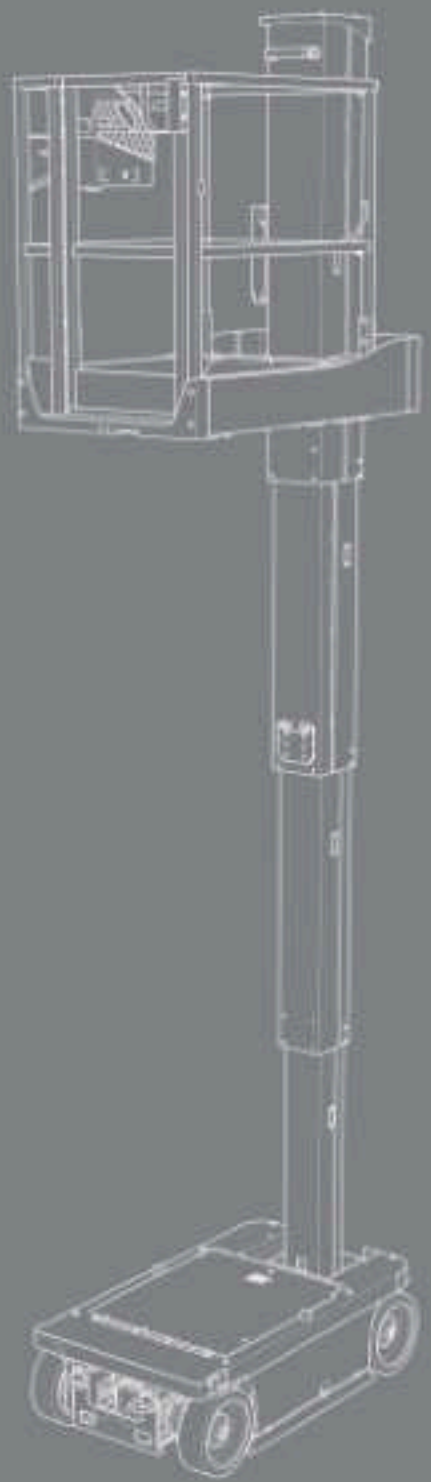
SKYJACK

OPERATION MANUAL

SJ12, SJ16

VERTICAL MAST



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ANSI/CSA

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1.4 Maintenance responsibility

1.4-1 Operator

Before the beginning of each shift, do all the daily inspections and function tests. Refer to *Section 4*.

1.4-2 Maintenance and inspection schedule

Refer to the service manual for frequent, periodic, and annual inspections.

The actual operating environment of the MEWP may affect the maintenance schedule.

IMPORTANT

Only use original or manufacturer-approved parts and components for the MEWP.

NOTE

Refer to the Skyjack web site (www.skyjack.com) for machine registration and the latest service bulletins before you do frequent/periodic or annual inspections.

1.4-3 Owner

The owner is responsible for maintenance inspections and repairs. Refer to the service manual for the recommended maintenance and inspection areas and intervals. Keep a record of the annual inspection on the label on the mast assembly. Refer to *Section 7.2* in this manual.

⚠ WARNING

Only trained and qualified/competent personnel, who understand the mechanical procedures, may do maintenance on the MEWP. The use of a MEWP that is not properly maintained or in the correct working condition could result in death or serious injury.

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5.6 Steer

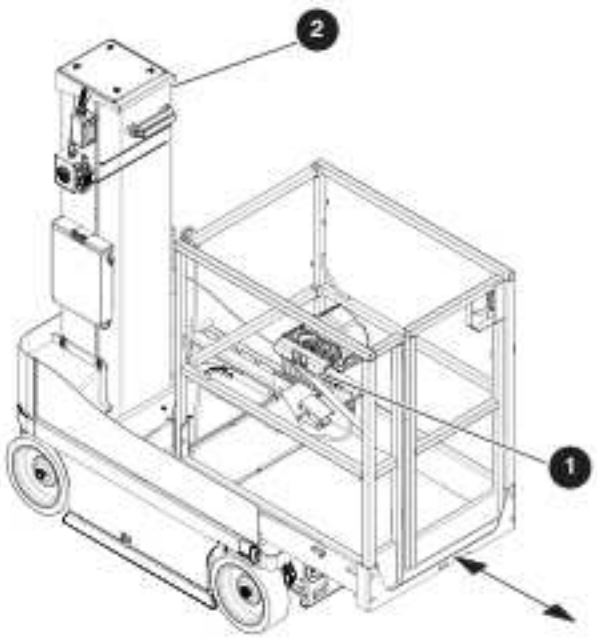
1. Energize the platform control console (refer to *Section 5.3*).
2. Move the **lift**/**off**/**drive** switch to the drive position.
3. Squeeze and hold the **function-enable** switch.
4. Push the **steering rocker** switch on top of the **controller handle** in one of the two directions to steer.

NOTE

The steer function is not proportional. Drive and steer functions can be active at the same time.

5.7 Platform Traversing

1. To traverse the platform, step on the foot pedal on the platform ❶ and grasp the platform repositioning handle ❷ then carefully push/pull the platform until desired location is reached.



2. Ensure the foot pedal ❶ rests in one of the locking slots.

NOTE

When the platform is traversed, the drive function is disabled. Make sure to fully retract the platform to enable the drive function.

5.8 Raise and lower with the SGLE platform control console (optional equipment)

1. Energize the platform control console (refer to *Section 5.3*).
2. Move the **lift**/**off**/**drive** switch to the **lift position**.

⚠ WARNING

Look for overhead obstructions or other possible hazards around the MEWP when you raise the platform. Do not lower the platform unless the area below is clear of personnel and obstructions. If you do not obey, there is a risk of death or serious injury.

3. Push and hold the **SGLE** push-button and squeeze the **function-enable** switch.
4. Push the **controller handle** until you are at the necessary height.
5. Squeeze the **function-enable** switch.
6. Pull the **controller handle** to lower the platform.

NOTE

The SGLE does not have an effect on these functions: lower, drive, steer, or emergency-lowering.

7. Release the **controller handle** until it goes back to the center position to stop. Release the **function-enable** switch.

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7.6 Floor Loading Capacity

Model		Total MEWP Weight	Total MEWP Load		
			Wheel**	LCP***	OFL***
SJ12	min*	863 kg (1905 lb)	275 kg (610 lb)	647 kPa (94 psi)	7.8 kPa (162 psf)
	max*	1090 kg (2405 lb)	430 kg (950 lb)	891 kPa (129 psi)	9.8 kPa (205 psf)
SJ16	min*	980 kg (2160 lb)	355 kg (783 lb)	774 kPa (112 psi)	8.8 kPa (184 psf)
	max*	1207 kg (2660 lb)	510 kg (1125 lb)	1010 kPa (146 psi)	10.8 kPa (226 psf)

* **Min:** Minimum MEWP weight (Unloaded platform, no options/attachments) *1836AB*
Max: Maximum MEWP weight (Platform loaded to capacity with options/attachments)

** **Wheel** is the weight that can be experienced on one wheel
Note: *This is more than 25% of the machine weight due to possible weight distribution over the machine and platform.*

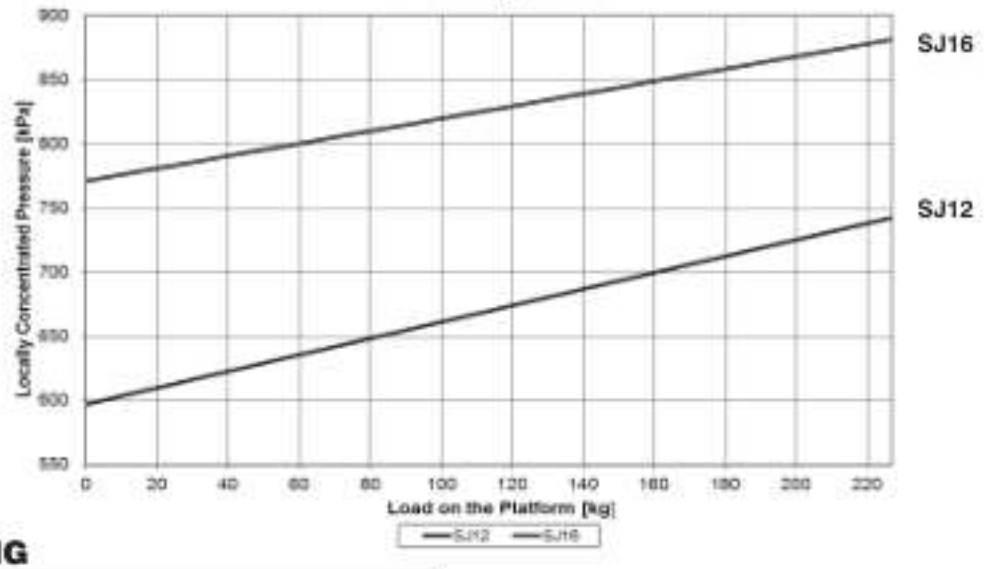
*** **LCP:** Local Concentrated Pressure is a measure of how hard the MEWP presses on the area in direct contact with the floor/tire.
OFL: Overall Floor Load (Pressure) is a measure of the average load the MEWP imparts on the whole surface directly underneath the chassis. This has been calculated by dividing the MEWP weight by the overall floor area occupied by the MEWP (on wheels).

Note: *The floor covering (e.g., tile, carpet, etc.) or the structure (e.g., beams) of the operating surface must be able to withstand more than the values indicated above.*

NOTE

The **LCP** *or* **OFL** *that an individual surface can withstand varies from structure to structure and is generally determined by the engineer or architect for that particular structure.*

Floor Loading Pressure



⚠ WARNING

Do not use tires other than the tires that Skyjack specifies for this MEWP. Do not mix different types of tires or use tires that are not in good condition. Only replace the tires with the same types that are approved by Skyjack. The use of other tires can make the MEWP less stable. If you do not obey, there is a risk of death or serious injury.

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DO NOT drive elevated near depressions or holes of any type, loading docks, debris, drop-offs or surfaces that may affect the stability of the MEWP.

IF OPERATION IN AREAS WITH HOLES OR DROP-OFFS IS ABSOLUTELY NECESSARY, elevated driving shall not be allowed. Position the MEWP horizontally only with the platform fully-lowered. After ensuring that all 4 wheels have contact with a firm, level surface, the platform can be raised. After elevation, the drive function must not be activated.

DO NOT ascend or descend grades greater than the maximum inclines listed in *Section 7.3*. Ascending or descending slopes must only be done when fully lowered.



DO NOT operate a MEWP that has ladders, scaffolding, or other devices on it to increase the platform size or work height.



DO NOT exceed the maximum side force on the platform capacity label when elevated (refer to *Section 7.5*).



DO NOT use the MEWP as a crane.



DO NOT sit, stand, or climb on the guardrails.



DO NOT climb on the base or the mast.









DO NOT collide or crush. Be aware of obstructions, personnel, or other possible hazards around the MEWP when elevating, lowering, or driving. Keep all body parts inside the platform when elevating or driving. Be aware of blind spots when operating the MEWP.



DO NOT elevate the platform when the MEWP is on a truck, forklift, or other device or vehicle.

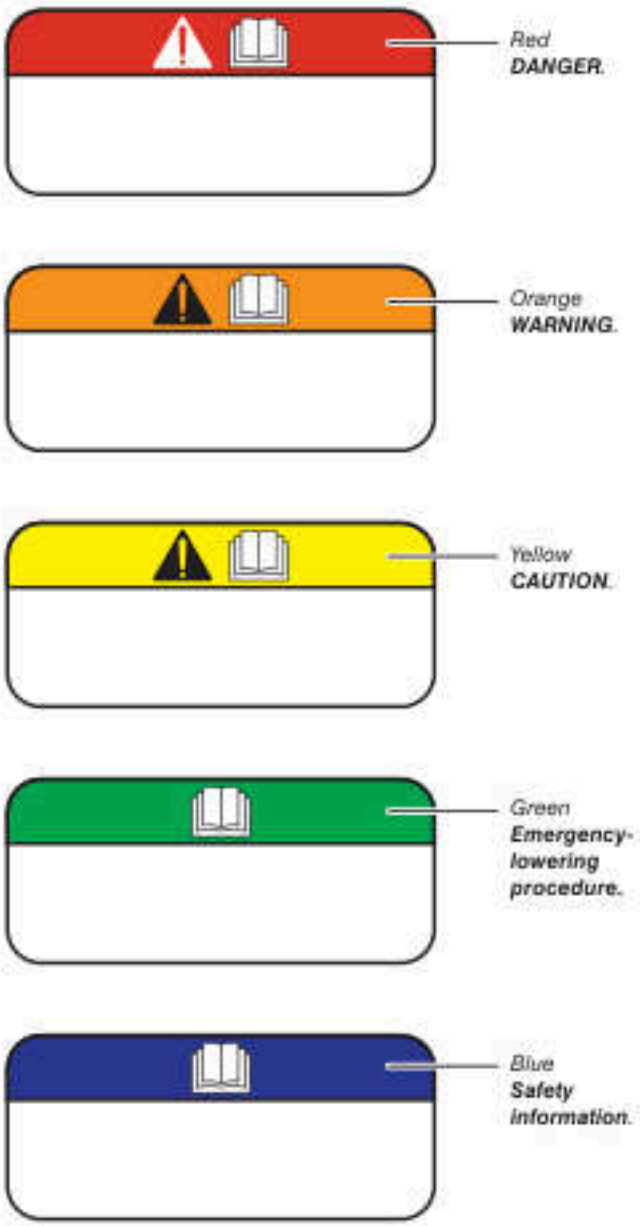


DO NOT use the MEWP when the wheels or tires are damaged (refer to *section Section 4.2-4*).

Make sure the wheel nuts and cotter pins are in place.

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Section 8 – Labels



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