

Deluxe Signal Light Kit

BM25548



JOHN DEERE

INSTALLATION INSTRUCTIONS

Deluxe Signal Light Kit

M176695 15OCT15 (ENGLISH)

HPX Gator™ Utility Vehicle

John Deere Horicon Works
M176695 (15OCT15)

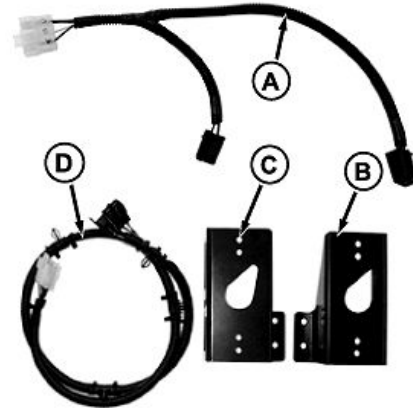
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A John Deere ILLUSTRATION™ Manual

M176695-19-15OCT15

Parts in Kit

Quantity	Description
1	Jumper Harness (A)
1	Bracket, Left Rear (B)
1	Bracket, Right Rear (C)
1	Wiring Harness, Rear (D)
1	Switch, Light
2	Plate, Spacer
2	Light, Front Turn/Hazard
1	Boot, Brake Switch
1	Switch, Brake
2	Light Assembly, Rear
2	Bolt, Hex Head, M5x20
4	Bolt, Flange, Self-Threading, M6x12
6	Locknut, M5
10	Tie Strap



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

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MXT016029 —UN—15OCT15

Parking Safely

1. Stop vehicle on a level surface, not on a slope.
2. Fully lower the cargo box and any attachments on the machine that can be lowered.
3. Lock park brake.
4. Stop engine.
5. Remove key.
6. Before you leave the operator's seat, wait for engine and all moving parts to stop.
7. Disconnect the negative battery cable or remove the spark plug wire (for gasoline engines) before servicing the machine.

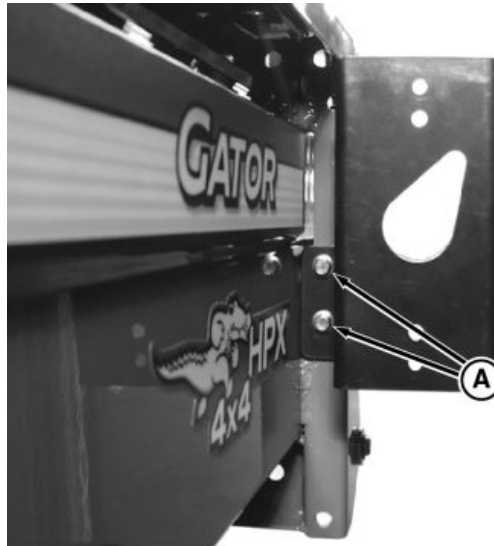
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Install Rear Signal Lights

NOTE: Pre-thread holes: Install and remove bolts before attaching light bracket.

1. Secure light bracket to cargo box with two bolts (A).
2. Repeat for other side of machine.

A—Bolt, M6x12 Self-Threading



Picture Note: Left side shown

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MXT0006142 —UN—17DEC12

3. Install tail light with two locknuts (A).
4. Route tail light harness through frame rail hole (B).
5. Secure tail light harness to side of light bracket with plastic connector (C).
6. Repeat for other side of machine.

A—Locknuts, M5
B—Frame Rail Hole

C—Plastic Connector



Picture Note: Left side shown

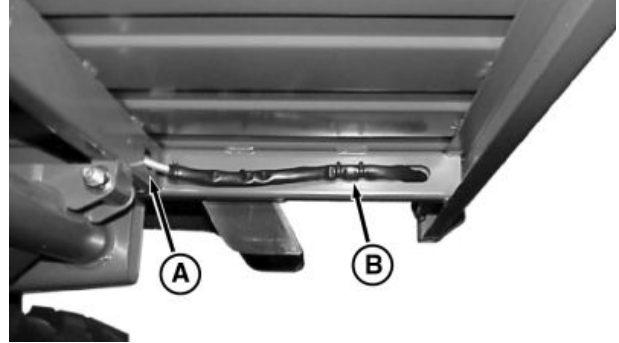
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MXT0006143 —UN—17DEC12

7. Route tail light harness through frame rail hole (A).
8. Secure tail light harness to frame rail with plastic connector (B).
9. Repeat for other side of machine.

A—Frame Rail Hole B—Plastic Connector



Picture Note: Right side shown

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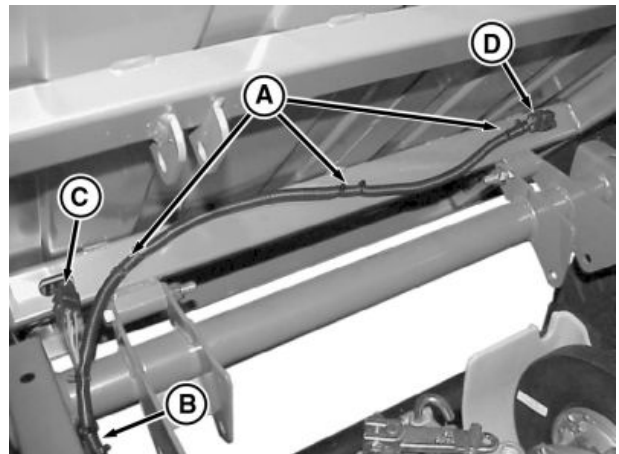
MXT006144 —UN—17DEC12

10. Secure rear wiring harness to frame rail with three plastic connectors (A). Secure harness to side frame rail with plastic connector (B).

NOTE: Apply MPG2 Grease to electrical connectors before making wiring harness connections.

11. Connect tail light wiring harnesses (C - Right) and (D-Left) to rear wiring harness.

A—Plastic Connectors C—Tail Light Wiring Harness, Right
 B—Plastic Connector D—Tail Light Wiring Harness, Left



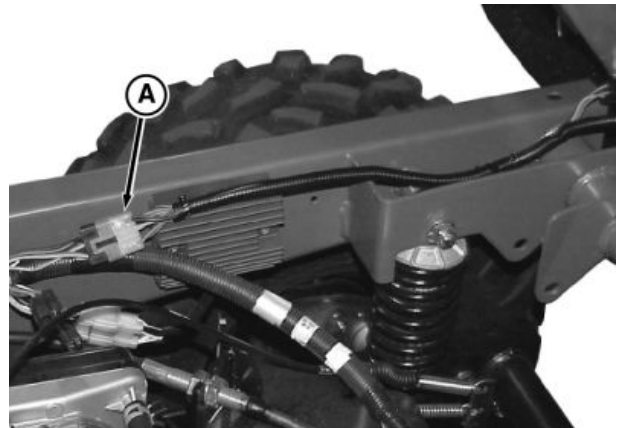
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MXT006145 —UN—17DEC12

IMPORTANT: Avoid damage! Position the connector under the main harness to avoid connector getting pinched between the cargo box and the frame rail.

12. Connect rear wiring harness to main wiring harness connector (A).

A—Main Wiring Harness Connector



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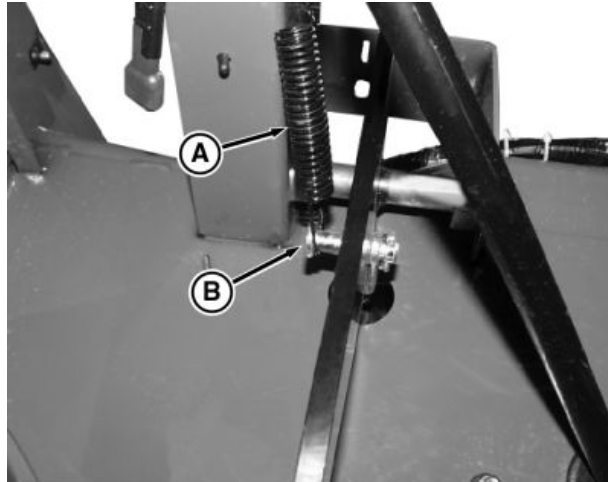
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Install Brake Switch

1. Raise or remove hood.
2. Remove molded tray under hood.
3. Locate the brake pedal spring (A) under the control panel. Disconnect the spring from drilled pin (B).
4. Place rubber boot on brake switch if not already installed.

A—Brake Pedal Spring

B—Drilled Pin



Picture Note: Shown from bottom

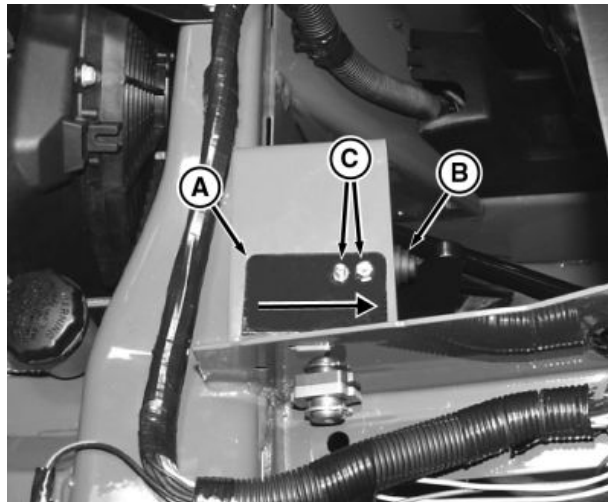
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5. Place spacer plate (A) on top of brake pedal bracket.
6. Hold second spacer plate under brake pedal bracket, position brake switch (B) to align brake switch holes with holes in both spacer plates.
7. Install two M5x20 hex head bolts and locknuts (C) to secure brake switch and spacer plates. Slide brake switch and spacer plates toward rear of slots in brake pedal bracket and tighten locknuts.
8. Press and release brake pedal several times to ensure brake switch opens and closes with brake pedal motion. Reposition switch as necessary.
9. Install the brake pedal spring under the control panel.

A—Spacer Plate
B—Brake Switch

C—Locknuts, M5



Picture Note: Shown from top

OQO2005,000044B -19-13OCT15-2/2

MXT006149—UN—17DEC12

Install Front Signal Lights

Install Control Panel Switches

1. Remove and discard existing light switch (A).

NOTE: Do not install switch until wiring harness has been installed.

2. Install three terminal light switch from kit where existing two terminal light switch (A) was removed.

A—Light Switch



Continued on next page

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Install Front Turn/Hazard Lights

1. Remove circular reflectors from front grill to expose knockouts for lights.
2. Remove both molded knockout sections (A) from front grill.

NOTE: Align light assembly clips with notches on sides of opening and molded tab with bottom notch (B).

3. Install front turn/hazard lights into grill openings.

A—Knockout Section

B—Bottom Notch



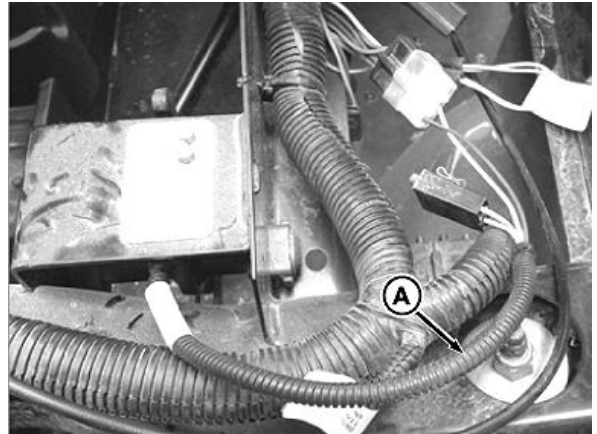
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Install Jumper Harness

1. Remove existing short brake switch harness (A), if equipped.

A—Harness, Brake Switch



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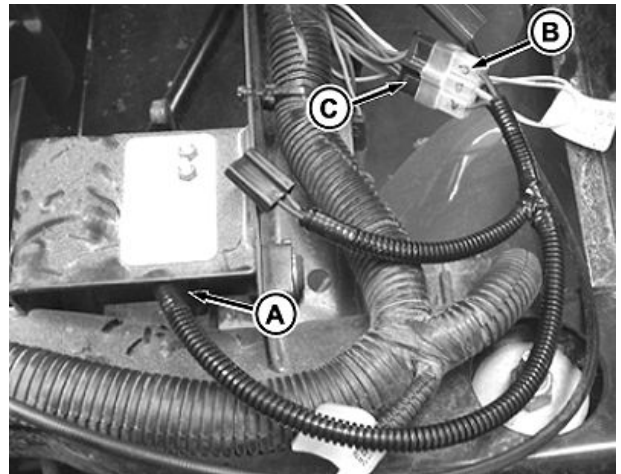
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2. Attach jumper harness 4-pin connector (A) to brake switch.
3. Attach jumper harness 6-pin connector (B) to 6-pin connector (C) on machine harness.

A—Connector, 4-Pin

B—Connector, 6-Pin Jumper Harness

C—Connector, 6-Pin Machine Harness



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