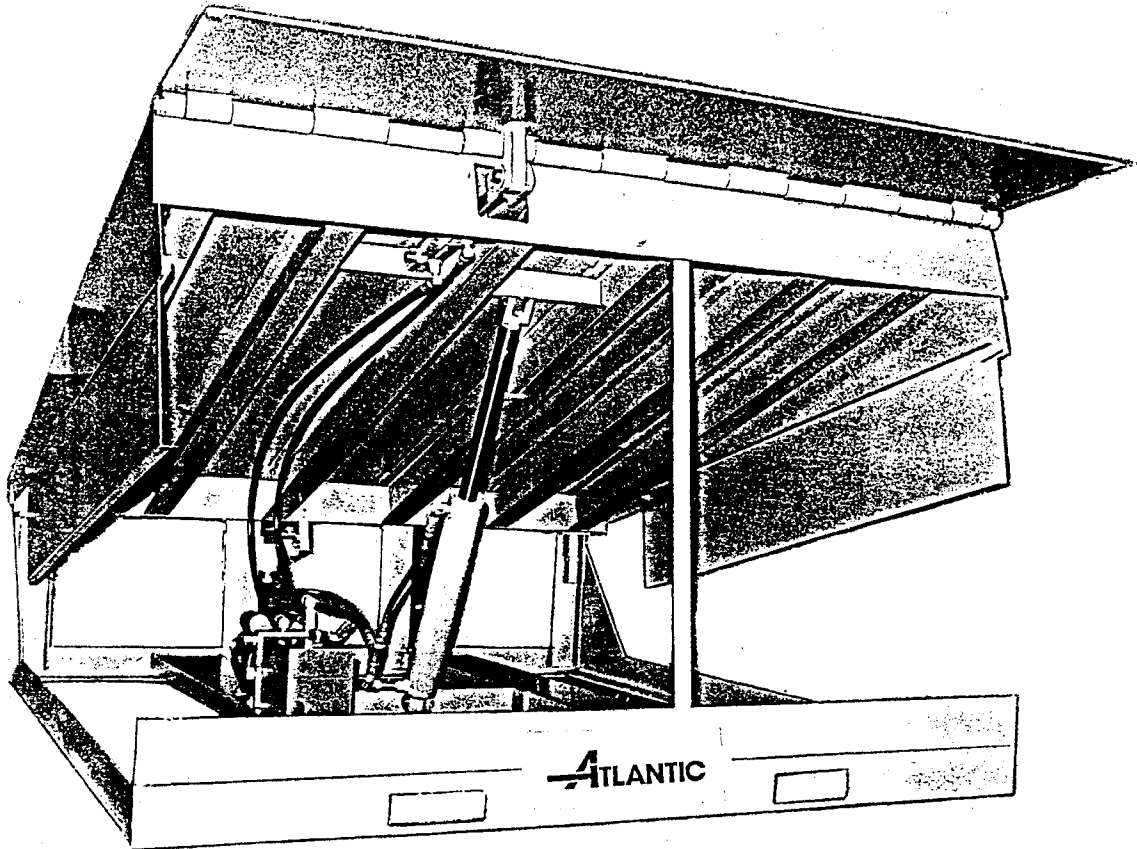


OWNERS MANUAL



HYDRAULIC DOCK LEVELER

EXCEEDS: *American National Standard Institute ANSI MH-14.1-84;
U.S. Dept. of Commerce Standard CS-202-56; and OSHA
standard requirements for dockboards.*

Atlantic Mfg. Corp.
Box 202A,
Athens, New York 12015

(518) 943-5522
(518) 828-3030

ATLANTIC
DESIGN & ENGINEERING

CONGRATULATIONS on your selection of the **ATLANTIC HYDRAULIC DOCK LEVELER**. The leveler combines superior structural engineering and operational technology to provide you with an efficient operation and an extra-sturdy bridge between dock and freight carrier. This product is designed to give you outstanding service with a minimal amount of maintenance.

Quality of design and manufacture is a prime consideration at Atlantic Mfg. Corp., however, even a skillfully constructed product can be installed or operated in a hazardous manner. Safety precautions are of great importance and must be observed by all those who install, service and use this equipment. On-site maintenance personnel should follow the service instructions provided. If preferred, you can easily arrange for professional service thru your authorized Atlantic representative. **NOTE:** The factory must be advised of any situation which might include warranty coverage prior to addressing such a situation.

TABLE OF CONTENTS

	Page
CAUTION:..... Read before proceeding.....	1
Component Identification.....	2
Component Specifications.....	3
Pit Diagram.....	4
Shim Diagram.....	5
Installation Instructions.....	6-7
Wiring Diagrams.....	8-13
Operating Instructions.....	14-15
Trouble-Shooting.....	16-17
Adjustments.....	18-19
Preventive Maintenance.....	20

CAUTION!

BEFORE attempting to install, operate or service leveler, read the manual provided. Thoroughly understand the operation of all components. **DO NOT ALLOW PERSONS UNFAMILIAR WITH THIS EQUIPMENT TO INSTALL, OPERATE OR SERVICE SAME.** Be sure all persons are properly indoctrinated with information necessary to fully understand these products. Contact your authorized Atlantic representative or factory whenever problems arise or information provided is not fully understood.

SAFETY FIRST: Negligent work habits at the loading dock can result in personal injury and/or damage to equipment and freight. Always follow dock safety regulations. This should include the wearing of protective clothing, gloves, eyewear, foot gear and hard hat as conditions warrant.

CAUTION: **DO NOT** operate equipment while anyone is directly in front of the dock leveler.

CAUTION: **BEFORE** loading or unloading begins be certain truck wheels are chocked. Wheel chocks should be removed **ONLY** when clearance is provided by dock supervisor.

CAUTION: **ALWAYS** be sure dock leveler is stored at dock level after loading or unloading. Be sure operating instructions are followed.

CAUTION: Be sure leveler is secure before proceeding with any maintenance tasks. **ALWAYS** use the built-in service strut provided.

CAUTION: **NEVER** stand on or near or touch any part of the dock leveler while a load is being placed on it. **NEVER** place hands, arms, feet or legs in a position where a moving load could cause injury. **NEVER** allow yourself or your clothing to be exposed to a situation that can cause personal harm.

NOTICE: Periodically inspect your dock leveler to insure there is no damaged or worn part which could result in equipment breakdown or personal injury. Consult specifications for correct hydraulic fluid type and system capacity. Follow maintenance recommendations for essential service information.

BEFORE attempting to correct any malfunction which is not understood, consult with Atlantic Mfg. Corp..

WARNING: Abuse or negligent use of this product can result in personal injury and/or structural damage to the equipment.

The proper operation and use of this product is essential to assure safety at the loading dock. **ATLANTIC MFG. CORP.** shall not, in any event, be liable for any injuries or damages of any kind, nor loss of the use of any equipment, as a result of improper installation, misuse, abuse or improper operation of this product.

Component Identification

1. **HINGED LIP:** Has complete powered control. Raises, holds, and retracts hydraulically. The lip is positioned automatically by the hydraulic lip cylinder.

2. **BELOW DOCK LIP CONTROL:** Cylinder actuated, electrical control provides accurate below dock end load lip position on demand

3. **LIP CYLINDER:** Raises, holds extended and lowers leveler lip. Also operates below dock lip control.

4. **AUTOMATIC STORAGE CONTROL:** Returns ramp and lip to cross traffic position when serviced truck departs dock area.

5. **HYDRAULIC PUMP UNIT:** Provides all functions of ramp and lip with full hydraulic operation.

6. **AUTOMATIC EMERGENCY STOP:** Protects ramp from sudden stop. Automatically locks loaded ramp in position if lip suddenly loses support of truck.

7. **FORK LIFT SLOTS:** For in-transit, at-site and installation movement.

8. **SELF-CLEANING LIP HINGE:** Continuous barrel-type hinge connects lip to ramp section of leveler.

9. **RAMP:** Welded, bridge-type construction with structural I-beam supports. DEck plate is high yield safety tread steel plate. Offers firm bridge between dock and truck.

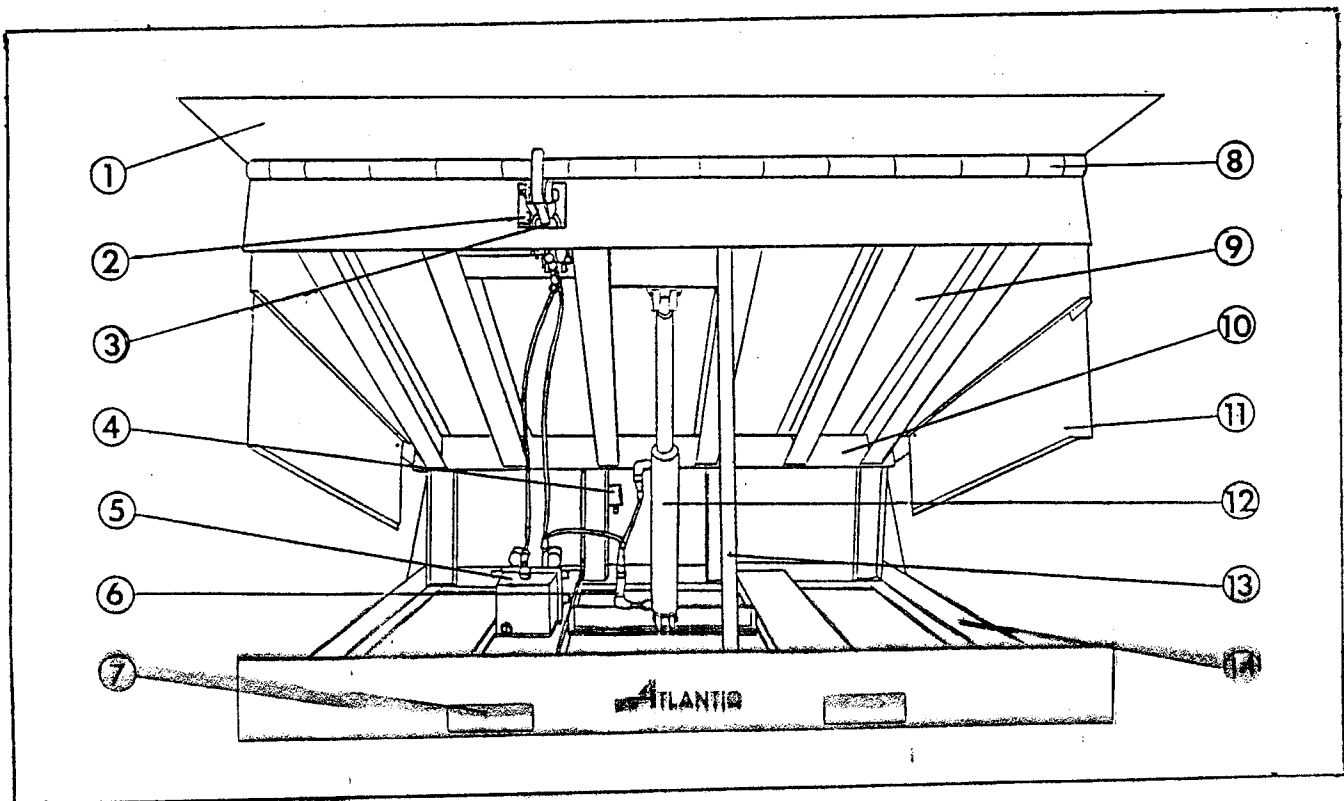
10. **REAR HINGE:** Shelf-mounted solid steel shaft designed to provide full width support. Allows ramp to cant with out-of-level truck beds.

11. **FULL-RANGE TOE GUARDS:** Provide side protection thru-out operating cycle.

12. **MAIN CYLINDER:** Raises ramp section. Mounted to base frame and ramp.

13. **SERVICE STRUT:** Integral component to support leveler ramp in elevated position when under ramp inspection is needed.

14. **BASE FRAME:** Structural steel weldment with gusseted rear uprights and hinge shelf. Offers firm support to ramp, main cylinder, pump unit and stored lip.



HYDRAULIC PUMP UNIT: A totally enclosed unit consisting of a 1hp, TENV, No. 56 frame, electric motor operated by single or three phase current; manifold block; submersed gear pump and reservoir.

ELECTRICAL MOTOR SPECIFICATIONS

Motor Voltage (AC)	RPM	HZ	Phase	Amperage Draw	Amperage Required
*115	3450	60	1	15.0	20
230	3450	60	1	7.5	15
208-220-240	3450	60	3	4.0	10
440-440-480	3450	60	3	2.0	10
380	2850	50	3	2.0	10

*When working with 115V/1/60 current, adequate wire size must be used to provide full current at Control Cabinet. Motor is 1hp, draws 15 amps running, slightly higher at start.

HYDRAULIC FLUID CONTENT: Automatic Transmission Fluid, Type F
Aircraft Hydraulic Fluid, Type BB (Sub-zero Climates)

REPLACEMENT FLUID: Automatic Transmission Fluid, Type F
Automatic Transmission Fluid, Type A
Aircraft Hydraulic Fluid, Type BB (Sub-zero Climates)

FLUID CAPACITY TABLE

Leveler Capacity	System Capacity	Tank Capacity	Tank Full Line (Deck Up)
20K thru 35K	5-1/2 Qts.	4 Qts.	1-1/2" Below Top
40K thru 60K	6-1/2 Qts.	4 Qts.	2-1/2" Below Top
65K or Greater	13 Qts.	8 Qts.	2-1/2" Below Top

CYLINDERS: Heavy-duty, double-acting design. Movement provides control of ramp and lip operations. Regenerative hydraulics maintain constant lubrication of all internal surfaces to assure longer life.

CONTROL STATION: Steel enclosure with gasketed door housing, thermally protected starter, transformer and two push button controls.

The **OPERATE** button energizes the motor starter which runs the motor pump unit.

The **SELECTOR** button in "NORMAL" mode controls standard cycling of the leveler. "LOW END LOAD" mode provides automatic positioning of the leveler for end load and extremely low loading operations.

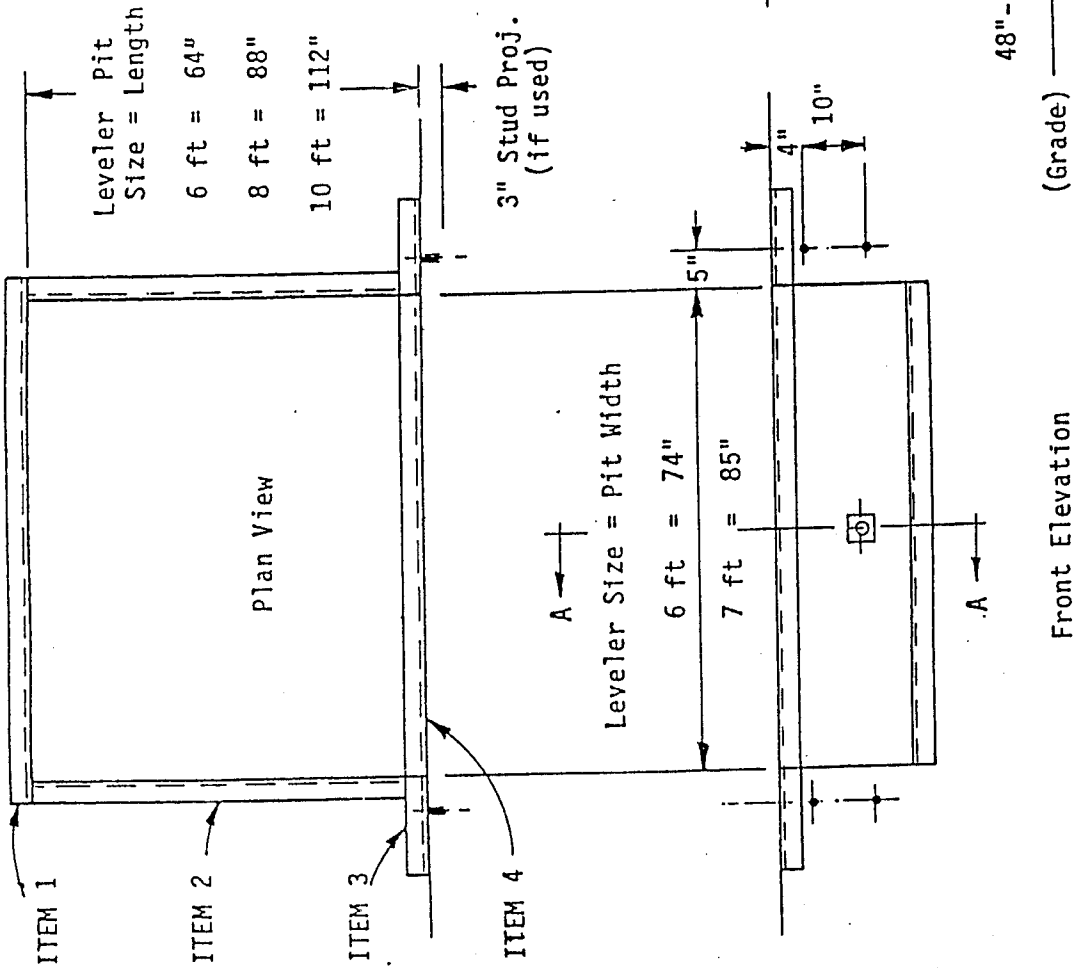
BILL OF MATERIAL - CURB STEEL*

NOMINAL LEVELER SIZE

ITEM	QTY	6X6	6X8	6X10	7X6	7X8	7X10
1	1	80	80	80	91	91	91
2	2	61	85	109	61	85	109
3	2	18	18	18	18	18	18
4	1	74	74	74	85	85	85

Dimensions common to all capacities

- *Rec. Mfn. Angle Iron Size 1/4" X 3" X 3"
- ▲Rec. Min. Lgth. Connect to door jamb or pit to pit if possible



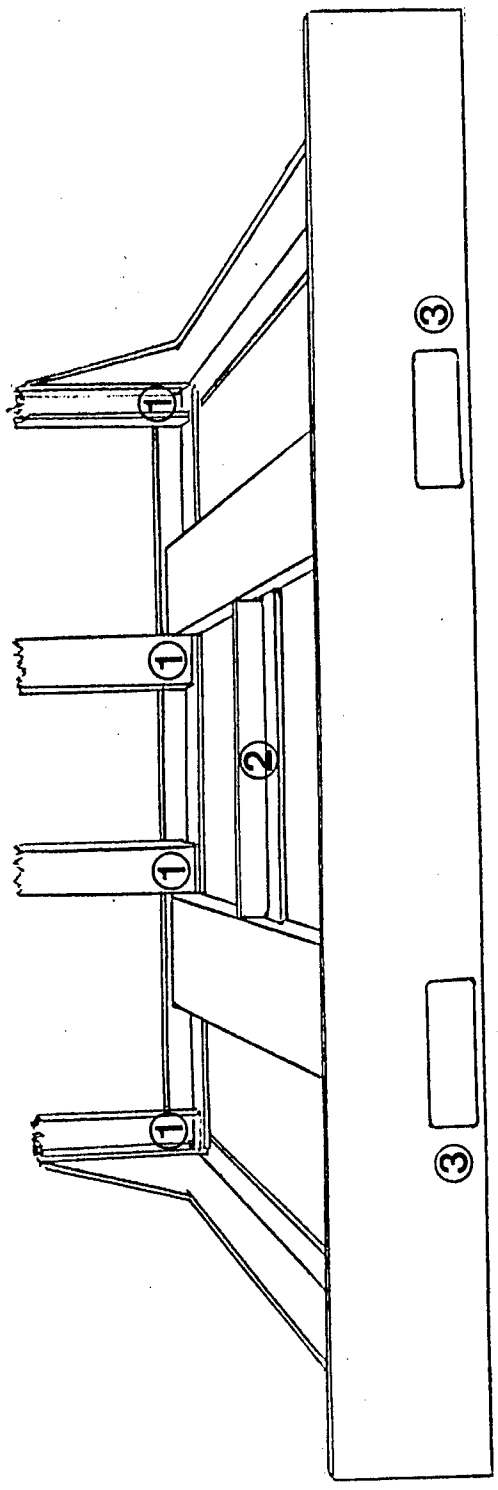
Section A-A

		DOCK LEVELER	
		PIT DETAIL	
DRAWN BY REP. II	DATE 1-3-86	CHECKED BY	SCALE NONE
TOLERANCES UNLESS SPECIFIED		DRAWING NUMBER	
MACHINED PARTS FABRICATED PARTS	± 1/4" ± 1/8"	3 DECIMAL PLACES ANGLES	± 0.005 ± 30'
			625-12A

Diagram below shows proper shim placement to provide correct weight transference to pit floor.

- SHIM PLACEMENT:
- (1) Shim under each Vertical Support of Rear Frame.
 - (2) Shim under Center Pivot Location.
 - (3) Shim directly under Cross Traffic Supports.

NOTE:
Shims to be steel, and welded in position to prohibit movement.



NOTE: Standard frame shown. For Heavy Duty and General Purpose frame construction follow same Shim Instructions.

ATLANTIC

MFG. CORP.
ATHENS,
NEW YORK

DRAWN BY REP II	DATE 1/6/86	CHECKED BY	SCALE None
TOLERANCES UNLESS SPECIFIED			
MACHINED PARTS	± 1/4"	3 DECIMAL PLACES	± 0.005
FABRICATED PARTS	± 1/32"	ANGLES	± 30'

DOCK LEVELER SHIM DIAGRAM

DRAWING
NUMBER

625-13

Installation Instructions

BEFORE attempting to install or operate leveler, read the manual provided and thoroughly understand operation of all components. **DO NOT** allow persons unfamiliar with this equipment to install or operate. Contact your authorized Atlantic representative or factory whenever problems arise or information provided is not fully understood.

BE SURE to follow the **CAUTION** reminders on Page 1 of this manual when installing your Atlantic Leveler.

CAUTION: Prior to welding on any leveler's component, be sure ground lead to welder is attached to component to be welded and leveler electrical service is disconnected. Failure to provide proper welder grounding may result in electrical component burn-out.

1. Check dock leveler for possible transit damage.
2. Check pit for verification of all dimensions. Check corner to corner dimensions to see if pit is square. (Uneven dimension indicates pit is out of square) Leveler should be adjusted in pit to best suit pit conditions.

NOTE: **DO NOT** work around leveler while it is suspended by lift equipment. Leveler should be resting firmly on pit floor and lift equipment should be removed.

3. Control Cabinet should be located where operator will have a good view of the Dock Leveler. Leads should be pulled from cabinet thru conduit to Pit Junction Box. (Refer to Wiring Diagram) The factory has provided leads with extra length to allow wire hook-up prior to placing leveler against pit wall, for normal installation.
4. Prepare dock leveler for installation by moving with fork truck (using slots built into the front base frame). Position unit within pit - about 18" from rear pit wall.
5. Connect motor leads to line source at Junction Box. Motor rotation must be checked with all three phase installations. Push **OPERATE** button to run motor. If leveler does not begin to rise after several 10 second activations of motor, reverse any two motor leads to change direction of motor rotation. Test again for pump action. **DO NOT** run leveler thru full cycle until installation is complete. Verify motor operations **ONLY**. Connect switch wiring per diagram.

6. Position leveler against rear pit wall. Adjust side to side location to provide equal clearance between sides of leveler and pit. Proper dimensions allow 1" side clearance. Rear frame should be tight to rear curb angle. (Rear frame extension angle may be trimmed to allow tight fit if pit is not square or properly sized).
7. Operate leveler to raise ramp and extend lip. (See Operating Instructions) Position Service Strut to support leveler ramp in "UP" position. Release "OPERATE" button to allow ramp to rest on Service Strut. Ramp may be manually lifted if power is not available: Preferred method is to use chain with hooks engaged into hinge spool end sockets, raise slowly with fork lift or other power equipment until service strut can be placed into support position.
8. Place shims under frame: (Shims to be provided by Installer)
 - Shim beneath each vertical support of rear frame.
 - Shim under main cylinder pivot location.
 - Shim directly under lip support lugs.
 Frame should be level with any unevenness of rear curb angle, divided equally across width of leveler frame. Center area should be flush. Corners may be slightly above or below curb line. Welding should bridge any difference of level at frame to curb joint. **NOTE:** Shims to be steel, and welded in position to prohibit movement.
 - Weld rear shims to dock leveler base frame.
 - Weld front shims to front curb angle and base frame.
 - Weld upper rear frame member to rear pit curb angle: 4" -12" Pattern, min.
9. Make sure electrical connections are permanent at Junction Box; and close box.
10. Operate level to store Service Strut (See Operating Instructions) and allow leveler to automatically return to stored position. Complete several cycles of operation, per Operating Instructions. Check for consistent performance. Correct any noticeable deficiency in operation.

NOTE: All Atlantic Dock Levelers are pre-operated at the factory. No major problem should exist at installation, however, minor adjustments due to in-transit and handling vibrations and bumps might be needed. **Do NOT** undertake extensive adjustments of this product without **FIRST** contacting the Atlantic factory or your authorized Atlantic representative.

IMPORTANT: Check and make sure all hydraulic hoses and connections are secure and no leaks are evident.

The Atlantic Hydraulic Dock Leveler is now ready for operation. The new owner should be advised of the proper operation and care of this unit. Those individuals working with this unit should also be instructed in its proper use, and in safe work habits at the loading dock.

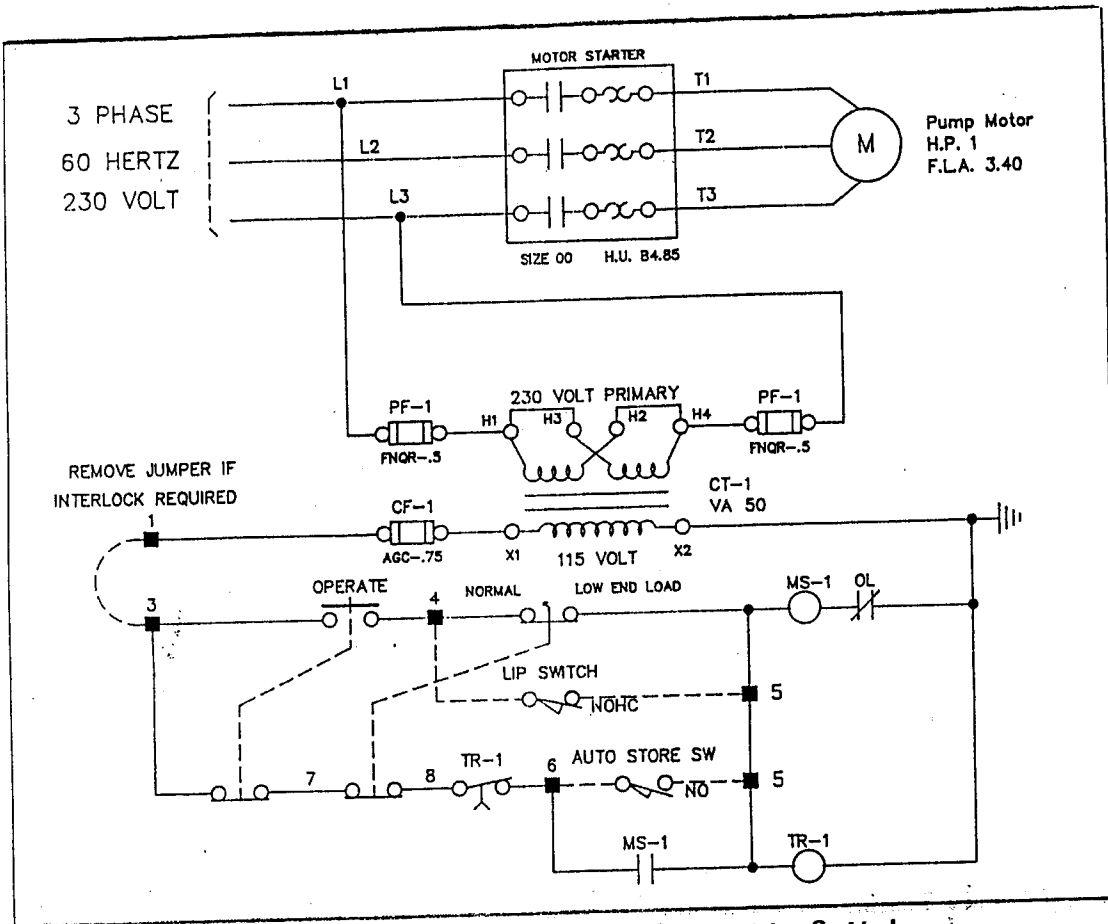


Figure 1(a) 230V/3Ph/60Hz with Automatic Switches

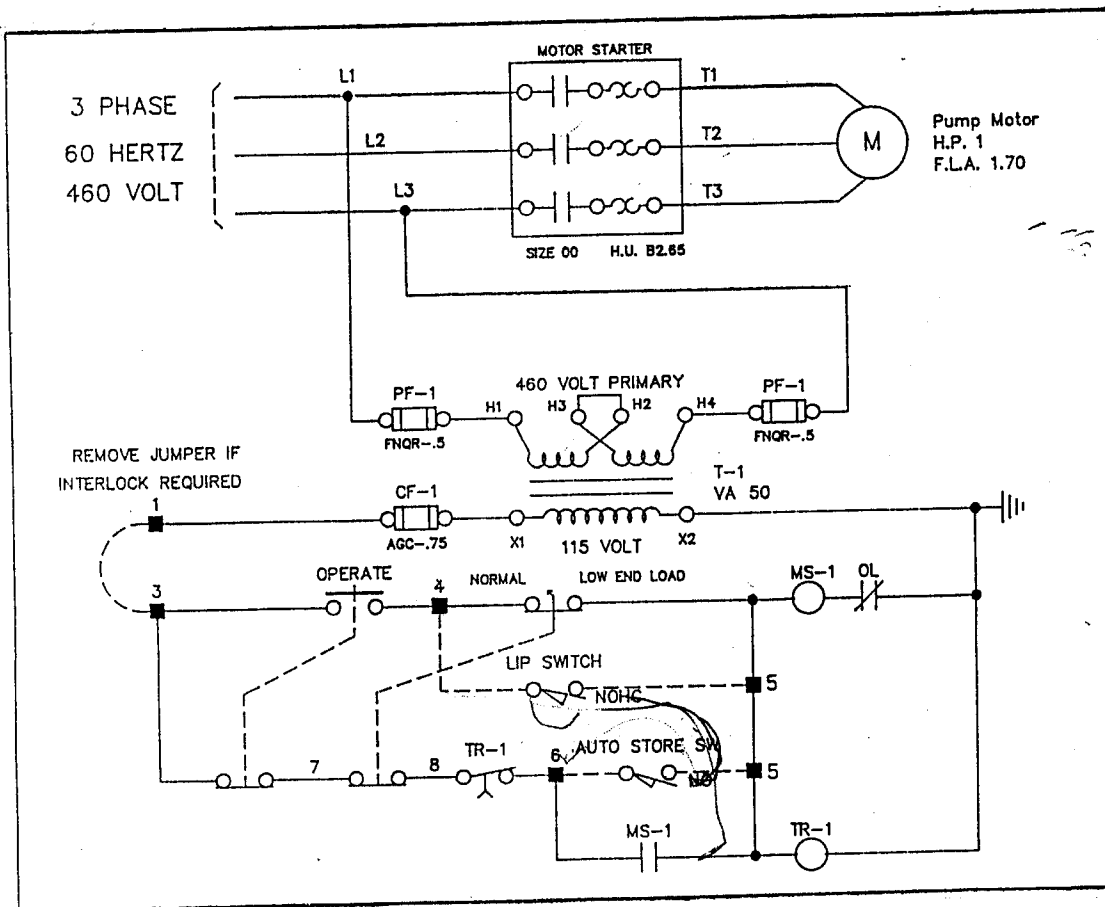


Figure 1(b) 460V/3Ph/60Hz with Automatic Switches

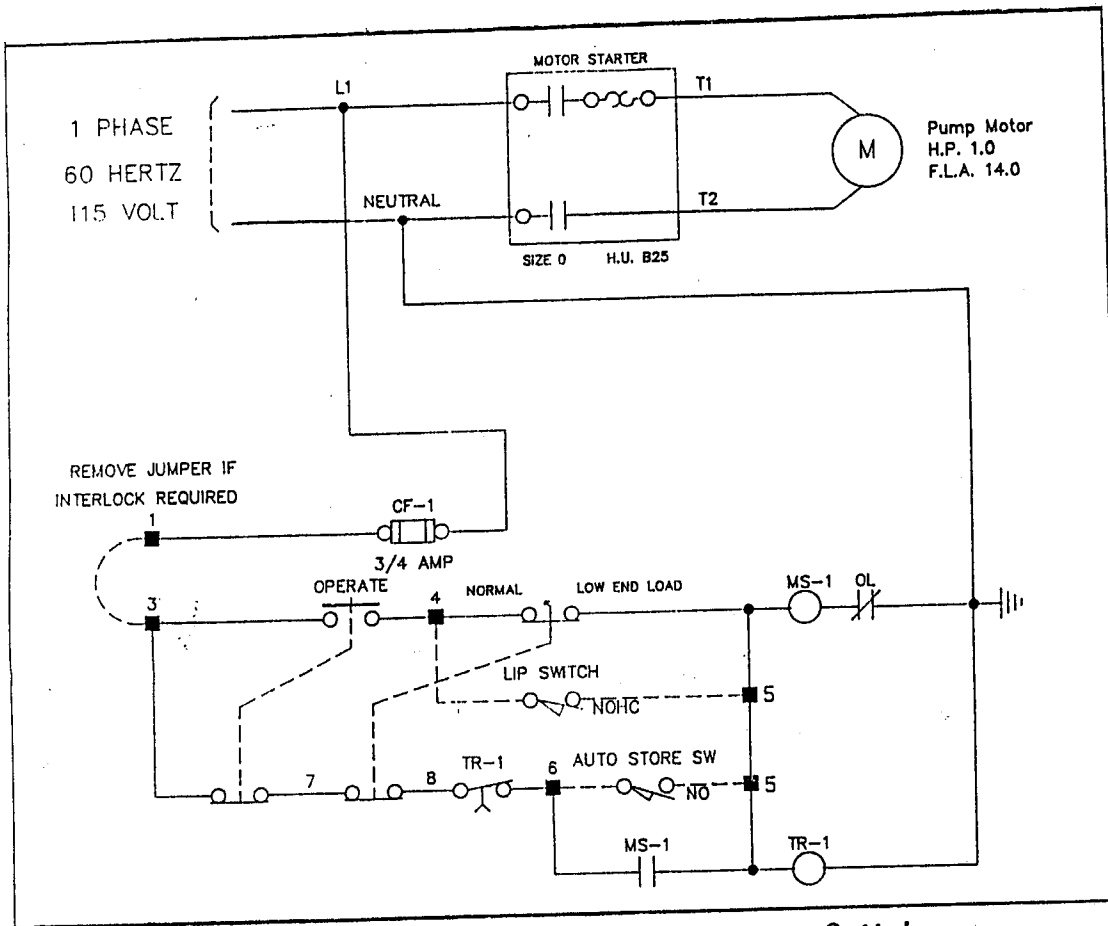


Figure 2(a) 115V/1Ph/60Hz with Automatic Switches

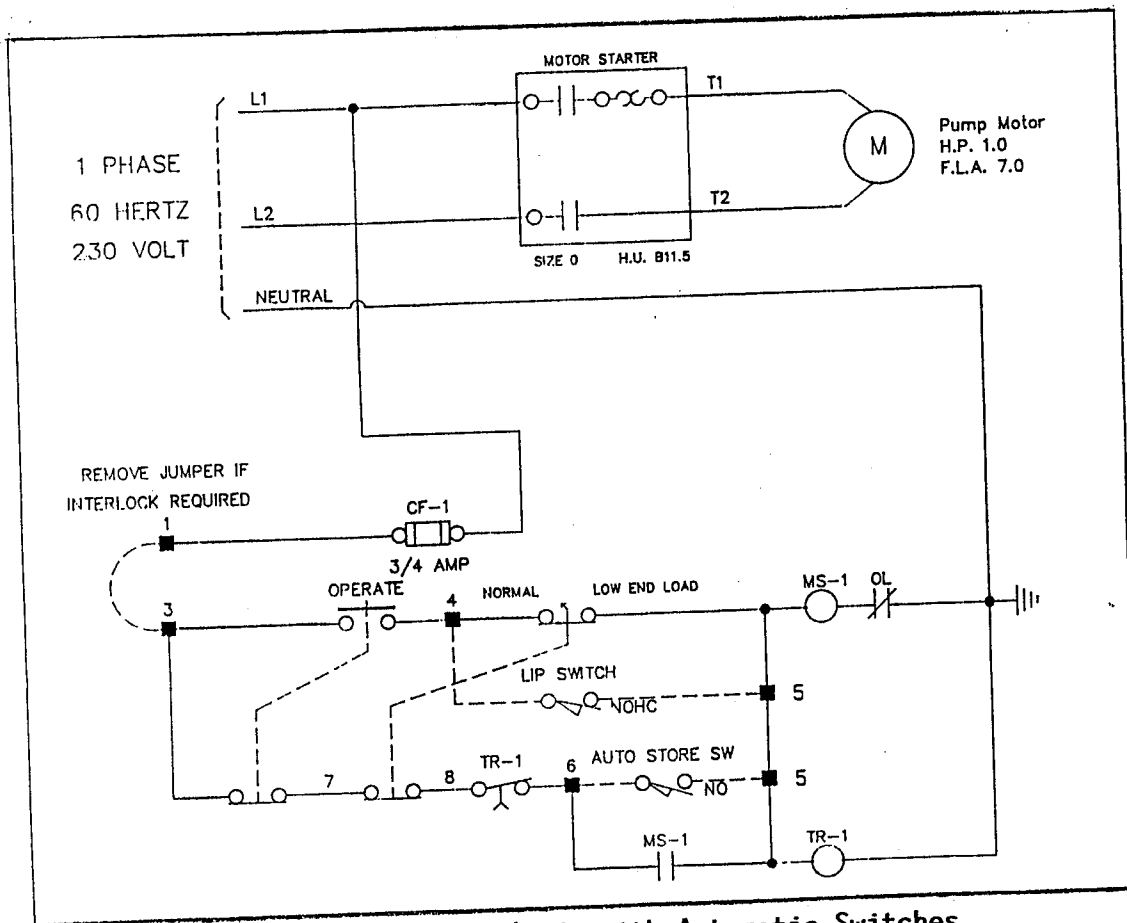


Figure 2(b) 230V/1Ph/60Hz with Automatic Switches

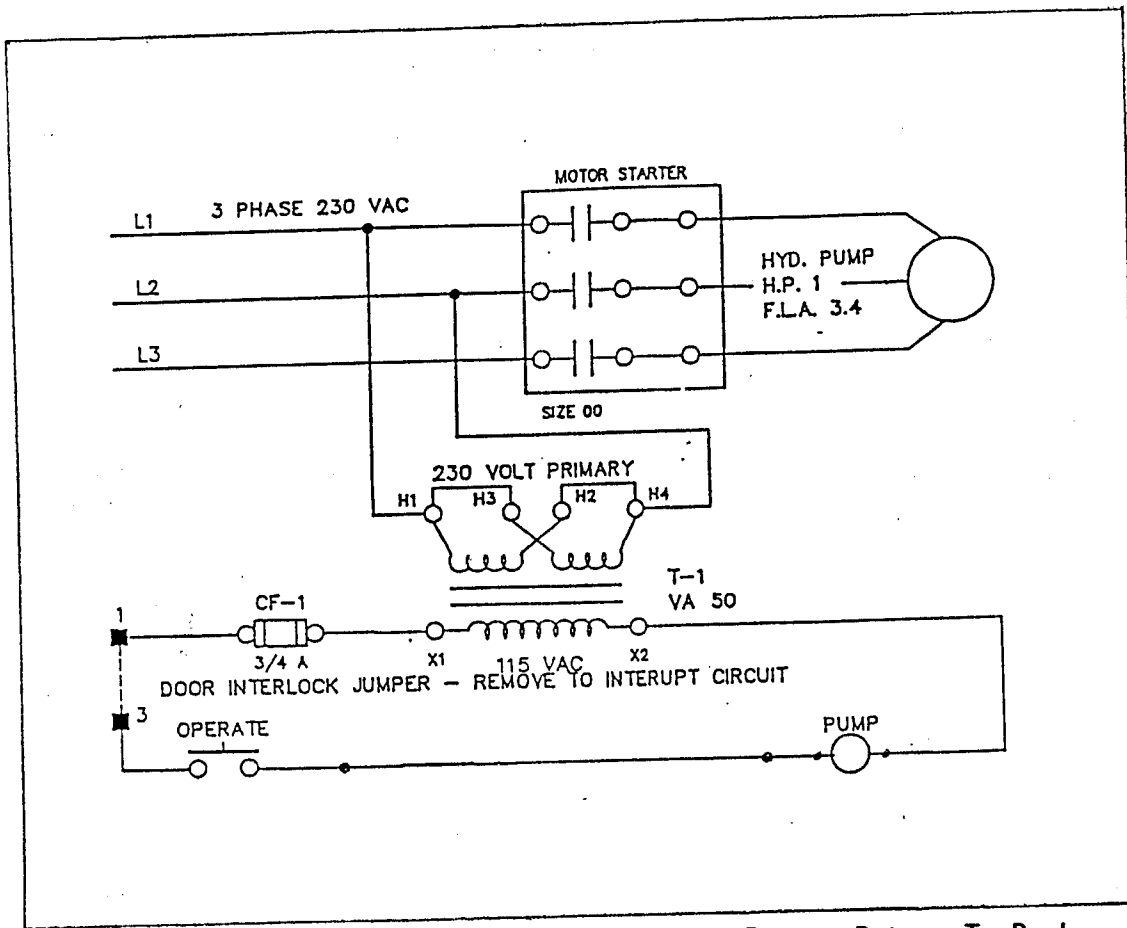


Figure 3(a) 230V/3Ph/60Hz with PushButton Return To Dock

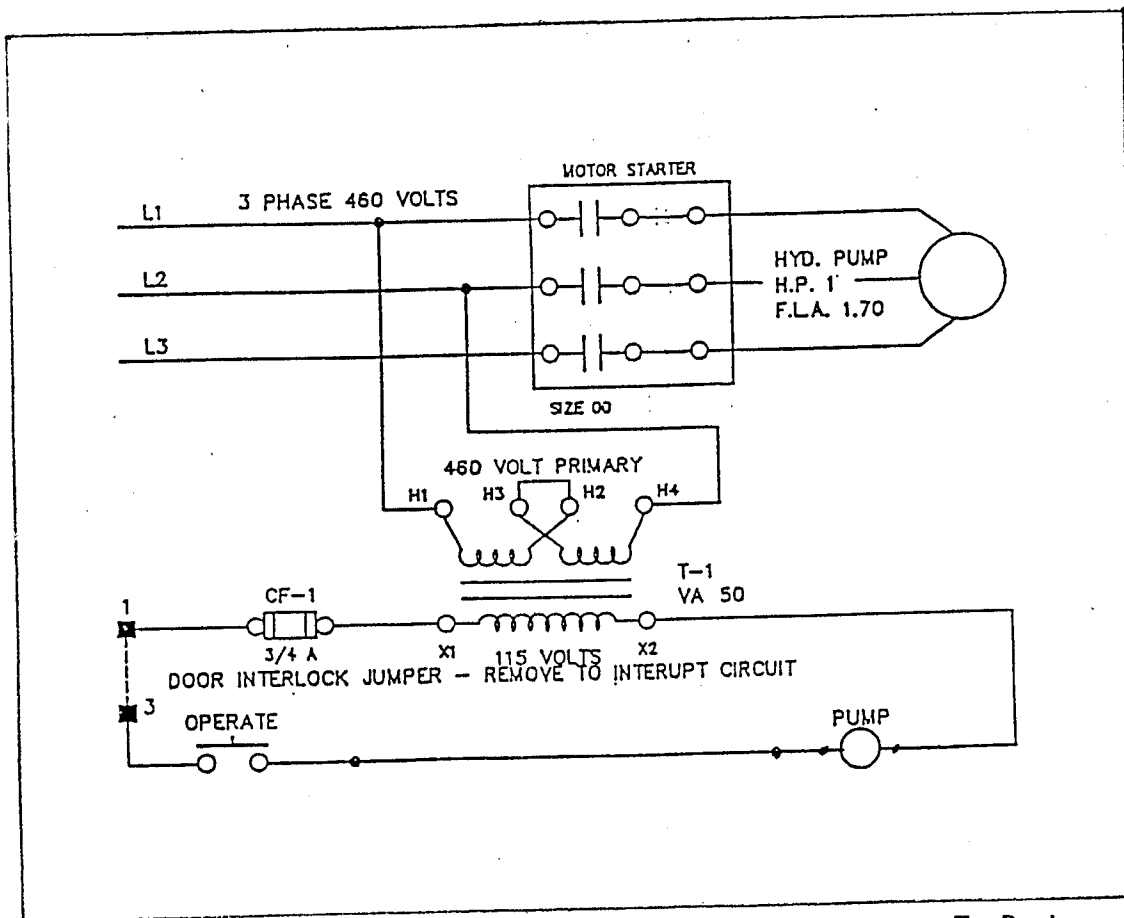


Figure 3(b) 460V/3Ph/60Hz with PushButton Return To Dock

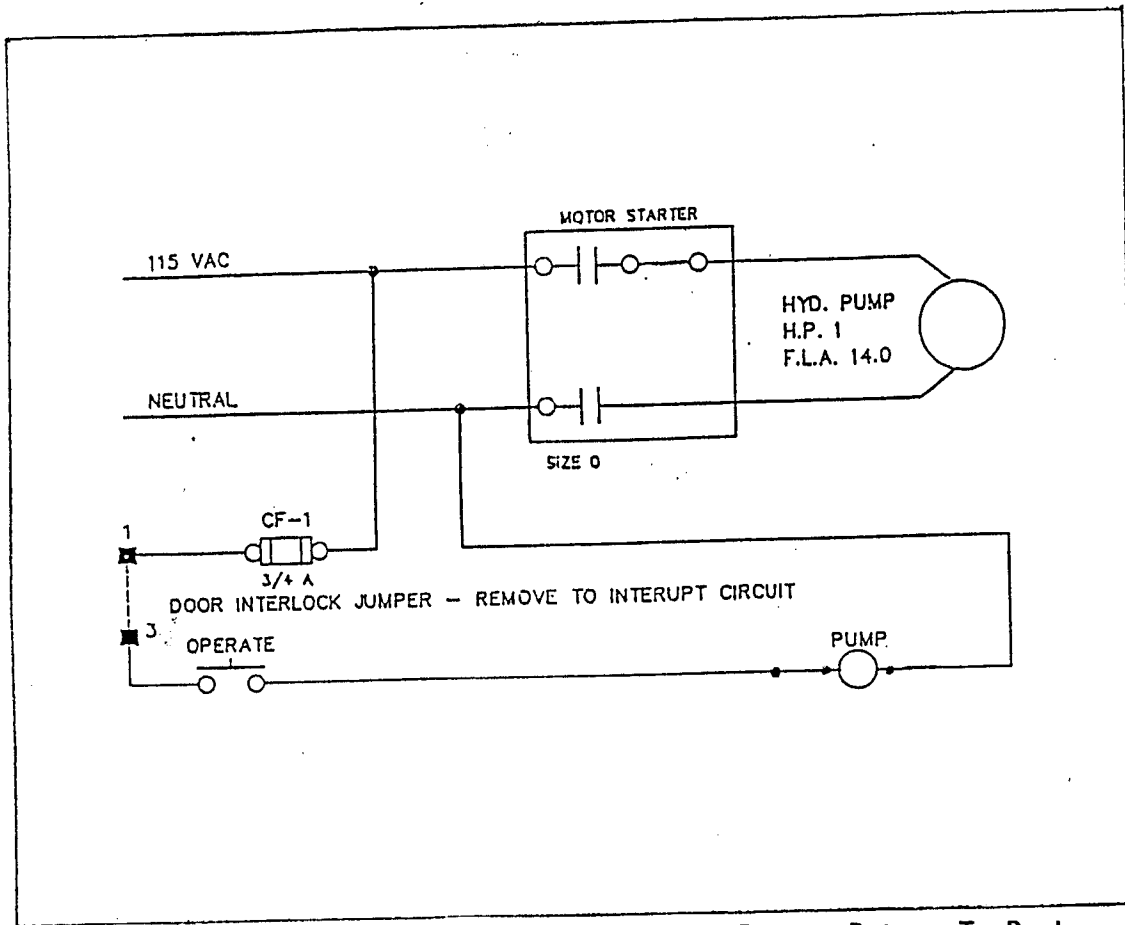


Figure 4(a) 115V/1Ph/60Hz with PushButton Return To Dock

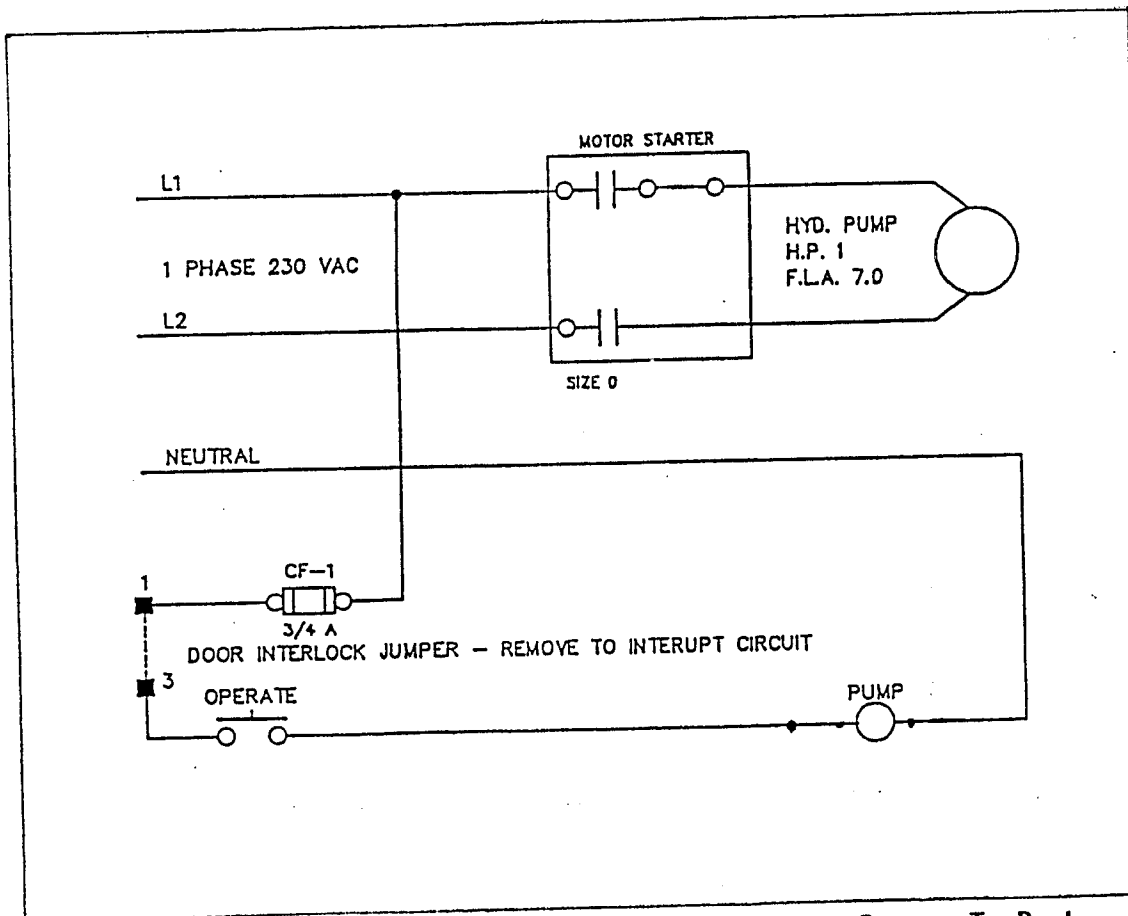


Figure 4(b) 230V/1Ph/60Hz with PushButton Return To Dock

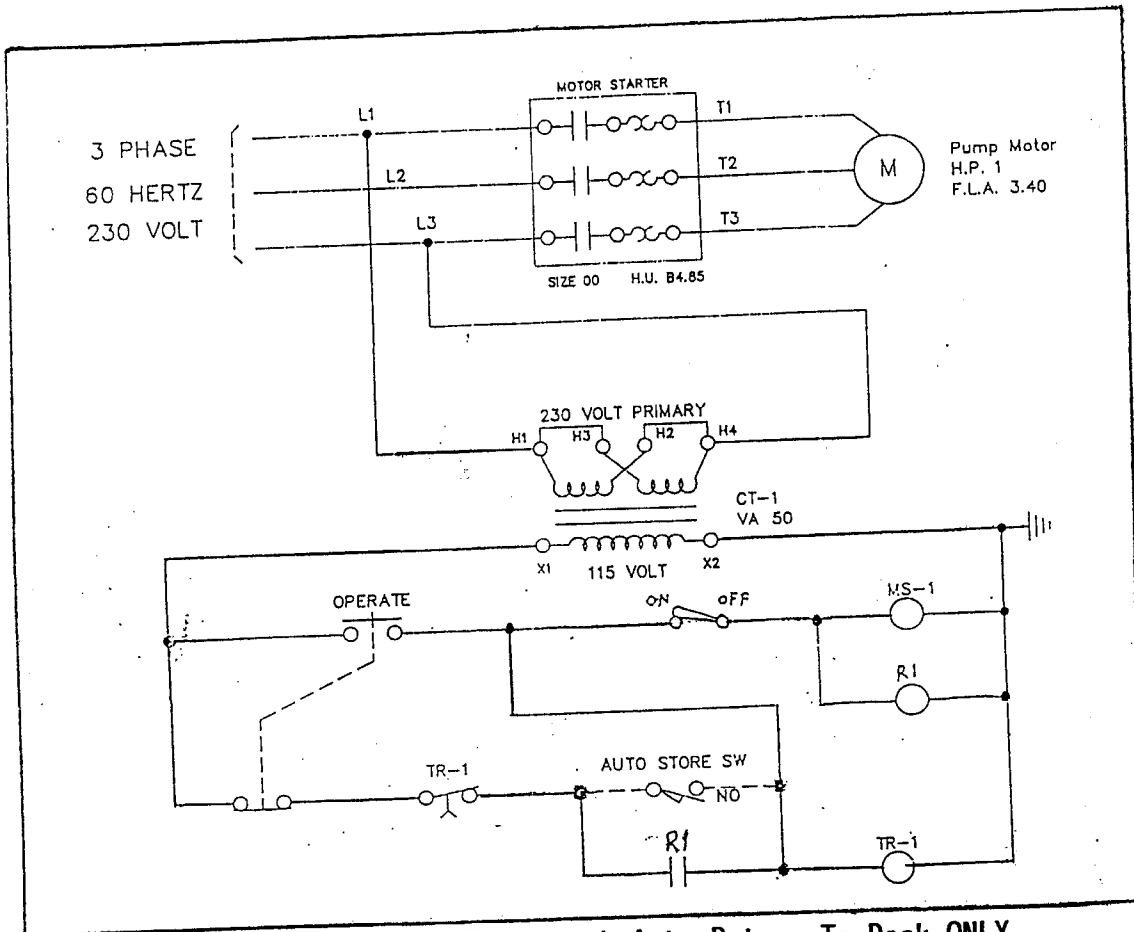


Figure 5(a) 230V/3Ph/60Hz with Auto Return To Dock ONLY

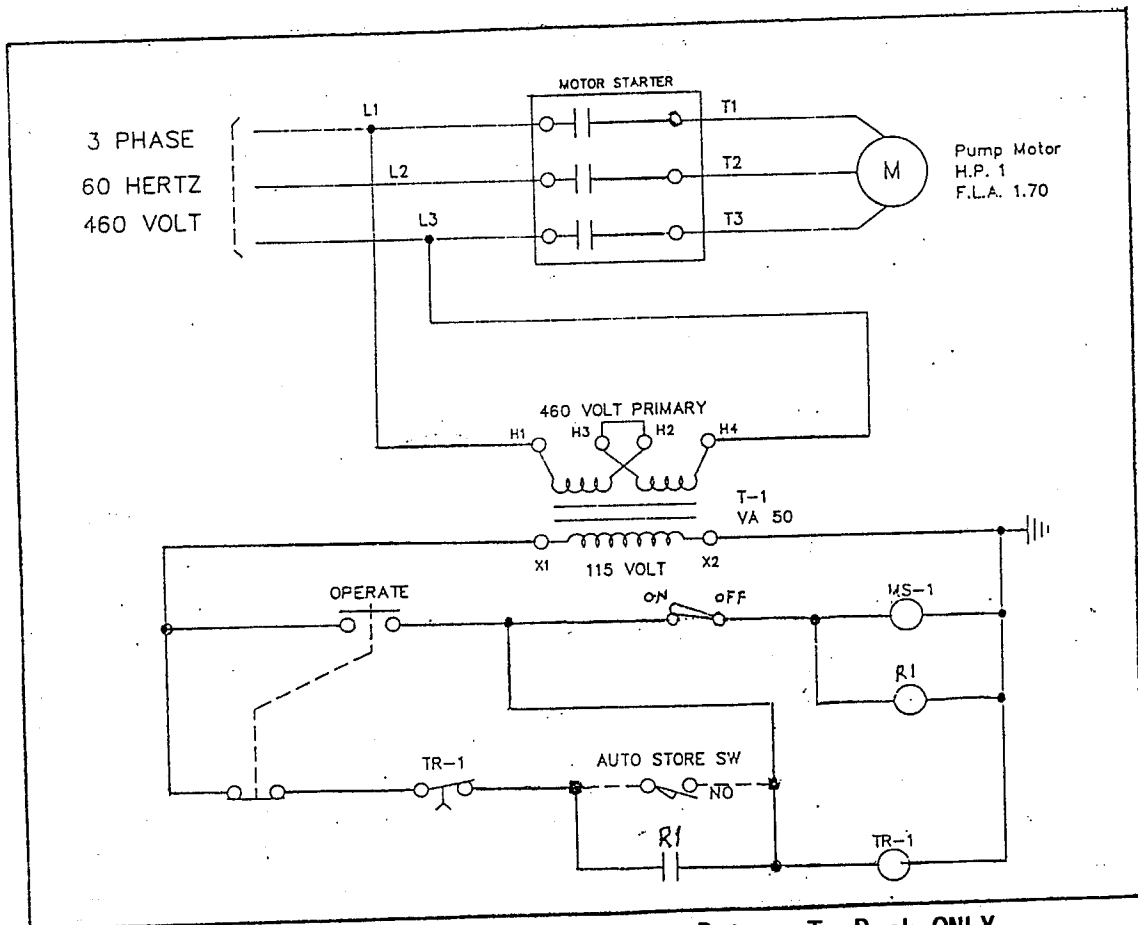


Figure 5(b) 460V/3Ph60Hz with Auto Return To Dock ONLY

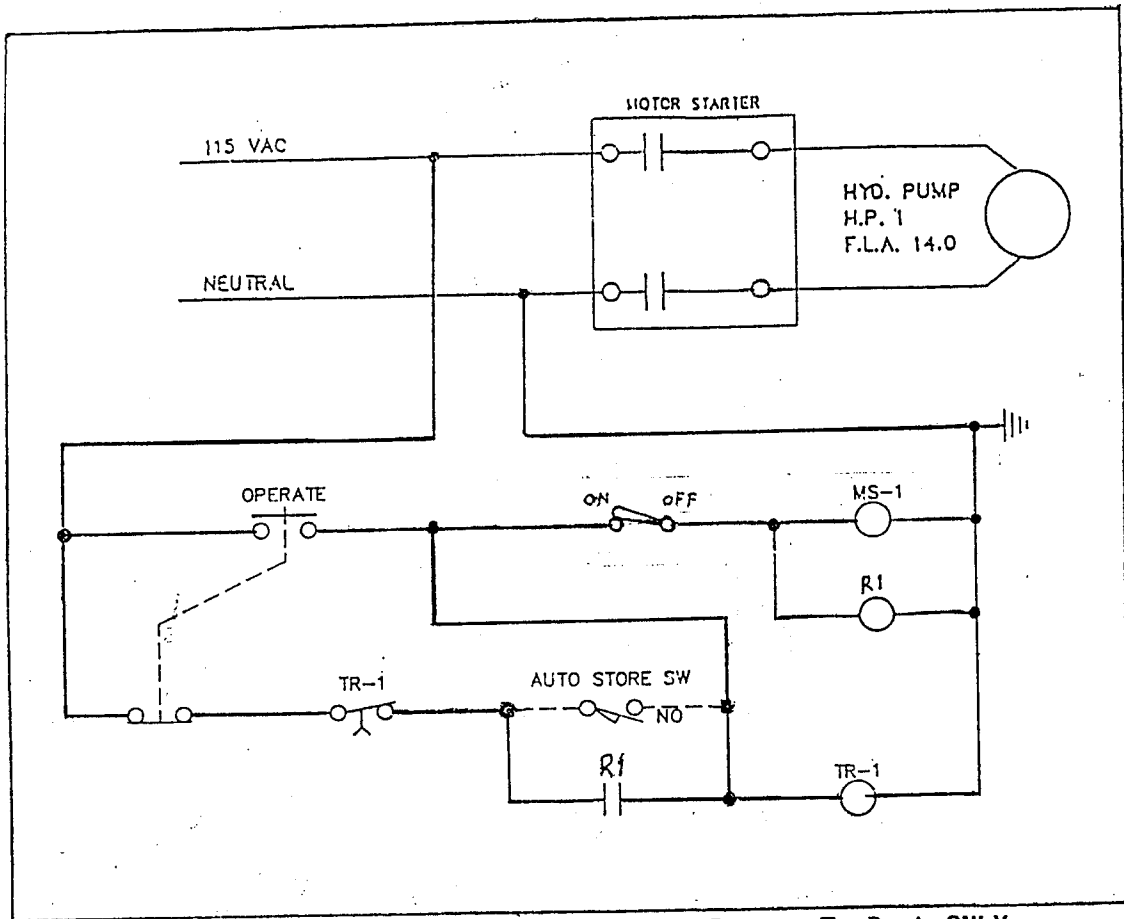


Figure 6(a) 115V/1Ph/60Hz with Auto Return To Dock ONLY

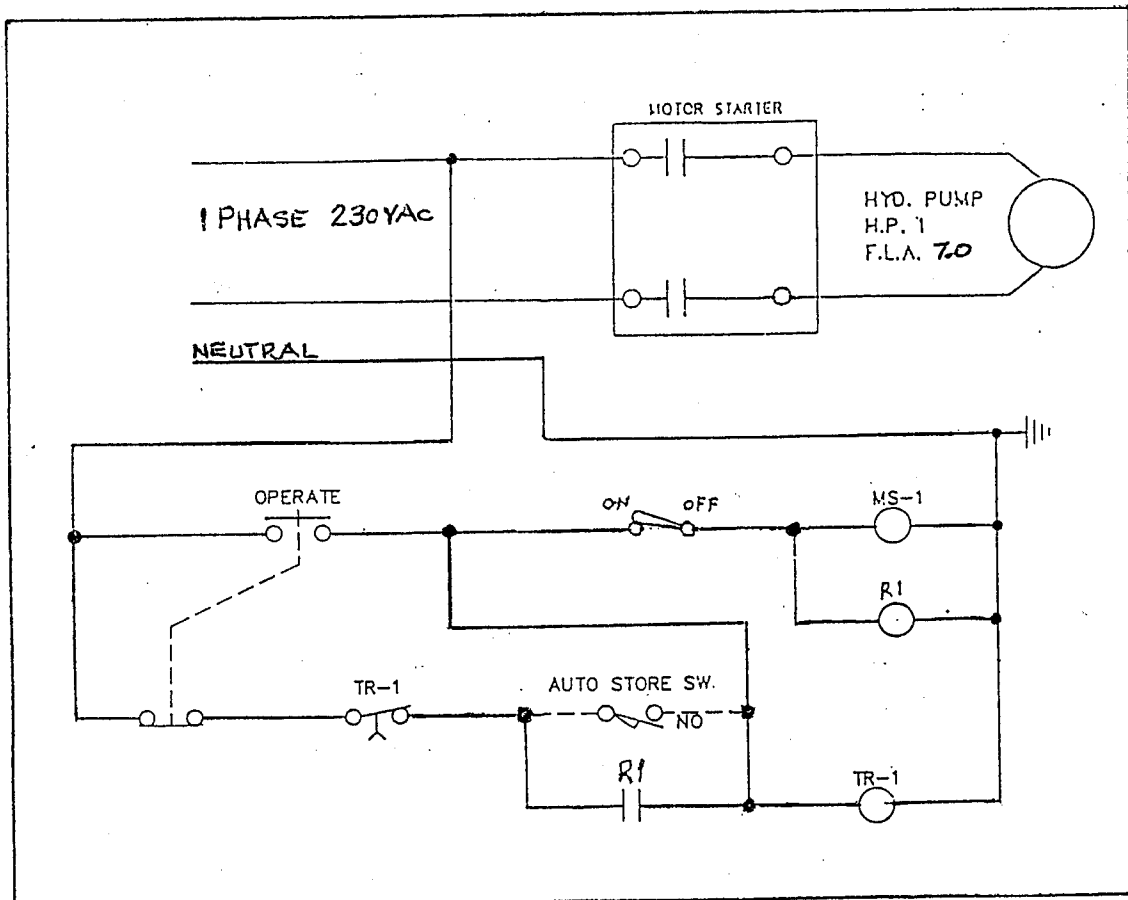


Figure 6(b) 230V/1/Ph/60Hz with Auto Return To Dock ONLY

Operating Instructions

BEFORE attempting operation of the Atlantic Leveler, read the manual provided and thoroughly understand operation of all components. DO NOT allow persons unfamiliar with this equipment to operate same.

BE SURE to follow CAUTION reminders on Page 1 when operating your Atlantic Dock Leveler.

CAUTION: DO NOT actuate the leveler until the truck is in position. Truck should be squarely against dock bumpers and its wheels securely chocked.

CAUTION: Equipment or personnel should NEVER be on ramp or lip when truck pulls away.

CAUTION: DO NOT operate lift equipment with inadequate braking systems on Dock Levelers; personal injury or equipment damage may result. Whenever driving down declined ramp move slowly. NEVER attempt to place or remove load from truck with extended overhang behind rear axle without proper truck support.

CAUTION: NEVER use fork truck or other handling equipment to lower ramp or lip. This could cause personal injury and damage to leveler or freight carrier.

NORMAL OPERATION:

1. Make sure control selector button is in "NORMAL" setting. (If so equipped)
2. Press and hold OPERATE push button until ramp is raised and lip is fully extended.
3. Release the push button. The ramp will automatically lower until the lip rests on truck bed.
4. When the truck leaves, if a load is not on the ramp, the ramp will descend to its lowest position. The motor will automatically start (Auto Return to Dock feature) and the ramp and lip will return to cross traffic position. Motor will automatically shut off.

LEVELERS WITHOUT AUTOMATIC RETURN SWITCHING:

Push and hold OPERATE push button. Lip will power retract and ramp will raise to above dock position. Release push button. Leveler will automatically settle to dock level stored position.

NOTE: Leveler can be stored while a truck is at dock.

1. Press and hold OPERATE button until ramp is raised and lip is fully retracted.
2. Release the push button. Ramp will automatically return to cross traffic position.

END LOADING ABOVE DOCK:

If freight occupies area at rear of truck which could be contacted by lip in normal operation and truck floor is at or above dock level, freight can be removed with leveler in cross traffic position. No need to operate leveler.

NOTE: After removing end load, if leveler is needed as bridge to truck floor, press and hold OPERATE button until lip fully extends. Release button and ramp will settle with lip extended.

END LOADING BELOW DOCK: (Levelers with Auto End Load Selector)

REMINDER: BE SURE to follow **CAUTION** instructions on preceding page.

If freight occupies area at rear of truck which could be contacted by lip in normal operation and truck floor is lower than dock level, follow these instructions:

1. Push control selector to "BELOW DOCK" setting.
2. Press and hold **OPERATE** button until the motor raises the ramp, pushes lip out and shuts off automatically. Leveler will settle to its fully lowered position with lip pendent between truck and dock. Move slowly onto ramp to retrieve end load.
3. To return to normal operation, push the control selector back to "NORMAL" setting and the leveler will automatically return to cross traffic position.

LEVELERS WITH PUSH BUTTON OPERATE SWITCH ONLY:

Push and hold "OPERATE" button until ramp is fully up. When ramp stops lifting release push button as pump valve starts to extend lip. If lip over-extends jog "OPERATE" button to retract lip and allow leveler to settle to lowest position (shut off power if leveler is equipped with automatic return to dock feature).

OPERATION FOR LOW TRUCKS:

REMINDER: BE SURE to follow **CAUTION** instructions on preceding page.

1. Make sure control selector is in "NORMAL" setting. (If so equipped)
2. Press and hold the **OPERATE** button until lip fully extends.
3. Release the **OPERATE** button. Ramp will lower to seek truck level.
4. Push the control selector to "BELOW DOCK" setting. (If so equipped) The leveler will remain in its lowered position. If leveler does not have a below dock selector but includes automatic store switching, shut power off to maintain lowest ramp position.
5. To return to normal operation, push the control selector to "NORMAL" setting. (If so equipped) Leveler will automatically return to cross traffic position. If leveler does not have this selector button but includes automatic return to dock switching, turn power "ON" to re-activate normal operation. If leveler is not equipped with automatic return to dock switching, push **OPERATE** button to allow leveler to recycle to stored position.

Trouble - Shooting

The Atlantic Dock Leveler is designed to be efficient and dependable. It is shipped from the factory fully-tested and totally operative. Operating problems can be caused by unnecessary adjustments by unqualified personnel. If problems do arise, refer to the Trouble-Shooting Chart below; and contact your authorized Atlantic representative or factory when necessary. **BEFORE** servicing leveler **BE SURE** to read the instructions provided and thoroughly understand operation of components. **ALWAYS** follow **CAUTION** reminders on page 1.

CAUTION: **BE SURE** to review these instructions **BEFORE** trouble-shooting, performing maintenance tasks and/or making any adjustment on equipment.

1. Block off leveler area to all forms of traffic or personnel.
2. Raise leveler and place service strut in position. **BE CERTAIN** leveler is securely braced.
3. Disconnect electrical power. Tag "Out of Service".

TROUBLE-SHOOTING ANALYSIS CHART

Read and understand proper adjusting procedures (Page 18) BEFORE making any adjustments.		
SYMPTOMS	PROBABLE CAUSE	CORRECTIVE ACTION
Motor does not operate. No motor sound evident - ramp will not rise	1. Disconnected electrical service. 2. Blown fuse or open circuit breaker. 3. Open over-load relay on starter. 4. Loose or detached electrical connection. 5. Burned-out transformer. Three phase panel. 6. Motor failure.	1. Check disconnect or electrical service available. 2. Check fuses & replace. Reset circuit breaker. Determine cause of electrical problem & correct. 3. Allow to cool. Reset by pushing in reset button at the starter. 4. Locate and correct. 5. Replace transformer. 6. Replace pump unit; or have motor repaired by a qualified electrical shop.

NOTE: Any electrical problem requiring component replacement should have the cause determined and corrected prior to continued use of the equipment.

TROUBLE-SHOOTING ANALYSIS CHART (cont)

SYMPTOMS	PROBABLE CAUSE	CORRECTIVE ACTION
<p>Dock Leveler will not raise to highest position. Motor does run.</p>	<ol style="list-style-type: none"> 1. Insufficient hydraulic fluid. 2. Motor humming—single phase phase current. Line voltage may be too low. 3. Improper rotation of three phase motor. 4. Motor single-phasing on three phase current. 5. Load remaining on ramp. 6. Insufficient pump pressure. 7. Hydraulic Pump Unit physically damaged. Inadequate pressure available. 	<ol style="list-style-type: none"> 1. Check fluid level—refill. Determine cause of leak and correct. Refer to Page 3. 2. Test voltage input at motor starter with motor running; also verify amperage. Low voltage/high amperage indicates insufficient line capacity. To correct replace feed line with adequate wire size. 3. Reverse any two motor leads under starter. 4. Verify line voltage under starter. Depress overload reset at starter. Check continuity thru each overload. Check for loose or seperated wire. Correct as indicated. 5. Remove load. Hydraulic system is not designed to lift more than weight of leveler. 6. Relief valve set too low. Adjust accordingly. 7. Replace.
<p>Ramp will not automatically return to cross-traffic position.</p>	<ol style="list-style-type: none"> 1. Control selector not in normal mode. 2. Automatic Storage Control switch not engaged. 	<ol style="list-style-type: none"> 1. Push control selector to normal position. 2. Verify switch function, correct adjustment.
<p>Ramp will not lower with lip in extended position</p>	<ol style="list-style-type: none"> 1. Physical obstruction. 2. Automatic Emergency Stop 	<ol style="list-style-type: none"> 1. Remove 2. Press the OPERATE button momentarily to reset safety valve.

Adjustments

The **CONTROL VALVES** have been thoroughly tested and adjusted before leaving the factory and should not normally require further adjustments. If, however, malfunction does exist, follow instructions carefully; or consult the factory.

CAUTION: Block off leveler area to all traffic and personnel. **BE SURE** leveler is securely braced **BEFORE** making any adjustments.

CAUTION: Never remove any valve without lip in pendent position. Otherwise lip will fall suddenly and hydraulic fluid will spurt from valve being serviced!

CAUTION: Adjusting screw caps are sealed to cartridge body with an O-ring gasket. **DO NOT** damage or lose the gasket as it must be replaced to avoid leakage.

CAUTION: No excessive adjustment should be necessary. Make adjustments in 1/4 turn increments, maximum. Test results. Contamination can interrupt proper valve function. Be certain valves are free working and clean if consistent operation is not maintained or extensive adjustments are required. **ALWAYS** observe original factory adjustments as a point of return if adjustments fail to improve operational problem.

LIP OUT-SWING TOO SLOW - TOO FAST: Top valve on left side of valve block controls out-swing of lip.

- ADJUSTMENT:**
1. Remove cap and turn adjusting screw counter-clockwise if lip fails to extend. Fine tuning will provide smooth extension at a controlled speed. Replace cap.
 2. Remove cap and turn screw clockwise to keep lip closed until ramp is fully raised. Fine tuning will reduce speed of lip extension. Replace cap.

LIP RETRACTION SWING TOO SLOW - TOO FAST: Middle valve on left side of valve block controls retraction speed of lip during recycle operation of leveler.

- ADJUSTMENT:**
1. Remove cap and turn adjusting screw counter-clockwise to make lip return faster and harder. Replace cap.
 2. Remove cap and turn adjusting screw clockwise to slow return action of lip. Replace cap.

LIP HOLD: This valve also maintains extended position of lip during descent of ramp. If lip settles prematurely, turn adjusting screw clockwise. If adjustment fails to maintain lip extension - valve ball may not be properly seated due to a speck of foreign material. Valve must be cleared before adjustment.

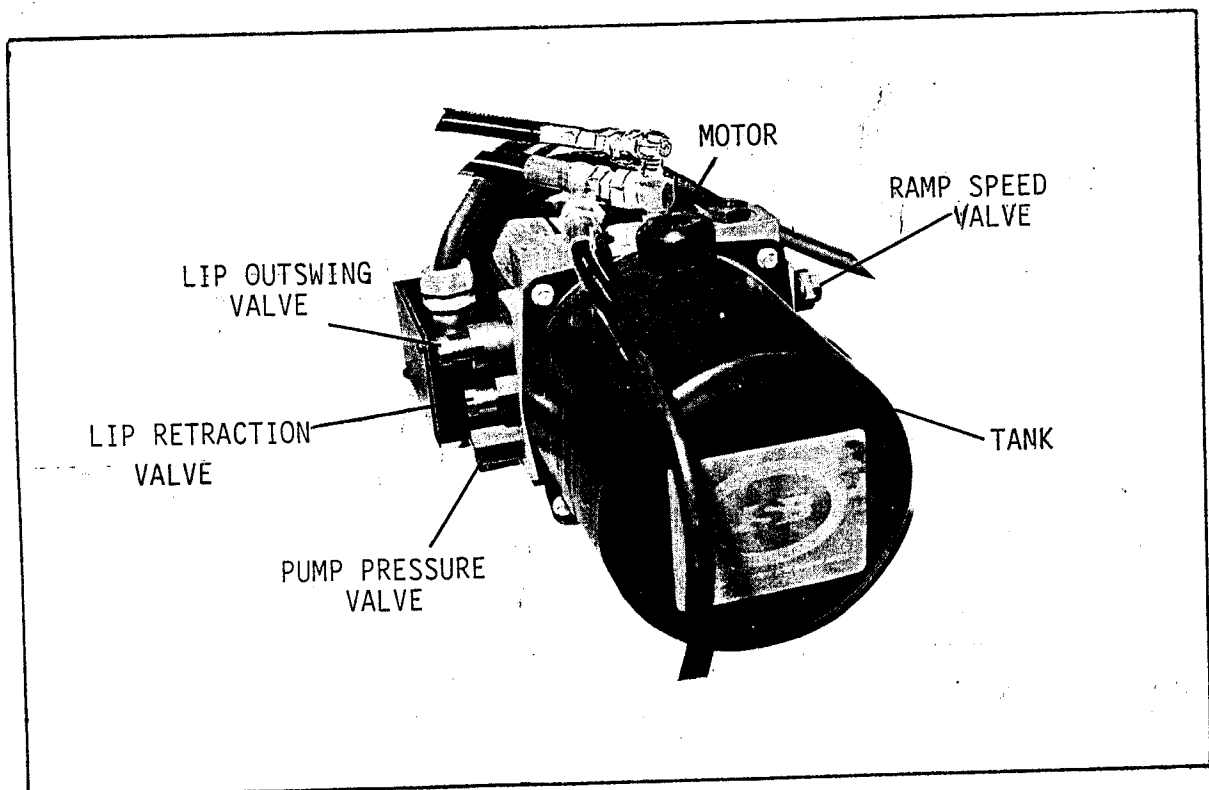
RAMP LOWERS TOO SLOW – TOO FAST: Top valve on right side of valve block controls the lowering speed of the main ramp.

- ADJUSTMENT:**
1. Remove cap and turn adjusting screw counter-clockwise to increase rate of descent. Replace cap.
 2. Remove cap and turn adjusting screw clockwise to decrease rate of descent. Replace cap.

PUMP PRESSURE – LIP FAILS TO SWING FREELY TO EXTENDED POSITION: Bottom valve on left side of valve block controls maximum pump pressure (relief). Sufficient pressure should be provided to freely operate all functions of dock leveler. Excessive pressure should be avoided.

- ADJUSTMENT:**
1. Remove cap and turn adjusting screw clockwise to increase pump pressure output. Replace cap.
 2. Remove cap and turn adjusting screw counter-clockwise to decrease pump pressure output.

REMINDER: This equipment does not require regular adjustment. Only experienced individuals should attempt more than simple adjustment procedures. If in doubt contact the Atlantic factory or your Atlantic representative.



Preventive Maintenance

Periodic inspection is recommended to insure no worn or damaged parts exists which could result in equipment breakdown or personal injury. Have your qualified maintenance personnel follow these simple instructions to assure maximum performance from your Atlantic Dock Leveler.

BEFORE attempting to service leveler, read the manual provided and thoroughly understand operation of all components. **BE SURE** to follow the **CAUTION** reminders on Page 1.

CAUTION: Block off leveler area to all traffic and personnel. **BE SURE** leveler is securely braced **BEFORE** performing any maintenance tasks. Disconnect electrical power and tag leveler "Out Of Service".

CAUTION: Prior to welding on any leveler's component **BE SURE** ground lead to welder is attached to component to be welded and leveler electrical service is disconnected. Failure to provide proper welder grounding may result in electrical component burn-out.

COMPONENT CHECK: Inspect components for wear and/or damage. Check and make sure all welds and structural members are sound. If any damage is found, **DO NOT** use leveler until damage is repaired. Tag leveler "Out Of Service".

CYLINDERS AND HOSES should be inspected occasionally to guard against possible loss of fluid.

TO CHECK FLUID LEVEL in the power unit remove the filler/breather cap from the top of tank. Refer to Specification section for correct fluid and for correct fluid level. **BE SURE** to replace filler/breather cap.

POWER UNIT is field serviceable, however, those unfamiliar with the unit should **NEVER** attempt to disassemble or repair one. Contact your authorized Atlantic representative or the Atlantic factory for service needs.

GOOD HOUSEKEEPING practices should always be followed. Keep hinge area clear of any debris, and keep area under and around leveler clean. Prior to operating the leveler, during the winter months, make sure any moving parts are free from ice and snow.

NOTE: For your parts replacement needs contact your authorized Atlantic representative or the Atlantic factory. It is always helpful to advise Model Number when inquiring about parts or product information.