

ENGINE POWERED & HYBRID BOOM SKYGUARD



ENHANCED CONTROL PANEL PROTECTION

SkyGuard™ provides the operator and control panel with enhanced protection that doesn't limit platform workspace or visibility. When the sensor is activated by approximately 50 lbs of force or more, SkyGuard stops all functions in use at the time and its unique reverse functionality -- the first feature of its kind in the market -- temporarily reverses most functions for a short period of time. SkyGuard is available exclusively from JLG.

Check out the SkyGuard video at
<http://www.jlg.com/en/destination/skyguard>.

Features and Benefits

- Can be activated from a variety of angles..
- Cuts out functions and temporarily reverses most, but not all, that were in use at the time of activation for less than a second.
- Does not limit platform workspace or operator visibility.
- No moveable parts means there's no need for scheduled or additional maintenance.
- A horn and optional flashing beacon (sold separately) alert other workers on the jobsite to sensor activation.
- Resets by cycling foot switch or e-stop.

How To Configure Your SkyGuard Installation:

- STEP 1: Determine machine compatibility
- STEP 2: Identify requirement for Ground Control
- STEP 3: Identify requirement for Platform Control Harness
- STEP 4: Select SkyGuard based on platform style
- STEP 5: Optional – Identify compatible Beacon Option if desired

***The instructions for these five steps are found on the following pages



SkyBar



SkyLine



SkyEye



Operator moves toward obstruction.



Horn sounds upon operator contact with the bar.



The auto reverse feature activates for most functions (see chart).

Order Today

Online: onlineexpress2.jlg.com

Call: 1-877-554-5438 | Fax: 1-800-733-8939



JLG INDUSTRIES, INC.
Toll-free US 877-JLG-LIFT
JLG.com

An Oshkosh Corporation Company

ENGINE POWERED & HYBRID BOOM SKYGUARD



STEP 1: DETERMINE MACHINE CAPABILITY

MACHINE MODEL	SERIAL NUMBER
340AJ ²	ALL
H340AJ ²	ALL
400S/460SJ ¹	S/N 0300064507 to Present exc. 0300064582, 0300064584, 0300064585
460SJ 1000-LB ³	ALL
400S/460SJ HC3 ³	ALL
400SC/460SJC ²	ALL
450A/AJ Series II ¹	S/N 0300065080-0300201991 exc. 0300199221, 0300199222, 0300199223, 0300199224, 0300200428, 0300201105, 0300201106, 0300201107, 0300201108, 0300201109, 0300201481, 0300201482, 0300201528, 0300201529, 0300201575, 0300201576, 0300201577, 0300201623, 0300201624, 0300201668, 0300201811, 0300201812, 0300201813, 0300201814, 0300201858, 0300201859, 0300201860, 0300201861, 0300201862, 0300201906, 0300201907, 0300201908, 0300201909, 0300201910, 0300201954, 0300201955, 0300201956, 0300201957, 0300201958
	S/N 1300000001 to Present
	Prior to S/N E300002833
450A/AJ ²	S/N 0300201991 to PVC2501 inc. 0300199221, 0300199222, 0300199223, 0300199224, 0300200428, 0300201105, 0300201106, 0300201107, 0300201108, 0300201109, 0300201481, 0300201482, 0300201528, 0300201529, 0300201575, 0300201576, 0300201577, 0300201623, 0300201624, 0300201668, 0300201811, 0300201812, 0300201813, 0300201814, 0300201858, 0300201859, 0300201860, 0300201861, 0300201862, 0300201906, 0300201907, 0300201908, 0300201909, 0300201910, 0300201954, 0300201955, 0300201956, 0300201957, 0300201958
	S/N E300002833 to Present
450AJ HC3 ³	ALL
510AJ ¹	ALL
520AJ ²	ALL
600A/AJ ¹	S/N 0300064249 to Present
600AJ HC3 ³	ALL
600S/SJ/660SJ ¹	S/N 0300061927 to Present
660SJ 1000-LB ³	ALL
600S/660SJ HC3 ³	ALL
600SC/600SJC/660SJC ¹	Gradall Chassis Only Prior to S/N 0300128000
	S/N 0300128000 to Present
670SJ SLC ³	ALL
680S ¹	ALL
740AJ ¹	S/N 0300071019 to Present
800A/AJ ¹	S/N 0300064432 to PVC2501 inc. 0300062045, 0300062797, 0300063013, 0300063665, 0300064000-0300064017, 0300064390, 0300064392, 0300064411
800AJ HC3 ³	ALL
H800AJ ³	ALL
800S/860SJ ¹	ALL
800S/860SJ HC3 ³	ALL
1100S/SJP ²	ALL
1200/1350SJP ¹	ALL
1250AJP ¹	ALL
1500AJP ²	ALL
1500SJ ²	ALL
1850SJ ²	ALL

Notes:
¹ For USA manufactured machines prior to S/N 0300143650 - proceed to STEP 2. For European manufactured machines prior to S/N 1300006745 - proceed to STEP 2. For all other machines - proceed to STEP 3.

² Proceed to STEP 3

³ Proceed to STEP 4

Order Today

Online: onlineexpress2.jlg.com

Call: 1-877-554-5438 | Fax: 1-800-733-8939



JLG INDUSTRIES, INC.
 Toll-free US 877-JLG-LIFT
 JLG.com

An Oshkosh Corporation Company

ENGINE POWERED & HYBRID BOOM SKYGUARD



STEP 2: IDENTIFY REQUIREMENT FOR GROUND CONTROL

Identify the Ground Control Module style installed on the machine and perform one of the following:

-If the machine is equipped with Style A, purchase the Ground Control Module listed in the table below

OR

-If the machine is equipped with Style B, no additional purchase is required and proceed to STEP 3

Style A



Style B



P/N format: 1600XXX

P/N format: 1001XXXXXX

MACHINE MODEL	PART NUMBER
400S/460SJ	1001149676
450A/AJ Series II	1001149676
510AJ	1001149676
600A/AJ	1001149676
600S/SJ/660SJ	1001149676
600SC/600SJC/660SJC	1001149676
680S	1001149676
740AJ	1001149676
800A/AJ	1001149676
800S/860SJ	1001149676
1200/1350SJP	1001173353
1250AJP	1001155078

Order Today

Online: onlineexpress2.jlg.com

Call: 1-877-554-5438 | Fax: 1-800-733-8939



JLG INDUSTRIES, INC.
Toll-free US 877-JLG-LIFT
JLG.com

An Oshkosh Corporation Company

ENGINE POWERED & HYBRID BOOM SKYGUARD



STEP 3: IDENTIFY REQUIREMENT FOR PLATFORM CONSOLE HARNESS

Identify which platform console harness, if any, is configured on the machine.


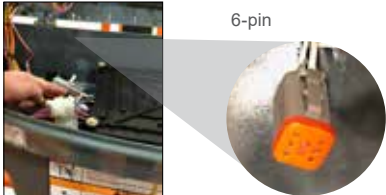
If the machine serial number falls within the ranges in the table below, proceed to STEP 4. Otherwise proceed with STEP 3 instructions.

MACHINE MODEL	SERIAL NUMBER
340AJ	0300235538 to Present
600A/AJ	0300235567 to Present
680S	0300243279 to Present
740AJ	0300237094 to Present
800A/AJ	0300234283 to Present
H800AJ	ALL
800S/860SJ	0300234257 to Present
	B300002039 to Present
1200SJP/1350SJP	0300234291 to Present
	B300002992 to Present
1250AJP	0300234289 to Present
1500SJ	0300234294 to Present
1850SJ	0300234077 to Present
H340AJ	0300226165 to Present

6-PIN RETROFIT HARNESS KIT	
MACHINE MODEL	PART NUMBER
340AJ, H340AJ	1001250595
400S/460SJ, 400SC/460SJC, 450A/AJ Series II, 450A/AJ	
510AJ, 520AJ	
600A/AJ, 600S/SJ/660SJ, 600SC/600SJC/660SJC, 680S	
740AJ	
800A/AJ, 800S/860SJ	
1100S/SJP, 1200/1350SJP, 1250AJP, 1500AJP, 1500SJ, 1850SJ	

Instructions:

The platform console harness will be configured in one of the following three ways:

MACHINE CONFIGURATION	IMAGES	ACTION
With no connector for SkyGuard	N/A	Install 6-Pin Retrofit Kit (See table below)
With 4-pin connector for SkyGuard located outside of the platform console box	<p>4-pin</p> 	<p>-For SkyBar or SkyLine Installation - No Action Required</p> <p>- For SkyEye Installation - Install 6-Pin Retrofit Kit (See table below)</p>
With 6-Pin connector for SkyGuard located inside of the platform console box	 <p>6-pin</p>	No Action Required - proceed to STEP 4

Order Today

Online: onlineexpress2.jlg.com

Call: 1-877-554-5438 | Fax: 1-800-733-8939



JLG INDUSTRIES, INC.
Toll-free US 877-JLG-LIFT
JLG.com

An Oshkosh Corporation Company

ENGINE POWERED & HYBRID BOOM SKYGUARD



STEP 4: SELECT SKYGUARD BASED ON PLATFORM STYLE

Old Style Platform



No squares
welded into
the bar

DESCRIPTION	PART NUMBER
SkyBar	1001250035

New Style Platform



Squares
welded into
the bar

DESCRIPTION	PART NUMBER
SkyLine ¹	1001262016
SkyBar	1001249052
SkyEye ²	1001247073

Note:

¹ SkyLine is NOT approved for use on UL Spec Machines

² Machines with no SkyGuard connector or with a 4-Pin connector require a 6-Pin retrofit Kit. See STEP 3.

Order Today

Online: onlineexpress2.jlg.com

Call: 1-877-554-5438 | Fax: 1-800-733-8939



JLG INDUSTRIES, INC.
Toll-free US 877-JLG-LIFT
JLG.com

An Oshkosh Corporation Company

ENGINE POWERED & HYBRID BOOM SKYGUARD



STEP 5: OPTIONAL – IDENTIFY COMPATIBLE BLUE BEACON OPTION

BLUE BEACON		
MODEL	SERIAL NUMBER	PART NUMBER
340AJ	ALL	1001207140
H340AJ	ALL	1001207140
400S/460SJ	S/N 0300064507-0300203771 exc. 0300064582, 0300064584, 0300064585, 0300184729, 0300200144, 0300200145, 0300200476, 0300200477, 0300202446, 0300202447, 0300202448, 0300202449, 0300202450, 0300203261, 0300203262, 0300203307, 0300203308, 0300203351, 0300203352, 0300203394, 0300203395, 0300203439, 0300203440, 0300203580, 0300203581, 0300203582, 0300203583, 0300203584, 0300203628, 0300203629, 0300203630, 0300203631, 0300203632, 0300203677, 0300203678, 0300203679, 0300203680, 0300203681, 0300203724, 0300203725, 0300203727, 0300203728	1001218783
	S/N 0300203771 to Present inc. 0300184729, 0300200144, 0300200145, 0300200476, 0300200477, 0300202446, 0300202447, 0300202448, 0300202449, 0300202450, 0300203261, 0300203262, 0300203307, 0300203308, 0300203351, 0300203352, 0300203394, 0300203395, 0300203439, 0300203440, 0300203580, 0300203581, 0300203582, 0300203583, 0300203584, 0300203628, 0300203629, 0300203630, 0300203631, 0300203632, 0300203677, 0300203678, 0300203679, 0300203680, 0300203681, 0300203724, 0300203725, 0300203727, 0300203728	1001203512
400S/460SJ HC3	ALL	1001294067
400SC/460SJC	ALL	1001294067
450A/AJ Series II	S/N 0300065080-0300160835	1001206311
	S/N 1300000001 to Present	
	Prior to S/N E300001114	
	S/N 0300160835-0300201991 exc. 0300199221, 0300199222, 0300199223, 0300199224, 0300200428, 0300201105, 0300201106, 0300201107, 0300201108, 0300201109, 0300201481, 0300201482, 0300201528, 0300201529, 0300201575, 0300201576, 0300201577, 0300201623, 0300201624, 0300201624, 0300201668, 0300201811, 0300201812, 0300201813, 0300201814, 0300201858, 0300201859, 0300201860, 0300201861, 0300201862, 0300201906, 0300201907, 0300201908, 0300201909, 0300201910, 0300201954, 0300201955, 0300201956, 0300201957, 0300201958	1001205498
S/N E300001114-E300002833		
450AJ	S/N 0300201991 to Present inc. 0300199221, 0300199222, 0300199223, 0300199224, 0300200428, 0300201105, 0300201106, 0300201107, 0300201108, 0300201109, 0300201481, 0300201482, 0300201528, 0300201529, 0300201575, 0300201576, 0300201577, 0300201623, 0300201624, 0300201668, 0300201811, 0300201812, 0300201813, 0300201814, 0300201858, 0300201859, 0300201860, 0300201861, 0300201862, 0300201906, 0300201907, 0300201908, 0300201909, 0300201910, 0300201954, 0300201955, 0300201956, 0300201957, 0300201958	1001294063
	S/N E300002833 to Present	
450AJ HC3	ALL	1001294063
510AJ	ALL	1001294061
520AJ	ALL	1001294063
600A/AJ	S/N 0300061927 to Present	1001294061
600AJ HC3	ALL	1001294061
600S/SJ/660SJ	S/N 0300061927 to 0300272507	1001294061
600/660SJ	S/N 0300272507 to Present	1001294061
600S/660SJ HC3	ALL	1001294061

Order Today

Continues to next page...

Online: onlineexpress2.jlg.com

Call: 1-877-554-5438 | Fax: 1-800-733-8939



JLG INDUSTRIES, INC.
Toll-free US 877-JLG-LIFT
JLG.com

An Oshkosh Corporation Company

ENGINE POWERED & HYBRID BOOM SKYGUARD



BLUE BEACON		
670SJ SLC	ALL	1001294061
600SC/600SJC/660SJC	Gradall Chassis Only Prior to S/N 0300128000	1001294061
	S/N 0300128000 to 0300272507	
	S/N 0300128000 to 0300272507	1001294061
680S	ALL	1001294068
740AJ	S/N 0300071019 to Present	1001294068
800A/AJ	S/N 0300064432 to Present inc. 0300062045, 0300062797, 0300063013, 0300063665, 0300064000-0300064017, 0300064390, 0300064392, 0300064411	1001294068
800AJ HC3	ALL	1001294068
800S/860SJ	ALL	1001294068
800S/860SJ HC3	ALL	1001294068
1100S/SJP	ALL	1001294070
1200/1350SJP	ALL	1001294070
1250AJP	ALL	1001294070
1500AJP	ALL	1001266828
1500SJ	ALL	1001294070
1850SJ	ALL	1001294064

Order Today

Online: onlineexpress2.jlg.com

Call: 1-877-554-5438 | **Fax:** 1-800-733-8939



JLG INDUSTRIES, INC.
Toll-free US 877-JLG-LIFT
JLG.com

An Oshkosh Corporation Company

ENGINE POWERED & HYBRID BOOM SKYGUARD



STEP 5: OPTIONAL – IDENTIFY COMPATIBLE RED BEACON OPTION

RED BEACON		
MACHINE MODEL	SERIAL NUMBER	PART NUMBER
340AJ	ALL	1001293863
H340AJ	ALL	1001293863
400S/460SJ	S/N 0300064507-0300203771 exc. 0300064582, 0300064584, 0300064585, 0300184729, 0300200144, 0300200145, 0300200476, 0300200477, 0300202446, 0300202447, 0300202448, 0300202449, 0300202450, 0300203261, 0300203262, 0300203307, 0300203308, 0300203351, 0300203352, 0300203394, 0300203395, 0300203439, 0300203440, 0300203580, 0300203581, 0300203582, 0300203583, 0300203584, 0300203628, 0300203629, 0300203630, 0300203631, 0300203632, 0300203677, 0300203678, 0300203679, 0300203680, 0300203681, 0300203724, 0300203725, 0300203727, 0300203728	1001218963
	S/N 0300203771 to Present inc. 0300184729, 0300200144, 0300200145, 0300200476, 0300200477, 0300202446, 0300202447, 0300202448, 0300202449, 0300202450, 0300203261, 0300203262, 0300203307, 0300203308, 0300203351, 0300203352, 0300203394, 0300203395, 0300203439, 0300203440, 0300203580, 0300203581, 0300203582, 0300203583, 0300203584, 0300203628, 0300203629, 0300203630, 0300203631, 0300203632, 0300203677, 0300203678, 0300203679, 0300203680, 0300203681, 0300203724, 0300203725, 0300203727, 0300203728	1001210037
400S/460SJ HC3	ALL	1001210037
400SC/460SJC	ALL	1001210037
450A/AJ Series II	S/N 0300065080-0300160835	1001210025
	S/N 1300000001 to Present	
	Prior to S/N E300001114	
	S/N 0300160835-0300201991 exc. 0300199221, 0300199222, 0300199223, 0300199224, 0300200428, 0300201105, 0300201106, 0300201107, 0300201108, 0300201109, 0300201481, 0300201482, 0300201528, 0300201529, 0300201575, 0300201576, 0300201577, 0300201623, 0300201624, 0300201668, 0300201811, 0300201812, 0300201813, 0300201814, 0300201858, 0300201859, 0300201860, 0300201861, 0300201862, 0300201906, 0300201907, 0300201908, 0300201909, 0300201910, 0300201954, 0300201955, 0300201956, 0300201957, 0300201958	1001210038
S/N E300001114-E300002833		
450AJ	S/N 0300201991 to Present inc. 0300199221, 0300199222, 0300199223, 0300199224, 0300200428, 0300201105, 0300201106, 0300201107, 0300201108, 0300201109, 0300201481, 0300201482, 0300201528, 0300201529, 0300201575, 0300201576, 0300201577, 0300201623, 0300201624, 0300201668, 0300201811, 0300201812, 0300201813, 0300201814, 0300201858, 0300201859, 0300201860, 0300201861, 0300201862, 0300201906, 0300201907, 0300201908, 0300201909, 0300201910, 0300201954, 0300201955, 0300201956, 0300201957, 0300201958	1001293868
	S/N E300002833 to Present	
450AJ HC3	ALL	1001293868
510AJ	ALL	1001293868
520AJ	ALL	1001293868
600A/AJ	S/N 0300064249 to Present	1001293878
600AJ H	ALL	1001293878
600S/SJ/660SJ	S/N 0300061927 to 0300272507	1001293877
600/660SJ	S/N 0300272507 TO Present	1001293866
600S/660SJ HC3	ALL	1001293866
670SJ SLC	ALL	1001293866

Continues to next page...

Order Today

Online: onlineexpress2.jlg.com

Call: 1-877-554-5438 | Fax: 1-800-733-8939



JLG INDUSTRIES, INC.
Toll-free US 877-JLG-LIFT
JLG.com

An Oshkosh Corporation Company

ENGINE POWERED & HYBRID BOOM SKYGUARD



RED BEACON		
600SC/600SJC 660SJC	Gradall Chassis Only Prior to S/N 0300128000	1001293877
	S/N 0300128000 to 0300272507	
	S/N 0300272507 to Present	1001293866
680S	ALL	1001293877
740AJ	S/N 0300071019 to Present	1001293877
800A/AJ	S/N 0300064432 to Present inc. 0300062045, 0300062797, 0300063013, 0300063665, 0300064000-0300064017, 0300064390, 0300064392, 0300064411	1001293877
800AJ HC3	ALL	1001293877
800S/860SJ	ALL	1001293874
800S/860SJ HC3	ALL	1001293874
1100S/SJP	ALL	1001293874
1200/1350SJP	ALL	1001293874
1250AJP	ALL	1001293874
1500AJP	ALL	1001293788
1500SJ	ALL	1001294070
1850SJ	ALL	1001293787

Order Today

Online: onlineexpress2.jlg.com

Call: 1-877-554-5438 | **Fax:** 1-800-733-8939



JLG INDUSTRIES, INC.
Toll-free US 877-JLG-LIFT
JLG.com

An Oshkosh Corporation Company