

Interior Light Kit

BM21656



JOHN DEERE

INSTALLATION INSTRUCTIONS

Interior Light Kit

M152763 23MAR20 (ENGLISH)

HPX, HPX615E, HPX815E, and T-Series Gator™
Utility Vehicles

John Deere Horicon Works
M152763 (23MAR20)

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Parts in Kit

Qty.	Description
1	Interior Light, not shown (includes bulbs)

NOTE: Retain these installation instructions with the machine operator's manual.

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Parking Safely

Park the machine safely. See Parking Safely in your Operator's Manual.

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Prepare Machine

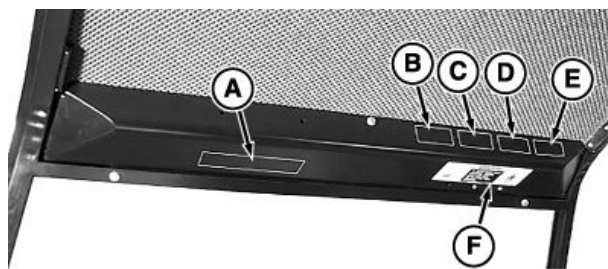
NOTE: The Electrical Kit must be installed prior to installation of this kit.

Disconnect ground cables at the negative battery terminal.

Prepare Roof Console for Wiring Installation

The roof console is supplied with knock-outs for installation of the interior light and four accessory switch/fuse holder assemblies.

1. Verify correct knock-out position in the roof console.



HPX series shown. Roof console knock-out location and orientation reference.

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|---------------------------------------|--|
| A—Interior light | D—Rear worklight switch/fuse holder |
| B—Windshield wiper switch/fuse holder | E—Beacon light switch/fuse holder |
| C—Front worklight switch/fuse holder | F—Ground strip location (inside console) |

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2. Partially push in center of knock-out (A) for interior light in roof console for easier removal.

NOTE: Have a helper available to help support the console when lowering and securing it for wiring installation.

3. Remove hardware retaining roof console and carefully lower console partway.
4. Support the console in a hanging position:
 - (HPX Series) - Securely attach a tie strap (preferred), section of wire, or other material through the upper (center) mounting hole in the console and the corresponding mounting hole in the canopy roof.
 - (T-Series) - Securely attach tie straps (preferred), sections of wire, or other material through both mounting holes in the console and the corresponding mounting holes in the cab roof panel.
5. Carefully bend edge of interior light knock-out (A) back and forth to snap the retaining tabs and remove



knock-out from console. The interior light and wiring can now be installed. If other electrical accessories will be installed, perform all of the installations before assembling the console to the canopy.

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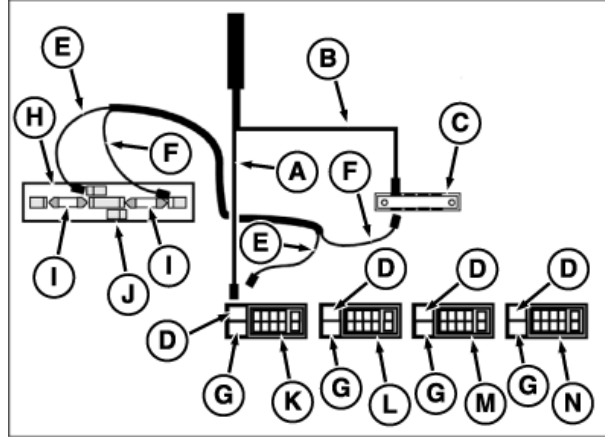
Install Kit

NOTE: Dielectric grease or equivalent should be applied to all electrical connectors during assembly.

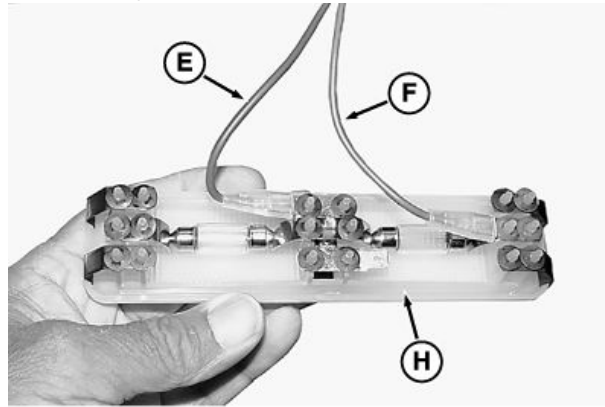
1. Insert the wiring leads and interior light into the console cut-out and snap the light in place.
2. The interior light assembly (H) is supplied with the light wiring harness already connected to the proper terminal connectors at the light.

Connect wiring leads:

- If windshield wiper switch is installed, connect ground lead (F) from interior light harness to ground strip (C) and power lead (E) from interior light harness to terminal (G) at windshield wiper fuse. This will supply fused power to the interior light, which does not have it's own fuse.
 - If windshield switch is not installed but another switch is installed, connect ground lead (F) from interior light harness to ground strip (C) and power lead (E) from interior light harness to a fused power terminal (G) on available switch.
 - If no other switches are installed, disconnect harness power lead (E) from interior light, fold lead back and use electrical tape to secure connector to harness, covering the connector completely with tape. Do the same with the connector at the other end of the red harness lead. Then connect the power lead (A) from the battery directly to the power terminal on the interior light. The interior light will now be fused through the main fuse for the canopy/cab electrical kit. The battery ground lead (B) and the interior light ground lead (brown) should both be connected to ground strip (C) to complete the connection.
3. Install roof console and secure using hardware removed earlier.
 4. Connect ground leads at battery.



Console wiring reference. Note position of switches and ground strip. Ground strip is toward front of machine when console is installed.



Interior light assembly detail.

- | | |
|---|--|
| <p>A—Power lead (red), from battery. Large diameter wire.</p> <p>B—Ground lead (brown), from battery. Large diameter wire.</p> <p>C—Ground strip, common for all console ground leads.</p> <p>D—Fuse terminal, system power (power in), two connectors per terminal.</p> <p>E—Unconnected power lead (red) from interior light harness.</p> <p>F—Unconnected ground lead (brown), from interior light harness.</p> <p>G—Fuse terminal, fused power (power out), two connectors per terminal.</p> | <p>H—Interior light/switch assembly (includes wiring harness).</p> <p>I—Interior light bulbs (2).</p> <p>J—Unused power terminal.</p> <p>K—Switch, windshield wiper (7.5A Fuse), if installed.</p> <p>L—Switch, front work light (10A Fuse), if installed.</p> <p>M—Switch, rear work light (5A Fuse), if installed.</p> <p>N—Switch, beacon light (5A Fuse), if installed.</p> |
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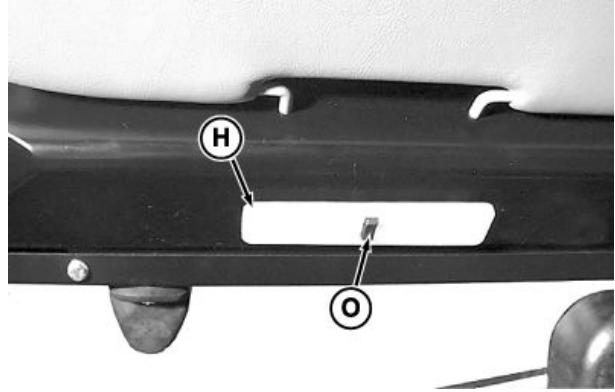
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5. Test rocker switch (O) on interior light (H) for proper operation (ignition key must be on).



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Replace Bulbs

1. Carefully snap interior light assembly out of roof console.
2. Replace bulbs as needed.
3. Snap light assembly into roof console and test operation with key switch on.

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