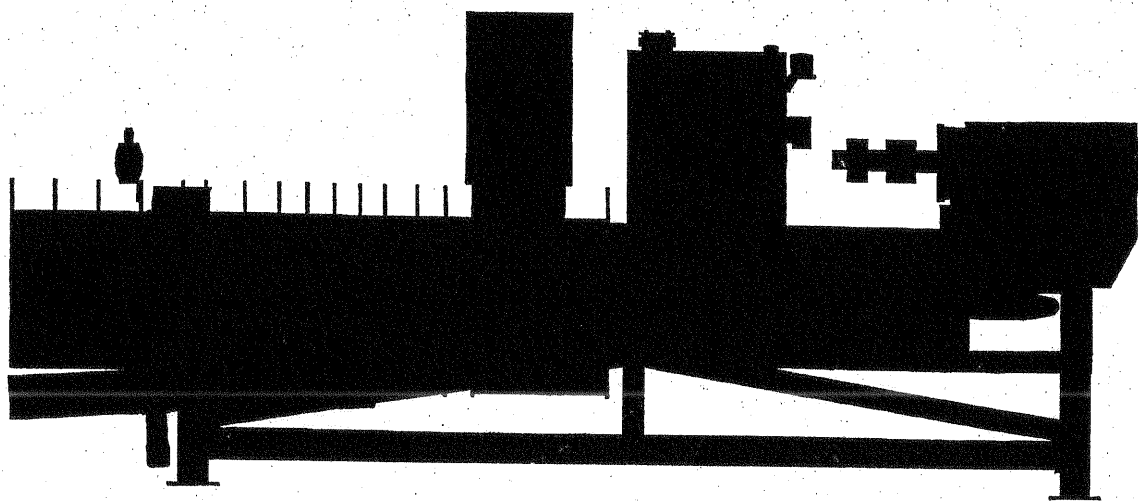


FREEMAN

MODEL WE-4A WATER EXTRACTOR



PARTS LIST

manufactured and distributed by

J. A. FREEMAN & SON, INC.

PORTLAND, OREGON

PB 00WE4A95



WARNING PELIGRO

POWERED BY HIGH VOLTAGE

INPUT POWER MUST BE DISCONNECTED AND, IF POSSIBLE, THE DISCONNECT DEVICE LOCKED IN THE "OFF" POSITION BEFORE OPENING ELECTRICAL BOX OR WORKING ON CIRCUITS.

FAILURE TO FOLLOW THIS WARNING MAY RESULT IN SERIOUS PERSONAL INJURY.

FUERZA DE ALTO VOLTAGE

SE DEBE DESCONECTAR LA ENTRADA ELECTRICA, Y SI ES POSIBLE, ANTES DE ABRIR LA CAJA ELECTRICA O ANTES DE TRABAJAR EN LOS CIRCUITOS, TENER LA PALANCA DE CONECCION ASEGURADA EN POSICION DE APAGADO "OFF."

EL NO SEGUIR ESTA PRECAUCION PUEDE RESULTAR EN UNA LESION PERSONAL SERIA.

FD 0023584



CAUTION PRECAUCION

**SHIELDS ARE FOR YOUR PROTECTION.
KEEP THEM IN PLACE.**

**LOS PROTECTORES SON PARA SU
PROTECCION MANTENERLOS EN SU LUGAR.**

FD 0023572

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.

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

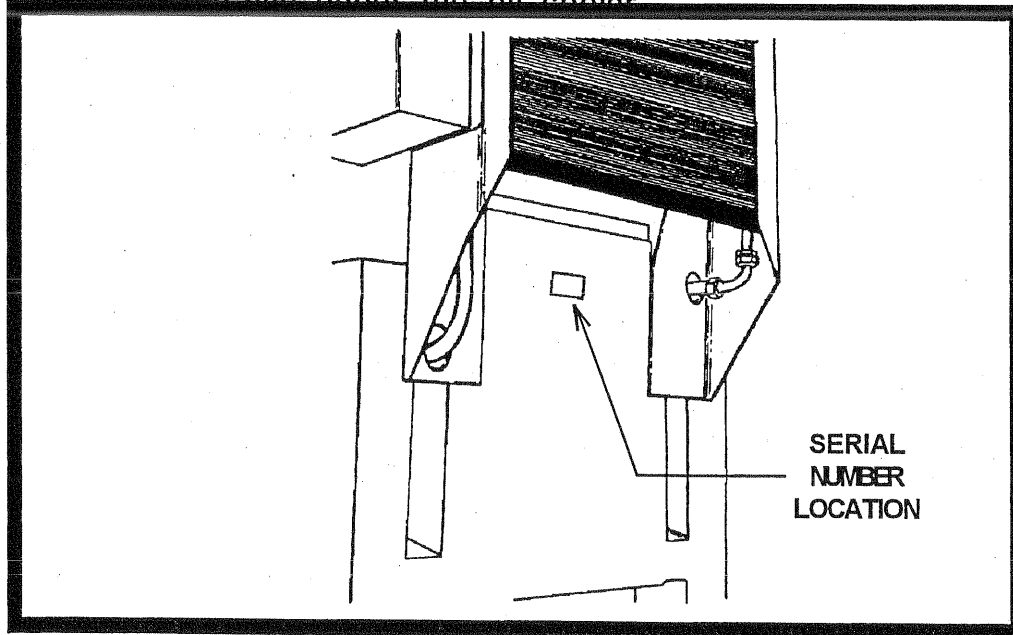
Front of baler frame under oil cooler.

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. The serial number is an important piece of information about the machine and it may be necessary to know it before obtaining the correct replacement part. The serial number is located on the front of the baler frame under the oil cooler.



NOTE: ILLUSTRATIONS ARE FOR "ORDERING" INFORMATION ONLY,
AND ARE NOT INTENDED FOR USE AS AN ASSEMBLY GUIDE.

INSTRUCTIONS FOR ORDERING PARTS

1. Order by part number and description of part.
 - (a) Parts should NOT be ordered from illustration only.
 - (b) Parts should NOT be ordered from numbers on castings.
2. Order by baler serial number and model.
3. Much delay and confusion can be avoided if parts numbers are arranged in sequence on all orders.
4. State how to ship: whether by truck, stage, parcel post, air parcel post, UPS, or air freight.
5. Claims for shortage or error in handling of an order for parts must be made upon receipt of goods.
6. Address all orders for parts as follows:

J.A. Freeman & Son, Inc.
Parts Department,
2034 N.W. 27th Avenue,
Portland, Oregon 97210

Place serial number of machine here for your convenience:

Baler Serial No. _____

Motor Serial No. _____

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

Permission must be secured before any parts are returned for credit. When parts are returned, the freight must be prepaid or arrangements made so that they can be brought in by our trucks.

"N O T E"

Parts are identified by reference numbers. See parts
list

for correct part numbers. DO NOT USE REFERENCE

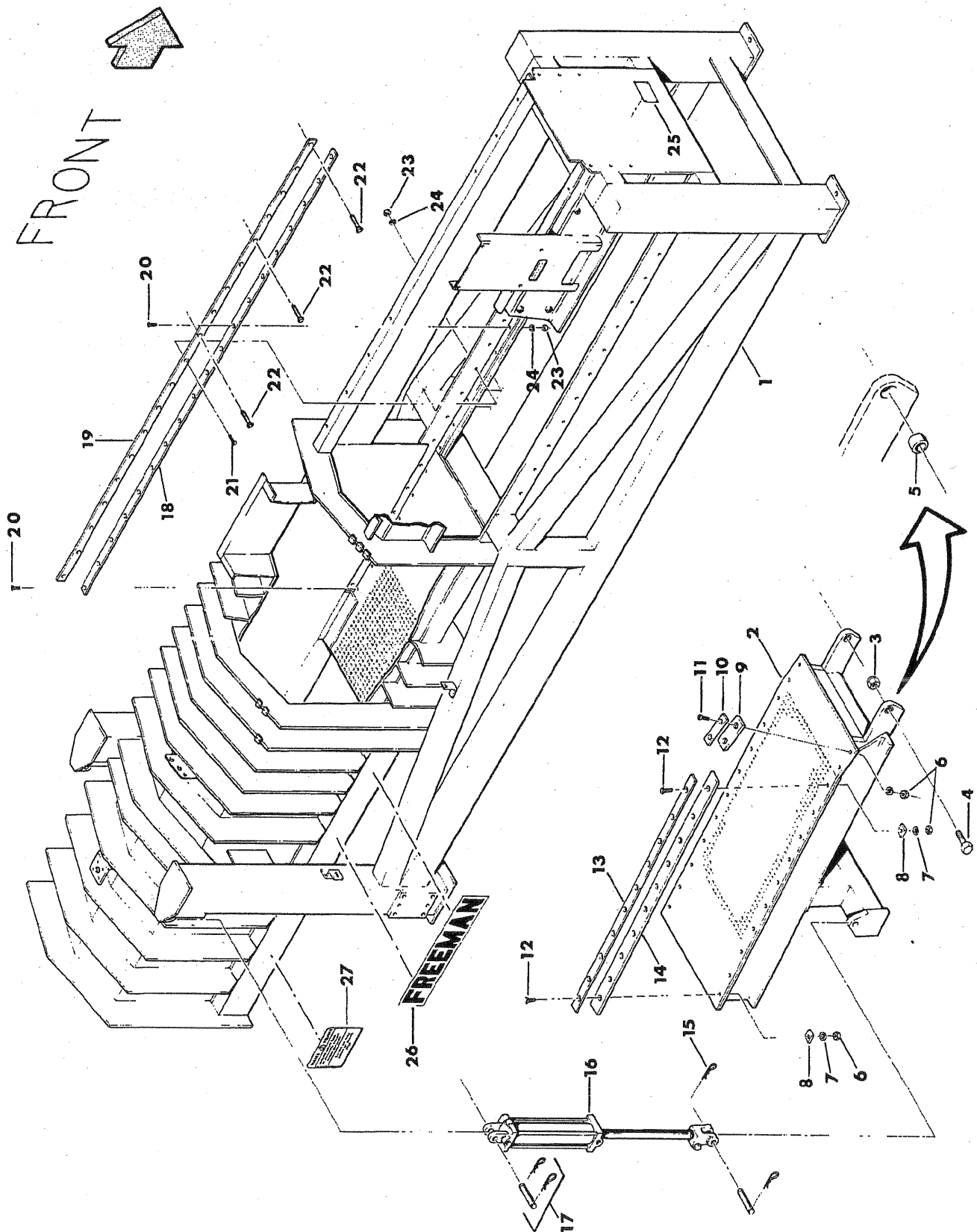
NUMBERS AS PART NUMBERS.

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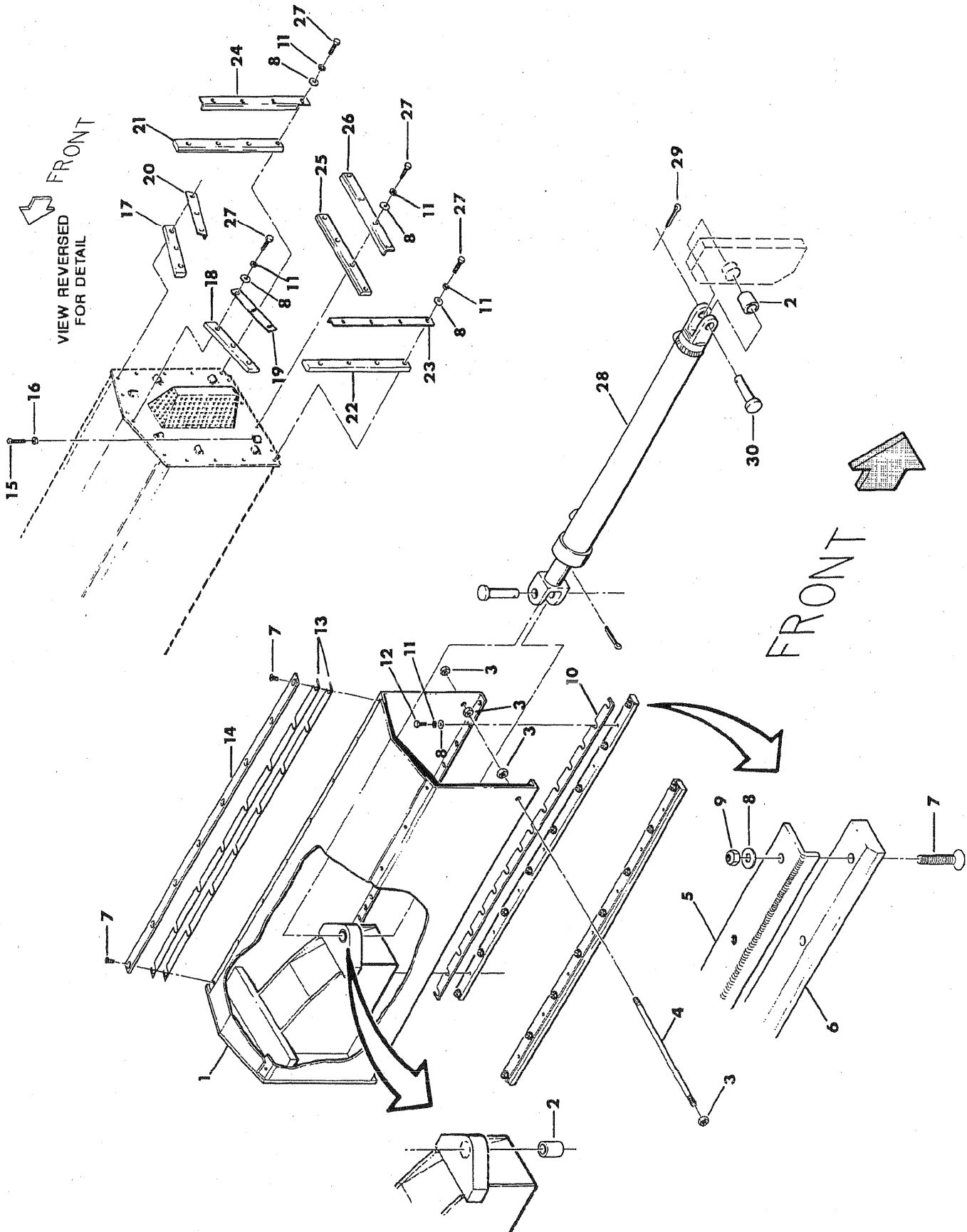
MAINFRAME AND RESTRICTOR RAIL ASSEMBLIES



MAINFRAMEANDRESTRICTORRAILASSEMBLIES

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	FRM0021803	MAIN FRAME ASSEMBLY -MSP	1
1	FRM0024990	MAIN FRAME ASSEMBLY-316 SS	1
2	RAL0021756	RESTRICTOR RAIL -A36	1
2	RAL0025020	RESTRICTOR RAIL -316SS	1
3	NCE0001000	1" NC ESNA NUT - PLATED	2
3	NCE0001000	1" NC ESNA NUT-STAINLESS	2
4	SCC0001011	1" X 3-1/4 NC HT CAP SCREW	2
4	SCCS003011	1" X 3-1/4" HEX CS -STAINLESS	2
5	BSH00VG400	1 I.D. X 1-1/4 X 1 LG TEN BUSH	2
6	NCH0000375	3/8" NC HEX NUT - PLATED	24
6	NCHS000375	3/8" NC HEX NUT - STAINLESS	24
7	WLK0000375	3/8" MEDIUM LOCKWASHER-PLT	24
7	WLKS000375	3/8" LOCKWASHER - STAINLESS	24
8	WAS0000143	3/8" MALLEABLE BEVEL WASHER	20
8	WASS000143	3/8" MALLEABLE BEVEL WASHER -SS	20
9	RAL0021934	RESTRICTOR RAIL FRONT WIPER	2
10	RAL0021935	FRONT WIPER BACKUP	2
10	RAL0025024	RESTRIC RAIL WIPER BK-UP-316SS	2
11	SMF0003004	3/8 X 1-1/2 FH MACH SC-PLTD	4
11	SMFS000304	3/8 X 1-1/2 NC FH MS-STNLS ST	4
12	SMF0000307	3/8 X 2-1/4 FH MACHINE SCREW	20
12	SMFS000308	3/8" X 2-1/4 SLOTTED FHMS-STNLS	20
13	RAL0021933	MAIN WIPER BACKUP	2
13	RAL0025023	RESTRIC RAIL WIPER BK-UP-316SS	2
14	RAL0021932	RESTRICTOR RAIL MAIN WIPER	2
15	F 0006511	HAIRPIN FOR CYLINDER PIN	8
16	CYL0003516	3.5 X 16 HYDRAULIC CYLINDER	2
16	SEL0001504	SEAL KIT F/CYL0003516	1
17	F 0006498	CYLINDER PIVOT PIN	4
18	PLG0021918	BOTTOM PLUNGER RAIL	2
18	PLG0025542	BOTTOM PLUNGER RAIL 316SS	2
19	PLG0021919	SIDE PLUNGER RAIL	2
19	PLG0025543	SIDE PLUNGER RAIL 316SS	2
20	SMF0002003	5/16 X 1-1/4 FH MACH SC-PLTD	38
20	SMFS000203	5/16 X 1-1/4 NC FH MS-STNLS ST	38
21	SMF0002004	5/16 X 1-1/2 FH MACH SC-PLTD	32
21	SMFS000204	5/16 X 1-1/2 NC FH MS-STNLS ST	32
22	SMF0002006	5/16 X 2 FH MACH SC-PLTD	6
22	SMFS000206	5/16 X 2 SLOTTED F.H.M.S STNLS	6
23	NCH0000313	5/16" NC HEX NUT - PLATED	76
23	NCHS000313	5/16" NC HEX NUT - STAINLESS	76
24	WLK0000313	5/16" MEDIUM LOCKWASHER-PLT	76
24	WLKS000313	5/16" LOCKWASHER - STAINLESS	76
25	NP 0000100	SERIAL NUMBER ID PLATE	1
26	FD 0007111	FREEMAN DECAL, WHITE	2
27	FD 0023574	"DANGER!KEEP AWAY FROM OPEN.."	3

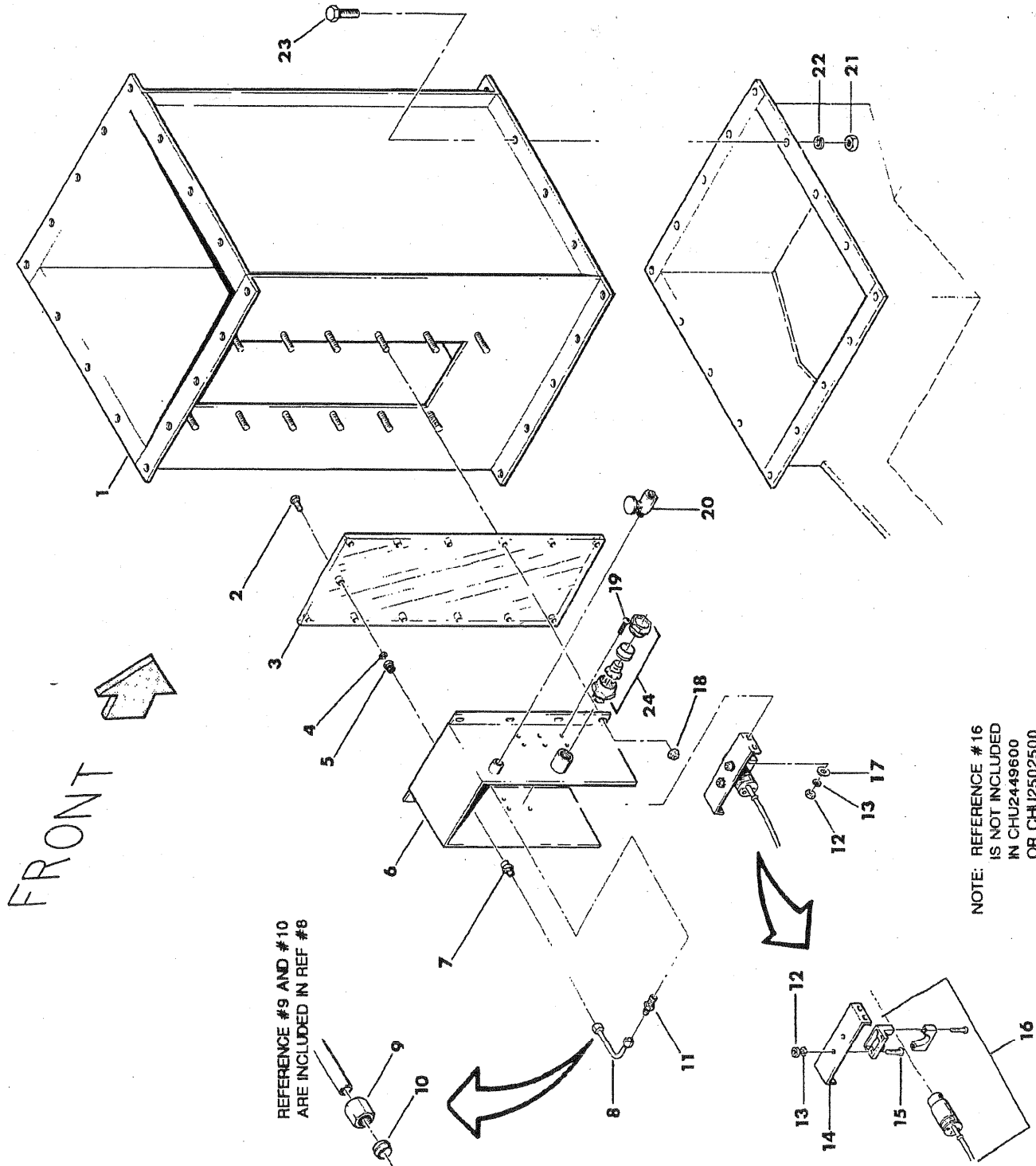
PLUNGER ASSEMBLY



PLUNGERASSEMBLY

REF	PART		QTY.		REF	PART		QTY.
NO.	NO.	DESCRIPTION			NO.	NO.	DESCRIPTION	
U	S	E	D		U	S	E	D
1	PLG0025503	PLUNGER FRAME ASSEMBLY	1		15	SQSS375200	3/8X2 SQ HEAD STE SCREW-STNLS	8
1	PLG0025555	PLUNGER FRAME ASSEMBLY -316SS	1		16	NCJ0000375	3/8" NC JAM NUT - PLATED	8
2	BSH00VG870	1-3/4 I.D.X2 O.D.X2-1/2 LG BSH	2		16	NCJS000375	3/8 NC JAM NUT - STAINLESS	8
3	NCJ0000750	3/4" NC JAM NUT - PLATED	4		17	PLG2192700	LH PLGR TOP FACE WIPER	1
3	NCJS000750	3/4"NC JAM NUT-STAINLESS	4		18	PLG2192701	RH PLGR TOP FACE WIPER	1
4	ROD0024910	PLUNGER TIE ROD	1		19	PLG2192800	LH TOP WIPER BACKUP	1
5	PLG0025903	PLUNGER SLIDE BK-UP BAR ASSY	2		19	PLG2501900	LH PLGR TOP WIPER BACKUP-316SS	1
5	PLG0025906	PLUNGER SLIDE BK-UP BAR -316SS	2		20	PLG2192801	RH TOP WIPER BACKUP	1
6	PLG0021920	BOTTOM PLUNGER SLIDE	2		20	PLG2501901	RH PLGR TOP WIPER BACKUP-316SS	1
7	SMF0003004	3/8 X 1-1/2 FH MACH SC-PLTD	32		21	PLG2192501	RH SIDE FACE WIPER	1
7	SMFS000304	3/8 X 1-1/2 NC FH MS-STAINLESS	32		22	PLG2192500	LH SIDE FACE WIPER	1
8	WCT0000375	3/8" FLATWASHER-PLATED	48		23	PLG2192600	LEFT SIDE WIPER BACKUP	1
8	WCTS000375	3/8" FLATWASHER-STAINLESS	48		23	PLG2501800	LH PLGR SIDE WIPER BACKUP-316SS	1
9	NCE0000375	3/8" NC ESNA NUT - PLATED	16		24	PLG2192601	RIGHT SIDE WIPER BACKUP	1
9	NCES000375	3/8" NC ESNA HEX NUT-STNLS	16		24	PLG2501801	RH PLGR SIDE WIPER BACKUP-316SS	1
10	SHM0021922	PLUNGER BOTTOM SLIDE SHIM	8		25	PLG0021923	PLUNGER BOTTOM FACE WIPER	1
10	SHM0025016	PLUNGER BOTTOM SLIDE SHIM-316SS	8		26	PLG0021924	BOTTOM WIPER BACK-UP	1
11	WLK0000375	3/8"MEDIUM LOCKWASHER-PLT	32		26	PLG0025017	BOTTOM PLGR WIPER BK-UP -316SS	1
11	WLKS000375	3/8" LOCKWASHER - STAINLESS	32		27	SCC0030005	3/8 X 1-3/4 NC HT CS - PLATED	18
12	SCC0030002	3/8 X 1 NC HT CS - PLATED	14		27	SCCS000305	3/8 X 1-3/4 NC HEX CS-STNLS	18
12	SCCS000302	3/8 X 1 NC HEX CS-STNLS	14		28	CYL0024674	PLUNGER CYLINDER	1
13	PLG0025506	TOP PLUNGER SLIDE SHIM	4		28	SEL0024674	SEAL KIT F/CYL0024674	1
13	PLG0025560	TOP PLUNGER SLIDES SHIM-316SS	4		29	COT0000706	5/32 X 2-1/4 COTTER PIN	2
14	PLG0021900	TOP PLUNGER SLIDE	2		30	PIN0024674	CLEVIS PIN F/CYL0024674	2
15	SQS3752000	3/8 X 2 SQUARE HD SCREW	8					

INFEEDCHUTEASSEMBLY



FRONT

REFERENCE #9 AND #10
ARE INCLUDED IN REF #8

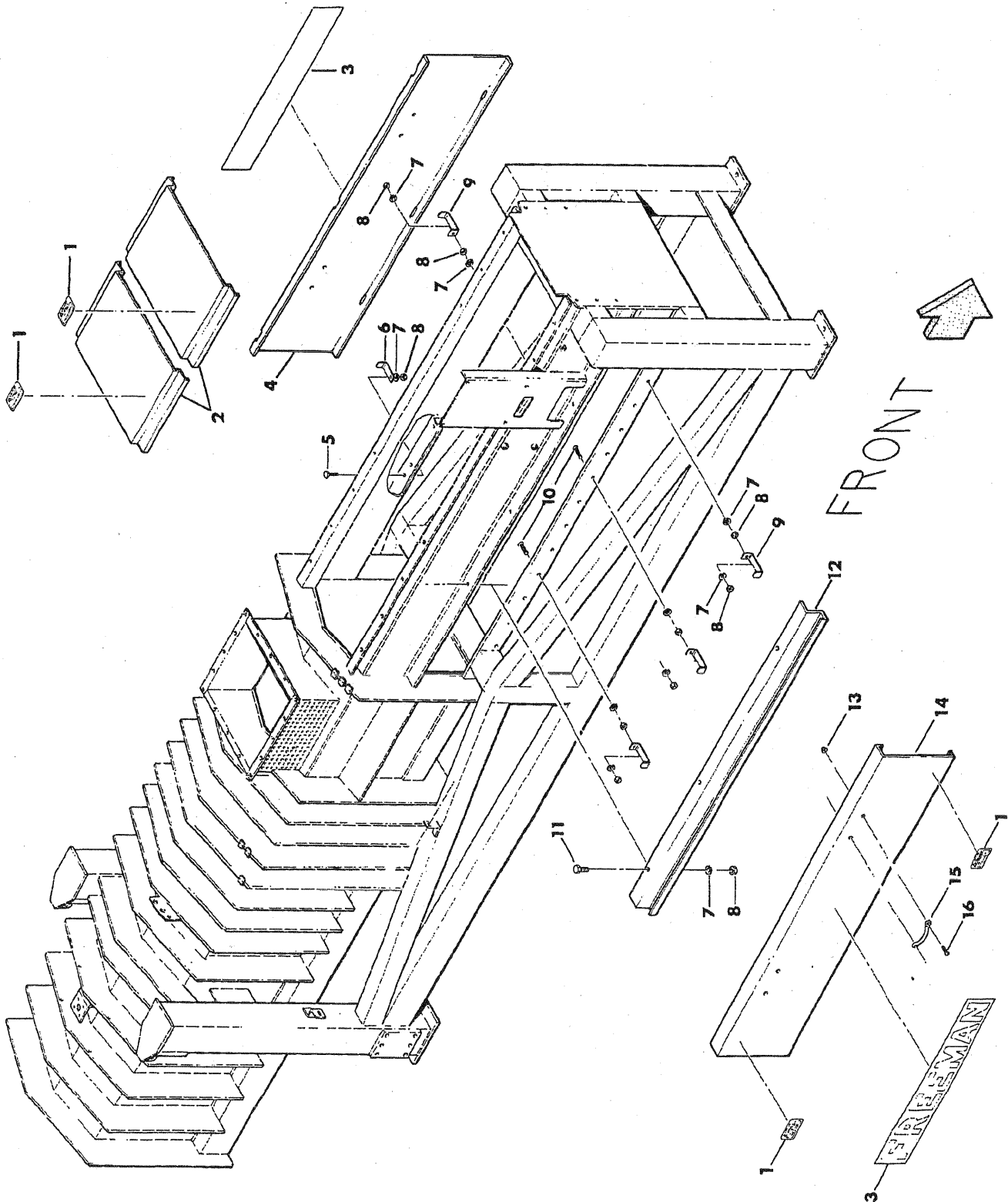
NOTE: REFERENCE #16
IS NOT INCLUDED
IN CHU2449600
OR CHU2502500

INFEEDCHUTEASSEMBLY

CHU2449600 INFEED CHUTE ASSEMBLY -MSP
CHU2502500 INFEED CHUTE ASSEMBLY -316 SS

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	CHU0024496	STANDARD INFEED CHUTE	1
1	CHU0025025	STANDARD INFEED CHUTE-316 SS	1
2	VLV0026113	SENSOR WINDOW CLEANER TIP	1
3	WNO0024498	CHUTE SENSOR WINDOW	1
4	WAS0093781	THREAD SEALING WASHER	1
5	BSH0026123	SENSOR WINDOW BUSHING	1
6	BKT0026116	SENSOR MOUNTING BRACKET ASSY	1
7	HYD6600404	1/4 FEMALE CONNECTOR	1
8	TBE0261300	SENSOR WINDOW CLNR TUBE COMPL.	1
9	HYD0061020	NUT,BRASS COMPRESSION	2
10	HYD0060020	1/4" COMPRESSION SLEEVE	2
11	F 0008221	1/4 MALE CONNECTOR - W/H	1
12	NFH0001032	10-32 NF HEX NUT - PLATED	6
13	WLK0000100	#10 LOCKWASHER - PLATED	6
14	BKT0023959	SENSOR MOUNTING BRACKET	1
15	SMR1032063	10-32X5/8 RH MACH SCREW-PLT	2
16	SWI0000225	OMERON LEVEL DETECTOR	1
17	WCT0000100	#10 FLATWASHER - PLATED	4
18	NMS0000250	1/4" NC WHIZ NUT - PLATED	12
19	SMR1032075	10-32X 3/4 RH MACH SCREW-PLT	4
20	VLV0000400	1/4 NEEDLE VALVE	1
21	NCH0000313	5/16" NC HEX NUT - PLATED	16
22	WLK0000313	5/16" MEDIUM LOCKWASHER-PLT	16
23	SCC0020002	5/16 X 1 NC HT CS - PLATED	16
25	CNR0020038	STRAIGHT CONNECTOR	1

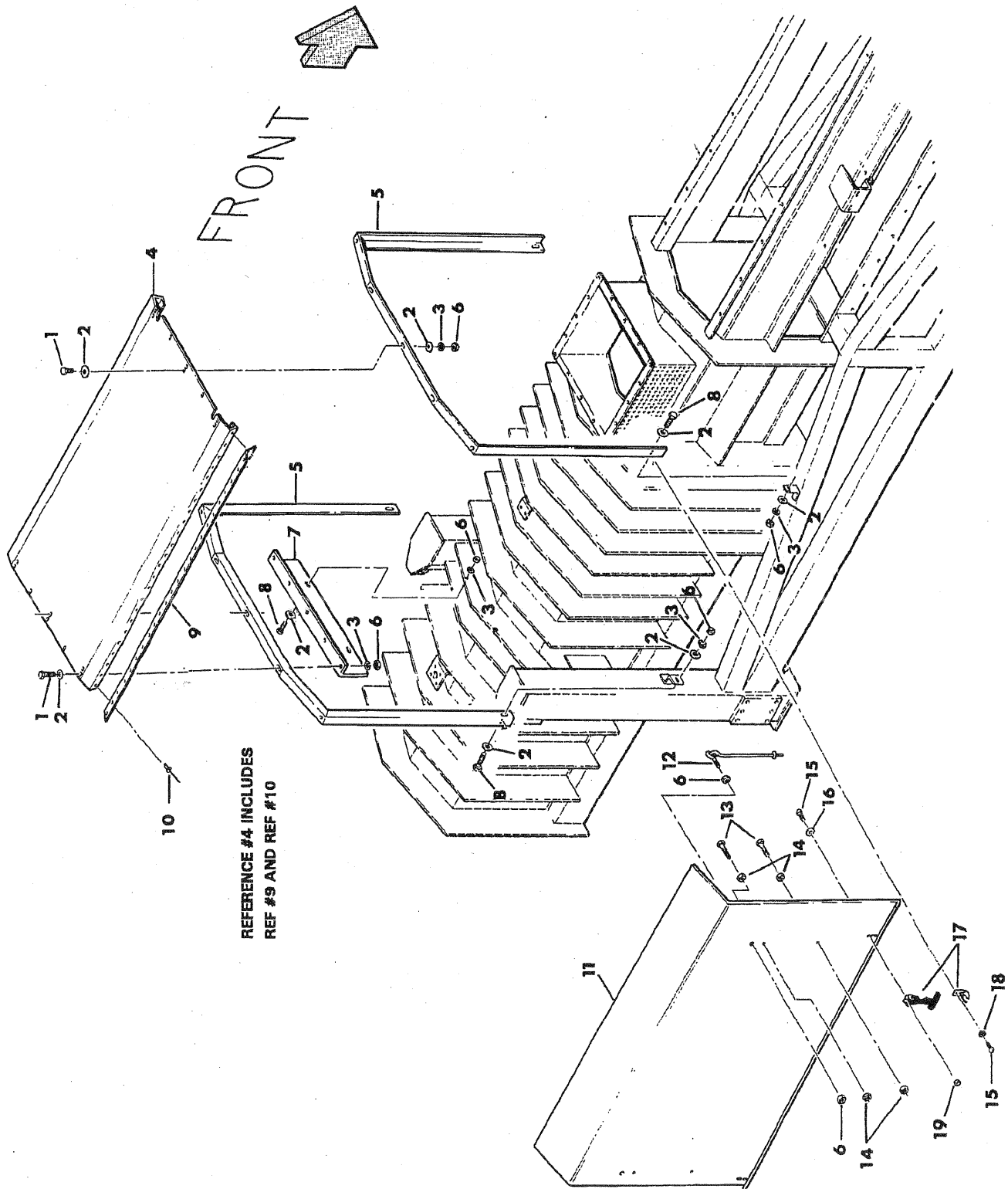
PLUNGERSHIELDS



PLUNGERSHIELDS

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	FD 0023572	"SHLDS ARE F/YOUR PROTECT..."	6
2	CVR0021960	PLUNGER TOP COVER	2
3	FD 0007111	FREEMAN DECAL, WHITE	2
4	SHD0021961	LEFT FRONT PLUNGER SHIELD	1
5	SCC0020002	5/16 X 1 NC HT CS - PLATED	3
6	SUP0021963	PLUNGER SHIELD SUPPORT	3
7	WLK0000313	5/16" MEDIUM LOCKWASHER-PLT	12
8	NCH0000313	5/16" NC HEX NUT - PLATED	18
9	SUP0021964	PLUNGER SHIELD SUPPORT	6
10	SMF0002006	5/16 X 2 FH MACH SC-PLTD	6
10	SMFS002006	5/16 X 2 SLOTTED F.H.M.S STNLS	6
11	SCC0020001	5/16 X 3/4 NC HT CS - PLATED	3
12	SUP0024581	FRONT PLUNGER SHIELD SUPPORT	1
13	NMS0000250	1/4" NC WHIZ NUT - PLATED	8
14	SHD0021962	RIGHT FRONT PUNGER SHIELD	1
15	HAN0000150	PLATED DOOR HANDLE	4
16	SCC0010000	1/4 X 1/2 NC HT CS - PLATED	8

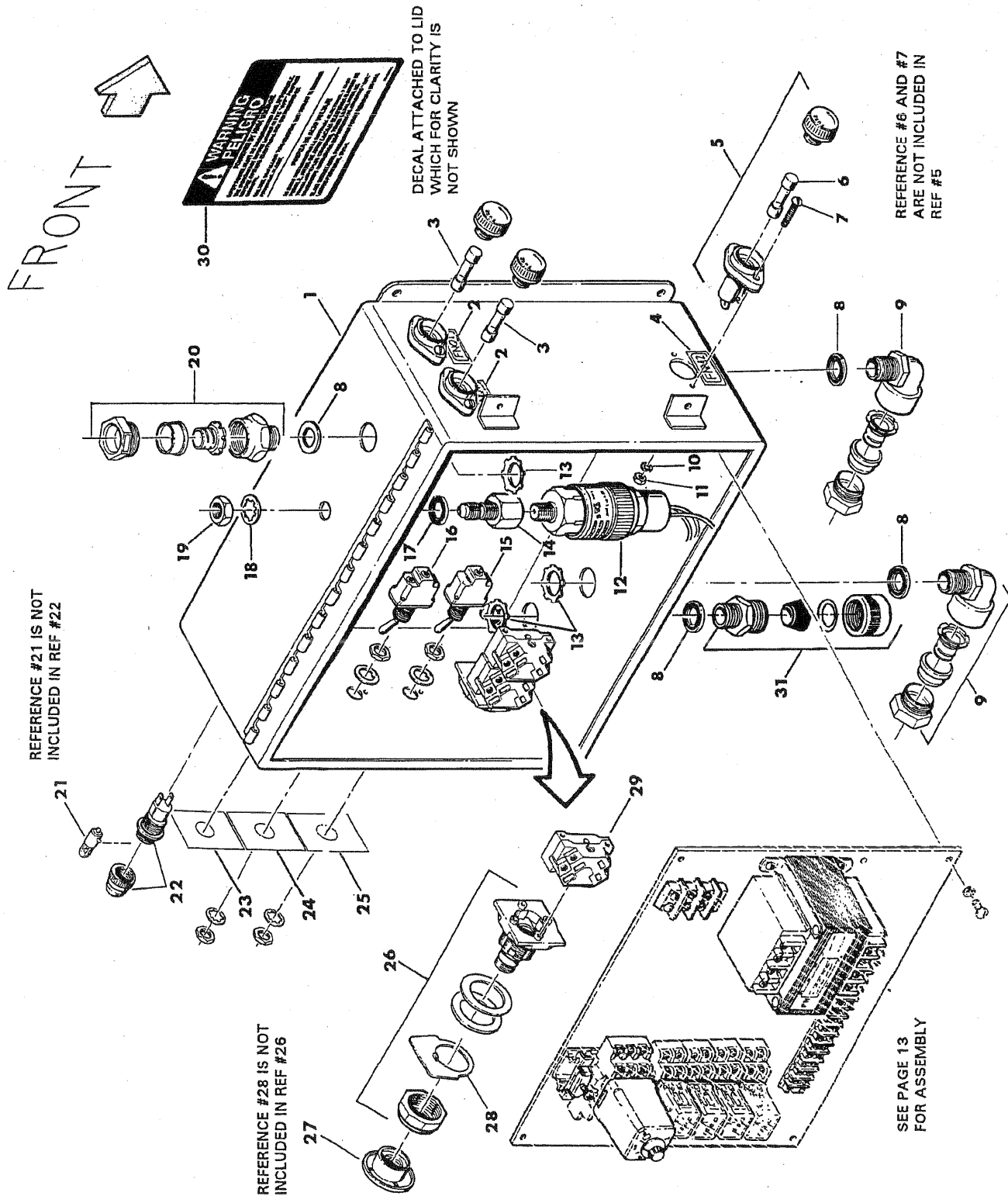
OPTIONAL SHROUD ASSEMBLY



OPTIONAL SHROUD ASSEMBLY (MILD STEEL OR STAINLESS STEEL)

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	SCC0020001	5/16 X 3/4 NC HT CS - PLATED	10
1	SCCS020001	5/16" X 3/4" NC SS CAP SCREW	10
2	WCT0000313	5/16" FLATWASHER-PLATED	25
2	WCTS000313	5/16" FLATWASHER-STAINLESS	25
3	WLK0000313	5/16" MEDIUM LOCKWASHER-PLT	16
3	WLKS000313	5/16" LOCKWASHER - STAINLESS	16
4	SHD0024760	CENTER SECTION ASSEMBLY -SS	1
4	SHD0024761	CENTER SECTION ASSEMBLY	1
5	FRM0024756	SHROUD SUPPORT FRAME ASSY-SS	1
5	FRM0024764	SHROUD SUPPORT FRAME ASSEMBLY	2
6	NCH0000313	5/16" NC HEX NUT - PLATED	24
6	NCHS000313	5/16" NC HEX NUT - STAINLESS	24
7	SUP0024207	REAR CENTER SECT SUPT ANGLE	1
8	SCC0020003	5/16 X 1-1/4 NC HT CS - PLATED	4
8	SCCS020003	5/16 X 1-1/4 NC HEX HD CS SS	4
9	HNG0024765	SHROUD DOOR HINGE -STAINLESS	2
10	RIV0000604	3/16X1/4 STAINLESS GRIP RIVET	96
11	DOR0248180	L. H. SHROUD DOOR -STAINLESS	1
11	DOR0248181	R. H. SHROUD DOOR -STAINLESS	1
11	DOR0248190	L. H. SHROUD DOOR	1
11	DOR0248191	R. H. SHROUD DOOR	1
12	PRP0024823	SHROUD DOOR PROP -STAINLESS	4
12	PRP0024833	SHROUD DOOR PROP	4
13	SCC0010005	1/4 X 1-3/4 NC HT CS - PLATED	8
13	SCCS010005	1/4" X 1-3/4" SS CAP SCREW	8
14	NCH0000250	1/4" NC HEX NUT - PLATED	16
14	NCHS000250	1/4" NC HEX NUT - STAINLESS	16
15	SMTS103250	10-32 X 1/2 TRUSS SCREW STLNS	16
16	WCTS010000	#10 FLAT WASHER STAINLESS	8
17	LAT0000201	RUBBER DRAW LATCH	4
18	WLK0000100	#10 LOCKWASHER - PLATED	8
19	NFES001032	10/32 NF ESNA -STAINLESS	8

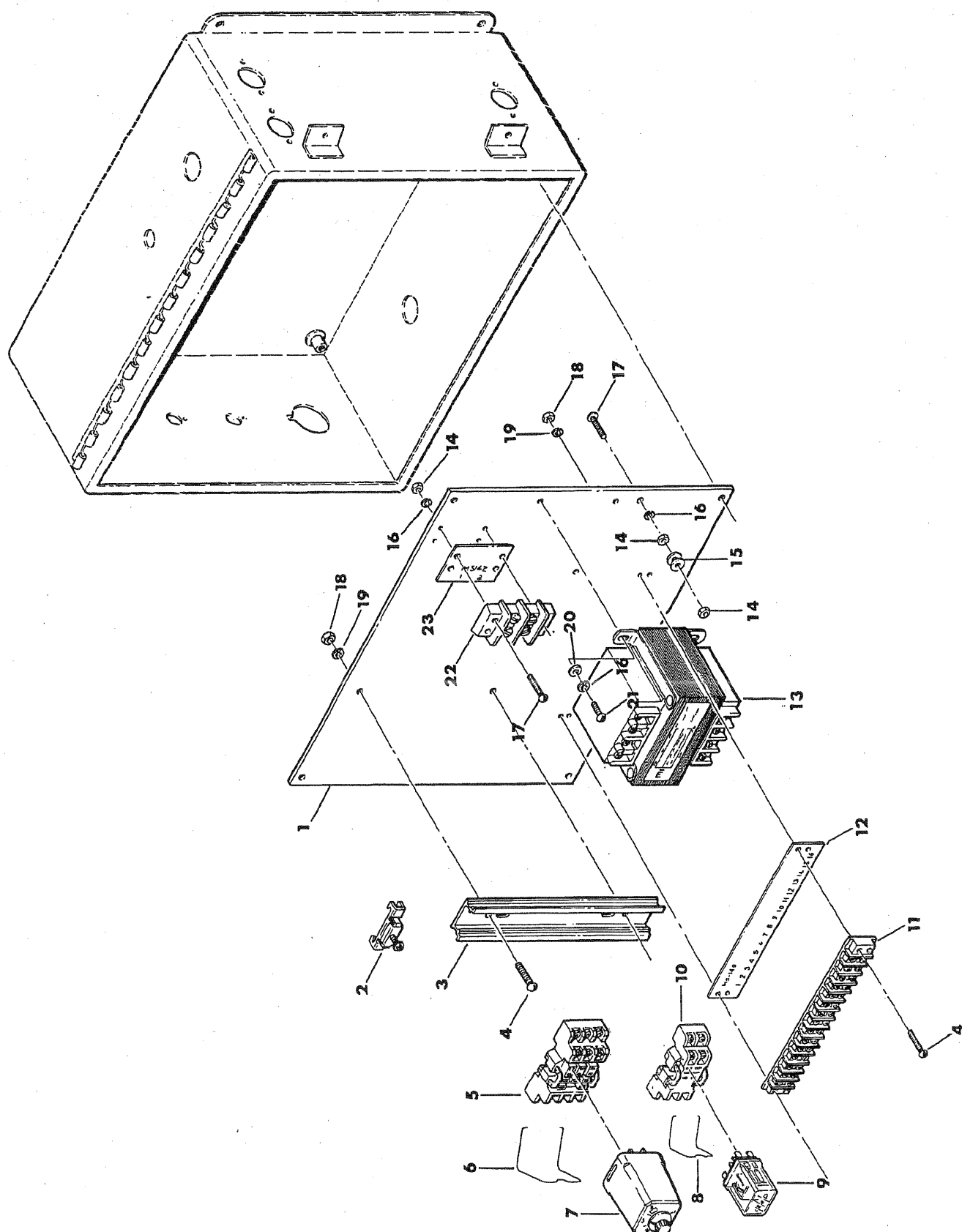
CONTROLBOXASSEMBLY



CONTROLBOXASSEMBLY

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	BOX0024546	CONTROL BOX WITH LID	1
2	FD 0020598	FNQ 1 DECAL	2
3	FUS0000052	FUSE - FNQ 1	2
4	FD 0020597	DECAL-FNM 2	1
5	FUS0000042	FUSE - FNM 2	1
6	FUS0000018	FUSE HOLDER	3
7	SMR8320075	8-32 X 3/4 RH MACH SCREW-PLT	6
8	RNG0005262	SEALING RING F/1/2"CONNECTOR	3
9	CNR0000110	1/2"LIQUID TIGHT 90* CONNECTOR	2
10	WLK0010008	#8 LOCKWASHER - PLATED	6
11	NCH0000832	8-32 NC HEX NUT - PLATED	6
12	SWI0096201	ADJ PRESSURE SWITCH W/3' LEADS	1
13	NMS0000150	1/2 CONDUIT LOCKNUT-STEEL	3
14	HYD5275032	3/8JICX1/4NPT FELM BULKHD CONN	1
15	SWI0005020	MICRO SWITCH -1TL 1-2	2
16	SWI0005023	MICRO SWITCH -1TL 1-3	1
17	WAS0093784	9/16" THREAD SEALING WASHER	1
18	WIS0005625	9/16 INTERNAL STAR WASHER-PLT	1
19	HYD5924030	3/8" BULKHEAD NUT	1
20	CNR0020038	STRAIGHT CONNECTOR	1
21	LIT0001200	BULB-MINIATURE BAYONET BASE	1
22	LIT1690410	LAMP HOLDER	1
23	FD 0000053	DECAL-CONTROL CIRCUIT-OFF-ON	1
24	FD 0024638	RESTRICTION CONTORL DECAL	1
25	FD 0018445	ANTI PLUG DECAL-WATER EXTRACTR	1
26	SWI0005003	PUSH BUTTON SWITCH -OPERATOR	1
27	SWI0005038	PUSH BUTTON MUSHROOM-RED	1
28	PLT0015029	"EMERGENCY STOP" LEGEND PLATE	1
29	BLK0005041	CONTACT BLOCK	2
30	FD 0023584	"WARNING! POWERED BY HIGH..."	1
31	CNR0000193	1/2" STRAIN RELIEF CONNECTOR	1

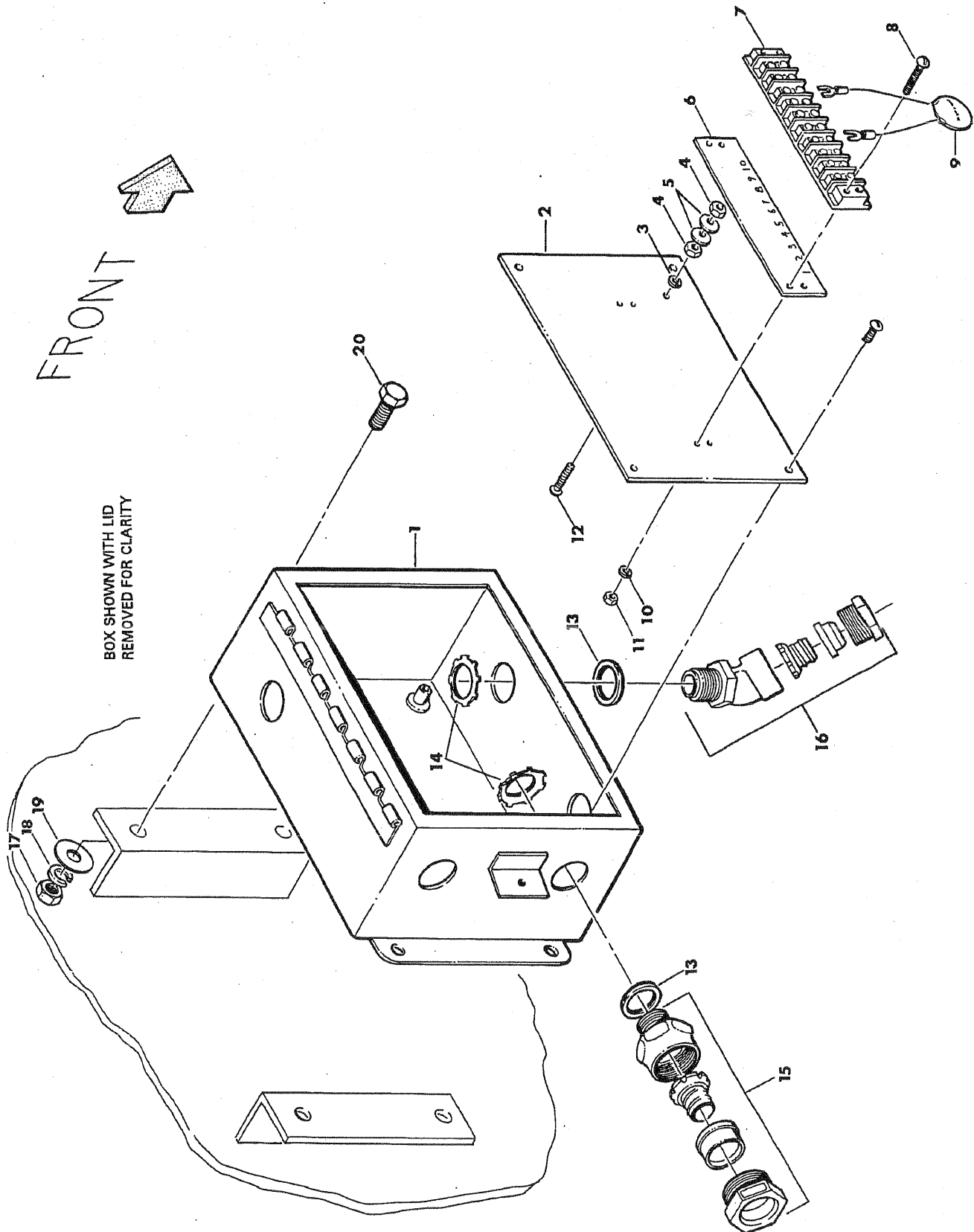
CONTROL PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	PNL0024545	CONTROL BOX PANEL	1
2	REL0005000	END CLIP -BNL-5	2
3	RAL0024564	RELAY SOCKET MNTG RAIL	1
4	SMR6320500	6-32 X 1/2 RH MACH SCREW-PLT	6
5	REL0003010	RELAY SOCKET	1
6	REL0003021	RELAY HOLD DOWN SPRING	1
7	REL5170010	TIME DELAY RELAY	1
8	REL0004502	RELAY HOLD DOWN	4
9	REL0002000	RELAY	4
10	REL0002050	RELAY SOCKET	4
11	BAB0016140	16-140 BARRIER BLOCK	1
12	MSR0016140	16-140 MARKER STRIP	1
13	TRA0015020	TRANSFORMER 230-460V	1
14	NFH0001032	10-32 NF HEX NUT - PLATED	6
15	WCB0001000	#10 BRASS WASHER-7/16"O.D.	2
16	WLK0000100	#10 LOCKWASHER - PLATED	9
17	SMR1032750	10-32X3/4 RH MACH SCREW	5
18	NCH0000632	6-32 NC HEX NUT - PLATED	6
19	WLK0000600	#6 LOCKWASHER - PLATED	6
20	WCT0000100	#10 FLATWASHER - PLATED	4
21	SMR1032500	10-32X1/2 RH MACH SCREW-PLT	4
22	BAB0002142	BARRIER BLOCK	1
23	MSR0002142	MARKER STRIP	1

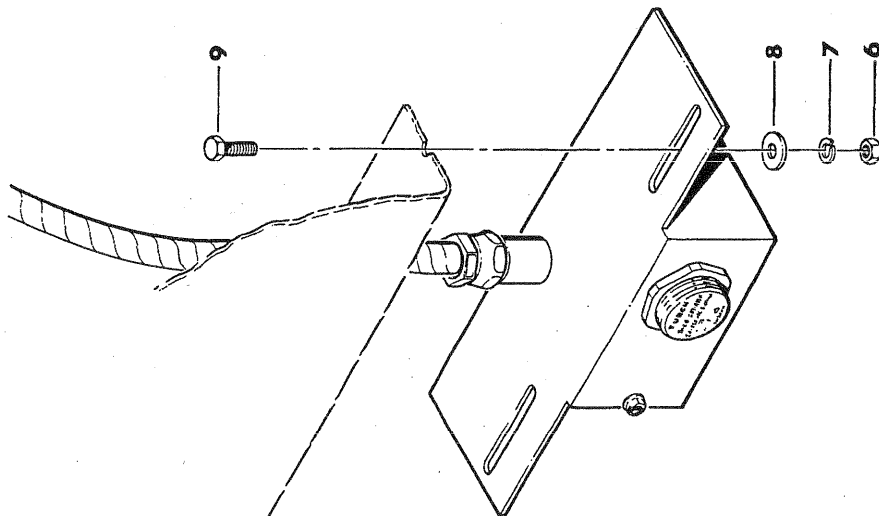
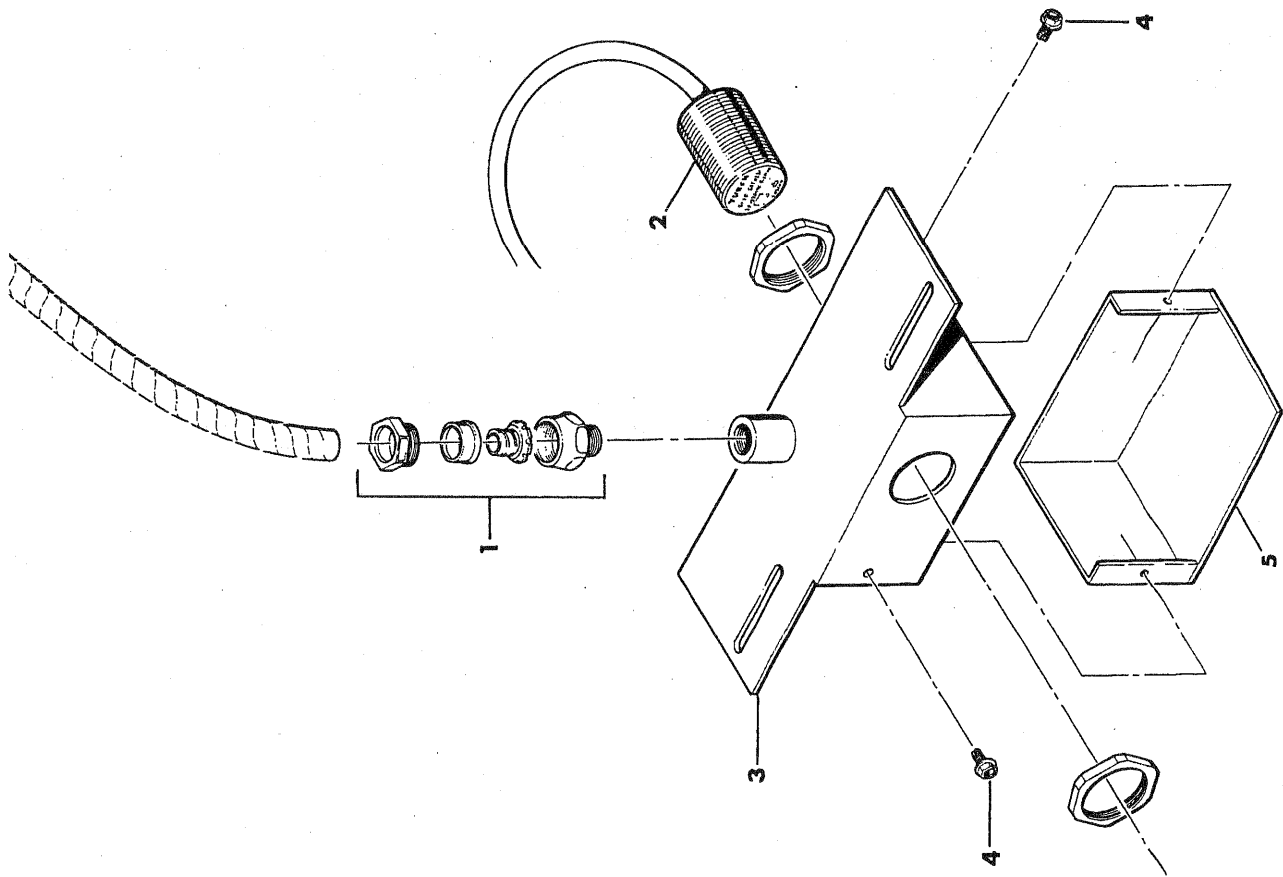
JUNCTION BOX ASSEMBLY

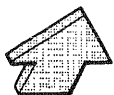


JUNCTIONBOXASSEMBLY

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	BOX0024597	JUNCTION BOX (AT HYD TNK)	1
2	PNL0024594	JUNCTION BOX PANEL	1
3	WLK0000100	#10 LOCKWASHER - PLATED	1
4	NFH0001032	10-32 NF HEX NUT - PLATED	2
5	WCB0001000	#10 BRASS WASHER	2
6	MSR0010140	MARKER STRIP -10 POST	1
7	BAB0010140	BARRIER BLOCK -10 POST	1
8	VAR0026921	JUNCTION BOX VARISTOR ASSY	1
9	SMR6320500	6-32 X 1/2 RH MACH SCREW-PLT	4
10	WLK0000600	#6 LOCKWASHER - PLATED	4
11	NCH0000632	6-32 NC HEX NUT - PLATED	4
12	SMR1032750	10-32X3/4 RH MACH SCREW	1
13	RNG0005262	SEALING RING F/1/2"CONNECTOR	5
14	NMS0000150	1/2" CONDUIT LOCKNUT-STEEL	7
15	CNR0020038	STRAIGHT CONNECTOR	2
16	CNR0020037	1/2"X45*LIQUID TIGHT CONNECTOR	3
17	NCH0000250	1/4" NC HEX NUT - PLATED	4
18	WLK0000250	1/4" LOCKWASHER - PLATED	4
19	WCT0000250	1/4" FLATWASHER - PLATED	4
20	SCC0010001	1/4 X 3/4 NC HT CS - PLATED	4

PLUNGER SENSOR MOUNT ASSEMBLIES

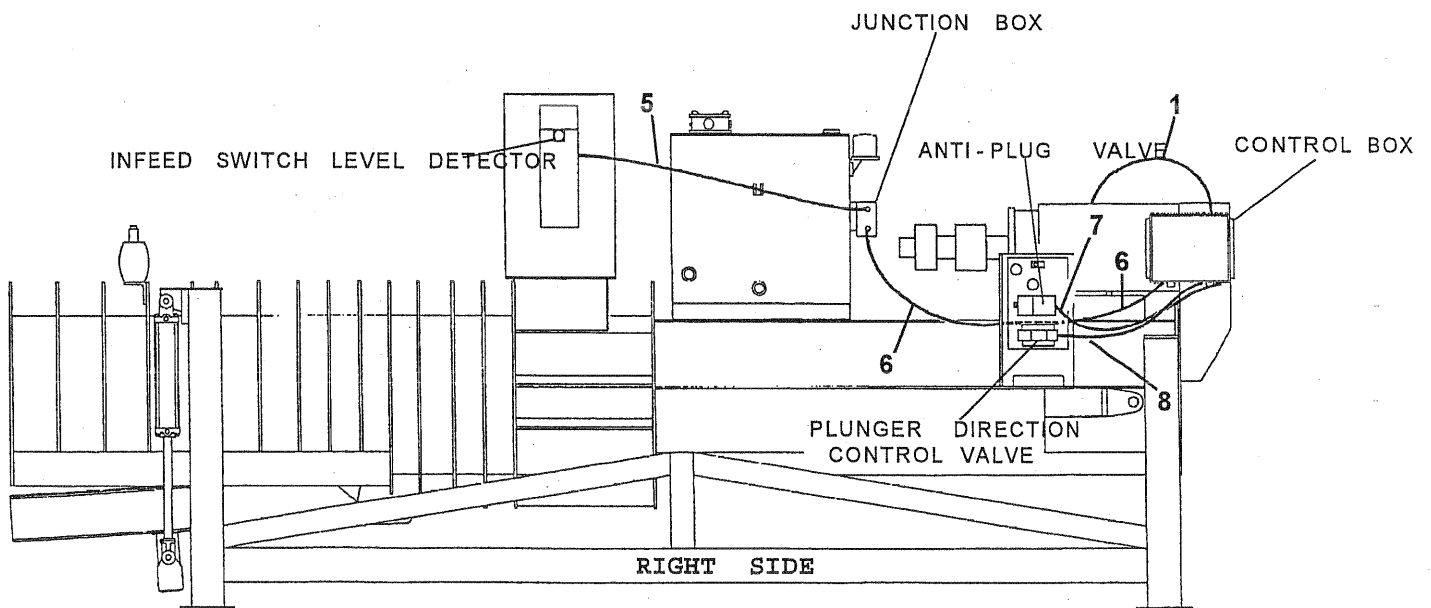
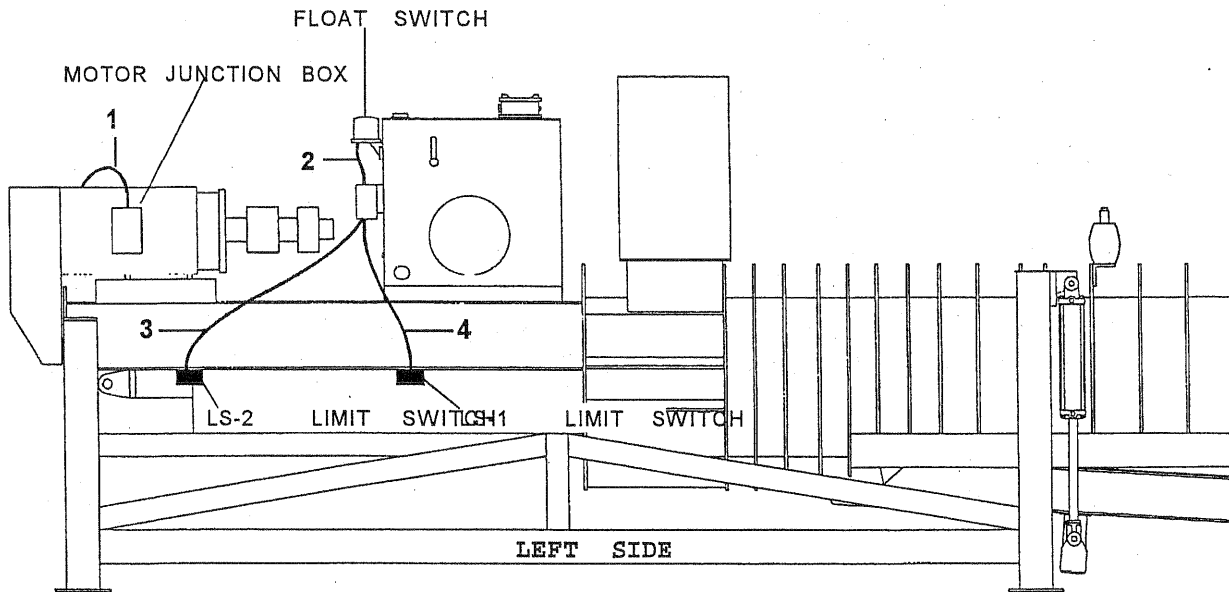


FRONT 

PLUNGER SENSOR MOUNT ASSEMBLIES

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	CNR0020038	STRAIGHT CONNECTOR	2
2	SWI0002047	PROXIMITY SWITCH	2
3	MNT0024568	PLUNGER SENSOR MOUNT ASSEMBLY	2
4	SMS0000107	1/4 X 1/2 NC SELF-TAP CS-PLTD	4
5	MNT0024567	PLUNGER SENSOR MOUNT COVER	2
6	NCH0000313	5/16" NC HEX NUT - PLATED	4
7	WLK0000313	5/16" MEDIUM LOCKWASHER-PLT	4
8	WCT0000313	5/16" FLATWASHER-PLATED	4
9	SCC0020002	5/16 X 1 NC HT CS - PLATED	4

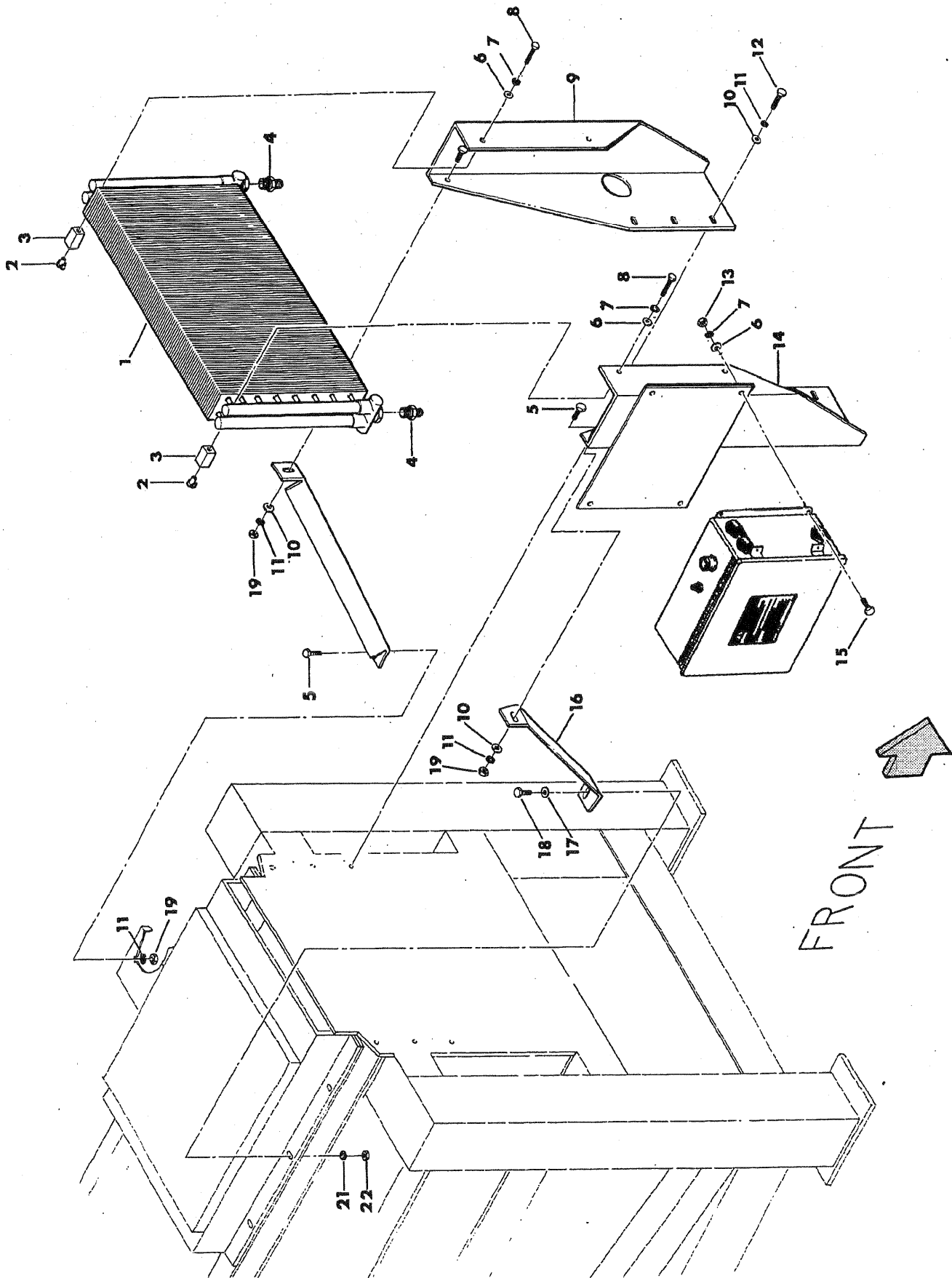
ELECTRICAL CONDUITS



ELECTRICAL CONDUITS

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	CDU0024637	MOTOR CONUIT	1
2	CDU0028324	JNK BOX TO FLOAT SW CONDUIT	1
3	CDU0024633	JNK BOX TO LS-2 CONDUIT	1
4	CDU0024634	JNK BOX TO LS-1 CONDUIT	1
5	CDU0024632	TNK JNCT TO LVL DET CONDUIT	1
6	CDU0024631	CNTL BOX TO TNK JUCTION CONDUIT	1
7	CDU0029880	CNTL BOX TO ANTI-PLUG VLV	1
8	CDU0029881	CNTL BOX TO PLNG DIRECT VLV	1

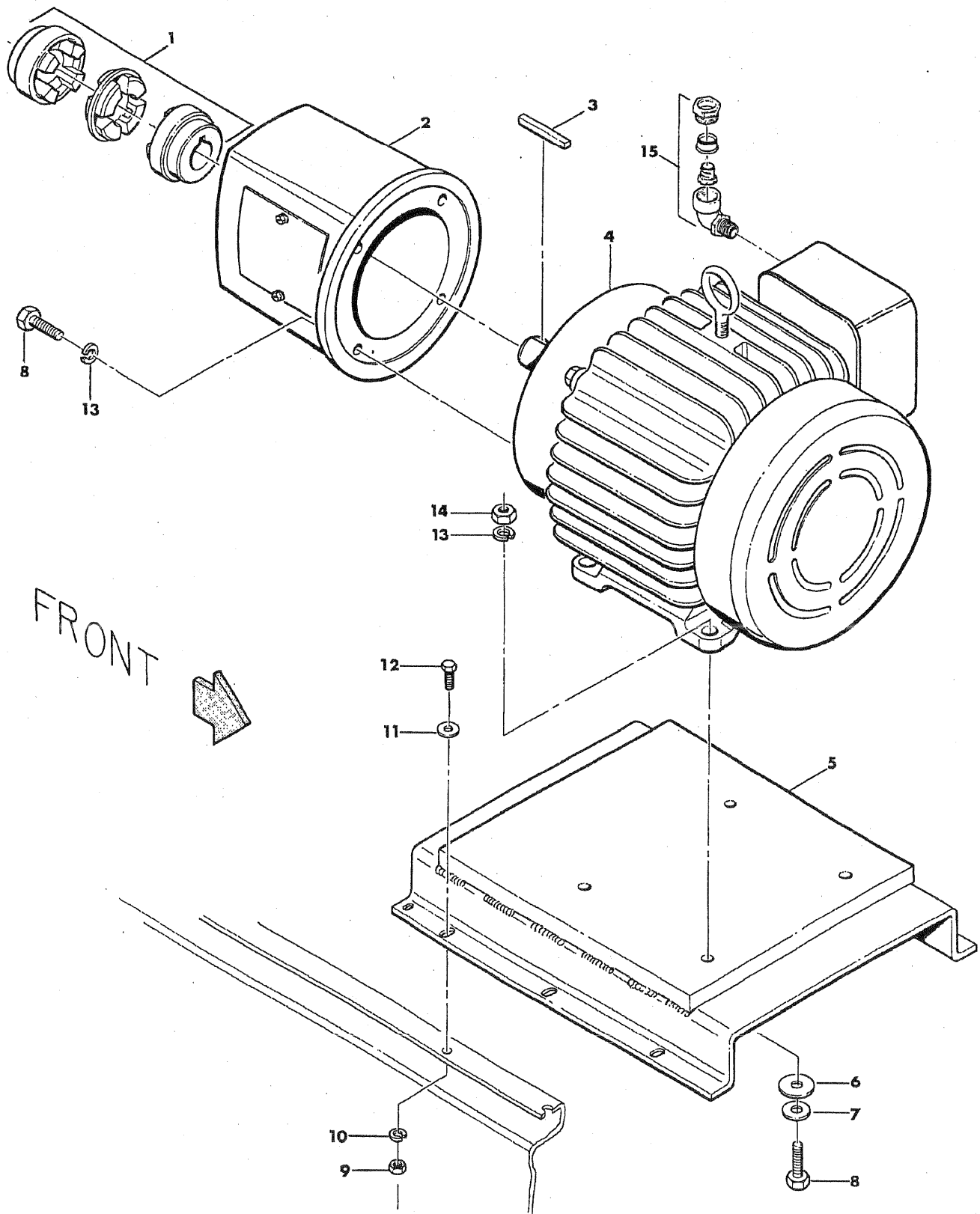
OIL COOLER AND MOUNTS



OIL COOLER AND MOUNTS

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	CLR0020833	OIL COOLER	1
2	CLR0002353	TEE NUT-OIL COOLER MOUNT	2
3	CLR0002094	MOUNTING BLOCK-OIL COOLER	2
4	F 0006675	3/4 JIC X 1" NPT MALE CONN	2
5	SCC0030003	3/8 X 1-1/4 NC HT CS - PLATED	3
6	WCT0000313	5/16" FLATWASHER-PLATED	6
7	WLK0000313	5/16" MEDIUM LOCKWASHER-PLT	6
8	SCC0020007	5/16 X 2-1/4 NC HT CS - PLATED	2
9	MNT0021894	LEFT OIL COOLER MOUNT	1
10	WCT0000375	3/8" FLATWASHER-PLATED	8
11	WLK0000375	3/8" MEDIUM LOCKWASHER-PLT	9
12	SCC0030002	3/8 X 1 NC HT CS - PLATED	6
13	NCH0000313	5/16" NC HEX NUT - PLATED	4
14	MNT0024616	RIGHT OIL COOLER MNT ASSEMBLY	1
15	SCC0020002	5/16 X 1 NC HT CS - PLATED	4
16	BRC0024886	RIGHT COOLER MNT BRACE	1
17	WCT0000500	1/2" FLATWASHER - PLATED	1
18	SCC0050004	1/2 X 1-1/2 NC HT CS - PLATED	1
19	NCH0000375	3/8" NC HEX NUT - PLATED	3
20	BRC0024936	LEFT COOLER MNT BRACE	1
21	WLK0000500	1/2" LOCKWASHER-PLATED	1
22	NCH0000500	1/2" NC HEX NUT - PLATED	1

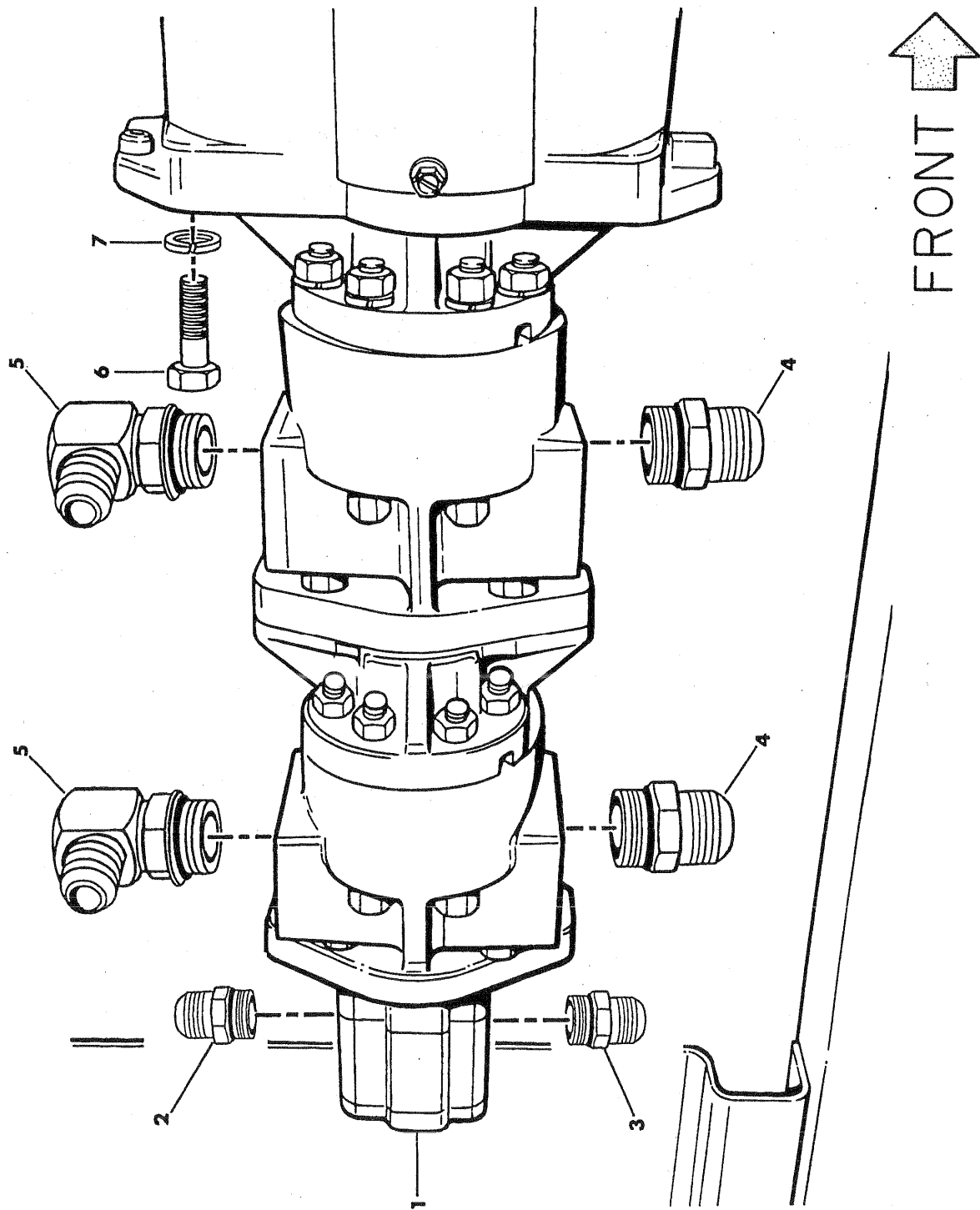
MOTOR AND PUMP MOUNTS



MOTOR AND PUMP MOUNTS

REF	PART			QTY.
NO.	NO.		DESCRIPTION	
U	S	E	D	
1	CPL5021251	1"X2-1/8	BORE COUPLER COMPLETE	1
2	MNT4051922		PUMP MOUNT	1
3	ZZ 0000457	1/2 X 1/2	X 2-3/4 KEY	1
4	MTR0010037	MOTOR	40HP 1750 230/460-TEFC	1
5	MNT0021991		MOTOR MOUNT	1
6	WAS0000105	5/8	STRUCTURAL WASHER	4
7	WCT0000625	5/8"	FLATWASHER - PLATED	4
8	SCC0070003	5/8 X 1-1/4	NC HT CS - PLATED	8
9	NCH0000500	1/2"	NC HEX NUT - PLATED	6
10	WLK0000500	1/2"	LOCKWASHER-PLATED	6
11	WCT0000500	1/2"	FLATWASHER - PLATED	6
12	SCC0050003	1/2 X 1-1/4	NC HT CS - PLATED	6
13	WLK0000625	5/8" MED	LOCKWASHER-PLATED	8
14	NCH0000625	5/8"	NC HEX NUT - PLATED	4
15	CNR0000110	1/2"	LIQUID TIGHT 90° CONNECTOR	1

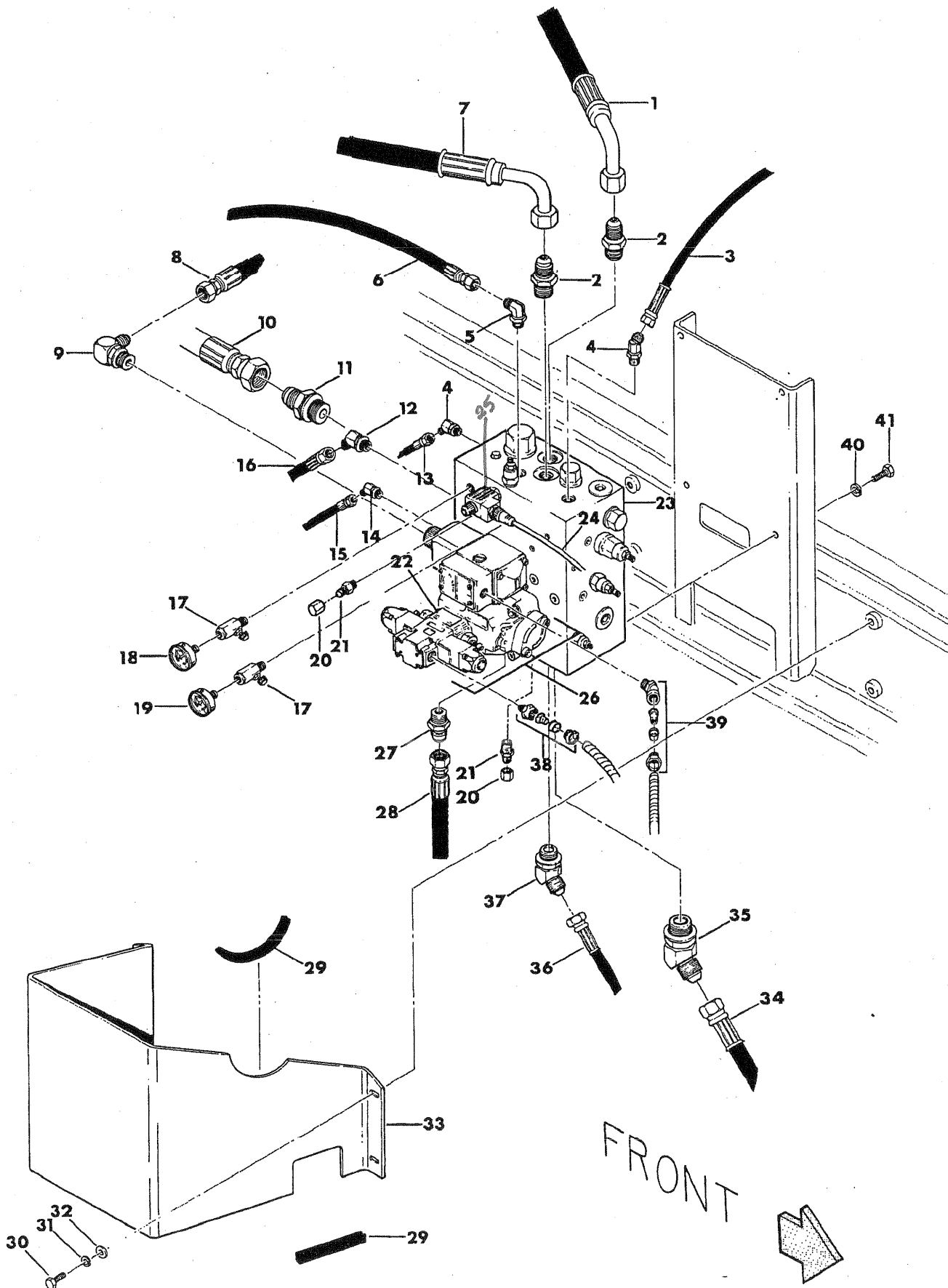
HYDRAULIC PUMP AND FITTINGS



HYDRAULIC PUMP AND FITTINGS

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	PMP0035035	SUNSTRAND TRIPLE PUMP	1
2	HYD5315050	5/8JIC X 5/8 O-RNG ST THD CONN	1
3	HYD5315060	3/4JIC X 3/4 O-RNG ST THD CONN	1
5	HYD5515070	1" JIC X 1" O-RING 90* ELBOW	2
6	SCC0000504	1/2 X 1-1/2 NC HT CAP SCREW	2
7	WLK0000500	1/2" LOCKWASHER - PLATED	2

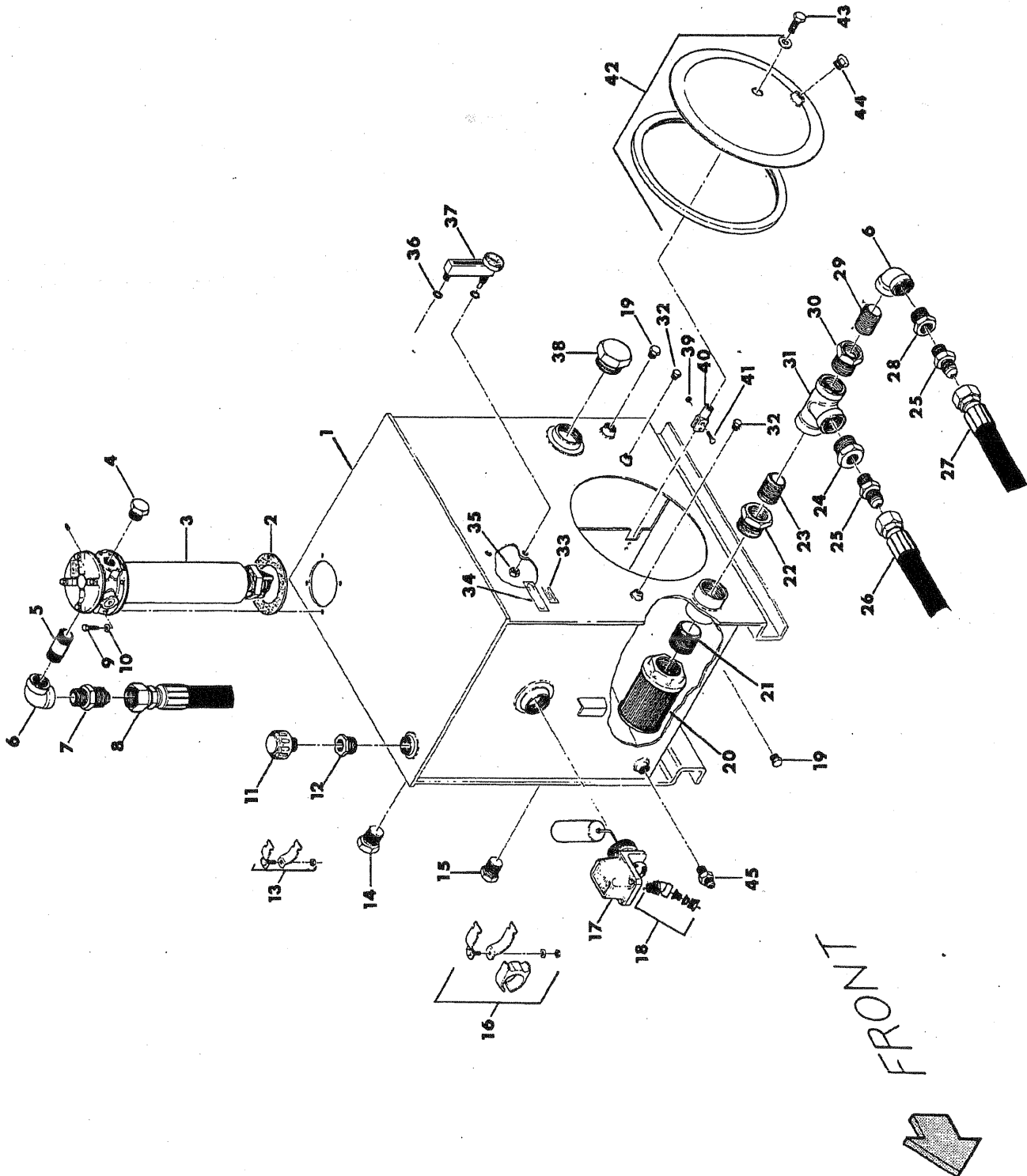
MANIFOLD VALVE ASSEMBLY



MANIFOLD VALVE ASSEMBLY

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	HOS0029716	VLV MANIFLD PORT B TO PUMP	1
2	HYD5315080	1" JIC X 1" O-RNG ST THD CONN	2
3	HOS0029718	VLV MANIFLD PORT P TO PRES SWI	1
4	HYD5365030	3/8 JIC X 3/8 O-RING 45* ELBOW	2
5	HYD5515054	5/8 JIC X 1/2 O-RING 90* ELBOW	1
6	HOS0029725	VLV MANIFLD PORT E TO RESTRICT	1
7	HOS0029717	VLV MANIFLD PORT A TO CTR PMP	1
8	HOS0029715	VLV MANIFLD PORT F TO OIL COOL	1
9	HYD5515060	3/4 JIC X 3/4 O-RING 90* ELBOW	1
10	HOS0029711	VLV MANIFOLD PORT D TO OIL FIL	1
11	HYD5315090	1-1/2 JIC X 1-1/2 O-RNG THD CON	1
12	HYD5365050	5/8 JIC X 5/8 O-RING 45* ELBOW	1
13	HOS0029719	VLV MANIFLD PORT K TO RESTRICT	1
14	HYD5365043	1/2 JIC X 3/8 O-RING 45* ELBOW	1
15	HOS0029727	VLV MANIFLD PORT I TO RESTRICT	1
16	HOS0029726	VLV MANIFLD PORT J TO RESTRICT	1
17	VLVNSABKXV	1/4" O-RING GAUGE SNUBBER	2
18	GAG0005000	2"DIA 5000PSI 1/4NPT GLYSERIN	1
19	GAG0002000	2"DIA 2000PSI 1/4NPT GLYSERIN	1
20	HYD5129020	1/4" JIC CAP	2
21	F 0006684	1/4 JIC X 1/4 O-RNG ST THD CONN	2
22	VLV0022FS6	VLV-ADJ PILOT CHOK-Z2FS62412QV	1
23	VLV0029859	MANIFOLD VLAVE ASSEMBLY	1
24	CBL4090118	CABLE/PLUG ASSEMBLY	1
25	VLV00410D5	R. R. SINGLE SOLENOID VALVE	1
26	VLV0422006	VALVE 4WEH22G6AW110NT	1
27	HYD5315060	3/4 JIC X 3/4 O-RNG ST THD CONN	1
28	HOS0029714	VLV MANIFLD PORT G TO OIL COOL	1
29	MLD7500331	WHITE QUICK EDGE TRIM MOLDING	A/R
30	SCC0030002	3/8 X 1 NC HT CS - PLATED	4
31	WLK0000375	3/8" MEDIUM LOCKWASHER - PLTD	4
32	WCT0000375	3/8" FLATWASHER - PLATED	4
33	GRD0029733	HYDRAULIC VALVE GUARD	1
34	HOS0029712	VLV MANIFLD PORT L TO BUTT END	1
35	HYD5365098	1-1/4 JIC X 1 O-RING 45* ELBOW	1
36	HOS0029713	VLV MANIFLD PORT M TO ROD END	1
37	HYD5365080	1" JIC X 1" O-RING 45* ELBOW	1
38	CNR0020038	STRAIGHT CONNECTOR	1
39	CNR0020037	1/2"X45*LIQUID TIGHT CONNECTOR	1
40	WLK0000500	1/2" LOCKWASHER - PLATED	4
41	SCC0050004	1/2 X 1-1/2 NC HT CS - PLATED	4

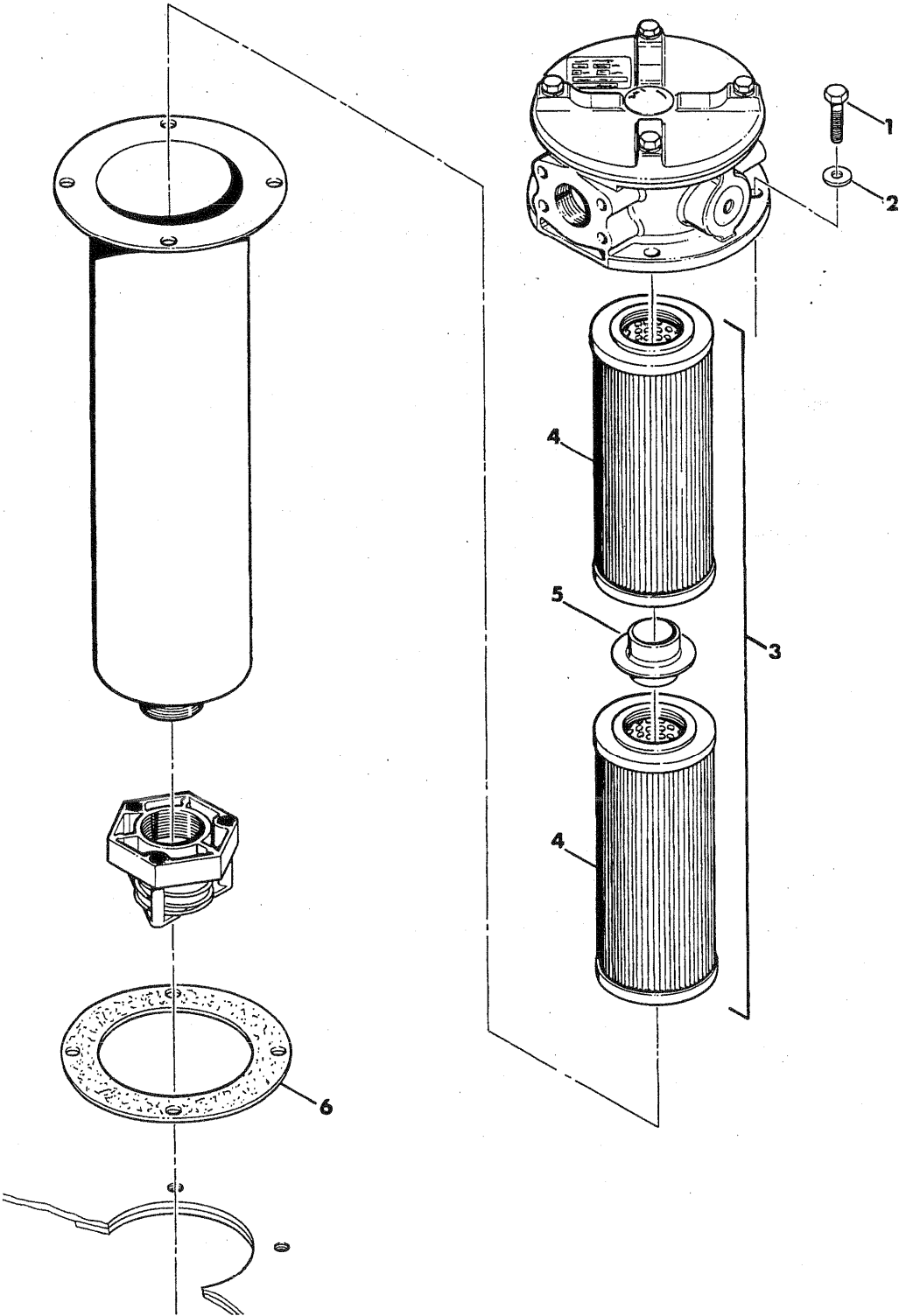
HYDRAULIC TANK ASSEMBLY



HYDRAULIC TANK ASSEMBLY

REF	PART	QTY.
NO.	NO.	DESCRIPTION
U	S	E D
1	TNK0029311	HYDRAULIC TANK ASSEMBLY 1
2	GSK0000RG4	FILTER HOUSING GASKET 1
3	FIL0001592	MAIN SYSTEM HYDRAULIC FILTER 1
4	HYD3159022	1-1/2 HEX HEAD STEEL PIPE PLUG 1
5	PPE1502500	1-1/2X2-1/2 EH BLK PIPE NIPPL 1
6	PPE0150900	1-1/2 90* STD BLK PIPE ELBOW 2
7	HYD5205090	1-1/2JIC X 1-1/2NPT MALE CONN 1
8	HOS0029711	VLV MANIFOLD PORT D TO OIL FIL 1
9	SCC0030004	3/8 X 1-1/2 NC HT CS - PLATED 4
10	WAS0093781	THREAD SEALING WASHER 4
11	FT 0000530	BREATHING CAP 1
12	HYD3109096	1-1/2 X 3/4 STEEL PIPE BUSHING 1
13	CLP0060413	1/2" CONDUIT CLAMP 1
14	HYD3159021	1-1/4 HEX HEAD STEEL PIPE PLUG 1
15	HYD3159070	1" HEX HEAD STEEL PIPE PLUG 1
16	CLP0100125	1-1/4" HYDRA ZORB HOSE CLAMP 1
17	SWI0059037	FLOAT SWITCH 1
18	CNR0020037	1/2"X45*LIQUID TIGHT CONNECTOR 1
19	HYD3159060	3/4 HEX HEAD STEEL PIPE PLUG 2
20	FIL4056154	TWIN-LIFE SUMP FLTR W/3PSI BYP 1
21	PPE0250000	2-1/2 EX HVY CLOSE PIPE NIPPLE 1
22	PPE2502000	2-1/2 X 2 HEX BSH'G (S. ONLY) 1
23	PPE0020000	2" X2 CLOS BLK PIPE NIPPLE 1
24	PPE2001250	2 X 1-1/2 STD BLK PIPE BUSH 1
25	HYD5205100	1-1/4JIC X 1-1/4NPT MALE CONN 2
26	HOS0029720	TANK TO CENTER PUMP SUCTION 1
27	HOS0029721	TANK TO FORWARD PMP SUCTION 1
28	PPE1501250	1-1/2X1-1/4 MAL:FEM HEX BUSH 1
29	PPE0015000	1-1/2 XCLO XH BLK PIPE NIPPLE 1
30	PPEH200150	2X1-1/2 EH FORGE BLK HEX BSHG 1
31	PPE0042000	2" EX BLACK PIPE TEE 1
32	HYD3159040	1/2 HEX HEAD STEEL PIPE PLUG 2
33	FD 0000048	DECAL-"MAINTAIN OIL LEVEL" 1
34	FD 0000044	DECAL-DIRECTION ARROW 1
35	NFJ0005000	1/2" NF JAM NUT 2
36	RNG7629040	RING 2
37	GAG0064051	GAUGE W/STEEL DIAL THERMOMETER 1
38	PPE0025000	2 1/2" NPT STEEL HEX PLUG 1
39	NCE0000313	5/16" NC ESNA NUT - PLATED 2
40	DPT0004000	BAFFLE ADAPTER 1
41	SCC0020004	5/16 X 1-1/2 NC HT CS - PLATED 2
42	CVR0000180	END COVER - LHA#EC-18D 1
43	SCC0070008	5/8 X 2-1/2 NC HT CS - PLATED 1
44	PLU0000750	3/4 HEX HD MAGNETIC PIPE PLUG 1
45	HYD5205060	3/4 JIC X 3/4 NPT MALE CONN 1

MAINHYDRAULICFILTER



MAINHYDRAULICFILTER (FIL0001592)

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	SCC0030004	3/8 X 1-1/2 NC HT CS - PLATED	4
2	WAS0093781	THREAD SEALING WASHER	4
3	KIT0003000	FILTER CHANGE OVER KIT	1
4	FIL0003000	HYDRAULIC FILTER ELEMENT	2
5	FIL0001997	FILTER CONNECTOR	1
6	GSK0000RG4	FILTER HOUSING GASKET	1

PLUNGER CYLINDER HOSES, MOUNTS AND CLAMPS

REF	PART		QTY.
NO.	NO.	DESCRIPTION	
U	S	E	D
1	CYL0024674	PLUNGER CYLINDER	1
2	HYD5515070	1" JIC X 1" O-RING 90° ELBOW	1
3	HOS0029713	VLV MANIFLD PORT M TO ROD END	1
4	HYD5515018	1-1/4 JIC X 1" O-RING 90° ELBOW	1
5	HOS0029712	VLV MANIFLD PORT L TO BUTT END	1
6	CLP0100125	1-1/4" HYDRA ZORB HOSE CLAMP	2
7	SCC0030002	3/8 X 1 NC HT CS - PLATED	4
8	MNT0027147	HOSE CLAMP MOUNT	1
9	WLK0000375	3/8" MEDIUM LOCKWASHER - PLTD	4
10	BKT0029700	HOSE CLAMP MOUNT BRACKET	1
11	NCH0000375	3/8" NC HEX NUT - PLATED	2
12	CLP0035775	5" H. D. EXHAUST CLAMP	1
13	MNT0024626	HOSE CLAMP MOUNTING CHANNEL	1

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