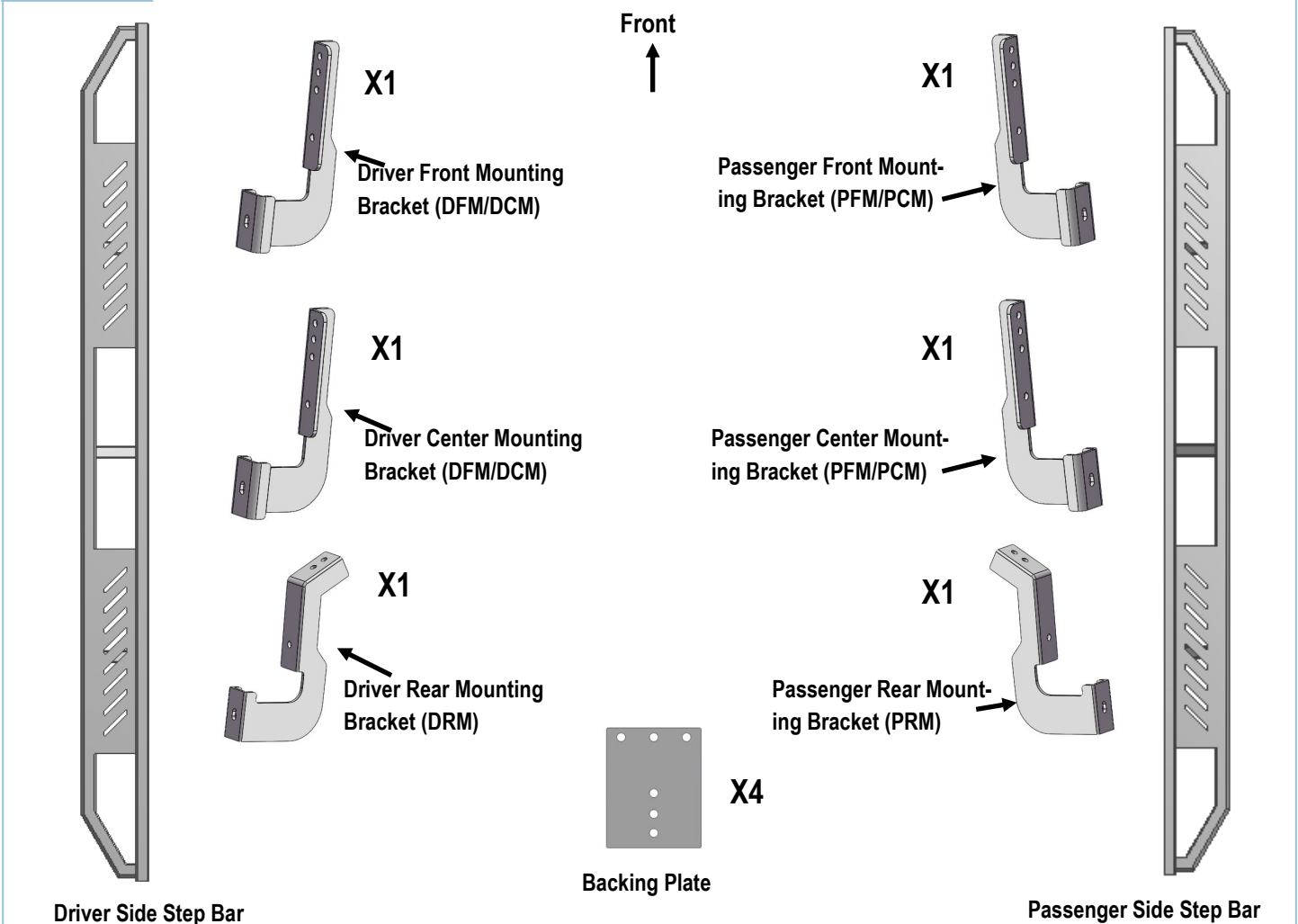# iArmor®

iArmor® by APS

PART#: IA-S039

BEFORE INSTALLATION

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMEND-ED. THANK YOU FOR CHOOSING OUR PRODUCT!

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

PART LIST

Front

X1 Driver Front Mounting Bracket (DFM/DCM)

X1 Passenger Front Mounting Bracket (PFM/PCM)

X1 Driver Center Mounting Bracket (DFM/DCM)

X1 Passenger Center Mounting Bracket (PFM/PCM)

X1 Driver Rear Mounting Bracket (DRM)

X1 Passenger Rear Mounting Bracket (PRM)

X4 Backing Plate

Driver Side Step Bar

Passenger Side Step Bar

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X6 — M8X1.25-20mm Hex Bolt

X6 — M8 Large Flat Washer

X18 — M8 Lock Washer

X12 — M8X1.25 Hex Nut

X12 — Spacer

X12 — U Bracket

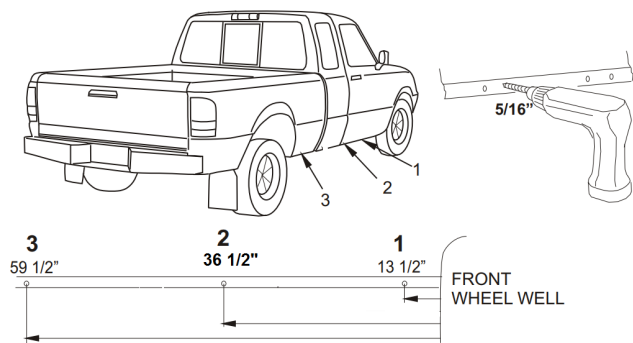**X12** — ST6.3x22mm Hex Self Tapping Screw

X6 — M8X1.25-55mm Carriage Bolt

The instruction here is for your reference only. We strongly recommend the professional installer for best result. We are not responsible for any damage caused by the installation.
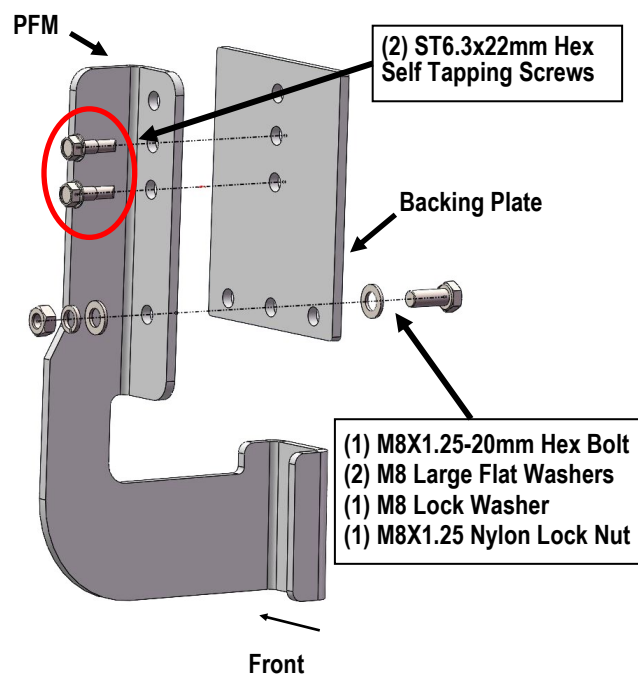
STEP 1

Start installing from passenger side, Drill 5/16" holes on pinch weld and body panel as shown (Both sides), **(Fig 1).**

5/16"

3	**2**	**1**
59 1/2"	36 1/2"	13 1/2"

FRONT WHEEL WELL

(Fig 1) Passenger Side Mounting Locations

STEP 2

Attach Passenger Front Mounting Bracket and Backing Plate to body panel and pinch weld with (2) ST6.3x22mm Hex Self Tapping Screws, (1) M8X1.25-20mm Hex Bolt, (2) M8 Large Flat Washers, (1) M8 Lock Washer and (1) M8X1.25 Hex Nuts **(Fig 2).**

PFM

(2) ST6.3x22mm Hex Self Tapping Screws

Backing Plate

(1) M8X1.25-20mm Hex Bolt
(2) M8 Large Flat Washers
(1) M8 Lock Washer
(1) M8X1.25 Nylon Lock Nut

Front

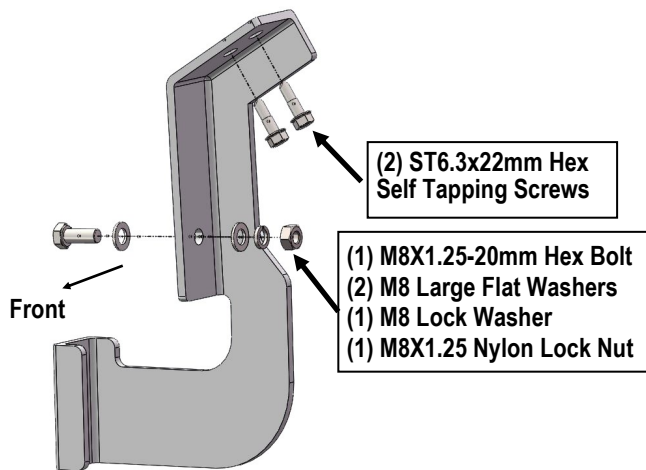**(Fig 2) Passenger Front Mounting Bracket Installed**

STEP 3

Repeat **Step 2** to install Passenger Center Mounting Bracket.

Note: Passenger Front Mounting Bracket and Passenger Center Mounting Bracket are universal.

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STEP 4

Attach Passenger Rear Mounting Bracket to vehicle with (2) ST6.3x22mm Hex Self Tapping Screws, (1) M8X1.25-20mm Hex Bolt, (2) M8 Large Flat Washers, (1) M8 Lock Washer and (1) M8X1.25 Nylon Lock Nut **(Fig 3).** Don't fully tighten hardware at this time.

(2) ST6.3x22mm Hex Self Tapping Screws

Front

(1) M8X1.25-20mm Hex Bolt
(2) M8 Large Flat Washers
(1) M8 Lock Washer
(1) M8X1.25 Nylon Lock Nut

(Fig 3) Passenger Rear Mounting Bracket Installed

STEP 5

Once all (3) passenger side mounting brackets are installed, select and attach the Passenger Side Step Bar onto the Mounting Brackets with (3) U Brackets, (6) Spacers, (3) M8X1.25-55mm Carriage Bolts, (3) M8 Large Flat Washers, (3) M8 Lock Washers and (3) M8X1.25 Hex Nuts, **(Fig 4).** Do not fully tighten hardware at this time.
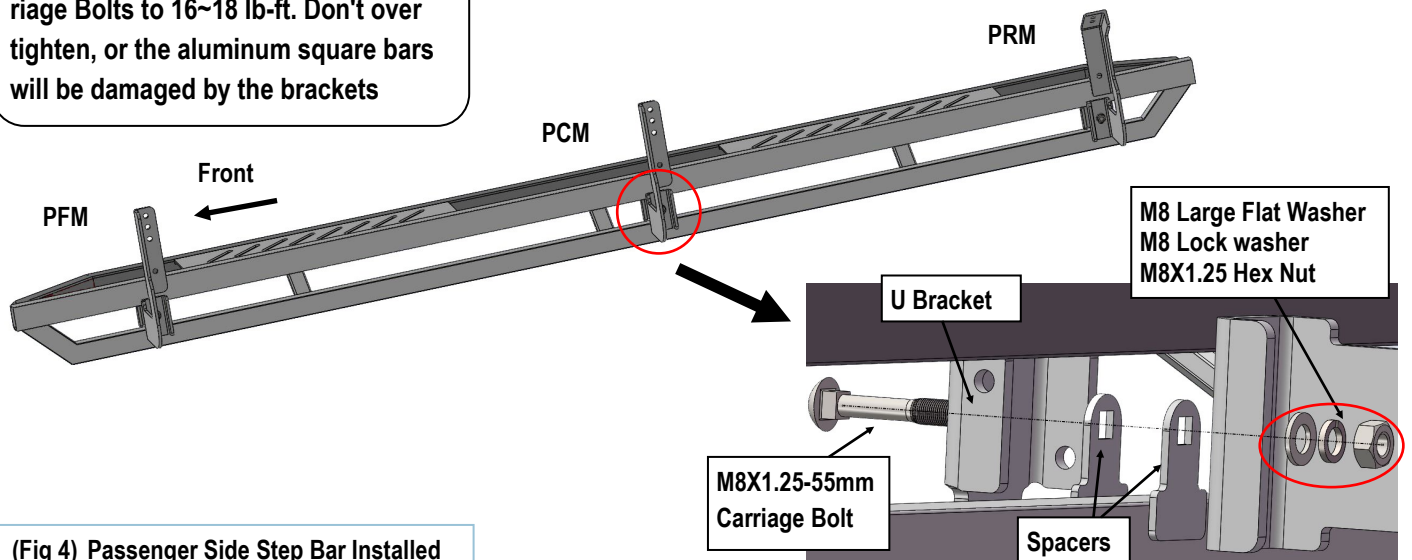
STEP 6

Properly level and adjust the Step Bar and fully tighten all hardware.

STEP 7

Move to the driver side of the vehicle. Repeat **Steps 1-—6** to install driver side step bar. Installation completed (**Fig 5**).

NOTE: Torque all M8 X1.25-55mm Carriage Bolts to 16~18 lb-ft. Don't over tighten, or the aluminum square bars will be damaged by the brackets

PRM

PCM

Front

PFM

M8 Large Flat Washer
M8 Lock washer
M8X1.25 Hex Nut

U Bracket

M8X1.25-55mm Carriage Bolt

Spacers

(Fig 4) Passenger Side Step Bar Installed

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(Fig 5) Installation Completed

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 only mild soap/non-abrasive products for cleaning.