

Power Lift Kit

BM25960



JOHN DEERE

INSTALLATION INSTRUCTIONS

Power Lift Kit

M175731 26MAY15 (ENGLISH)

XUV550, XUV550 S4 Gator™ Utility Vehicle

John Deere Horicon Works
M175731 (26MAY15)

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Moline, Illinois

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A John Deere ILLUSTRATION™ Manual

M175731-19-26MAY15

Parts in Kit

| Quantity | Description |
|----------|--------------------------|
| 1 | Cylinder |
| 3 | Locknut, M8 |
| 2 | Cap Screw, M8x20 |
| 1 | Cap Screw, M8x70 |
| 2 | Pin, Spring Locking |
| 1 | Spacer |
| 2 | Pin, Drilled |
| 1 | Bracket, Upper Lift |
| 1 | Bracket, Lower Lift |
| 1 | Switch (Illuminated) |
| 1 | Switch (Not Illuminated) |
| 1 | Label, Caution (Text) |
| 1 | Label, Caution (No-Text) |
| 2 | Tie Strap |

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

MX52301,0000ACF -19-26MAY15-1/1

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.

TH84124,0000085 -19-03DEC13-1/1

Grease

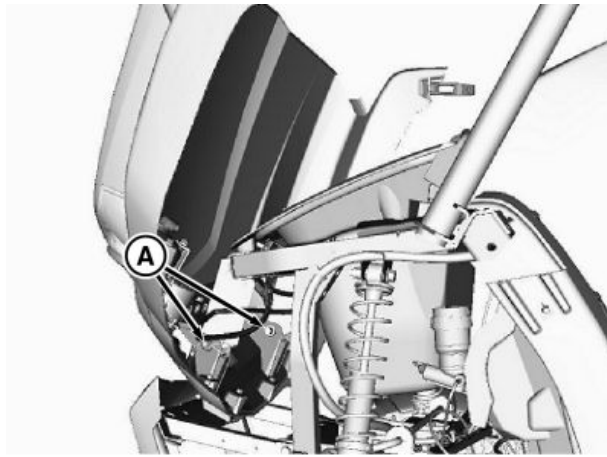
NOTE: A suitable dielectric grease must be applied when installing this kit. You can purchase MPG2 grease from your local John Deere dealer.

TH84124,0000011 -19-17SEP12-1/1

Prepare Machine

1. Park machine safely. (See Parking Safely).
2. Open hood and disconnect light wiring connectors.
3. Remove spring clips, clevis pins (A), and hood from machine.

A—Clevis Pin



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MX52301,0000AD0 -19-26MAY15-1/3

4. Remove four screws (A) and storage compartment (B) from machine.

A—Screw

B—Storage Compartment



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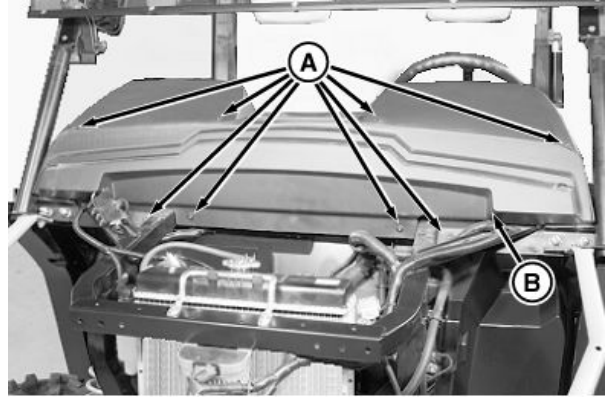
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MX52301,0000AD0 -19-26MAY15-2/3

- Remove eight screws (A) and front panel (B) from machine.

A—Screw

B—Front Panel



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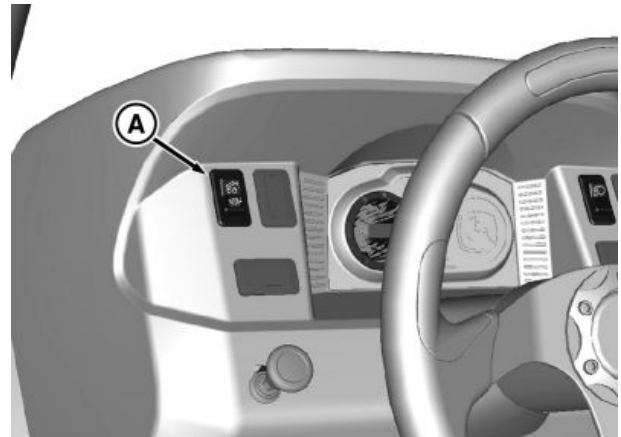
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Install Switch

NOTE: For machines with serial numbers 050000 and below, install switch (not illuminated). For machines with serial numbers 050001 and above, install switch (illuminated).

- Remove upper left plug from instrument panel and install switch (A) into hole.

A—Switch



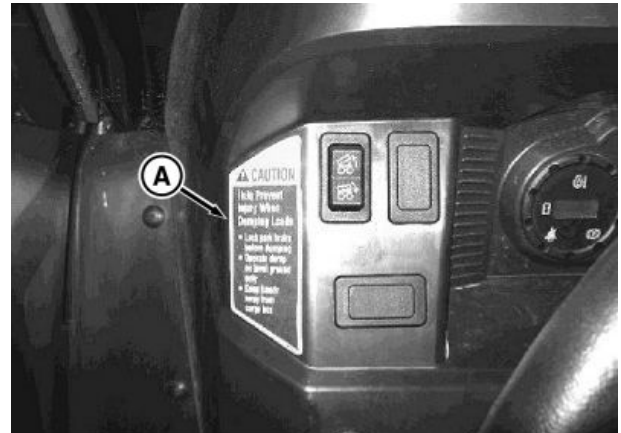
Not Illuminated Switch Shown

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MX52301,0000AD1 -19-26MAY15-1/3

- Install appropriate label (A) for your region on instrument panel.

A—Label, Caution



Text Label Shown

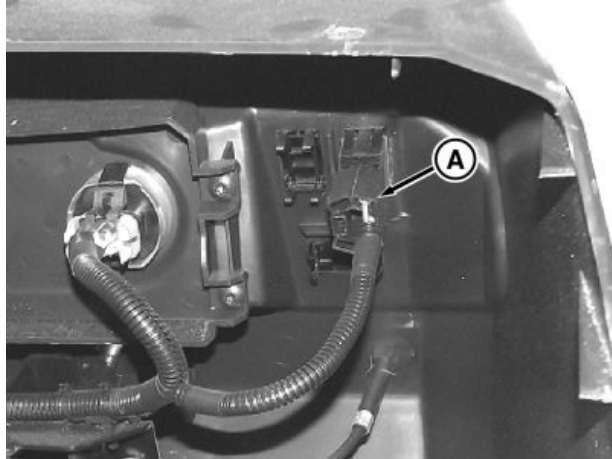
MXT002438 —UN—18JUN12

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3. Attach loose connector (A) on machine main wiring harness to switch.
4. Install front panel, storage compartment, and hood.

A—Connector



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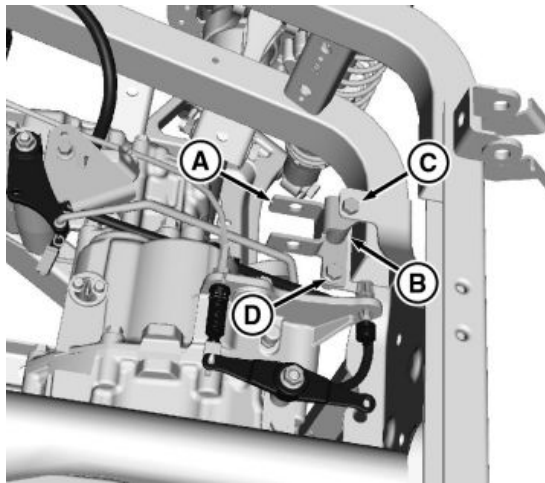
MX52301.0000AD1 -19-26MAY15-3/3

Install Power Lift Cylinder

1. Secure cargo box in raised position with support lever.
2. Position lower lift bracket (A) between tabs on rear machine frame rail.
3. Position spacer (B) between tabs and install cap screw (C).
4. Install cap screw (D) through bracket. Tighten cap screws with locknuts.

A—Bracket, Lower Lift
B—Spacer

C—Cap Screw, M8x70
D—Cap Screw, M8x20



MXT005612 —UN—17SEP12

Picture Note: Cargo box removed for illustration only.

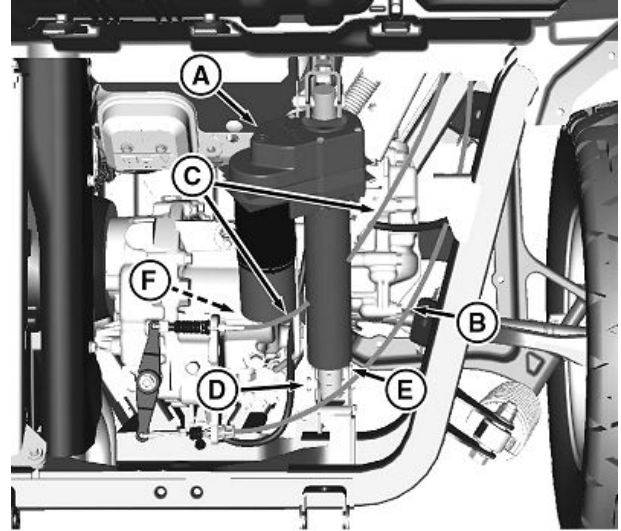
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5. Position power lift cylinder (A) with motor toward center of machine and cylinder between rear shift cable (B) and front shift cable (C).
6. Install cylinder to lower lift bracket with drilled pin (D) and spring locking pin (E).
7. Connect power lift harness connector (F) to mating connector on main harness.

A—Cylinder
 B—Cable, Rear Shift
 C—Cable, Front Shift

D—Pin, Drilled
 E—Pin, Spring Locking
 F—Harness Connector

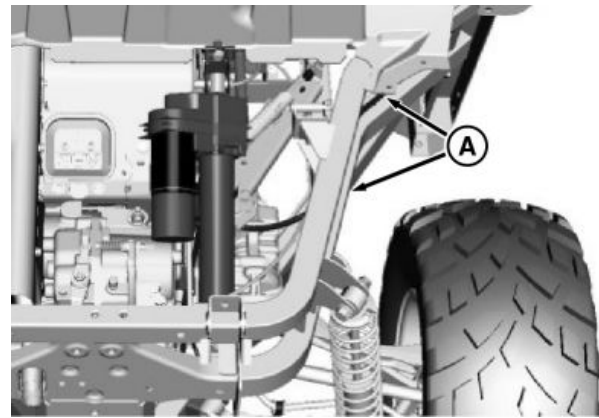


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8. Route power lift harness along top surface of lower right frame rail and install to machine with tie straps.

A—Power Lift Cylinder Harness



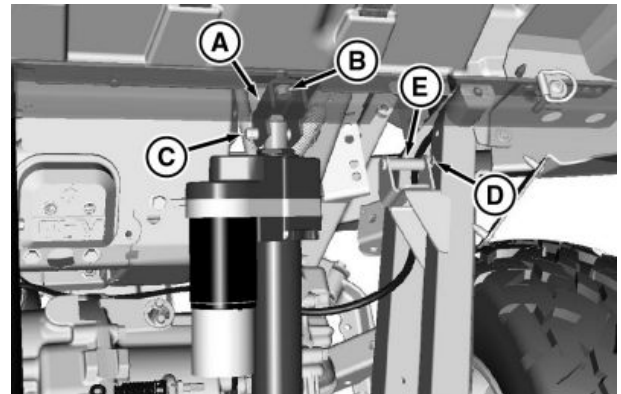
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9. Install upper lift bracket (A) to front box frame rail with cap screw (B) and locknut.
10. Turn ignition key switch to "RUN" position. Extend power lift cylinder with switch as needed to align cylinder rod to cargo box lift bracket.
11. Install drilled pin (C) through power lift upper bracket and cylinder with spring locking pin (D).
12. Remove spring locking pin (D), drilled pin, and bushing (E) from cargo bed lock bracket on each side of machine.

A—Bracket, Upper Lift
 B—Cap Screw, M8x20
 C—Pin, Drilled

D—Pin, Spring Locking
 E—Bushing



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MXT002430 —UN—06MAR12

Check Power Lift Operation

1. Turn the ignition key switch to the "RUN" position. Press bottom of switch to lower cargo box until travel stops and release switch.
2. Press top of switch to raise cargo box until travel stops and release switch.
3. Turn ignition key switch to the "OFF" position. Power lift should not operate in either direction with switch.

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