



SERVICE ADVISORY
DATE: SEPTEMBER, 1ST 2010

TECHNICAL SERVICE

You may e-mail questions to service@skyjack.com
PHONE: 1-800-275-9522, or 44 1691 676 235

SUBJECT
OUTRIGGER INTERLOCKS – INSPECTION
APPLIES TO: ALL SKYJACK ROUGH TERRAIN SCISSOR LIFT MODELS
EQUIPPED WITH OUTRIGGERS
ISSUED: September 2010

As outlined in the applicable Skyjack Operator and Service Manuals, operators and owners are responsible for conducting various regular inspections of the scissor lift. The following supplementary instructions provide further detail for the regular inspection of outrigger interlocks. As outlined in Skyjack manuals and various applicable regulations, this inspection must be completed as part of the required daily, frequent, and annual inspections. If these inspections have not been performed on a regular basis, an inspection by a qualified person should be performed immediately.

WARNING

If any outrigger interlocks fail to operate in the expected manner, the aerial platform should be tagged and removed from operation immediately.
Repairs to the aerial platform may only be made by a qualified service technician.

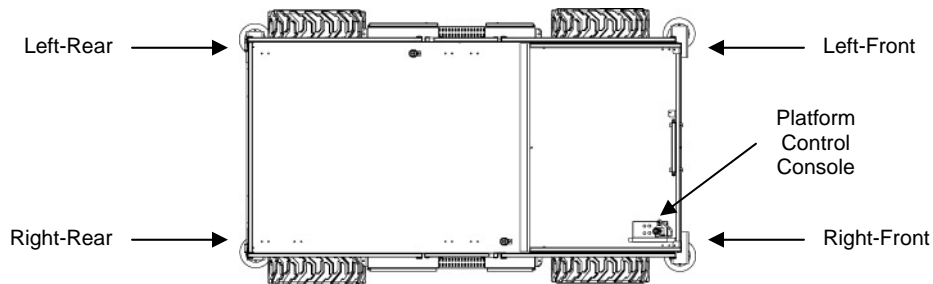


Figure 1. Aerial Platform and Outriggers Layout

WARNING

Ensure that you maintain three points of contact to mount/dismount platform.
Be aware of overhead obstructions or other possible hazards around the aerial platform when lifting or driving.

1. Ensure aerial platform is parked on a firm level surface and free from obstructions.
2. Complete the visual and function test for your aerial platform, refer to Operating Manual.
3. Ensure aerial platform is in stowed position.
4. Ensure all 4 outriggers are in retracted position.
5. Auto-level (If equipped)
 - a. Use auto-level to extend outriggers.
Result: All four outriggers will extend until they are supporting weight and bring machine to within level.
 - b. Once auto-level is complete, attempt to lift platform 1 foot and then lower the platform to stowed position.
Result: Platform will lift and lower.
 - c. With platform at stowed position, fully retract all outriggers using auto-level.
Result: All four outriggers will retract until they are in the stowed (up) position.



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Ensure that there are no personnel or obstructions in the path of travel, including blind spots.

6. Drive the aerial platform to maximum speed.
Result: Aerial platform drives at high speed.

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Be aware of overhead obstructions or other possible hazards around the aerial platform when lifting or driving.

7. Lift platform to 12 feet (measured from the bottom of the tires to the platform surface) from stowed position.
Result: Lift function will operate.
8. Drive aerial platform at raised height (12 feet).
Result: Aerial platform drives at slow speed.
9. Attempt to operate outriggers at raised height (12 feet)
 - a. Attempt to partially extend Left-Front Outrigger (approximately 4").
Result: Outrigger will not extend.
 - b. Attempt to partially extend Right-Front Outrigger (approximately 4").
Result: Outrigger will not extend.
 - c. Attempt to partially extend Right-Rear Outrigger (approximately 4").
Result: Outrigger will not extend.
 - d. Attempt to partially extend Left-Rear Outrigger (approximately 4").
Result: Outrigger will not extend.
10. Lower the platform to stowed position.
Result: Lower function will operate.
11. Raise the platform 1 foot from stowed position and partially extend Left-Front Outrigger (approximately 4").
 - a. Attempt to lift the platform.
Result: Lift function will not operate.
 - b. Attempt to drive the aerial platform.
Result: Drive function will not operate.
 - c. Attempt to lower the platform.
Result: Lower function will operate.
12. Platform at stowed position.
 - a. With Left-Front Outrigger partially extended, attempt to lift the platform.
Result: Lift function will not operate.
 - b. With Right-Front Outrigger partially extended, attempt to lift the platform.
Result: Lift function will not operate.
 - c. With Right-Rear Outrigger partially extended, attempt to lift the platform.
Result: Lift function will not operate.
 - d. With Left-Rear Outrigger partially extended, attempt to lift the platform.
Result: Lift function will not operate.



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13. Platform at stowed position.
 - a. Extend each outrigger until it raises the tires up approximately 2".
 - b. Retract the Left-Front Outrigger until the weight is resting on the corresponding tire.
 - c. Extend the Right-Rear Outrigger until it makes contact with ground.
 - d. Attempt to lift the platform 1 foot.
Result: Lift function will not operate.

14. Platform at stowed position.
 - a. Extend each outrigger until it raises the tires up approximately 2".
 - b. Retract the Right-Front Outrigger until the weight is resting on the corresponding tire.
 - c. Extend the Left-Rear Outrigger until it makes contact with ground.
 - d. Attempt to lift the platform 1 foot.
Result: Lift function will not operate.

15. Platform at stowed position.
 - a. Extend each outrigger until it raises the tires up approximately 2".
 - b. Retract the Right-Rear Outrigger until the weight is resting on the corresponding tire.
 - c. Extend the Left-Front Outrigger until it makes contact with ground.
 - d. Attempt to lift the platform 1 foot.
Result: Lift function will not operate.

16. Platform at stowed position.
 - a. Extend each outrigger until it raises the tires up approximately 2".
 - b. Retract the Left-Rear Outrigger until the weight is resting on the corresponding tire.
 - c. Extend the Right-Front Outrigger until it makes contact with ground.
 - d. Attempt to lift the platform 1 foot.
Result: Lift function will not operate.

17. Extend all four outriggers until all tires are off the ground and the aerial platform is levelled.
 - a. Lift the platform to 12 feet.
Result: Lift function will operate.
 - b. Lower the platform from raised height (12 feet).
Result: Lower function will operate.

WARNING

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