MACHINE SCREW	24	18	253464	HOSE ASSY	1
9	RAL0021935	PL, BACKUP	2	19	HOS0027352	HOSE ASSY	1
10	RAL0021934	BAR; UHMW	2	20	231921	FITTING; EL	4
11	WASS000143	WASHER	20	21	HOS0033050	HOSE ASSY	1
				22	253465	HOSE ASSY	1

# HYDRAULIC TANK ASSEMBLY

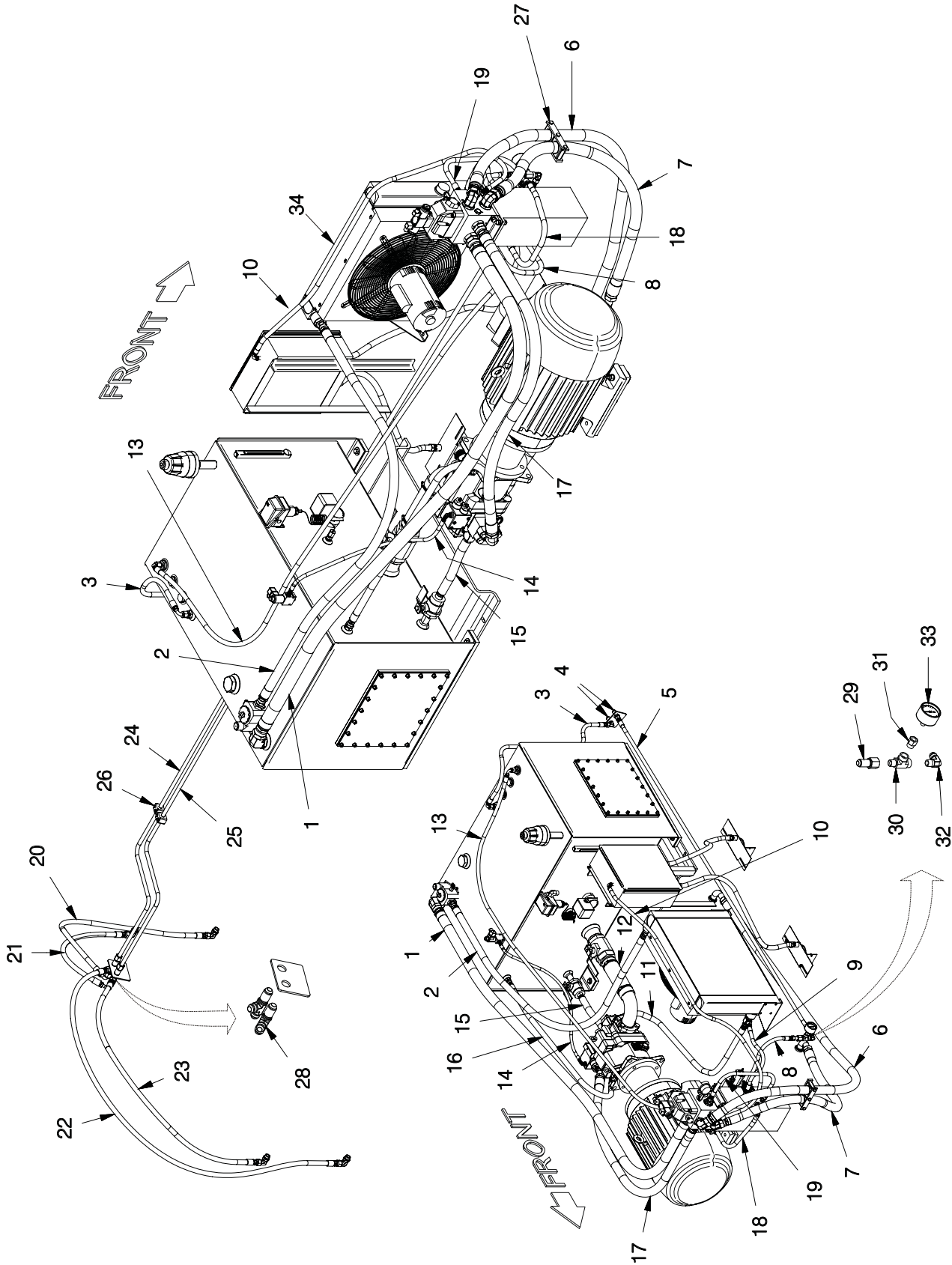


## HYDRAULIC TANK ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	QTY. USED	REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	253670	TANK (150GAL)	1	19	209137	FITTING; EL	1
2	254511	COVER	2	20 *	258585	VALVE 2-WAY SPOOL TYPE	1
3	254512	GASKET	2	21	253783	BODY	1
4	Y09G-0612	HAIRPIN FOR CYL PIN	44	22	253917	DIM	1
5	201567	WASHER, LOCK	44	23	258586	COIL	1
6	253674	FILTER, BREATHER	1	24	230770W	CARTRIDGE	1
7	253675	GAUGE, LEVEL/TEMP	1	25	229347	FITTING; ST	
8	SWI0059037	SWITCH, FLOAT	1	26	211560	FITTING; ST	1
9	223536	CAPSCREW	4	27	209215	FITTING; ST	1
10	R13806985	WASHER, FLAT	4	28	15377	FITTING; ST	1
11	253673	SWITCH, TEMP	1	29	254010	VALVE, BALL	1
12	209208	FITTING	2	30	HYD4404070	1- HOSE X 1 HOSE BARB PIPE	1
13	209919	HEX HEAD STEEL PIPE PLUG	2	31	254136	FITTING; SAS	1
14	13987	FITTING	1		Y098629-236	. O-RING	1
15	254553	CHANGE FILTER GAUGE	1		206308	. BACKUP RING	1
16	19122	FITTING	1	32	253679	VALVE, BALL	1
17	224069	FITTING	1	33	254135	FITTING; HA	1
18	253689	FILTER, RETURN	1		Y098629-236	. O-RING	1
	253690	. FILTER, ELEMENT	1		206308	. BACKUP RING	1

\* 22,25,26 NOT INCLUDED WITH ITEM 20

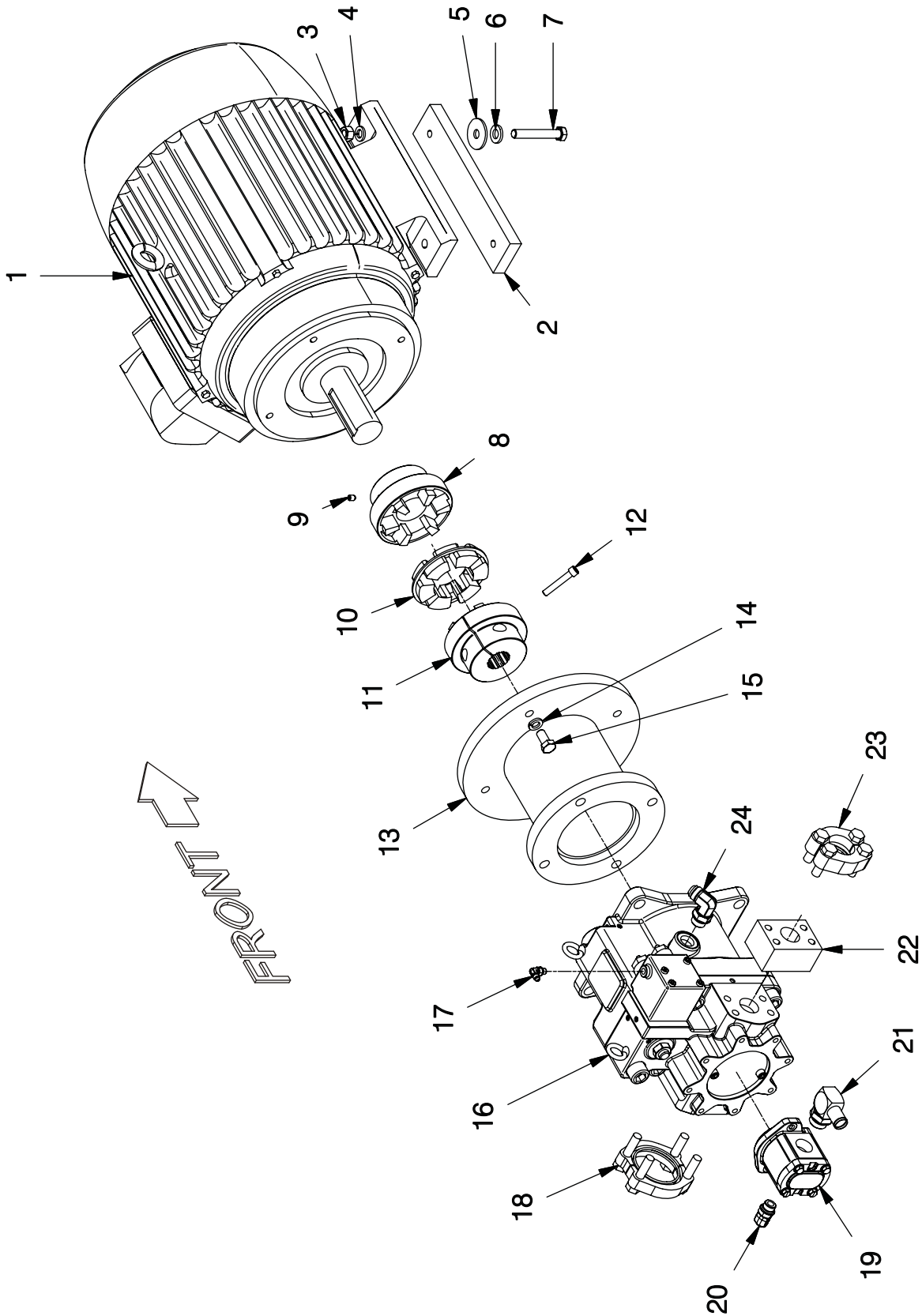
# HOSES



## HOSES

REF NO.	PART NO.	DESCRIPTION	QTY. USED	REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	254203	HOSE ASSY	1	18	232973	HOSE ASSY	1
2	207988	HOSE ASSY	1	19	HOS0029732	HOSE ASSY	1
3	253466	HOSE ASSY	1	20	253464	HOSE ASSY	1
4	244093	FITTING; ST	2	21	HOS0027352	HOSE ASSY	1
5	HOS0031054	HOSE ASSY	1	22	HOS0033050	HOSE ASSY	1
6	253469	HOSE ASSY	1	23	253465	HOSE ASSY	1
7	253468	HOSE ASSY	1	24	901755	TUBE ASSY	1
8	253471	HOSE ASSY	1	25	901754	TUBE ASSY	1
9	R1923375	HOSE ASSY	1	26	247137	CLAMP	2
10	R14784	HOSE ASSY	1	27	225214	CLAMP	1
11	R12577840	HOSE ASSY	1	28	R12579595	FITTING	2
12	249266	HOSE, SUCTION	1	29	046-0325	FITTING	1
13	253467	HOSE ASSY	1	30	26808	FITTING	1
14	233139	HOSE ASSY	1	31	209502	FITTING	1
15	206320	HOSE ASSY	1	32	28503	FITTING	1
16	21707	HOSE ASSY	1	33	245384	GAUGE	1
17	254204	HOSE ASSY	1				

### MOTOR AND PUMP



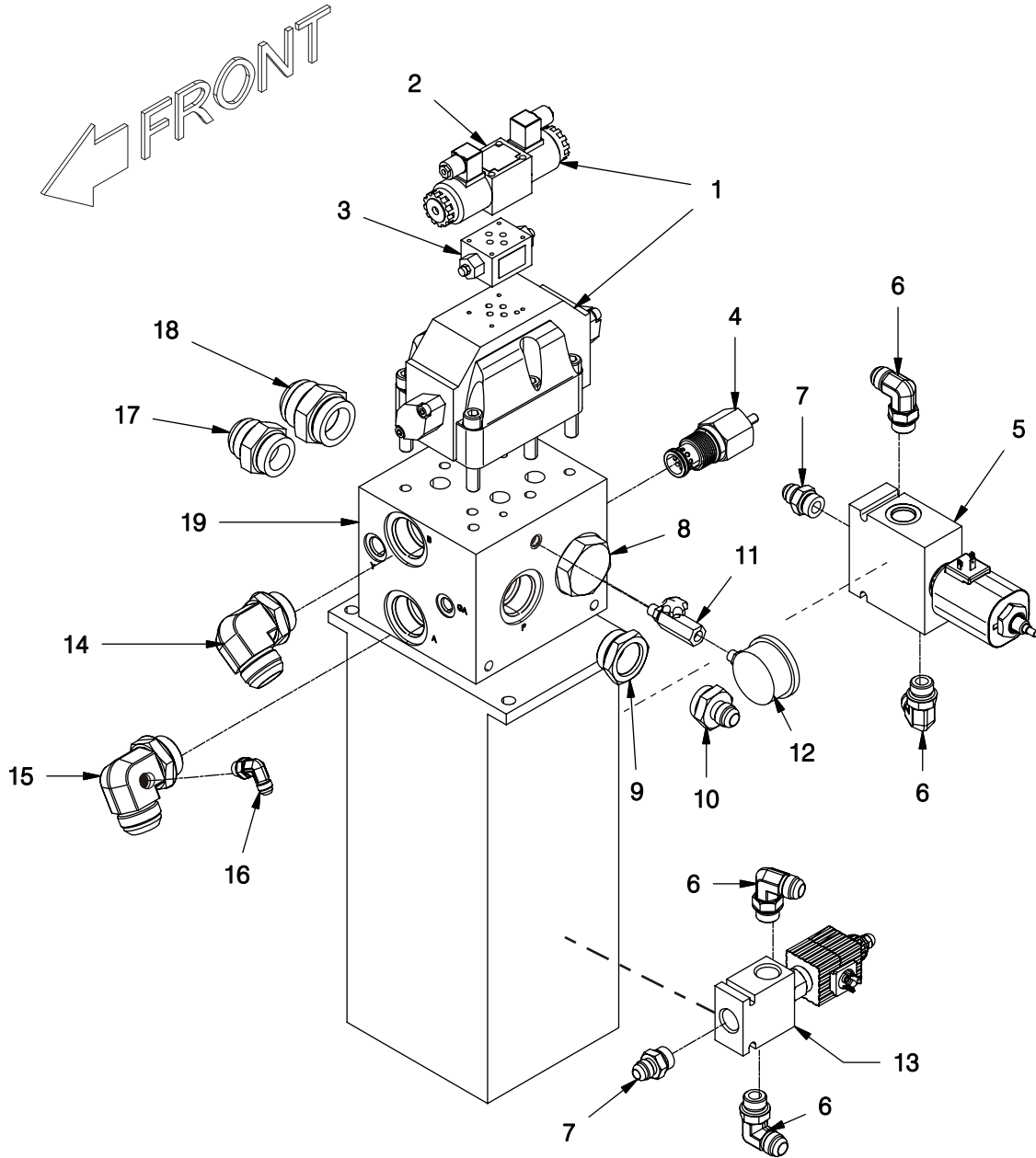


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**MOTOR AND PUMP**

REF NO.	PART NO.	DESCRIPTION	QTY. USED	REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	253671	MOTOR, ELEC;	1	12	27187W	SOCKET HEAD CS NC	1
2	254134	MOTOR, MOUNT	2	13	254548	PUMP/MOTOR MOUNT	1
3	00102639	NUT, HEX	4	14	00103325	WASHER, LOCK	8
4	223694	WASHER, LOCK	4	15	233878	CAPSCREW	8
5	235464	WASHER, FLAT	4	16	253672	PUMP	1
6	3501546	WASHER, HARD	4	17	209486	FITTING; EL	1
7	062X045C8	CAP SCREW NC	4	18	254136	FITTING	1
8	224960	COUPLING, HALF	1	19	253677	PUMP, GEAR	1
9	STS3750500	SOCKET SET SCREW	1	20	209484	FITTING; FF	1
10	237526	INSERT	1	21	253012	FITTING; FF	1
11	253669	COUPLING	1	22	253680	VALVE, CHECK	1
				23	229450	KIT, SPLIT FLANGE	1

# HYDRAULIS MANIFOLD

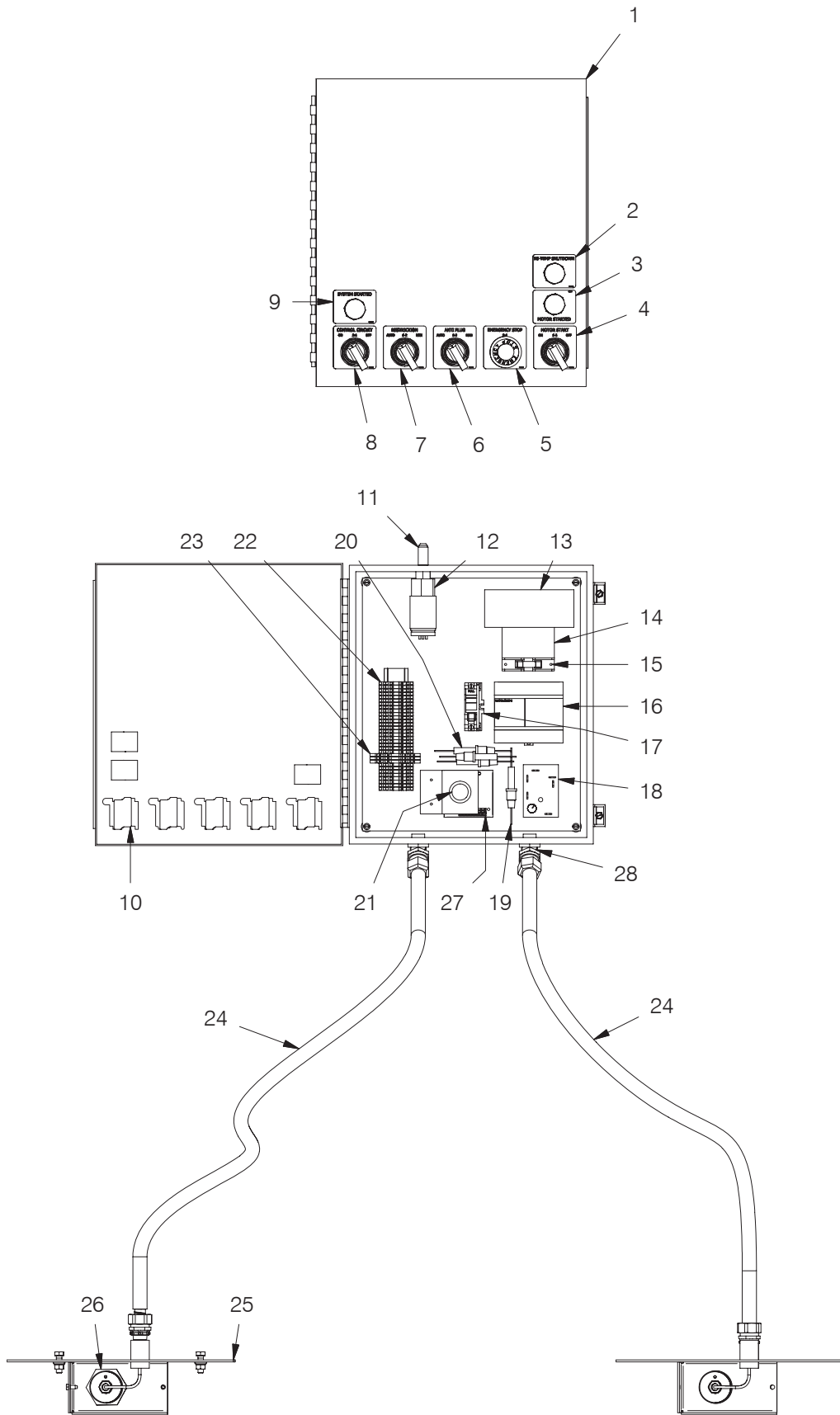


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## HYDRAULIS MANIFOLD

REF NO.	PART NO.	DESCRIPTION	QTY. USED	REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	254127	VALVE, DIR CTRL	1	9	21527	FITTING; ST	1
	254555	. SEAL KIT	1	10	230454	FITTING; ST	1
2	254554	DIR CTRL	1	11	254131	VALVE, FLOW CONTROL	1
	254192	. COIL	2	12	254130	GAUGE, PRESS	1
3	254132	VALVE, THROTTLE	4	13	253686	VALVE ASSY	1
4	254129	VALVE, RELIEF	4		254556	. CARTRIDGE	1
5	253416	VALVE;A; 3-WAY	1		254557	. BODY	1
	254478	. VALVE BODY	1		254558	. SEAL KIT	1
	254477	. COIL, VALVE	1	14	209714	FITTING; EL	1
	254476	. CARTRIDGE, VALVE	1	15	902504	FITTING; EL	1
	254479	. KIT, SEAL	1	16	R13801972	FITTING; EL	1
6	R13807508	FITTING; EL	4	17	209167	FITTING; ST	1
7	209806	FITTING; ST	2	18	211817	FITTING; ST	1
8	209140	FITTING	1	19	254559	MANIFOLD	1

# CONTROL BOX AND PLUNGER SENSORS



## CONTROL BOX AND PLUNGER SENSORS

REF NO.	PART NO.	DESCRIPTION	QTY. USED	REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	244735	BOX, ELEC	1	12	SWI0096201	SWITCH, PRESSURE	1
2	238822	LIGHT, PILOT RED	1	13	254146	POWER SUPPLY	1
	901766	DECAL; HI-TEMP SHUTDOWN	1	14	254224	RELAY, PROTECTION	1
3	238821	LIGHT, PILOT GREEN	1	15	241791	FUSE	1
	901773	DECAL; MOTOR STARTED	1		254878	FUSE BLOCK	1
4	241309	OPERATOR	1	16	247947	CONT, PROGRAMMABLE	1
	901772	DECAL; MOTOR START	1	17	241791	FUSE 10 AMP	1
5	245511	OPERATOR, PUSH-PULL	1		17511	FUSE HOLDER	1
	245512	BUTTON; EMERG STOP, RED	1	18	247201	RELAY, TIME DELAY	1
	901771	DECAL; EMERGENCY STOP	1	19	216103	FUSE HOLDER	1
6	241309	OPERATOR	1		237624	FUSE 5A	1
	901770	DECAL; ANTI PLUG	1	20	216103	FUSE HOLDER	1
7	241309	OPERATOR	1		243609	FUSE 3A	3
	901769	DECAL; RESTRICTION	1	21	KOB0001P2B	POTENTIOMETER KNOB	1
8	241309	OPERATOR	1	22	232237	TERMINAL BLOCK	29
	901768	DECAL; CONTROL CIRCUIT	1	23	241769	DIODE	3
9	232165	FITTING; ST	1	24	CDU0005000	CONDUIT FLEX LIQUATITE 1/2"2	
	901765	DECAL; SYSTEM STARTED	1	25	MNT0024568	MOUNTING WLDMT	2
10	27318	CONTACT BLOCK	5	26	244112	SWITCH, PROX	2
11	HYD5275032	FITTING	1	27	246985	CONTROLLER, VALVE	1
				28	CNR0000112	1/2 45* CONNECTOR	2
				29	CNR0000109	1/2"STR. CONNECTOR	4



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