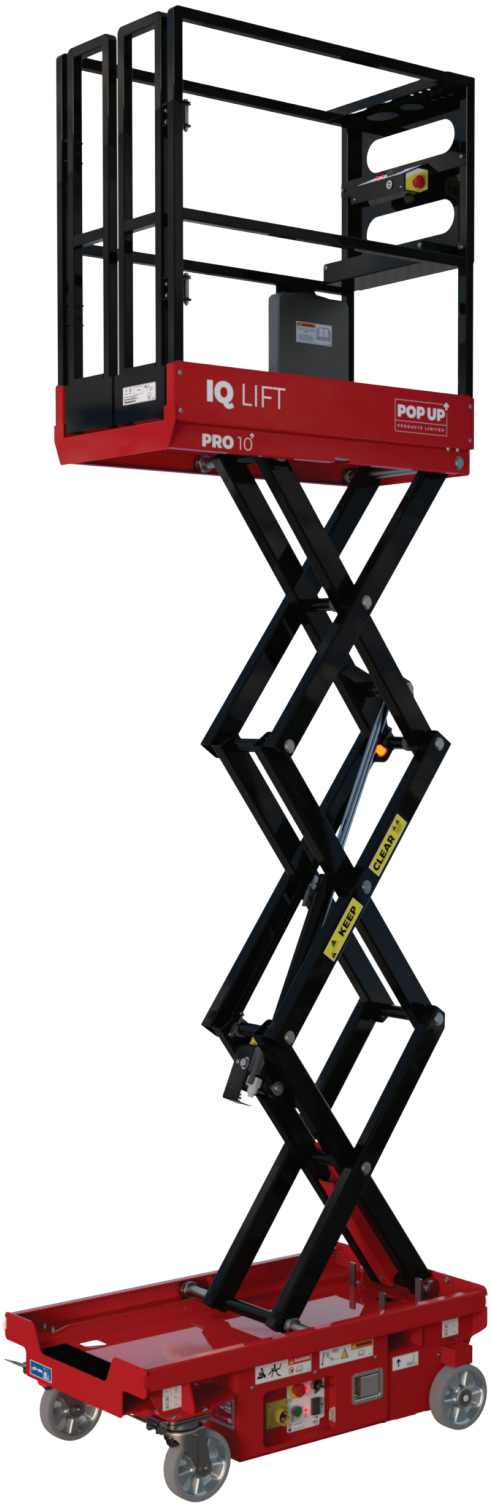
POP UP PRODUCTS LIMITED

MAINTENANCE & TROUBLESHOOTING HANDBOOK

PUSH-AROUND MOBILE ELEVATING WORK PLATFORM

IQ LIFT



PRO 10

SN: E21-15001+

SUPO-759
REV C

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NOTES

FOREWARD

Original instructions are written in English.

The purpose of this Maintenance & Troubleshooting Handbook is to provide qualified service personnel with information for servicing and maintaining the IQ Lift. All information in this handbook must be read and understood before any attempt is made to service this machine.

The Operation & Safety Handbook is considered a part of the work platform and contains instructions and operating procedures essential to properly and safely operate the IQ Lift. Users must read and understand all information in the Operation & Safety Handbook before operation.

THE OPERATION AND SAFETY HANDBOOK MUST BE READ AND UNDERSTOOD PRIOR TO OPERATING THE MACHINE.

- The user/operator should not accept operating responsibility until the handbook has been read and understood as well as having operated the machine under supervision of an experienced and qualified operator.
- Because the manufacturer has no direct control over machine application and operation, proper safety practices are the responsibility of the user and all operating personnel.

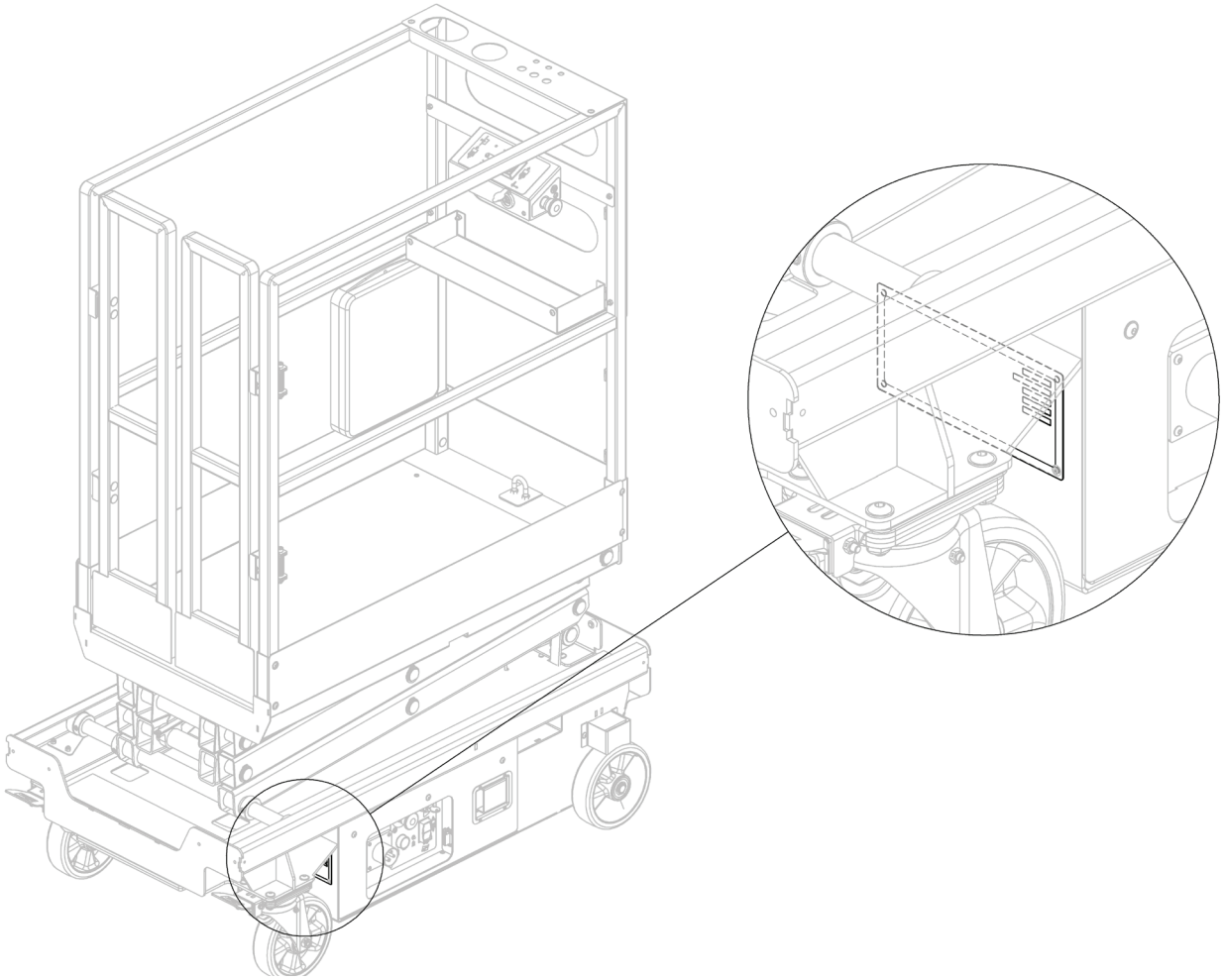
ANY MODIFICATION OF THIS MACHINE WITHOUT THE EXPRESS WRITTEN CONSENT OF THE MANUFACTUER IS PROHIBITED.

If there is a question about application, operation, and/or maintenance, contact:

Pop Up Products Limited
Unit E1, Tenth Avenue
Deeside Industrial Park
Deeside
Flintshire
CH5 2UA

Tel. +44(0) 1244 833 933
E-mail - support@popupproducts.co.uk
Web - popupproducts.co.uk

Serial Number Location



When contacting Pop Up Products for service or parts information, be sure to include the MODEL and SERIAL NUMBER. The serial number plate is located in the rear right wheel well. Should the nameplate be missing, there is an additional serial number label located inside the chassis.

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1.1 | SAFETY SYMBOLS

Warnings and instructions that have a direct impact on safety are identified with the following signals:

FAILURE TO FOLLOW THIS WARNING WILL CAUSE DEATH OR PERSONAL INJURY.

"DANGER" indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.

FAILURE TO FOLLOW THIS WARNING MAY CAUSE DEATH OR PERSONAL INJURY.

"WARNING" indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury

FAILURE TO FOLLOW THIS WARNING MAY CAUSE INJURY OR DAMAGE TO EQUIPMENT.

"CAUTION" indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury or damage to equipment

1.2 | GENERAL RULES AND PRECAUTIONS

An operator of any type of work platform is subject to certain hazards that cannot be protected by mechanical means. It is therefore essential that operators be competent, careful, physically and mentally fit, and thoroughly trained in safe operation of this machine. It is the responsibility of the owner to instruct operators with the safety requirements made not only in this handbook, but by the various safety bodies in your area, as well as additional requirements set forth by relevant MEWP standards. If you come across a situation that you think might be unsafe, stop the platform and request further information from qualified sources before proceeding.

WARNING

NEVER REACH BETWEEN SCISSORS LINKS OR PROP UP PLATFORM.

Maintenance Lock

The maintenance lock must be placed into position whenever the machine is being serviced in a partially raised position. Serious injury and/or death could result if maintenance lock is not used properly.

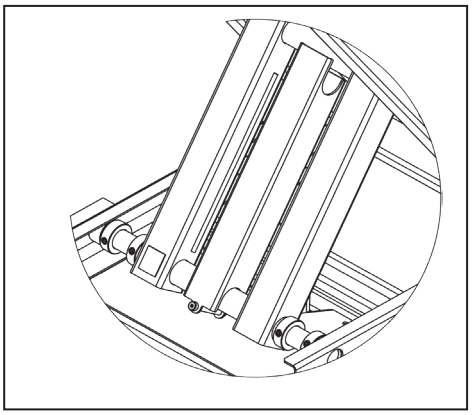


FIGURE 1: Maintenance Lock Stowed

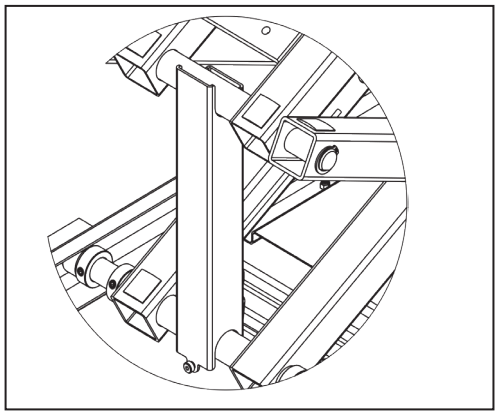


FIGURE 2: Maintenance Lock In Use

WARNING

FAILURE TO COMPLY WITH THE LISTED SAFETY PRECAUTIONS MAY RESULT IN MACHINE DAMAGE, PERSONNEL INJURY, OR DEATH.

Other Guidelines

ALWAYS	observe and obey all warnings and cautions on machine and in handbook.
ALWAYS	shut off all power controls before making any adjustments, lubricating or performing any other maintenance.
ALWAYS	disconnect battery during replacement of electrical components.
ALWAYS	remove all rings, watches, and jewelry when performing any maintenance.
ALWAYS	keep oil, grease, water, etc. wiped from standing surfaces and handholds.
ALWAYS	keep all support equipment and attachments stowed in their proper place.
ALWAYS	use only approved nonflammable cleaning solvents
NEVER	work under an elevated platform until maintenance locks have been engaged.
NEVER	wear long hair unrestrained or loose fitting clothing and neckties which may become caught on or entangled in equipment.

After maintenance, inspect the machine as described in the Pre-Delivery Inspection Checklist.

2.1 | CHARGING THE BATTERY

This unit is equipped with either a deep cycle 12-volt AGM maintenance-free battery or a deep cycle Group 27 battery.

Batteries should be fully charged after each use. Opportunity charging can be done but the batteries should be fully charged at least every other day if they are used daily. Charge in a ventilated area as gases may be released through the pressure relief valve if the batteries are excessively over-charged.

NOTE: The surrounding temperature greatly affects the power reserve within a battery.

EXAMPLE: A battery that is 100% charged at 27°C drops to 65% at 0°C. At -18°C, this battery will drop to 40% efficiency.

BATTERIES GENERATE EXPLOSIVE GASES. KEEP SPARKS AND FLAME AWAY FROM BATTERIES. DO NOT SMOKE WHILE CHARGING.

To charge the battery:

- Park the machine on a level surface.
- Plug charger into AC outlet until charged.
- For best battery life, leave charger plugged in until machine will be used again. The charger will maintain the battery charge.

DO NOT OPERATE UNIT WHILE CHARGING.

NEVER ADD ACID TO BATTERY!

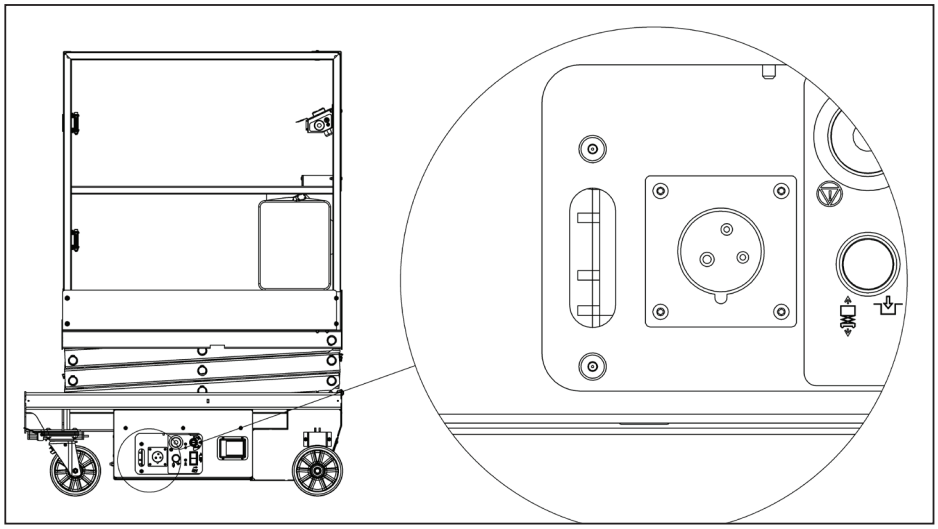


FIGURE 3: Battery Charge Location

Battery Charge Light Display

POWER	BATTERY 1 STATUS	
	CHARGING	READY
Green LED (ON)	Red LED (OFF)	Green LED (ON)

This display indicates that the power is on but there is no connection to a battery. The charger must see approximately five (5) volts on a battery to deliver D/C current.

POWER	BATTERY 1 STATUS	
	CHARGING	READY
Green LED (ON)	Red LED (ON)	Green LED (OFF)

This display indicates that power is on and that both outputs are delivering D/C current to the batteries.

POWER	BATTERY 1 STATUS	
	CHARGING	READY
Green LED (ON)	Red LED (OFF)	Green LED (ON)

This display indicates that power is on and that the output is finished charging and is in a float maintenance model.

2.2 | BATTERY MAINTENANCE AGM BATTERIES

Battery cycle life will vary significantly depending on the depth of discharge. The deeper the depth of discharge the fewer cycles a battery will deliver. Conversely, the shallower the depth of discharge the more cycles a battery will deliver. To optimize the health of your battery, limit discharge to 80%.

The performance and life of a battery will vary with application, usage, temperature and depth of discharge. AGM batteries tend to deliver higher than their rated capacity (up to 10-15% higher) for -30 cycles until they are "broken in" and settle at their rated capacity.

Operating batteries above 27°C will yield runtimes above the rated capacity and operating batteries below 27°C will yield runtimes below the rated capacity. Cold temperatures can significantly reduce battery capacity. Although higher temperatures increase the battery capacity they also accelerate corrosion and reduce overall battery life.

2.3 | BATTERY MAINTENANCE WET CELL BATTERIES

If this unit is equipped with a deep cycle 12-volt Group 27 battery, the care and maintenance of your battery has much to do with how well this unit functions. Battery wiring and water level should be checked monthly. Do not overfill. When the cells are too full, fluid will seep out when charging. The solution is at its proper strength when the battery is manufactured. Use distilled water and keep fluid up to proper level. When required, water should be added to battery after charging, unless water level is below the plates.

- Slide cabinet open to access battery.
- Remove battery caps and check fluid level.
- Fill each cell (if needed) to split ring with distilled water.
- Reinstall caps.
- Wash all dirt, debris, acid, etc., off battery whenever corrosion is detected. Use a solution of 5ml baking soda per 0.95 liters of warm water.
- Coat terminals with a commercially available coating.
- Close cabinet and latch in place.

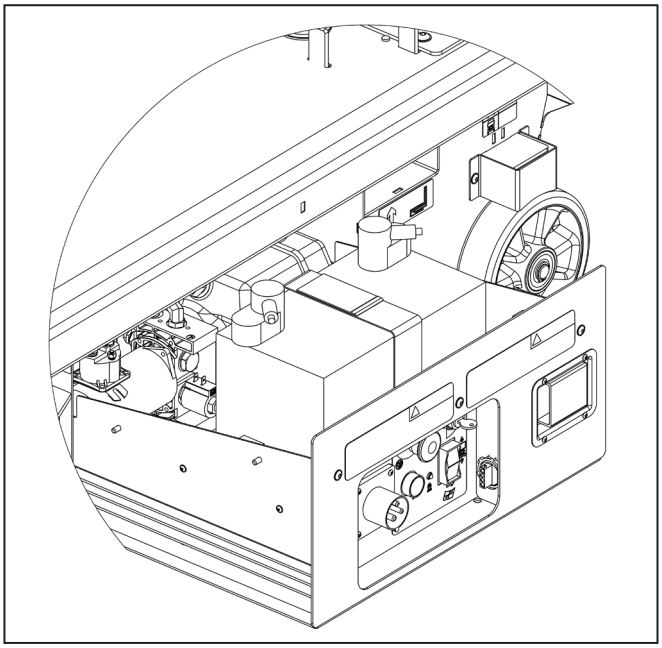


FIGURE 4: Battery Location

2.4 | LUBRICATION

Item	Specification	Frequency of Lubrication
Clyinder	Standard Machine Grease	Monthly

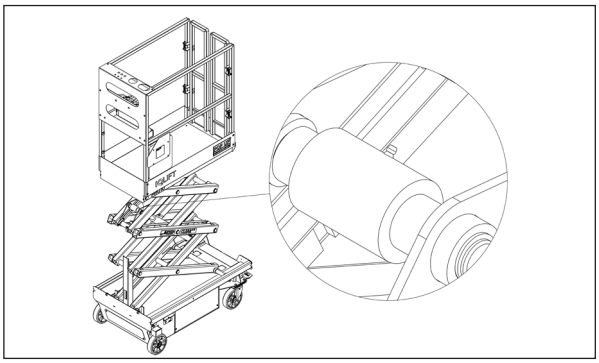


FIGURE 5: Cylinder Grease Points

2.5 | COMPONENTS REQUIRING ADJUSTMENT

Under normal use, no components should require adjustment. Contact the manufacturer if adjustments are required.

2.6 | EXAMINATION, REPAIR, REPLACEMENT OF LIMITED LIFE COMPONENTS

With proper use, regular battery charging, and regular inspection, there are no limited life components that require routine replacement.

2.7 | SAFETY DEVICES AND SYSTEMS REQUIRING CHECKS

Check safety functions as part of daily inspection:

Refer to the Pre-Start Inspection Checklist included in this and in the Operations & Safety Handbook.
- Emergency Stop
- Enable Buttons
- Emergency Lowering
- Automatic Brakes
- Tilt Interlock

Check that the machine will not elevate if overloaded as part of routine inspection.
(Refer to the Pre-delivery/Annual Checklist included in this handbook.)

2.8 | STORAGE

After periods of storage, exposure to extremes of ambient conditions-heat, cold, moisture, dust etc. inspect the machine. Batteries will need to be charged. Refer to the Pre-Delivery/ Frequent Inspection Checklist in this handbook.

2.9 | MAJOR ALTERATIONS OR REPAIRS

Any alterations must be approved by the manufacturer. Major repairs, which affect the stability, strength, or performance of the machine must also be approved by the manufacturer, recorded, and include machine inspection and testing. Never attach pipe racks, material lifting devices, or make any other alteration that is not part of the intended design of the machine.

3.1 | INSPECTION & MAINTENANCE SCHEDULE

Regular inspection and conscientious maintenance is important to efficient economical operation of this machine. It will help to assure that equipment will perform satisfactorily with a minimum of service and repair.

Frequency and extent of periodic examinations may depend on national regulations.

Inspection/Maintenance	Frequency
Pre-Start Inspection	Daily
Battery (Wet Cell Batteries Only)	Monthly
Cylinder Lubrication	Monthly
Check Hydraulic Fluid Level	Monthly
Pre-Delivery Inspection	Annually (or as needed)
Contact the manufacturer for additional information	After major alterations or repairs which affect stability, strength or performance.

FAILURE TO PERFORM INSPECTIONS AND PREVENTATIVE MAINTENANCE AT RECOMMENDED INTERVALS MAY RESULT IN THE UNIT BEING OPERATED WITH A DEFECT THAT MAY RESULT IN INJURY OR DEATH OF THE OPERATOR.

The following inspection checklists are required and included in this handbook:

- Pre-Start (Required before operation at each work shift)
- Pre-Delivery/Annual (Required at intervals not more than twelve months. This checklist may also be used when a Frequent (every 3 months) Inspection is needed, or after periods of storage.

MAINTENANCE ACCESS

The control tray can be opened for routine inspection (checking hydraulic fluid level, batteries, etc.) . If additional access is needed, the side panel may be removed.

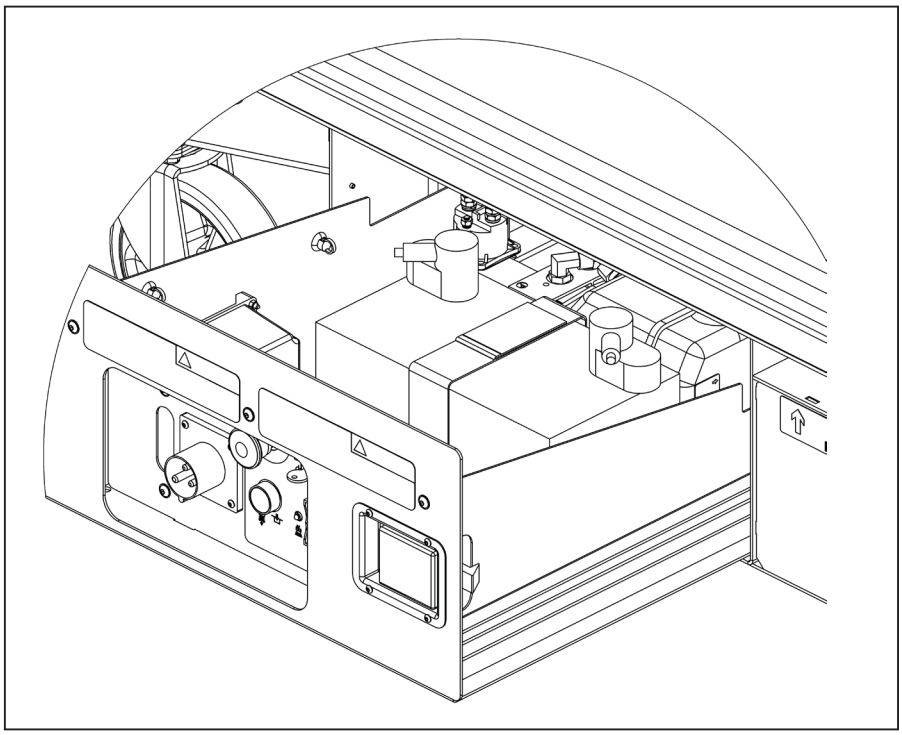


FIGURE 6: Control Tray Access

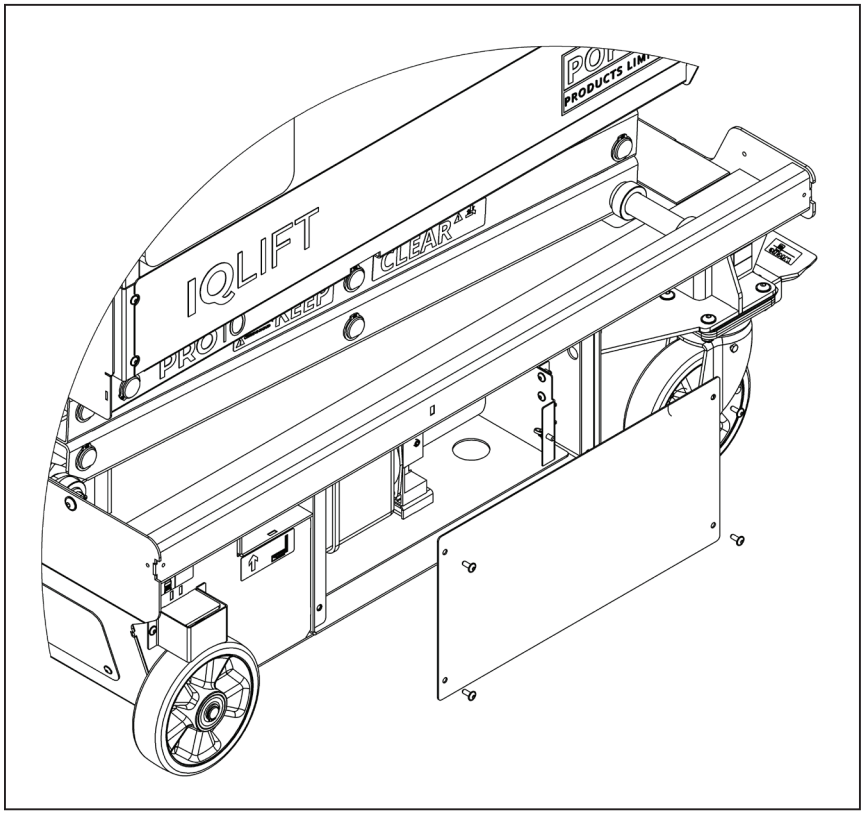


FIGURE 7: Side Access

3.2 | INSPECTION CHECKLIST: PRE-DELIVERY/ANNUAL/FREQUENT

CAUTION

MOBILE ELEVATING WORK PLATFORMS SHALL BE INSPECTED, SERVICED, AND ADJUSTED TO MANUFACTURER'S REQUIREMENTS BY A QUALIFIED MECHANIC PRIOR TO EACH SALE, LEASE, OR RENTAL, AND ANNUALLY, OR AS REQUIRED BY NATIONAL REGULATIONS.

Model:_____ Serial Number:_____

- Check each item listed below.
- Use proper operating, service, and maintenance handbook for specific information and settings
- If an item is found to be unacceptable make the necessary repairs and check the "repaired" box.
- When all items are "acceptable", the unit is ready for service.
- If an item is found to be unacceptable, make the necessary repairs and check the "repaired" box. When all items are "acceptable," the unit is ready for service.

Y — Yes/Acceptable N — No/Unacceptable R — Repaired

BASE:	Y	N	R	PLATFORM:	Y	N	R
Overall visual check: no deterioration (corrosion, cracking, abrasion, etc.)	☐	☐	☐	Overall visual check: no deterioration (corrosion, cracking, abrasion, etc.)	☐	☐	☐
Inspect slide tracks for damage	☐	☐	☐	All rails in place/secure	☐	☐	☐
Wheels: Bolts/Nuts Tight	☐	☐	☐	No bent rails	☐	☐	☐
Pump Secure	☐	☐	☐	No broken welds	☐	☐	☐
Battery Hold Downs Secure	☐	☐	☐	Entrance gate closes freely	☐	☐	☐
Battery Fully Charged Check battery Voltage: <12.5V, charge.	☐	☐	☐	Anchorage point and the supporting platform floor are secure and not deformed.	☐	☐	☐
Hydraulic Oil Level	☐	☐	☐	Cables in place/secure	☐	☐	☐
Check all hydraulic hoses for leaks	☐	☐	☐	FUNCTIONS:	Y	N	R
Check all hydraulic fittings for leaks	☐	☐	☐	Elevate/Lower Operational (Upper & Lower Ctl)	☐	☐	☐
Front and Rear wheels rotate freely	☐	☐	☐	Key Switch Breaks Circuits	☐	☐	☐
Automatic Brakes: Operational	☐	☐	☐	Emergency Stop Breaks Circuits (Upper & Lower Ctl)	☐	☐	☐
Parking Brakes: Operational	☐	☐	☐	Emergency Down Operational	☐	☐	☐
Inspect Springs & Sensor Behind Cover	☐	☐	☐	Motion Alarms Functional	☐	☐	☐
All Shields/Guards in place	☐	☐	☐	When beginning to elevate, overload light and alarm activate. Then, if not overloaded, allows elevation to continue, and light and alarm stop.			
SCISSORS	Y	N	R	When overloaded more than 120% of the rated capacity, platform stops elevating.	☐	☐	☐
Overall visual check: no deterioration (corrosion, cracking, abrasion, etc.),	☐	☐	☐	OTHER:	Y	N	R
No Broken Welds or Bent Beam Members	☐	☐	☐	Switches & contact blocks secure	☐	☐	☐
Ret. Rings Secure on Pivots	☐	☐	☐	Tight on terminals (no loose wiring)	☐	☐	☐
Maintenance Lock: In storage location	☐	☐	☐	Battery Charger Secure / Operational	☐	☐	☐
All rollers turn freely	☐	☐	☐	Decals Legibile & Properly Placed	☐	☐	☐
				Correct capacity noted	☐	☐	☐
				Operator / Service Handbook Included	☐	☐	☐

COMMENTS:

Date:_____ Inspected by:_____

PLEASE DUPLICATE THIS PAGE AS NEEDED FOR YOUR OWN USE.

3.3 | INSPECTION CHECKLIST: PRE-START

Pre-start Inspection (Push-Around Models)

WARNING

THIS CHECKLIST MUST BE USED AT THE BEGINNING OF EACH SHIFT OR AFTER EVERY SIX TO EIGHT HOURS OF USE. FAILURE TO DO SO COULD AFFECT THE SAFETY OF THE OPERATOR.

Model:_____ Serial Number:_____

- Keep inspection records up-to-date.
- Record and report all discrepancies to your supervisor.
- A dirty machine cannot be properly inspected.

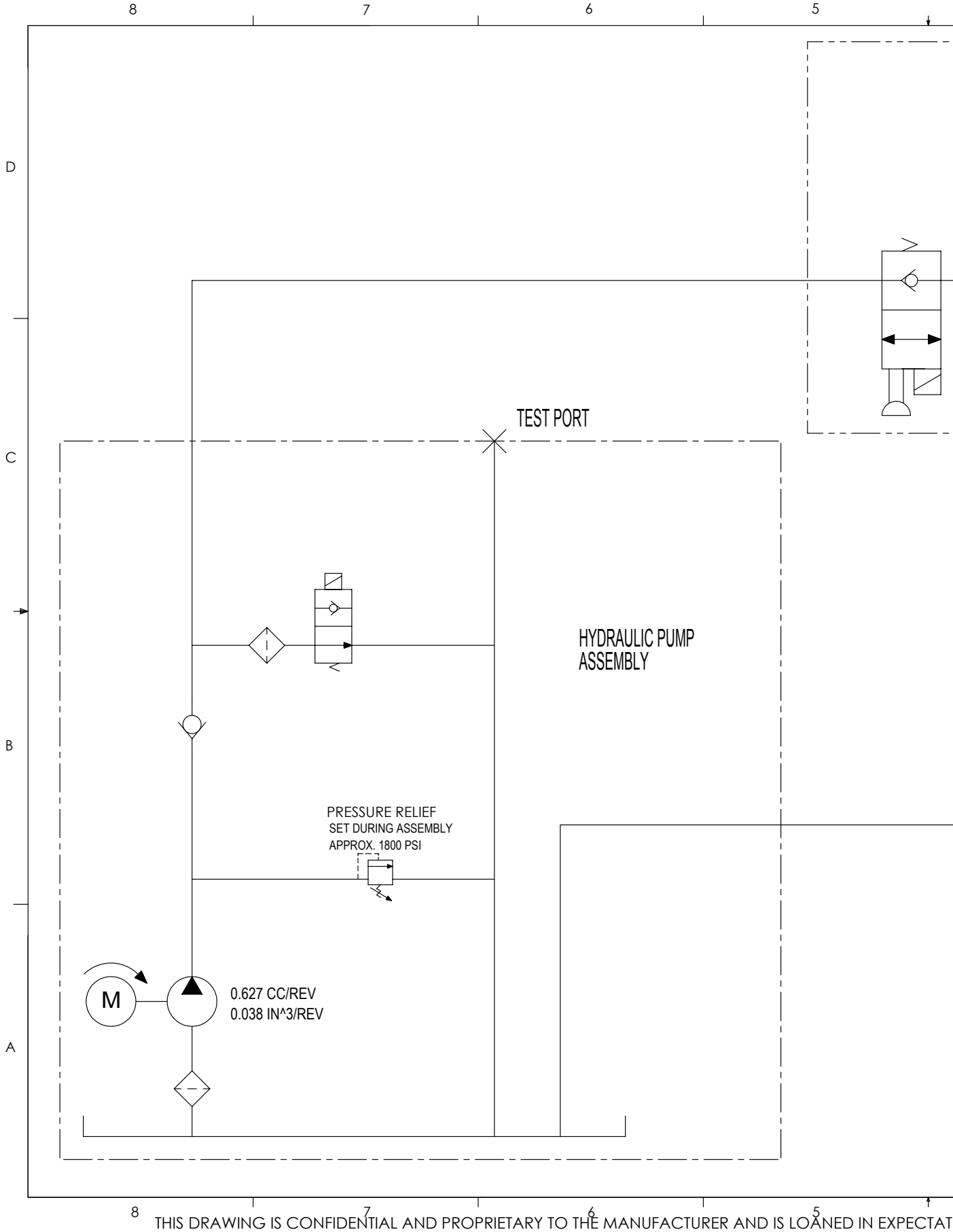
Y-Yes/Acceptable N-No/Unacceptable R-Repaired	Y	N	R
VISUAL INSPECTIONS			
Check that there are no damaged, dented, or bent structural members	☐	☐	☐
There are no loose or missing parts.	☐	☐	☐
Check that warning and instructional labels are legible and secure.	☐	☐	☐
Check the platform rails and safety gate for damage.	☐	☐	☐
Check that platform floor is clean to prevent slip, fall hazards	☐	☐	☐
Platform and base controls are not missing, damaged, frayed, or disconnected.	☐	☐	☐
Hydraulic hoses are not torn or loose, and there are no leaks. Check that hoses and cables have no worn areas or chafing.	☐	☐	☐
Check the tyres for damage.	☐	☐	☐
Check that all snap rings are secure in grooves on pivot pins.	☐	☐	☐
FUNCTIONAL TESTS	Y	N	R
Gate closes automatically	☐	☐	☐
Platform Controls: Check all switches and push buttons for proper operation.			
Emergency Stop (Stops all movement)	☐	☐	☐
Up/Down Controls (Elevates, Lowers, Enable button must be pressed).	☐	☐	☐
Base Controls: Check all switches and push buttons for proper operation.			
Emergency Stop (Stops all movement)	☐	☐	☐
Key Switch (Selects Platform Control, Ground Control, or Off).	☐	☐	☐
Alarm (Not damaged, sounds for descent).	☐	☐	☐
Up/Down Rocker Switch (Elevates/Lowers, Enable button must be pressed).	☐	☐	☐
Lowering Delay (Delay when lowering, re-activate descent switch to continue)	☐	☐	☐
Emergency Lowering functions	☐	☐	☐
Machine will not elevate when on a slope greater than 1.5º	☐	☐	☐
Wheels: Front and rear wheels rotate freely.	☐	☐	☐
Automatic brakes engage and hold when platform is elevated.	☐	☐	☐
Parking Brakes (Swivel Castors) engage and hold	☐	☐	☐

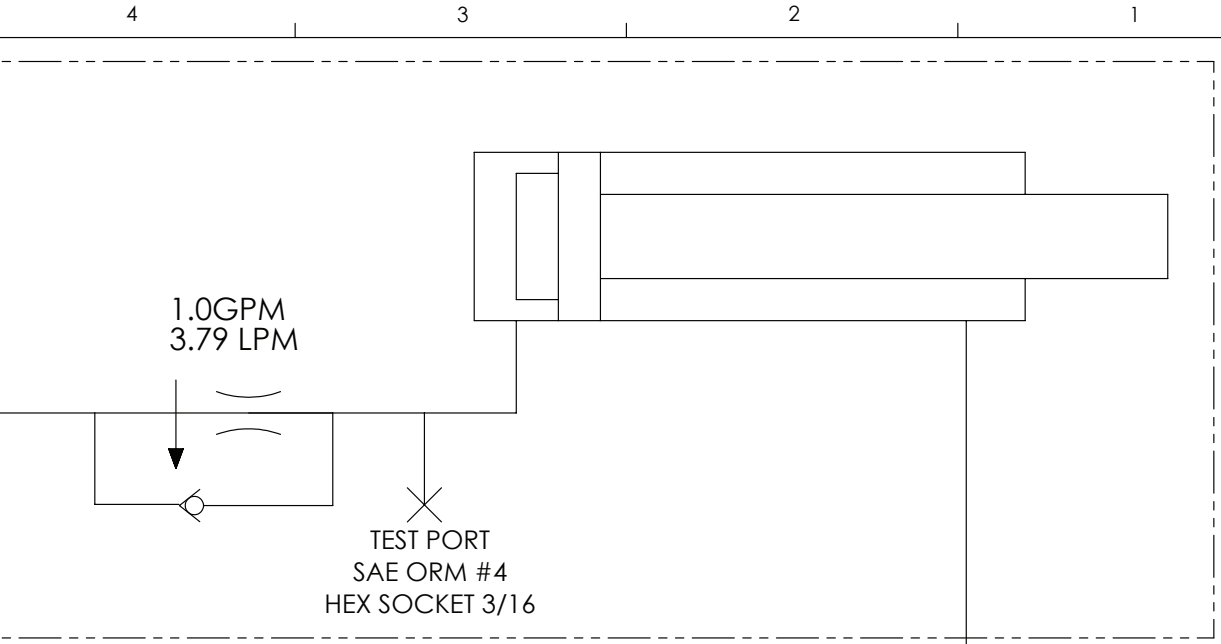
COMMENTS:

Date:_____ Inspected by:_____

PLEASE DUPLICATE THIS PAGE AS NEEDED FOR YOUR OWN USE.

4.1 | HYDRAULIC SCHEMATIC





REV	DESCRIPTION OF CHANGE	ECO #	DATE	REV BY
A	INITIAL RELEASE	2017-0014	06/21/2018	DJS

ORIGINALLY DRAWN BY: | DATE:

Pop Up Products Limited

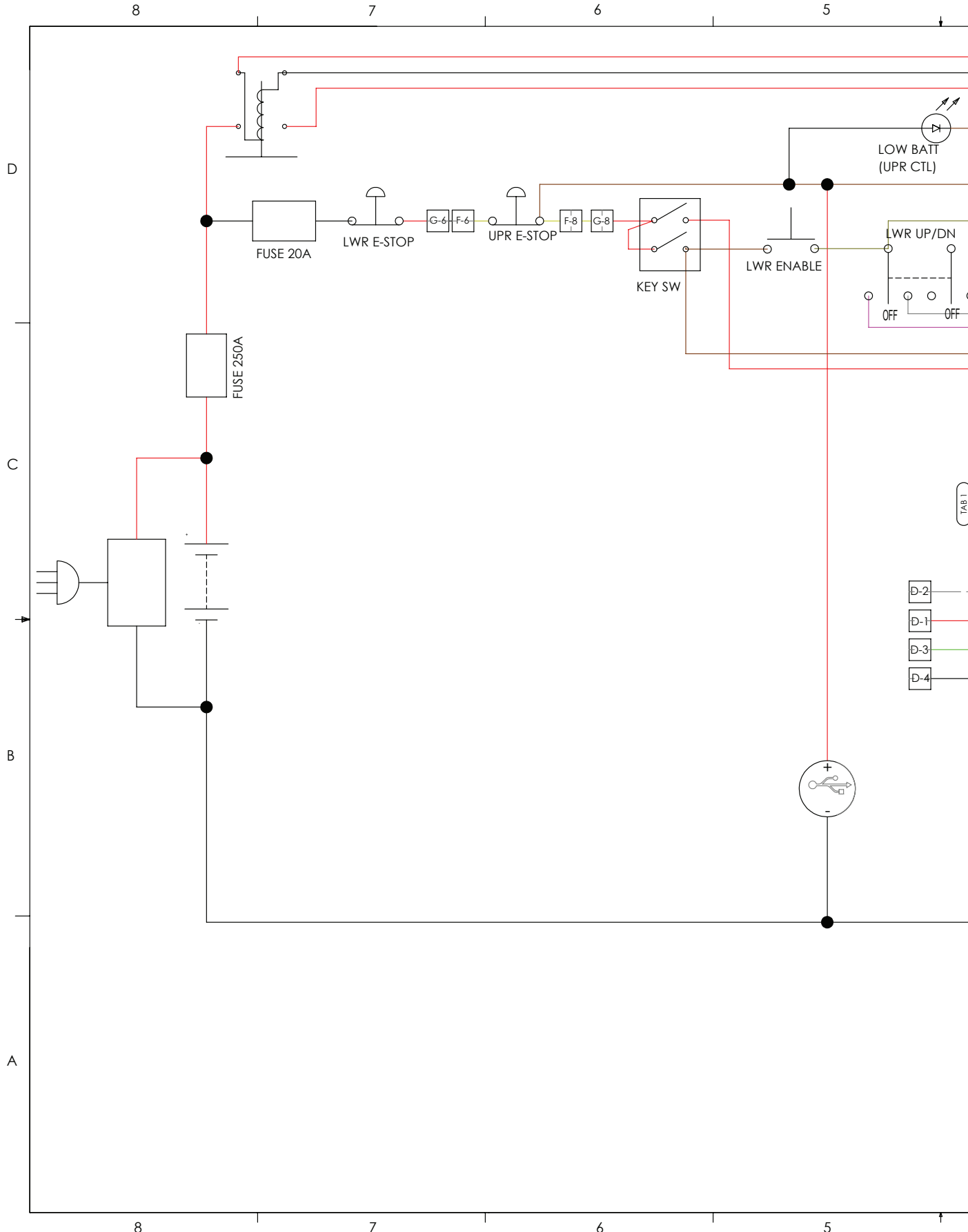
HYD SCH,IQ LIFT

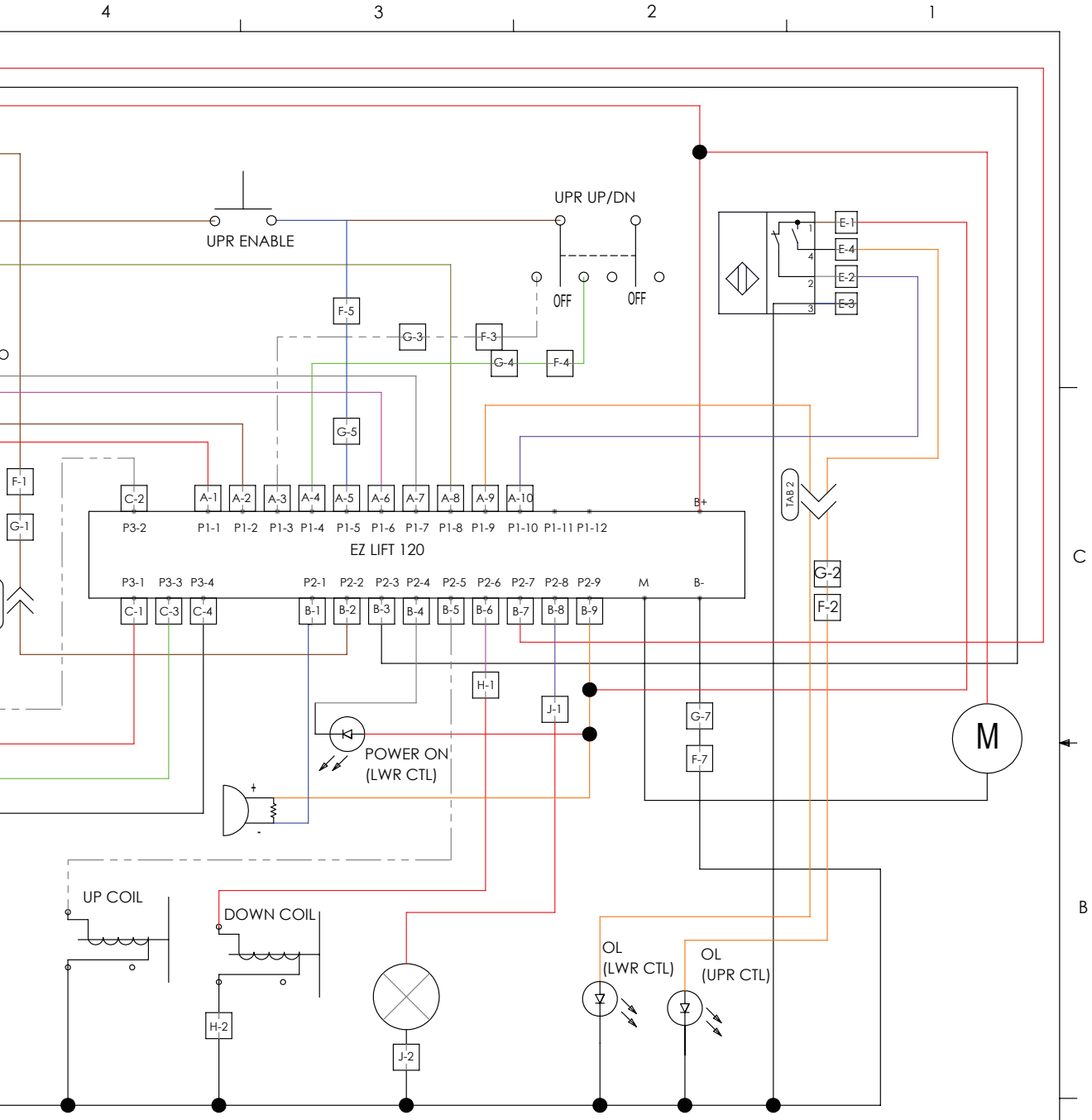
SPEC/MATL: Schematic | WEIGHT: APPROX. 0.00 LB.

DRAWING #: HS-177-20-001-51 | **A**

SCALE:1:1 | B-SIZE | DO NOT SCALE DRAWING | SHEET 1 OF 1

4.2 | ELECTRICAL SCHEMATIC





REV	DESCRIPTION OF CHANGE	ECO #	DATE	REV BY
A	Initial Release	2017-0014	06/08/2018	GLH

ORIGINALLY DRAWN BY: | DATE:

Pop Up Products Limited

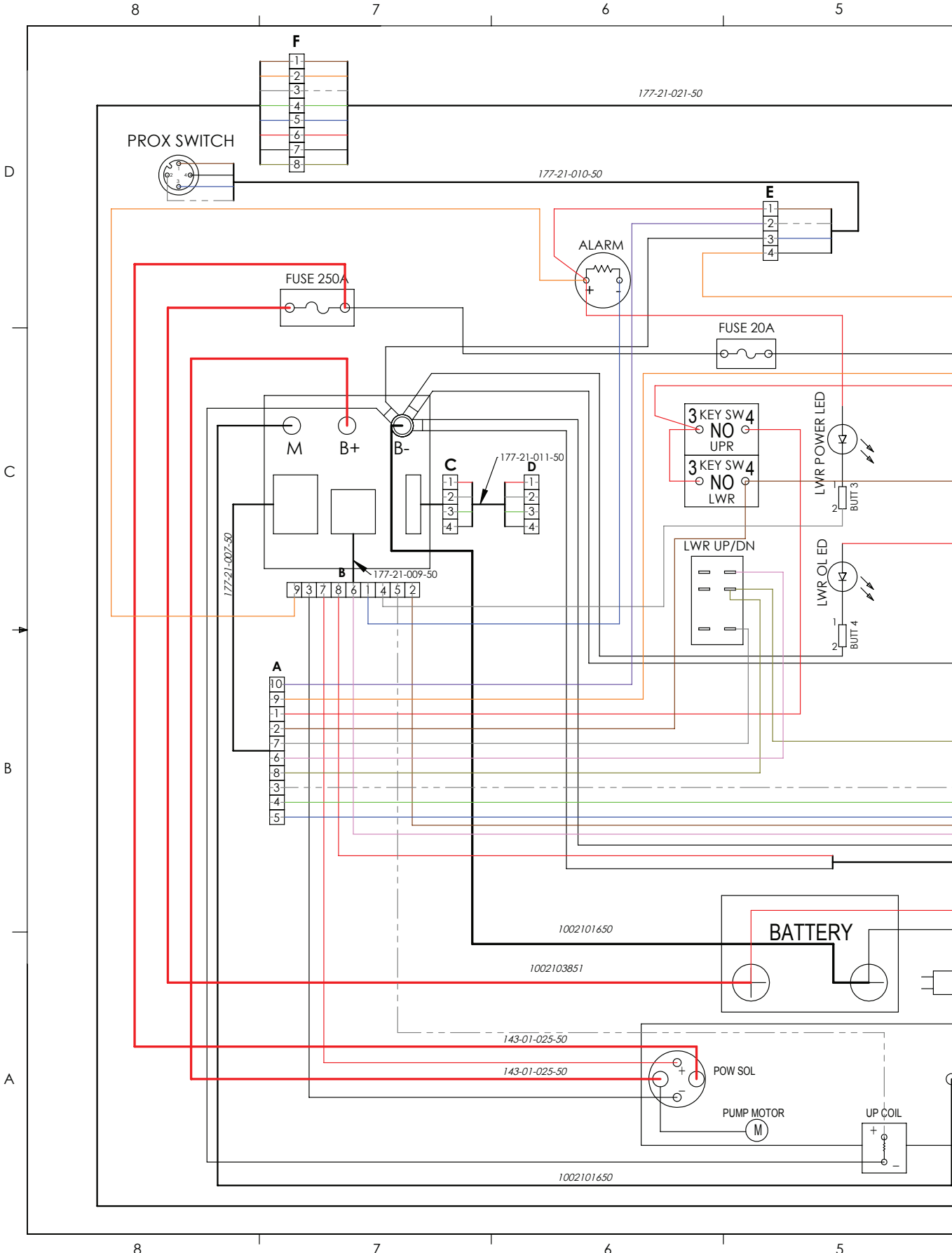
ELEC SCH,IQ LIFT

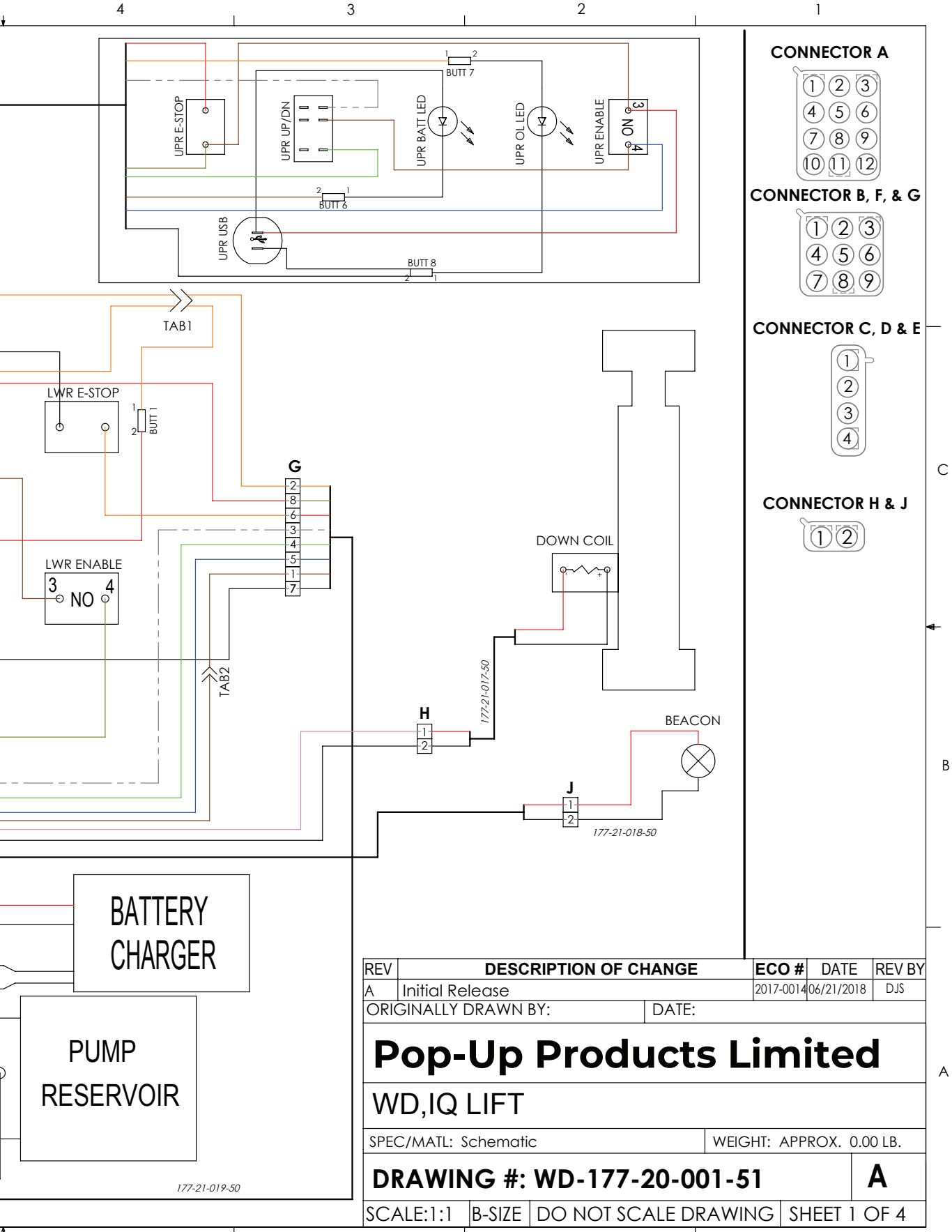
SPEC/MATL: Schematic | WEIGHT: APPROX. 0.00 LB.

DRAWING #: WS-177-20-001-51 | **A**

SCALE:1:1 | B-SIZE | DO NOT SCALE DRAWING | SHEET 1 OF 1

4.3 | WIRING DIAGRAM





TATION THAT IT WILL BE KEPT CONFIDENTIAL AND USED ONLY FOR THE PURPOSE FOR WHICH IT IS LOANED.

4.4 | EZLIFT DIAGNOSTICS

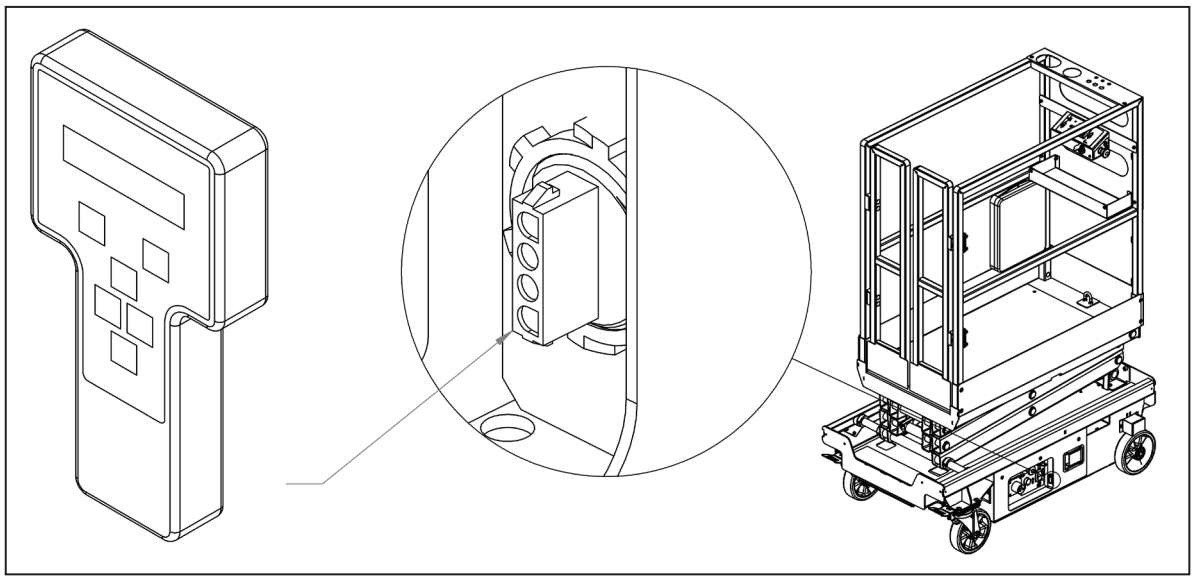


FIGURE 8: EZcal Diagnostic Connection

An EZcal tool can be connected to the diagnostic port on the lower control panel to provide access to a number of menus for diagnostic purposes.

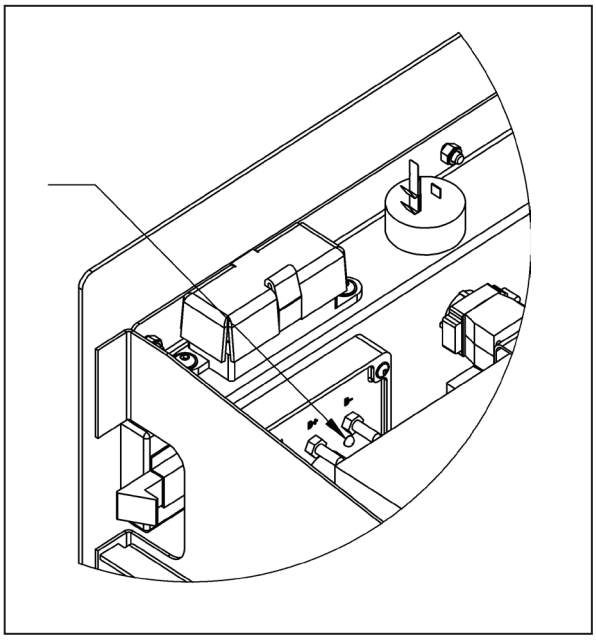


FIGURE 9: Diagnostic LED Location

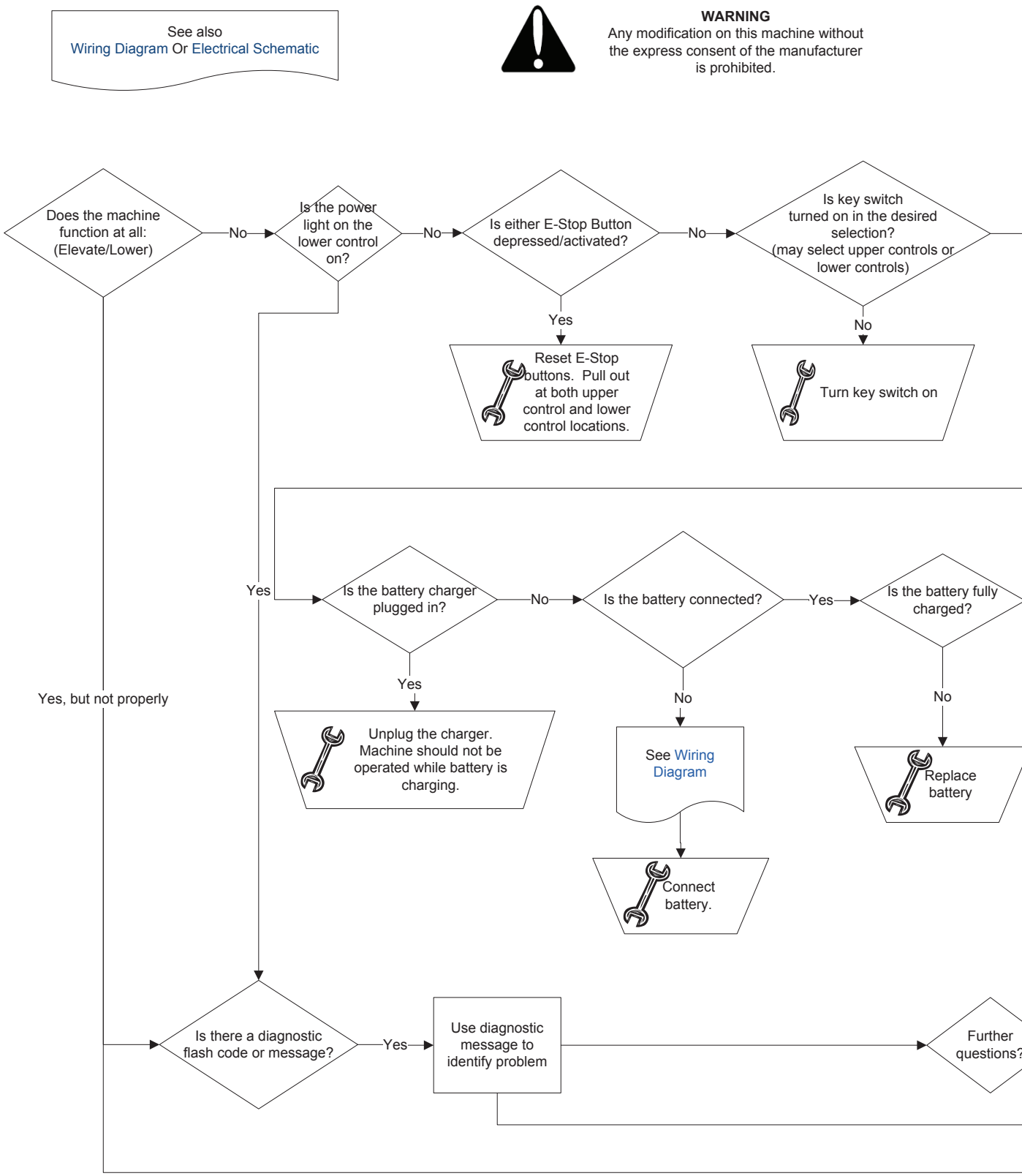
If an EZcal is not available, an LED on the control board may be viewed to display flash codes.

Flash Code	Message	Meaning
Steady	EVERYTHING OK	No problems detected
Steady	LIFTING/LOWERING	Elevating or Lowering in progress
9/9	FAULT: CHECK EMS	Fault detected with P1-1 and P1-2: Power--E-stop, key switch, 20 A fuse, etc.
2/2	FUNCTIONS LOCKED-ENABLE FIRST	Attempting to activate up/down movement without enable
2/2	FUNCTIONS FAULTY	Up and Down movements activated together
2/2	FUNCTIONS LOCKED-EXERNAL SHUTDOWN	Not used on this model. (A programmed interlock)
2/2	FUNCTIONS LOCKED-TILTED	Vehicle is on a slope. (Or calibrated incorrectly)
2/2	FUNCTIONS LOCKED-ARMGUARD	Vehicle being lowered to the height that the elevation switch activated to temporarily stop movement.
2/2	ENABLE LOCKED	The enable button has been active for too long without requesting movement. (This would happen if someone tried to override the enable button to keep it in the active position, or inadvertently pushed the button, etc.)
4/4	FUNCTIONS LOCKED-BATTERY	Battery charge is less than 10.8V
6/3	FUNCTIONS LOCKED-ELEVATION SWITCH	Problem with the elevation switch. Lift did not get up in the expected time.
3/5	FUNCTIONS LOCKED-MOTOR LOADED	Problem with the pump motor
3/5	FAULT: MOTOT OVERLOAD!	Problem with the pump motor
3/5	FAULT: MOTOR/WIRING S/C	Problem with the pump motor
3/4	FAULT: POWERED OUTPUTS WHEN OFF	Problem with P2-5 (Up),6 (Down),7 (Main Contactor),8 (Beacon Light) powered when it should not be.
7/7	FAULT: POWER CIRCUITS GROUNDED	
3/3	FAULT: LINE CONTACTOR WELDED	Problem with the pump motor or main contactor connections.
4/2	FAULT: BAD INTERNAL SLAVE!	Internal control module fault.
3/3	FAULT: BAD INTERNAL 10V!	Internal control module fault.
1/1	TESTMODE ACTIVE	Test mode has been enabled on the EZCal. Cycle power to clear.
4/4	FAULT: SUPPLY TOO HIGH	Battery Voltage >32V
4/4	FAULT: SUPPLY TOO LOW	Battery Voltage <8V

4.5 | TROUBLESHOOTING FLOWCHART: POWER

Troubleshooting Flowchart: IQ LIFT Power

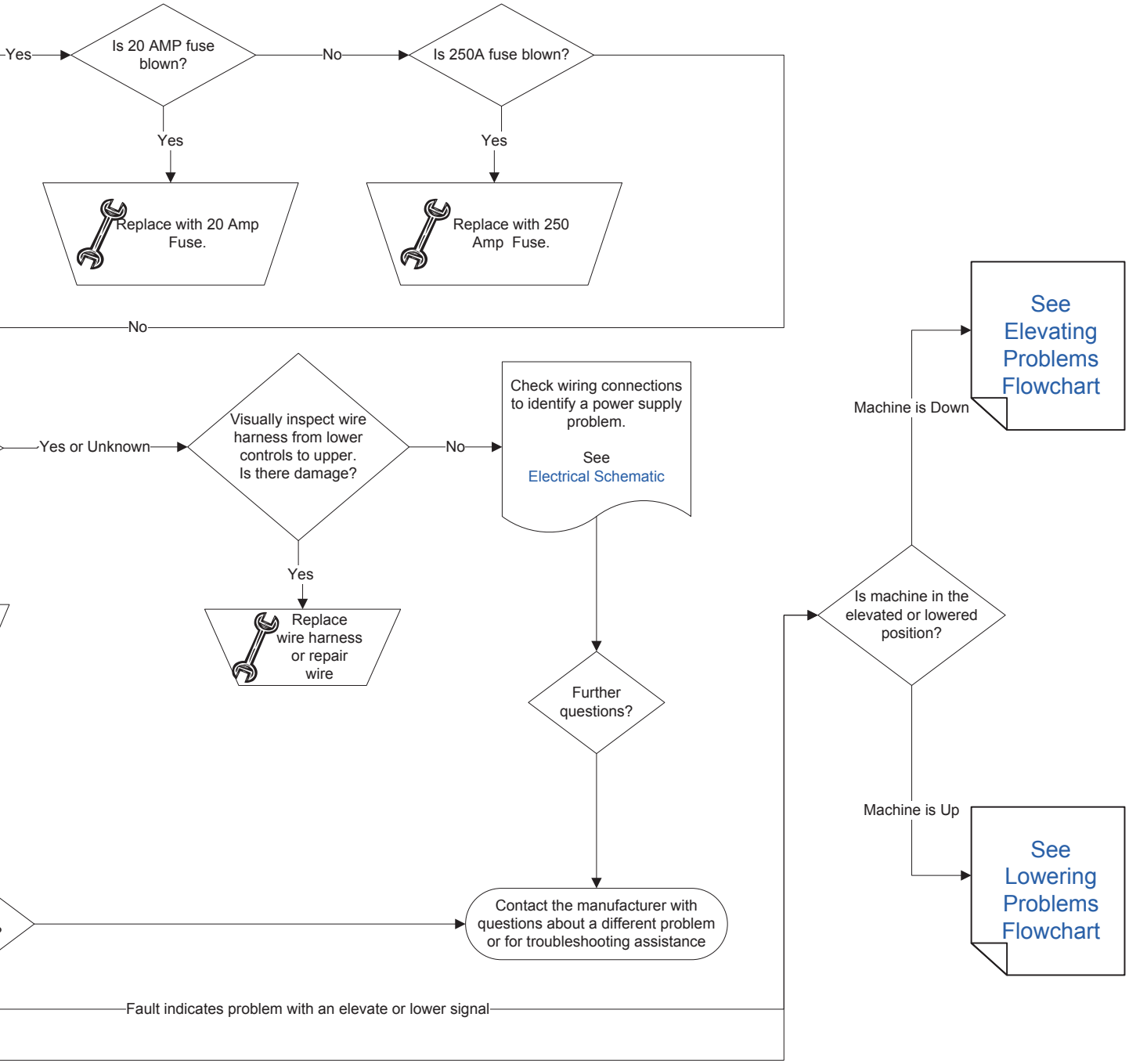
Troubleshooting Step 1: Main Power



WARNING
Failure to comply with safety precautions may result in damage, injury, or death. Refer to Maintenance Manual for complete warnings

Troubleshooting Flowcharts--General Notes:

Inspect parts for visible damage as they are encountered.
After each step, check if problem has been indentified and/or resolved.
If so, make the recommended fix or see a referenced document.
If not, continue troubleshooting.
If a part has been identified as needing replacement, see the Parts Manual to identify part number to order.
If any wiring or components have been altered from the original manufacture, problems may not be identifiable.

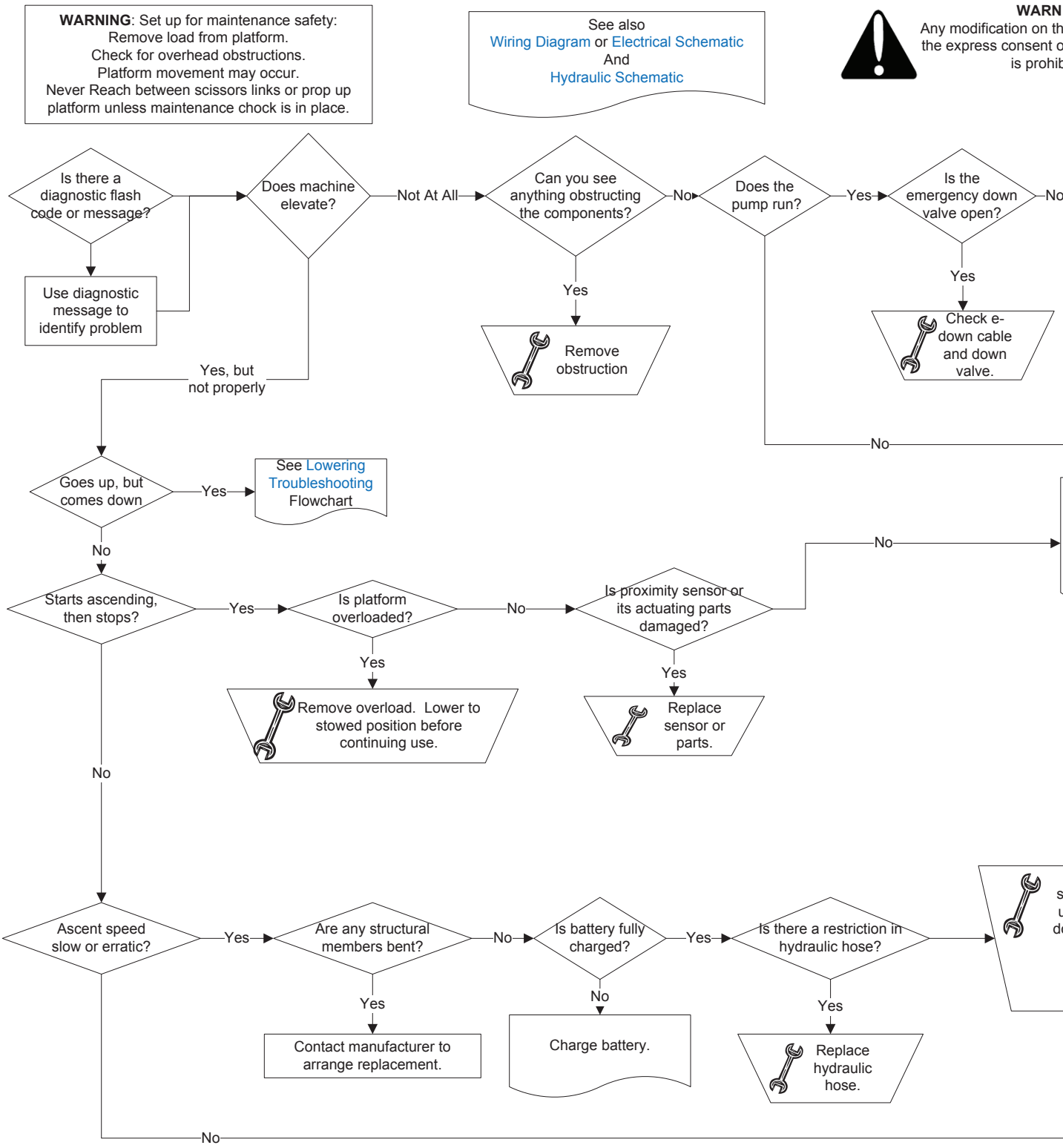


Revision: P01

4.6 | TROUBLESHOOTING FLOWCHART: ELEVATING

Flowchart-IQ LIFT-Elevating

Troubleshooting Step 2A: Elevating



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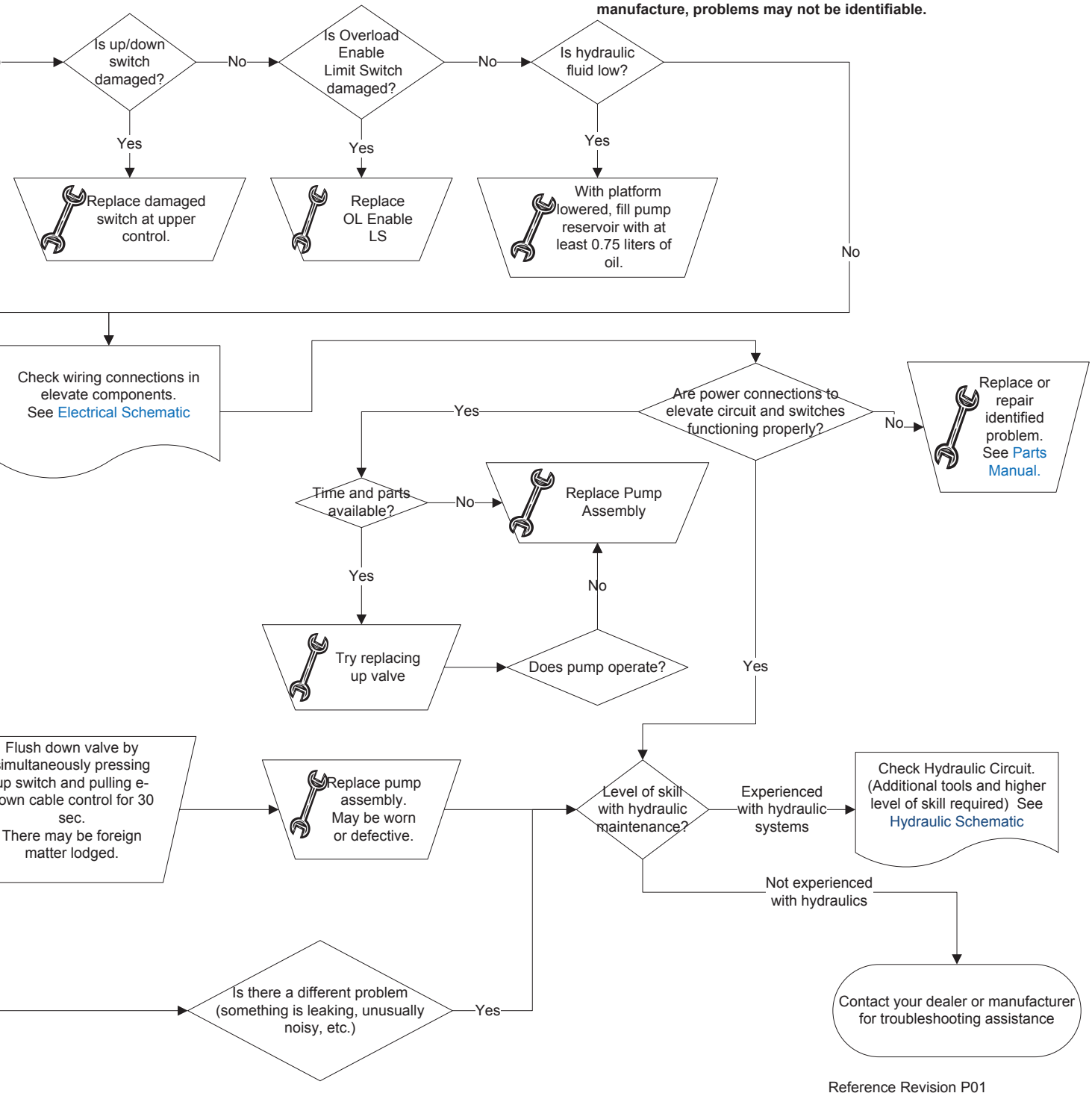
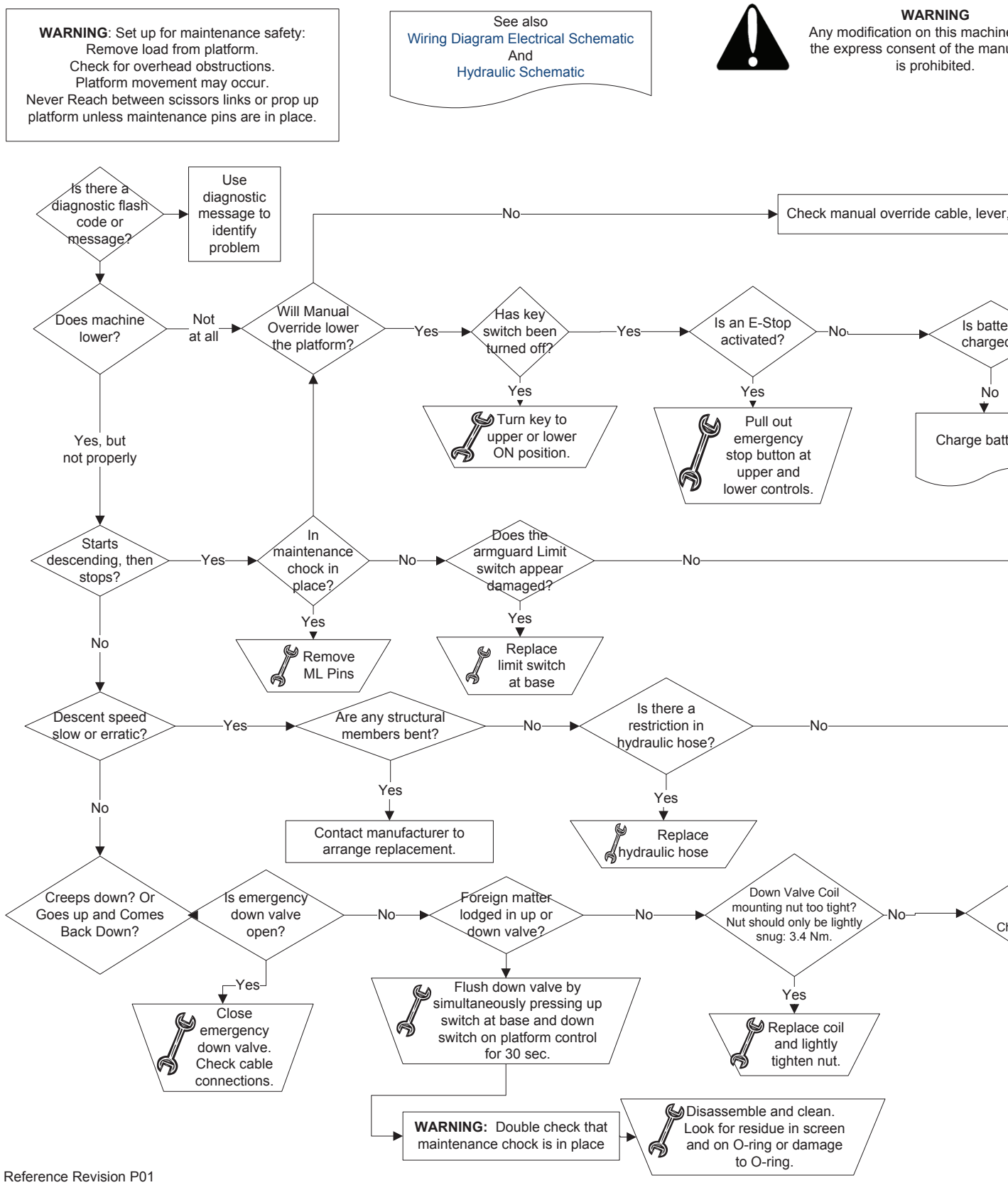


Reference Revision P01

4.7 | TROUBLESHOOTING FLOWCHART: LOWERING

Flowchart: IQ LIFT-Lowering

Troubleshooting Step 2B: Lowering



Reference Revision P01

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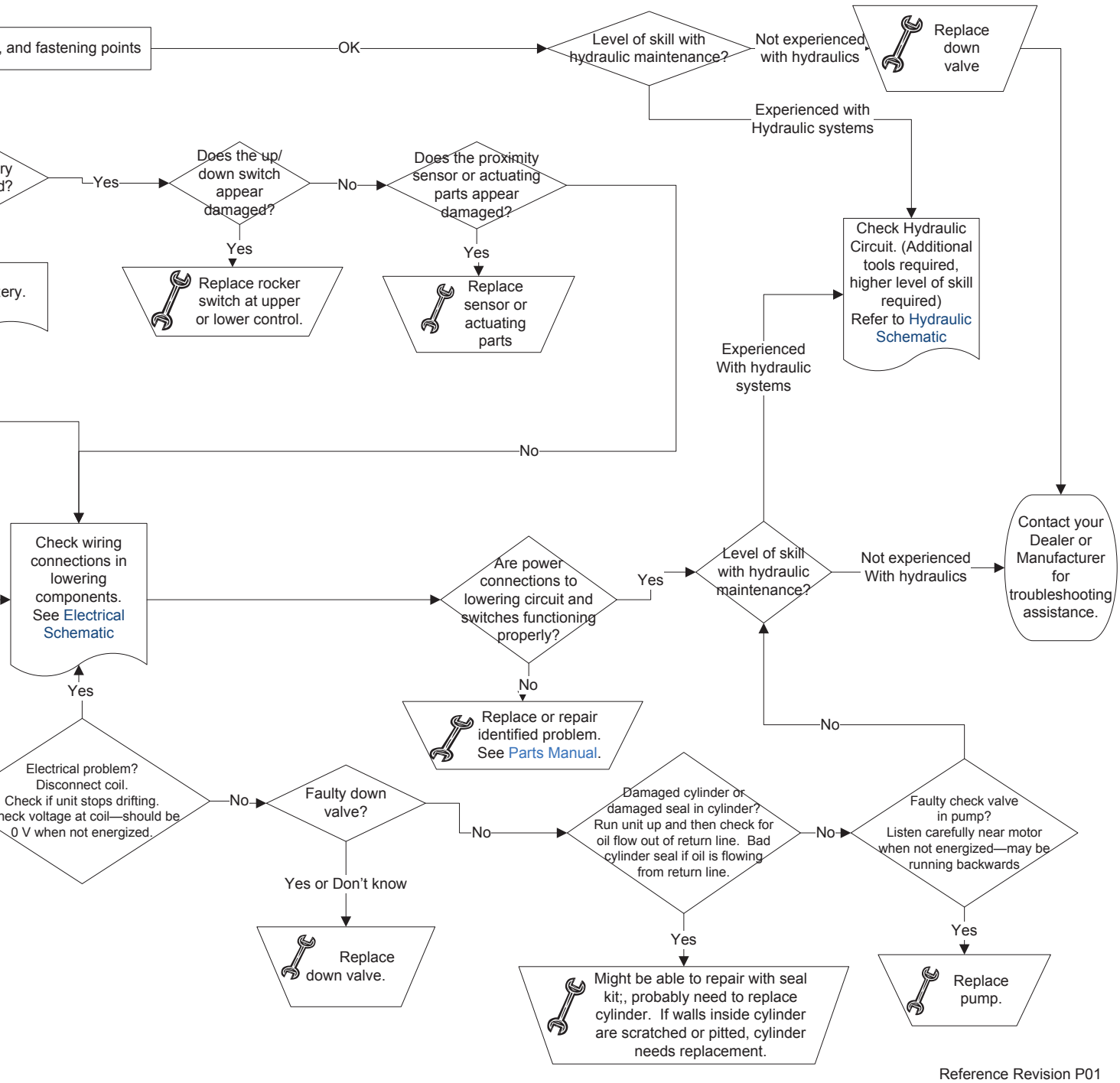

Reference Revision P01

5.1 | SELECTED REPLACEMENT PARTS

USE ONLY MANUFACTURER APPROVED REPLACEMENT PARTS. USE OF NON-OEM PARTS WILL VOID WARRANTY.

REPLACEMENT OF THE FOLLOWING COMPONENTS WILL AFFECT THE STRENGTH, STABILITY, OR SAFETY FUNCTION OF THE UNIT: BATTERY, HYDRAULIC CYLINDER, AND ALL STRUCTURAL COMPONENTS.

Refer to the Operation & Safety Handbook for decal part numbers and locations.

In addition to the decals listed in the Operation & Safety Handbook, a partial list of replacement parts is included in this handbook. These represent current model revisions. A full parts handbook is available from Pop Up Products.

The following materials require special means of disposal:
HYDR-032: Hydraulic fluid: Do not dispose in a drain to water source. Take to a recycling center.
ELEC-047-4 or ELEC-047-5: Batteries: Take to a recycling center.

The following list is a partial list of common replacement parts. A more complete parts handbook is available on request. Some parts are model-, serial number-, or manufacture date-specific. Contact your dealer for replacement part availability and pricing.

Description	Part #	Notes
DECAL KIT, IQ LIFT PRO 10	177-21-008-50-K	
PLATFORM CONTROL ASSEMBLY	177-21-006-50	
MAIN WIRE HARNESS	177-21-019-50	
BUTTON,PUSH GREEN	ELEC-602-KIT	
BUTTON,PUSH/PULL RED E-STOP	ELEC-071-KIT	
CONTACT BLOCK,NC	ELEC-072	
CONTACT BLOCK,NO	ELEC-603	
ROCKER SWITCH	ELEC-133B	
CHARGER,12V,06A PCS	ELEC-746	
GATE SPRING	HARD-302	
BRAKE SPRING	HARD-690	
HYDRAULIC OIL FLUID	HYDR-032	Not available as a replacement part. Replace with Flomite #150, Dexron II, Mobil-DTE 2 or equivalent 32 weight implement oil.
DOWN VALVE	HYDR-007-2E-5	
SWIVEL CASTER ASSEMBLY	WHEE-764	
WHEEL,700 MM	WHEE-765	
HANDBOOK BOX 8.5X11X1 W/GASKET	HARD-603	

6.1 | INSPECTION AND REPAIR LOG

Model: _____ Serial Number:_____

Date	By	Maintenance, Examination, or Repair	Comments

PLEASE DUPLICATE THIS PAGE AS NEEDED FOR YOUR OWN USE.

Date	By	Maintenance, Examination, or Repair	Comments

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IQ Lift PRO 10
Maintenance & Troubleshooting Handbook

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