Skyjack TK46/66 Operating Guide

TK46

AP450, 451, 452, 454, 459, 464

TK66

AP455, 456, 457, 458, 460, 461, 462, 463, 465

Safety First

Is there a risk assessment for your task… Have you read it and applied its cautions?

- Every access platform must be level before elevation and sited on solid and stable surface.
- Always use Safety Harness (Fall Restraint not Fall Arrest) (not mandatory over water).
- Remember slow and smooth operation is safe operation.
- Do not exceed max. Safe Working Load of 272kg.
- As a general rule maintain a distance of 10m horizontal from live power lines when fully telescoped out.
- Before driving platform, walk route first. Ensure no weak or soft or uneven ground, manhole covers culverts, cavities etc.
- Stay alert to obstructions and trapping hazard.
- Ensure separation of platform from pedestrians and traffic. Use signage to communicate.
- Be aware of machine weight; approx. TK46 8,369kg. TK66 15,694kg.
- Are you trained in safe and efficient use of this platform…you should be!

If you were present at machine delivery, you will have signed the "Handover Certificate" demonstrating that you are familiarised with this TK46/66.

Skyjack TK46/66 – Quick Set Up Guide

Attention: These instructions are not a substitute for the Operator's Manual which should be read and understood prior to any operation of this machine. **Note:** the numbered bullet points correspond to each numbered arrow on the images. **Fleet Number:** AP450, AP451, AP452, AP454, AP455, AP456, AP457, AP458, AP460, AP461, AP462, AP463, AP464, AP465.

1. Ensure the red stop button **'1 & 1A'** are pulled out. Tip: Push button in, twist and pull out.

2. Turn Isolators **'2'** clockwise. **At the end of works session, remember to turn off the two isolators or battery will drain.**

3. Turn key **'3'** to cage position.

4. Turn engine key **'4'** to the centre Run position.

5. Hold the cage glow plug '5' over for 10 seconds.

6. Start the engine using cage ignition switch **'6'.**

7. Depress cage foot pedal **'7'.**

8. All the boom and steer functions can now be used.

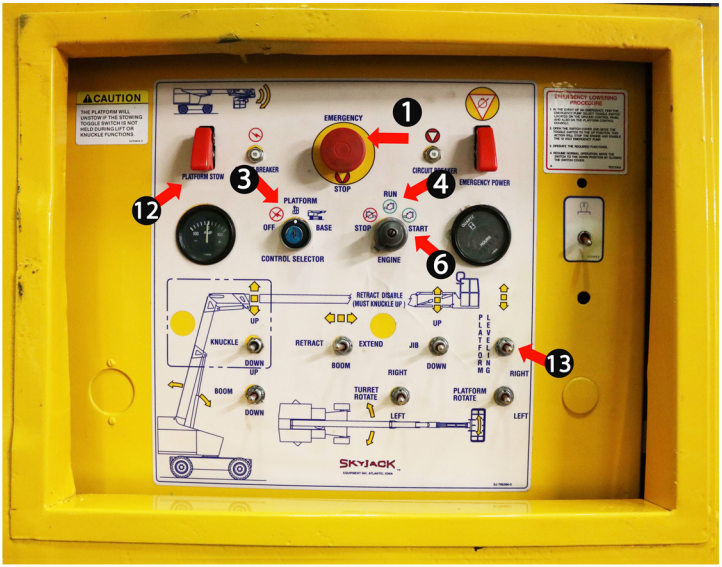
9. **Note:** In order to lower the knuckle boom, you will need to fully extend the telescope section until the knuckle boom light **'9'** has come on.

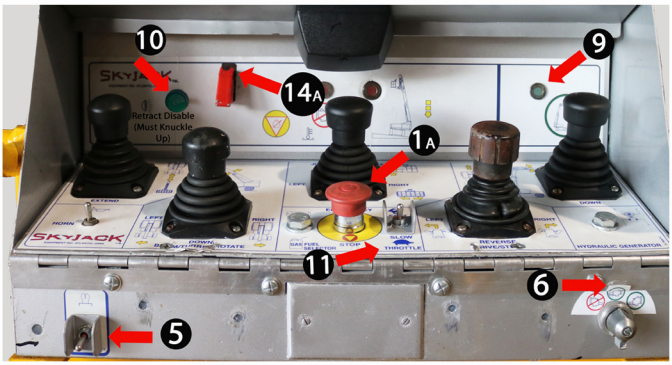
10. **Note:** The telescope section won't retract until the knuckle boom has been fully raised and the disable light **'10'** is off.

Intense Caution

When operating next to the ground edge (e.g. dockside/bridge parapet) we suggest that the wheels face sideways to the edge i.e. one steer wheel & one drive wheel next to the edge. If this is not possible then a chock under the wheels would be good practice.

When driver/operator is unsighted (e.g. down over ground edge) its essential that he be guided by banksman when (if) moving platform chassis.





Possible Operating Errors

The machine won't drive when elevated?
Turn toggle switch **'11'** to tortoise speed.

I can't retract the telescope section (when operating from the cage)?
You need to raise the knuckle boom fully until the knuckle disable light **'10'** has gone out.

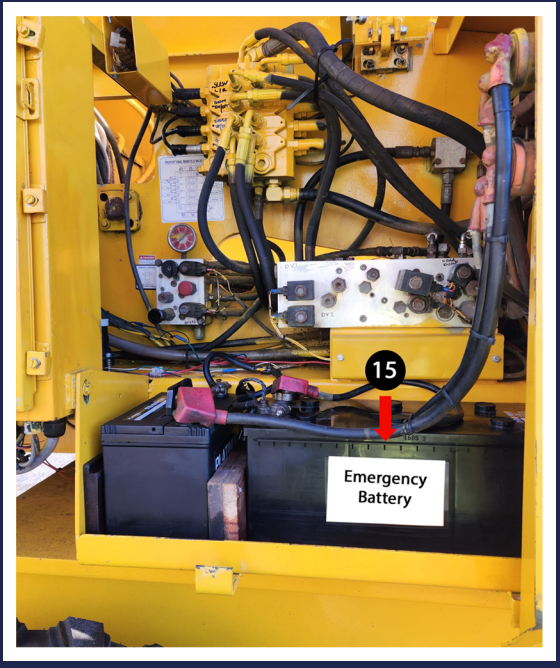
The knuckle boom won't lower (when operating from the cage)?
The telescope section hasn't been extended enough in order to enable light **'9'**.

I have no functions in the cage?
You haven't pressed the foot pedal **'7'** in the cage, or your ground control switch '3' isn't set to cage position.

I can't seem to level the cage?
Make sure the engine is running. Hold the Platform stow switch **'12'** up whilst also holding **'13'** switch in the required direction.

EMERGENCY

You are elevated and have lost your boom functions or engine
Make sure both stop buttons (1) and (1A) are pulled out, the cage ignition is on run (6). Hold the emergency power toggle up (14A) and press the foot pedal (7) whilst operating the required boom function. All carried-out within the cage.
Note: The same can be carried-out at the ground controls but without the need to press the cage foot pedal.



The emergency recovery system relies on it's own separate and dedicated battery. Use of the system will deplete this battery and so should only be used in emergency and pre-test. It will re-charge from main diesel engine.
See image 15

Pre-test before use of unit.

For further assistance call our engineering team on 01268 293031/07754 162873
www.paramountplatforms.com