

## Heighten Your Awareness with SkySense®

SkySense is an enhanced detection system from JLG that uses strategically placed object detection sensors to provide operators an added level of awareness of their immediate surroundings as they elevate and/or drive. When a machine is in use, the sensors establish warning zones and stop distances in the machine's direction of motion, increasing protection of people and property. The warning zones scale for functions with proportional joystick input, which is unique to JLG and SkySense.

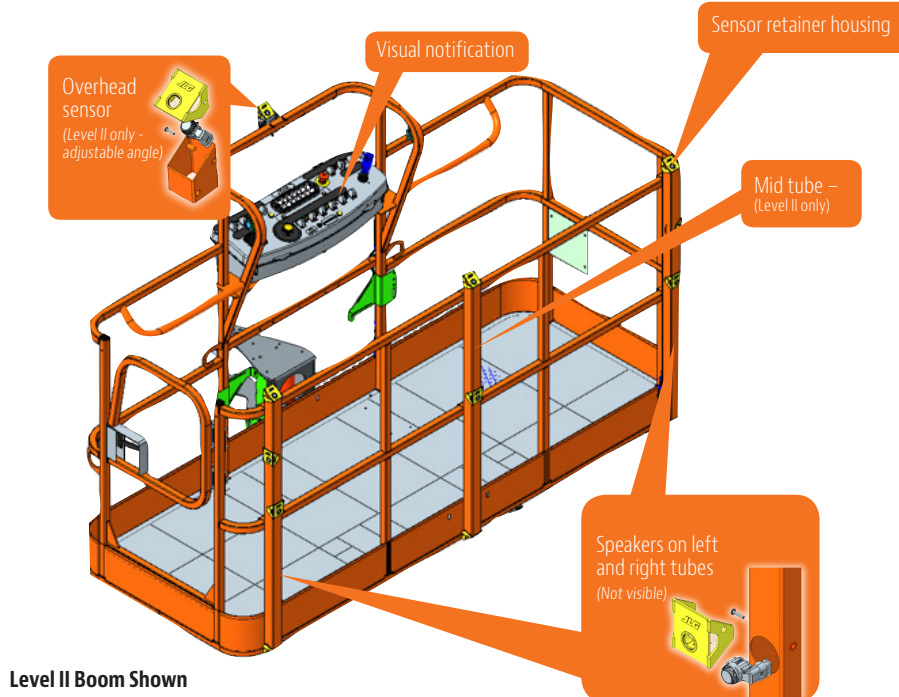
SkySense is Available for Most JLG Boom Lifts

### Increase operator confidence with a system that:

- Produces audible and visual warnings of obstructions
- Slows and then stops machine functions based on proximity to obstructions
- Minimizes onsite incidents and damage to machine and job site structures
- Upfits easily to existing machines in your fleet
- Offers two levels of coverage for a customized solution to your needs
  - Booms - Level I: 8 sensors; Level II: 12 sensors



### SkySense System Components



View SkySense in Action at  
<https://youtu.be/CIHICvMgez0>

SkySense cannot be used in conjunction with Soft Touch. See reverse for additional information and warnings.

## SkySense System

### Ultrasonic Sensors

- Conical sensing area
  - Does not provide a 100% envelope around the operator
- Oriented to provide optimal coverage behind the operator (Boom Level I)
- Operation function (drive, lift) determines which sensors are evaluating for objects

### Notification Features

- Audible
  - Booms: Left/Right independent alarm
  - Switch will turn speaker on/off
- Visual
  - Booms: Left/Right independent light(s)

### Sensor Warning Zones

- Warning and Stop zone distances differ based on machine function
  - Warning Zone – Machine in Creep (Booms)
  - Stop Zone – Machine stopped, over-ride required to continue operation toward object
- Stop zones for a given function are fixed
- Warning zones scale for functions with proportional joystick input

### To Clean Sensors.

- Gently and cautiously wipe the sensor face using water
  - Acetone may be used if necessary
  - Excessive force may damage sensor face
- To order sensors separately, use part numbers 1001241162 & 1001237902

## Aftermarket Kit Part Numbers:

SkySense can be outfitted to your existing fleet.

Model	Serial Number Range	LEVEL I: 8 Sensors Part Number	LEVEL II: 12 Sensors Part Number
All models equipped with ADE (Advanced Design Electronics) <sup>1</sup>	ALL		
E450A	0300208529 to Present B300001429 to Present	1001252033	1001246860
E450AJ			
M450A			
M450AJ			
E600	0300218866 to 0300218868 0300219271 to Present		
E600J			
E600JP			
M600			
M600J			
M600JP			

<sup>1</sup>Excluded models: 340AJ, E300A, E300AJ, E300AJP, H340AJ, E400A, M400A, E400AN, E400AJP, M400AJP, M400AJPN, H800AJ, 670SJ SL

## Prohibited Options/Items:

The following list of options and accessories cannot be used on a machine outfitted with SkySense:

### Booms:

Bolt-On External Fall Arrest	Platform Mesh	Top Rail Extension
Soft Touch	SkyGlazier	Fall Arrest Platform



### WARNING:

SkySense is not intended to replace or reduce the need for the operator to be aware of the environment around the machine. Hazards that will cause serious injury or death may not be prevented or reduced by SkySense. The operator must always look in the direction of travel, avoid power lines, avoid obstacles that could strike the machine or persons in the platform, and follow all instructions, decals, and other warnings provided with this machine.

The operator must not rely on SkySense as a substitute for following the instructions and warnings contained in the manuals and placards provided with this machine.

Part No.: 3131845  
012622  
Printed in USA

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