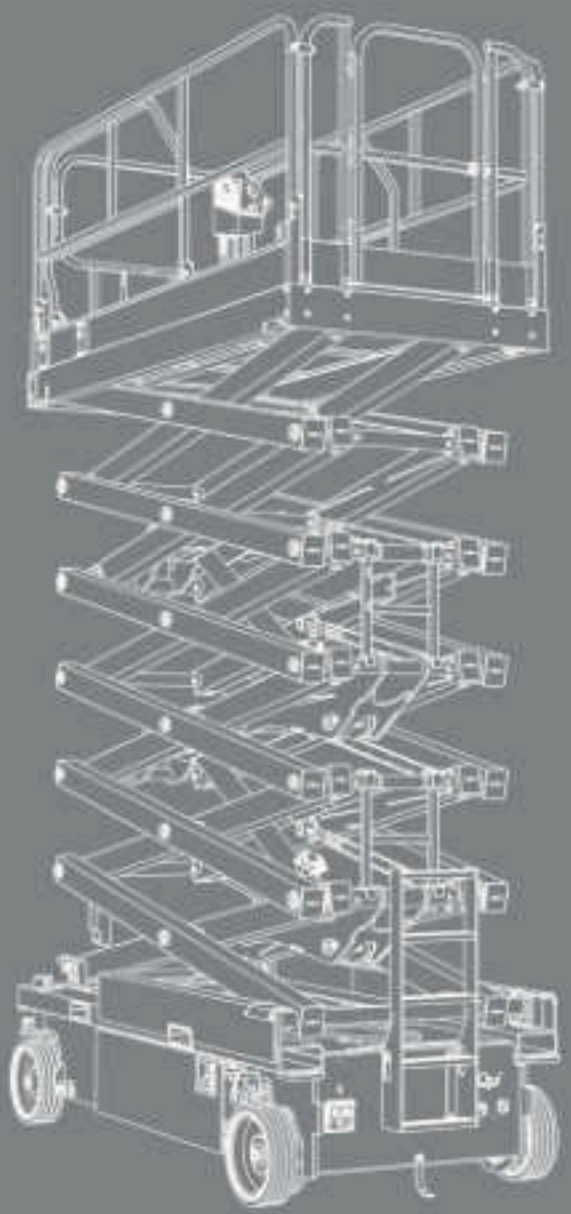
SKYJACK

OPERATION MANUAL

SJ5545 E

DC ELECTRIC SCISSORS



264261ACA
May 2026
ANSI/CSA

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5.3 Energize the platform control console

1. Turn the **main power disconnect** switch to the on position.
2. Pull the **emergency-stop** button on the base control console.

⚠ WARNING

If you do not hear a beep and the light does not come on, lock and tag the MEWP. Remove the MEWP for servicing. If you do not obey, there is a risk of death or serious injury.

3. Turn the **off/platform/base key** switch to the platform position.

⚠ WARNING

Fall hazard. Use the three points of contact principle when you use the MEWP ladder to enter or exit the platform. If you do not obey, there is a risk of death or serious injury.

4. Enter the platform and close the gate.
5. Pull the **emergency-stop** button on the platform control console.

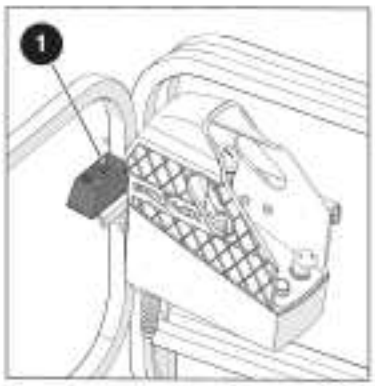
5.4 Raise or lower the platform with the platform control console

1. Energize the platform control console (refer to *Section 5.3*).

⚠ 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.

2. Lift the **dual height** switch ❶ and select the indoor (no wind) or outdoor (wind) position.



3. Move the **lift/off/drive** switch to the lift position.
4. The indicator light turns green to indicate the lift function is enabled.
5. Squeeze and hold the **function-enable** switch.

NOTE

The drive or lift function is enabled for 10 seconds. The power to both drive and lift circuits disconnects if the function-enable switch is not used within 10 seconds.

6. Move the **controller handle** until you are at the necessary height.
7. Squeeze the **function-enable** switch.
8. Pull the **controller handle** to lower the platform.
9. Move the **controller handle** to the neutral central position to stop. Release the **function-enable** switch.

NOTE

The lower function is not proportional.

⚠ WARNING

If the tilt alarm makes a sound, and the platform does not rise or does not fully rise:

1. **Fully lower the platform immediately.**
2. **Make sure the MEWP is on a firm, level surface.**

If you do not obey, there is a risk of death or serious injury.

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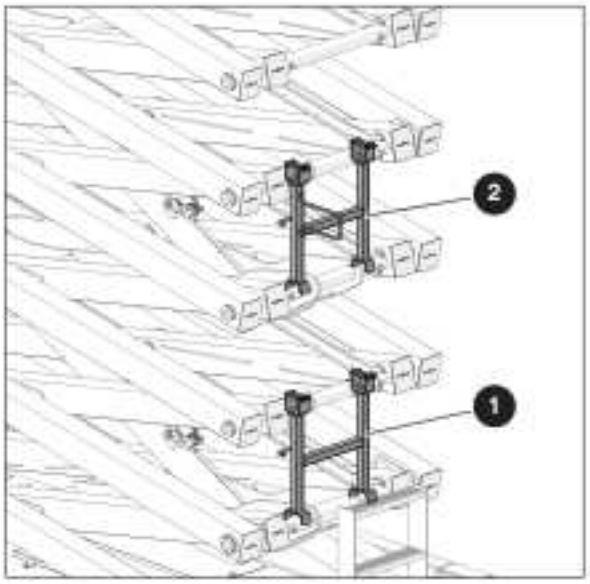
6.7-1 Deploy the maintenance supports

1. Remove all personnel and material from the platform.

⚠ 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.

2. Raise the platform until there is adequate clearance to deploy the **maintenance supports.**
3. Deploy the **lower maintenance support** ❶.
4. Deploy the **top maintenance support** ❷.
5. Lower the platform until the **maintenance supports** touch the cross members with labels, and the platform stops.
6. Turn the **main power disconnect** switch to the off position.



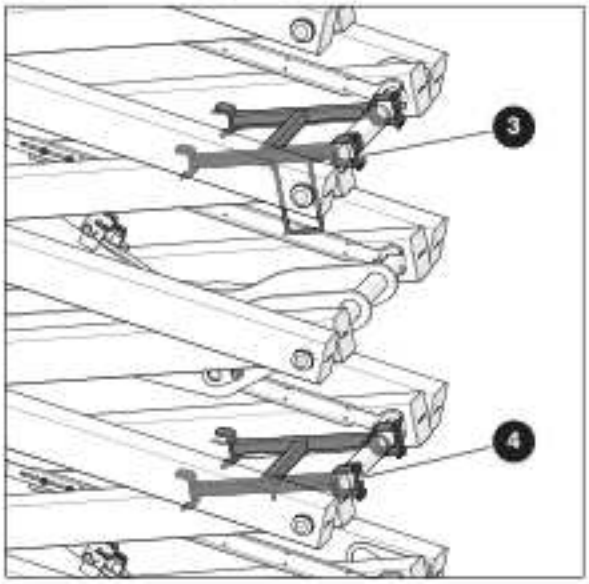
6.7-2 Store the maintenance supports

1. Turn the **main power disconnect** switch to the on 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.

2. Raise the platform until there is adequate clearance to retract the **maintenance supports**.
3. Retract the **maintenance supports** ❸ ❹ into the storage bracket.
4. Fully lower the platform.



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7.3 Specifications

Model	SJ5545 E
Weight *	3481 kg (7675 lb)
Overall Width	1.39 m (4 ft 6.7 in)
Overall Length (Platform Retracted)	2.92 m (9 ft 7 in)
Overall Length (Platform Extended)	3.77 m (12 ft 4.4 in)
Platform Size Inside (Platform Retracted)	2.64 m (8 ft 8 in)
Platform Size Inside (Platform Extended)	3.56 m (11 ft 8.2 in)
Height	
Working Height	15.54 m (51 ft)
Platform Elevated Height	13.72 m (45 ft)
Stowed Height (Railings Down)	2.02 m (6 ft 7.5 in)
Stowed Height (Railings Up)	2.79 m (9 ft 1.8 in)
Elevated drive speed trip height	2.82 m (9 ft 3 in)
Pothole drive cutout height	3 m (9 ft 10 in)
Drive Height (Maximum)	13.72 m (45 ft)
Standard Operating Times	
Lift Time (No Load)	93 s
Lower Time (No Load)	63 s
Lift Time (Rated Load)	104 s
Lower Time (Rated Load)	56 s
Chassis	
Normal Drive Speed	3.2 km/h (2 mph)
Elevated Drive Speed	0.58 km/h (0.36 mph)
Gradeability (Ramp Angle)	25%
Tires (Solid Rubber)	16 x 5 x 12
Hydraulic Oil	
Type	ATF DEXRON III
Tank Capacity (Liters)	33 L (8.7 gal)
Sound Pressure Level at Platform Level	
Does not exceed:	70 db(A)
Whole Body Vibration	
Whole body vibration on the platform does not exceed 0.5 m/sec^2.	

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* *Weight with standard 0.91 m (36 in) extension platform. Refer to serial nameplate for specific applications.*

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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 is not allowed. Position the MEWP horizontally only with the platform fully lowered. After you make sure that all four wheels have contact with a firm, level surface, you can raise the platform. 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 shown on the capacity label when the platform is 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 scissor arm assembly.









DO NOT collide with or crush the MEWP against any obstructions, personnel, or other possible hazards 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.



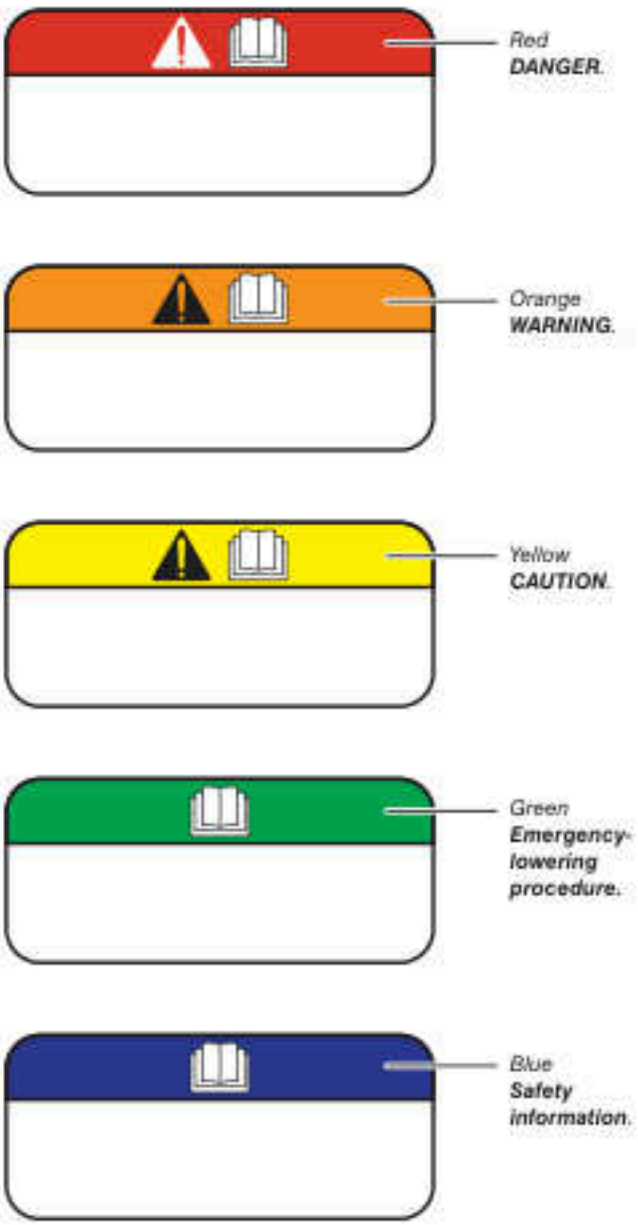
DO NOT elevate the platform when the MEWP is on a truck, forklift, or other device or vehicle.



DO NOT use the MEWP when the wheels or tires are damaged. Make sure the wheel nuts and cotter pins are in place. Refer to *Section 4.2-5*.

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Section 8 – Labels



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