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 and Scissor 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
  - Scissors - Level I: 4 sensors; Level II: 8 sensors

SkySense System Components

View SkySense in Action at https://youtu.be/CkH1CvMgez0

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

### Sensor Warning Zones
- Warning and Stop zone distances differ based on machine function
  - Warning Zone – Machine in Creep (Booms), Elevated Drive Speed (Scissors)
  - 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

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### SkySense is Available for Most JLG Boom and Scissor Lifts

**JLG® Booms**
- Combustion Powered Boom lift models equipped with ADE (Advanced Design Electronics) except 340AJ
  - E/M450A/AJ (S/N 0300208529 to Present, S/N B300001429 to Present)
  - E/M600J/JP (S/N 0300219271 to Present, including S/N 0300218866 through S/N 0300218868)

**JLG® Scissors**
- 1930ES, 2032ES, 2632ES
- 2646ES, 3246ES (S/N 0200239382 to Present, S/N B200020297 to Present, S/N M200000100 to Present, S/N 1200025021 to Present)

### Aftermarket Kit Part Numbers:

<table>
<thead>
<tr>
<th>Scissors</th>
<th>LEVEL I: 4 Sensors Part Number</th>
<th>LEVEL II: 8 Sensors Part Number</th>
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<tr>
<td>1930ES</td>
<td>1001247037</td>
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<td>1001253958</td>
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<td>2646ES/3246ES</td>
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<table>
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<th>Booms</th>
<th>LEVEL I: 8 Sensors Part Number</th>
<th>LEVEL II: 12 Sensors Part Number</th>
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### 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
- Soft Touch

**Platform Mesh**
- SkyGlazier
- Top Rail Extension
- Fall Arrest Platform

**Scissors:**
- Platform Work Lights
- Platform Rail Pads
- 1/2” Airline
- Quik Welder

**Pipe Racks**
- Panel Carrier
- Electrician’s Tree
- Soft Touch
- Dual Rails

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**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.