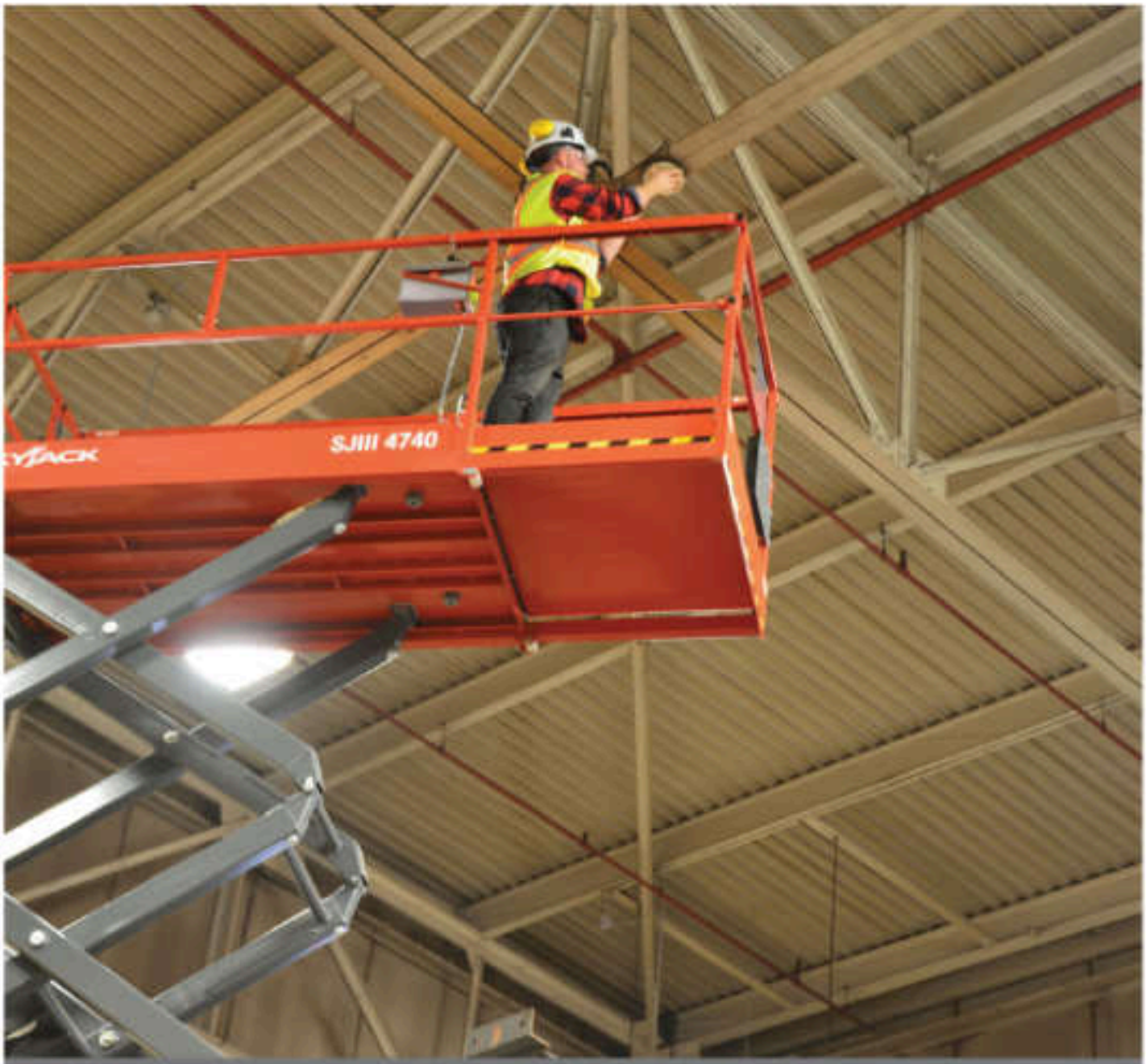


OPERATING MANUAL (ANSI/CSA)

DC ELECTRIC SCISSORS

MODEL SJIII 4740

198735AHA
February 4 2026

SKYJACK

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3.8-3 To Activate Platform Control Console

1. Turn main power disconnect switch to "|"on position.
2. On base control console, pull out "●" emergency stop button.
3. Select off/platform/base key switch to "" platform position.

WARNING

Ensure that you maintain three points of contact when using the ladder to mount/ dismount platform.

4. Use the ladder of MEWP to access platform.
5. Close the gate.
6. On platform control console, pull out "●" emergency stop button.

3.8-4 To Raise or Lower Platform Using Platform Control Console

WARNING

Be aware of overhead obstructions or other possible hazards around the MEWP when lifting.

WARNING

Do not lower the platform unless the area below is clear of personnel and obstructions.

1. Activate platform control console (refer to Section 3.8-3).
2. Select lift/off/drive switch to "" lift position.
3. Activate and hold "" enable trigger switch.
4. Move controller handle forward or backward until desired height is reached.

NOTE

Lowering is not proportional.

5. Return controller to neutral center position to stop. Release "" enable trigger switch.

WARNING

To protect against unintended movement of the MEWP, push in the emergency stop button after you have arrived at your desired location or elevation.

NOTE

If the tilt alarm sounds and the platform does not, or only partially raises, immediately lower the platform completely and ensure that the MEWP is on a firm level surface.

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3.12 Maintenance Supports Procedure

This section provides the operator with procedure regarding deployment and storage of maintenance supports.

The maintenance supports are a safety mechanism designed to support the scissor assembly. When properly positioned they can support the scissor assembly and empty platform. The maintenance supports must be used when inspection and/or maintenance is to be performed within the lifting mechanism.

⚠ WARNING

The maintenance supports must be used when inspection and/or maintenance or repairs are to be performed within the lifting mechanism. Failure to use this safety mechanism could result in death or serious injury.

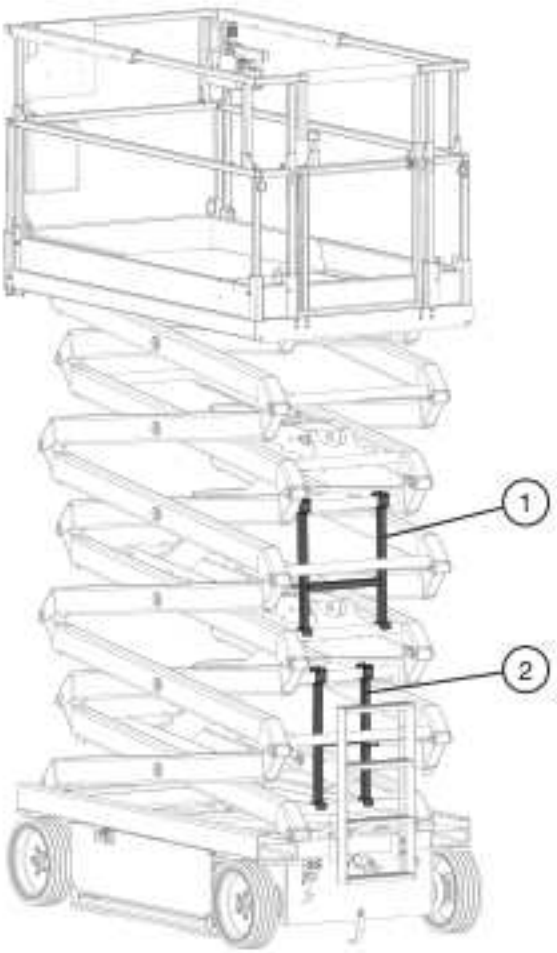


Figure 3-29. Maintenance Supports

To Deploy the Maintenance Supports

1. Remove all material from platform.
2. Raise platform until there is adequate clearance to swing down upper maintenance support (item 1).
3. Swing upper maintenance support down from storage bracket into a vertical position.
4. Swing lower maintenance support down from storage bracket into a vertical position (item 2).
5. Remove hands and arms from scissors area.
6. Lower platform until bottom ends of maintenance supports contact the labeled cross bar and scissors are supported by both maintenance supports.
7. Turn main power disconnect switch to "○" off position.

To Store the Maintenance Supports

1. Turn main power disconnect switch to "|" on position.
2. Raise platform until there is adequate clearance to swing up the upper and lower maintenance supports.
3. Swing the upper bar fully up into storage bracket.
4. Swing the lower bar fully up into storage bracket.
5. Lower the platform.

⚠ WARNING

Do not reach through the scissor assembly when the platform is raised without the maintenance support properly positioned. Failure to avoid this hazard could result in death or serious injury.

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Table 4.3 Specifications and Features

MODEL	4740
Weight *	7500 lb.
	3402 kg
Overall width	47.1 in.
	1.20 m
Overall length	94.7 in.
	2.4 m
Platform Size (inside)	41.7 in. x 86.1 in.
	1.06 m x 2.19 m
Height	
Working Height	45 ft. 6 in.
	13.86 m
Platform Elevated Height	39 ft. 6 in.
	12.04 m
Stowed Platform Height (Railings Down) **	87.3 in.
	2.22 m
Stowed Platform Height (Railings Down) ***	78.2 in.
	1.99 m
Stowed Platform Height (Railings Up)	97.9 in.
	2.48 m
Drive Height	39 ft. 6 in.
	12.04 m
Standard Operating Time	
Lift Time (No Load)	67 s
Lower Time (No Load)	54 s
Lift Time (Rated Load)	76 s
Lower Time (Rated Load)	46 s
Chassis	
Normal Drive Speed	1.9 mph
	3.06 km/h
Elevated Drive Speed	≤ 0.5 mph
	≤ 0.8 km/h
Gradeability	25%
Tires	16 x 5 x 12
	Solid Rubber
Hydraulic Oil	
Type	ATF
	Bio-Oil
Capacity	7.4 Gallons
	28 Liters

401B

* Weight with standard 4 ft. (1.2 m) extension platform. Refer to serial nameplate for specific applications.

** Mid-rail height of: 26.9 in. (0.68 m) (measured from the platform floor to the top of the mid-rail)

*** Mid-rail height of: 20.9 in. (0.53 m) (measured from the platform floor to the top of the mid-rail)

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Safety Precautions

Know and understand the safety precautions before going on to next section.

WARNING

Failure to heed the following safety precautions could result in tip over, falling, crushing, or other hazards leading to death or serious injury.

- **KNOW** all national, state or territorial/provincial and local rules which apply to your MEWP and jobsite.
- **TURN** main power disconnect switch "○" off when leaving the MEWP unattended. Remove the key to prevent unauthorized use of the MEWP.
- **WEAR** all the protective clothing and personal safety devices issued to you or called for by job conditions.
- **DO NOT** wear loose clothing, dangling neckties, scarves, rings, wristwatches or other jewelry while operating this lift.



- **AVOID** entanglement with ropes, cords or hoses.



- **AVOID** falling. Stay within the boundaries of the guardrails.



- **DO NOT** raise the MEWP or operate elevated in windy or gusty conditions that exceed the limits specified in Section 4, Table 4.5.



- **DO NOT** increase the lateral surface area of the platform. Increasing the area exposed to the wind will decrease MEWP stability. Avoid tenting.



- **DO NOT** drive elevated on a soft or uneven surface.



- **DO NOT** elevate the MEWP if it is not on a firm, level surface.
- **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 or outriggers (if equipped) have contact with a firm, level surface, the MEWP can be elevated. After elevation, the drive function must not be activated.



- **DO NOT** elevate or drive elevated on a slope. Elevated driving must be done on a firm, level surface.
- **DO NOT** ascend or descend a grade when elevated. When fully-lowered, ascend or descend grades up to maximum rated inclines listed in Table 4.3.



- **DO NOT** operate on surfaces not capable of holding the weight of the MEWP including

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2.5 Winching and Towing Procedures

This section provides the operator with the Winching and Towing procedure, which includes instructions on how to manually release the brakes.

WARNING

Ensure platform is fully lowered before winching or towing. Sudden motion could cause the MEWP to become unstable. Death or serious injury could result.

WARNING

In emergency situations where MEWP functions are not available and lowering is impeded by an obstacle, utmost care must be taken to move MEWP far enough to clear the obstacle. In such cases, operation must be extremely smooth with no sudden movements and must not exceed a speed of 2"/sec (50 mm/sec).

WARNING

When pushing, winching or towing, do not exceed 2 mph (3.2 km/h).

WARNING

Do not push, winch or tow MEWP onto a slope, or brake the towing vehicle rapidly. Do not pull MEWP down an incline towards a winch.

2.5-1 To Release Free-wheeling Valve

1. Ensure MEWP is on level ground. Chock or block the wheels to keep MEWP from rolling.

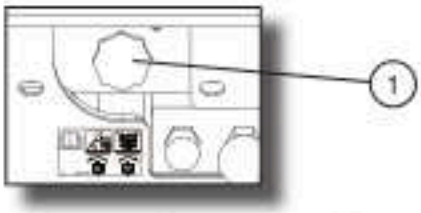


Figure 2-7. Free-wheeling Valve

2. **Free-wheeling Valve** - Turning valve knob counterclockwise (item 1) to a fully opened position allows fluid to flow through the wheel motors, thus providing "free-wheeling."

WARNING

The free-wheeling valve must be closed tightly (clockwise) for normal operation.

2.5-2 To Release Brakes Manually

WARNING

Do not manually disengage brakes if the MEWP is on a slope.

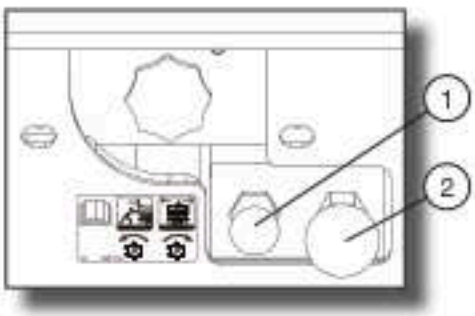


Figure 2-8. Brakes

WARNING

Brakes must be manually disengaged for pushing, winching or towing.

1. Ensure MEWP is on level ground. Chock or block wheels to keep MEWP from rolling.

It is the responsibility of the operator to read, completely understand and follow all instructions and warnings contained in this operating manual and on the aerial platform.

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