

iBot® by APS

PART#: PB-UAC02B

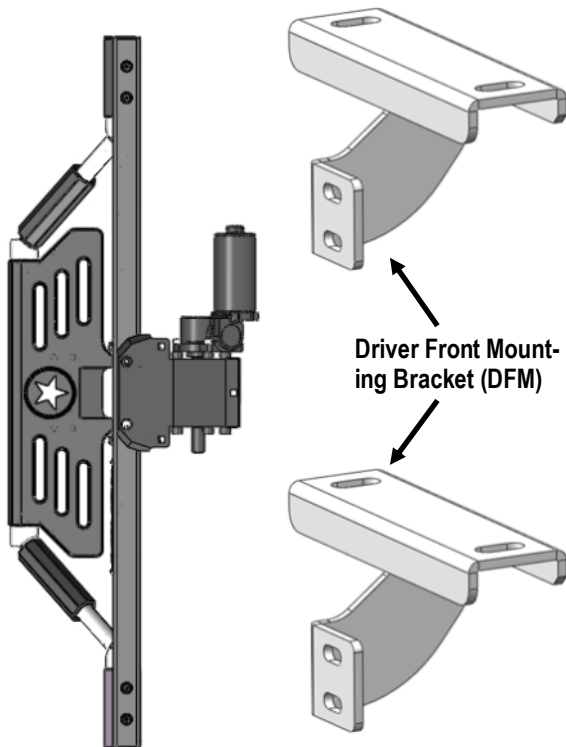
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. ASSISTANCE IS RECOMMENDED.

*BODY/FRAME MOUNT
*DRILLING IS REQUIRED

Fastener Size	Tightening Torque (ft-lbs)	Required
6mm	6-7	X
8mm	16-18	√
10mm	31-32	√
12mm	56-58	X
14mm	92-94	X

PART LIST

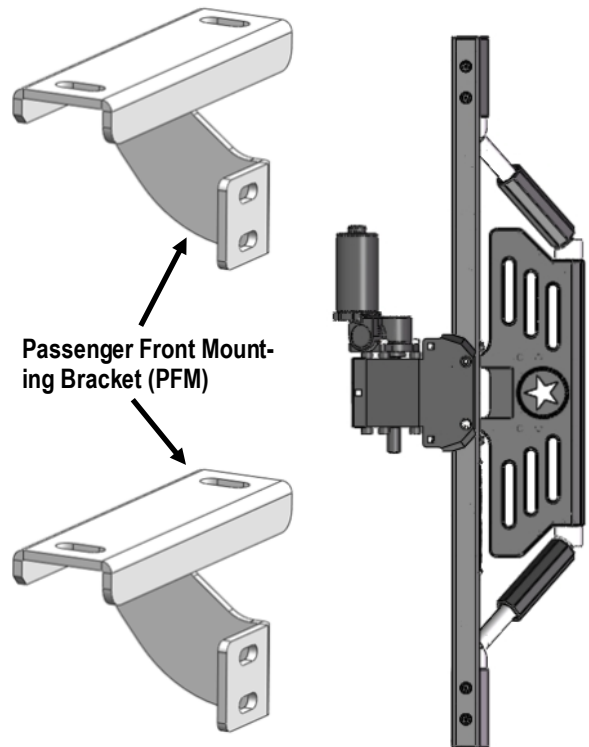
Driver Side Step Bar



Front




Passenger Side Step Bar




Hardware Package A (For Brackets Installation)


Item	QTY	Description	Item	QTY	Description
1#	8	M10X1.5-35mm Hex Bolts	3#	8	M10 Nylon Lock Nuts
2#	16	M10 Flat Washers			



1#



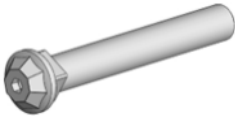
2#




3#

Hardware Package B (For Step Bars Installation)


Item	QTY	Description	Item	QTY	Description
1#	8	M8X60 Decorative Bolts	3#	8	M8 Nylon Flange Lock Nuts
2#	8	M8 Large Flat Washers			



1 #




3 #




4 #

Electrical Accessories


Item	QTY	Description	Item	QTY	Description
1#	1	Main Harness	3#	2	Switch harness
2#	1	ECU (Electronic Control Unit)	4#	15	Zip Ties




1 #



2 #



3#

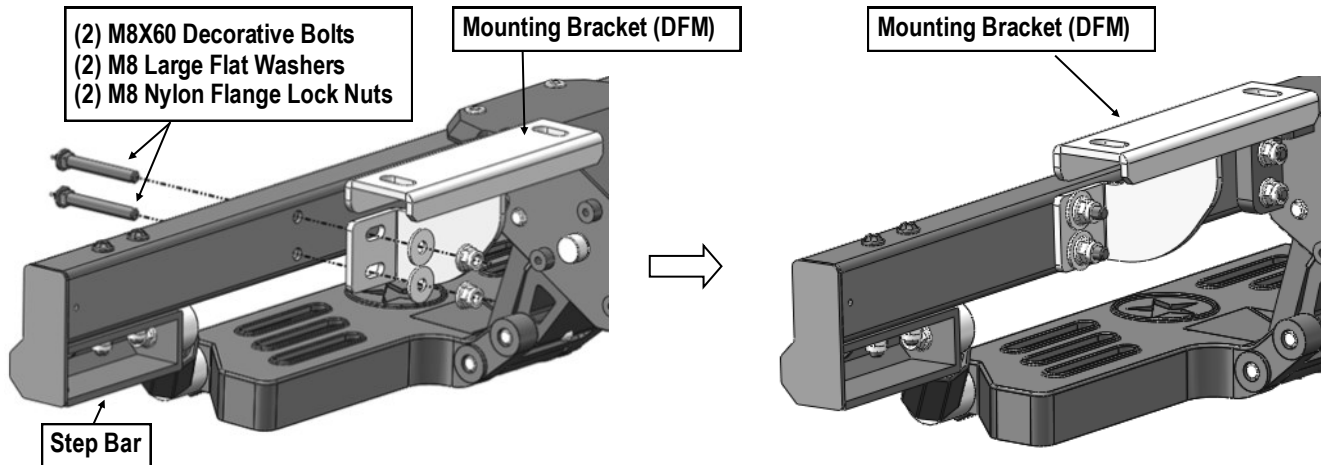


4#

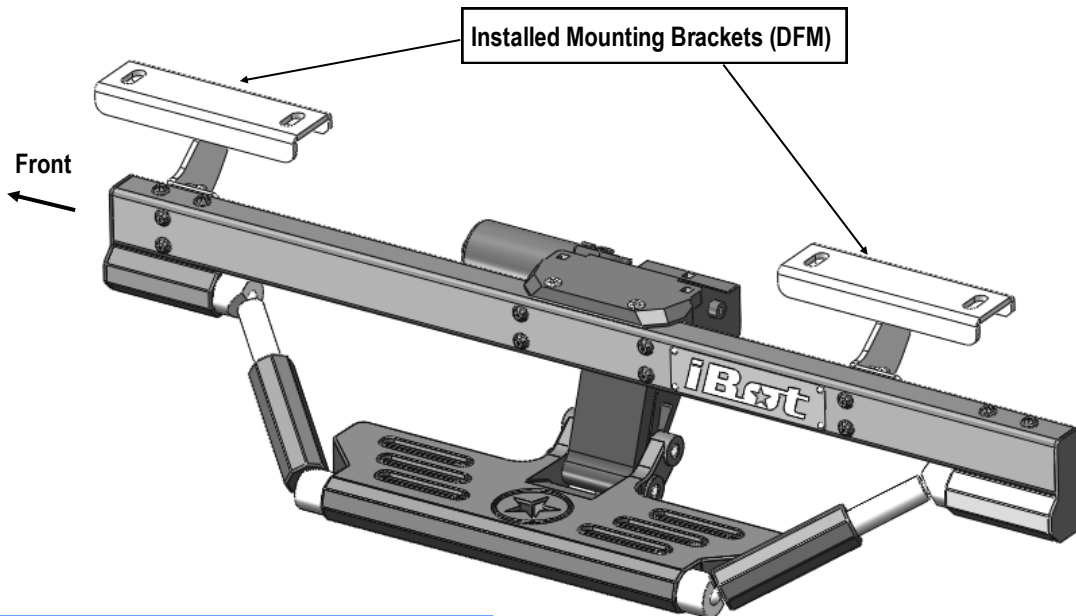
STEP 1

Start the installation on the driver side of the vehicle.

Attach the (2) driver-side mounting brackets to the driver-side step bar using (4) M8x60 decorative bolts, (4) M8 large flat washers, and (4) M8 nylon flange lock nuts (**Figs1-2**).



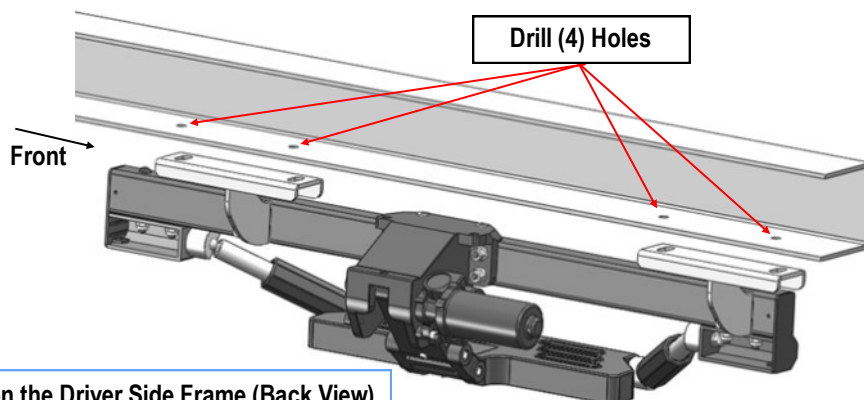
(Fig 1) Back View



(Fig 2) Driver Side Mounting Brackets and Step Bar Assembly

STEP 2

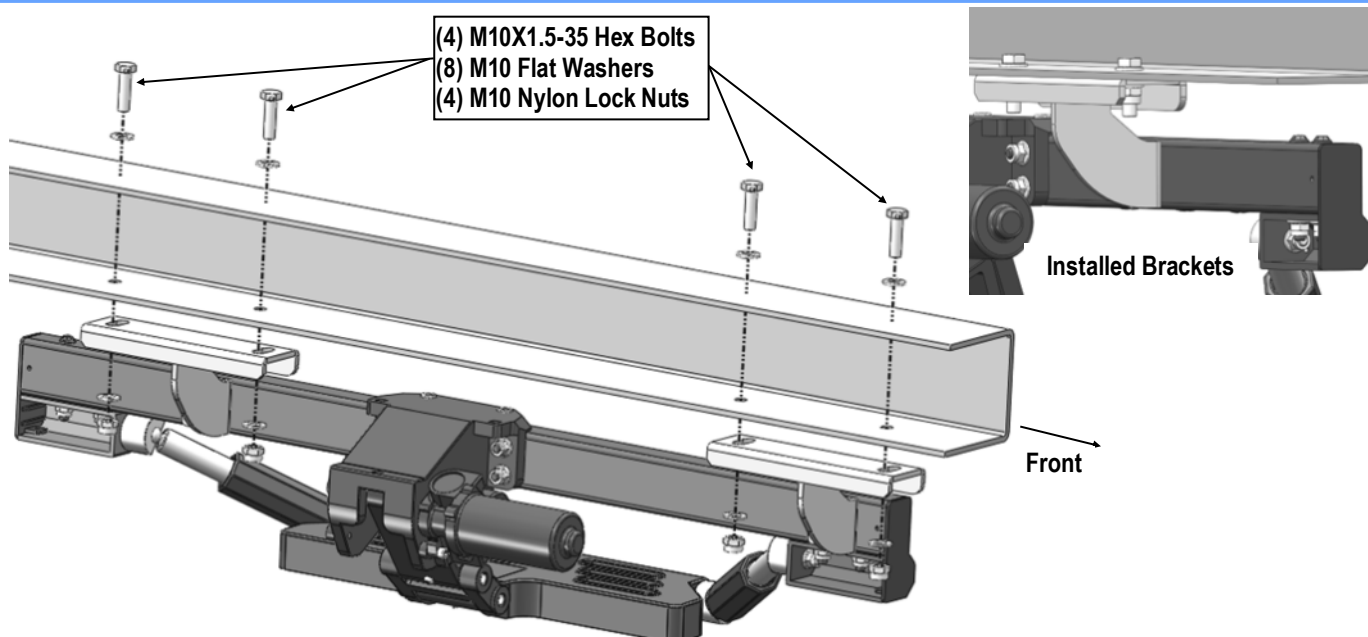
Lift and position the driver-side step assembly (with the mounting brackets installed) onto the driver side of the vehicle. Align the step with the vehicle doors. Using the mounting brackets as a template, mark and drill four Ø11 mm holes into the frame beneath the driver-side doors. **(Fig 3)**



(Fig 3) Mark and Drill Mounting Holes on the Driver Side Frame (Back View)

STEP 3

Secure the assembled driver-side mounting brackets to the drilled holes using (4) M10x1.5-35 mm Hex Bolts, (8) M10 Flat Washers, and (4) M10 Nylon Lock Nuts. **(Fig 4)**



(Fig 4) Secure the Mounting Brackets to the Drilled Holes (Back View)

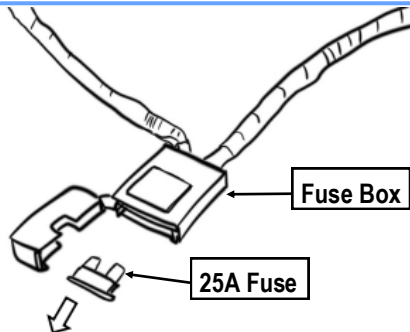
STEP 4

Repeat Steps 1-3 to install the Passenger Side Step Bar.

STEP 5

Opening the front hood of the vehicle. Locate the Battery and its terminals (positive/negative). Remove the 25A fuse from the fuse box that comes with the main harness. **(Fig 5).**

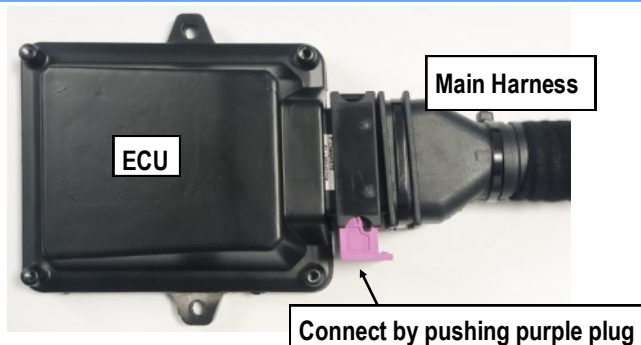
***WARNING:** Keeping the fuse connected to the fuse box may result in electrical sparks and risk of shorting when working with the battery.



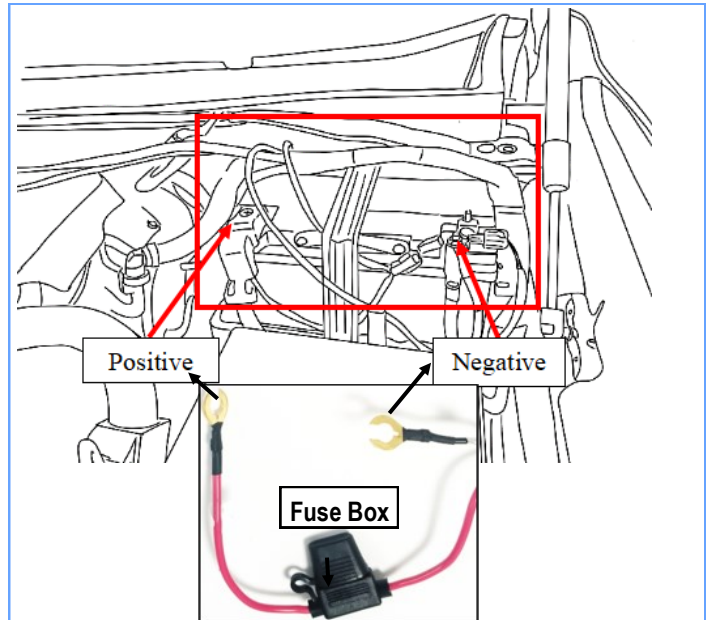
(Fig 5) Remove The 25A Fuse

STEP 6

Connect the positive power lead on main harness to the positive battery terminal. Connect the negative lead to the negative battery terminal **(Fig 6)**. Ensure both power leads are fully secured. **Connect the ECU to the main harness (Fig 7).**



(Fig 7) Connect the ECU to the Main harness



(Fig 6) Connect the Main Harness to the Battery Terminals

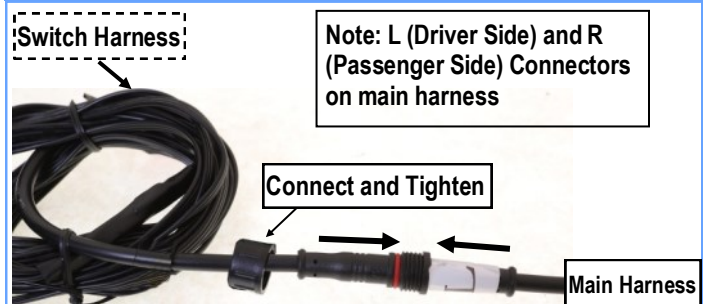
STEP 7

Connect (2) switch harnesses to the main harness **(Fig 8)**. Route the main harness around the battery, then attach and secure it with the supplied zip ties.

NOTE:

* The ECU should be secured near the battery or in a location away from direct engine heat.

* Ensure the harness does not come into contact with any moving or hot engine components, as well as the suspension or steering column.



(Fig 8) Connect the Switch Harness to the Main Harness

STEP 8

Install the step deploy/retract control switches on the vehicle's door pillars (**Fig 9**). Alternatively, the switches can be installed on another location that is convenient for operation from both inside and outside the vehicle.

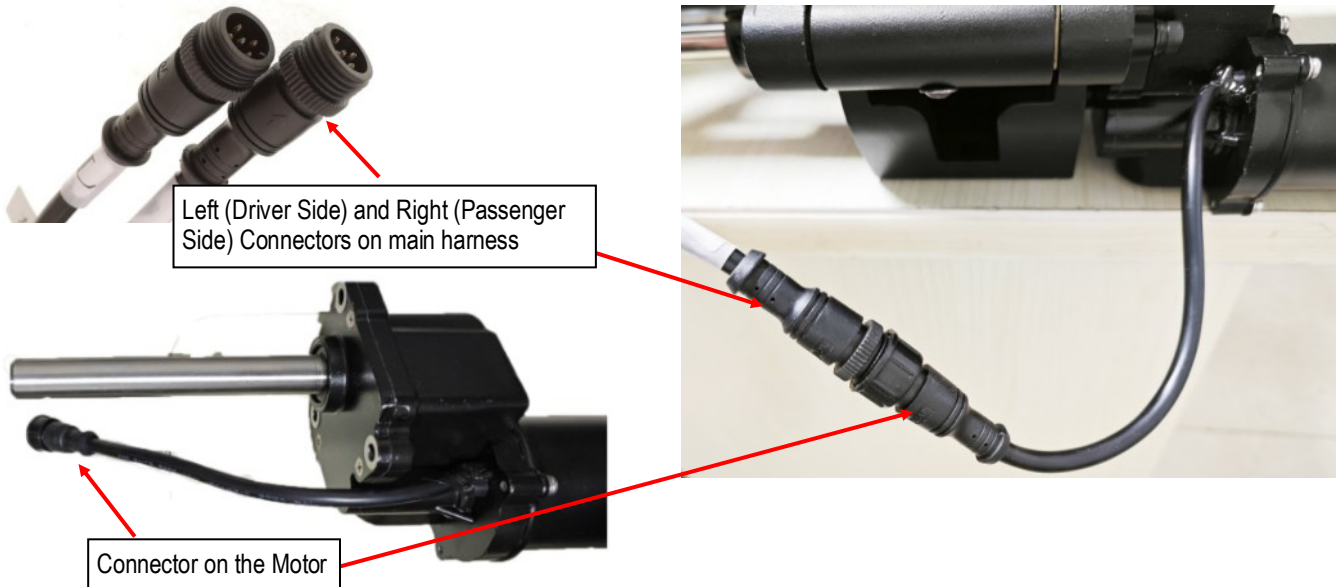
Step Control Switch
Installation Location



(Fig 9) Install Step Control Switches

STEP 9

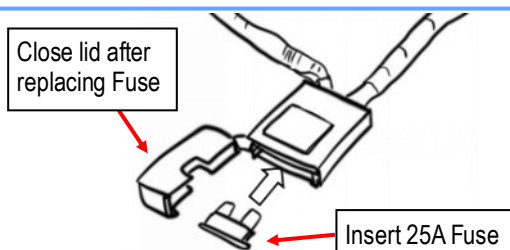
Connect the motor harnesses from the driver and passenger power step boards to the main harness (**Fig10**).



(Fig 10) Connect the Motor Harnesses to the Main Harness

STEP 10

Re-place Fuse into Fuse Box.



STEP 11

Perform a function check by opening and closing the switches several times to ensure the pedals deploy and retract normally. After cycling the step, tighten all hardware on the board and brackets.

Installation is complete.

Attention

- Do periodic inspections to the installation to make sure that all hardware is secure and tight.
- In order to protect your bars/boards, please use mild soap/non-abrasive products for cleaning only.
- During severe winter conditions, the electric running board may become frozen and unable to function properly. In such situations, or under other unfavorable conditions that may affect its normal operation, it is recommended to remove the fuse to disconnect the power supply, temporarily disabling the electric running board to prevent potential damage.