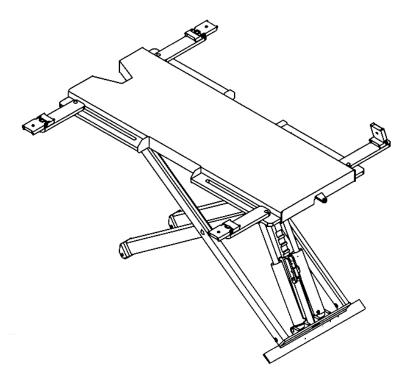


INSTALLATION and OPERATION MANUAL



MIDRISE

MODEL EELR338A/EELR339A 6,500 LB. CAPACITY

READ and SAVE THIS INSTRUCTION MANUAL



Snap-On Tools Corporation 1-800-268-7959

NOV 2004

6-2471

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1. GENERAL SPECIFICATIONS

Maximum Capacity: Maximum Lift Height: Down Position Height: Shipping Weight:

Lift Time 1. Electric Power Unit

2. Air Hydraulic Power Unit Electric 115 V 1 H.P. Motor, 1 PH Air Motor, 100 P.S.I

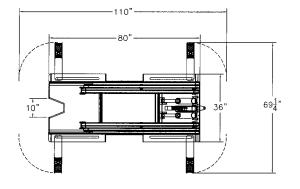
6,500 lbs. 2948 kg.				
48"	1219mm			
4 7/8"	124mm			
1000 lbs.	454 kg.			
60 seconds				

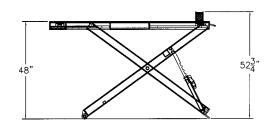
2. TOOLS REQUIRED

7/16" wrench 5/16" socket 5/8" wrench Side cutters

3. SHIPPING CONTENTS

The complete Midrise Lift is contained in two (2) packages. The main structure is packaged onto a shipping skid. The main structure comes fully assembled with lifting arms, main rollers and hydraulics. The remaining items come in an accessory box.





4. INSTALLATION INSTRUCTIONS

When lift arrives on site, please read the owner's manual and check for any freight damage. Also, check the contents to make sure no parts are missing before starting assembly.

4.1 UNPACKING PROCEDURE

Remove the metal strapping from the main structure package and slide the lift off the shipping skid. Open the accessory box and check the contents of the box.

NOTE: The Power Unit is already installed on the Tow Cart

4.2 ASSEMBLY INSTRUCTIONS

Install the handle onto the Power Unit Tow Cart. Align the hole and fasten together using the 1/4"-20UNC x 3/4" LG. hex head bolt and lock washer supplied. See Section 4.4 for safety pedal installation.

4.3 HYDRAULIC SYSTEM INSTALLATION

- 1. Remove breather cap and add 1.1 gallon (4 liters) of ISO 32 (10 Hydraulic weight) hydraulic oil to the Power Unit.
- 2. Reinstall the filler breather cap onto the Power Unit.
- 3. Attach the 90° elbow from the hardware kit to the power unit by removing the red plastic cap.
- 4. Connect the 3/8" NPT-M end of the 12ft. long hydraulic hose to the 3/8" 90 degree fitting that is already installed on the short hydraulic hose at the front of the lift.
- 5. Install the 1/4" JIC female end of the 12' long hydraulic hose to the outlet fitting on the power pack.
- **6.** Plug the power pack utility cord into an approved 110 Volt outlet.

4.4 HYDRAULIC SYSTEM BLEEDING PROCEDURE

NOTE: Make certain lift area is clear from debris and any obstructions. See section 6 for operating instructions.

- 1. Raise the lift a few inches off the floor. Check for any hydraulic leaks.
- 2. Lower the lift completely
- **3.** Repeat this procedure.
- **4.** Raise the lift to full height.
- 5. Attach the safety release pedal to the front angle with self tapping screws provided with the pedal on the outside (See exploded view on pg. 10).
- **6.** Assemble linkage to pedal release bar with retainer provided in the hardware kit (#34 in exploded view on pg.10).
- **7.** Press safety pedal to disengage safety mechanism.
- **8.** Lower lift completely.
- **9.** Repeat step 4, 5, and 6 several times.
- **10.** The hydraulic system is self bleeding

5. POSITIONING INSTRUCTIONS

NOTE: Please review ALI safety card attached to tow cart and inspect lift for mechanical fitness before using.

NOTE: Lifts <u>must</u> only be installed on "level" concrete floors, with a minimum thickness of three (3) inches. Concrete must have a minimum strength of 4,000 psi, and should be aged 30 days prior to installation.

- 1. To move lift, insert the lifting tab of the Power Tow Cart to the lifting bracket on the Mid-Rise. Tilt the cart back and move the Mid-Rise into position in the center of the work area or bay.
- 2. Remove the Power Tow Cart from the lifting bracket of the Mid-Rise and roll the cart to the front of the bay.
- 3. Plug the electric utility cord into an approved 110V outlet or an air line, if equipped with the optional Air Motor.
- **4.** With the lifting arms in the stowed position, in line with the main frame, drive a vehicle over the lift.

NOTE: When positioning a vehicle over the lift, take time to equalize the load front-to-rear and side-to-side.

NOTE: The Midrise lift may be used as a frame contact lift or as a platform lift, depending on the type of vehicle being worked on and the manufacturer recommended lifting points for that vehicle.

NOTE: Obstructions hanging down from the vehicle may be damaged when lifting. Always check between the vehicle and the contact points on the lift.

5. When in use as a frame contact lift, slide the lifting arms freely along the length of the arm support to the desired position. The flip up lift pads have three (3) positions, select and position as recommended to contact the correct lifting points for this vehicle.

NOTE: Some vehicles may require optional riser adapters to reach the manufacturer's recommended lift points.

When in use as a platform lift, move the lifting arms into the stowed position, in line with the main frame. Position the four (4) rubber lifting blocks on top of the platform.

6. OPERATING INSTRUCTIONS

- 1. Raise the lift by pressing the "UP" button on the front face of the Power Unit.
- 2. Continue raising the lift until the mechanical safety "CLICKS" into position. The safety has five positions between lift heights of 24" and 48". Always lower the lift in order to fully engage the mechanical safety lock when the desired working height is reached.
- **3.** To lower the lift; first disengage the safety by raising the lift 1" and pressing the safety release pedal. Next, push the lever on the Power Unit.
- **4.** Lower the lift to the fully down position.

NOTE: The safety mechanism automatically resets when the lift is raised again.

- **5.** Reposition the lifting arms to the stowed position and/or remove the rubber lift blocks.
- **6.** Remove the vehicle by driving forward or reverse off the lift.
- **7.** If the Midrise lift will not be used for any given period of time unplug the power cord.

7. SAFETY INSTRUCTIONS



1. CAUTION

The Midrise lift is designed for tire, brake and body work. It is not recommended for under vehicle work. If this type of work is being done, use (4) adequate capacity & height safety stands at (4) appropriate lifting point on the vehicle. Safety stands are available from your Snap-on dealer.

2. Inspect your Midrise lift daily. Do not operate if it malfunctions or has damaged parts.

- **3.** Never attempt to overload the lift. The manufacturer's rated capacity is shown on the serial number tag.
- **4. DO NOT OVERRIDE** the automatic safety devices incorporated into the lift. Work on the vehicle only when the mechanical safety lock on the lift is activated.
- 5. Only trained and authorized personnel should operate the lift. Do not allow customers or bystanders to operate the lift or be in the work area.
- Position the lifting arms or rubber lift blocks to contact the vehicle manufacturer's recommended lifting points. Raise the lift until the pads contact the vehicle. Check pads for secure contact with the vehicle, then raise the lift to the mechanical safety working height.
- **7.** Always keep the lift area free of obstruction and debris. Grease and oil spills should be cleaned up immediately.

NOTE: When positioning a vehicle over the lift, take time to center the load front-to-rear and side-to-side. The removal or installation of some vehicle parts may cause a critical shift in the center of gravity and may cause the vehicle to become unstable.

8. Before driving over the lift make certain that the lift is completely in the down position, the lifting arms are in the stowed position and that the lifting pads are in the down position.

NOTE: DO NOT ATTEMPT TO OPERATE THE LIFT IF ANY PART IS NOT WORKING PROPERLY OR IF YOU HAVE NOT READ THE COMPLETE OPERATING INSTRUCTION MANUAL.

8. RECOMMENDED MAINTENANCE

8.1 DAILY MAINTENANCE

- **1.** Check general operation of lift.
- 2. Check operation of mechanical safety lock engaging and disengaging.
- **3.** Check condition of floor in roller area for cracks and debris.
- **4.** Check position of hydraulic hose, ensure that a vehicle positioned on the lift or the lift itself will not damage the hose.
- **5.** Check condition of electrical cord before plugging into an approved 110V power supply.

8.2 MONTHLY MAINTENANCE

- 1. Check all hydraulic hoses, fittings and cylinders for leaks.
- **2.** Check level of oil in power unit reservoir when unit is in the lowered position. Add more if required.
- **3.** Check and lubricate safety release device and glide blocks.
- **4.** Inspect 110V plug end and cable.
- 5. Inspect rollers on tow cart and main structure.
- **6.** Inspect lift area for debris and concrete condition.

9. SAFETY AWARENESS - AUTOMOTIVE LIFT INSTITUTE (ALI)

WARNING

4

WARNING

4

WARNING

4

Keep feet clear of lift while lowering.

Remain clear of lift when raising or lowering vehicle.

with center of gravity midway between adapters.

Position vehicle

Keep clear of pinch points when lift is moving.

Avoid excessive rocking of vehicle while on lift.

Clear area if vehicle is in danger of falling.

FOR HINGED FRAME ENGAGING LIFTS SAFETY WARNING LABELS Lift Owner/User Responsibilities:

- conspicuous location in the lift area. This Safety Warning placard SHALL be displayed in a ď
 - arrangements illustrated on back of Use one of the mounting this placard.

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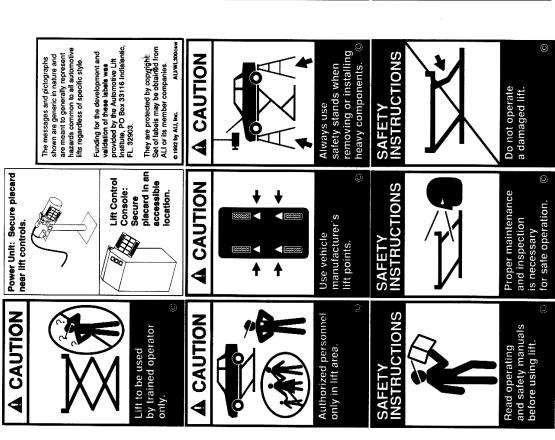
- supplement other documents C. These Safety Warning labels supplied with the lift.
- instructions and other safety related Be certain all lift operators read and understand these labels, operating information supplied with the lift. ä

▲ WARNING

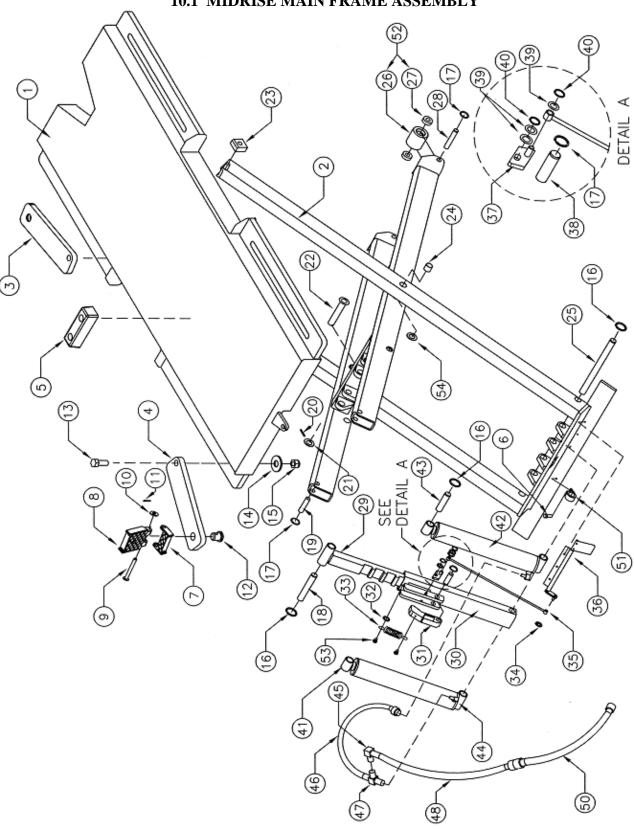
▲ WARNING

WARNING

4







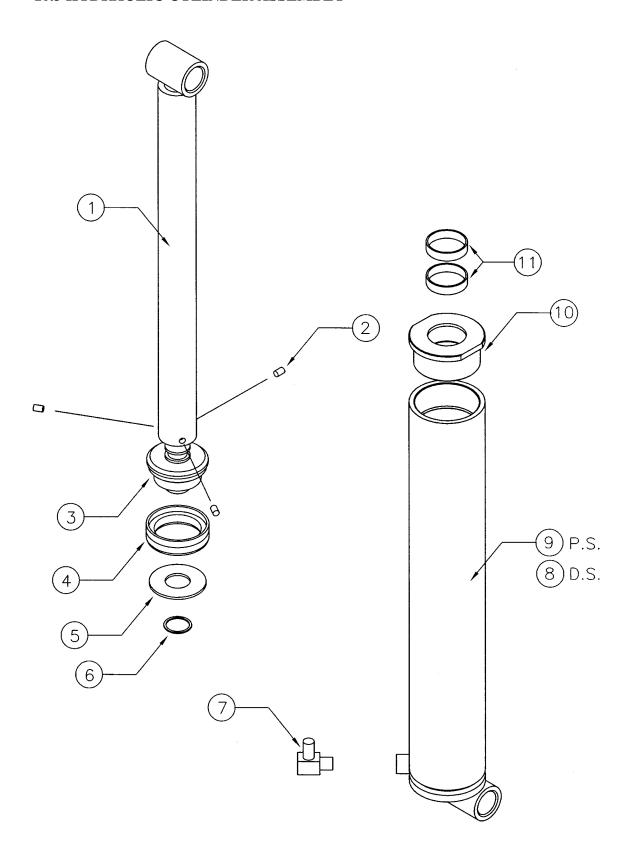
10.2 MIDRISE MAIN FRAME ASSEMBLY - PARTS LIST

ITEM NO.	QTY.	DESCRIPTION	PART NO.
1	1	DECK ASSEMBLY	4-0944
2	1	SCISSOR ASSEMBLY	4-0943
3	2	ARM (RIGHT FRONT / LEFT REAR)	2-1809
4	2	ARM (LEFT FRONT / RIGHT REAR)	2-1808
5	4	RUBBER BLOCK	6-1074
6	4	SELF TAPPING SCREW #12 X 1/2" LG.	6-1134
7	4	LOW ADAPTER	3-0583
8	4	HIGH ADAPTER	3-0582
9	4	CENTER PIN	1-1099
10	4	FLAT WASHER ½" I.D.	6-0063
11	4	COTTER PIN 1/8" X 1 1/2" LG.	6-0267
12	4	ADAPTER PIN	1-1091
13	4	ARM BOLT	1-1076
14	4	FLAT WASHER 1" I.D.	6-1106
15	4	LOCK NUT 1"- 8 UNC	1-1385
16	8	EXTERNAL SNAP RING 1"	6-0581*
17	10	EXTERNAL SNAP RING 34"	6-2445*
18	1	SAFETY UPPER PIN	1-2342
19	2	HINGE PIN	1-2336
20	2	SPRING PIN 3/16" X 1 1/4" LG.	6-0749
21	2	KEEPER WASHER	1-0725
22	2	SCISSOR PIN	1-2373
23	2	GLIDE BLOCK	1-2335
24	8	FIBRE WOUND BEARING	6-1620
25	1	LOWER CYLINDER MOUNTING PIN	1-2343
26	2	ROLLER	1-0807
27	4	BEARING	6-0751
28	2	ROLLER PIN	1-2338
29	1	SAFETY RACK	2-1821*
30	1	SAFETY OUTER	3-0844*
31	1	SAFETY LOCK	1-2371*
32	1	FLAT WASHER #10 I.D.	6-0816*
33	1	SPRING	1-1115*
34	1	RETAINER 5/16"	6-2470*
35	1	PUSHROD	2-1822*
36	1	SAFETY PEDAL ASSEMBLY	2-1823
37	1	SAFETY RESET	1-2370*
38	1	SAFETY LOCK PIN	1-2337*
39	3	FLAT WASHER 5/16"	6-0295*
40	2	EXTERNAL SNAP RING 5/16"	6-2449*
41	1	HYDRAULIC CYLINDER (P.S.)	3-0839
42	1	HYDRAULIC CYLINDER (D.S.)	3-0838
43	2	UPPER CYLINDER MOUNTING PIN	1-2340
44	2	FLOW CONTROL 90° ELBOW	6-1638
45	1	90° SWIVEL ELBOW	6-2467
46	1	HYDRAULIC HOSE 13"	1-2368
47	1	SWIVEL TEE	6-2466

ITEM NO.	QTY.	DESCRIPTION	PART NO.
48	1	HYDRAULIC HOSE 19" LG.	1-0858
49	1	3/8" NPT-F 90 DEGREE HYDRAULIC STEEL FITTING	6-0006
50	1	HYDRAULIC HOSE 12'	2-0602
51	1	TUBE CLAMP ½"	6-0536
52	2	ROLLER ASSEMBLY KIT (W/ ROLLER BEARINGS)	0-0191
53	2	SELF TAPPING SCREW #10 X 3/8" LG.	6-0169*
54	4	THRUST WASHER	6-0807

 $\underline{\textbf{NOTE:}} \text{ ITEMS MARKED WITH (*) ARE PART OF } \textit{SAFETY ASSEMBLY KIT \# 0-0900}.$

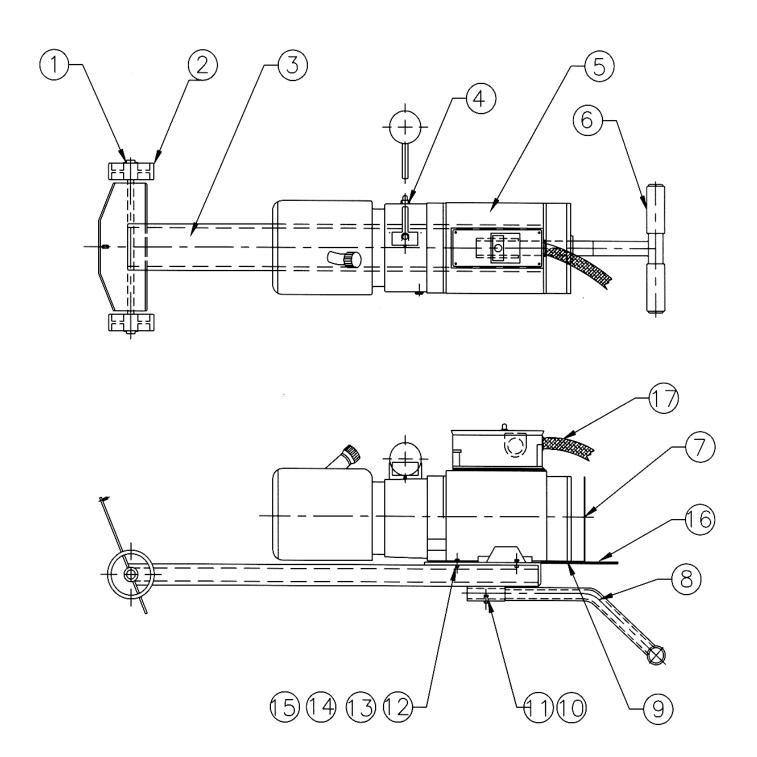
10.3 HYDRAULIC CYLINDER ASSEMBLY



10.4 HYDRAULIC CYLINDER ASSEMBLY - PARTS LIST

ITEM NO.	QTY.	DESCRIPTION	PART NO.	
1	1	PISTON TUBE WELDMENT	2-1827	
2	3	SET SCREW	6-0580	
3	1	PISTON	2-1806	
4	1	PISTON SEAL KIT	6-2915*	
5	1	KEEPER WASHER	1-1148*	
6	1	EXTERNAL SNAP RING	6-0581*	
7	1	FLOW CONTROL 90° ELBOW	6-1638	
8	1	CYLINDER TUBE (D.S.)	2-1828	
9	1	CYLINDER TUBE (P.S.)	2-1829	
10	1	GLAND	1-2345	
11	2	WEAR RING	6-2093	
	NOTE: PART NUMBERS MARKED WITH AN ASTERIX (*)			
	ARE CONTAINED IN REPAIR KIT NUMBER 0-1287 (1 CYL.)			
	AND ()-1288 (2 CYL.)		

10.5 POWER UNIT TOW CART

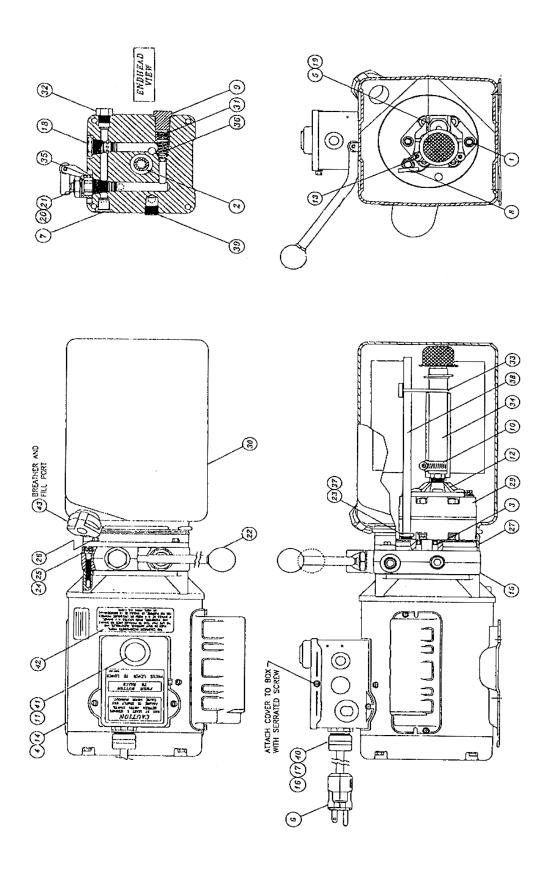


10.6 POWER UNIT TOW CART - PARTS LIST

ITEM NO.	QTY.	DESCRIPTION	PART NO.
1	2	HUB CAP NUT	6-1833
2	2	WHEEL	6-0753
3	1	STAND (INCLUDING WHEELS AND HUB CAP NUTS)	4-0207-01
4	1	90° ELBOW	6-1093
5	1	POWER UNIT 115/230V 1PH 60HZ 1 HP	6-2249
6	2	GRIP HANDLE	6-0758
7	1	DECAL "OPERATING INSTRUCTIONS"	6-2469
8	1	"T" HANDLE (INCLUDING GRIPS AND HARDWARE)	3-0408-01
9	1	BRACKET	1-0853
10	1	HEX BOLT 1/4"-20UNC X 3/4" LG.	6-0178
11	1	LOCKWASHER 1/4" I.D.	6-0056
12	4	HEX BOLT 5/16"-18UNC X 3/4" LG.	6-0423
13	4	LOCKWASHER 5/16" I.D.	6-0674
14	4	FLAT WASHER 5/16" I.D.	6-0295
15	4	HEX NUT 5/16"-18UNC	6-0294
16	1	ALI PLACARD	6-0990
17	1	PLUG	6-1711
*	1	COMPLETE TOWCART W/ ELECTRIC POWER UNIT	4-0955

⁻SEE NEXT PAGE FOR THE POWER UNIT ASSEMBLY

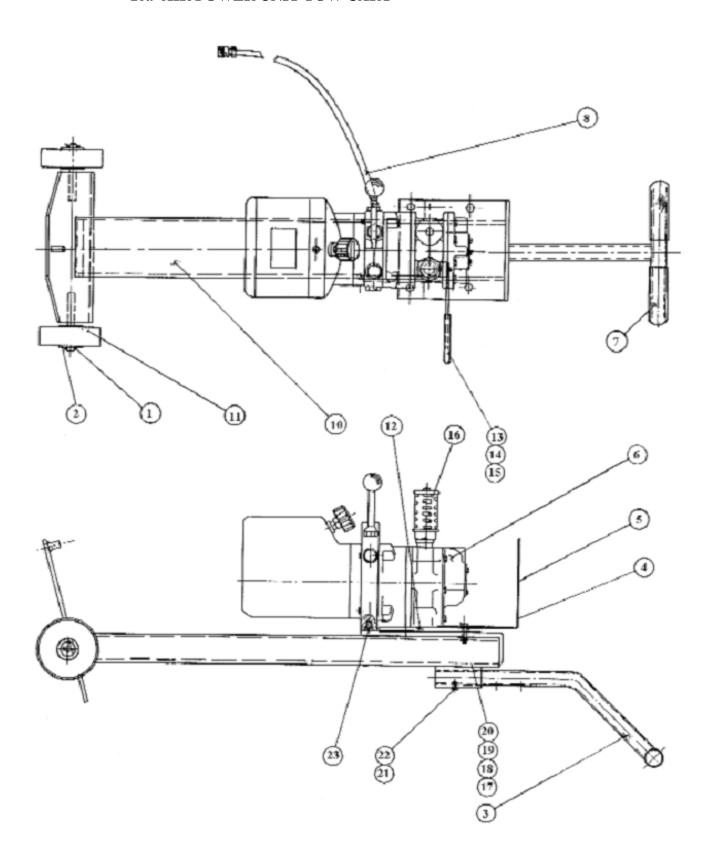
10.7 POWER UNIT: #6-2249 (AB-1425) 115-230V/1PH/60Hz



10.8 POWER UNIT PARTS LIST: #6-2249 (AB-1425) 115-230V/1PH/60Hz

1	ITEM	QTY.	DESCRIPTION	PART #
3 1 SEAL SHAFT 0.500" x 1.00" x 0.25" 6-2 4 1 MOTOR AC PSC #613000 115/230 1 HP 1PH BLK 6-2 5 1 WASHER 0.338" x 0.625" x 0.060" STEEL 6-2 6 1 CORDSET 16/3 SJO BFT 115V PLUG 6-2 7 1 PACKAGE PLUG 9/16" SAE 6-2 8 1 PLUMBING MAGNET 6-2 9 1 RELIEF VALVE CAP ASSEMBLY 6-2 10 1 PLUMBING CLAMP HOSE ADJ INLET 6-3 11 2 ELECTRIC STAKON NUT 6-3 12 1 COVER ASS"Y SUCTION 6-3 13 2 SCREW TAPTITE M6x1.0 12MM TORX 6-1 14 1 NAMELATE, SERIAL 6-1 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6-2 16 1 ELECTRIC CORD GRIP ¾" NPT 6-2 16 1 ELECTRIC CORD GRIP ¾" NPT 6-2 17 1 ELECTRIC CORD GRIP ¾" 6-2 18 1 VALVE LOAD DELAY	1	2	BOLT 5/16"-24 x 2 3/4" TORX G8	6-2298
4 1 MOTOR AC PSC #613000 115/230 1 HP 1PH BLK 6-5 5 1 WASHER 0.338" x 0.625" x 0.060" STEEL 6-6 6 1 CORDSET 16/3 SJO 8FT 115V PLUG 6-7 7 1 PACKAGE PLUG 9/16" SAE 6-7 8 1 PLUMBING MAGNET 6-7 8 1 PLUMBING MAGNET 6-7 9 1 RELIEF VALVE CAP ASSEMBLY 6-7 10 1 PLUMBING CLAMP HOSE ADJ INLET 6-7 11 2 ELECTRIC STAKON NUT 6-7 12 1 COVER ASS'Y SUCTION 6-7 13 2 SCREW TAPTITE M6s1.0 12MM TORX 6-7 14 1 NAMEPLATE, SERIAL 15 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6-7 16 1 ELECTRIC CORD GRIP ¾" NPT 6-7 17 1 ELECTRIC PIPENUT ¾" 6-7 18 1 VALVE CARTRIDGE CHECK 6-7 19 1 VALVE LOAD DELAY 6-7 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-7 21 1 WASAHER ¾" INT. TOOTH LOCK 6-7 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-7 23 1 COMPRESSION TUBE NUT 6-7 24 4 BOLT M6 x 1.0 35MM SOC HD 6-7 25 4 WASHER ¾" LOCK HI-COLLAR 6-7 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-7 27 1 O-RING 2-348 BUNA 6-7 28 1 COVER ASSY SUCTION 6-7 30 1 PLUMBING PLUG 3/8"NPT 6-7 31 1 SPRING 0-480" x 0.063" x 0.42" COMP 6-7 31 1 SPRING 0-480" x 0.063" x 0.42" COMP 6-7 31 1 SPRING 0-480" x 0.063" x 0.42" COMP 6-7 32 1 PLUMBING PLUG 5/16" SAE 6-7 33 1 CABLE TIE 8" LONG WHITE 6-7 34 1 PLUMBING PLUG 5/16" SAE 6-7 35 1 CABLE TIE 8" LONG WHITE 6-7 36 1 RETURN HOSE 3/8" NOL X 0.000" 6-7 37 1 COMPRESSION TUBE SLEEVE 6-7 38 1 RETURN HOSE 3/8" NOL X 0.000" 6-7 39 1 PLUMBING PLUG 3/8"NPT 6-7 39 1 PLUMBING PLUG 3/8"NPT 6-7	2	1	COUPLING SAE 9T-20/40 1.260"	6-0774
5 1 WASHER 0.338" x 0.625" x 0.060" STEEL 6-2 6 1 CORDSET 16/3 SJO 8FT 115V PLUG 6-2 7 1 PACKAGE PLUG 9/16" SAE 6-2 8 1 PLUMBING MAGNET 6-2 9 1 RELIEF VALVE CAP ASSEMBLY 6-1 10 1 PLUMBING CLAMP HOSE ADJ INLET 6-2 11 2 ELECTRIC STAKON NUT 6-2 12 1 COVER ASS'Y SUCTION 6-3 13 2 SCREW TAPTITE M6x1.0 12MM TORX 6-3 14 1 NAMEPLATE, SERIAL 6-1 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6-2 16 1 ELECTRIC CORD GRIP ¾4" NPT 6-3 17 1 ELECTRIC CORD GRIP ¾4" NPT 6-4 18 1 VALVE CARTRIDGE CHECK 6-1 19 1 VALVE LOAD DELAY 6-2 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 21 1 WASAHER ¾" INT. TOOTH LOCK 6-2	3	1	SEAL SHAFT 0.500" x 1.00" x 0.25"	6-2158
6 1 CORDSET 16/3 SJO 8FT 115V PLUG 6-2 7 1 PACKAGE PLUG 9/16" SAE 6-2 8 1 PLUMBING MAGNET 6-2 9 1 RELIEF VALVE CAP ASSEMBLY 6-2 10 1 PLUMBING CLAMP HOSE ADJ INLET 6-2 11 2 ELECTRIC STAKON NUT 6-2 12 1 COVER ASS'Y SUCTION 6-1 13 2 SCREW TAPTITE M6x1.0 12MM TORX 6-1 14 1 NAMEPLATE, SERIAL 6-1 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6-2 16 1 ELECTRIC CORD GRIP ¾" NPT 6-2 17 1 ELECTRIC PIPENUT ¾" 6-2 18 1 VALVE CARTRIDGE CHECK 6-2 19 1 VALVE LOAD DELAY 6-2 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 21 1 WASAHER ¾" INT. TOOTH LOCK 6-2 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-2 <td>4</td> <td>1</td> <td>MOTOR AC PSC #613000 115/230 1 HP 1PH BLK</td> <td>6-2299</td>	4	1	MOTOR AC PSC #613000 115/230 1 HP 1PH BLK	6-2299
7 1 PACKAGE PLUG 9/16" SAE 6-2 8 1 PLUMBING MAGNET 6-3 9 1 RELIEF VALVE CAP ASSEMBLY 6-1 10 1 PLUMBING CLAMP HOSE ADJ INLET 6-2 11 2 ELECTRIC STAKON NUT 6-1 12 1 COVER ASS'Y SUCTION 6-1 13 2 SCREW TAPTITE M6x1.0 12MM TORX 6-1 14 1 NAMEPLATE, SERIAL 1 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6-2 16 1 ELECTRIC CORD GRIP ¾" NPT 6-1 17 1 ELECTRIC PIPENUT ¾" 6-2 18 1 VALVE CARTRIDGE CHECK 6-1 19 1 VALVE LOAD DELAY 6-2 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 21 1 WASAHER ¾" INT. TOOTH LOCK 6-2 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-2 23 1 COMPRESSION TUBE NUT 6-2	5	1	WASHER 0.338" x 0.625" x 0.060" STEEL	6-2159
8 1 PLUMBING MAGNET 6- 9 1 RELIEF VALVE CAP ASSEMBLY 6- 10 1 PLUMBING CLAMP HOSE ADJ INLET 6- 11 2 ELECTRIC STAKON NUT 6- 12 1 COVER ASS'Y SUCTION 6- 13 2 SCREW TAPTITE M6x1.0 12MM TORX 6- 14 1 NAMEPLATE, SERIAL 1 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6- 16 1 ELECTRIC CORD GRIP ¾" NPT 6- 17 1 ELECTRIC CORD GRIP ¾" NPT 6- 18 1 VALVE CARTRIDGE CHECK 6- 19 1 VALVE CARTRIDGE CHECK 6- 19 1 VALVE LOAD DELAY 6- 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6- 21 1 WASAHER ¾" INT. TOOTH LOCK 6- 22 1 BRACKET HANDLE ASS'Y REL BLACK 6- 23 1 COMPRESSION TUBE NUT 6- <t< td=""><td>6</td><td>1</td><td>CORDSET 16/3 SJO 8FT 115V PLUG</td><td>6-2300</td></t<>	6	1	CORDSET 16/3 SJO 8FT 115V PLUG	6-2300
9 1 RELIEF VALVE CAP ASSEMBLY 6 10 1 PLUMBING CLAMP HOSE ADJ INLET 6 11 2 ELECTRIC STAKON NUT 6 12 1 COVER ASS'Y SUCTION 6 13 2 SCREW TAPTITE M6x1.0 12MM TORX 6 14 1 NAMEPLATE, SERIAL 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6 16 1 ELECTRIC CORD GRIP ¾" NPT 6 17 1 ELECTRIC PIPENUT ¾" 18 1 VALVE CARTRIDGE CHECK 6 19 1 VALVE LOAD DELAY 6 19 1 VALVE LOAD DELAY 6 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6 21 1 WASAHER ¾" INT. TOOTH LOCK 6 22 1 BRACKET HANDLE ASS'Y REL BLACK 6 23 1 COMPRESSION TUBE NUT 6 24 4 BOLT M6 x 1.0 35MM SOC HD 6 25 4 WASHER ¾" LOCK HI-COLLAR 6 26 4 BOLT #12-24 x .50 HEX WSHRHD 6 27 1 O-RING 2-348 BUNA 6 28 1 COVER ASSY SUCTION 6 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6 30 1 TANK PLASTIC 6-7 CT 11.0" BLACK 6 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6 33 1 CABLE TIE 8" LONG WHITE 6 34 1 PLUMBING PLUG 5/16" SAE 6 35 1 VALVE CARTRIDGE RELEASE MANUAL 6 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6 37 1 COMPRESSION TUBE SLEEVE 6 38 1 RETURN HOSE 3/8" OD x 10.0" 6 39 1 PLUMBING PLUG 3/8"NPT 6	7	1	PACKAGE PLUG 9/16" SAE	6-2301
10 1 PLUMBING CLAMP HOSE ADJ INLET 6-1 11 2 ELECTRIC STAKON NUT 6-1 12 1 COVER ASS'Y SUCTION 6-1 13 2 SCREW TAPTITE M6x1.0 12MM TORX 6-1 14 1 NAMEPLATE, SERIAL 1 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6-2 16 1 ELECTRIC CORD GRIP ¾" NPT 6-1 17 1 ELECTRIC PIPENUT ¾" 6-2 18 1 VALVE LOAD DELAY 6-2 19 1 VALVE LOAD DELAY 6-2 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 21 1 WASAHER ¾" INT. TOOTH LOCK 6-2 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-2 23 1 COMPRESSION TUBE NUT 6-2 24 4 BOLT M6 x 1.0 35MM SOC HD 6-2 25 4 WASHER ¼" LOCK HI-COLLAR 6-2 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-2 </td <td>8</td> <td>1</td> <td>PLUMBING MAGNET</td> <td>6-2162</td>	8	1	PLUMBING MAGNET	6-2162
11 2 ELECTRIC STAKON NUT 6-12 12 1 COVER ASS'Y SUCTION 6-13 13 2 SCREW TAPTITE MOX 1.0 12MM TORX 6-14 14 1 NAMEPLATE, SERIAL 1-15 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6-15 16 1 ELECTRIC CORD GRIP ¾" NPT 6-17 17 1 ELECTRIC PIPENUT ¾" 6-17 18 1 VALVE CARTRIDGE CHECK 6-18 19 1 VALVE LOAD DELAY 6-19 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-19 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-19 21 1 WASAHER ¾" INT. TOOTH LOCK 6-19 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-19 23 1 COMPRESSION TUBE NUT 6-19 24 4 BOLT M6 x 1.0 33MM SOC HD 6-19 25 4 WASHER ¼" LOCK HI-COLLAR 6-19 26 4 BOLT #12-24 x .50 HEX WSHRHD	9	1	RELIEF VALVE CAP ASSEMBLY	6-1089
12 1 COVER ASS'Y SUCTION 6-13 13 2 SCREW TAPTITE M6x1.0 12MM TORX 6-14 14 1 NAMEPLATE, SERIAL 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6-2 16 1 ELECTRIC CORD GRIP ¾" NPT 6-2 17 1 ELECTRIC PIPENUT ¾" 6-2 18 1 VALVE CARTRIDGE CHECK 6-2 19 1 VALVE LOAD DELAY 6-2 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 21 1 WASAHER ¾" INT. TOOTH LOCK 6-2 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-2 23 1 COMPRESSION TUBE NUT 6-2 24 4 BOLT M6 x 1.0 35MM SOC HD 6-2 25 4 WASHER ¼" LOCK HI-COLLAR 6-2 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-2 27 1 O-RING 2-348 BUNA 6-2	10	1	PLUMBING CLAMP HOSE ADJ INLET	6-2166
13 2 SCREW TAPTITE M6x1.0 12MM TORX 6- 14 1 NAMEPLATE, SERIAL 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6- 16 1 ELECTRIC CORD GRIP ¾" NPT 6- 17 1 ELECTRIC PIPENUT ¾" 6- 18 1 VALVE CARTRIDGE CHECK 6- 19 1 VALVE LOAD DELAY 6- 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6- 21 1 WASAHER ¾" INT. TOOTH LOCK 6- 22 1 BRACKET HANDLE ASS'Y REL BLACK 6- 23 1 COMPRESSION TUBE NUT 6- 24 4 BOLT M6 x 1.0 35MM SOC HD 6- 25 4 WASHER ¼" LOCK HI-COLLAR 6- 26 4 BOLT #12-24 x .50 HEX WSHRHD 6- 27 1 O-RING 2-348 BUNA 6- 28 1 COVER ASSY SUCTION 6- 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6- 30	11	2	ELECTRIC STAKON NUT	6-2302
14 1 NAMEPLATE, SERIAL 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6-2 16 1 ELECTRIC CORD GRIP ¾" NPT 6-2 17 1 ELECTRIC PIPENUT ¾" 6-2 18 1 VALVE CARTRIDGE CHECK 6-2 19 1 VALVE LOAD DELAY 6-2 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 21 1 WASAHER ¾" INT. TOOTH LOCK 6-2 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-2 23 1 COMPRESSION TUBE NUT 6-2 24 4 BOLT M6 x 1.0 35MM SOC HD 6-2 25 4 WASHER ¼" LOCK HI-COLLAR 6-2 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-2 27 1 O-RING 2-348 BUNA 6-2 28 1 COVER ASSY SUCTION 6-2 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6-3 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-3	12	1	COVER ASS'Y SUCTION	6-2165
14 1 NAMEPLATE, SERIAL 15 1 ENDHEAD UNIVERSAL AUTOHOIST 6-2 16 1 ELECTRIC CORD GRIP ¾" NPT 6-2 17 1 ELECTRIC PIPENUT ¾" 6-2 18 1 VALVE CARTRIDGE CHECK 6-2 19 1 VALVE LOAD DELAY 6-2 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 21 1 WASAHER ¾" INT. TOOTH LOCK 6-2 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-2 23 1 COMPRESSION TUBE NUT 6-2 24 4 BOLT M6 x 1.0 35MM SOC HD 6-2 25 4 WASHER ¼" LOCK HI-COLLAR 6-2 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-2 27 1 O-RING 2-348 BUNA 6-2 28 1 COVER ASSY SUCTION 6-2 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6-3 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-3	13	2	SCREW TAPTITE M6x1.0 12MM TORX	6-2164
16 1 ELECTRIC CORD GRIP ¾" NPT 6-17 17 1 ELECTRIC PIPENUT ¾" 6-18 18 1 VALVE CARTRIDGE CHECK 6-19 19 1 VALVE LOAD DELAY 6-19 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-19 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-19 21 1 WASAHER ¾" INT. TOOTH LOCK 6-19 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-20 23 1 COMPRESSION TUBE NUT 6-20 24 4 BOLT M6 x 1.0 35MM SOC HD 6-20 25 4 WASHER ¼" LOCK HI-COLLAR 6-20 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-20 27 1 O-RING 2-348 BUNA 6-20 28 1 COVER ASSY SUCTION 6-20 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6-20 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-20 31 1 SPRING 0.480" x 0.063" x 0.	14	1	NAMEPLATE, SERIAL	
17 1 ELECTRIC PIPENUT ¾" 6-1 18 1 VALVE CARTRIDGE CHECK 6-1 19 1 VALVE LOAD DELAY 6-2 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 21 1 WASAHER ¾" INT. TOOTH LOCK 6-2 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-2 23 1 COMPRESSION TUBE NUT 6-2 24 4 BOLT M6 x 1.0 35MM SOC HD 6-2 25 4 WASHER ¼" LOCK HI-COLLAR 6-2 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-2 27 1 O-RING 2-348 BUNA 6-6 28 1 COVER ASSY SUCTION 6-2 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6-2 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-2 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6-2 32 1 PLUMBING PLUG 5/16" SAE 6-2 33 1 CABLE TIE 8" LONG WHITE	15	1	ENDHEAD UNIVERSAL AUTOHOIST	6-2155
18 1 VALVE CARTRIDGE CHECK 6- 19 1 VALVE LOAD DELAY 6- 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6- 21 1 WASAHER ¾" INT. TOOTH LOCK 6- 22 1 BRACKET HANDLE ASS'Y REL BLACK 6- 23 1 COMPRESSION TUBE NUT 6- 24 4 BOLT M6 x 1.0 35MM SOC HD 6- 25 4 WASHER ½" LOCK HI-COLLAR 6- 26 4 BOLT #12-24 x .50 HEX WSHRHD 6- 27 1 O-RING 2-348 BUNA 6- 28 1 COVER ASSY SUCTION 6- 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6- 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6- 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6- 32 1 PLUMBING PLUG 5/16" SAE 6- 33 1 CABLE TIE 8" LONG WHITE 6- 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6- <td>16</td> <td>1</td> <td>ELECTRIC CORD GRIP 3/4" NPT</td> <td>6-2303</td>	16	1	ELECTRIC CORD GRIP 3/4" NPT	6-2303
18 1 VALVE CARTRIDGE CHECK 6- 19 1 VALVE LOAD DELAY 6- 20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6- 21 1 WASAHER ¾" INT. TOOTH LOCK 6- 22 1 BRACKET HANDLE ASS'Y REL BLACK 6- 23 1 COMPRESSION TUBE NUT 6- 24 4 BOLT M6 x 1.0 35MM SOC HD 6- 25 4 WASHER ½" LOCK HI-COLLAR 6- 26 4 BOLT #12-24 x .50 HEX WSHRHD 6- 27 1 O-RING 2-348 BUNA 6- 28 1 COVER ASSY SUCTION 6- 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6- 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6- 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6- 32 1 PLUMBING PLUG 5/16" SAE 6- 33 1 CABLE TIE 8" LONG WHITE 6- 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6- <td>17</td> <td>1</td> <td>ELECTRIC PIPENUT ¾"</td> <td>6-2304</td>	17	1	ELECTRIC PIPENUT ¾"	6-2304
20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 21 1 WASAHER ¾" INT. TOOTH LOCK 6-2 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-2 23 1 COMPRESSION TUBE NUT 6-2 24 4 BOLT M6 x 1.0 35MM SOC HD 6-2 25 4 WASHER ¼" LOCK HI-COLLAR 6-2 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-2 27 1 O-RING 2-348 BUNA 6-6 28 1 COVER ASSY SUCTION 6-2 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6-2 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-2 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6-2 32 1 PLUMBING PLUG 5/16" SAE 6-2 33 1 CABLE TIE 8" LONG WHITE 6-2 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-2 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-2 36 1 RELIEF ASSEMBLY		1		6-1087
20 1 NUT ¾"-16 x 1"HEX x 0.250 STEEL 6-2 21 1 WASAHER ¾" INT. TOOTH LOCK 6-2 22 1 BRACKET HANDLE ASS'Y REL BLACK 6-2 23 1 COMPRESSION TUBE NUT 6-2 24 4 BOLT M6 x 1.0 35MM SOC HD 6-2 25 4 WASHER ¼" LOCK HI-COLLAR 6-2 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-2 27 1 O-RING 2-348 BUNA 6-6 28 1 COVER ASSY SUCTION 6-2 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6-2 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-2 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6-2 32 1 PLUMBING PLUG 5/16" SAE 6-2 33 1 CABLE TIE 8" LONG WHITE 6-2 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-2 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-2 36 1 RELIEF ASSEMBLY		1		6-2305
22 1 BRACKET HANDLE ASS'Y REL BLACK 6- 23 1 COMPRESSION TUBE NUT 6- 24 4 BOLT M6 x 1.0 35MM SOC HD 6- 25 4 WASHER ¼" LOCK HI-COLLAR 6- 26 4 BOLT #12-24 x .50 HEX WSHRHD 6- 27 1 O-RING 2-348 BUNA 6- 28 1 COVER ASSY SUCTION 6- 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6- 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6- 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6- 32 1 PLUMBING PLUG 5/16" SAE 6- 33 1 CABLE TIE 8" LONG WHITE 6- 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6- 35 1 VALVE CARTRIDGE RELEASE MANUAL 6- 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6- 37 1 COMPRESSION TUBE SLEEVE 6- 38 1 RETURN HOSE 3/8" OD x 10.0"		1	NUT 3/4"-16 x 1"HEX x 0.250 STEEL	6-2167
22 1 BRACKET HANDLE ASS'Y REL BLACK 6- 23 1 COMPRESSION TUBE NUT 6- 24 4 BOLT M6 x 1.0 35MM SOC HD 6- 25 4 WASHER ¼" LOCK HI-COLLAR 6- 26 4 BOLT #12-24 x .50 HEX WSHRHD 6- 27 1 O-RING 2-348 BUNA 6- 28 1 COVER ASSY SUCTION 6- 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6- 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6- 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6- 32 1 PLUMBING PLUG 5/16" SAE 6- 33 1 CABLE TIE 8" LONG WHITE 6- 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6- 35 1 VALVE CARTRIDGE RELEASE MANUAL 6- 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6- 37 1 COMPRESSION TUBE SLEEVE 6- 38 1 RETURN HOSE 3/8" OD x 10.0"	21	1	WASAHER 3/4" INT. TOOTH LOCK	6-2168
24 4 BOLT M6 x 1.0 35MM SOC HD 6-2 25 4 WASHER ¼" LOCK HI-COLLAR 6-2 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-2 27 1 O-RING 2-348 BUNA 6-2 28 1 COVER ASSY SUCTION 6-2 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6-3 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-3 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6-3 32 1 PLUMBING PLUG 5/16" SAE 6-3 33 1 CABLE TIE 8" LONG WHITE 6-3 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-3 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-3 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6-3 37 1 COMPRESSION TUBE SLEEVE 6-3 38 1 RETURN HOSE 3/8" OD x 10.0" 6-3 39 1 PLUMBING PLUG 3/8"NPT 6-2		1	BRACKET HANDLE ASS'Y REL BLACK	6-0776
25 4 WASHER ¼" LOCK HI-COLLAR 6-2 26 4 BOLT #12-24 x .50 HEX WSHRHD 6-2 27 1 O-RING 2-348 BUNA 6-6 28 1 COVER ASSY SUCTION 6-2 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6-2 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-2 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6-2 32 1 PLUMBING PLUG 5/16" SAE 6-2 33 1 CABLE TIE 8" LONG WHITE 6-3 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-2 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-6 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6-3 37 1 COMPRESSION TUBE SLEEVE 6-3 38 1 RETURN HOSE 3/8" OD x 10.0" 6-3 39 1 PLUMBING PLUG 3/8"NPT 6-2	23	1	COMPRESSION TUBE NUT	6-2153
26 4 BOLT #12-24 x .50 HEX WSHRHD 6- 27 1 O-RING 2-348 BUNA 6- 28 1 COVER ASSY SUCTION 6- 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6- 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6- 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6- 32 1 PLUMBING PLUG 5/16" SAE 6- 33 1 CABLE TIE 8" LONG WHITE 6- 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6- 35 1 VALVE CARTRIDGE RELEASE MANUAL 6- 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6- 37 1 COMPRESSION TUBE SLEEVE 6- 38 1 RETURN HOSE 3/8" OD x 10.0" 6- 39 1 PLUMBING PLUG 3/8"NPT 6-	24	4	BOLT M6 x 1.0 35MM SOC HD	6-2169
26 4 BOLT #12-24 x .50 HEX WSHRHD 6- 27 1 O-RING 2-348 BUNA 6- 28 1 COVER ASSY SUCTION 6- 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6- 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6- 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6- 32 1 PLUMBING PLUG 5/16" SAE 6- 33 1 CABLE TIE 8" LONG WHITE 6- 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6- 35 1 VALVE CARTRIDGE RELEASE MANUAL 6- 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6- 37 1 COMPRESSION TUBE SLEEVE 6- 38 1 RETURN HOSE 3/8" OD x 10.0" 6- 39 1 PLUMBING PLUG 3/8"NPT 6-	25	4	WASHER ¼" LOCK HI-COLLAR	6-2170
28 1 COVER ASSY SUCTION 6-2 29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6-2 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-2 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6-2 32 1 PLUMBING PLUG 5/16" SAE 6-2 33 1 CABLE TIE 8" LONG WHITE 6-2 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-2 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-3 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6-3 37 1 COMPRESSION TUBE SLEEVE 6-3 38 1 RETURN HOSE 3/8" OD x 10.0" 6-3 39 1 PLUMBING PLUG 3/8"NPT 6-3		4	BOLT #12-24 x .50 HEX WSHRHD	6-1091
29 1 PUMP ASS'Y 0.8 SHORT SPLINE 6-2 30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-2 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6-2 32 1 PLUMBING PLUG 5/16" SAE 6-2 33 1 CABLE TIE 8" LONG WHITE 6-3 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-2 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-3 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6-3 37 1 COMPRESSION TUBE SLEEVE 6-3 38 1 RETURN HOSE 3/8" OD x 10.0" 6-3 39 1 PLUMBING PLUG 3/8"NPT 6-3	27	1	O-RING 2-348 BUNA	6-0875
30 1 TANK PLASTIC 6.7 CT 11.0" BLACK 6-3 31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6-3 32 1 PLUMBING PLUG 5/16" SAE 6-3 33 1 CABLE TIE 8" LONG WHITE 6-3 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-3 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-4 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6-3 37 1 COMPRESSION TUBE SLEEVE 6-3 38 1 RETURN HOSE 3/8" OD x 10.0" 6-3 39 1 PLUMBING PLUG 3/8"NPT 6-2	28	1	COVER ASSY SUCTION	6-2165
31 1 SPRING 0.480" x 0.063" x 0.42" COMP 6-2 32 1 PLUMBING PLUG 5/16" SAE 6-2 33 1 CABLE TIE 8" LONG WHITE 6-2 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-2 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-2 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6-3 37 1 COMPRESSION TUBE SLEEVE 6-2 38 1 RETURN HOSE 3/8" OD x 10.0" 6-2 39 1 PLUMBING PLUG 3/8"NPT 6-2	29	1	PUMP ASS'Y 0.8 SHORT SPLINE	6-2306
32 1 PLUMBING PLUG 5/16" SAE 6-2 33 1 CABLE TIE 8" LONG WHITE 6-2 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-2 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-2 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6-2 37 1 COMPRESSION TUBE SLEEVE 6-2 38 1 RETURN HOSE 3/8" OD x 10.0" 6-2 39 1 PLUMBING PLUG 3/8"NPT 6-2	30	1	TANK PLASTIC 6.7 CT 11.0" BLACK	6-2307
33 1 CABLE TIE 8" LONG WHITE 6-1 34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-2 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-1 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6-1 37 1 COMPRESSION TUBE SLEEVE 6-2 38 1 RETURN HOSE 3/8" OD x 10.0" 6-2 39 1 PLUMBING PLUG 3/8"NPT 6-2	31	1	SPRING 0.480" x 0.063" x 0.42" COMP	6-2151
34 1 PLUMBING ASS'Y INLET 6.61 (3) 6-2 35 1 VALVE CARTRIDGE RELEASE MANUAL 6-1 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6-1 37 1 COMPRESSION TUBE SLEEVE 6-2 38 1 RETURN HOSE 3/8" OD x 10.0" 6-2 39 1 PLUMBING PLUG 3/8"NPT 6-2	32	1	PLUMBING PLUG 5/16" SAE	6-2157
35 1 VALVE CARTRIDGE RELEASE MANUAL 6-0 36 1 RELIEF ASSEMBLY FIXED 260 BAR 6-0 37 1 COMPRESSION TUBE SLEEVE 6-0 38 1 RETURN HOSE 3/8" OD x 10.0" 6-0 39 1 PLUMBING PLUG 3/8"NPT 6-0	33	1	CABLE TIE 8" LONG WHITE	6-1846
36 1 RELIEF ASSEMBLY FIXED 260 BAR 6- 37 1 COMPRESSION TUBE SLEEVE 6- 38 1 RETURN HOSE 3/8" OD x 10.0" 6- 39 1 PLUMBING PLUG 3/8"NPT 6-	34	1	PLUMBING ASS'Y INLET 6.61 (3)	6-2308
36 1 RELIEF ASSEMBLY FIXED 260 BAR 6- 37 1 COMPRESSION TUBE SLEEVE 6- 38 1 RETURN HOSE 3/8" OD x 10.0" 6- 39 1 PLUMBING PLUG 3/8"NPT 6-	35	1	VALVE CARTRIDGE RELEASE MANUAL	6-0880
37 1 COMPRESSION TUBE SLEEVE 6-2 38 1 RETURN HOSE 3/8" OD x 10.0" 6-2 39 1 PLUMBING PLUG 3/8"NPT 6-2		1		6-1326
38 1 RETURN HOSE 3/8" OD x 10.0" 6-2 39 1 PLUMBING PLUG 3/8"NPT 6-2				6-2154
39 1 PLUMBING PLUG 3/8"NPT 6-2		1		6-2310
				6-2161
40	40	2	ELECTRIC REDUCER WASHER	6-2311
				6-2156
		1		6-2136
				6-1376

10.9 AIR POWER UNIT TOW CART



10.10 AIR POWER UNIT TOW CART - PARTS LIST

ITEM NO.	QTY.	DESCRIPTION	PART NO.
1	2	1 /2" PUSHNUT	6-1833
3	1	"T" HANDLE (INCLUDING GRIPS AND HARDWARE)	3-0408-01
4	1	BRACKET	1-0853
5	1	DECAL "OPERATING INSTRUCTIONS"	6-2469
6	1	AIR HYDRAULIC PUMP "AC-10TC UTILIZING VA-4S VANE AIR MOTOR"	6-0919
7	2	GRIP HANDLE	6-0758
8	1	HYDRAULIC HOSE – 12FT.	2-0602
10	1	STAND (INCLUDING WHEELS AND HUB CAP NUTS)	4-0207-01
11	2	WHEEL	6-0753
12	1	MOTOR MOUNT BRACKET	2-0739
13	1	BALL VALVE	6-0940
14	1	3/8" STEEL NIPPLE	6-0953
15	1	REDUCER 3/4" M PIPE/ 3/8" F PIPE	6-0285
16	1	EXHAUST MUFFLER	6-0958
17	4	LOCKWASHER 5/16" I.D.	6-0674
18	4	HEX BOLT 5/16"-18UNC X 3/4" LG.	6-0423
19	4	FLAT WASHER 5/16" I.D.	6-0295
20	2	HEX. NUT 5/16"-18UNC	6-0294
21	1	HEX BOLT 1/4"-20UNC X 3/4" LG.	6-0178
22	1	LOCKWASHER 1/4" I.D.	6-0056
23	1	FLAT HD. SCREW - 3/8" - 16 x 1/2" LG.	6-0955
*	1	COMPLETE TOWCART W/ AIR POWER UNIT	4-0958