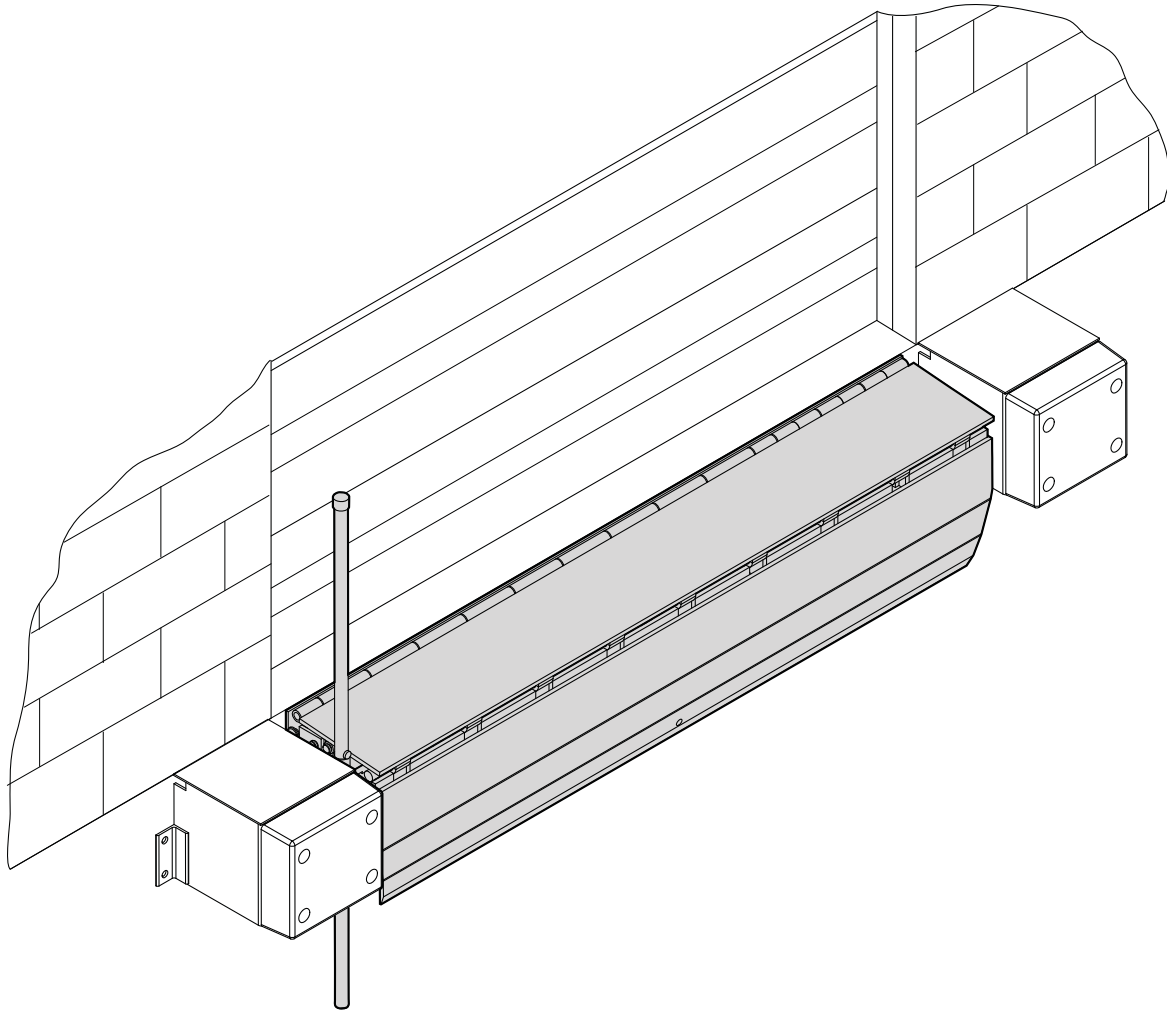

RHE3

Dock Leveler

Owners Manual



RITE·HITE[®]
ALWAYS LOOKING AHEAD



This Manual Covers Dock Levelers Built After Serial Numbers:
07FE160001M and up

NOTES

TABLE OF CONTENTS

NOTICE TO USER3

SAFETY WARNINGS4

OWNER RESPONSIBILITY7

MECHANICAL OPERATION INSTRUCTIONS8

HYDRAULIC OPERATION INSTRUCTIONS9

MAINTENANCE PROCEDURES11

TROUBLESHOOTING13

HYDRAULIC OPTION - HYDRAULIC SCHEMATIC14

HYDRAULIC OPTION - ELECTRICAL SCHEMATIC15

REPLACEMENT PARTS18

HYDRAULIC OPTION REPLACEMENT PARTS22

SINGLE PHASE CONTROL BOX REPLACEMENT PARTS24

THREE PHASE CONTROL BOX REPLACEMENT PASTS25

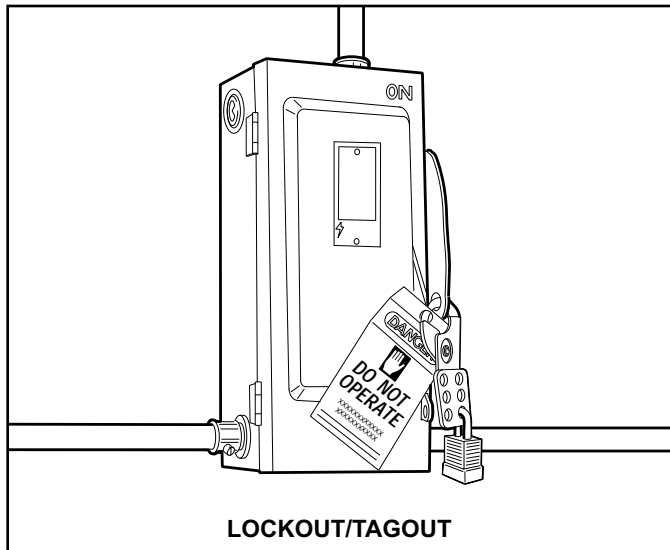
WARRANTYBACK COVER

NOTICE TO USER

Your local Rite-Hite® representative provides a Planned Maintenance Program (P.M.P.) which can be fitted to your specific operation. Call your local representative or Rite-Hite® at 414-355-2600.

The Rite-Hite products in this manual are covered by one or more of the following U.S. patents: 5,546,623; 5,553,987; 5,582,498; 5,664,930; 5,702,223; 5,762,459 (RE: 37,570); 5,882,167; 6,065,172; 6,070,283; 6,085,375; 6,089,544; 6,092,970; 6,106,212; 6,116,839; 6,190,109; 6,276,016; 6,311,352; 6,318,947; 6,322,310; 6,360,394; 6,368,043; 6,431,819; 6,488,464; 6,499,169; 6,505,713; 6,520,472; 6,524,053; 6,634,049; 6,726,432; 6,773,221; 6,832,403; 6,880,301; 7,032,267; 7,062,814; 7,134,159; 7,213,285; 7,216,391; 7,363,670; 7,380,305; 7,503,089; 7,533,431; 7,546,655; 7,584,517; 7,681,271; 7,823,239; 7,841,823; 7,877,831; 7,914,042; 8,006,811; 8,065,770; 8,141,189; 8,191,194; 8,286,757; 8,287,223; 8,303,235; 8,307,956; 8,443,474; 8,464,384; 8,464,846; 8,465,245 and pending U.S and foreign patent applications. RITE-HITE®, THINMAN™, SAFE-T-LIP®, HYDRACHEK®, WHEEL-LOK™, DOK-LOK®, DUAL-DOK®, SAFE-T-STRUT™, DOK-COMMANDER®, JUMBO™, HYDRA-RITE™, SAFE-T-GATE®, RITE-VU™ LIGHT COMMUNICATION SYSTEM and SMOOTH TRANSITION DOK SYSTEM™, are trademarks of Rite-Hite®.

SAFETY WARNINGS



WARNING

When working with electrical or electronic controls, make sure that the power source has been locked out and tagged out according to OSHA regulations and approved local electrical codes.

LOCKOUT/TAGOUT PROCEDURES

The Occupational Safety and Health Administration (OSHA) requires, in addition to posting safety warnings and barricading the work area (including, but not limited to, trucking office and loading docks), that the power supply has been locked in the OFF position or disconnected. It is mandatory that an approved lockout device is utilized. An example of a lockout device is illustrated. The proper lockout procedure requires that the person responsible for the repairs is the only person who has the ability to remove the lockout device.

In addition to the lockout device, it is also a requirement to tag the power control in a manner that will clearly note that repairs are under way and state who is responsible for the lockout condition. Tagout devices have to be constructed and printed so that exposure to weather conditions, or wet and damp locations, will not cause the tag to deteriorate or become unreadable.

RITE-HITE® does not recommend any particular lockout device, but recommends the utilization of an OSHA approved device (refer to OSHA regulation 1910.147). RITE-HITE® also recommends the review and implementation of an entire safety program for the Control of Hazardous Energy (Lockout/Tagout). These regulations are available through OSHA publication 3120.

DANGER

This is the highest level statement. Failure to follow the listed instructions will most likely result in severe injury or death.

CAUTION

The statements used with this level of warning deal with a safe operating procedure. If the procedure is ignored the possibility of personal injury may exist.

WARNING

This is a statement of serious hazard. Failure to follow the listed instructions could place the individual at risk of serious injury or death.

IMPORTANT

IMPORTANT is used to draw attention to a procedure that needs to be followed to prevent machine damage.

OTHER IMPORTANT OPERATIONAL SAFETY WARNINGS

DANGER

Never be under the dock leveler platform or lip without:

- Installing the maintenance strut.
- If lip needs to be extended, follow procedures shown under Safety Devices on the following page.
- Turning off power to the control box.
- Locking out and tagging out the main power source, as shown under Safety Warnings on preceding page.

WARNING

Always barricade the dock leveler at ground level and dock level from any form of traffic when maintenance is required.

CAUTION

Inspect the dock leveler monthly to ensure that there are no broken or worn parts which could cause injury to personnel or damage to the equipment.

WARNING

- Before starting installation or maintenance, check and follow the safety procedures of the facility where the dock leveler is being installed.
- Never enter a truck/trailer until its brakes are set, air has been dumped from air ride suspension (if applicable), and you have visually inspected to be sure truck/trailer is securely held in place by a vehicle restraint or wheel chock per OSHA regulations.
- Never operate the leveler with you, anyone, or anything on, or in front of the leveler, or without a truck/trailer parked in position, or from on the truck/trailer bed.
- DO NOT operate with anyone under platform or in front of the lip.
- When leveler is not in use, always store it.
- If a malfunction does occur, always call your authorized RITE-HITE® service representative immediately.

SAFETY DEVICES

DANGER

Never be under the dock leveler platform or lip without:

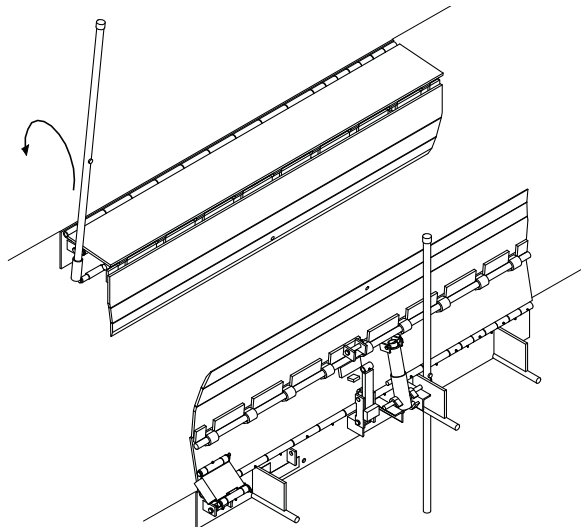
- Installing the maintenance strut. See right.
- Lockout/Tagout power supply.
 - Turn off the power to the control box.
 - Lockout/tagout the main power source, as shown under Safety Warnings on the inside front cover of this manual.
 - Always barricade the leveler at dock level and drive level to prevent any unauthorized use of the leveler.
- If you are unable to install the maintenance strut properly, contact your authorized RITE-HITE® Service Representative or RITE-HITE® Customer Service at 1-414-355-2600.

CAUTION

- Post warnings and barricades at dock level and at drive level to indicate that work is being done around and under the leveler platform.
- Lockout/Tagout power to the leveler and post warnings when work is being performed on the leveler.

CAUTION

The operation handle also serves as a maintenance strut preventing the leveler from rotating onto the maintenance personnel.



To install the strut:

- Rotate the leveler to its rearward position.
- Remove the clevis pin attaching the lip latch to the underside of the lip.

When lifting lip (approx. 110 lbs.) use lifting device (crane). Lifting by hand may cause back injury.

- Rotate the lip up and over. Place the handle in the socket provided.

OWNERS RESPONSIBILITY

1. The owner should recognize the inherent danger of the interface between dock and transport vehicle. The owner should, therefore, train and instruct operators in the safe use of dock equipment in accordance with the information provided below. The manufacturer shall publish, provide to the initial purchaser, and make the following information readily available to owners:
 - Installation instructions
 - Recommended initial and periodic inspections procedures
 - Maintenance procedures
 - Operating instructions
 - Descriptions or specifications for replaceable or repairable parts
 - Tables identifying the grade (slope) for all variations of length or configuration of the dock equipment
 - Information identifying the maximum uncontrolled drop encountered upon sudden removal of support while within the working range of the equipment.

It shall be the responsibility of the owner to verify that the material listed in this section has been received and that it is made available for the instruction and training of personnel entrusted with the use or maintenance of the dock equipment.
2. When a transport vehicle is parked at a loading dock, it is important that the vehicle is relatively perpendicular to the dock face and in close contact with at least one of the dock bumpers.
3. Nameplates, cautions, instructions, and posted warnings shall not be obscured from the view of operating or maintenance personnel for whom such warnings are intended.
4. Manufacturer's recommended periodic maintenance and inspection procedures in effect at date of shipment shall be followed, and written records of the performance of these procedures should be kept.
5. As with any piece of machinery, dock equipment requires routine maintenance, lubrication, and adjustments. Your local RITE-HITE® representative offers owners the option of a Planned Maintenance Program (P.M.P.). As part of this service, your local RITE-HITE® representative will do all routine maintenance, lubrication, and adjustments.
6. Dock equipment that is structurally damaged shall be removed from service, inspected by a manufacturer's authorized representative, and repaired as needed before being placed back in service.
7. The manufacturer shall make available replacement nameplates, caution/instruction labels, and operating/maintenance manuals upon request of the owner. The owner shall see that all nameplates, caution/instruction markings or labels are in place and legible, and that the appropriate operating/maintenance manuals are provided to users.
8. Modifications or alterations of dock equipment shall be made only with written permission of the original manufacturer. These changes shall also satisfy all safety recommendations of the original equipment manufacturer for the particular application of the dock equipment.
9. When industrial trucks are driven on and off transport vehicles during the loading and unloading operation, the brakes on the transport vehicle shall be applied and wheel chocks or a positive restraining device shall be engaged.
10. In selecting dock equipment, it is important to consider not only present requirements but also future plans or adverse environments.

MECHANICAL OPERATION INSTRUCTIONS

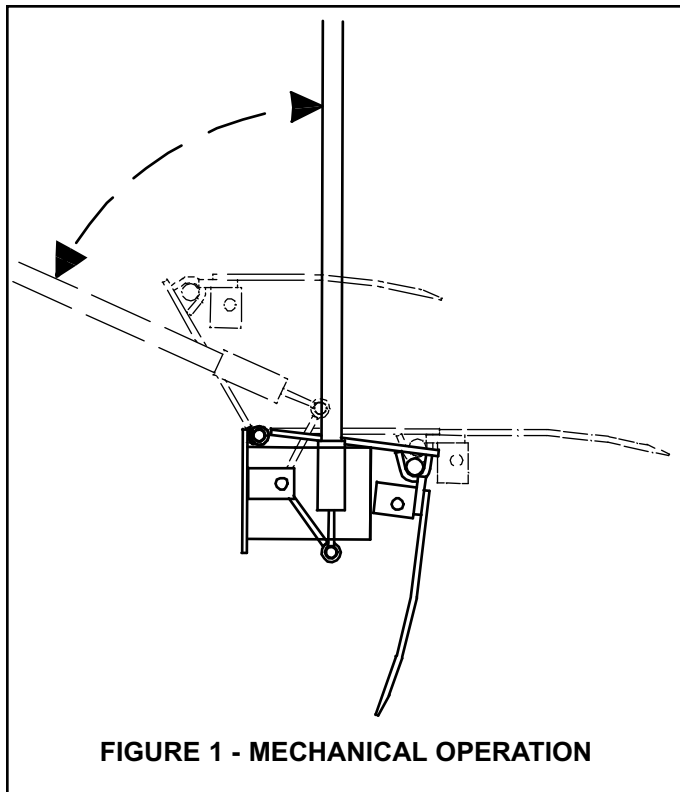
WARNING

Read and obey these instructions to prevent personal injury or damage to leveler.

- Truck/trailer **MUST** be backed in against bumpers and restrained to prevent the truck/trailer from moving away from the dock.
- Speed over the leveler shall not exceed 3 mph and never load the leveler beyond its rated capacity.
- **DO NOT** drag loads over the leveler.
- The lip must have a minimum of 3 inches of purchase to be used safely.
- The bumper tops are not structural. **DO NOT** drive over the top of the bumpers.

IMPORTANT

- Keep leveler in the stored position while truck/trailer is backing into dock.
- Ensure the rear of the truck/trailer is against the dock bumpers and the trailer door is open before operating the leveler.



NOTE:

End loads at dock level and above can be handled with the leveler in its stored position.

NORMAL OPERATION

1. Insert the operating handle into the operating socket and pull back until it stops (the lip will be approximately horizontal). See figure 1.
2. Push the operating handle forward until the lip is extended and resting on the trailer bed. See figure 1.
3. Return the operating handle to the storage socket.
4. To return the leveler to the stored position, insert the operating handle into the operating socket and pull back until the lip clears the rear of the trailer, then lower the unit into the stored position.

NOTE:

When the truck pulls away from the dock, the leveler will automatically return to the stored position.

HYDRAULIC OPERATION INSTRUCTIONS

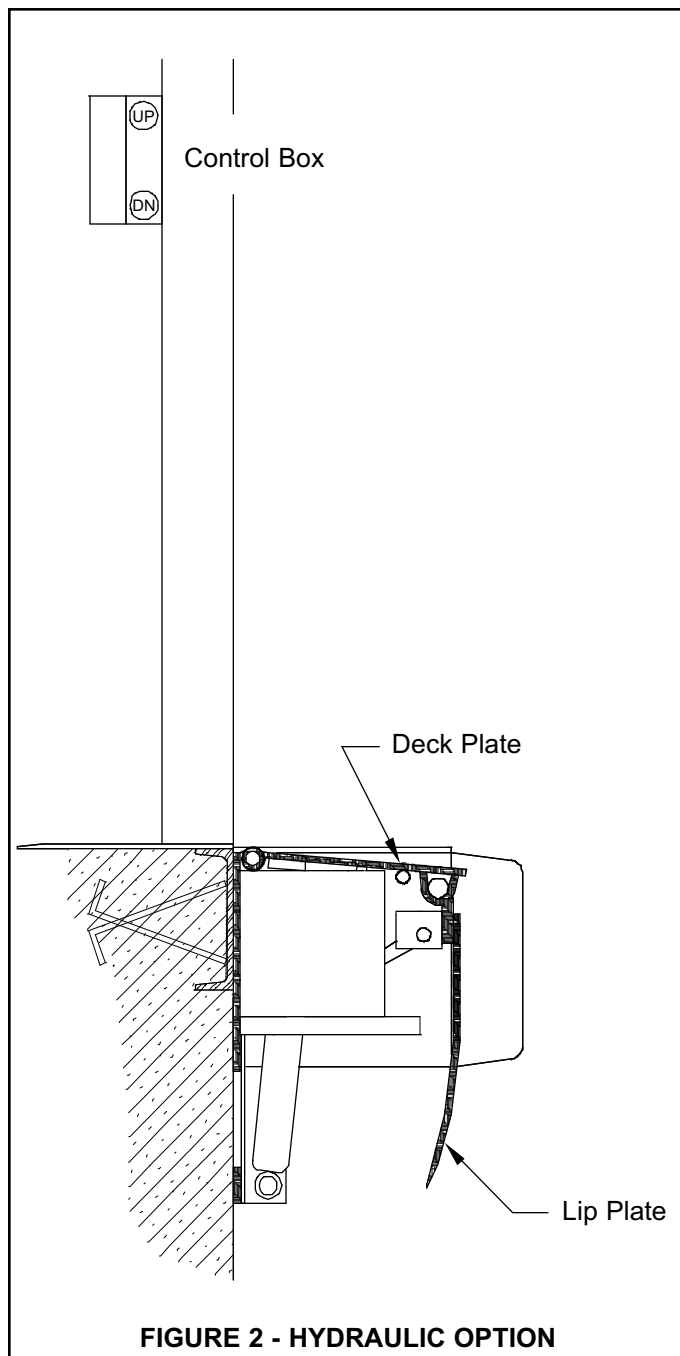
WARNING

Read and obey these instructions to prevent personal injury or damage to leveler.

- Truck/trailer **MUST** be backed in against bumpers and restrained to prevent the truck/trailer from moving away from the dock.
- Speed over the leveler shall not exceed 3 mph and never load the leveler beyond its rated capacity.
- **DO NOT** drag loads over the leveler.
- The lip must have a minimum of 3 inches of purchase to be used safely.
- The bumper tops are not structural. **DO NOT** drive over the top of the bumpers.

IMPORTANT

- Keep leveler in the stored position while truck/trailer is backing into dock.
- Ensure the rear of the truck/trailer is against the dock bumpers and the trailer door is open before operating the leveler.



HYDRAULIC OPERATION INSTRUCTIONS CONT.

NOTE:

End loads at dock level and above can be handled with the leveler in its stored position.

NORMAL OPERATION

1. Push and hold the "UP" button to raise the leveler until the deck plate goes beyond vertical, approximately 30 degrees, and the extension mechanism is engaged with a "click" sound. See figure 3.

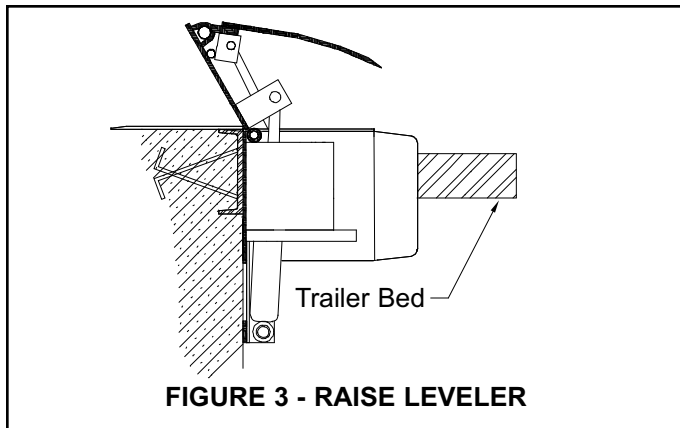


FIGURE 3 - RAISE LEVELER

STORING LEVELER

1. Push and hold the "UP" button to raise the leveler until the lip clears the rear of the trailer bed and release the button. See figure 5.
2. Push and hold the "DOWN" button to lower the unit to the stored position. See figure 6.

NOTE:

When the truck pulls away from the dock, the leveler will not automatically return to the stored position.

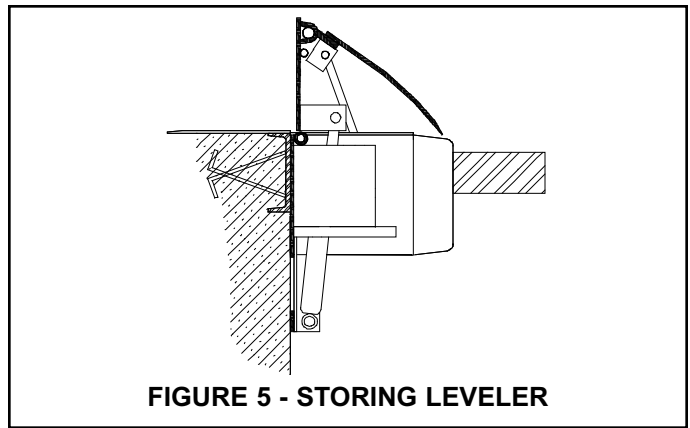


FIGURE 5 - STORING LEVELER

2. Push and hold the "DOWN" button (leveler will move forward and down) until lip plate settles onto the trailer bed. See figure 4.

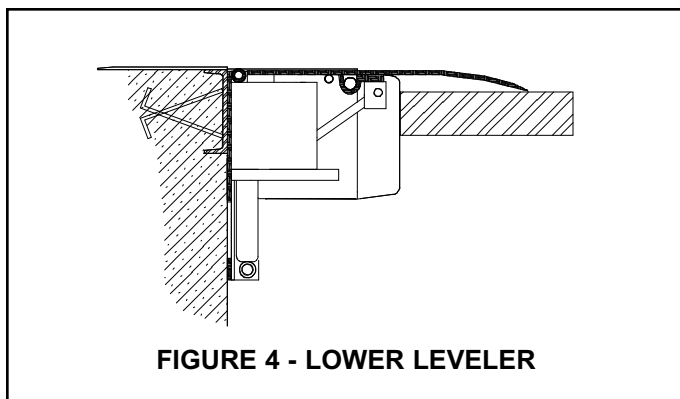


FIGURE 4 - LOWER LEVELER

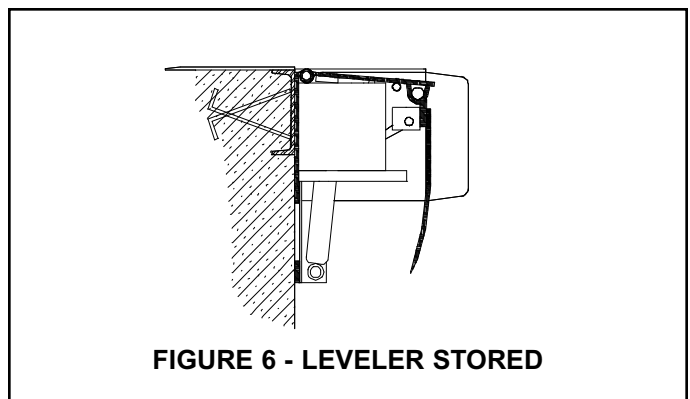


FIGURE 6 - LEVELER STORED

3. Leveler is now ready for use.

MAINTENANCE PROCEDURES

SUGGESTED LEVELER MAINTENANCE

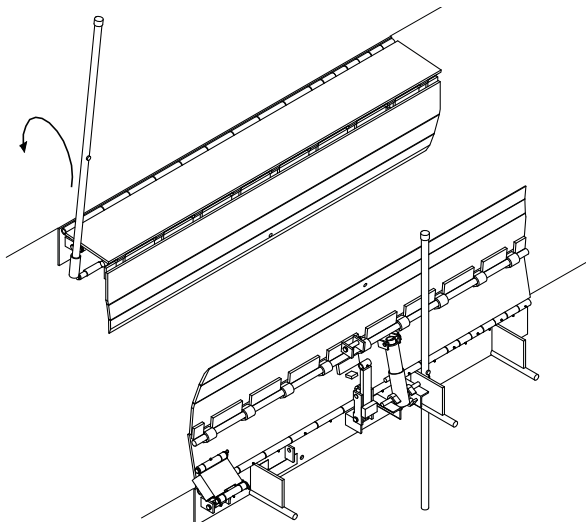
WARNING

Read and obey these instructions to prevent personal injury.

- Post safety warnings and barricade work area, at dock level and at ground level, to prevent unauthorized use of the dock position before maintenance has been completed.
- Make sure to install the maintenance strut before proceeding with any repair work.

CAUTION

The operation handle also serves as a maintenance strut preventing the leveler from rotating onto the maintenance personnel.



To install the strut:

- Rotate the leveler to its rearward position.
- Remove the clevis pin attaching the lip latch to the underside of the lip.

When lifting lip (approx. 110 lbs.) use lifting device (crane). Lifting by hand may cause back injury.

- Rotate the lip up and over. Place the handle in the socket provided.

NOTE:

Follow maintenance procedures below as outlined. Include the specific steps for your leveler model.

NOTE:

Your local RITE-HITE® representative provides a Planned Maintenance Program (P.M.P.) which can be fitted to your specific operation. Call your local representative.

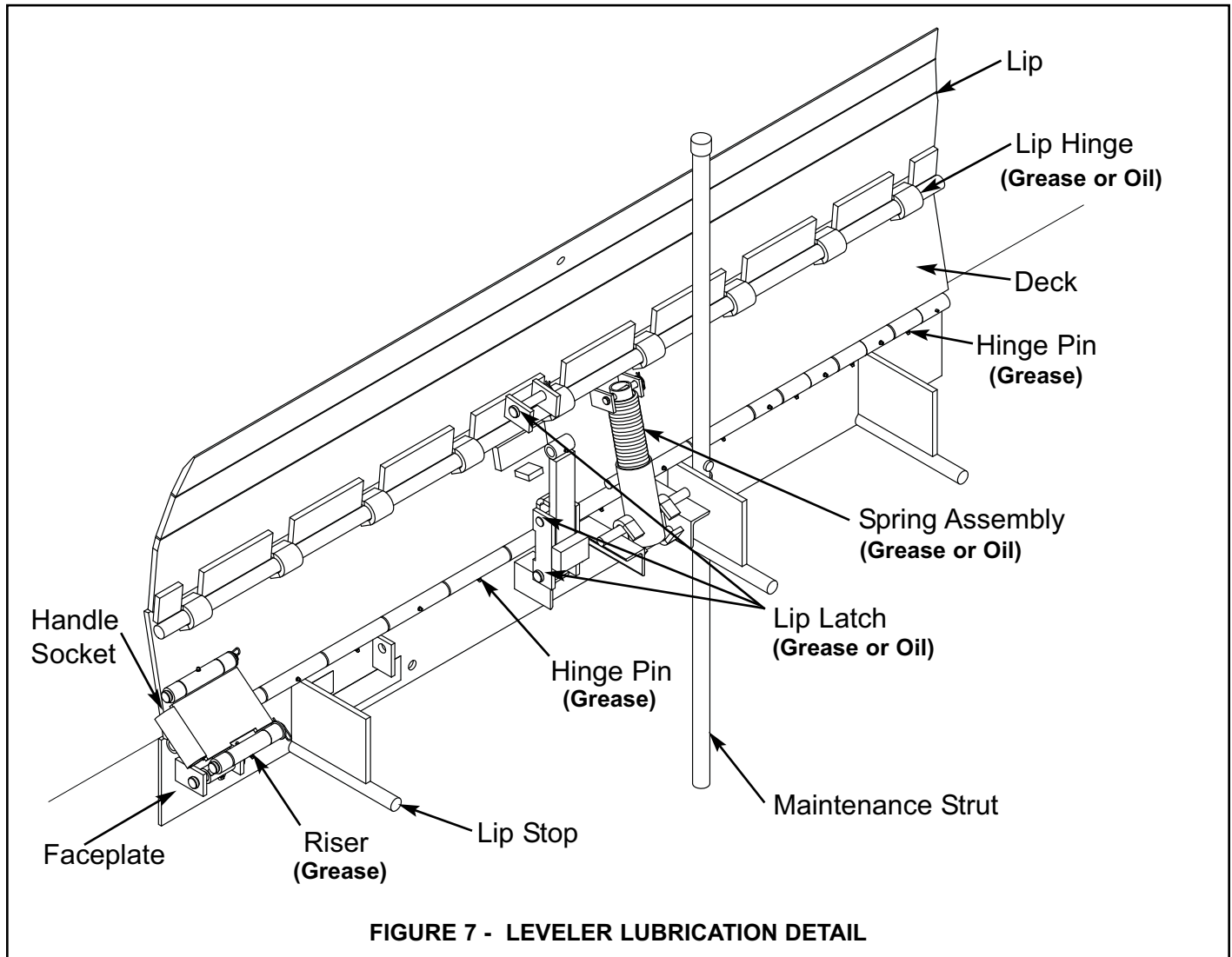
Daily

1. Remove debris on and around leveler. Be sure the hinge section of the lip and the platform is clean.
2. Check unit for proper operation.

30 Days

1. Perform all Daily Maintenance.
2. Inspect all parts. Replace worn or damaged parts.
3. Lubricate joints and hinge supports as required. See figure 7, page 12.
4. Paint rusting surfaces.
5. **Hydraulic Option Only:** Ensure hydraulic power reservoir is filled to 1 inch below full level with MIL-5606 hydraulic fluid.
6. Inspect dock bumpers. Four inches (4") of bumper protection is required. Worn, torn, loose or missing bumpers must be replaced.

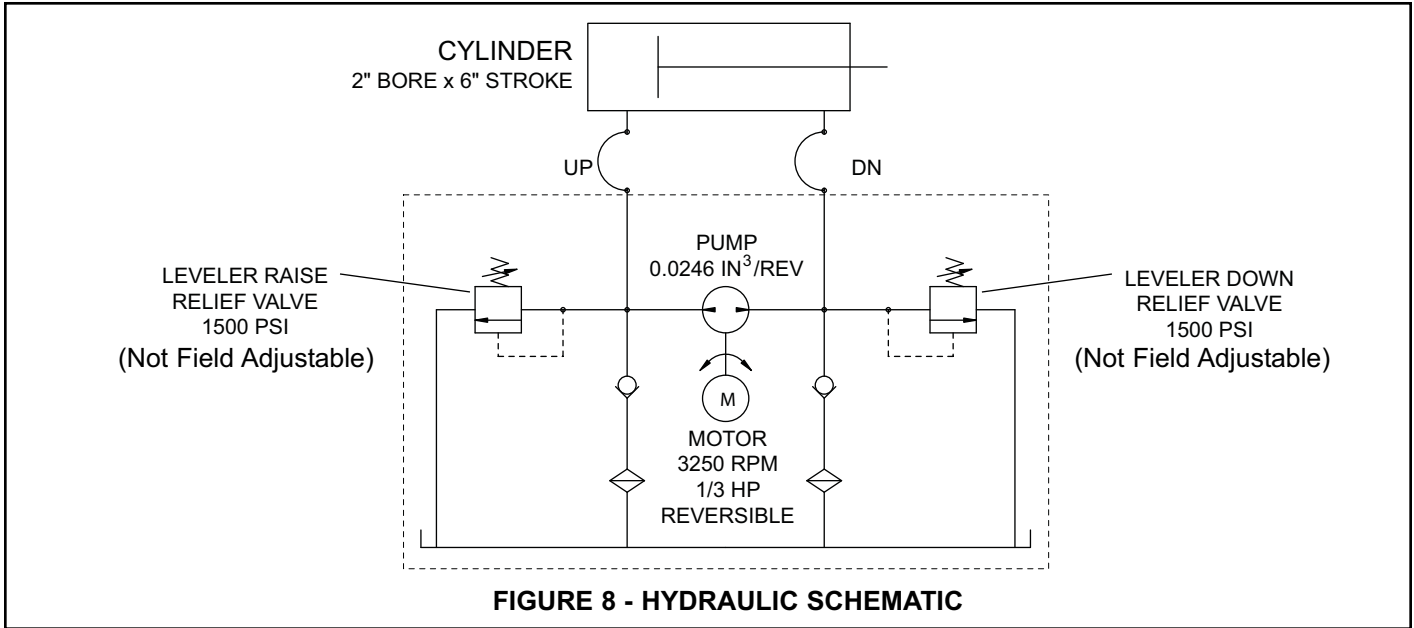
MAINTENANCE PROCEDURES CONT.



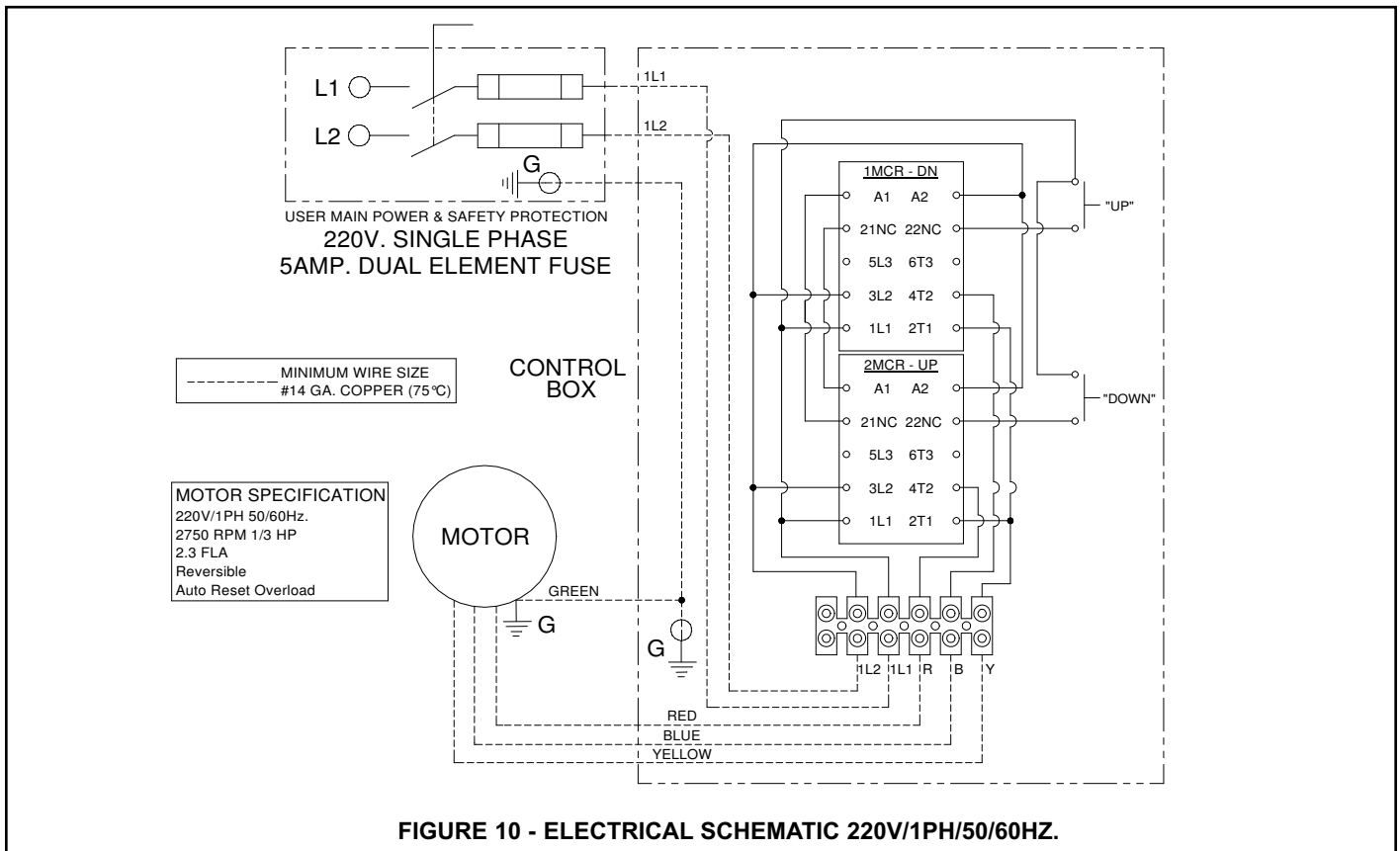
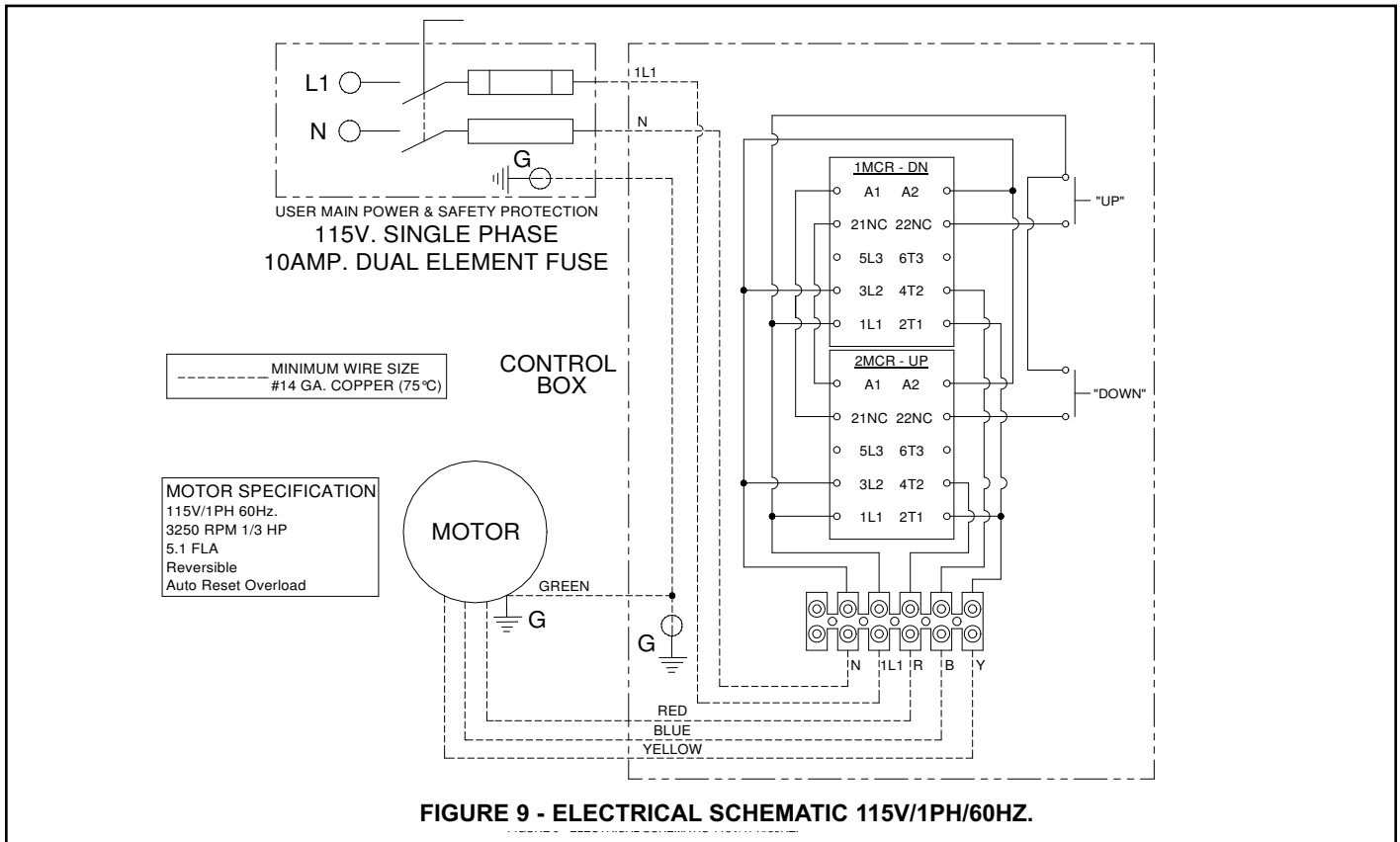
TROUBLESHOOTING

Problem	Probable Cause	Solution
1. Unit does not operate properly.	<ul style="list-style-type: none"> a. Debris is lodged on or around the leveler. b. Hinge point(s) need lubrication. c. Weight on top of deck. 	<ul style="list-style-type: none"> a. Clean out debris on or around leveler. b. Lubricate per figure 7. c. Remove weight from deck.
2. Lip latch does not latch out lip or unlatch.	<ul style="list-style-type: none"> a. Debris is lodged in lip latch. b. Lip latch needs lubrication. 	<ul style="list-style-type: none"> a. Clean out debris from lip latch. b. Lubricate per figure 7.
3. Unit does not operate properly (Hydraulic only).	<ul style="list-style-type: none"> a. Power is disconnected. b. Tripped overload on motor. c. Fuse failure. d. Loose wire. e. Push button not working. f. Hydraulic fluid level is low. g. Low voltage. 	<ul style="list-style-type: none"> a. Verify that power has not been disconnected. b. Allow motor to cool down until overload automatically resets. c. Verify that disconnect fuses or breaker have not failed or tripped. d. Verify that all wire terminations are secure. e. Verify that push buttons and contact blocks/switches are operating properly. f. Check for hydraulic system leaks and for proper fluid level per Maintenance Procedure on page 11. g. Verify voltage while unit is running.

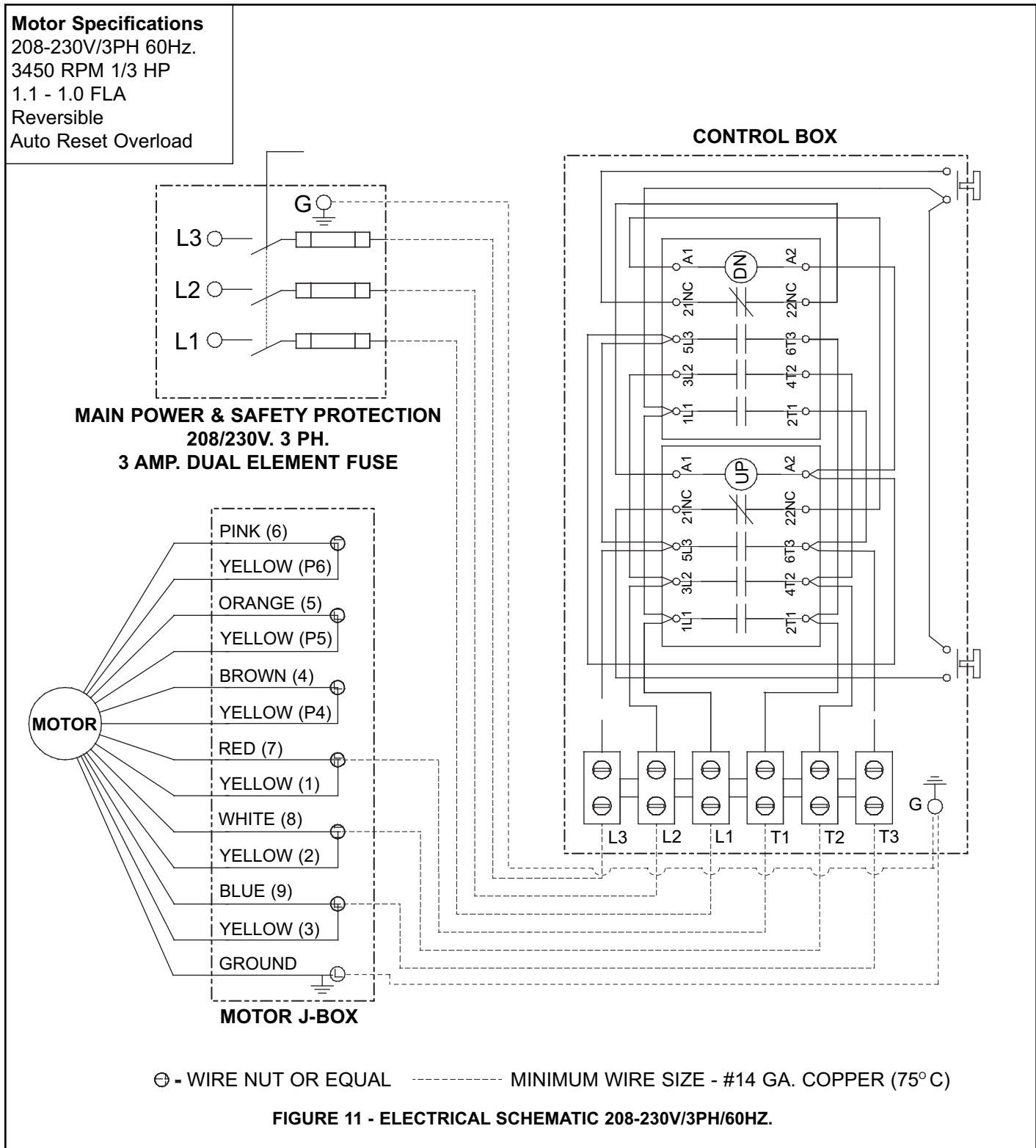
HYDRAULIC OPTION - HYDRAULIC SCHEMATIC



HYDRAULIC OPTION - ELECTRICAL SCHEMATIC



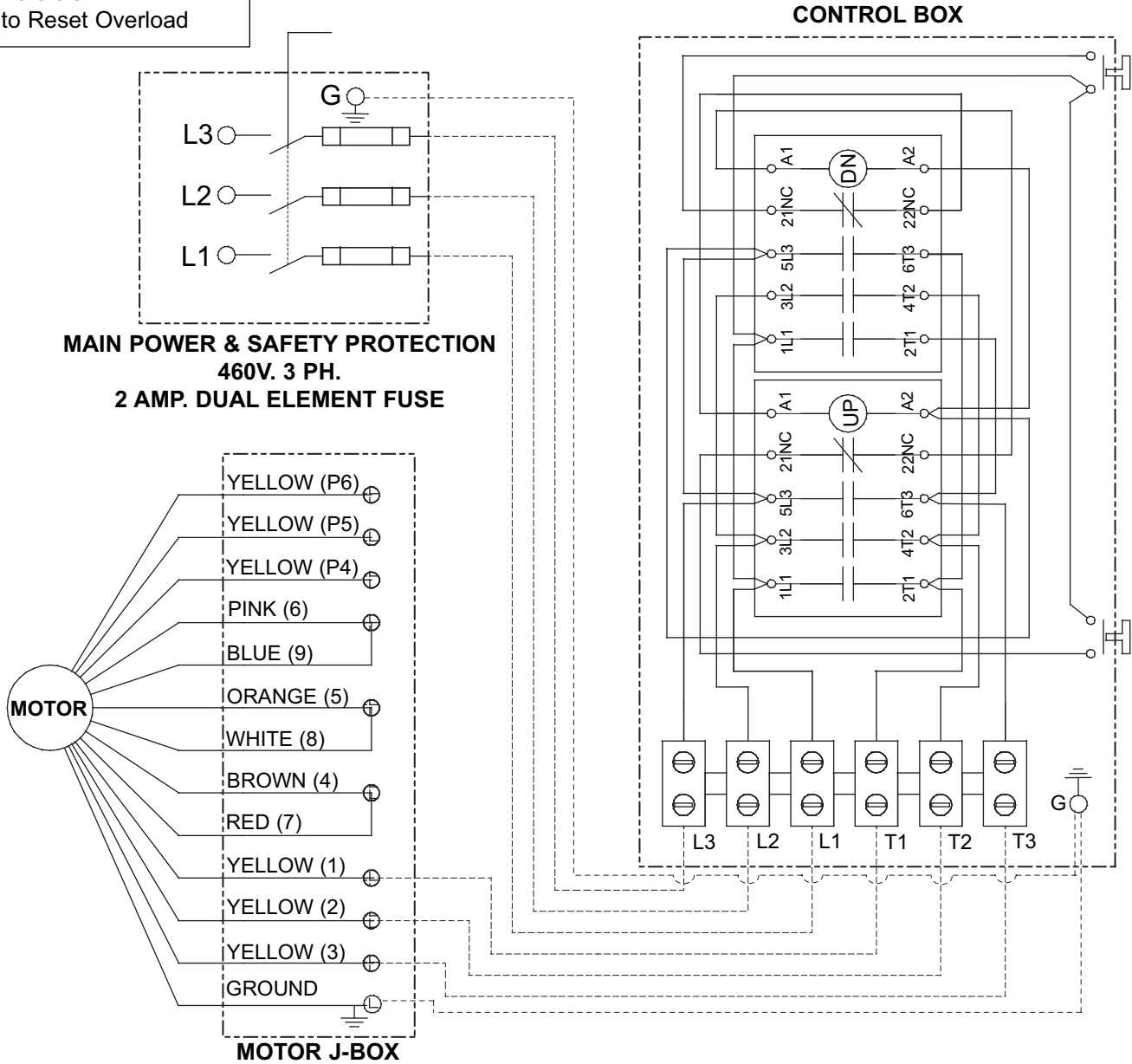
HYDRAULIC OPTION - ELECTRICAL SCHEMATIC



HYDRAULIC OPTION - ELECTRICAL SCHEMATIC

Motor Specifications

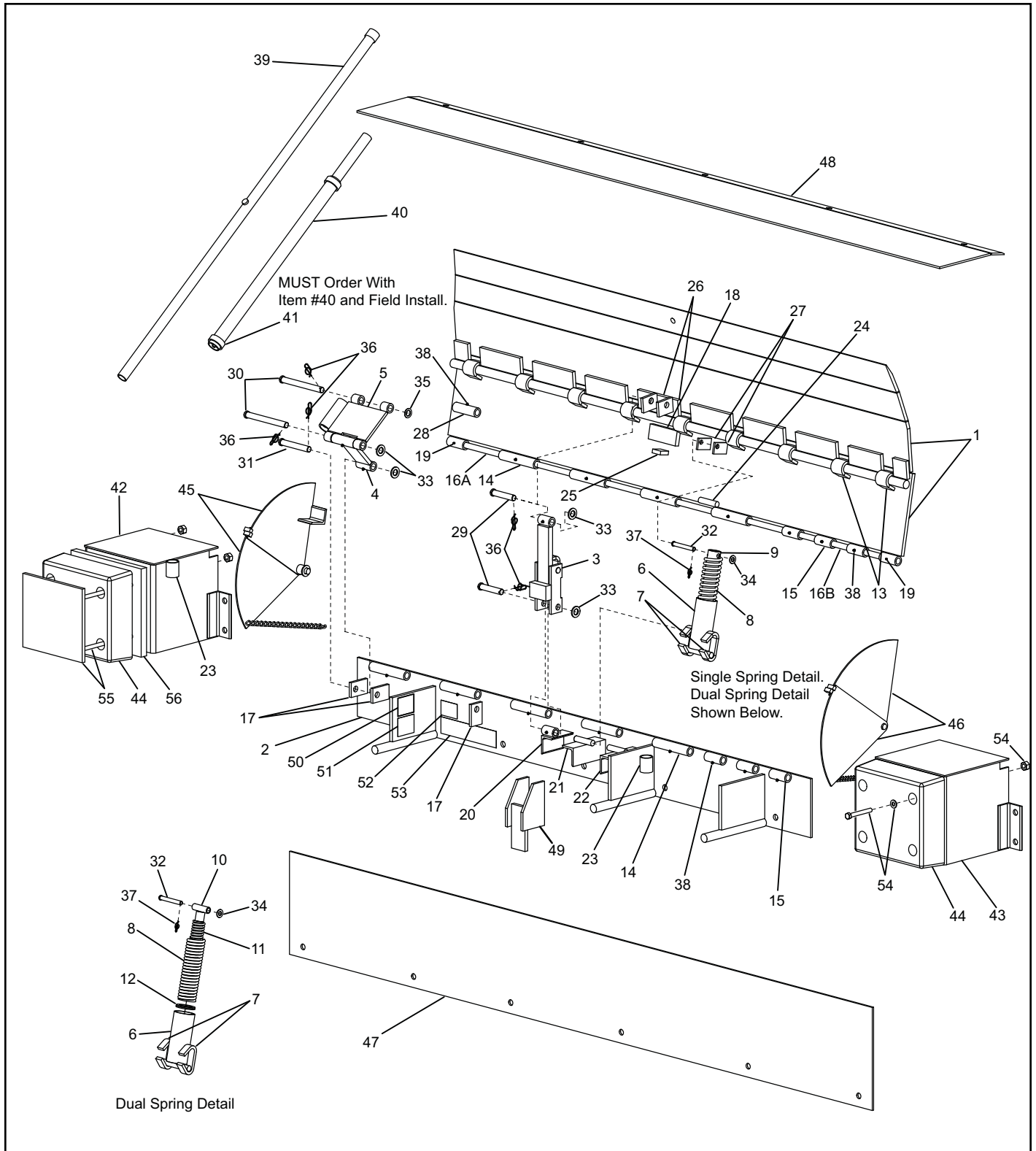
460V/3PH 60Hz.
 3450 RPM 1/3 HP
 0.5 FLA
 Reversible
 Auto Reset Overload



⊕ - WIRE NUT OR EQUAL ----- MINIMUM WIRE SIZE - #14 GA. COPPER (75°C)

FIGURE 12 - ELECTRICAL SCHEMATIC 460V/3PH/60HZ.

REPLACEMENT PARTS



REPLACEMENT PARTS LIST

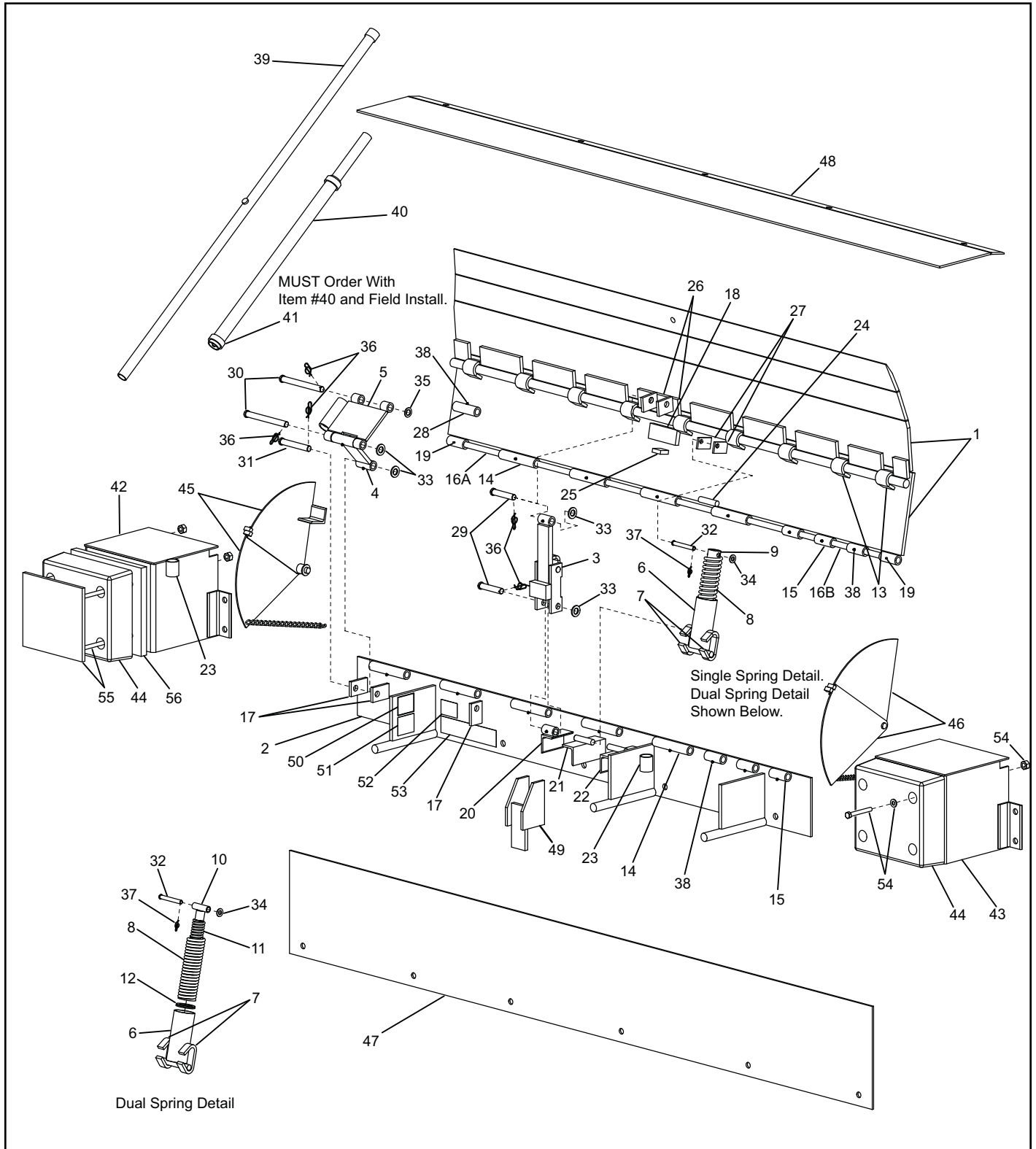
Item	Qty.	Description	RHE3
1	1	Lip & Deck Weldment	648.xxx
2	1	Faceplate Weldment	647.xxx
3	1	Lip Latch - 15" Lip	120058
	1	Lip Latch - 16" Lip	120116
4	1	Lifter Arm - Standard	120237
	1	Lifter Arm - Hydraulic Option	120041
5	1	Riser Weldment - Standard Handle	120113
	1	Riser Weldment - Telescoping Handle	120645
6	1	Spring Canister	120115
7	2	Spring Canister Hook	120053
8	1	Main Compression Spring - Standard	120048
	1	Main Compression Spring - Galvanizing Option	120238
9	1	Main Spring Guide Tube - Single Spring ONLY	120054
10	1	Dual Spring Guide - Dual Spring ONLY	120181
11	1	Secondary Compression Spring - Dual Spring W/O Galvanizing	120178
	1	Secondary Compression Spring - Galvanized Dual Spring	120239
12	*	Spring Adjustment Washers (See Quantity Chart On Page 26)	120050
13	*	Formed Lip Hinge	120074
14	9	Hinge Tube 6.438L	121389
15	*	Hinge Tube 2.938L	121388
16A	1	Hinge Tube Pin - 38.00L - Left	637.101
16B	1	Hinge Tube Pin - 23.50L - Right	637.104
	1	Hinge Tube Pin - 29.50L - Right	637.105
	1	Hinge Tube Pin - 35.50L - Right	637.106
	1	Hinge Tube Pin - 41.50L - Right	637.107
17	3	Riser / Motor Mount Lug	120221
18	1	Lip Lug Stop Plate	125715
19	2	Tension Pin	16070
20	1	Lip Latch Mounting Bracket	120111
21	1	Spring Canister Mounting Bracket - Left	120109
22	1	Spring Canister Mounting Bracket - Right	120110
23	2	Handle Holder Tube	120070
24	1	Stop Round	600.102
25	1	Stop Block	479.102
26	2	Lip Latch Clevis Plates	120082
27	2	Main Spring Clevis Plates	120078
28	1	Riser Deck Mount Tube	120042
29	2	Clevis Pin .75 x 3.75L Hole HD ZP	120268
30	2	Clevis Pin .75 x 7.25L Hole HD ZP	120047
31	1	Clevis Pin .75 x 5L Hole HD ZP	120065
32	1	Clevis Pin .5 x 3.75L Hole HD ZP	120064

NOTE 1:

Call the factory for the following: Approach Ramps, Lip & Deck weldment parts for a 2" Cart Stop EOD, Bumper options, any part number ending in ".xxx", and as noted above.

* Quantities vary

REPLACEMENT PARTS CONTINUED



REPLACEMENT PARTS LIST

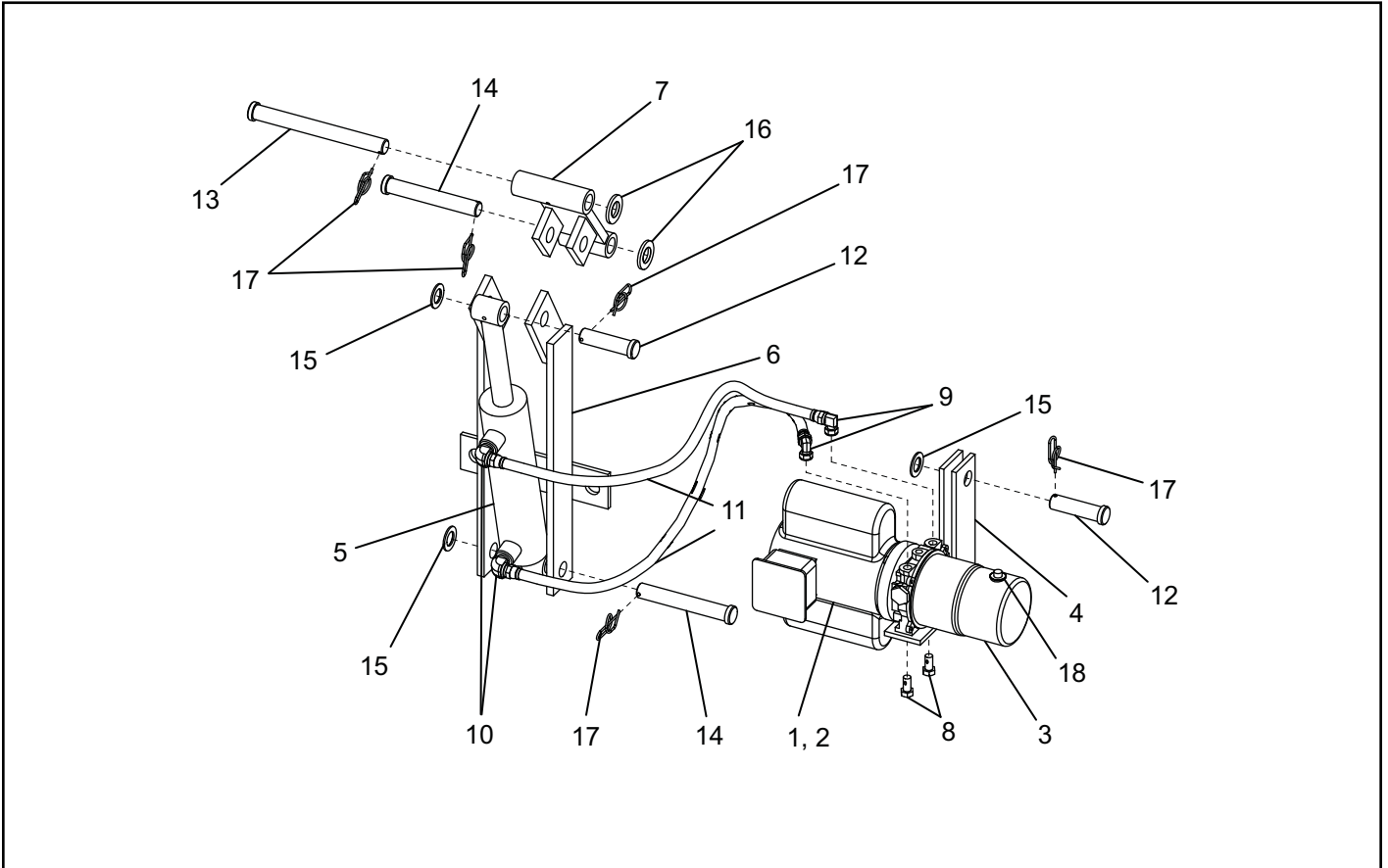
Item	Qty.	Description	RHE3
33	4	Washer .750 SAE ZP LOW	51716
34	1	Washer .500 FLAT MED ZP	51709
35	1	Washer 1.25OD x .75ID x .075 Thick ZP	120390
36	5	Rue Ring Pin .75 HVY ZP	120084
37	1	Rue Ring Pin .5 HVY ZP	120274
38	*	Grease Fitting	51169
39	1	Operational Handle - Standard	120633
	1	Operational Handle - Heavy Duty Handle Option	121114
40	1	Telescoping Operational Handle - Option	120642
41	1	Telescoping Handle Install Tube - Telescoping Handle Option	120753
42	1	Bumper Block Assembly (Includes Pad) W/Holder	626.xxx
43	1	Bumper Block Assembly (Includes Pad) W/O Holder	624.xxx
44	2	Rubber Bumper Pad - 12 x 13 Bumper	09948
	2	Rubber Bumper Pad - 10 x 18 Bumper	09949
	2	Rubber Bumper Pad - 12 x 14 Bumper	120099
45	1	Toeguard - Left - Toeguard Option ONLY	122646
46	1	Toeguard - Right - Toeguard Option ONLY	122647
47	1	Dock Faceplate - Dock Faceplate Option	120249
48	1	Transition Plate (Flat) - Transition Plate Option	625.xxx
	1	Transition Plate (Bend) - Transition Plate Option	629.xxx
	1	Transition Plate (Chamfer) - Transition Plate Option	630.xxx
	1	Transition Plate (Bend & Chamfer) - Transition Plate Option	631.xxx
49	1	Lip Stop Weldment - Lip Stop Option (PIT ONLY!)	120205
50	1	Decal serial Number/Model	120569
51	1	Decal Patent	018391
52	1	Decal Made In USA	120750
53	1	Decal RITE-HITE	054100
54	1	Bumper Bolt Kit (4 Per Pack)	121136
55	2	Steel Bumper Face Plate - 12 x 13 Bumper	120187
	2	Steel Bumper Face Plate - 10 x 18 Bumper	120189
56	2	Steel Bumper Face Plate - 12 x 24 Bumper	120191
	2	Rubber Spacer Pad - 12 x 13 Bumper	120248
	2	Rubber Spacer Pad - 10 x 18 Bumper	121224
	2	Rubber Spacer Pad - 12 x 24 Bumper	121225

NOTE 1:

Call the factory for the following: Approach Ramps, Lip & Deck weldment parts for a 2" Cart Stop EOD, Bumper options, any part number ending in ".xxx", and as noted above.

* Quantities vary

HYDRAULIC OPTION REPLACEMENT PARTS

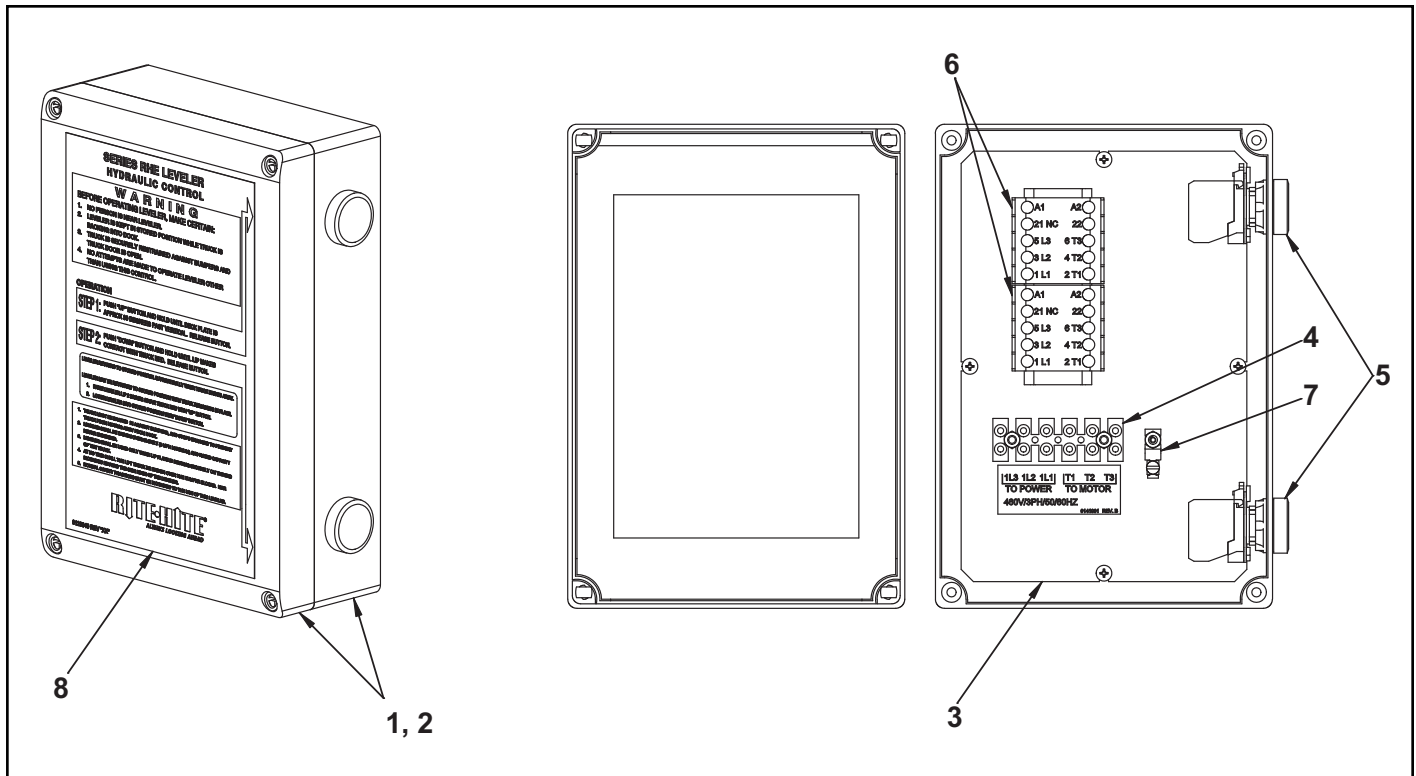


HYDRAULIC OPTION REPLACEMENT PARTS LIST

Item	Qty.	Description	RHE3
1	1	Powerunit 115/1/60 .33HP - 3 Wire	120730
	1	Powerunit 220/1/50-60 .33HP - 3 Wire	120731
	1	Powerunit 208-230/460/3/60 .33HP	120732
2	1	Motor 115/1/60 .33HP - 3 Wire	120736
	1	Motor 220/1/50-60 .33HP - 3 Wire	120798
	1	Motor 208-230/460/3/60 .33HP	120737
3	1	Pump With Tank	121040
4	1	Bracket Motor	120735
5	1	Hydraulic Cylinder	120785
6	1	Cylinder Link Weldment	120734
7	1	Lifter Arm Hydraulic	120041
8	2	Bolt .375-16 x .750	122979
9	2	90 Degree Elbow Fitting SAE(M) JIC(M)	16920
10	2	90 Degree Elbow Fitting .38NPT ZP	121124
11	1	Hose Assembly - UP	120684
	1	Hose Assembly - DOWN	120684
12	2	Clevis Pin	120733
13	1	Clevis Pin	120047
14	2	Clevis Pin	120065
15	3	Washer 1.25OD .75ID .075 THK ZP	120390
16	2	Washer .750 SAE ZP LOW	51716
17	5	Rue Ring Pin / Cotter Pin	120084
18	1	Breather Plug	124314

CONTROL BOX REPLACEMENT PARTS

HYDRAULIC OPTION



Item	Qty.	Description	RHE3
1	1	Control Box 460V/3/50-60Hz	121103
1	1	Control Box 208-230V/3/50-60Hz	121104
1	1	Control Box 115V/1/60Hz	140970
1	1	Control Box 220V/1/50-60Hz	140973
2	1	Enclosure	121148
3	1	Back Panel Assembly 115V/1	141002
3	1	Back Panel Assembly 220V/1	141003
3	1	Back Panel Assembly 208-230V/3	123041
3	1	Back Panel Assembly 460V/3	123042
4	1	Terminal Block - 6 Conductor	121152
5	2	Push Button Assembly	145488
6	2	Contactor - 120V/1/50-60Hz	121172
6	2	Contactor - 208-230V/3/50-60Hz	121155
6	2	Contactor - 460V/3/50-60Hz	121156
7	1	Ground Lug	55902
8	1	Control Box Cover Decal	123040

SPRING ADJUSTMENT WASHER QUANTITY CHART

Recommended Number Of Spring Adjustment Washers (Item #12, page 19)

Width & Cap.	Lip	
	12" Projection 15" & 19" Lip Length	14" Projection 16" & 20" Lip Length
66W 20K	0	4
66W 30K	4	5
66W 40K	3	3
72W 20K	3	4
72W 30K	4	0
72W 40K	0	0
78W 20K	3	0
78W 30K	1	3
78W 40K	3	3
84W 20K	3	2
84W 30K	4	5
84W 40K	5	5

NOTES

NOTES

RITE-HITE STANDARD WARRANTY

Rite-Hite warrants that its products will be free from defects in design, materials, and workmanship for a period of 365 days from the date of shipment. All claims for breach of this warranty must be made within 30 days after the defect is or can, with reasonable care, be detected and in no event no more than 30 days after the warranty has expired. In order to be entitled to the benefits of this warranty, the products must have been properly installed, maintained, and operated within their rated capacities and/or specified design parameters, and not otherwise abused. Periodic lubrication and adjustment is the sole responsibility of the owner. This warranty is Rite-Hite's exclusive warranty. RITE-HITE EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. Non-standard warranties, if any, must be specified by Rite-Hite in writing.

In the event of any defects covered by this warranty, Rite-Hite will remedy such defects by repairing or replacing any defective equipment or parts, bearing all the costs for parts, labor, and transportation. This shall be the exclusive remedy for all claims whether based on contract, negligence, or strict liability.

LIMITATION OF LIABILITY

RITE-HITE SHALL NOT IN ANY EVENT BE LIABLE FOR ANY LOSS OF USE OF ANY EQUIPMENT OR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, WHETHER FOR BREACH OF WARRANTY, NEGLIGENCE, OR STRICT LIABILITY.



Global Sales & Service Office:

RITE-HITE
8900 N. Arbon Drive
P.O. Box 245020
Milwaukee, Wisconsin 53224

Phone: 414-355-2600
1-800-456-0600
www.ritehite.com

Representatives in all Major Cities