

Air Ride Seat Kit

BM24379



JOHN DEERE

INSTALLATION INSTRUCTIONS

Air Ride Seat Kit

M173039 15FEB16 (ENGLISH)

**X710, X730, X734, X738, X739, X750, X754,
X758 Series Tractors**

**John Deere Horicon Works
M173039 (15FEB16)**

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Moline, Illinois

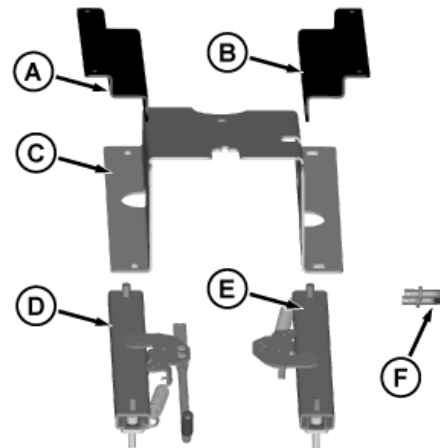
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M173039-19-15FEB16

Parts In Kit

Quantity	Description
1	Seat, Deluxe
1	Bracket, Left
1	Rod, Prop
2	Washer
2	Pin, Spring
4	Nut, M8
4	Socket Head Cap Screw, M8 x 30
1	Seat Rail, Left
2	Spacer, Seat Rail
1	Seat Rail, Right
1	Wire
2	Locknut, M8
4	Self-Tapping Screw, M8 x 16
2	Flange Bolt, M8 x 20
1	Bracket, Right
1	Bracket, Seat
1	Seat Switch
1	Tie Strap
1	Edge Clip

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



A—Bracket, Right
B—Bracket, Left
C—Seat Bracket

D—Seat Rail, Right
E—Seat Rail, Left
F—Rod, Prop

Export units require a different harness to install this seat. Please contact your local John Deere dealer for ordering information.

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Park Machine Safely

1. Stop machine on a level surface, not on a slope.
2. Disengage mower blades or any other attachments.
3. Lower attachments to the ground.
4. Lock the park brake.
5. Stop the engine.
6. Remove the key.
7. Wait for engine and all moving parts to stop before you leave the operator seat.
8. Close fuel shutoff valve, if your machine is equipped.
9. Disconnect the negative battery cable or remove the spark plug wires (for gasoline engines) before servicing the machine.

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Prepare Machine

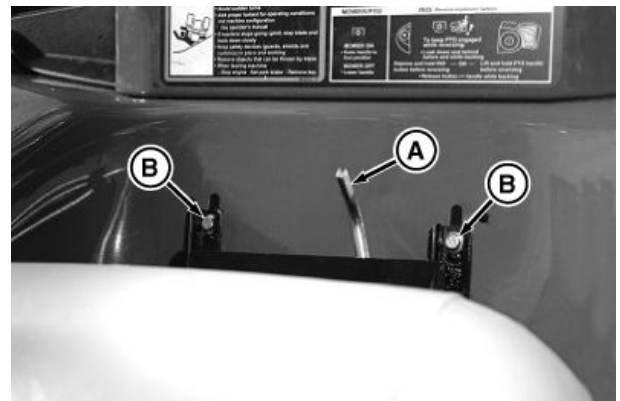
1. Park machine safely. (See Park Machine Safely.)
2. Fully raise steering wheel.

Remove Seat

1. Move seat lever (A) left and seat rearward to reveal two cap screws (B).
2. Remove cap screws.
3. Move seat forward.

A—Seat Lever

B—Cap Screw



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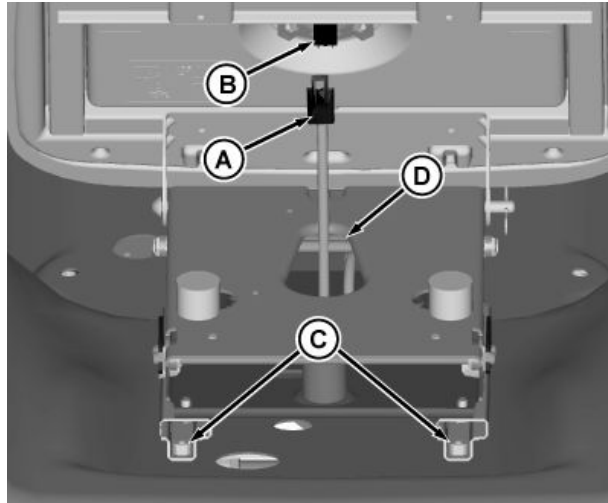
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4. Tilt seat forward and remove wiring harness connector (A) from seat switch (B).
5. Remove two cap screws (C).
6. Remove seat base assembly, passing seat switch wire harness through opening (D) in seat base.
7. Route seat switch wire harness through hole in fender deck.

A—Wiring Harness Connector C—Cap Screw
B—Seat Switch D—Seat Base Opening



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Remove Fender Deck

1. Remove cap screws (A) and nuts.
2. Remove lock nut (B) and fuel tank support bracket.
3. Disconnect front wiring harness (C) from rear wiring harness.
4. Repeat for other side.

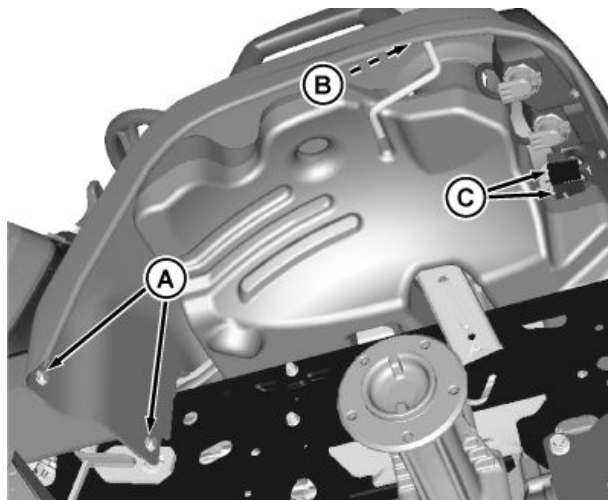
⚠ CAUTION: Avoid Injury! Fuel is flammable!

- Do not smoke while handling fuel.
- Keep fuel away from flames or sparks.
- Clean up spilled fuel immediately.

5. Remove fuel cap.

⚠ CAUTION: Avoid Injury! Machine component or attachment is heavy. Use a safe lifting device or get an assistant to help lift, install, or remove component or attachment.

6. Remove fender deck from machine.
7. Install fuel cap.



A—Cap Screw
B—Locknut

C—Front Wiring Harness

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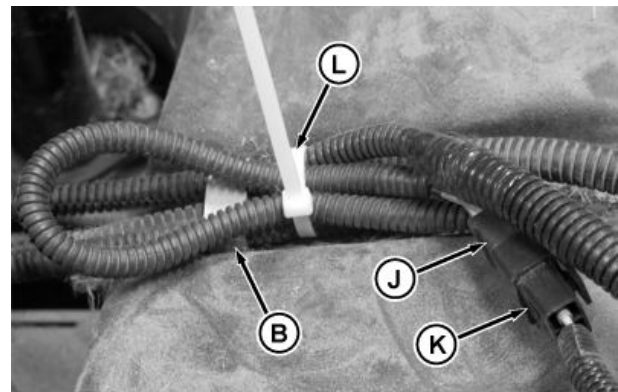
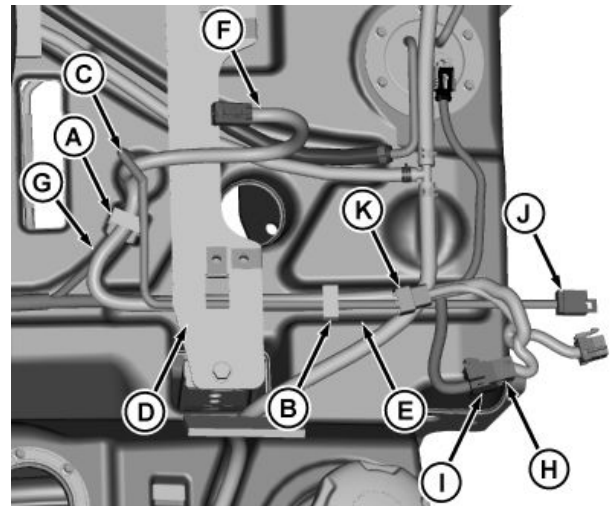
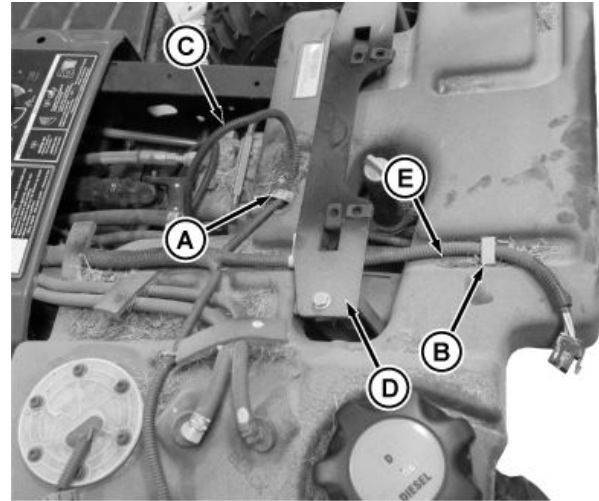
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Install Jumper Harness

1. Remove clips (A, B).
2. Route main harness seat switch pigtail (C) under bracket (D) and through groove (E).
3. Route jumper seat switch pigtail (F) under bracket and through groves (E, G) as shown.
4. Reinstall clips.
5. Connect jumper harness (H) to main harness (I) connector.
6. Connect main harness seat switch connector (J) to jumper harness seat switch connector (K) as shown.
7. Bundle excess main harness seat switch pigtail next to clip (B) with tie strap (L) as shown.

A—Clip	G—Grove
B—Clip	H—Jumper Harness Connector
C—Main Harness Seat Switch Pigtail	I—Main Harness Connector
D—Bracket	J—Seat Switch Harness Connector
E—Grove	K—Tie Strap
F—Jumper Harness Seat Switch Pigtail	L—Seat Switch Jumper Connector



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Install Fender

⚠ CAUTION: Avoid Injury! Fuel is flammable!

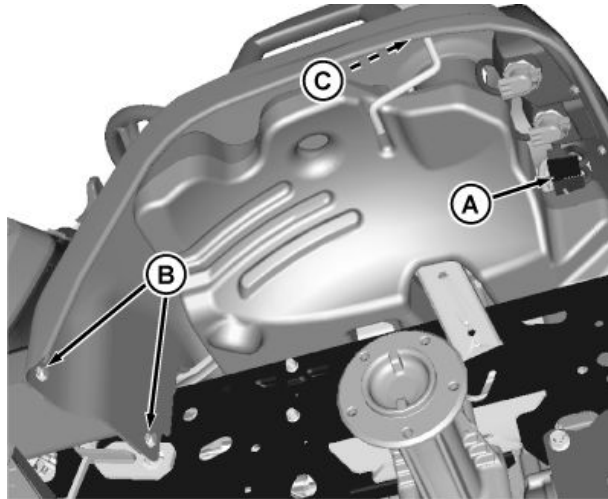
- Do not smoke while handling fuel.
- Keep fuel away from flames or sparks.
- Clean up spilled fuel immediately.

NOTE: Verify that wires are not pinched between fender deck and machine.

1. Remove fuel cap.

⚠ CAUTION: Avoid Injury! Machine component or attachment is heavy. Use a safe lifting device or get an assistant to help lift, install, or remove component or attachment.

2. Install fender deck onto machine.
3. Route seat switch jumper harness connector through hole in fender deck.
4. Install fuel cap.
5. Install jumper harness connector (A) to rear wiring harness.
6. Install two cap screws (B).



A—Jumper Harness connector C—Locknut
B—Cap Screw

7. Install fuel tank support bracket with locknut (C).

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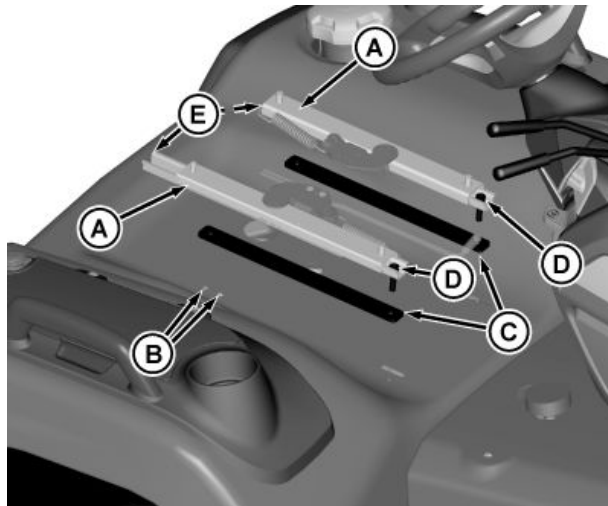
Install Seat

1. Install seat rails:
 - a. Slide top rails (A) rearward as shown.

NOTE: Depending upon operator preference, you can use either front or rear holes (B) when installing rail assemblies. Use front holes for shorter operator or rear holes for a taller operator.

- b. Align and install spacers (C) and seat rails (D) onto fender deck with socket head cap screws (E) as shown. Do not tighten at this time.

A—Top Rail D—Seat Rail
B—Mounting Hole E—Socket Head Caps Screw,
C—Spacer M8 x 30



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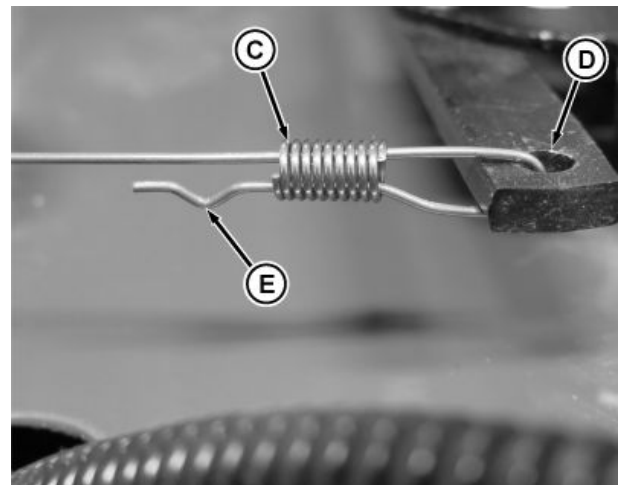
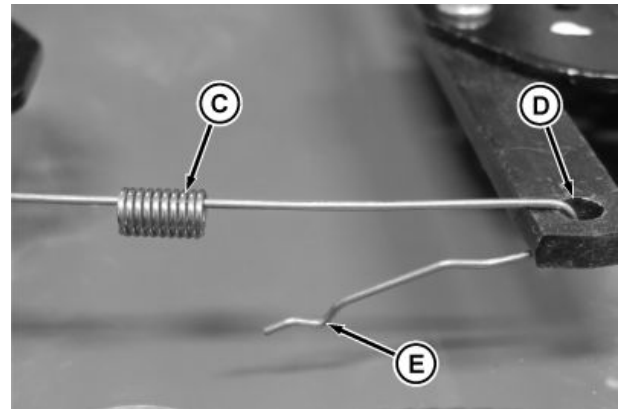
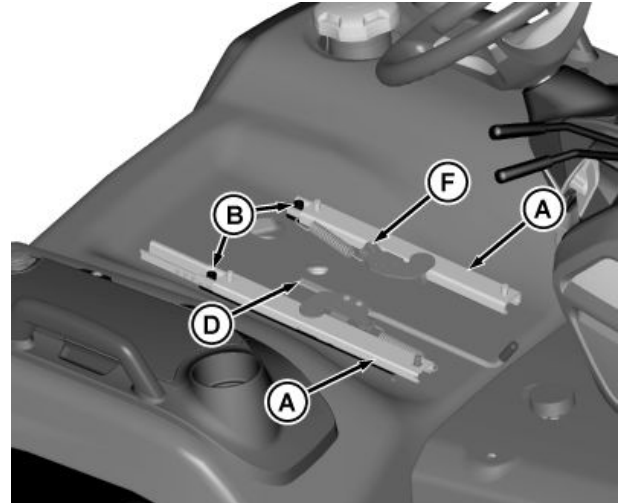
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- c. Slide top rails (A) forward and install socket head cap screws (B) as shown.
- d. Tighten socket head cap screws on rear and front of seat rails.
- e. Slide coil (C) toward center of wire and install wire into hole (D) of adjustment rod.
- f. Compress open end of bracket adjustment wire and slide coil past bend (E) in wire as shown.
- g. Slide coil toward center of bracket adjustment wire and Install other end of bracket adjustment wire into hole (F) of left side adjustment latch.
- h. Compress open end of bracket adjustment wire and slide coil past bend in wire.
- i. Slide top rails until even with each other.

A—Top Rail
B—Socket Head Cap Screw,
M8 x 30
C—Coil

D—Hole, Adjustment Rod
E—Bend
F—Hole, Left Seat Rail



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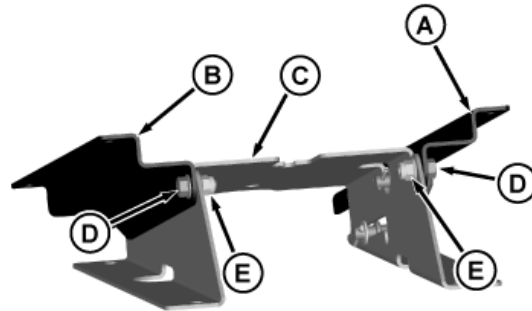
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2. Assemble seat bracket:

- a. Install left bracket (A) and right bracket (B) onto seat bracket (C) with flange bolts (D) and locknuts (E).
Do not tighten hardware.

A—Bracket, Left
B—Bracket, Right
C—Bracket, Seat

D—Flange Bolt, M8 x 20
E—Locknut, M8



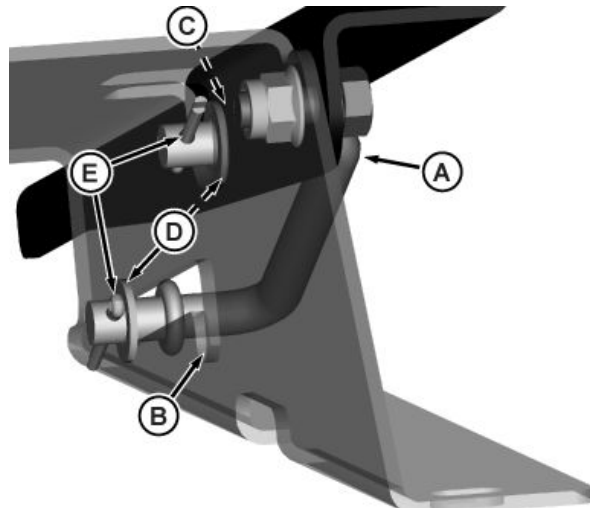
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- b. Install prop rod (A) through slot (B) on seat bracket and hole (C) in left tilt bracket with washers (D) and cotter pins (E).

A—Prop Rod
B—Slot, Seat Bracket
C—Hole, Left Bracket

D—Washer
E—Cotter Pin



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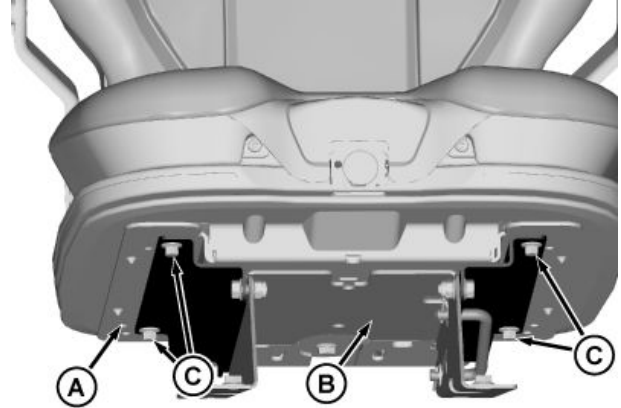
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- c. Install seat assembly (A) onto seat bracket assembly (B) with four self-tapping screws (C). Tighten all hardware

A—Seat Assembly
B—Seat Bracket Assembly

C—Self-Tapping Screw, M8 x 16

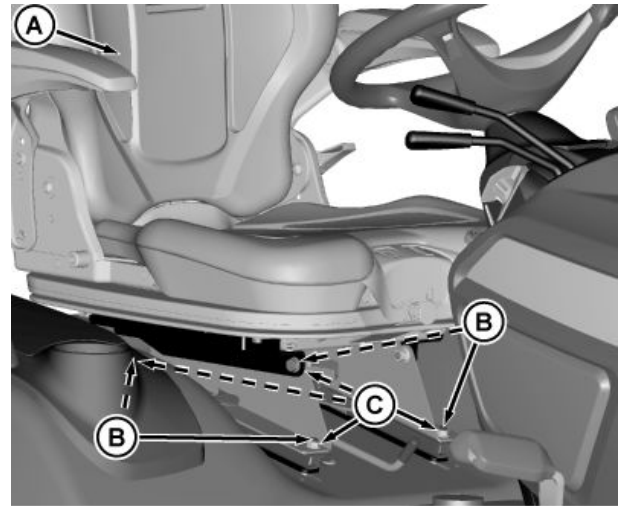


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3. Install seat and bracket assembly:
- Install seat and bracket assembly (A) onto studs (B) on seat rails with four nuts (C).
 - Raise and lock seat with prop rod.

A—Seat and Bracket Assembly C—Nut, M8
B—Stud



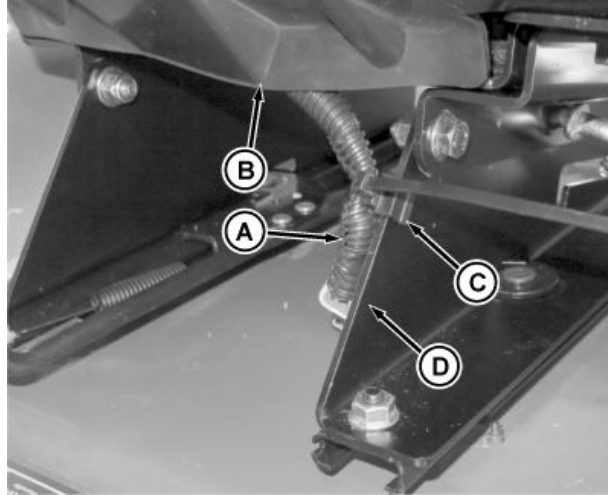
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- c. Route seat switch wiring harness (A) through front of seat skirt (B).
- d. Install edge clip (C) onto seat bracket (D) as shown.
- e. Install seat switch wiring harness to edge clip. Do not tighten wire tie at this time.

A—Seat Switch wiring harness D—Seat Bracket
 B—Seat Skirt E—Seat Switch Wiring Harness
 C—Edge Clip



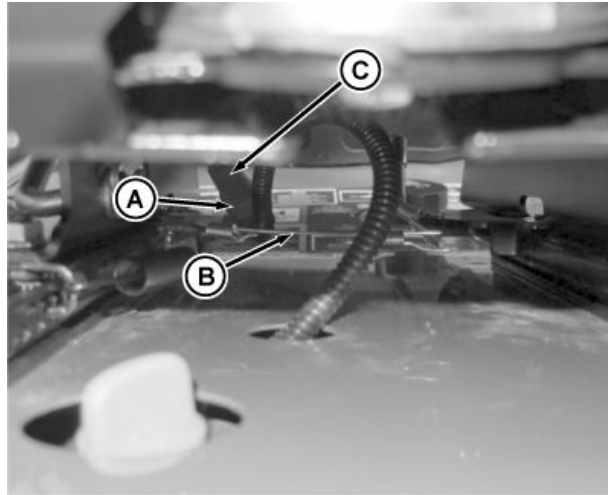
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- f. Route jumper harness connector (A) behind and above seat bracket adjustment wire (B) and install to seat switch connector (C).
- NOTE: Be sure to leave enough slack in wiring harness for seat to be raised or moved forward and rearward.*

- g. Tighten wire tie around seat switch wiring harness. Remove excess wire tie.

A—Jumper Harness Connector C—Seat Switch Wiring Harness
 B—Bracket Adjustment Wire



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Adjusting Seat

1. Park machine safely. (See Park Machine Safely.)
2. Front to rear adjustment: Push left on adjustment rod (A) while simultaneously moving seat towards front or rear of machine. Release adjustment rod to lock in position.

NOTE: Key switch must be in RUN position and 12V outlet switch must be in ON position to adjust air ride suspension.

3. Air ride suspension adjustment: While sitting on seat, push knob (B) toward seat to inflate suspension. Pull knob to deflate suspension. Indicator (C) measures inflation level of seat; when indicator is in window (D) seat is inflated to appropriate level. Adjust inflation level to individual comfort.
4. Lumbar support adjustment: Turn left rear knob (E) either direction for individual comfort level.
5. Seat back adjustment: Lift handle (F) and adjust back until proper angle is obtained. Release handle.

A—Front to Rear Adjustment Rod

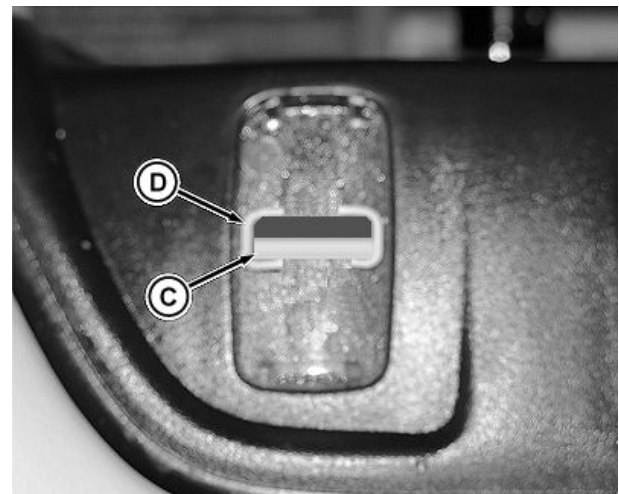
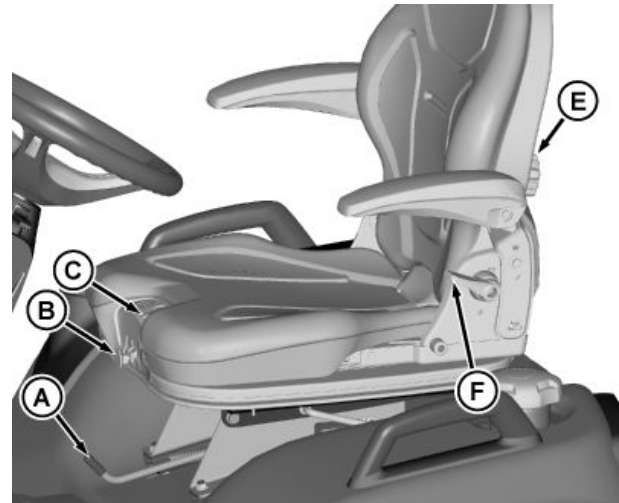
B—Air Ride Suspension Handle

C—Air Ride Suspension Indicator

D—Air Ride Suspension Indicator Window

E—Lumbar Support Knob

F—Seat Back Adjustment Handle



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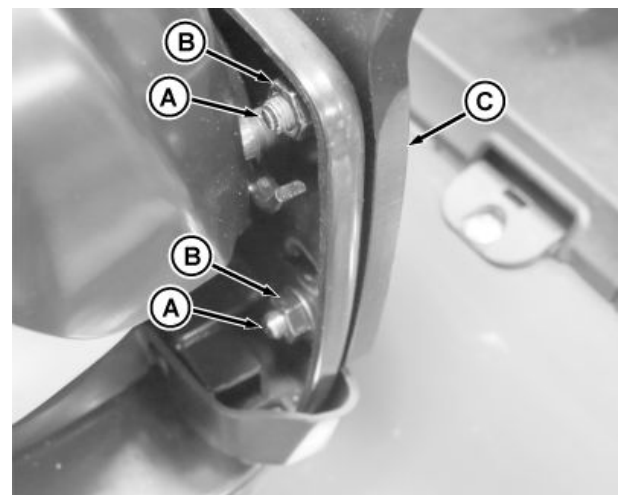
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6. To adjust armrest height, tilt seat forward and remove two cap screws (A), nuts (B), and arm rest bracket (C) from both sides of seat. Raise or lower arm rest brackets to individual comfort; reinstall cap screws and nuts.

A—Cap Screw
B—Nut

C—Arm Rest Bracket



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