

# Winch Adaptor Kit

BUC11120



**JOHN DEERE**

## INSTALLATION INSTRUCTIONS

### Winch Adaptor Kit

UC28709 01SEP20 (ENGLISH)

XUV550, XUV550 S4, XUV560, XUV560 S4, XUV560E,  
XUV560E S4, XUV590E, XUV590E S4, XUV590i, XUV590M,  
XUV590i S4, XUV590M S4, RSX850i, RSX860E, RSX860i,  
and RSX860M Gator™ Utility Vehicles

**John Deere Horicon Works**  
**UC28709 (01SEP20)**

**Edition**

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UC28709-19-01SEP20

**Parts in Kit**

Quantity	Description
1	Switch Knob Assembly with Harness
1	Large Roller Fairlead
1	Winch Rope
1	Grommet
2	Tie Strap

FENAFNX,00001CB -19-20AUG20-1/1

**Parking Safely**

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

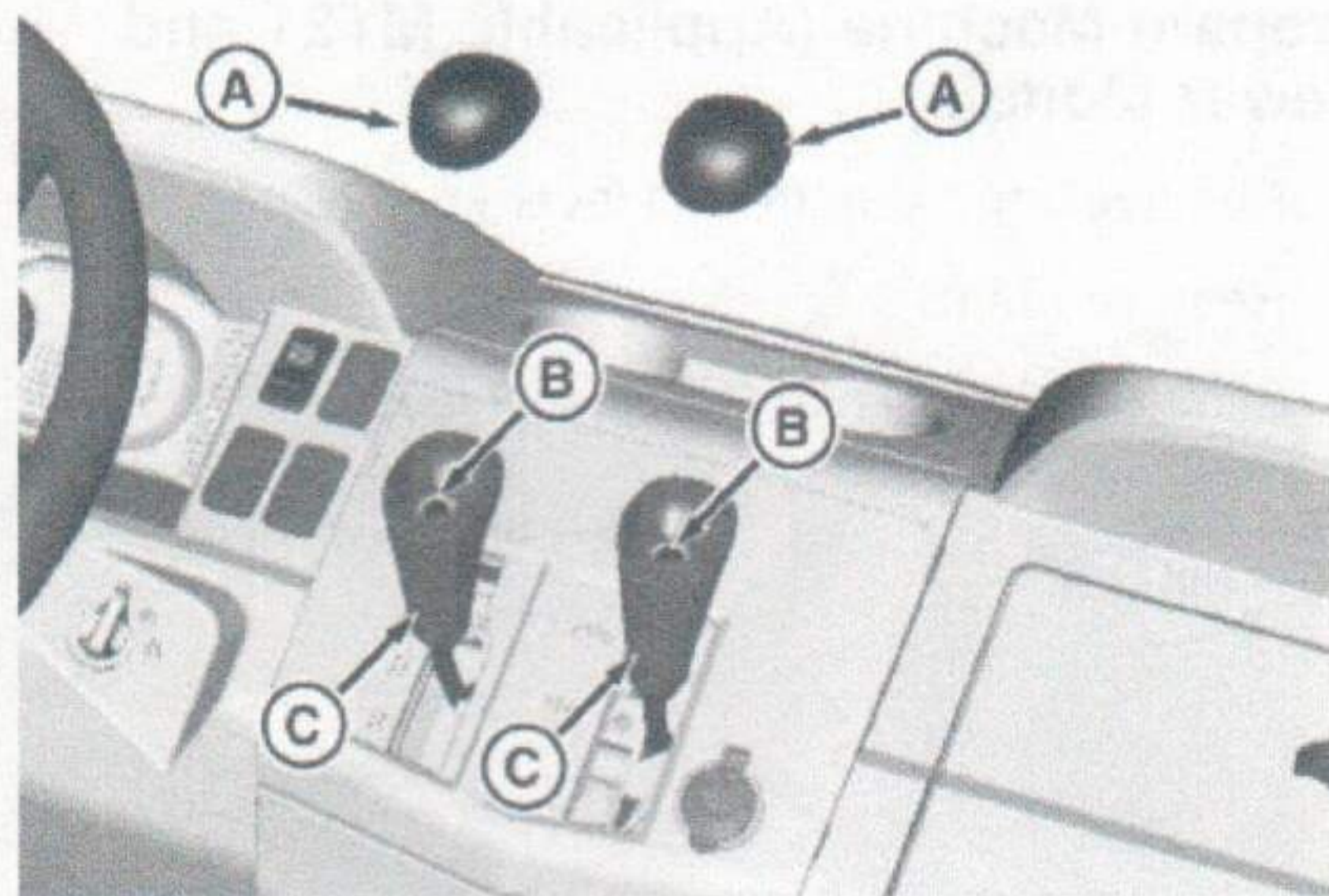
MX88017,0000007 -19-17OCT19-1/1

**Prepare Machine (MY20 and Older XUV Models)**

1. Remove two caps (A) from shift lever knobs (C).
2. Remove nuts (B).
3. Slide shift lever knobs (C) off shift levers.

A— Cap (2 used)  
B— Nut (2 used)

C— Shift Lever Knob (2 used)



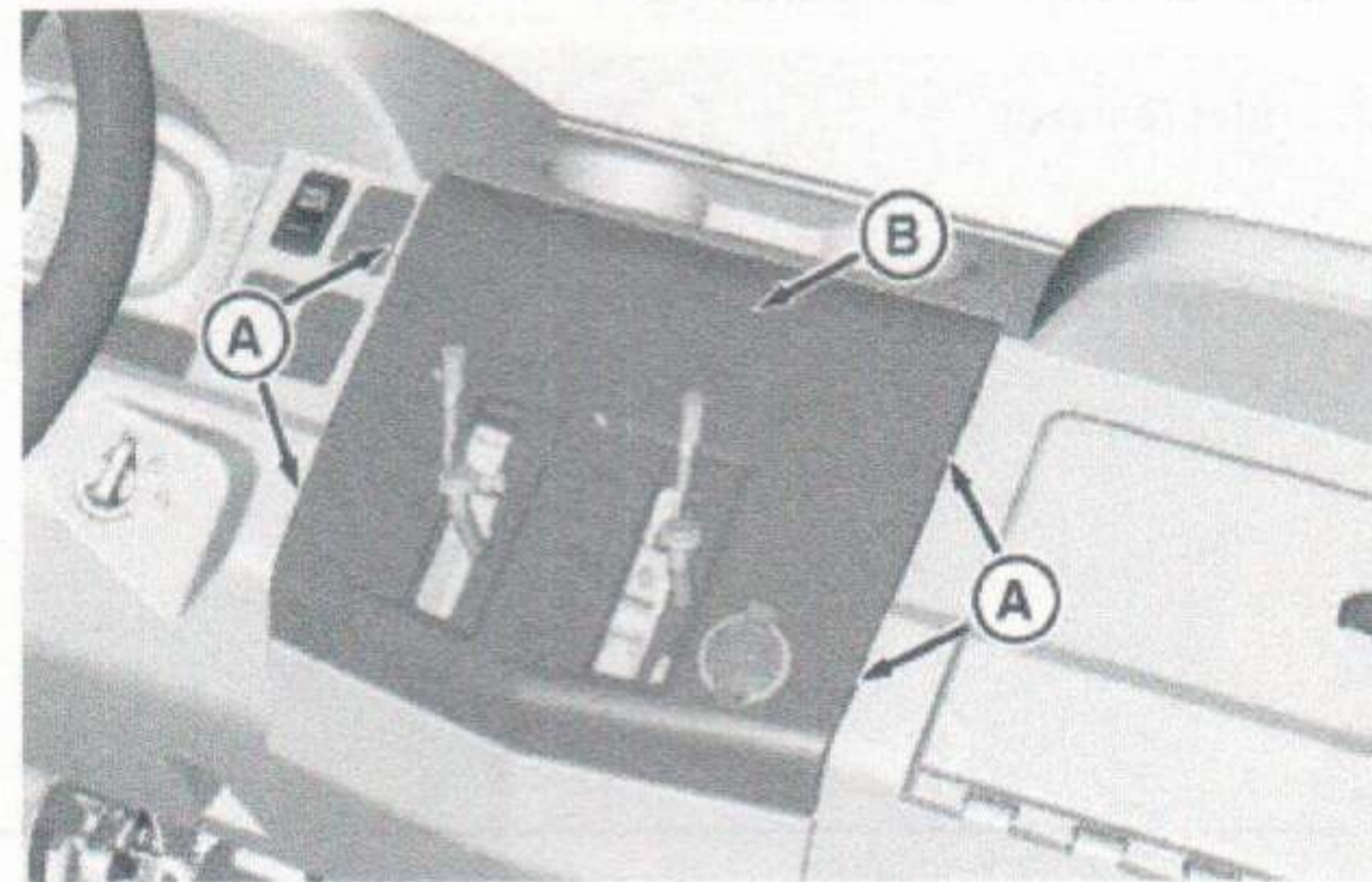
MX1008667—JUN—10OCT13

FENAFNX,0000133 -19-06JUL20-1/3

4. Insert a thin blade screwdriver into slots (A) to release tabs carefully. Lift panel (B).

A— Slot (4 used)

B— Panel



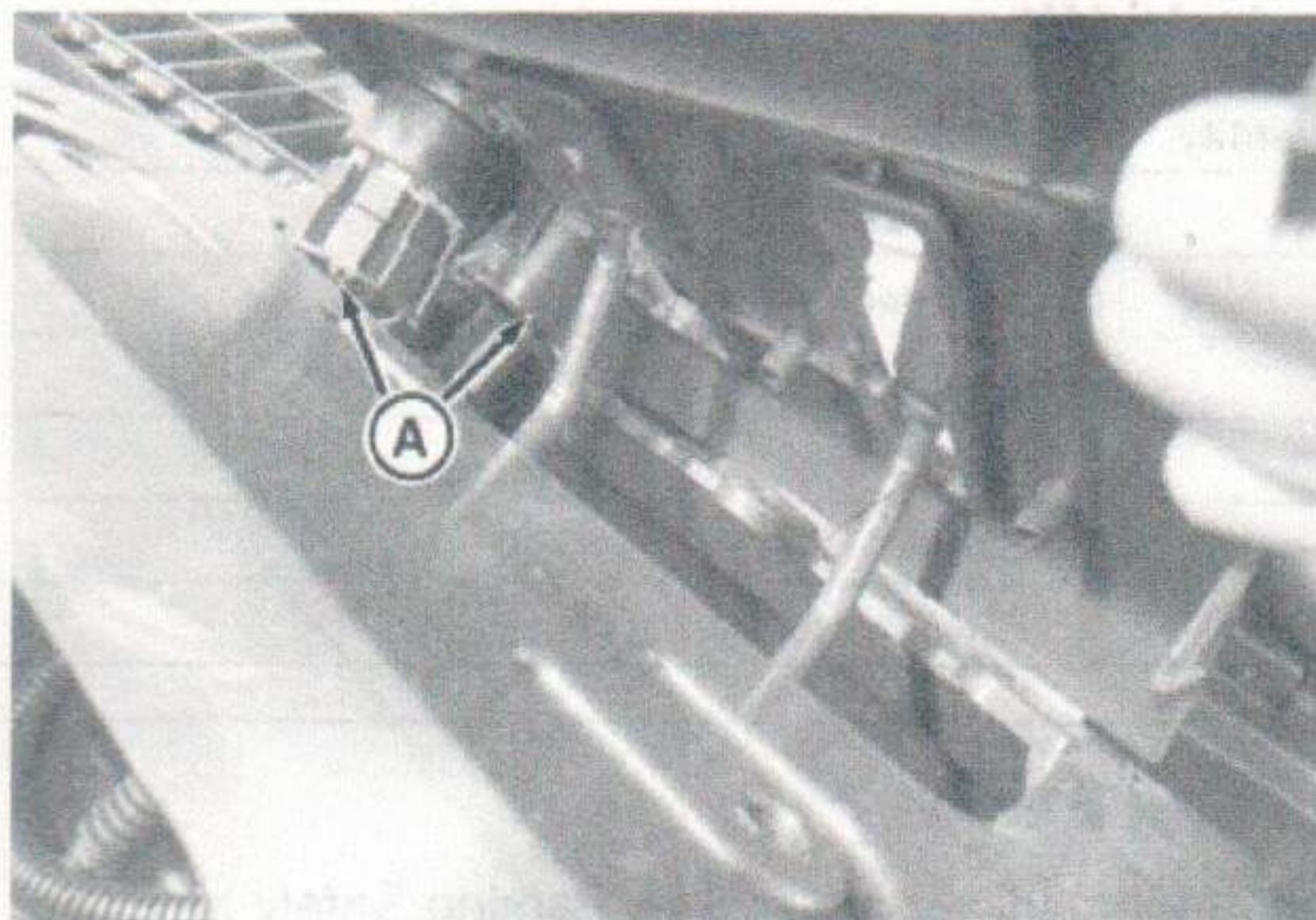
MX1013279—JUN—19DEC14

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FENAFNX,0000133 -19-06JUL20-2/3

5. While holding up panel, remove wiring harness connectors (A) as required.
6. Remove panel.

A— Wiring Harness Connector  
(2 used)



MXTO13280 —UN—19DEC14

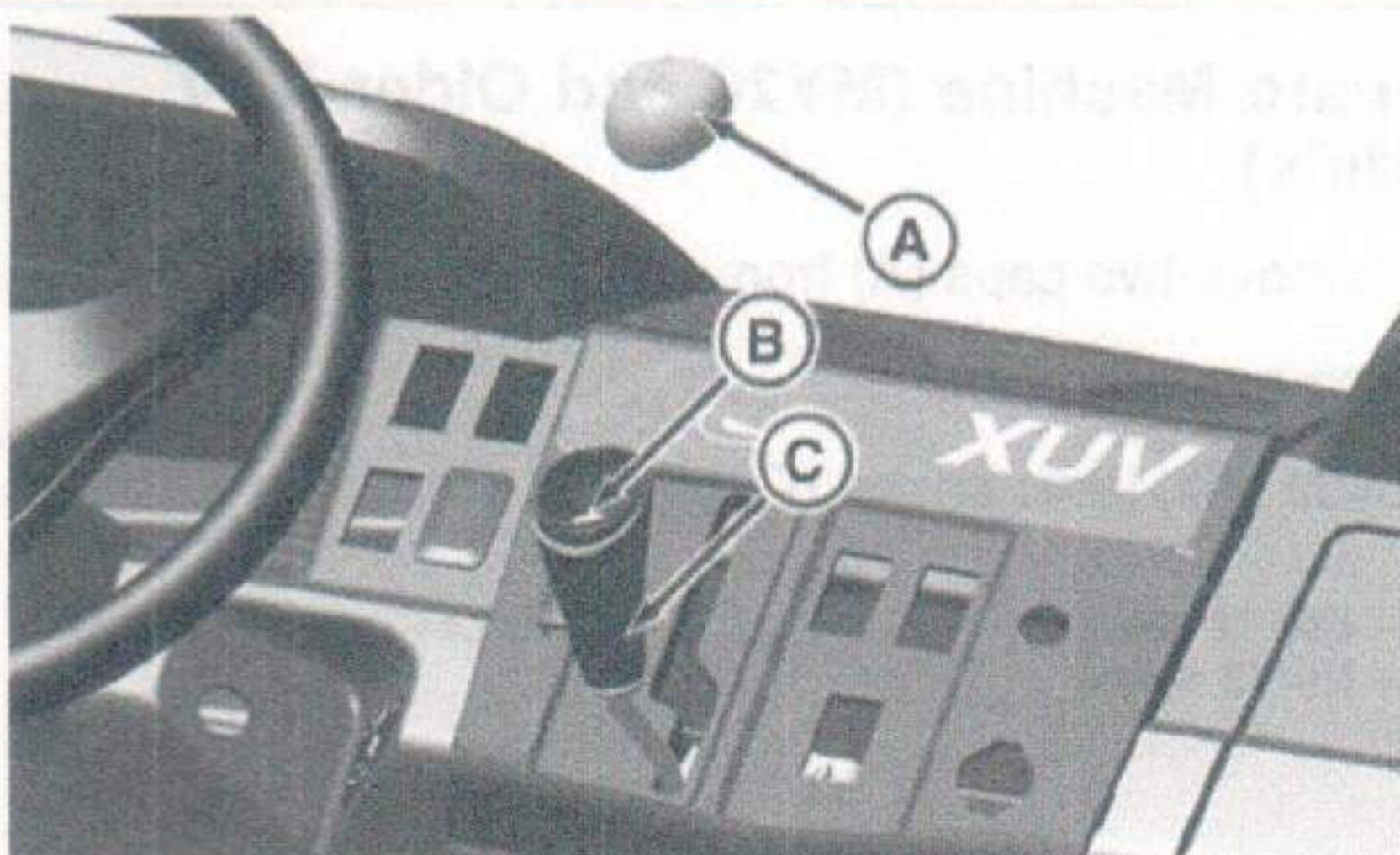
FENAFNX,0000133 -19-06JUL20-3/3

### Prepare Machine (Applicable MY21 and Newer Models)

1. Remove cap (A) from shift lever knob (C).
2. Remove nut (B).
3. Slide shift lever knob (C) off shift lever.

A— Cap  
B— Nut

C— Shift Lever Knob



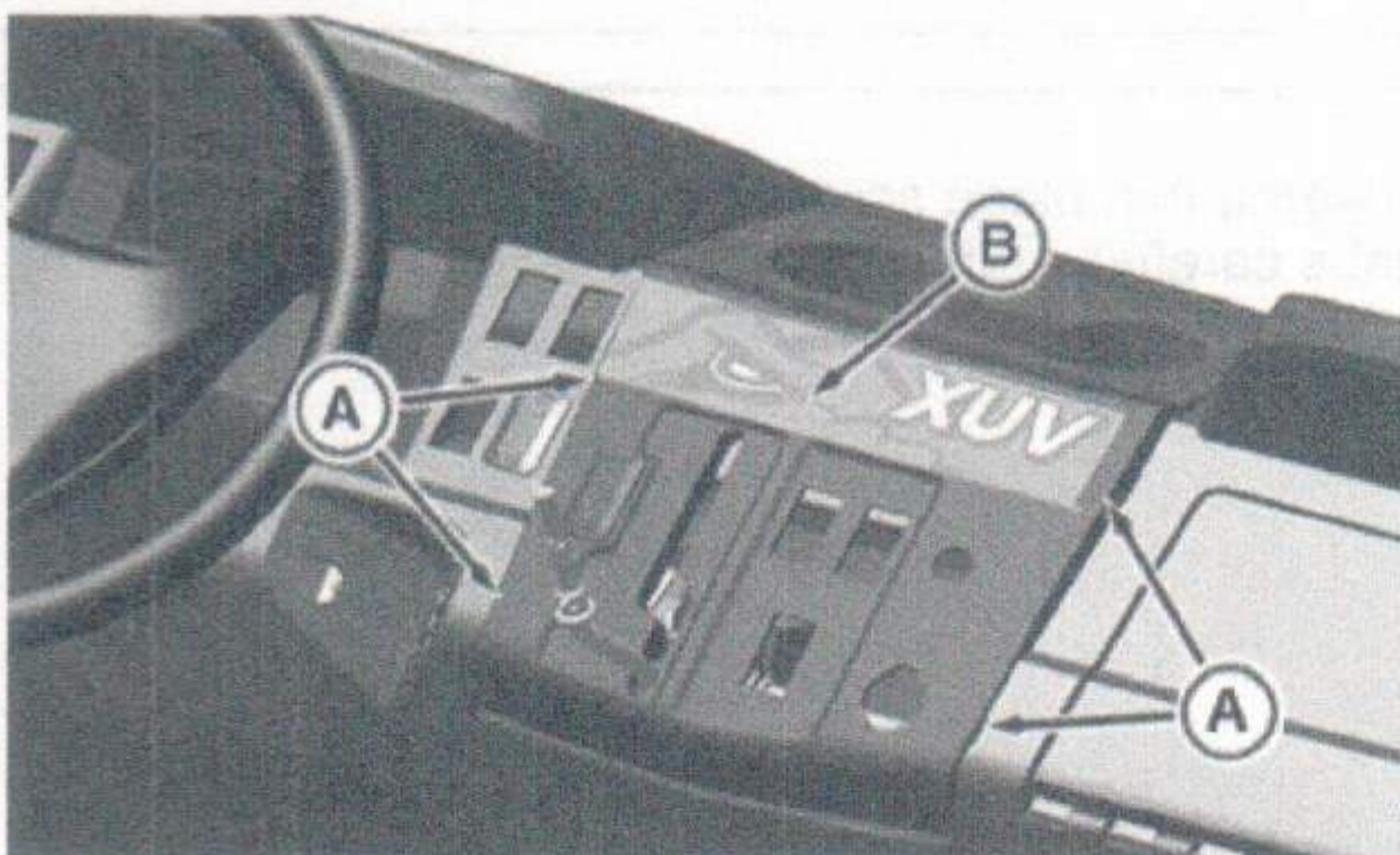
APY34308 —UN—09APR20

FENAFNX,0000134 -19-06JUL20-1/3

4. Insert a thin blade screwdriver into slots (A) to release tabs carefully. Lift panel (B).

A— Slot (4 used)

B— Panel



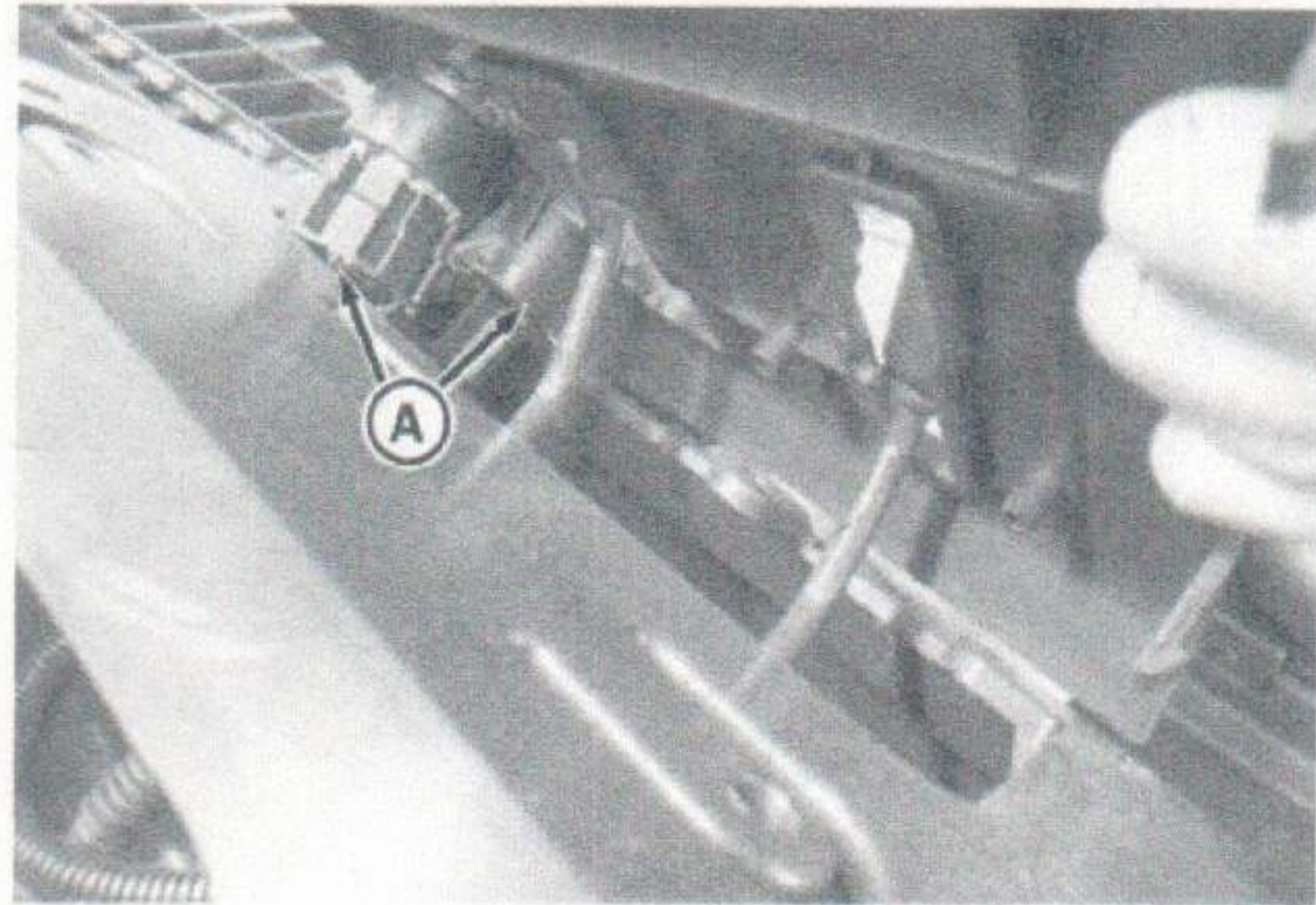
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FENAFNX,0000134 -19-06JUL20-2/3

5. While holding up panel, remove wiring harness connectors (A) as required.
6. Remove panel.

A— Wiring Harness Connector  
(2 used)



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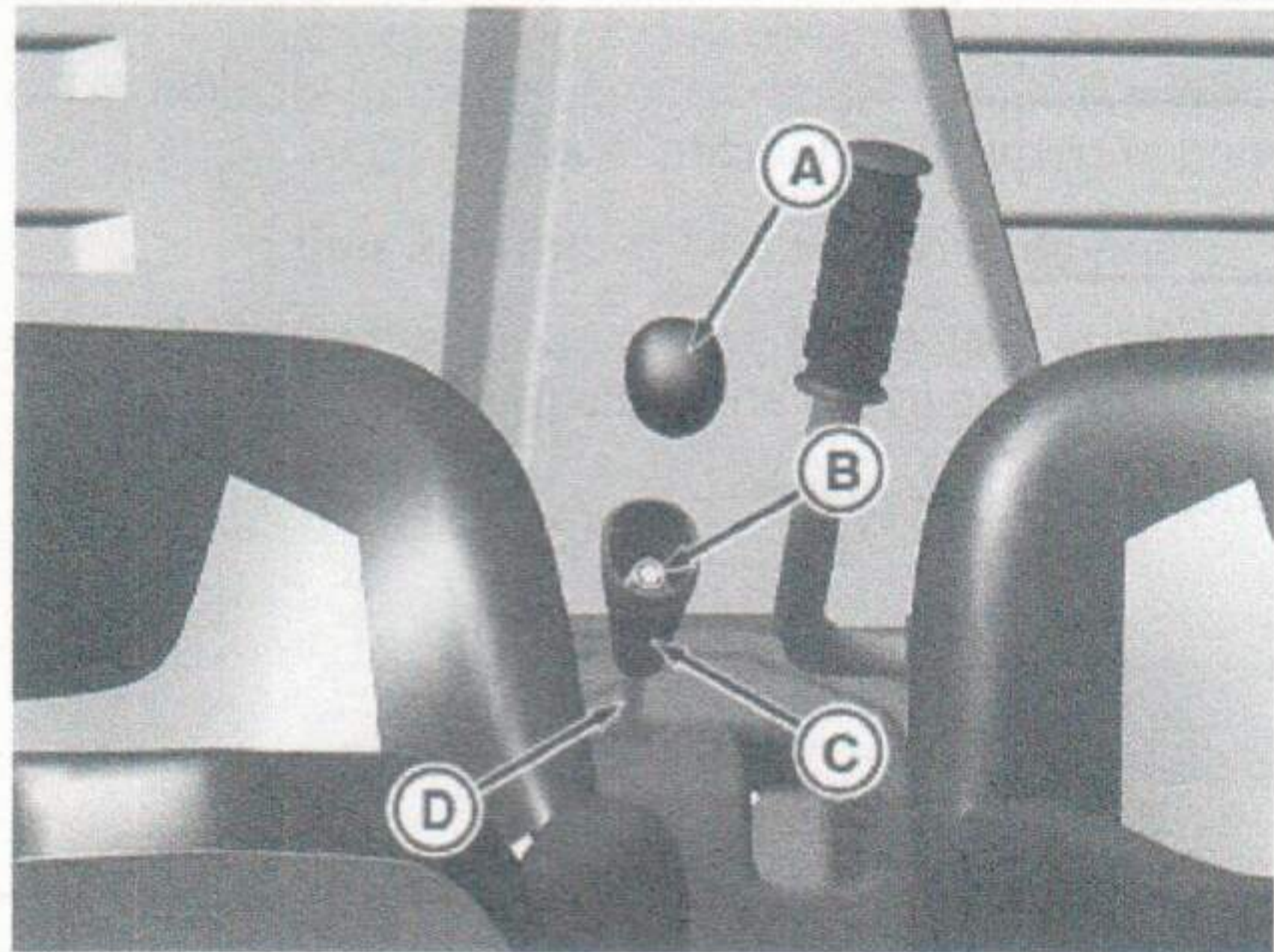
FENAFNX,0000134 -19-06JUL20-3/3

### Prepare Machine (For RSX Models)

1. Remove cap (A) from shift lever knob (C).
2. Remove nut (B).
3. Slide shift lever knob (C) upward from the shift lever (D), and remove shift lever knob (C).

A— Cap  
B— Nut

C— Shift Lever Knob  
D— Shift Lever



APY35087—UN—07MAY20

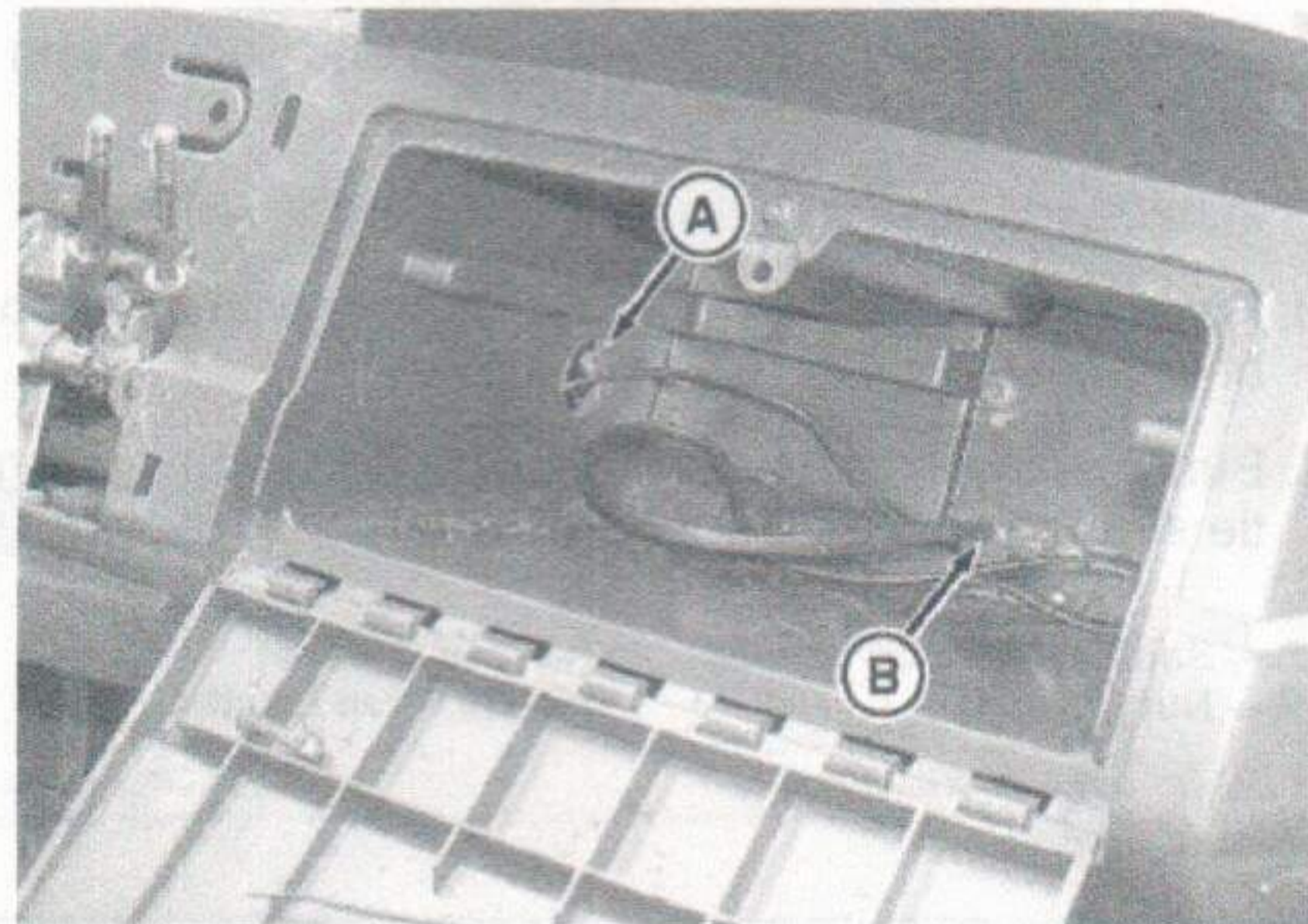
BVMSIT,00002E9 -19-06JUL20-1/1

### Install Winch Controller Switch (MY20 and Older XUV Models)

1. Measure 51 mm (2 in) from bottom and 76 mm (3 in) from the rear of the glove box. Mark spot and cut a 32 mm (1-1/4 in) hole (A).
2. Run end of switch harness into the glove box and connect to socket (B).

A— Drill Location

B— Socket



MXT013283—UN—19DEC14

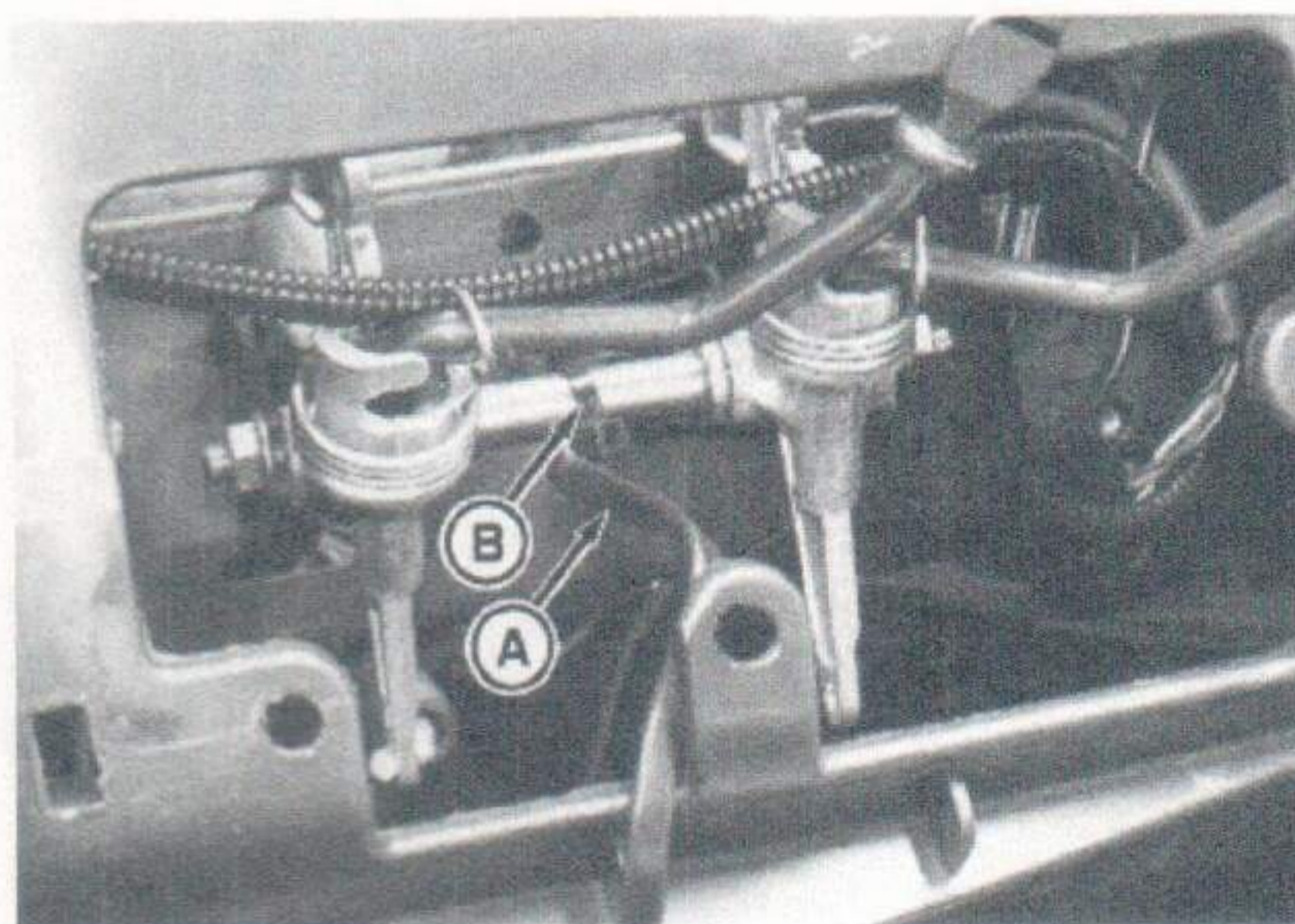
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FENAFNX,0000135 -19-06JUL20-1/4

- Route switch harness (A) and loosely attach with tie strap at location (B).

A— Switch Harness

B— Tie Strap Location



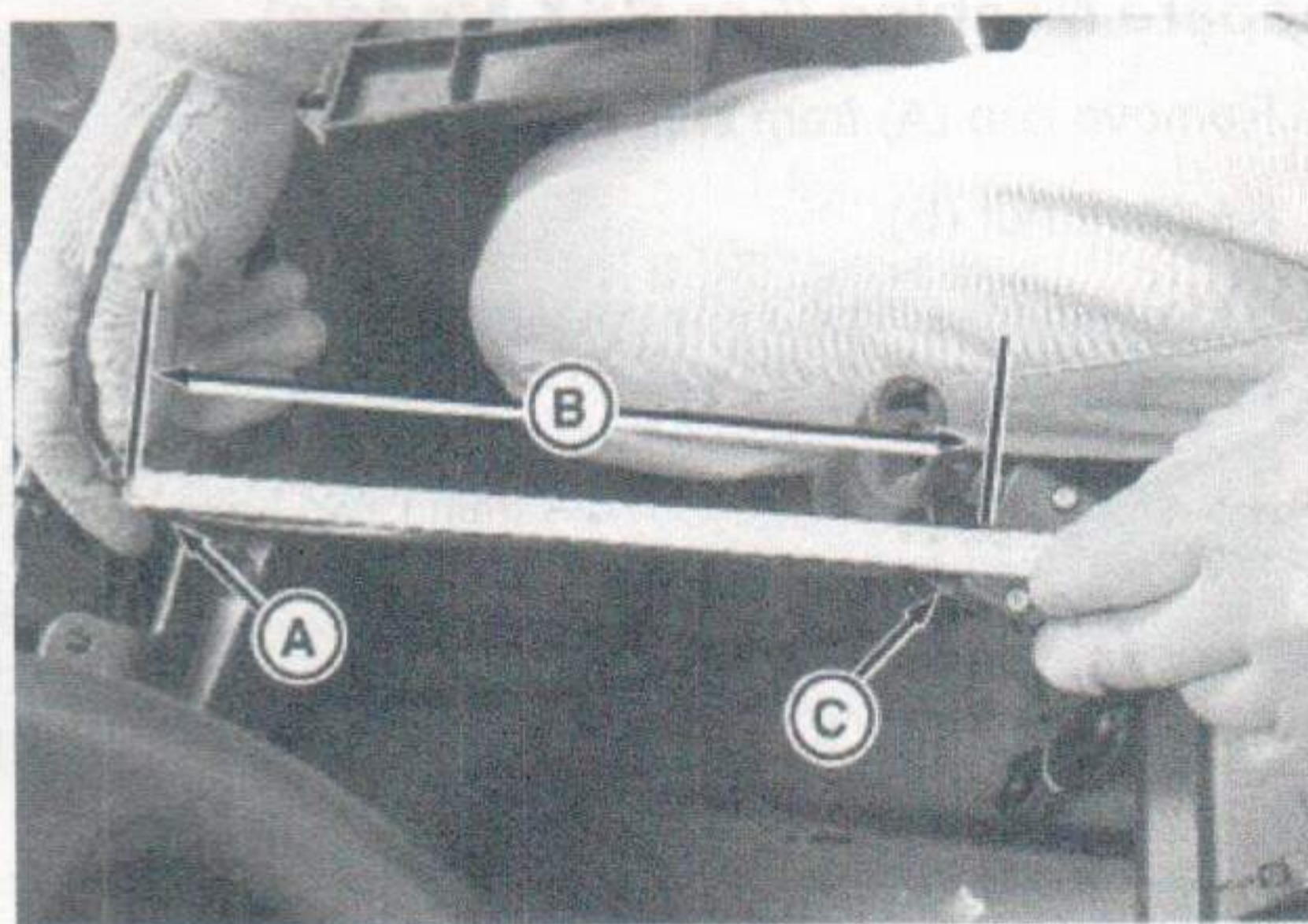
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FENAFNX,0000135 -19-06JUL20-2/4

- Leave 9 inch of length (B) from tie strap location (A) to end of harness connected to switch (C).
- Tighten tie strap installed in previous step.
- Feed the switch and end of harness through the gearshift hole in the shift gate panel.
- Install shift gate panel.

A— Tie Strap Location  
B— Length of Wire

C— Switch



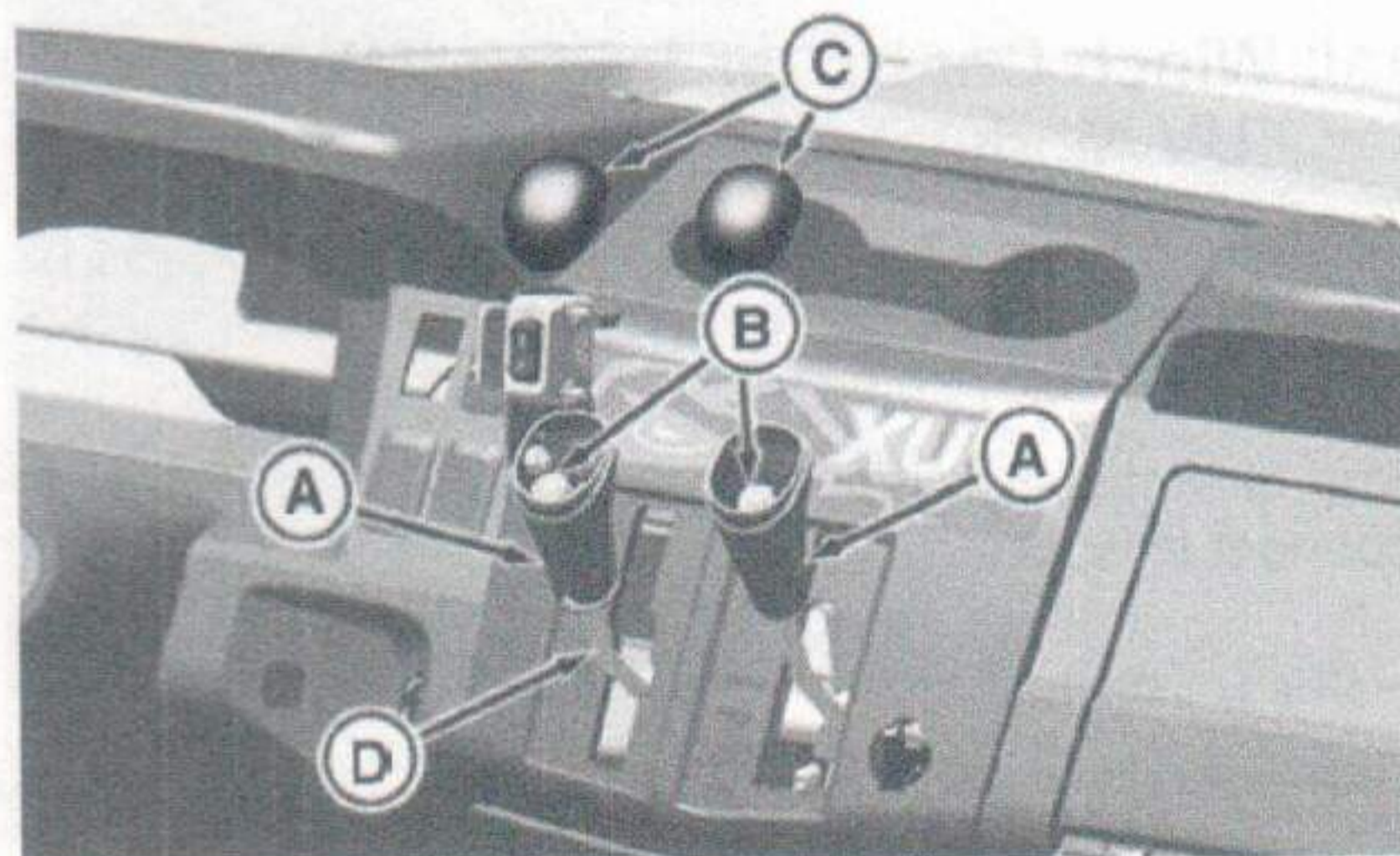
MXT013285 —UN—19DEC14

FENAFNX,0000135 -19-06JUL20-3/4

- Install two new shift lever knobs (A) and secure with two nuts (B).
- Install two caps (C) onto shift lever knobs (A).
- Fasten the switch harness to shift lever with tie strap at location (D).
- Bundle excess harness length in the glove box using tie strap.

A— Shift Lever Knob (2 used)  
B— Nut (2 used)

C— Cap (2 used)  
D— Tie Strap Location



APY34344 —UN—28APR20

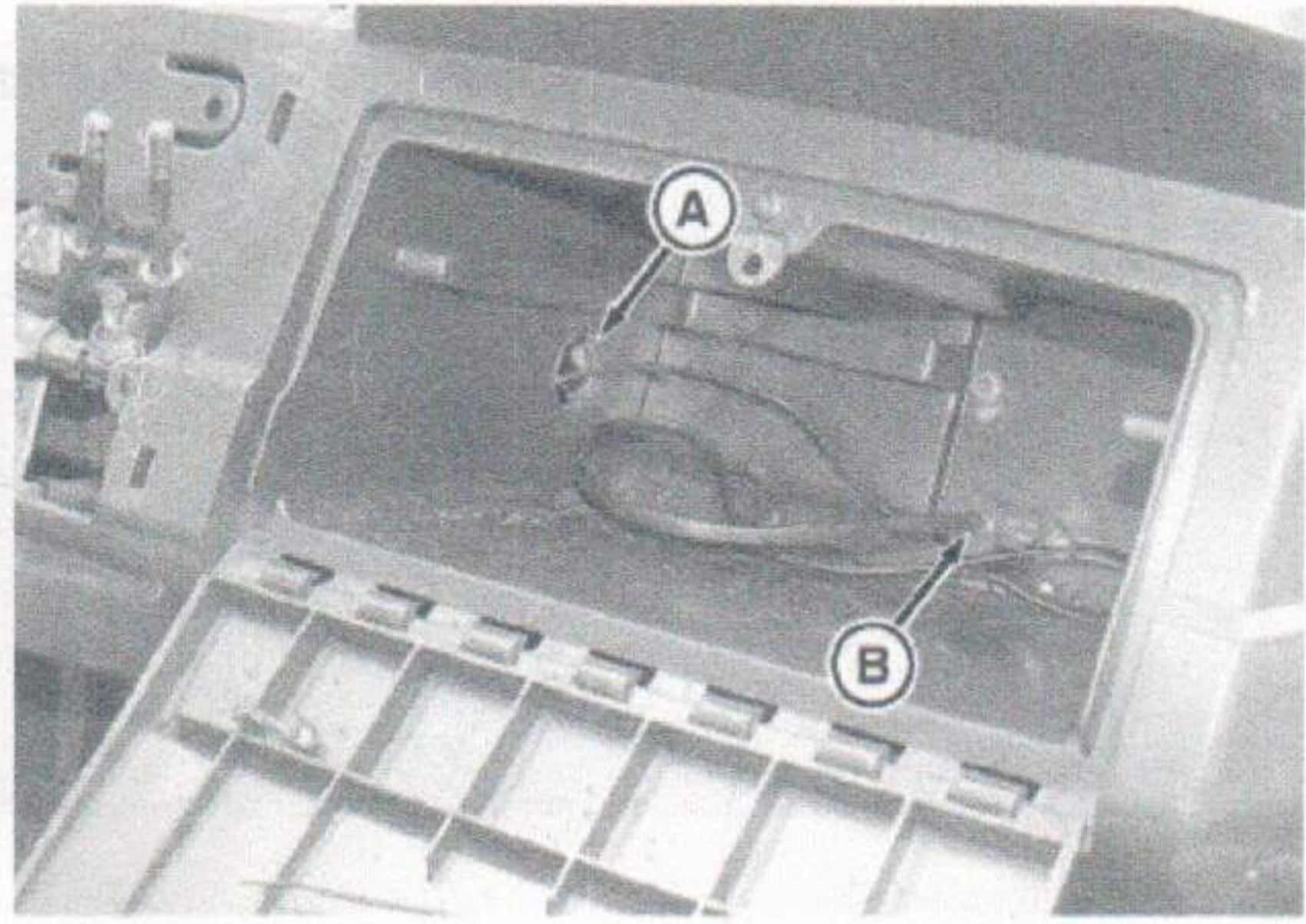
FENAFNX,0000135 -19-06JUL20-4/4

### Install Winch Controller Switch (Applicable MY21 and Newer Models)

1. Measure 51 mm (2 in) from bottom and 76 mm (3 in) from the rear of the glove box. Mark spot and cut a 32 mm (1-1/4 in) hole (A).
2. Run end of switch harness into the glove box and connect to socket (B).

A— Drill Location

B— Socket



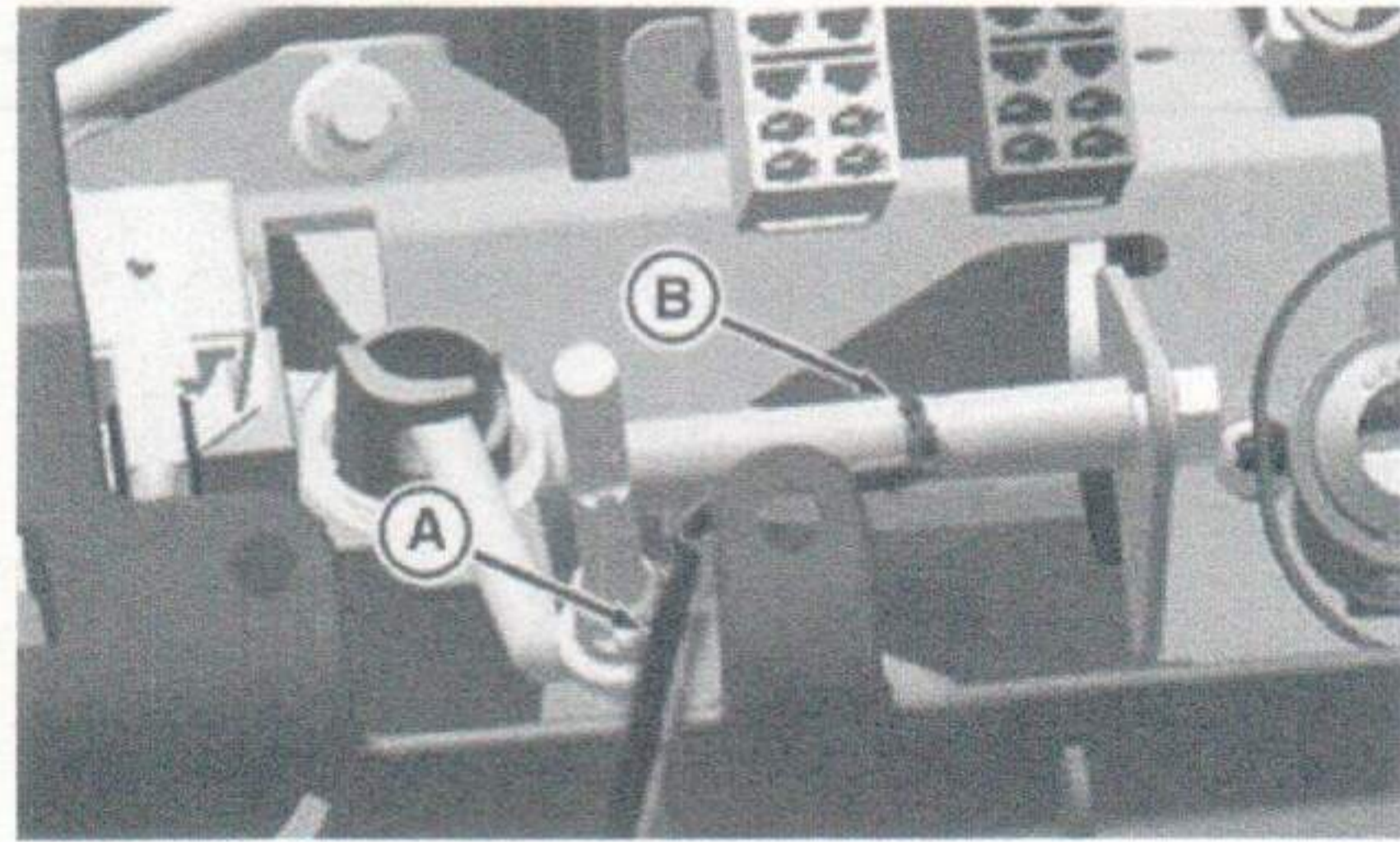
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FENAFNX,00001CC -19-20AUG20-17

3. Route switch harness (A) and loosely attach with tie strap at location (B).

A— Switch Harness

B— Tie Strap Location



APY34343 —UN—28APR20

FENAFNX,00001CC -19-20AUG20-27

4. Remove in-out switch (A) from housing by removing two screws (B).

A— Switch

B— Screws (2 used)



MX101053 —UN—06JUL20

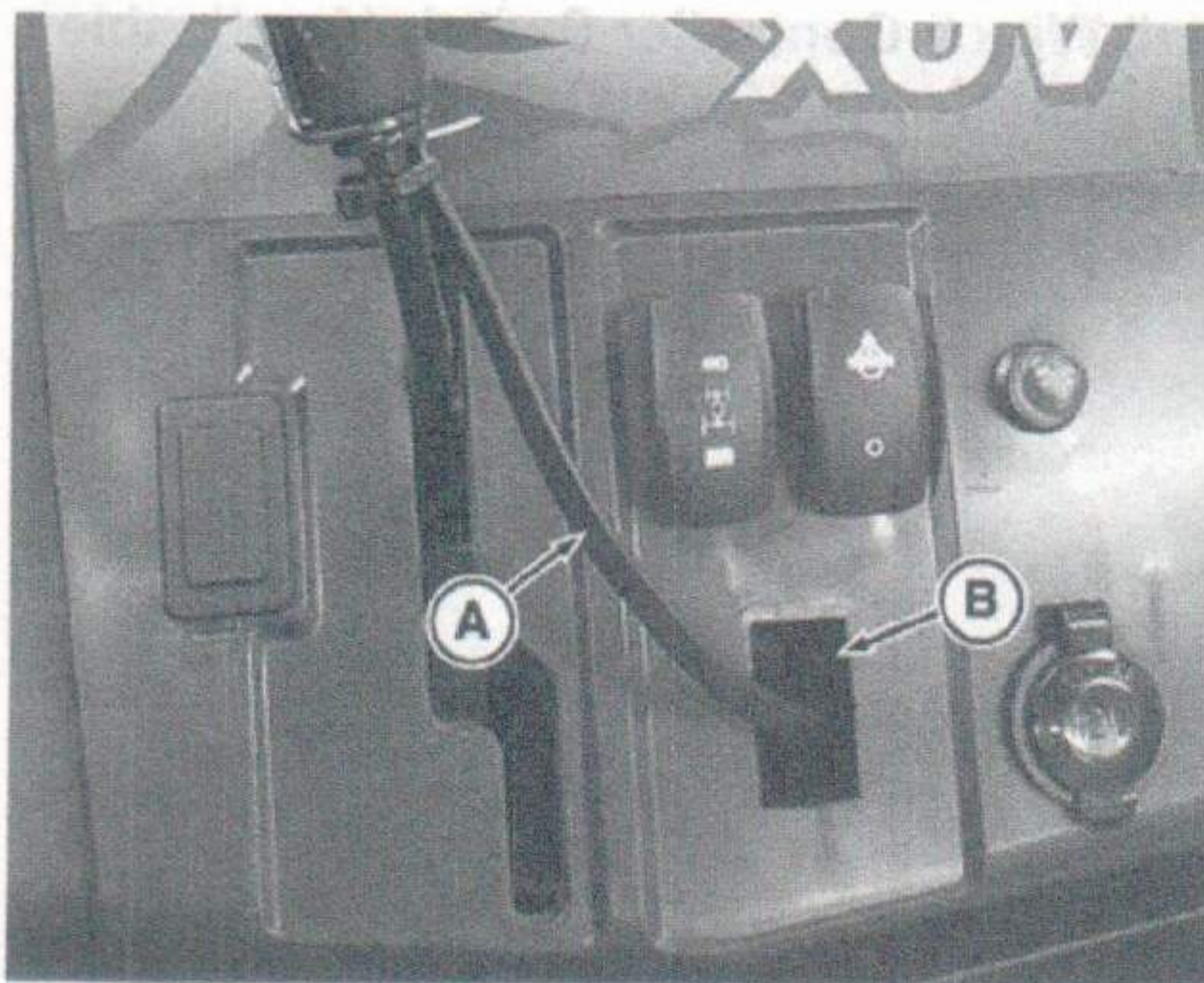
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FENAFNX,00001CC -19-20AUG20-37

- Remove switch cover in bezel and route in-out switch and harness (A) through switch blank (B).

A— Harness

B— Switch Blank



MX101054 —JUN—06JUL20

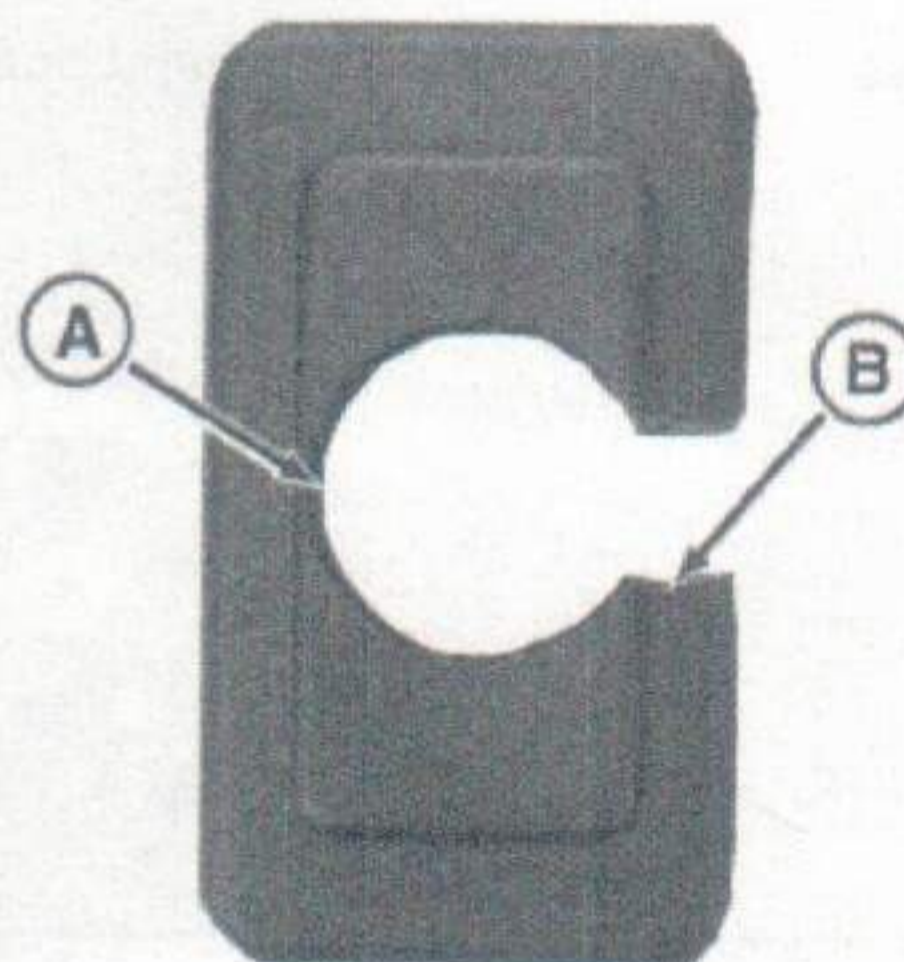
FENAFNX,00001CC -19-20AUG20-4/7

- Drill 0.625 in hole (A) through the center of the switch blank and cut a small slot (B) between the hole and the side as shown.

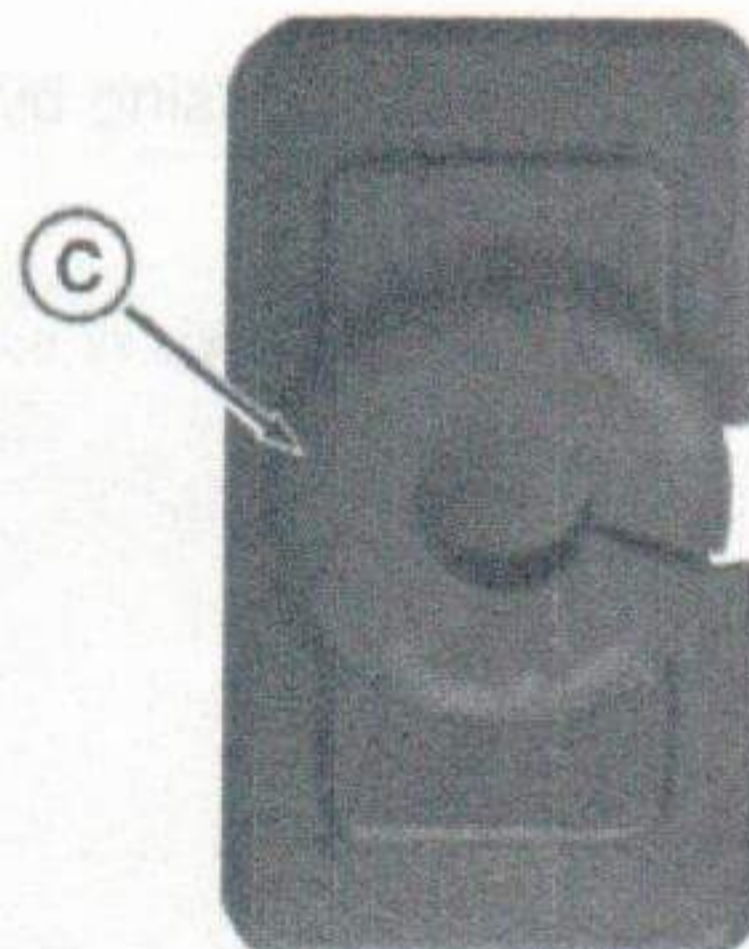
- Insert the grommet (C) in hole (A) and slide the wire into the grommet.

A— Hole  
B— Slot

C— Grommet



APY34470 —JUN—20AUG20



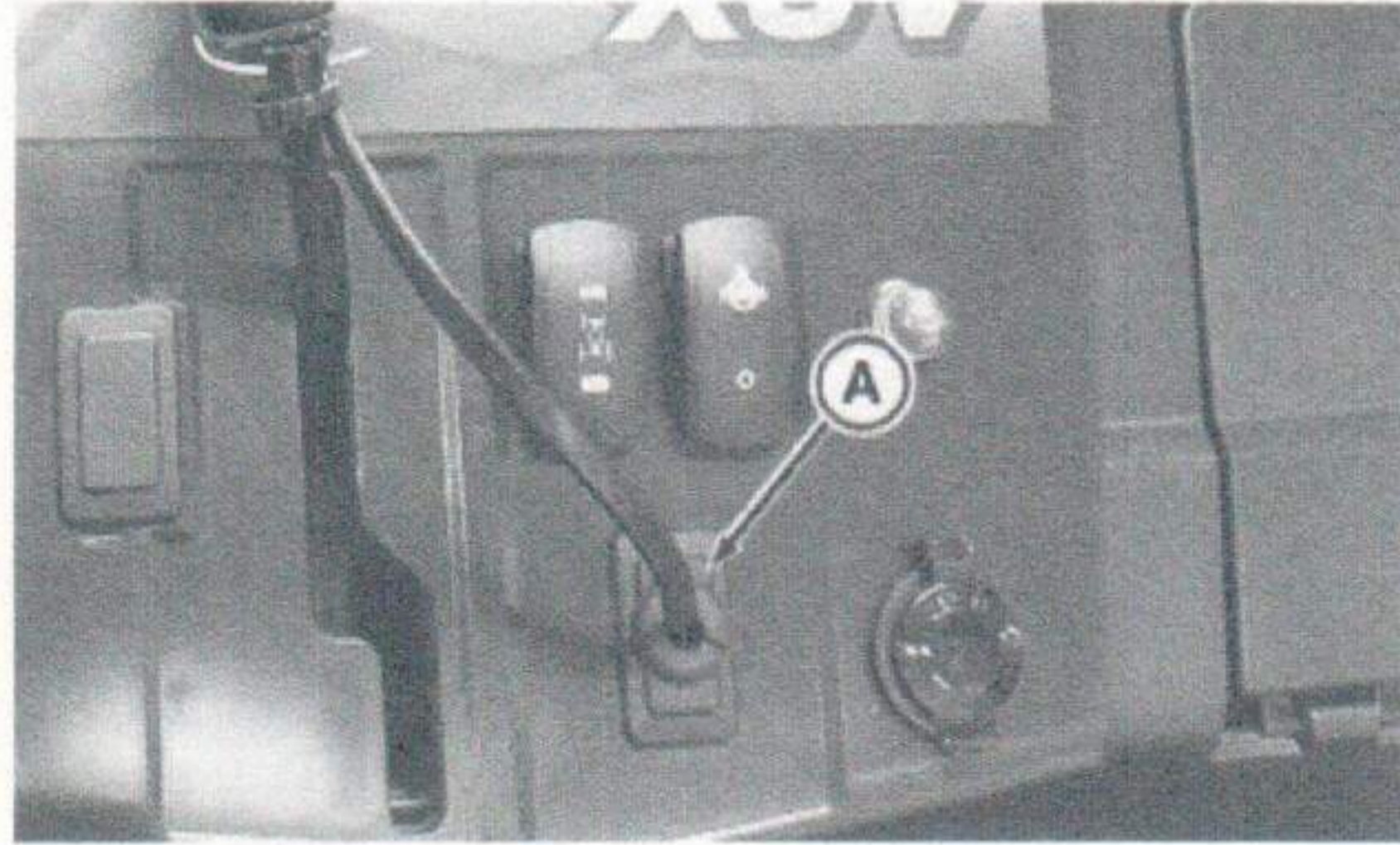
APY34471 —JUN—20AUG20

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FENAFNX,00001CC -19-20AUG20-5/7

8. Snap the switch blank and grommet assembly (A) into the bezel.
9. Install shift gate panel.

A— Switch Blank and Grommet Assembly



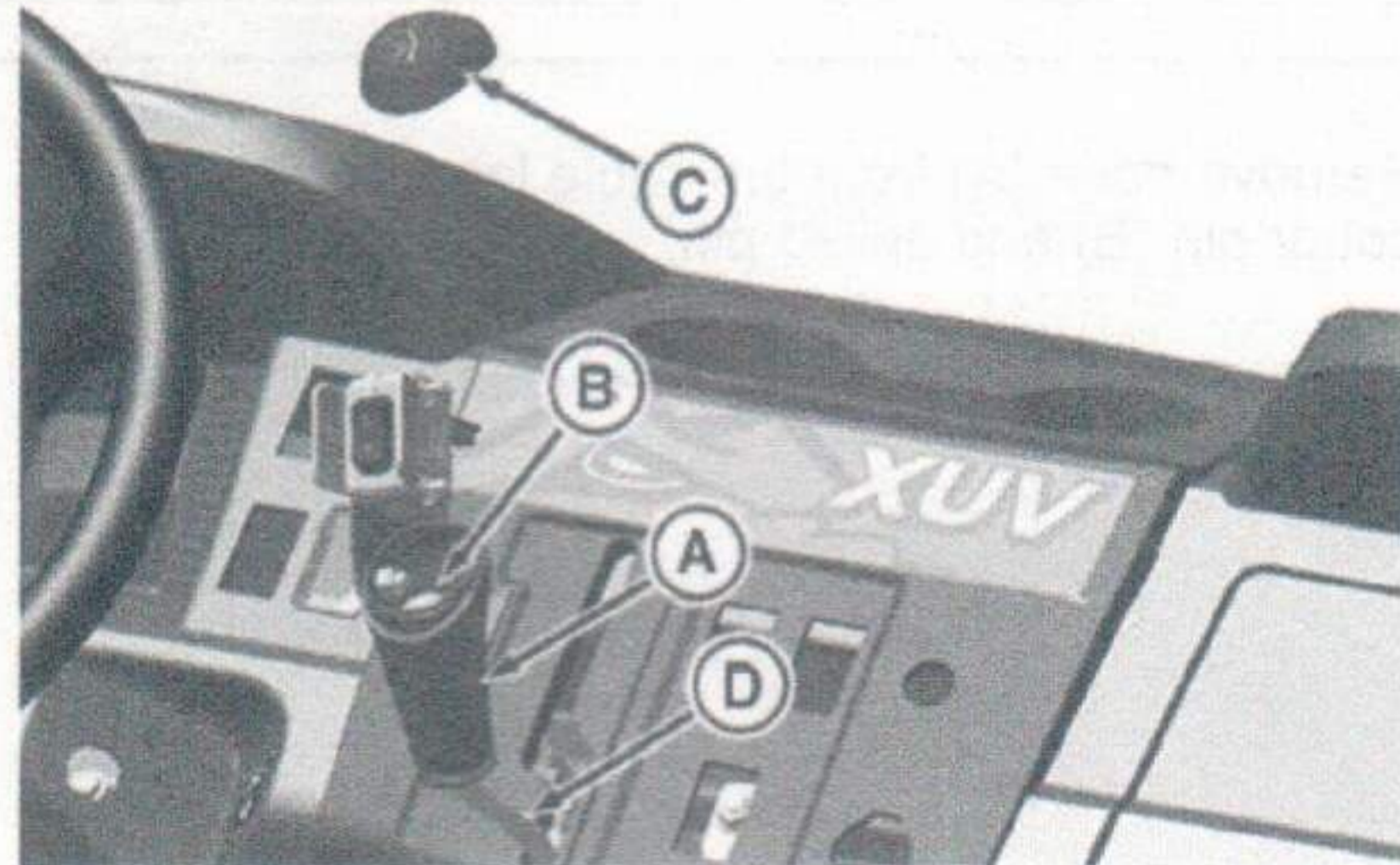
APY34472 —JUN—20AUG20

FENAFNX,00001CC -19-20AUG20-6/7

10. Install new shift lever knob (A) and secure with nut (B).
11. Install cap (C) onto shift lever knob (A).
12. Install in-out switch to the housing previously removed.
13. Fasten the switch harness and shift lever with tie strap at location (D).
14. Ensure that shift lever and harness has full range of motion.
15. Bundle excess harness length in the glove box using tie strap.

A— Shift Lever Knob  
B— Nut

C— Cap  
D— Tie Strap Location



APY34312 —JUN—28APR20

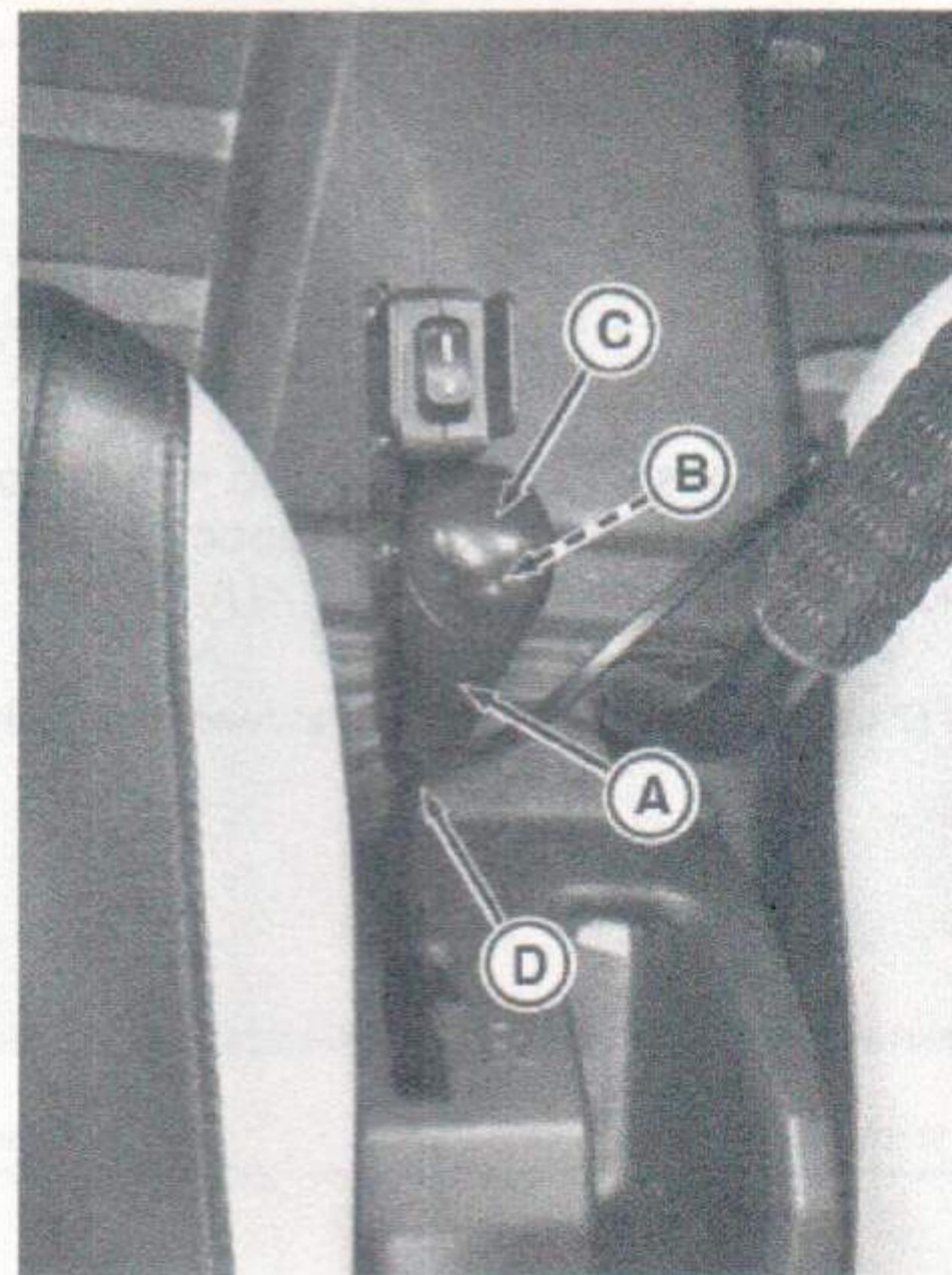
FENAFNX,00001CC -19-20AUG20-7/7

### Install Winch Controller Switch (For RSX Models)

1. Install new shift lever knob (A), and secure with nut (B).
2. Install cap (C) onto the shift lever knob (A).
3. Fasten the switch harness with shift lever using tie strap at location (D).
4. Route end of switch harness to the glove box, and connect to a winch connector.
5. Bundle excess harness length in the glove box using tie strap.

A— Shift Lever Knob  
B— Nut

C— Cap  
D— Location



APY35086 —JUN—07MAY20

BVVMSIT,00002EA -19-09JUL20-1/1



### Install Blading Fairlead

1. For XUV550 and XUV550 S4 only:
  - Remove four screws (A) and front panel (B) from vehicle.

A— Screw (4 used)

B— Front Panel



XUV550 Model Shown

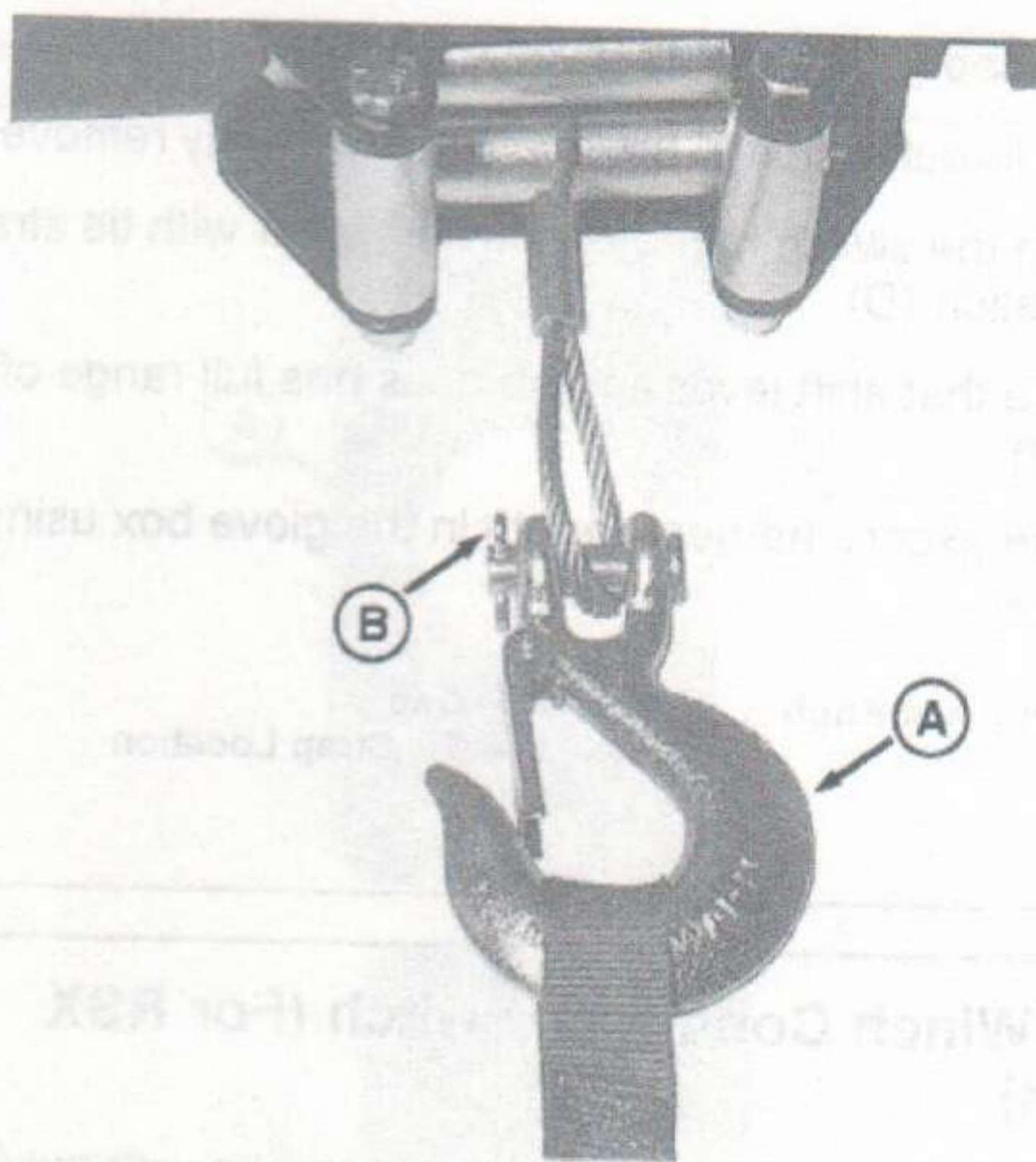
MXT008676 —UN—10OCT13

FENAFNX,0000137 -19-09JUL20-1/10

2. Remove hook (A) from the cable loop by removing cotter pin (B) and drilled pin.

A— Hook

B— Cotter Pin



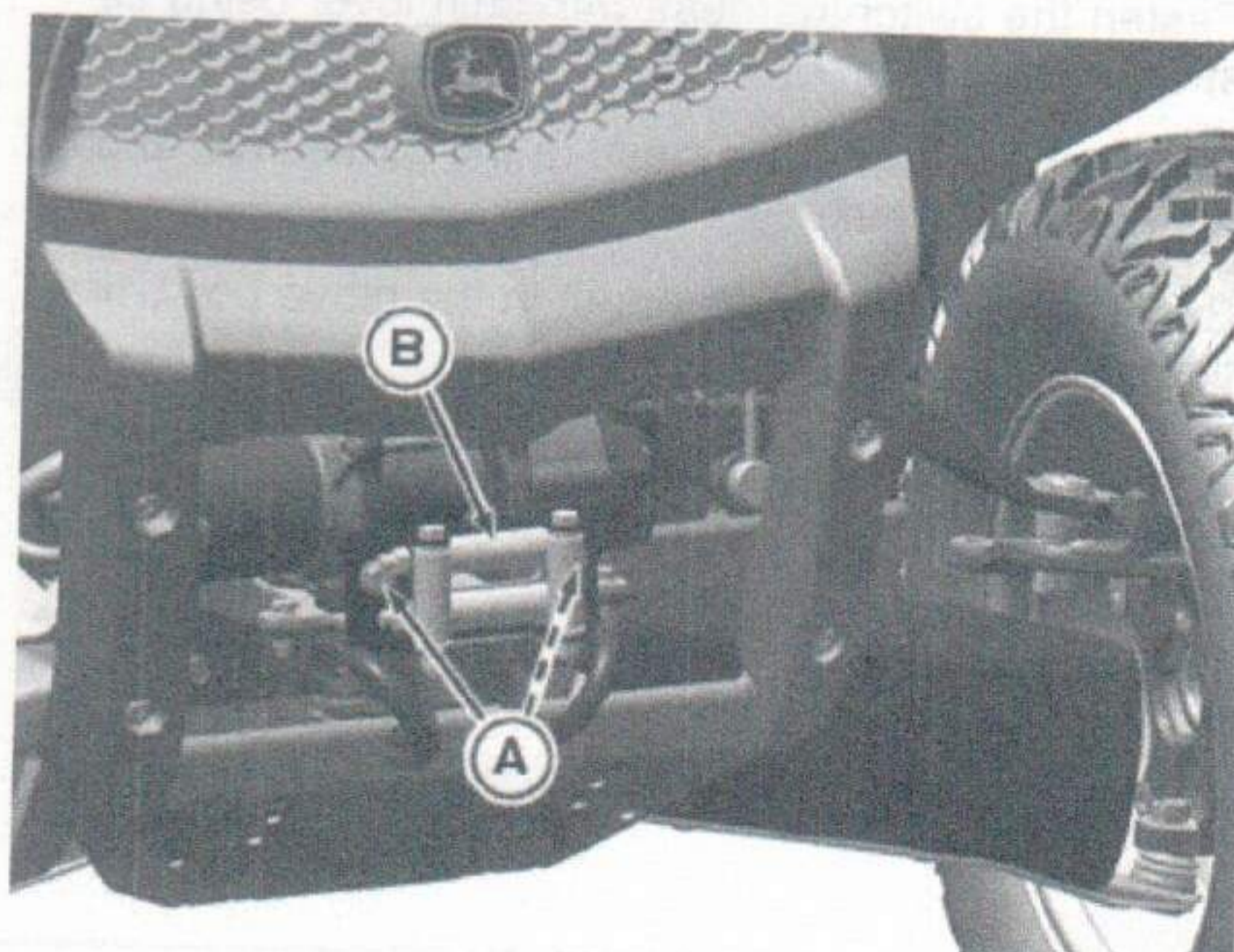
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FENAFNX,0000137 -19-09JUL20-2/10

3. Remove two bolts (A) and nuts, and remove original fairlead assembly (B) from the support plate. (Applicable for all models except XUV550.)

A— Bolt (2 used)

B— Fairlead Assembly



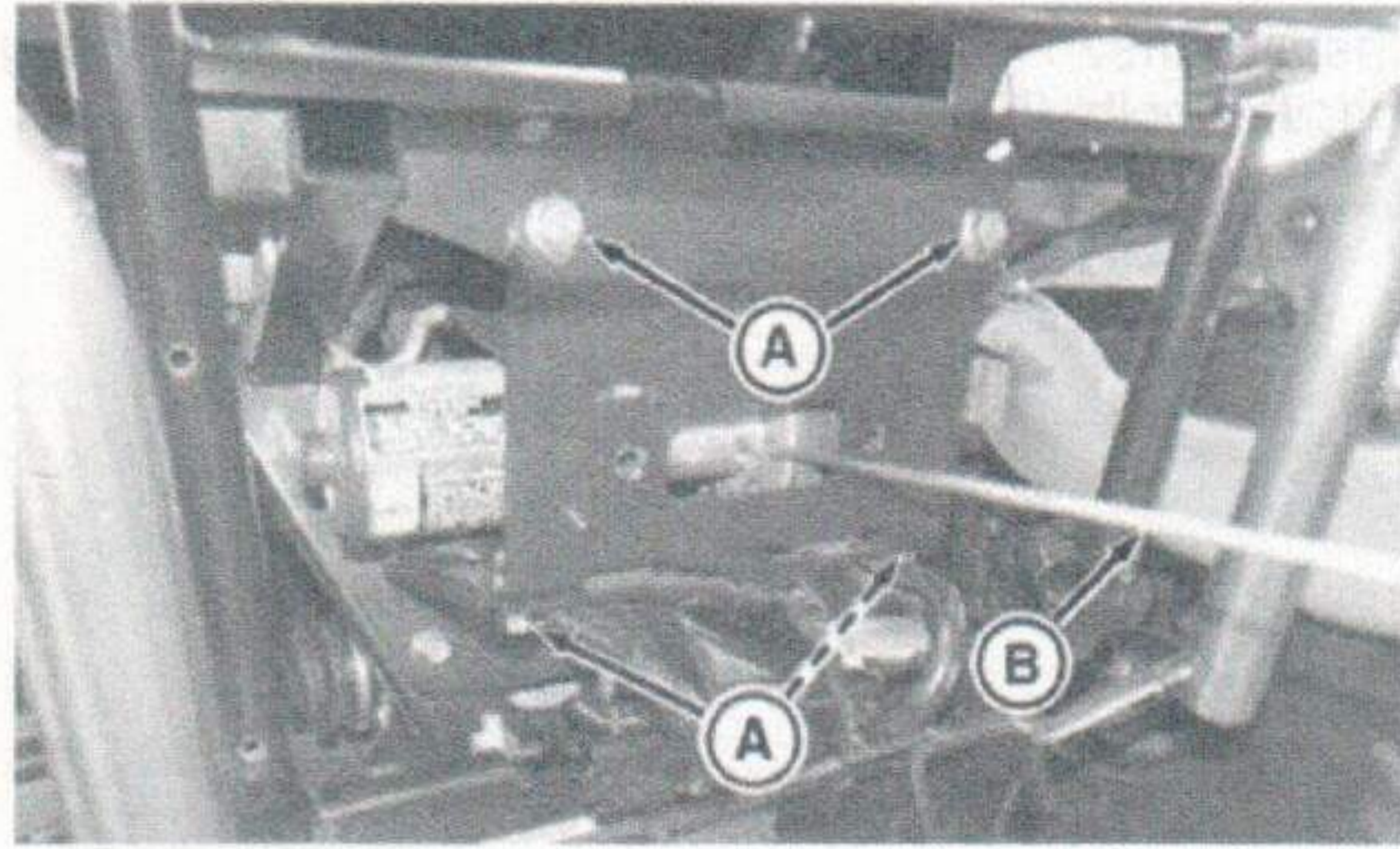
APY15520 —UN—22MAY19

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FENAFNX,0000137 -19-09JUL20-3/10

4. For XUV550 and XUV550 S4 only:
  - Remove four hex bolts (A) and nuts and remove support panel.
5. Place the winch in the free spool position and unwind cable (B) from spool.

A— Bolt (4 used)                      B— Cable

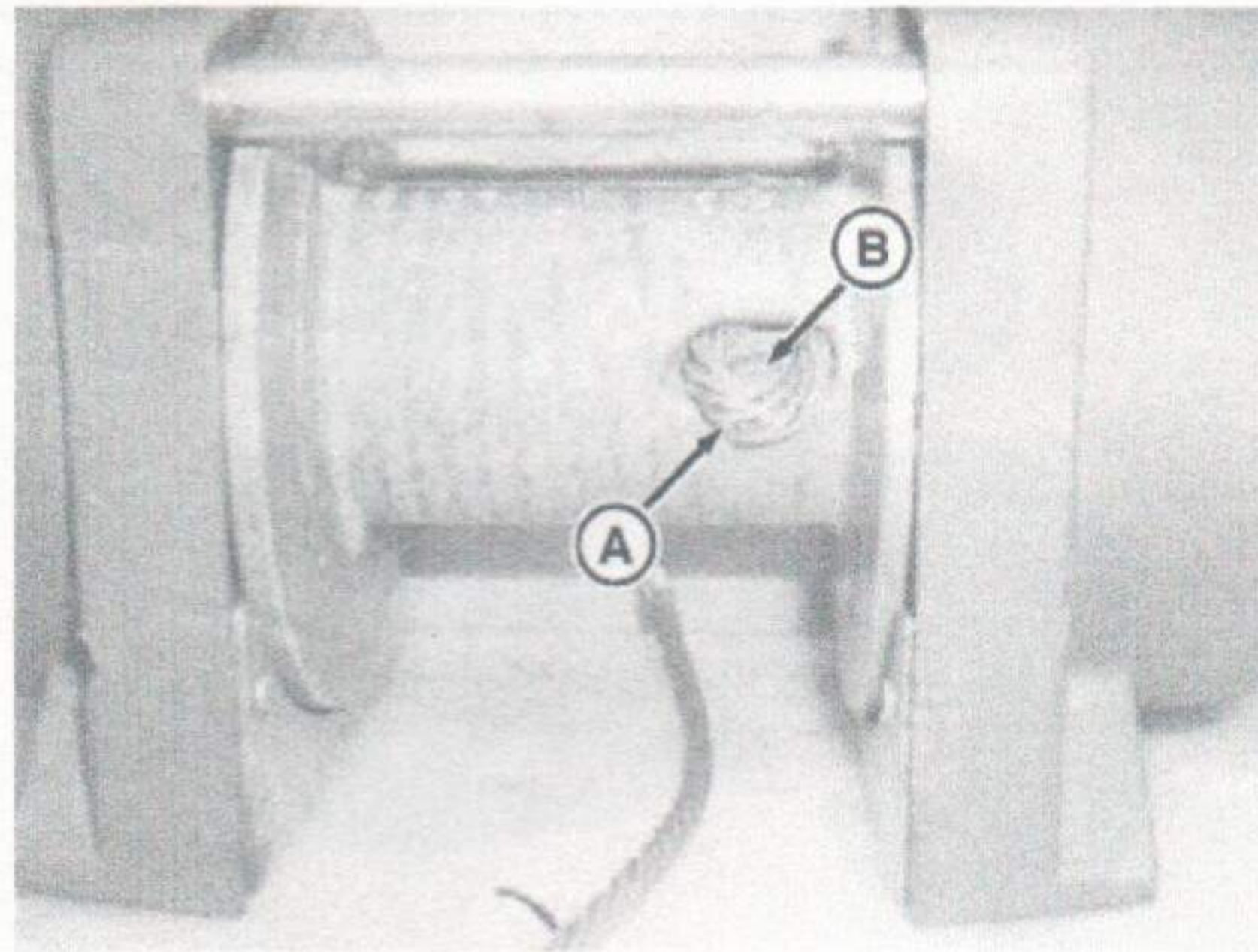


APY34345 —UN—28APR20

FENAFNX,0000137 -19-09JUL20-4/10

6. To remove cable, push cable loop (A) back through spool opening. Remove button (B) and pull out cable.

A— Cable Loop                              B— Button



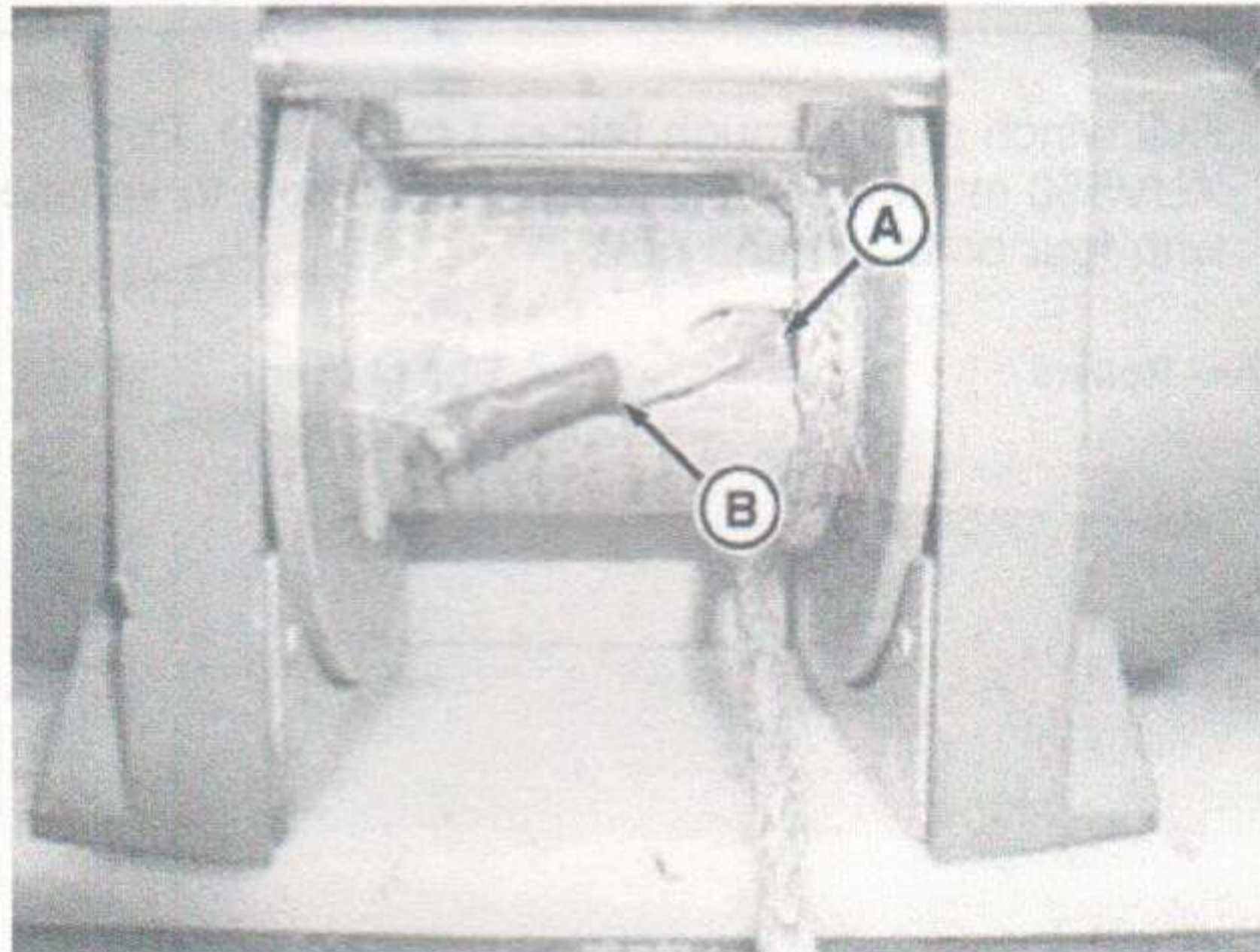
MXT013293 —UN—19DEC14

FENAFNX,0000137 -19-09JUL20-5/10

7. Using a thin blade screwdriver, feed the rope through the smaller winch drum opening (A). Terminate the rope by leaving a 3 inch tail (B) sticking out of the drum. Rotate the drum so the rope wraps around the tail.

*NOTE: Verify that the rope pulls from the bottom of the drum. A minimum of eight wraps is required on the drum for all winching.*

A— Drum Opening                              B— Tail



MXT013294 —UN—19DEC14

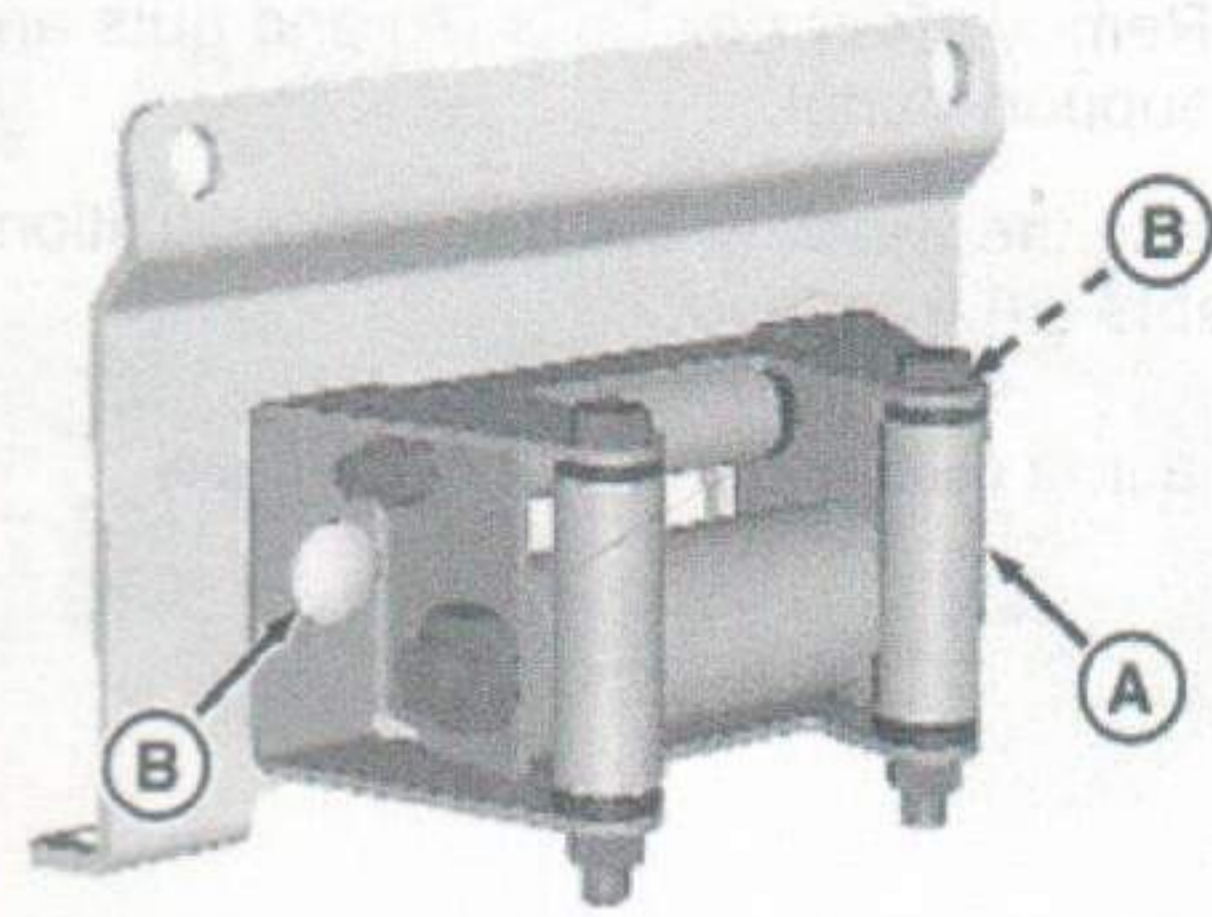
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FENAFNX,0000137 -19-09JUL20-6/10

8. Install fairlead (A) from kit onto the support panel using original bolts (B) and nuts.

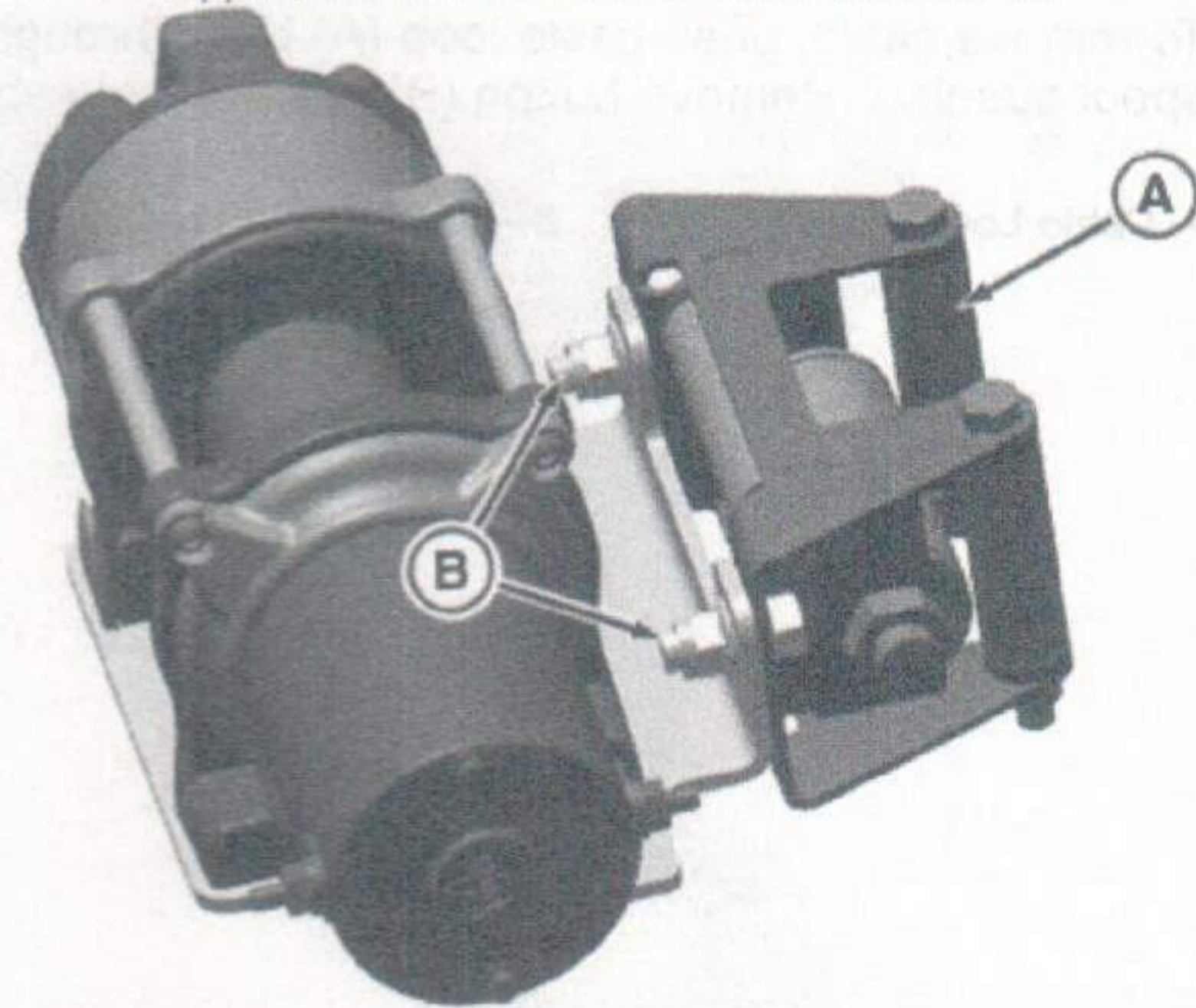
A— Fairlead

B— Bolt (2 used)



MXT013295 —UN—19DEC14

Applicable Models - XUV550 and XUV550 S4



APY15521 —UN—22MAY19

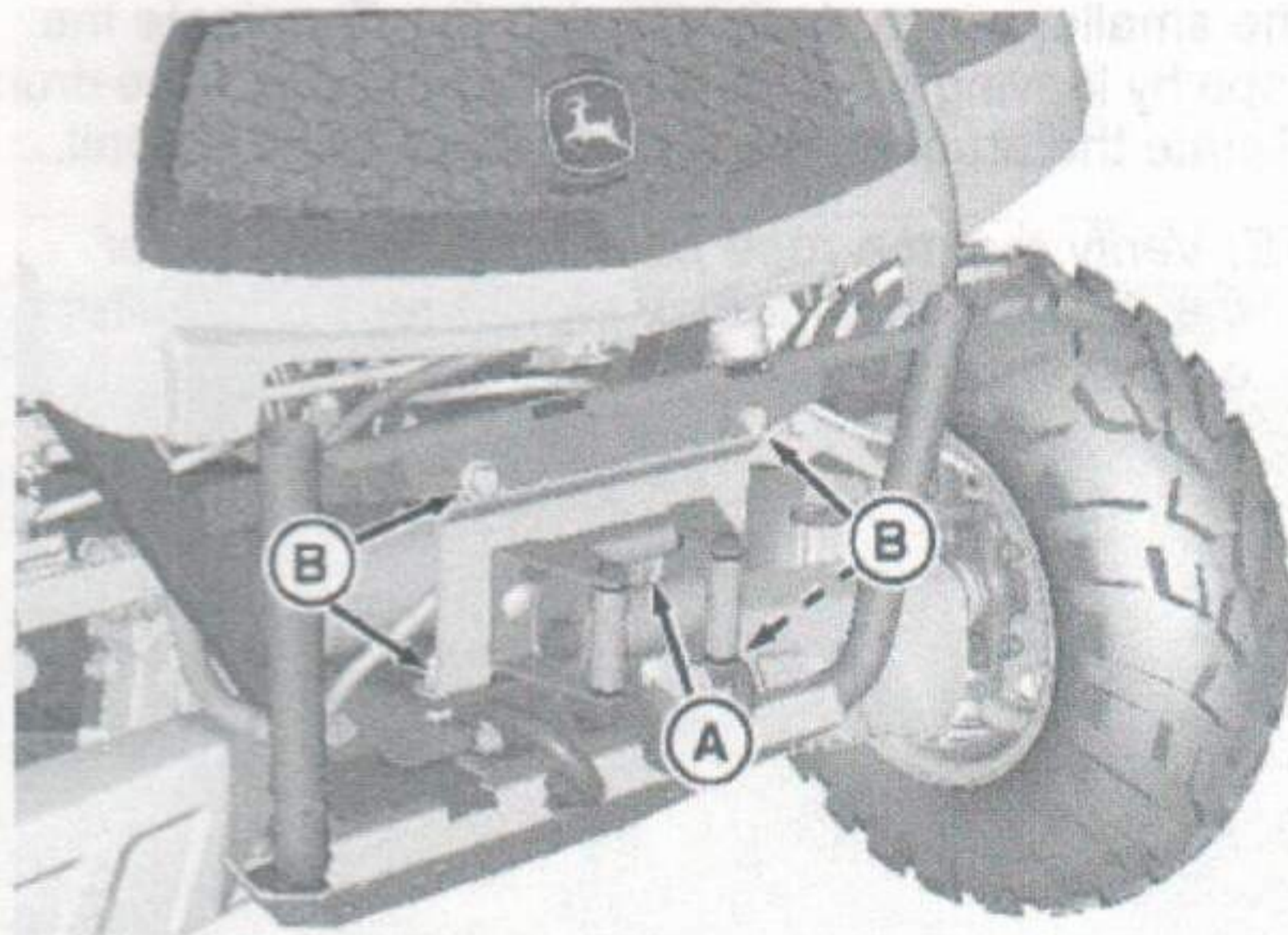
Applicable Models - All except XUV550 and XUV550 S4

FENAFNX,0000137 -19-09JUL20-7/10

9. Pull winch rope through fairlead rollers (A). For XUV550 models: Install fairlead assembly to vehicle with four bolts (B) and nuts.

A— Rollers

B— Bolt (4 used)



MXT013296 —UN—19DEC14

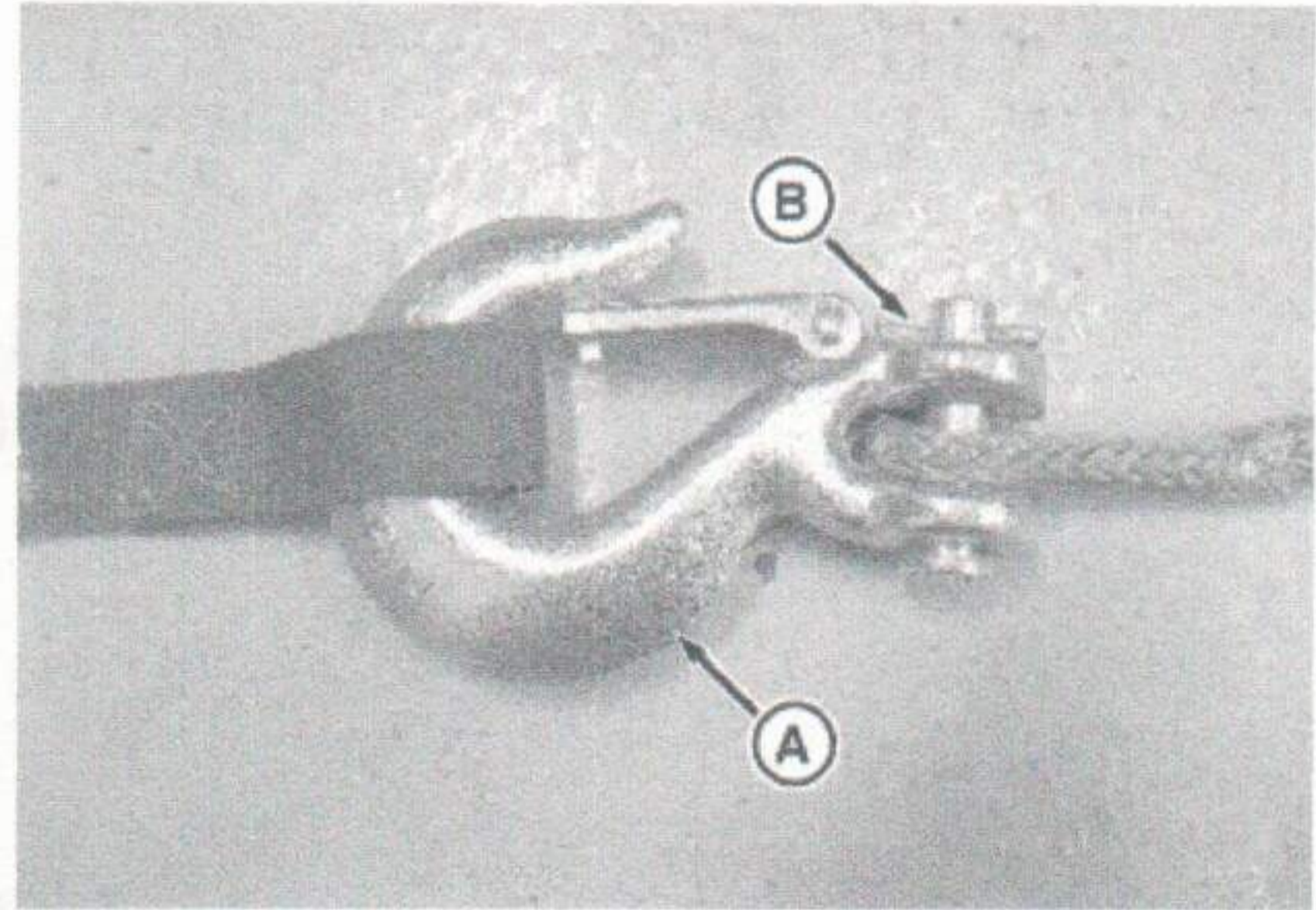
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FENAFNX,0000137 -19-09JUL20-8/10

10. Attach hook (A) to rope loop with drilled pin and cotter pin (B). Bend ends of the cotter pin to secure.

A— Hook

B— Cotter Pin



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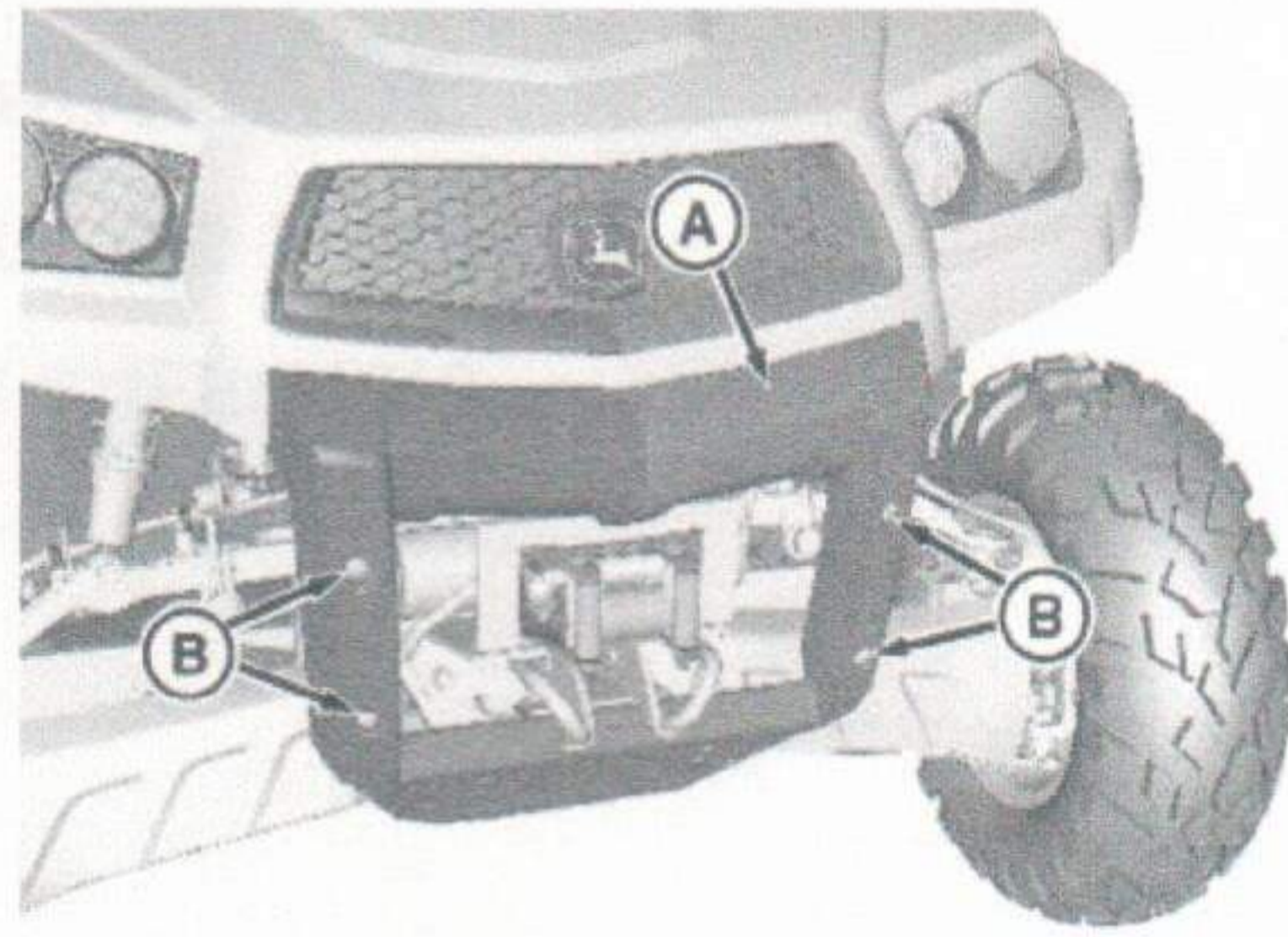
FENAFNX,0000137 -19-09JUL20-9/10

11. For XUV550 and XUV550 S4 only:

- Install front panel (A) with four screws (B).

A— Front Panel

B— Screw (4 used)



MXT013298 —JUN—19DEC14

FENAFNX,0000137 -19-09JUL20-10/10