

LIFT & TURN MASTER ASSEMBLY

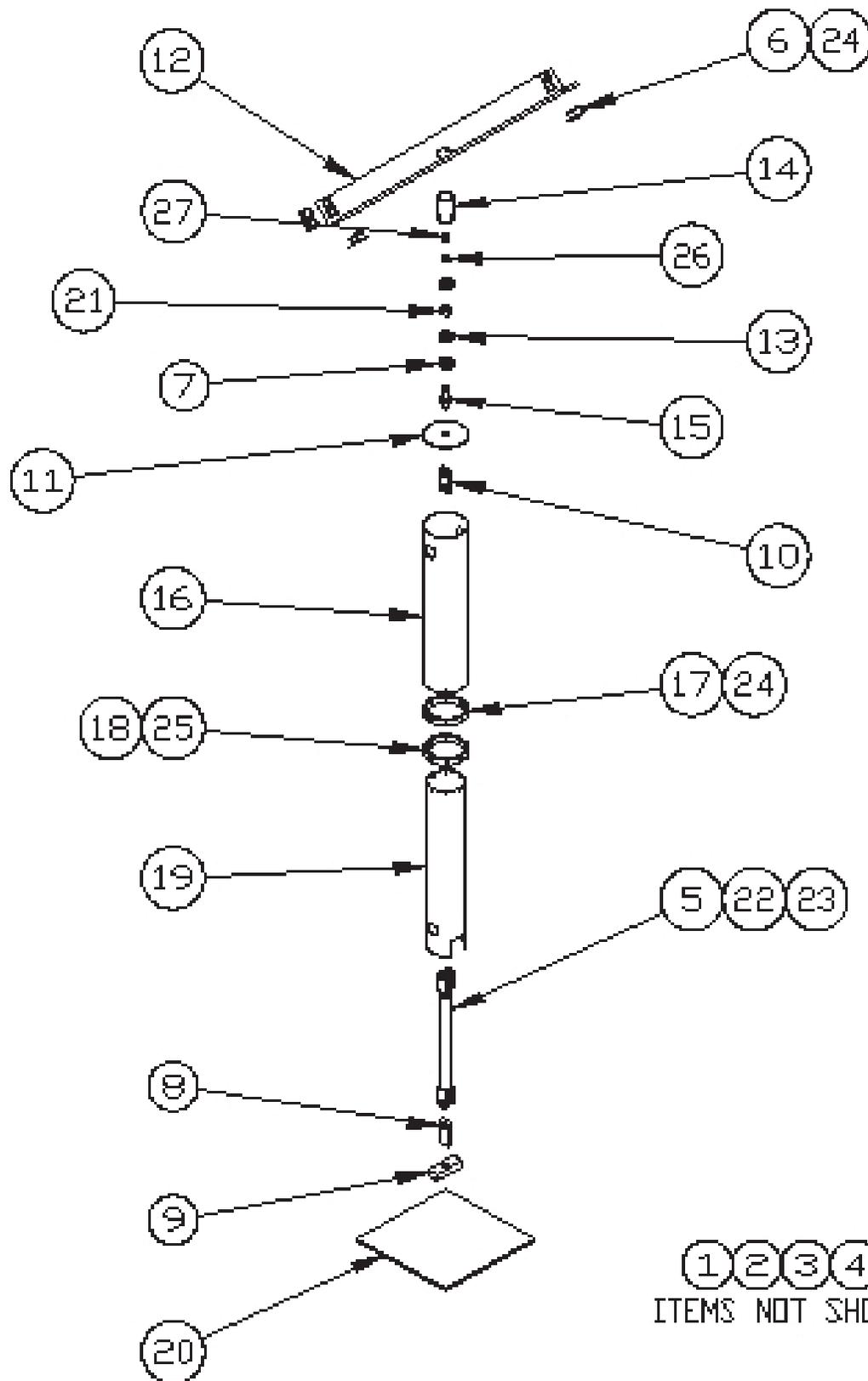
NA North Alabama Pipe Corporation

20-LTA1

LIFT & TURN MASTER PARTS LIST

ITEM	PART NUMBER	QTY	DESCRIPTION
1	AIR-533	1	1/4 NPT X 5' LG. NIPPLE
2	BRG-918	8	BALL CASTER
3	BRG-919	2	BEARING
4	HYD-051	1	18-1/2" HYD. HOSE - DNCYL (SEE DWG #20-LTA1-01)
5	HYD-055	2	BRASS 90° 1/4 NPT ELBOW
6	HYD-056	1	HYD. CYLINDER Ø1.5" X 12"
7	LMP-8000	1	BOTTOM CYLINDER MOUNT
8	LMP-8001	1	MOUNT FOOT
9	LMP-8002	1	TOP CYLINDER MOUNT
10	LMP-8004	1	END CAP
11	LMP-8022	1	PIPE CRADLE
12	LMP-8500	1	BEARING SPACER
13	LMP-8501	1	BEARING HOUSING
14	LMP-8502	1	PIVOT PIN
15	LMP-8503	1	OUTER TUBE
16	LMP-8504	1	BOTTOM SLEEVE RING
17	LMP-8505	1	TOP SLEEVE RING
18	LMP-8506	1	INNER TUBE
19	LMP-8508	1	BASE PLATE
20	LMP-8509	1	INNER RACE SPACER
21	MSC-500	2	CLEVIS PIN
22	MSC-575	2	COTTER PIN
23	FAS-E2	40	#10-24 X 1/2" LG. BHSCS
24	FAS-E7	8	#10-24 X 5/8" LG. FHSCS
25	FAS-G19	4	5/16-18 HEX NUT
26	FAS-G21	4	5/16" FLAT WASHER
27	FAS-G22	4	Ø5/16" LOCK WASHER
28	FAS-G24	4	5/16-18 X 1-1/4" LG. FHCS
29	FAS-I22	1	1/2" FLAT WASHER
30	FAS-I28	1	1/2-13 X 1" LG. HHCS

20-LTA1 BOM



LIFT & TURN SLAVE ASSEMBLY

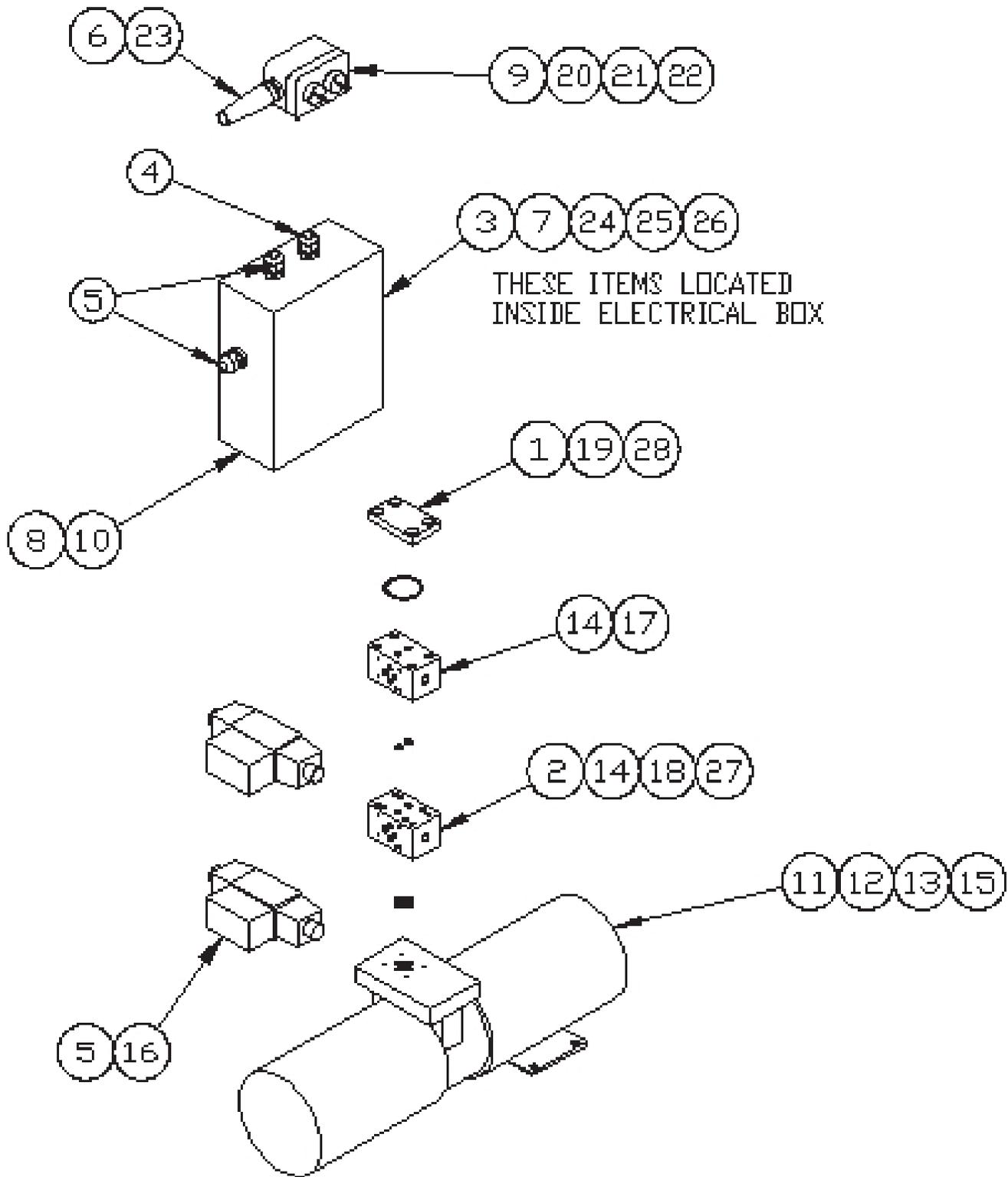
NA North Alabama Pipe Corporation

20-LTA2

LIFT & TURN SLAVE PARTS LIST

ITEM	PART NUMBER	QTY	DESCRIPTION
1	AIR-533	1	1/4" NPT X 5' LG. NIPPLE
2	HYD-050	2	15' HYD HOSE SLAVE
3	HYD-051	1	18-1/2" HYD. HOSE - DNCYL (SEE DWG. #20-LTA1-01)
4	HYD-055	2	BRASS 90° 1/4 NPT ELBOW
5	HYD-056	1	HYD. CYLINDER Ø1.5" X 12"
6	BRG-918	8	BALL CASTER
7	BRG-919	2	BEARING
8	LMP-8000	1	BOTTOM CYLINDER MOUNT
9	LMP-8001	1	MOUNT FOOT
10	LMP-8002	1	TOP CYLINDER MOUNT
11	LMP-8004	1	END CAP
12	LMP-8022	1	PIPE CRADLE
13	LMP-8500	1	BEARING SPACER
14	LMP-8501	1	BEARING HOUSING
15	LMP-8502	1	PIVOT PIN
16	LMP-8503	1	OUTER TUBE
17	LMP-8504	1	BOTTOM SLEEVE RING
18	LMP-8505	1	TOP SLEEVE RING
19	LMP-8506	1	INNER TUBE
20	LMP-8507	1	BASE PLATE
21	LMP-8509	1	INNER RACE SPACER
22	MSC-500	2	CLEVIS PIN
23	MSC-575	2	COTTER PIN
24	FAS-E2	40	#10-24 X 1/2" LG. BHSCS
25	FAS-E7	8	#10-24 X 5/8" LG. FHSCS
26	FAS-I22	1	1/2" FLAT WASHER
27	FAS-I28	1	1/2-13 X 1" LG. HHCS

20-LAT2 BOM

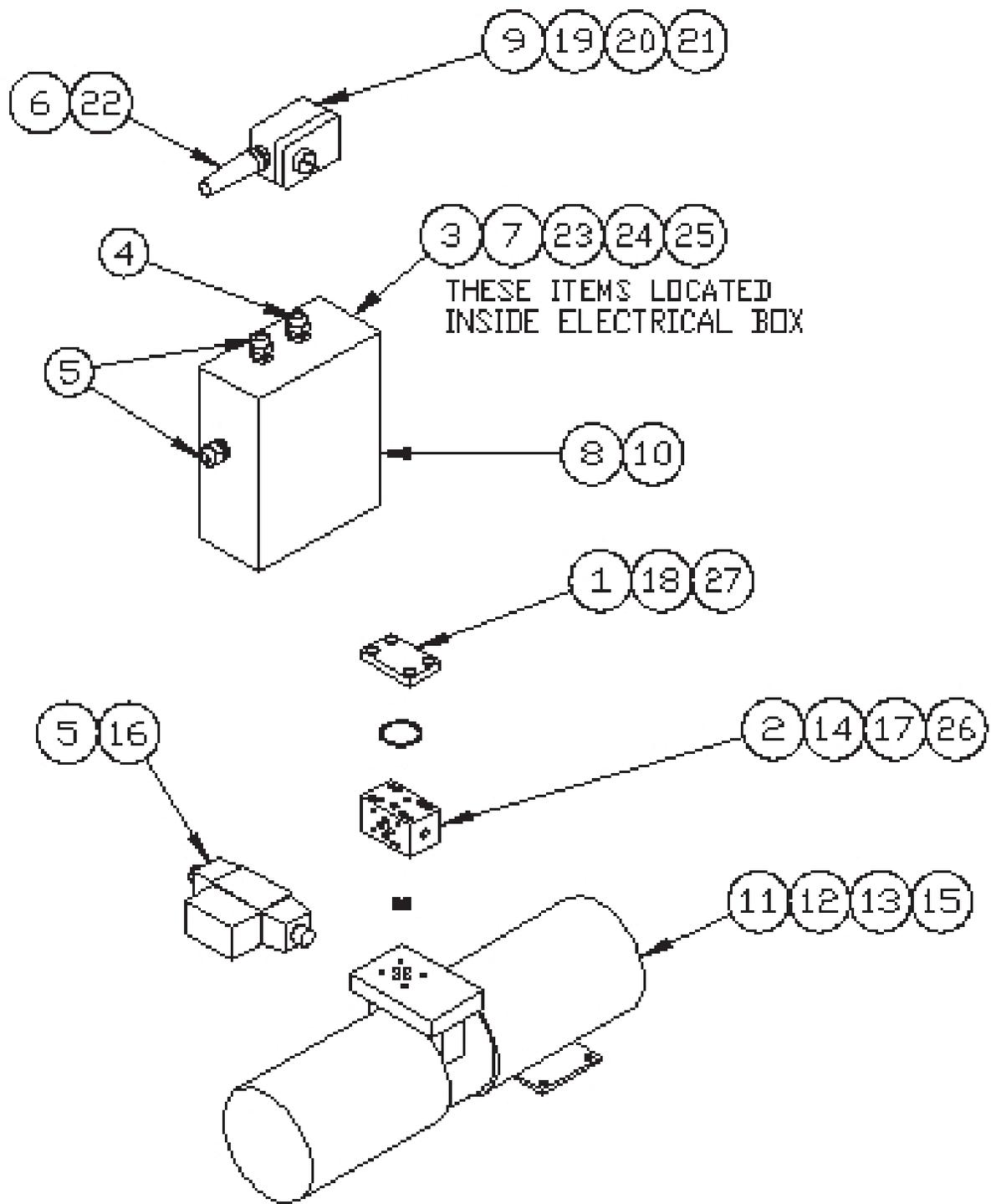


LIFT & TURN 2 STATION
HYDRAULIC POWER UNIT

LIFT & TURN 2 STATION HYDRAULIC POWER UNIT

ITEM	PART NUMBER	QTY	DESCRIPTION
1	BRG-955	1	LARGE O'RING
2	BRG-956	6	SMALL O'RING
3	EPP-0127	1	LIFT & TURN TERMINAL BLOCK
4	EPP-0133	1	LARGE STRAIN RELIEF
5	EPP-0135	4	SMALL STRAIN RELIEF
6	EPP-0136	1	SMALL STRAIN RELIEF PIGTAIL
7	EPP-0142	1	24V, 4 AMP, 115/230 TRANSFORMER
8	EPP-0178	1	METAL BOX
9	EPP-0179	1	CONTROL BOX LIFT & TURN
10	EPP-0258	1	ELECT. HAZ. LABEL LARGE
11	HYD-053	1	22-1/2' LG. HYD. HOSE - UP PUMP (SEE DWG. #20-LTA1-01)
12	HYD-054	1	26' LG. HYD. HOSE - DN PUMP (SEE DWG. #20-LTA1-01)
13	HYD-057	2	9/16 THD. PLUG W/O-RING
14	HYD-058	4	1/4, 90° FPIPE SWIVEL TO MALE PIPE ELBOW
15	HYD-063	1	HYDRAULIC POWER UNIT SLOW LT
16	HYD-064	2	HYDRAULIC VALVE
17	LMP-8023	1	SLAVE BLOCK
18	LMP-8024	1	MASTER BLOCK
19	LMP-8033	1	VALVE END BLOCK
20	SWT-0022	2	CONT. BLK. NO. 30 MMSW
21	SWT-0031	2	30mm SPR. RET. 3 POS. SWITCH
22	SWT-0040	2	LGND PLATE 30mm DN/UP
23	WIR-820	1	18-6 S.O. CORD X 15 Ft. LG.
24	FAS-C6	2	#6-32 X 1/2' LG. RHMS
25	FAS-D4	6	#8-32 X 1/2' LG. RHMS
26	FAS-D15	4	#8 HEX. NUT
27	FAS-E32	4	#10-24 X 2' LG. SHCS
28	FAS-G15	4	5/16-18 X 3' LG. SHCS

20-LTA2HYD BOM



LIFT & TURN 1 STATION HYDRAULIC POWER UNIT

LIFT & TURN 1 STATION HYDRAULIC POWER UNIT

ITEM	PART NUMBER	QTY	DESCRIPTION
1	BRG-955	1	LARGE O'RING
2	BRG-956	4	SMALL O'RING
3	EPP-0127	1	LIFT & TURN TERMINAL BLOCK
4	EPP-0133	1	LARGE STRAIN RELIEF
5	EPP-0135	3	SMALL STRAIN RELIEF
6	EPP-0136	1	SMALL STRAIN RELIEF PIGTAIL
7	EPP-0142	1	24V, 4 AMP, 115/230 TRANSFORMER
8	EPP-0178	1	METAL BOX
9	EPP-0179	1	CONTROL BOX LIFT & TURN
10	EPP-0258	1	ELECT. HAZ. LABEL LARGE
11	HYD-053	1	22-1/2' LG. HYD. HOSE - UP PUMP (SEE DWG. #20-LTA1-01)
12	HYD-054	1	26' LG. HYD. HOSE - DN PUMP (SEE DWG. #20-LTA1-01)
13	HYD-057	2	9/16 THD. PLUG W/O-RING
14	HYD-058	2	1/4, 90° F PIPE SWIVEL TO MALE PIPE ELBOW
15	HYD-063	1	HYDRAULIC POWER UNIT SLOW LT
16	HYD-064	1	HYDRAULIC VALVE
17	LMP-8024	1	MASTER BLOCK
18	LMP-8033	1	VALVE END BLOCK
19	SWT-0022	1	CONT. BLK. NO. 30 MMSW
20	SWT-0031	1	30mm SPR. RET. 3 POS. SWITCH
21	SWT-0040	1	LGND PLATE 30mm DN/UP
22	WIR-820	1	18-6 S.O. CORD X 15 Ft. LG.
23	FAS-C6	2	#6-32 X 1/2' LG. RHMS
24	FAS-D4	6	#8-32 X 1/2' LG. RHMS
25	FAS-D15	4	#8 HEX. NUT
26	FAS-E32	4	#10-24 X 2' LG. SHCS
27	FAS-G8	4	5/16-18 X 1' LG. SHCS

20-LTA1HYD BOM