

OPERATING MANUAL (ANSI/CSA)

ROUGH TERRAIN SCISSORS

MODEL SJ6832 RTE

159176AFA November 3 2022

SKYJACK

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3.8-3 To Activate Platform Control Console

1. Turn main power disconnect switch to "I" on position.
2. On the base control console, pull out the "●" emergency stop button.
3. Insert key into platform/off/base key switch and turn it to "⛟" enable platform controls.

⚠ WARNING

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

4. Use the ladder of aerial platform 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 aerial platform 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. On platform control console, select lift/drive switch to "↑↓" lift position.
3. Activate and hold "enable trigger switch.
4. Move controller handle forward "↑" to raise or backward "↓" to lower the platform, 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 aerial platform, 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 aerial platform is on a firm, level surface.

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3.12 Maintenance Support Procedure

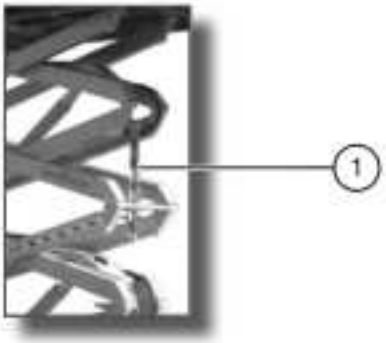


Figure 3-16. Maintenance Support

1. **Maintenance Support** - The maintenance support is a safety mechanism designed to support the scissor assembly. When properly positioned it can support the scissor assembly and empty platform. The maintenance support must be used when inspection and/or maintenance is to be performed within the lifting mechanism.

⚠ WARNING

The maintenance support 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.

To Deploy the Maintenance Support

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

To Store the Maintenance Support

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

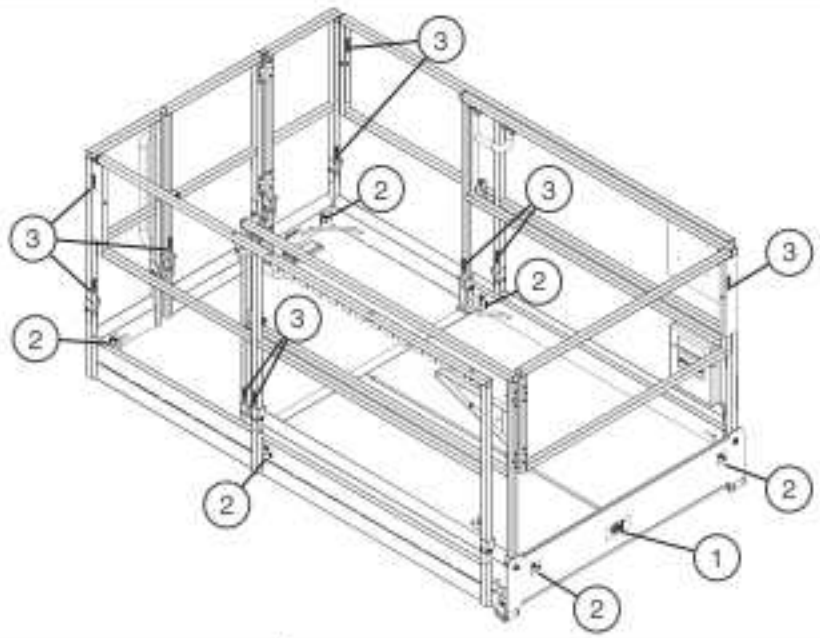
⚠ WARNING

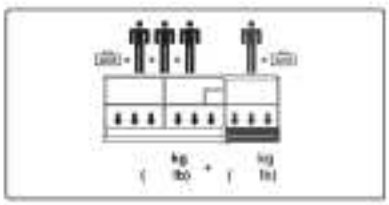
Do not reach through the scissor assembly when the platform is raised without the maintenance support properly positioned. Failure to avoid this hazard could result in death or serious injury.

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Labels · Model 6832RTE

Platform View



No.	Label Pictorial	Description
1		**Platform Capacity** Platform capacity label for 6832RTE. Rated work load in each configuration is as shown. Rated work load includes the weight of both personnel and material. Maximum number of people in each configuration is as shown. Do not exceed total weight or maximum number of people. Load platform uniformly.
2		**Harness Anchorage** Anchor safety belt/harness tethers here.
3		**Railing Pins (Vertical)** WARNING! Falling Hazard. Ensure hinged railing is pinned.

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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/provincial and local rules which apply to your aerial platform and jobsite.
- **TURN** main power disconnect switch "◯" off when leaving the aerial platform unattended. Remove the key to prevent unauthorized use of the aerial platform.
- **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 aerial platform.



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



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



- **DO NOT** raise the aerial platform or operate elevated in windy or gusty conditions that exceed the limits specified in Section 4, Table 4.4.



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



- **DO NOT** elevate the aerial platform 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 aerial platform.



- **IF OPERATION IN AREAS WITH HOLES OR DROP-OFFS IS ABSOLUTELY NECESSARY,** elevated driving shall not be allowed. Position the aerial platform 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 aerial platform 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, ascending or descending, only grades up to rated maximum listed in Table 4.2 are permissible.



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3.6-2 Hybrid Power Pack (HPP) (If Equipped)

The sole purpose of this HPP is to charge the battery. It runs either automatically or manually. In automatic mode, the HPP automatically starts when the battery level drops to a 50% charge level and automatically shuts off at 90%. In manual mode, the operator decides when to start the HPP. It is located on the right side of the motor/hydraulic compartment.

DANGER

ONLY operate HPP in a well ventilated area. Running HPP emits carbon monoxide, which can cause nausea or death if inhaled.

WARNING

The HPP exhaust contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

CAUTION

Turn off HPP before connecting AC supply.

HPP Component Identification

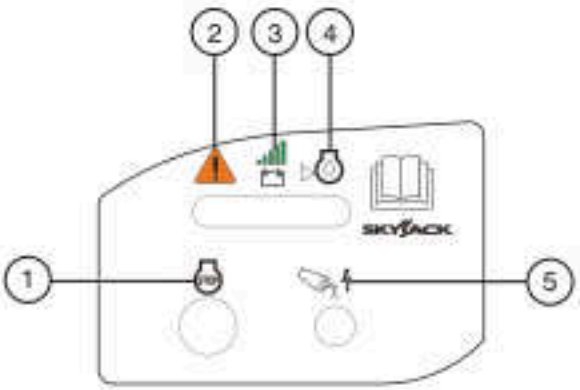


Figure 3-5. HPP Component Identification

1. : Push to turn off HPP.
2. : Red LED light indicates power overload.
3. : Green LED light indicates normal charging condition.
4. : Red LED light indicates low oil level.
5. : In case of power overload, push to reset power circuit breaker.

NOTE

For maintenance, refer to HPP manual.

HPP Fuel On/Off Switch

NOTE

Ensure the HPP fuel on/off switch is in "|" on position before attempting to start the HPP.

1. Remove locking pin (shown in Figure 3.6) and rotate HPP to access the HPP fuel on/off switch.

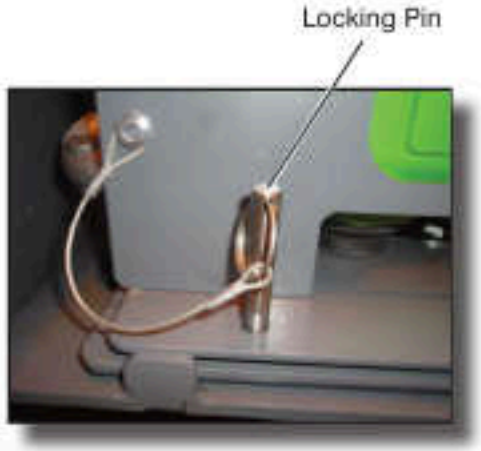


Figure 3-6. HPP Locking Pin

2. Turn HPP fuel on/off switch to "|" on position (shown in Figure 3.7).



Figure 3-7. HPP Fuel On/Off Switch

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