Operation & Safety Manual Supplement

Original Instructions -
Keep this manual with the machine at all times.

Model 660SJ Electric

31215477

August 8, 2022 - Rev B

CE UK CA

An Oshkosh Corporation Company

⚠ WARNING

Operating, servicing and maintaining this vehicle or equipment can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle or equipment in a well-ventilated area and wear gloves or wash your hands frequently when servicing. For more information go to www.P65Warnings.ca.gov.

REVISION LOG

DATE	REVISION	DESCRIPTION
October 1, 2021	A	Original Issue
August 8, 2022	B	Revision

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SECTION CONTENTS

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SECTION 1
User Responsibilities, Machine Preparation, & Inspection

1.1 PRE-START INSPECTION

The Pre-Start Inspection should include each of the following:

1. **Cleanliness** — Check all surfaces for leakage (oil or battery fluid) or foreign objects. Report any leakage to the proper maintenance personnel.

2. **Structure** — Inspect the machine structure for dents, damage, weld or parent metal cracks or other discrepancies.

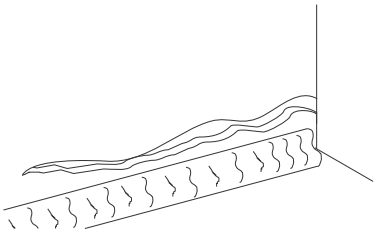


Figure 1. Parent Metal Crack

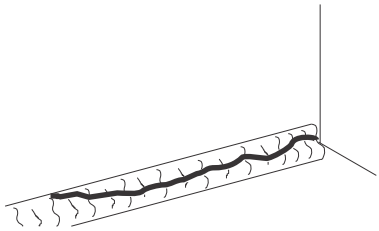


Figure 2. Weld Crack

3. **Decals and Placards** — Check all for cleanliness and legibility. Make sure none of the decals and placards are missing. Make sure all illegible decals and placards are cleaned or replaced.

4. **Operation and Safety Manuals** — Make sure a copy of the Operation and Safety Manual, AEM Safety Manual (ANSI markets only), and ANSI Manual of Responsibilities (ANSI markets only) is enclosed in the weather resistant storage container.

5. **Walk-Around Inspection** — Perform as instructed.

6. **Battery** — Charge as required.

7. **Hydraulic Oil** — Check the hydraulic oil level. Ensure hydraulic oil is added as required.

8. **Accessories/Attachments** — Refer to the Accessories section in this manual or accessory installed upon the machine for specific inspection, operation, and maintenance instructions.

9. **Function Check** — Once the Walk-Around Inspection is complete, perform a functional check of all systems in an area free of overhead and ground level obstructions. Refer to Section 4, Machine Operation for more specific instructions.

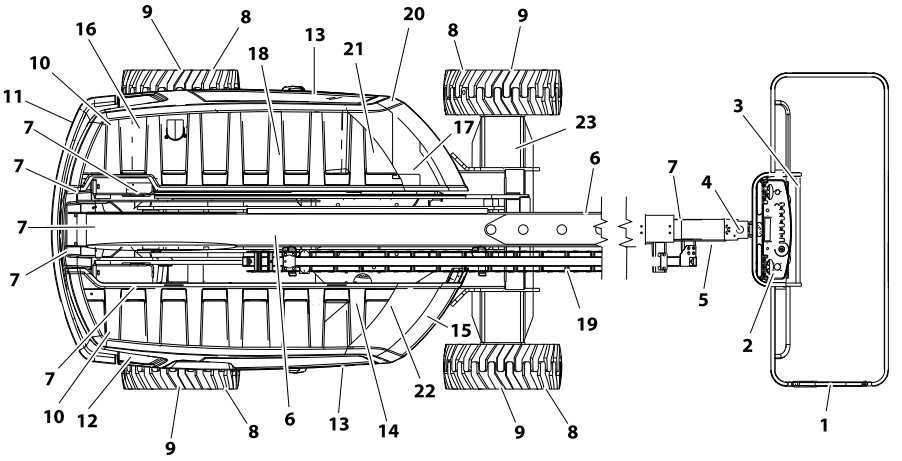
10. **Platform Gate** — Keep gate and surrounding area clean and unobstructed. Verify the gate closes properly and is not bent or damaged. Keep gate closed at all times except when entering/exiting the platform and loading/unloading materials.

11. **Lanyard Attach Points** — During operation, occupants in the platform must wear a full body harness with a lanyard attached to an authorized lanyard anchorage point. Attach only one (1) lanyard per lanyard anchorage point.

⚠ WARNING

If the machine does not operate properly, turn off the machine immediately! Report the problem to the proper maintenance personnel. Do not operate the machine until it is declared safe for operation.

1.2 WALK-AROUND INSPECTION



1.2.1 Walk-Around Inspection

Begin the "Walk-Around Inspection" at Item 1, as noted on the diagram. Continue checking each item in sequence for the conditions listed in the following checklist.

⚠ WARNING

To avoid possible injury, be sure machine power is OFF. Do not operate machine until all malfunctions have been corrected.

NOTICE

Do not overlook visual inspection of chassis underside. Checking this area may result in discovery of conditions which could cause extensive machine damage.

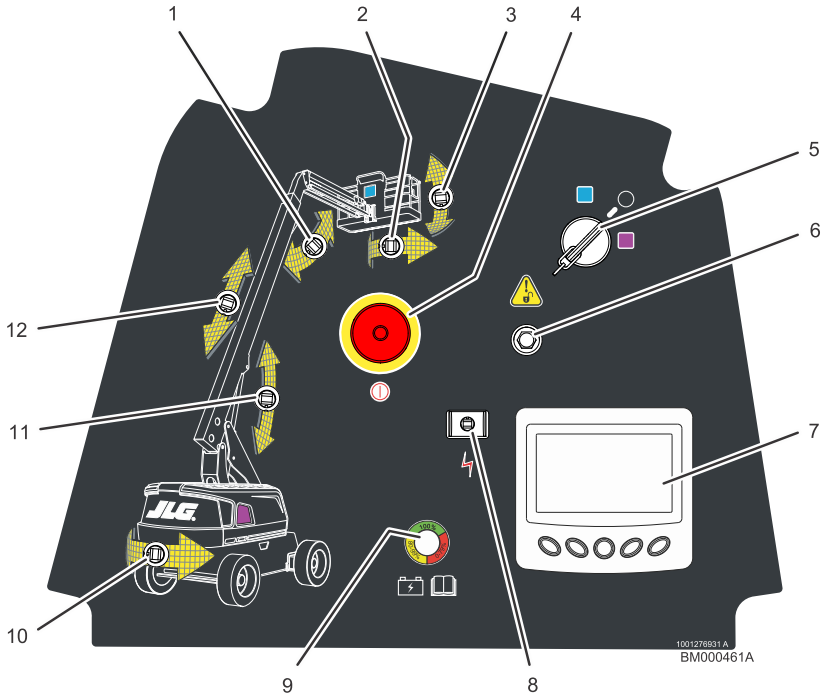
INSPECTION NOTE: On all components, make sure there are no loose or missing parts, that they are securely fastened, and no visible damage, leaks or excessive wear exists in addition to any other criteria mentioned.

1. **Platform Assembly and Gate** - Footswitch works properly, not modified, disabled or blocked. Gate latches and hinges in working condition.
2. **SkyGuard** - See *Inspection Note.*
3. **Platform Control Console** - Switches and levers return to neutral when activated and released, decals/placards secure and legible, control markings legible.
4. **Platform Rotator** - See *Inspection Note.*
5. **Jib Assembly and Jib Rotator (If Equipped)** - See *Inspection Note.*
6. **Boom Sections/Uprights/Turntable** - See *Inspection Note.*
7. **All Hydraulic Cylinders** - No visible damage; pivot pins and hydraulic hoses undamaged, not leaking.
8. **Wheel/Tire Assemblies** - Properly secured, no missing lug nuts. Inspect for worn tread, cuts, tears or other discrepancies. Inspect wheels for damage and corrosion.
9. **Drive Motor, Brake, and Hub** - No evidence of leakage.
10. **Tie Rod Ends and Steering Spindles** - See *Inspection Note.*
11. **Counterweight** - See *Inspection Note.*
12. **Ground Control Console** - Switches and levers return to neutral when activated and released, decals/placards secure and legible, control markings legible.
13. **Hood Assemblies** - See *Inspection Note.*
14. **Swing Motor** - No evidence of damage.
15. **Turntable Bearing** - Evidence of proper lubrication. No evidence of loose bolts or looseness between bearing and machine.
16. **Hydraulic Pump and Reservoir** - See *Inspection Note.*
17. **Battery** - Battery cables tight; See *Inspection Note.*
18. **Air Shutoff Valve (ASOV) (If Equipped)** - See *Inspection Note.*
19. **Power Track** - See *Inspection Note.*
20. **Turntable Lock** - Operable.

21. **Auxiliary Power Pump**- See *Inspection Note.*
22. **Main Control Valve** - See *Inspection Note.*
23. **Frame** - See *Inspection Note.*

SECTION 2
Machine Controls and Indicators

2.1 660SJ GROUND CONTROL STATION



1. Jib Lift
2. Platform Rotate
3. Platform Level
4. Power/Emergency Stop
5. Platform/Ground Select
6. Machine Safety System Override (MSSO)
7. Multifunction Display
8. Auxiliary Descent Enable
9. Battery Charge Indicator
10. Swing
11. Main Boom Lift
12. Main Boom Telescope

2.1.1 Ground Control Station Functions

⚠ WARNING

When operating the boom ensure there are no personnel around or under platform.

⚠ WARNING

To avoid serious injury, do not operate machine if any control levers or toggle switches controlling platform movement do not return to the off or neutral position when released.

Note: When machine is shut down the Platform/ Ground Select switch and Emergency Stop must be positioned to Off.To operate machine from the platform, the Platform/Ground Select switch must be turned to the blue square.To operate the machine from the ground, the Platform/Ground Select switch must be turned to the purple square.

Auxiliary Descent Enable
To use auxiliary descent enable, the switch must be held Down for duration of function use.

Battery Charge Indicator
This LED changes color to show the current state-of-charge of the battery pack.

- Green LED: Battery has 100% charge.
- Yellow LED: Battery has 80% to 99% charge.
- Red LED: Battery has 0% to 79% charge.

Jib Lift
Provides raising and lowering of the jib.

Machine Safety System Override (MSSO) (If Equipped)
Provides emergency override of function controls that are locked out in the event of Load Sense System activation.

Main Boom Lift
Provides raising and lowering of the main boom.

Main Boom Telescope
Provides extension and retraction of the main boom.

Multifunction Display
Displays multiple functions depending on the options chosen. Provides information on battery charge status, time left on battery charge, energy usage, and displays fault codes.

Platform Leveling Override
A three position switch allows the operator to adjust the automatic self leveling system. This switch is used to adjust platform level in situations such as ascending/descending a grade.

⚠ WARNING

Only use the platform leveling override function for slight leveling of the platform. Incorrect use could cause the load/occupant to shift or fall. Failure to do so could result in death or serious injury.

Platform Rotate
Provides rotation of the platform.

Platform/Ground Select Switch
The three position, key operated switch supplies power to the platform control console when positioned to Platform. With the switch key turned to the Ground position only ground controls are operable.

Note: When the Platform/Ground Select Switch is in the center position, power is shut off to the controls at both operating stations. Remove the key to prevent the controls from being actuated.

Power/Emergency Stop Switch
A two-position, red, mushroom-shaped switch supplies power to Platform/Ground Select switch when pulled out (On position). When pushed in (Off position), power is shut off to the Platform/Ground Select switch.

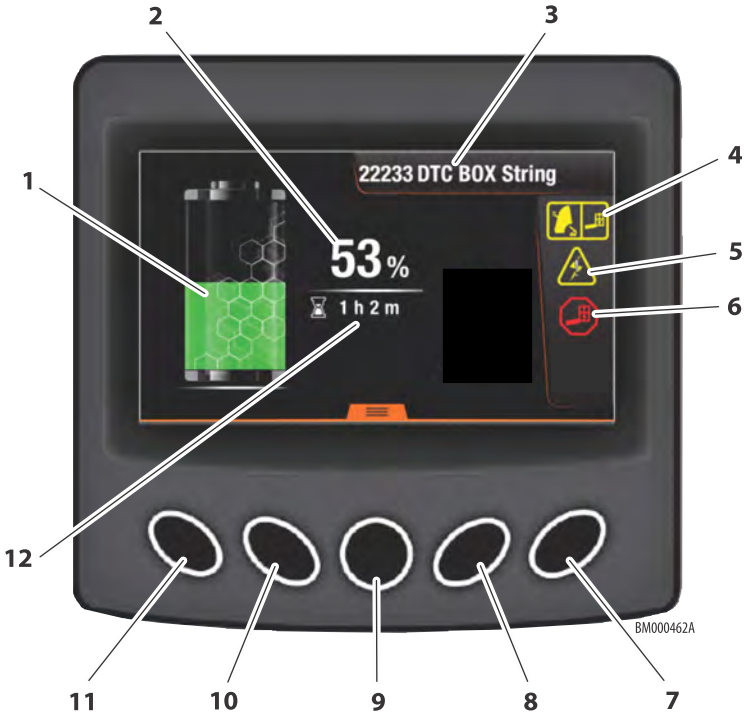
Note: When Power/Emergency Stop switch is in the On position an alarm will sound, indicating the ignition is On.

NOTICE

Always position emergency stop switch to the Off position (pushed in) when machine is not in use.

Swing
Provides 360 degrees continuous turntable rotation.

2.2 MULTIFUNCTION DISPLAY



1. Battery Charge
2. State of Charge Percentage
3. Scrolling DTC Messages
4. Capacity Zone Indicator
5. System Distress
6. Platform Overload
7. Scroll Page Right Button
8. Right Navigation Button
9. Menu Select Button
10. Left Navigation Button
11. Scroll Page Left Button
12. Battery Timer

2.2.1 Multifunction Display Functions

Battery Charge
Indicates the current state-of-charge of the battery pack

Note: While charging, white hexagons will sequence up the indicator.

Battery Timer
Displays the remaining battery capacity left on current state of charge.

Note: If machine is in charging phase, displays time remaining until bulk and equalization charge phases are complete

Capacity Zone Indicator
Indicates the platform capacity zone for the current position of the platform.

Menu Select Button
Allows the operator to open the menu screen.

Navigation Buttons

Left Navigation Button
Allows the operator to scroll down or left according to the available option on the screen.

Right Navigation Button
Allows the operator to scroll up or right according to the available option on the screen.

Platform Overload
Indicates the platform has been overloaded.

Scroll Page Buttons
If available, will allow operator to scroll the screen left or scroll right to the next screen.

Scrolling DTC Messages
If DTCs are present, they will scroll across the top right of the display from left to right.

State of Charge Percentage
Displays the current state of charge of the battery pack in a percentage.

System Distress
The light indicates that the JLG Control System has detected an abnormal condition and a Diagnostic Trouble Code has been set in the system memory. Refer to the Service Manual for instructions concerning trouble codes and trouble code retrieval.
The system distress indicator light will illuminate for 2-3 seconds when the key is positioned to the on position to act as a self test.

2.2.2 Navigating the Multifunction Display

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1. At machine start up the machine brand logo will be displayed briefly, followed by the home screen.
2. To view the menu, press the Menu Select button (**1**) which will bring up the Menu Screen.
3. Use the Right and Left Navigation buttons (**3**) to move through the menu items. When the option you wish to view is highlighted (**4**), press the Menu Select button (**1**).
4. To return to the Home Screen, press the Left Navigation button (**2**).
5. Use the Scroll Page Left and Scroll Page Right buttons (**6**) to cycle through the different pages of your selection.
6. The page icon (**7**) will inform what page is currently being viewed.
7. To return to the Home Screen, press the Left Navigation button (**5**).

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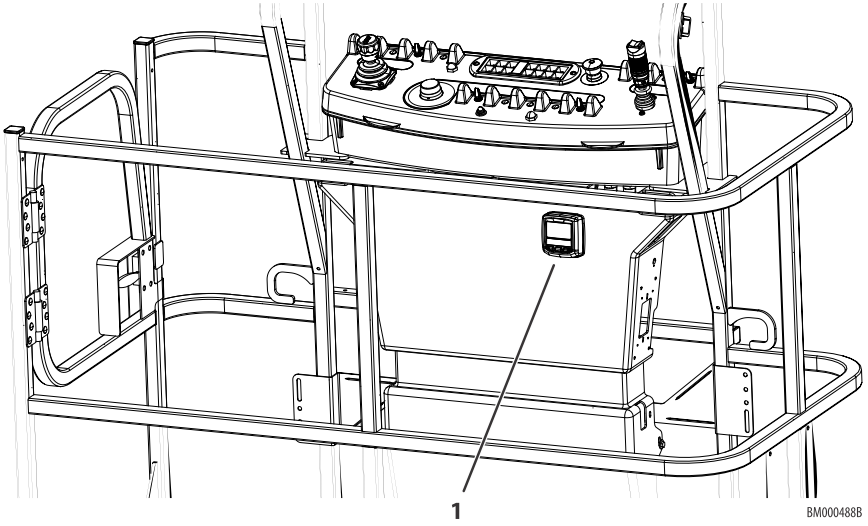
2.3 PLATFORM CONTROLS

The digital display (**1**) from the ground control console has been relocated to the platform control station.



2.3.1 Digital Display

The digital display shows the State of Charge (SoC) percentage of the battery packs.

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SECTION 3
Machine Operation

3.1 MOTOR OPERATION

3.1.1 Power/Emergency Stop

This red mushroom-shaped switch provides battery power to the Platform/Ground Select switch when pulled out (On) for all machine functions. The switch should be pushed in (Off) when recharging the batteries or parking the machine overnight.

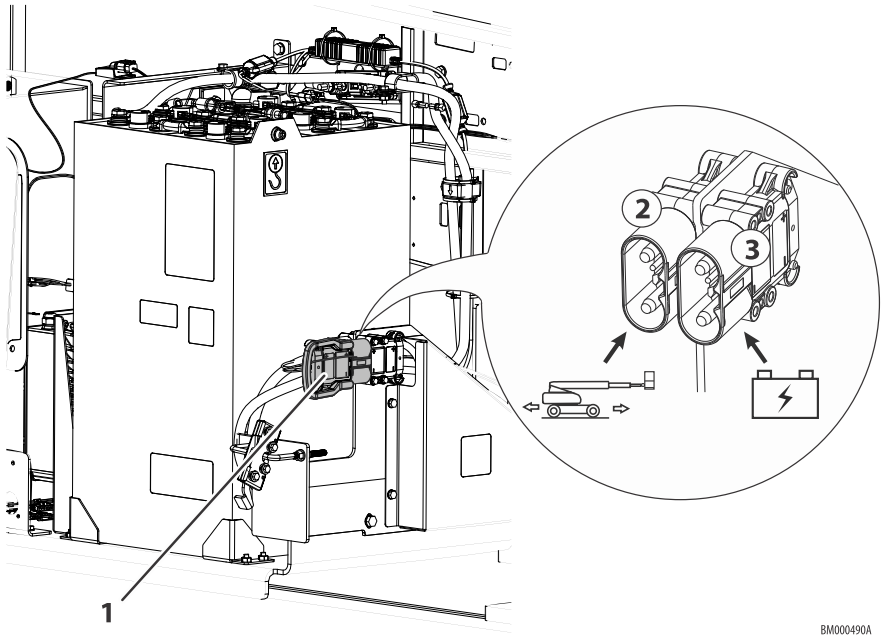
3.1.2 Platform/Ground Select Switch

The Platform/Ground Select switch functions to direct battery power to the desired control station when the Power/Emergency Stop switch is pulled out (On). With the switch in the Ground position, battery power is supplied to the ground control station. When the switch is in the Platform position, battery power is supplied to the platform control station.

3.2 BATTERY CHARGING

NOTICE

This machine is classed as an Industrial machine and satisfies the requirements of the harmonic standards. Caution should be practiced if a 3 phase charger is plugged into the same electrical circuitry of very sensitive equipment which has an insufficient capacity load.



1. Battery Connector
2. Machine Operation Socket
3. Charging Socket

Note: Some components removed for clarity.

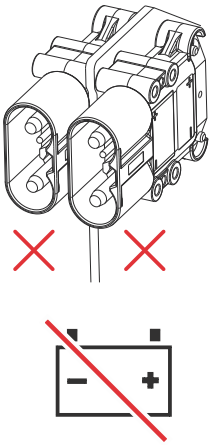
3.2.1 Battery Charging Procedures

1. The battery connector (**1**) is connected to the machine operation socket (**2**) on the left side for normal machine operations.
2. To begin charging procedures, remove the battery connector (**1**) from the left hand socket (**2**) and connect it to the charging socket (**3**) on the right side.

Note: Machine operation is not possible during battery charging procedures.

3. Connect a 1ph or 3ph power supply to charge the machine.
4. Look at the tri-colored LED indicator on the ground control panel to verify charging.
5. At the end of the charging procedures, remove the power supply cable.
6. Disconnect the battery connector (**1**) from the charging socket (**3**).
7. Connect the battery connector (**1**) to the machine operation socket (**2**).

Note: If the battery connector (**1**) is not connected to either the machine operation socket (**2**) or the charging socket (**3**) the battery will be isolated and the machine will not function.



SECTION 4
General Specifications & Operator Maintenance

4.1 OPERATING SPECIFICATIONS

4.1.1 Machine Specifications

Maximum Work Load (Capacity) * Unrestricted: Restricted:	 550 lb (250 kg) 750 lb (340 kg)
Maximum Operating Slope	5°
Maximum Travel Grade (Gradeability) - 4WD	45%
Maximum Travel Grade (Side Slope)	5°
Maximum Manual Force	90 lb (400 N)
Maximum Wind Speed	28 mph (12.5 m/s)
Maximum Tire Load:	14,720 lb (6677 kg)
Ground Bearing Pressure** Foam-Filled Pneumatic	 86.4 psi (6.07 kg/cm^2) 85.1 psi (5.98 kg/cm^2)
Maximum Drive Speed	2.5 MPH (4 kph)
Electrical System	48Vdc
Gross Machine Weight*** (Approximate) 660SJ - 2WS 660SJ - 4WS	 TBD 28,219 lb (12800 kg)
* Maximum Work Load (Capacity) can be affected by the addition of the Soft Touch option. If equipped with Soft Touch, refer to *Section — Accessories* and the decal on your machine for these values.	
** Based on gross contact area.	
*** Gross Machine Weight is configured with standard machine. Additional options and/or accessories will alter the gross weight of the machine.	

4.1.2 Motor Data

Electric Motor	30 kW permanent magnet
Battery Pack	600 Ah, 3x 200 Ah in parallel

4.1.3 Critical Stability Weights

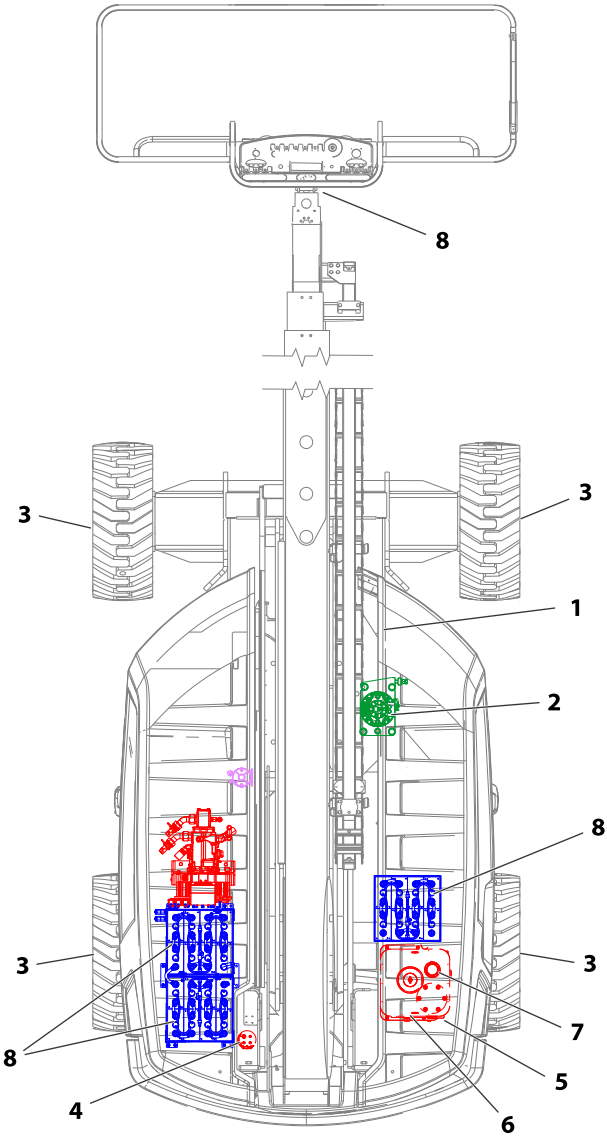
⚠ WARNING

Do not replace items critical to stability with items of different weight or specification (for example: batteries, filled tires, counterweight, motor, or platform). Do not modify unit in any way to affect stability.

		LB	KG
Tire and Wheel	355/55D625 (FF)	440	200
	41/18LLx22.5 (FF)	700	318
Battery Pack (Individual)	200 Ah 52 V Nominal	214	97
Battery Pack (Complete)	3x 200 Ah 52 V Nominal — 600 Ah total	642	194
Counterweight	Chassis	453	205.5
	Turntable	5844	2653
Platform Only (No Control Box or Footswitch)	4 ft. (M) Swing Gate	132	60
	5 ft. (M) Swing Gate	145.5	66
	6 ft. (M) Swing Gate	159	72
	8 ft. (2.44 M) Swing Gate	230	84
	6 ft. (M) Shipyard Option	247	112

4.2 OPERATOR MAINTENANCE

4.2.1 Operator Maintenance and Lubrication Diagram



4.2.2 Operator Maintenance

Table 1. Lubrication Specifications

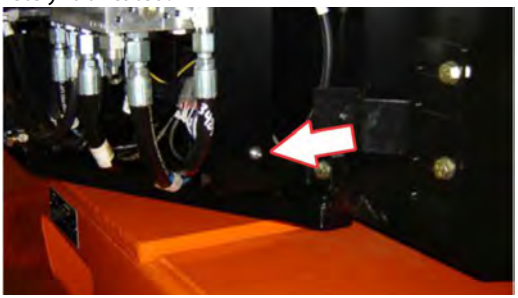
Key	Specifications
BG*	Bearing Grease (JLG Part No. 3020029) Mobilith SHC 460.
HO	Hydraulic Oil. API service classification GL-4, e.g. standard UTTO.
EPGL	Extreme Pressure Gear Lube (oil) meeting API Service Classification GL-5 or Mil-Spec Mil-L-2105.
MPG	Multipurpose Grease having a minimum dripping point of 350° F (177° C). Excellent water resistance and adhesive qualities, and being of extreme pressure type. (Timken OK 40 pounds minimum.)
*MPG may be substituted for these lubricants, if necessary, but service intervals will be reduced.	

NOTICE

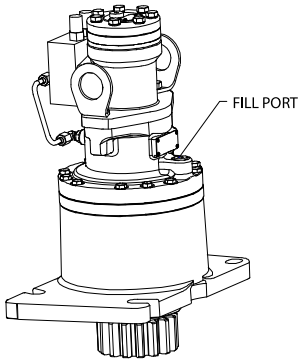
Lubrication intervals are based on machine operation under normal conditions. For machines used in multi-shift operations and/or exposed to hostile environments or conditions, lubrication frequencies must be increased accordingly.

Note: The following numbers correspond to those in the Operator Maintenance and Lubrication Diagram.

1. **Swing Bearing**
   Lube Point(s) – 1 Grease Fittings
   Capacity — A/R
   Lube — MPG
   Interval — Every 3 months or 150 hours of operation
   Comments — Remote Access. Apply grease and rotate in 90 degree intervals until bearing is completely lubricated.



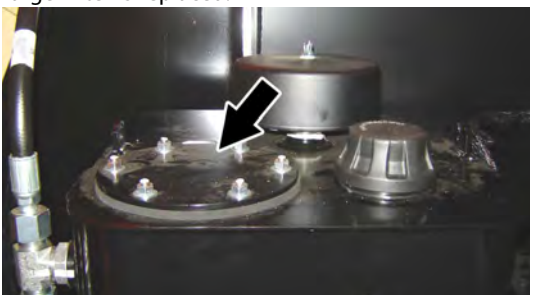
2. **Swing Drive Hub**
   Lube Point(s) — Level/Fill Plug
   Capacity – 32 oz. (0.95 L)
   Lube – 80w90 Gear Oil
   Interval — Check level every 3 months or 150 hours of operation. Change every 2 years or 1200 hours of operation



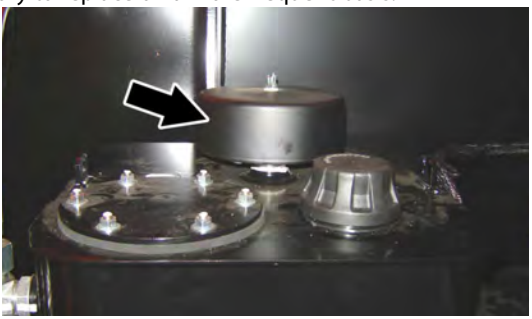
3. **Wheel Drive Hub**
   Lube Point(s) — Level/Fill Plug
   Capacity – 24 oz. (0.7 L)
   Lube – 80w90 Gear Oil
   Interval — Check level every 3 months or 150 hours of operation. Change every 2 years or 1200 hours of operation

4. **Hydraulic Charge Filter**
   Interval — Change after first 50 hours and every 6 months or 300 hours thereafter or as indicated by the Condition Indicator.

5. **Hydraulic Return Filter**
   Interval — Change after first 50 hours and every 6 months or 300 hours thereafter or whenever Charge Filter is replaced.



6. **Hydraulic Tank Breather**
   Interval — Change after first 50 hours and every 6 months or 300 hours thereafter.
   Comments — Remove wing nut and cover to replace. Under certain conditions, it may be necessary to replace on a more frequent basis.



7. **Hydraulic Tank**
   Lube Point(s) — Fill Cap
   Capacity – 34 gallon tank (129 L) 40.0 gallon system (151 L)
   Lube — HO
   Interval — Check Level daily; Change every 2 years or 1200 hours of operation
   Comments — On new machines, those recently overhauled, or after changing hydraulic oil, operate all systems a minimum of two complete cycles and recheck oil level in reservoir.

8. **Battery Pack**

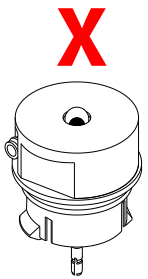
⚠ WARNING

Drained water may have been in contact with acid and may have become corrosive. Do not allow drain water to contact the skin or eyes. If it occurs, flush the contacted area with water and consult a doctor immediately. Appropriate equipment must be worn (gloves, goggles, rubber apron) to prevent the drained water from contacting the skin or any part of the body.

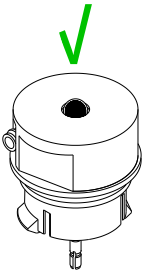
⚠ WARNING

Battery electrolyte must not be allowed to contact the skin or eyes. If it does occur, flush the contacted area with water and consult a doctor immediately. Appropriate equipment must be worn (gloves, goggles, rubber apron) to prevent the electrolyte from contacting the skin or any other part of the body during any servicing operation on the battery.

Electrolyte Level
Interval — Daily
Comments — Verify the electrolyte level after the charge using the floats in the center of each filling cap.



Float does not emerge = insufficient level



Float emerges = correct level

Fill the battery cells, if necessary using an off-board fill system..

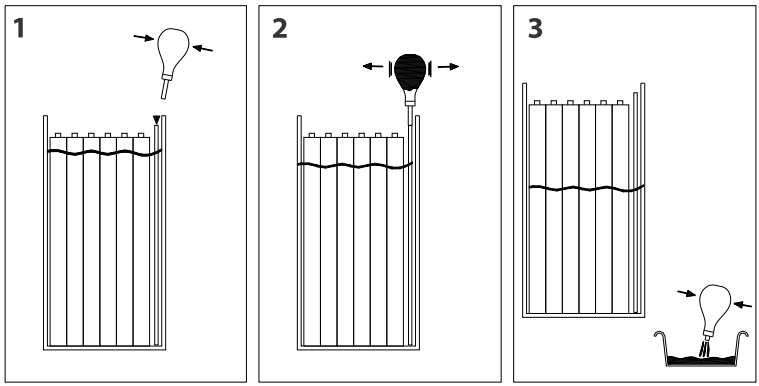
⚠ IMPORTANT

Use only distilled or de-mineralized water to fill the battery cells. Battery cells must be filled only after the charge (during the charge, the electrolyte level increases and can overflow).

- Connect to the Q/R Connector on each battery pack.
- Check that the level is correct in each battery cell.

Batter Maintenance
Interval — Weekly
Comments — It is necessary to clean the battery regularly to prevent salt formation and current arcing which could damage the machine.

- Clean and dry the battery top.
- Ensure the connections are clean and tight.
- Keep the metallic containers clean. In case of corrosion, clean, neutralize corrosion and apply anti-acid paint on the affected area.
- Drain the water that can accumulate at the bottom of the container (electrolyte overflow, leak in the centralized filling circuit, battery cleaning).
- Use the illustration below to drain the water.



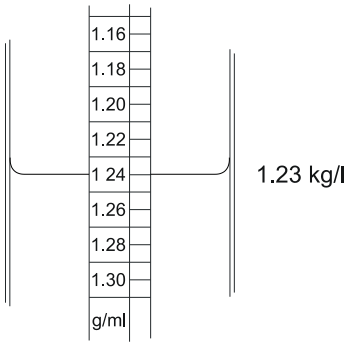
Note: The water that contacted a battery is classified as industrial waste, it must be disposed of according to regulations in force.

Checking Voltage and Specific Gravity
Interval — Monthly

Note: Voltage and specific gravity measures should not be performed after battery cells have been filled. These measures must be done after a complete charge once the charger has been unplugged and the machine has been standing for 15 mn.

Comments

- Open the battery cell filling cap.
- Using the hydrometer, take a quantity of electrolyte sufficient so that the float emerges. Ensure the float top does not touch the rubber bulb or that the float does not stick by capillarity to the glass wall.
- Read the value as indicated on the example below:



- Return the electrolyte in the cell and record cell electrolyte specific gravity in the battery service log.
- Repeat operation for each battery cell.
- Contact JLG Industries if important disparities are noticed between the gravity of the different cells and if the values are lower than 1.24.
- Check each cell voltage.
- Contact JLG Industries if important disparities are noticed between the voltage of the different cells.

Additional Maintenance Recommendations

Condition	Recommendation
Battery Usage in Cold Temperatures	Low temperatures decrease battery capacity. The battery must be fully charged when the work platform is operated in a cold chamber or in cold weather condition.
Battery Not Working Continuously or Inactive Battery	A battery that is not used or used intermittently must be stored charged in a dry area away from freezing temperatures. A charge must be performed once a month. • Unplug the battery to insulate it electrically. • Keep the top of the battery clean and dry to prevent self discharge.

⚠ IMPORTANT

If the battery is not used continuously, it must be recharged before use and at least once per month, even if the electrolyte specific gravity measures are high.

Before servicing a battery which remained inactive for a long period of time, recharge the battery and check the electrolyte level in the cells

Table 2. Troubleshooting Battery Packs

Symptom	Probable Cause	Solution
Electrolyte overflow.	Filling done before the charge.	Fill battery cells after the charge.
	Cells overfilled.	
	Overcharge.	Never charge battery if electrolyte specific gravity is above 1,240 kg/l.
Unequal electrolyte specific gravity or electrolyte specific gravity too low.	Filling done before the charge.	Fill battery cells after the charge.
	Loss of electrolyte due to overflow.	Perform an equalization charge.
	Stratification of the electrolyte.	Contact your JLG Distributor/Product Support.
Low voltage in the cells in open circuit.	Electrolyte specific gravity too low.	Refer to **Checking Voltage and Specific Gravity**.
	Short-circuit.	Clean battery top.
Battery cells temperature too high. Over 113° F (45° C).	Problem with the charger.	Get the charger checked by a technician.
	Bad air circulation during charge.	Open access doors to batteries during charge. Reduce temperature of the area where the battery is charged (artificial ventilation).
	Cell weak or faulty.	Change battery cell.
	Cells shorted.	
Battery incapable of supporting regular operation.	Battery under charged.	Perform an equalization charge.
	Cell faulty.	Replace faulty cell.
	Faulty cable or connection.	Check wire condition and connection.
	Battery at the end of its service life.	Replace the battery.

4.3 BATTERY MAINTENANCE

⚠ WARNING

To avoid injury from an explosion, do not smoke or allow sparks or a flame near battery during servicing. Always wear eye and hand protection when servicing batteries.

4.3.1 Battery Maintenance (Daily)

⚠ WARNING

When battery charger is to be used, charging harness must be plugged into a grounded receptacle. If receptacle is not grounded and a malfunction should occur, the machine could cause serious electrical shock.

For increased battery life:

- Batteries should be kept at highest state of charge permitted by availability at job site and machine use. Charge batteries before they reach 20% state of charge. Avoid completely discharging the batteries.
- Fully charge the batteries each day the machine is used.
- Charge the batteries at available times between use.

4.4 SUPPLEMENTAL INFORMATION ONLY APPLICABLE TO CE/UKCA MACHINES

The following information is provided in accordance with the requirements of the European Machinery Directive 2006/42/EC or Supply of Machinery (Safety) Regulations 2008 No. 1597.

The A-Weighted emission sound pressure level at the work platform is less than 70dB(A).

The vibration total value to which the hand-arm system is subjected does not exceed 2,5 m/s^2. The highest root mean square value of weighted acceleration to which the whole body is subjected does not exceed 0,5 m/s^2.

4.5 EC DECLARATION OF CONFORMITY

Manufacturer
JLG Industries, Inc.

Address
1 JLG Drive
McConnellsburg, PA 17233 USA

Technical File
JLG EMEA B.V.
Polaris avenue 63,
2132 JH Hoofddorp
The Netherlands

Contact/Position
Senior Manager — Product Safety & Reliability

Date/Place
Hoofddorp, Netherlands

Machine Type
Mobile Elevating Work Platform

Model Type
660SJ Electric

EC-Number
2443

Certificate Number
DK-MAC000052

Notified Body
TÜV SÜD Danmark

Address
Sreandvejen 125
2900 Hellerup, Denmark

Reference Standards

- EN 55011:2009/A1:2010
- EN 61000-6-2:2005
- EN 60204-1:2018
- EN 280:2013+ A1:2015
- EN ISO 12100:2010

JLG Industries, Inc. hereby declares that the above mentioned machine conforms with the requirements of:

- 2006/42/EC — Machinery Directive
- 2014/30/EU — EMC Directive
- 2014/53/EU — RED Directive (If fitted with optional equipment)
- 2000/14/EC — Outdoor Noise Directive

Note: This declaration conforms with the requirements of annex II-A of the council directive 2006/42/EC. Any modification of the above described machine violates the validity of this declaration.

4.6 UKCA DECLARATION OF CONFORMITY

Manufacturer
JLG Industries, Inc.

Address
1 JLG Drive
McConnellsburg, PA 17233 USA

Technical File
JLG Industries UK Ltd
Braunstone Frith Industrial Estate
Unit 3 Sunningdale Road
Leicester, LE3 1UX
United Kingdom

Contact/Position
Director of Engineering — Europe

Date/Place
Leicester, United Kingdom

Machine Type
Mobile Elevating Work Platform

Model Type
660SJ Electric

AB-Number
0168

Certificate Number
UK-MAC000051

Approved Body
TÜV SÜD BABT

Address
Octagon House, Concorde Way Segensworth North
Fareham, Hampshire, PO15 5RL England

Reference Standards

- EN 55011:2009/A1:2010
- EN 61000-6-2:2005
- EN 60204-1:2018
- EN 280:2013+ A1:2015
- EN ISO 12100:2010

JLG Industries, Inc. hereby declares that the above mentioned machine conforms with the requirements of:

- 2008 No. 1597 - Supply of Machinery (Safety) Regulations 2008
- 2016 No. 1091 - Electromagnetic Compatibility Regulations 20165
- 2017 No. 1206 - Radio Equipment Regulations 2017 (if fitted with optional equipment)
- 2001 No. 1701 - Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001

Note: This declaration conforms with the requirements of annex II-A of the Regulations 2008 No. 1597. Any modification of the above described machine violates the validity of this declaration.

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Serial Number _____

Date	Comments

Inspection, Maintenance and Repair Log

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