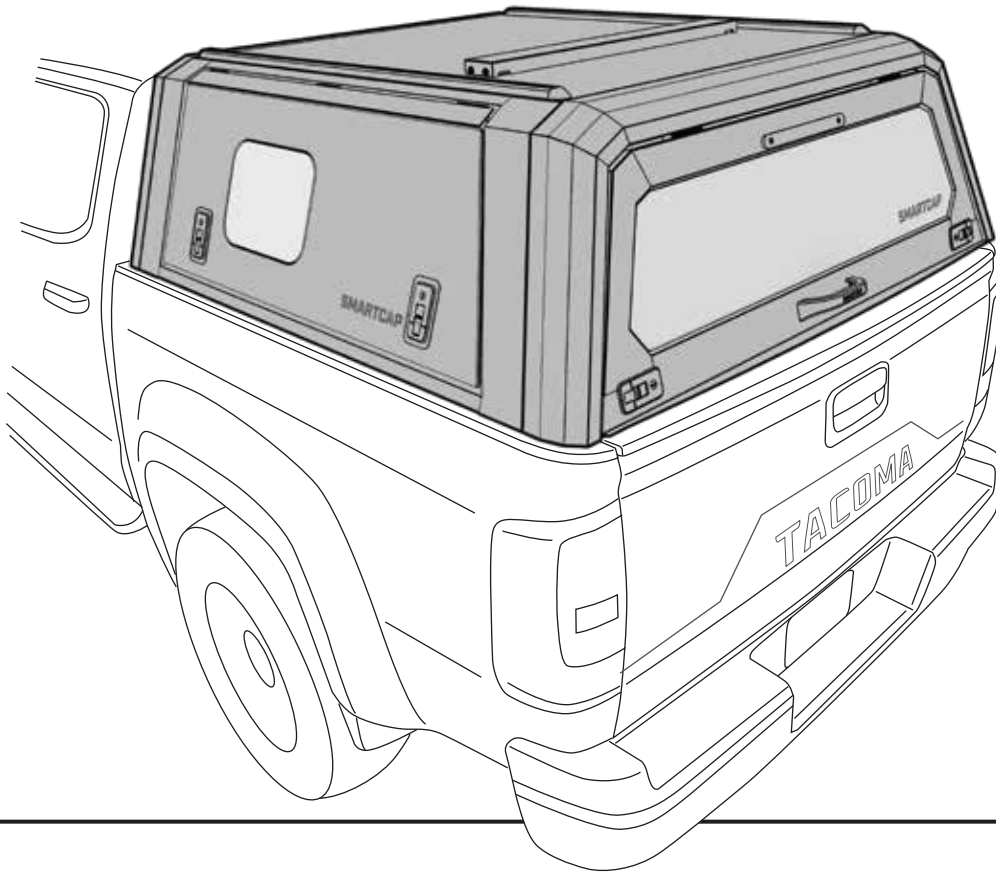


SMARTCAP®

INSTRUCTION GUIDE

TOYOTA TACOMA EDITION

2016-2023 (3rd Generation)



- ▼ **PREPARE A CLEAN WORK AREA.**
- ▼ **WE RECOMMEND A MINIMUM OF 2 PEOPLE FOR ASSEMBLY.**
- ▼ **ENSURE THE REQUIRED TOOLS ARE PRESENT AND ALL HARDWARE CONTENTS ARE ACCOUNTED FOR.**
- ▼ **NEVER USE ACETONE OR THINNERS ON PAINTED PARTS.**
- ▼ **READ THROUGH THE ENTIRE INSTRUCTION GUIDE BEFORE STARTING THIS PROCEDURE AND FOLLOW THE STEPS CAREFULLY TO AVOID ANY DAMAGE TO THE COMPONENTS OR THE VEHICLE.**

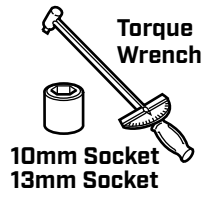
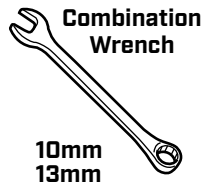
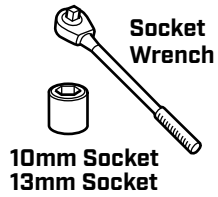
SUPPORT.NA@SMARTCAP.COM - NORTH AMERICA
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I-SHEET-NA-TA3

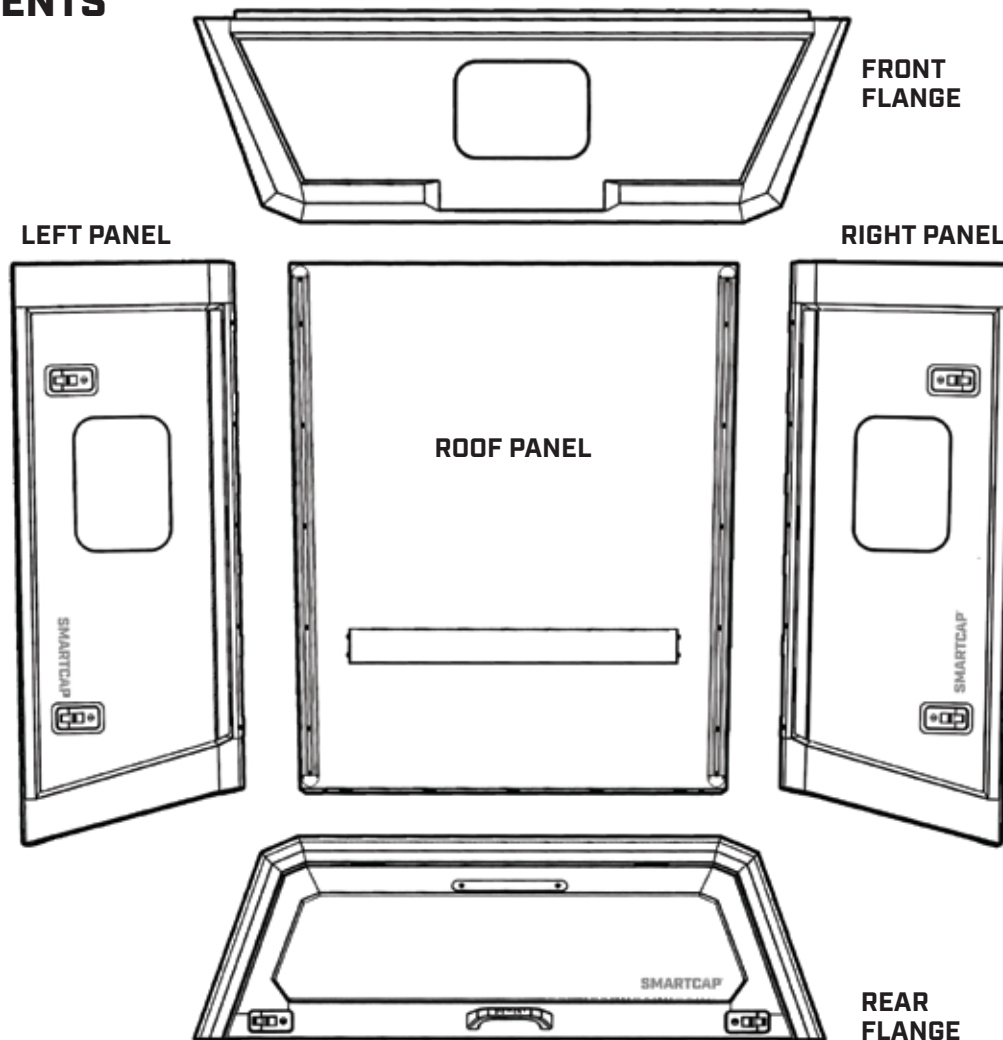
TOOLS REQUIRED



IMPORTANT

- ▶ USE ONLY THE TOOLS RECOMMENDED ABOVE.
- ▶ USE ONLY THE HARDWARE PROVIDED IN THIS KIT.
- ▶ ASSISTANCE WILL BE NEEDED FOR THIS INSTALLATION.
FOUR PEOPLE ARE RECOMMENDED TO LIFT THE SMARTCAP ONTO THE VEHICLE.
- ▶ AVOID PINCHING OR CRUSHING HANDS AND FINGERS.
- ▶ INSPECT ALL KIT COMPONENTS FOR DAMAGE BEFORE ASSEMBLY.
- ▶ NEVER USE ACETONE OR THINNERS ON PAINTED PARTS.

COMPONENTS

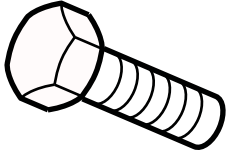


I-SHEET-NA-TA3

ASSEMBLY HARDWARE

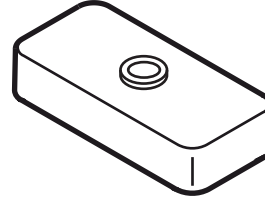
FITMENT KIT

M6 BOLT



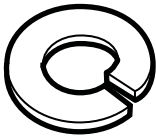
30X

**FASTENER
BLOCK CLAMP**



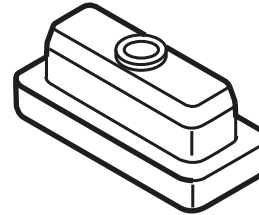
30X

**M6 LOCK
WASHER**



30X

**FASTENER
BLOCK**



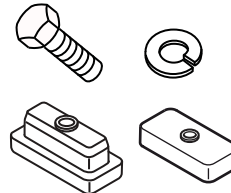
30X

D - RUBBER



1X

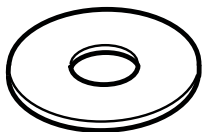
SPARE PARTS



2X

PRE-FASTENED TO ROOF PANEL

**M6
FENDER
WASHER**



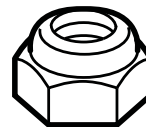
10X

SHORT BED

12X

STANDARD BED

**M6
LOCK
NUT**



10X

SHORT BED

12X

STANDARD BED

STEP 1

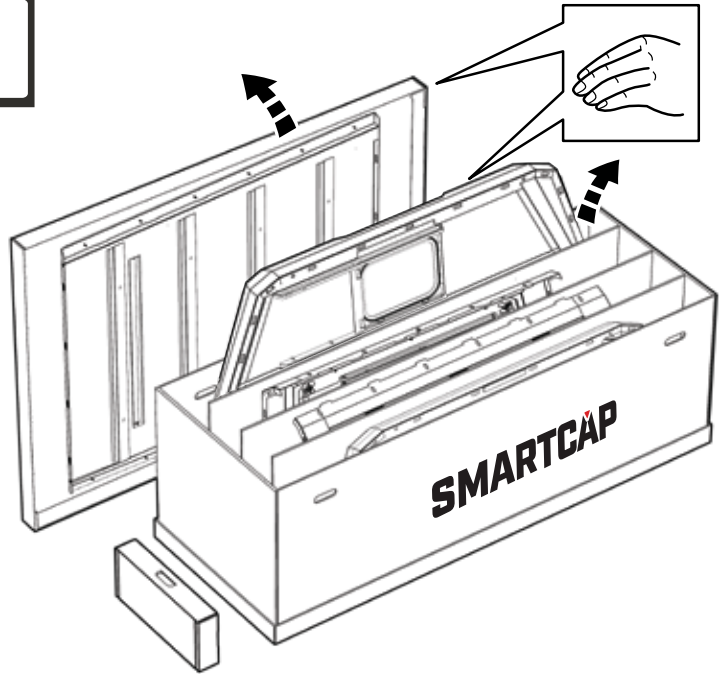


IMPORTANT

2 PERSON JOB



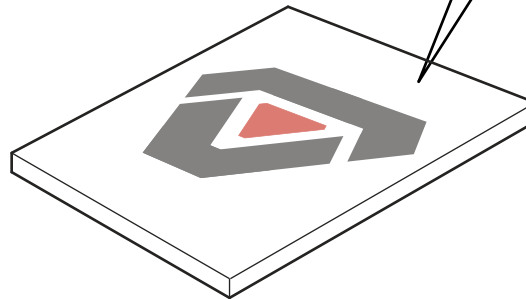
- ▼ BE SURE TO REMOVE ALL FIVE PANELS FROM THEIR PACKAGING AND INSPECT THE PAINTED SURFACES PRIOR TO ASSEMBLY, AS SMARTCAP WILL NOT ACCEPT PAINT DAMAGE WARRANTY CLAIMS AFTER ASSEMBLY IS COMPLETED. IF MANUFACTURING IMPERFECTIONS OR SHIPPING DAMAGES ARE FOUND, DO NOT CONTINUE WITH THE ASSEMBLY PROCESS AND CONTACT SUPPORT.NA@SMARTCAP.COM.



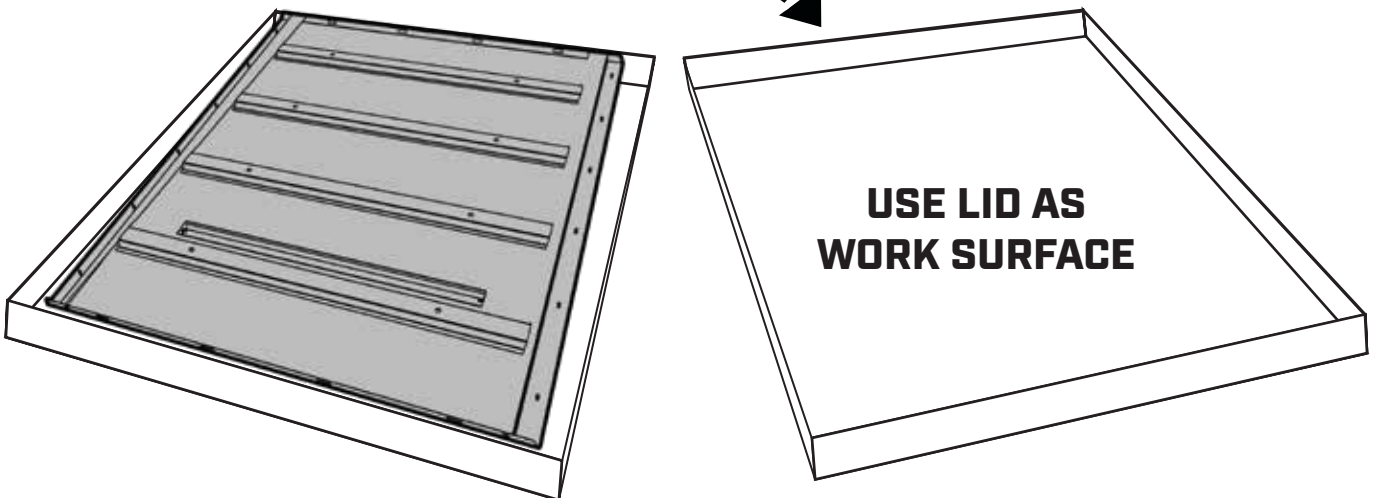
STEP 2

PLACE THE ROOF PANEL WHERE YOU PLAN TO ASSEMBLE THE CAP. REMOVE THE LID FROM THE PACKAGING AND PLACE IT NEXT TO THE ROOF PANEL.

LOGO SIDE UP



USE LID AS WORK SURFACE



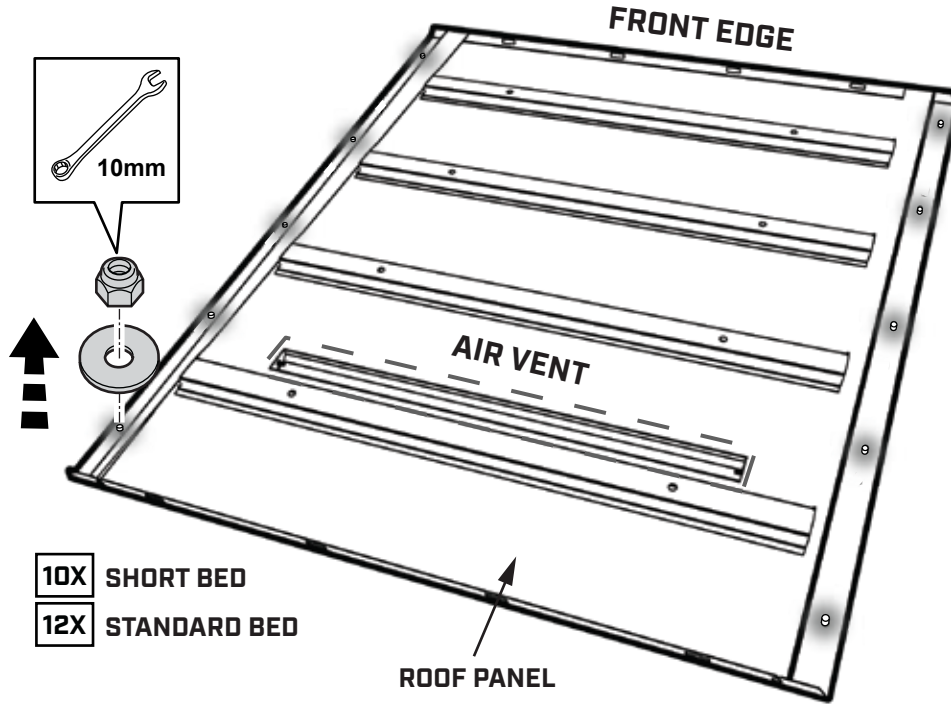
I-SHEET-NA-TA3

STEP 3

USE A 10MM COMBINATION WRENCH TO REMOVE ALL HARDWARE FROM THE ROOF PANEL AND SAVE FOR REUSE.

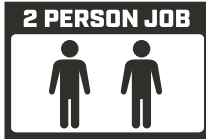


AIR VENT INDICATES REAR

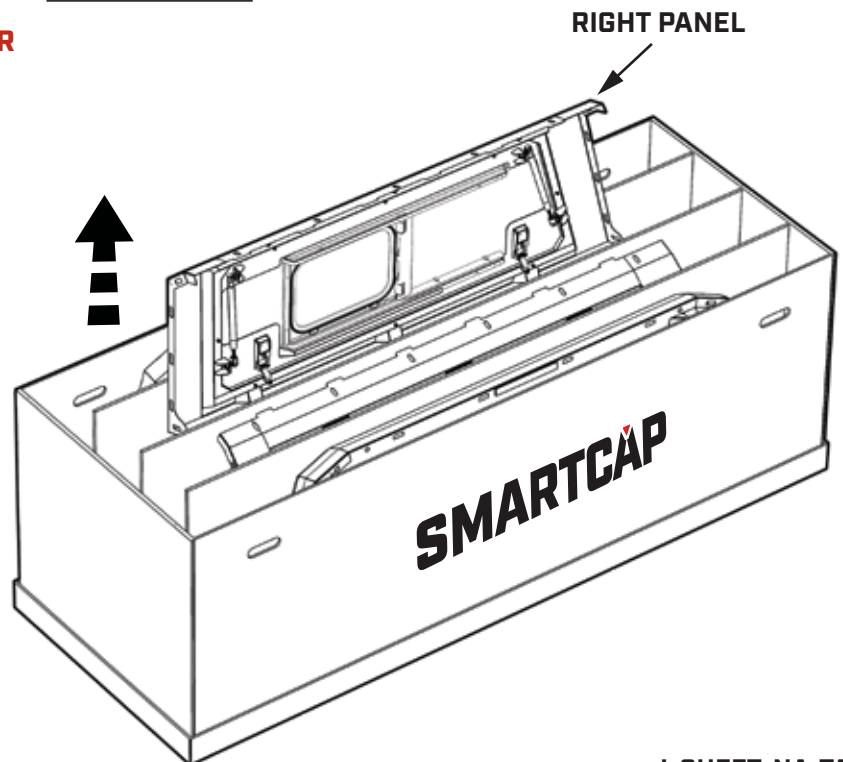


STEP 4

LOCATE THE RIGHT PANEL IN THE SMARTCAP PACKAGE AND BRING IT TO YOUR WORK AREA.



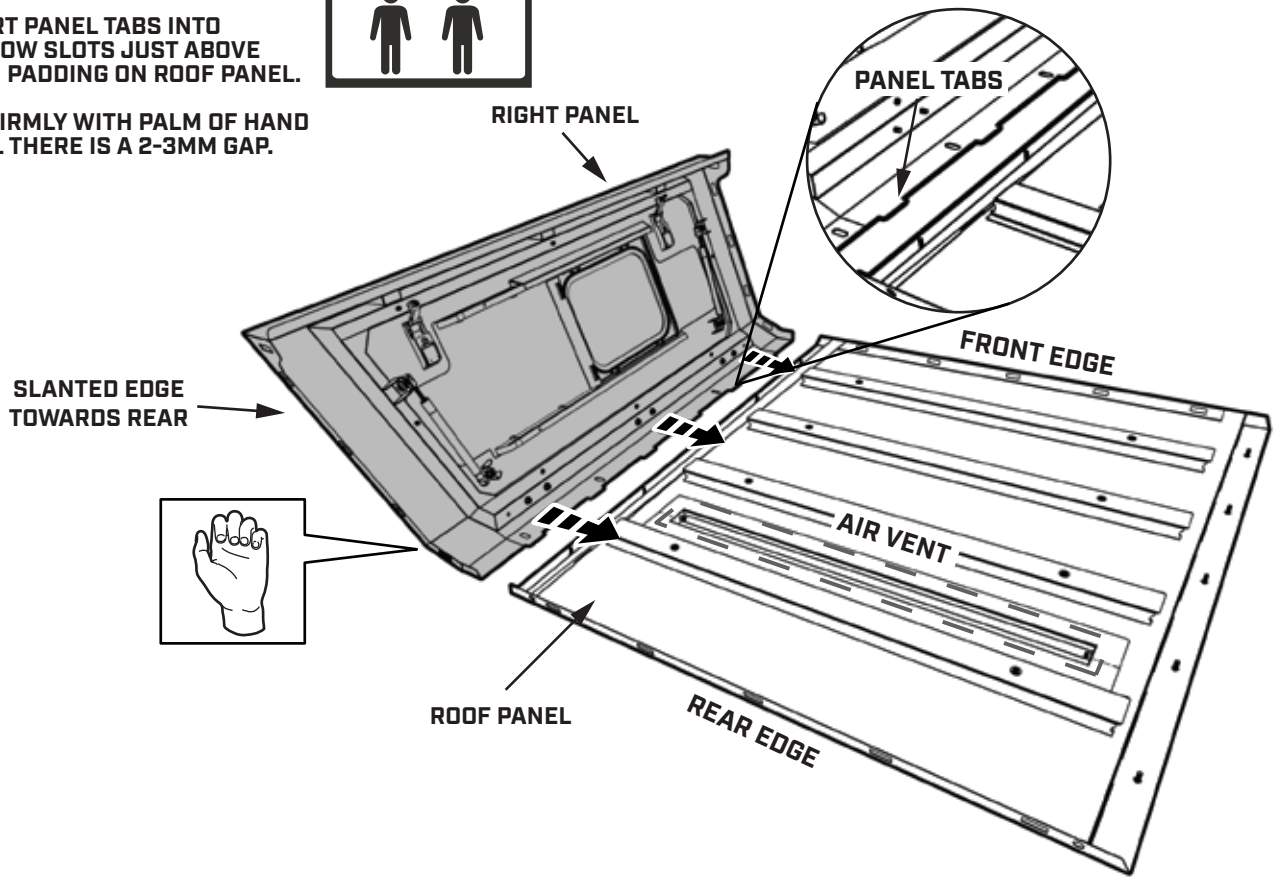
SLANTED EDGE INDICATES REAR



STEP 5

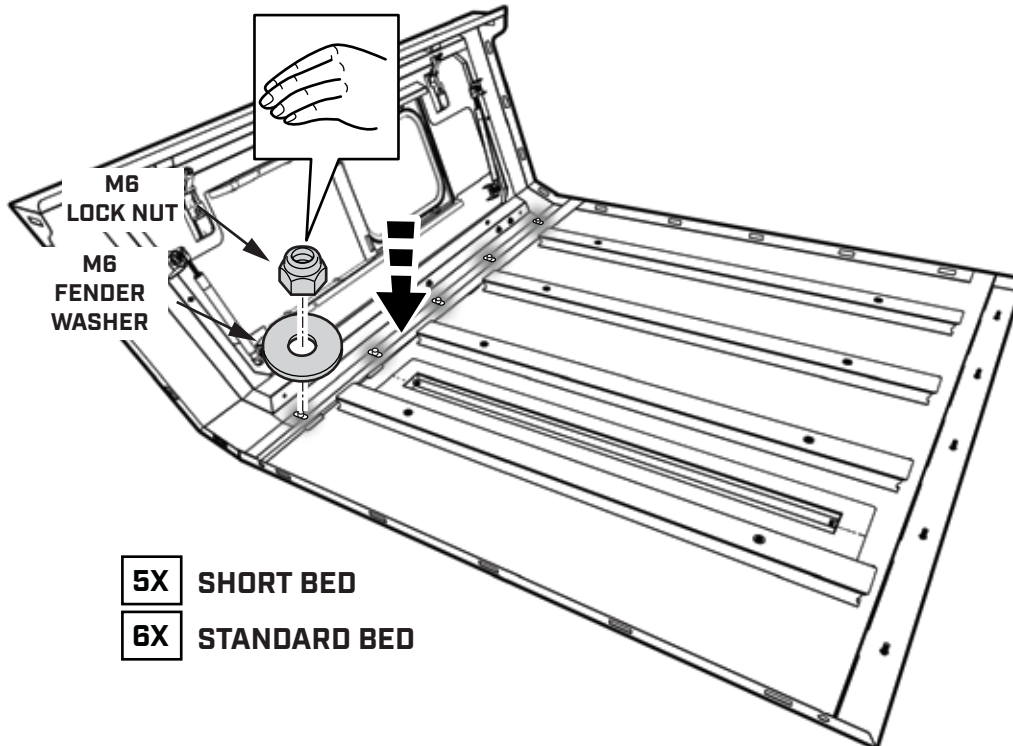
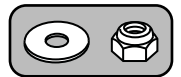
INSERT PANEL TABS INTO NARROW SLOTS JUST ABOVE FOAM PADDING ON ROOF PANEL.

TAP FIRMLY WITH PALM OF HAND UNTIL THERE IS A 2-3MM GAP.



STEP 6

HAND TIGHTEN M6 LOCK NUT WITH M6 FENDER WASHER TO ALL ROOF STUDS.



- 5X** SHORT BED
- 6X** STANDARD BED

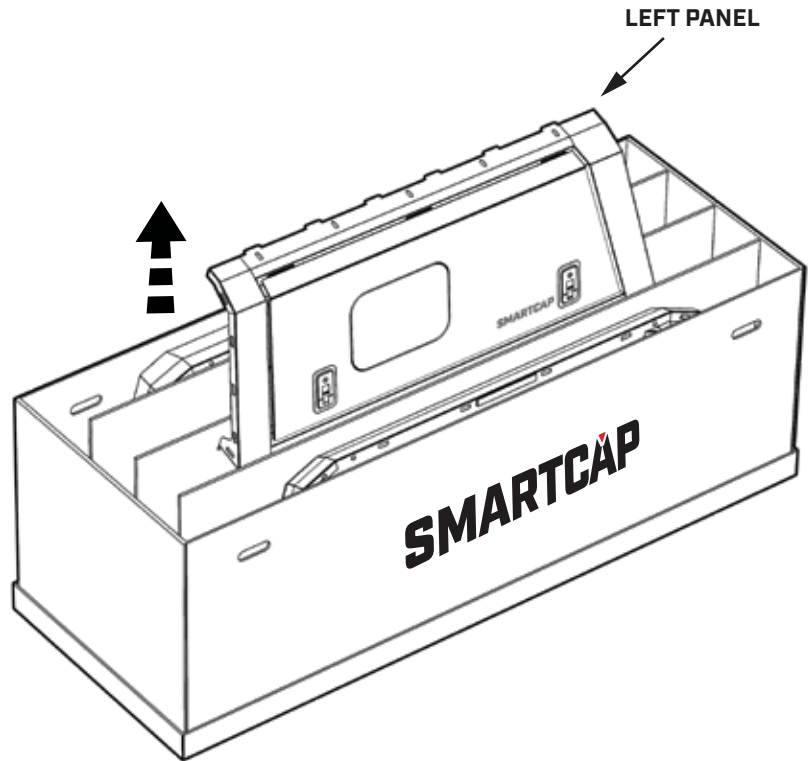
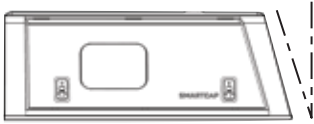
I-SHEET-NA-TA3

STEP 7

LOCATE THE LEFT PANEL IN THE SMARTCAP PACKAGE AND BRING IT TO YOUR WORK AREA.



SLANTED EDGE INDICATES REAR

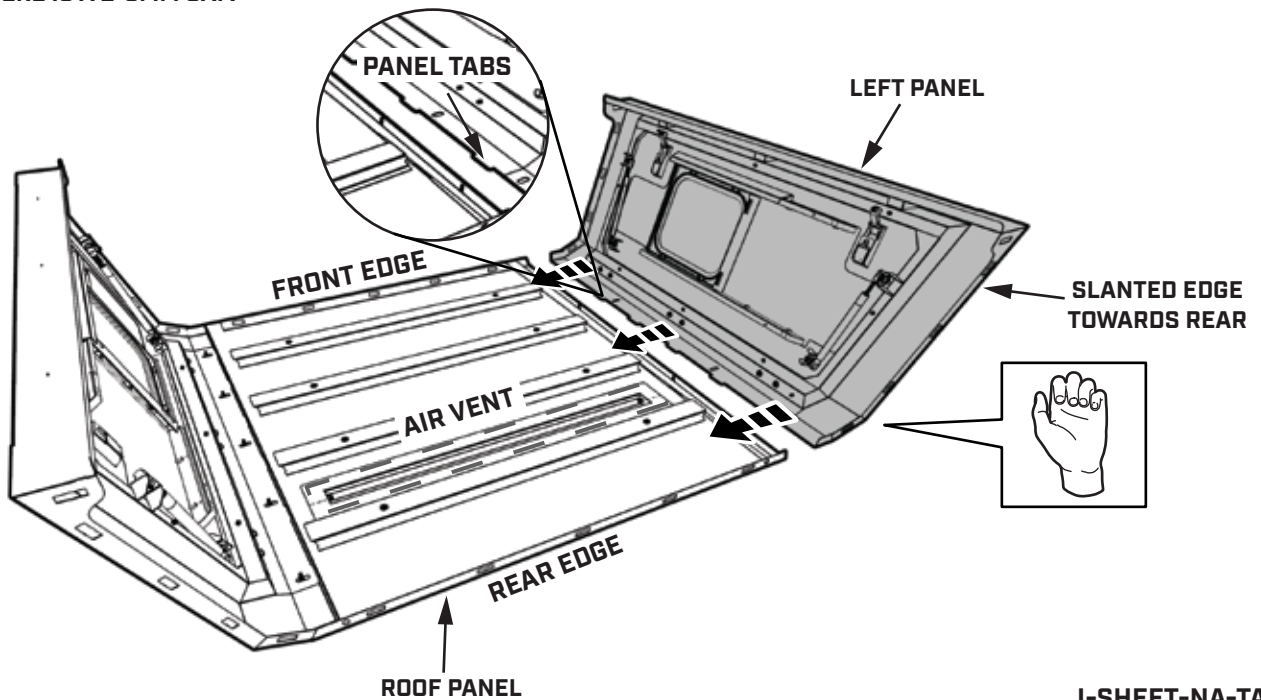


STEP 8

INSERT PANEL TABS INTO NARROW SLOTS JUST ABOVE FOAM PADDING ON ROOF PANEL.



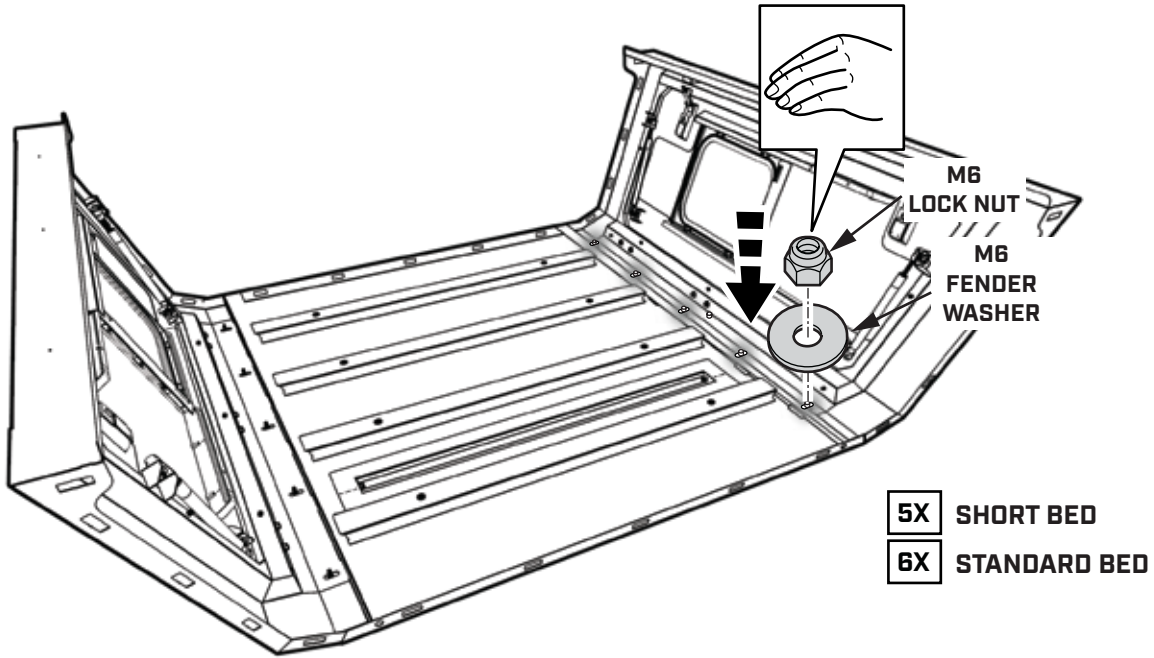
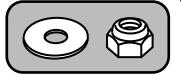
TAP FIRMLY WITH PALM OF HAND UNTIL THERE IS A 2-3MM GAP.



I-SHEET-NA-TA3

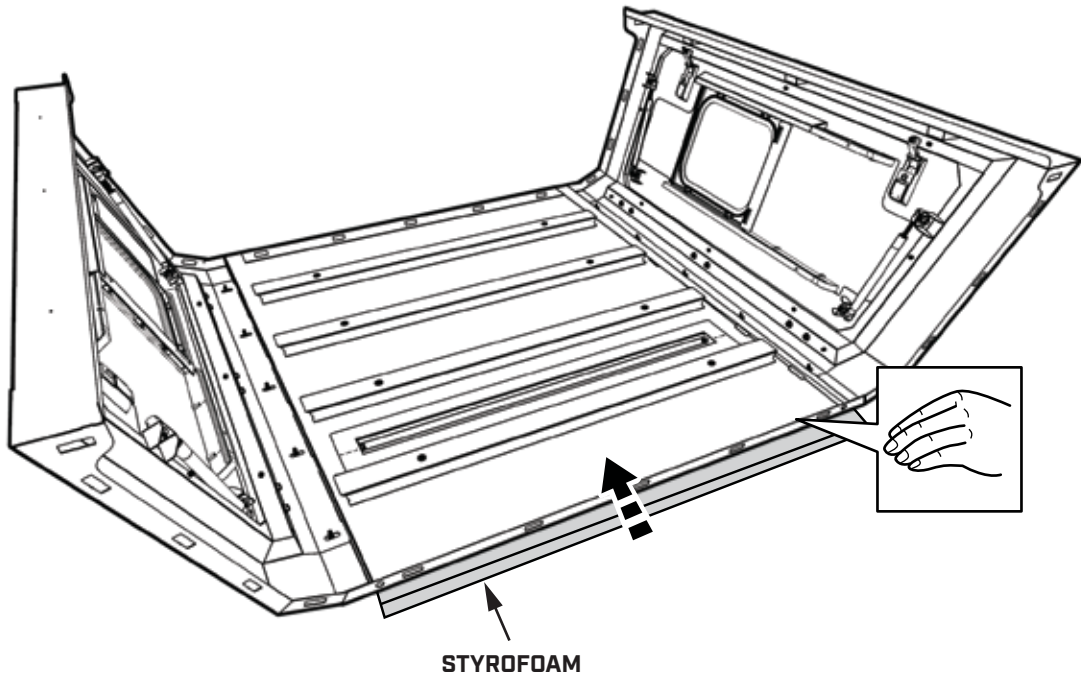
STEP 9

HAND TIGHTEN M6 LOCK NUT WITH M6 FENDER WASHER TO ALL ROOF STUDS .



STEP 10

PUSH THE SMARTCAP TO EXPOSE A FEW INCHES OF STYROFOAM UNDERNEATH THE ROOF PANEL TO PROVIDE SUPPORT FOR THE FRONT FLANGE.

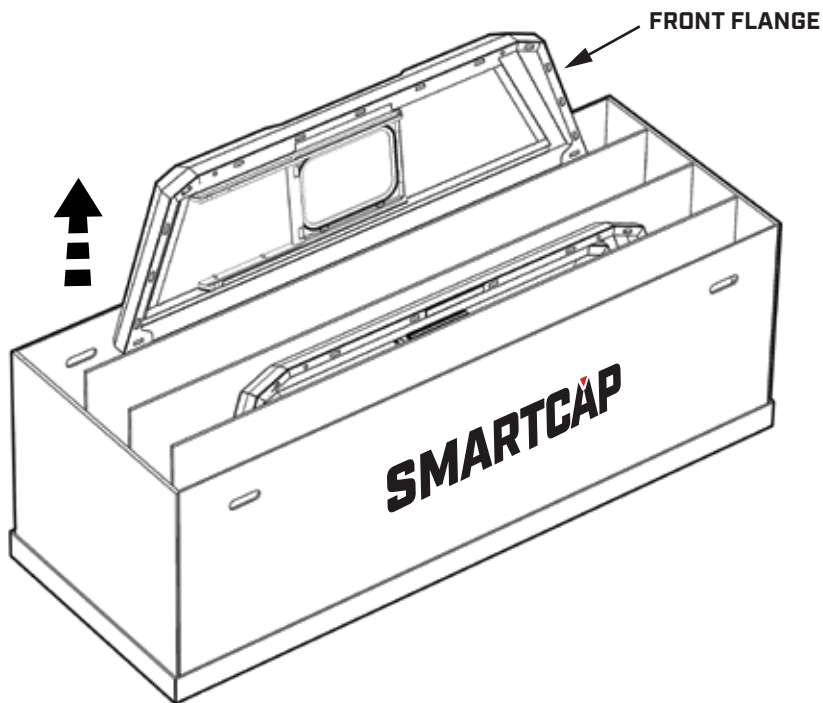
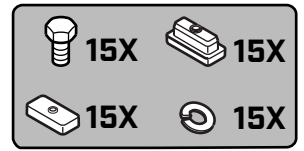


I-SHEET-NA-TA3

STEP 11

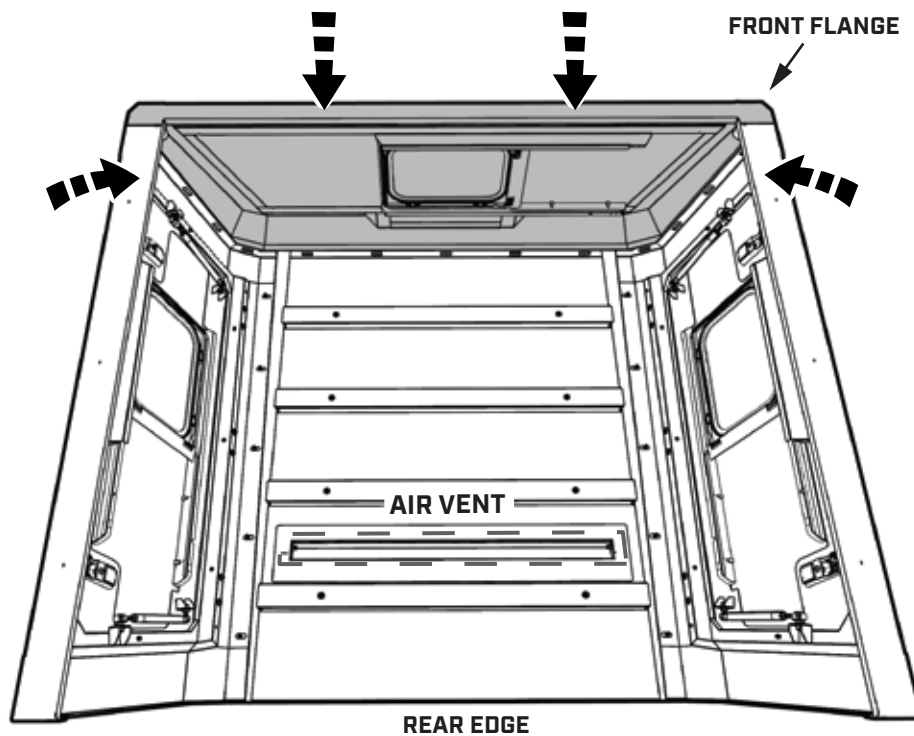
RETRIEVE THE NECESSARY HARDWARE FROM THE FITMENT KIT.

LOCATE THE FRONT FLANGE IN THE SMARTCAP PACKAGE AND BRING IT TO YOUR WORK AREA.



STEP 12

PLACE FRONT FLANGE AS SHOWN BELOW.



I-SHEET-NA-TA3

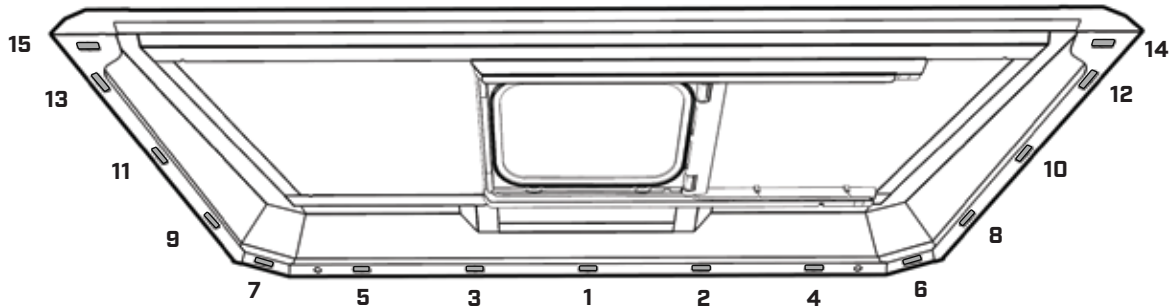
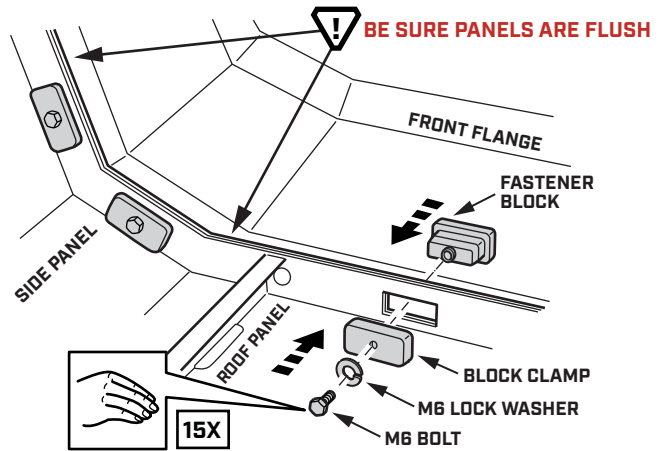
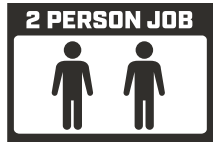
STEP 13

INSTALL HARDWARE ALONG FRONT FLANGE WITH M6 BOLT ON INSIDE.

START WITH ASSEMBLING FASTENER BLOCKS 1-5.

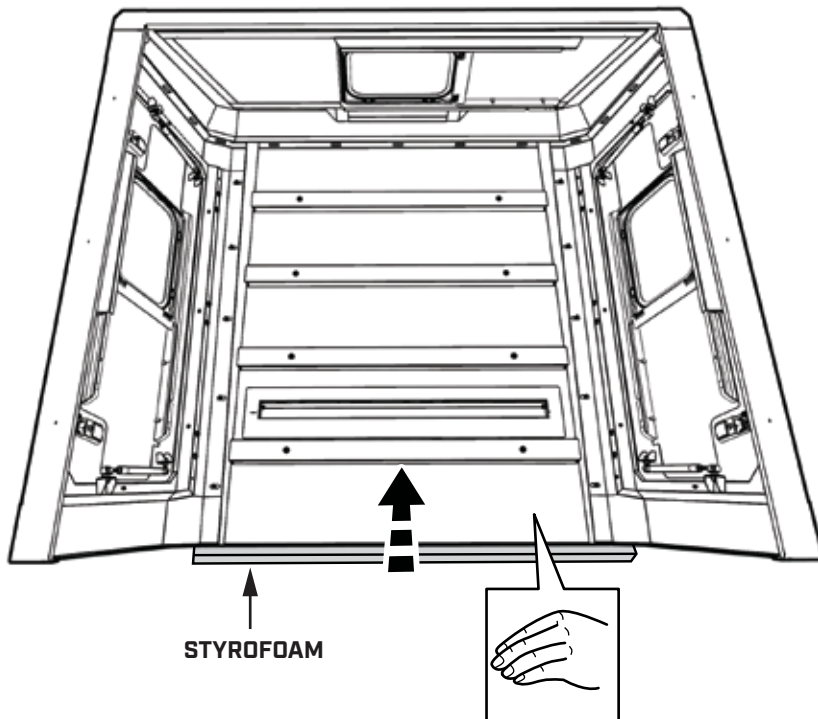
ADJUST LEFT AND RIGHT PANELS TO ALIGN FASTENER BLOCKS 6-15 FOR ASSEMBLY.

HAND TIGHTEN IN THE SEQUENCE SHOWN.



STEP 14

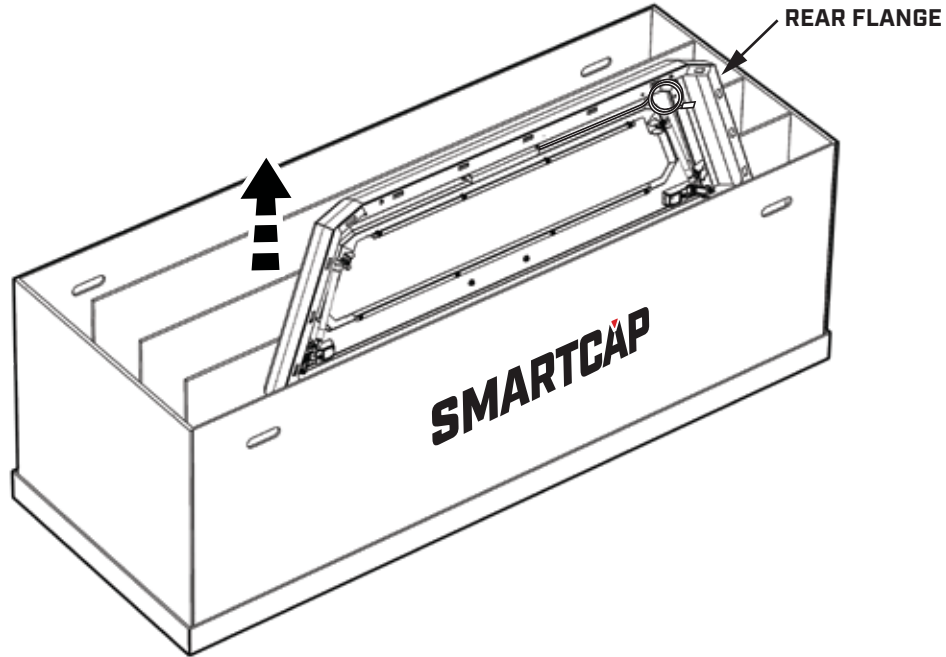
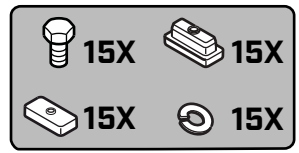
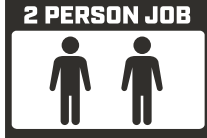
PUSH THE SMARTCAP TO EXPOSE A FEW INCHES OF STYROFOAM UNDERNEATH THE ROOF PANEL TO PROVIDE SUPPORT FOR THE REAR FLANGE.



STEP 15

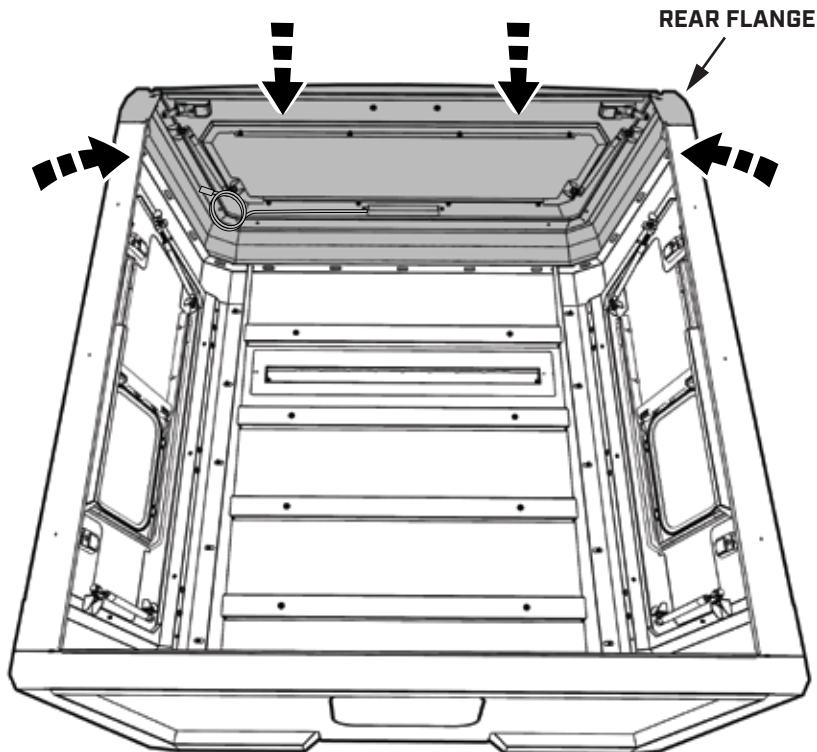
RETRIEVE THE NECESSARY HARDWARE FROM THE FITMENT KIT.

LOCATE THE REAR FLANGE IN THE SMARTCAP PACKAGE AND BRING IT TO YOUR WORK AREA.



STEP 16

PLACE REAR FLANGE AS SHOWN BELOW.



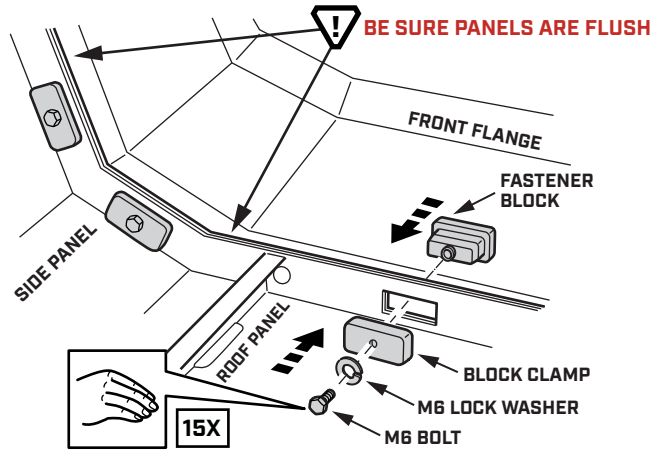
STEP 17

INSTALL HARDWARE ALONG REAR FLANGE WITH BOLT ON INSIDE.

START WITH ASSEMBLING FASTENER BLOCKS 1-5.

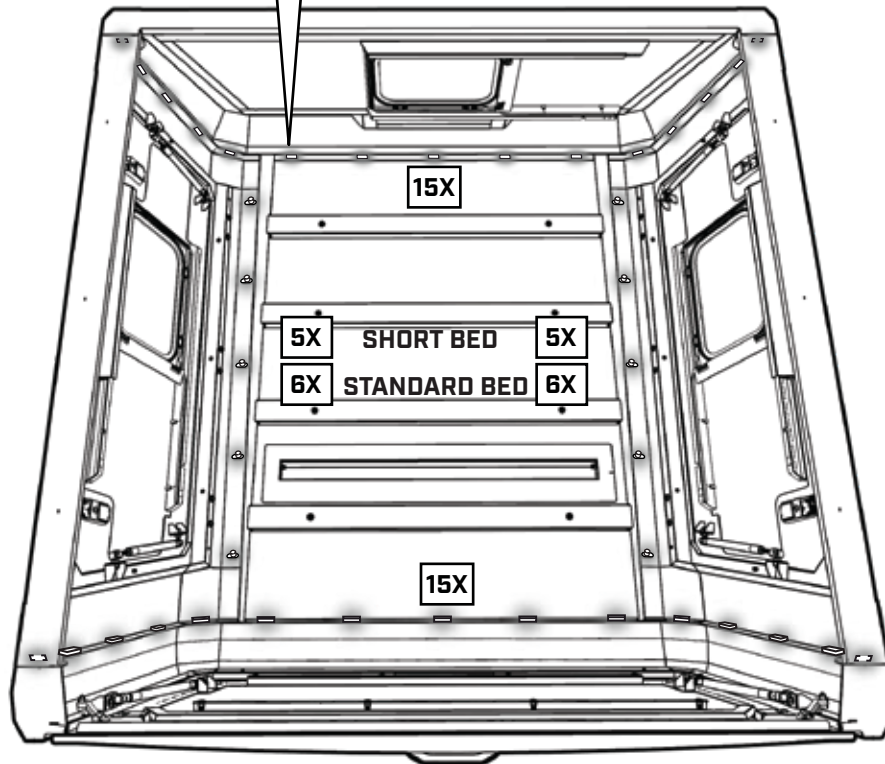
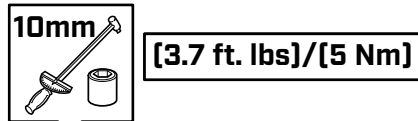
ADJUST LEFT AND RIGHT PANELS TO ALIGN FASTENER BLOCKS 6-15 FOR ASSEMBLY.

HAND TIGHTEN IN THE SEQUENCE SHOWN.



STEP 18

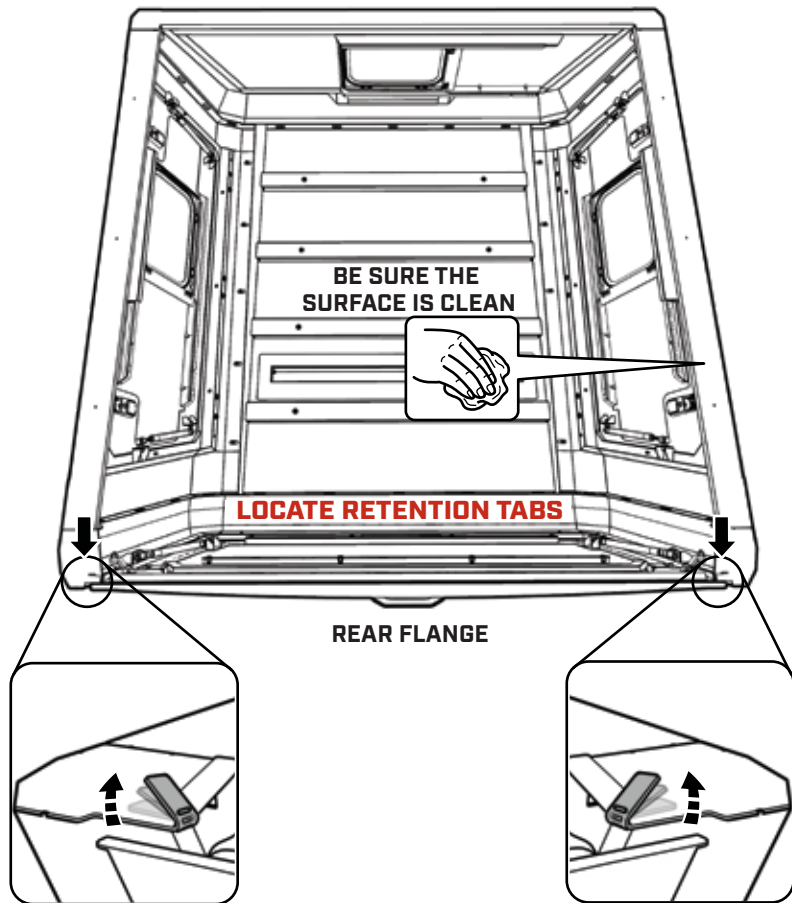
TIGHTEN ALL HARDWARE WITH TORQUE WRENCH AND 10MM SOCKET TO 3.7 FT. LBS. [5 NEWTON METERS]



STEP 19

ENSURE THE ENTIRE BOTTOM EDGE OF THE SMARTCAP IS CLEAN.

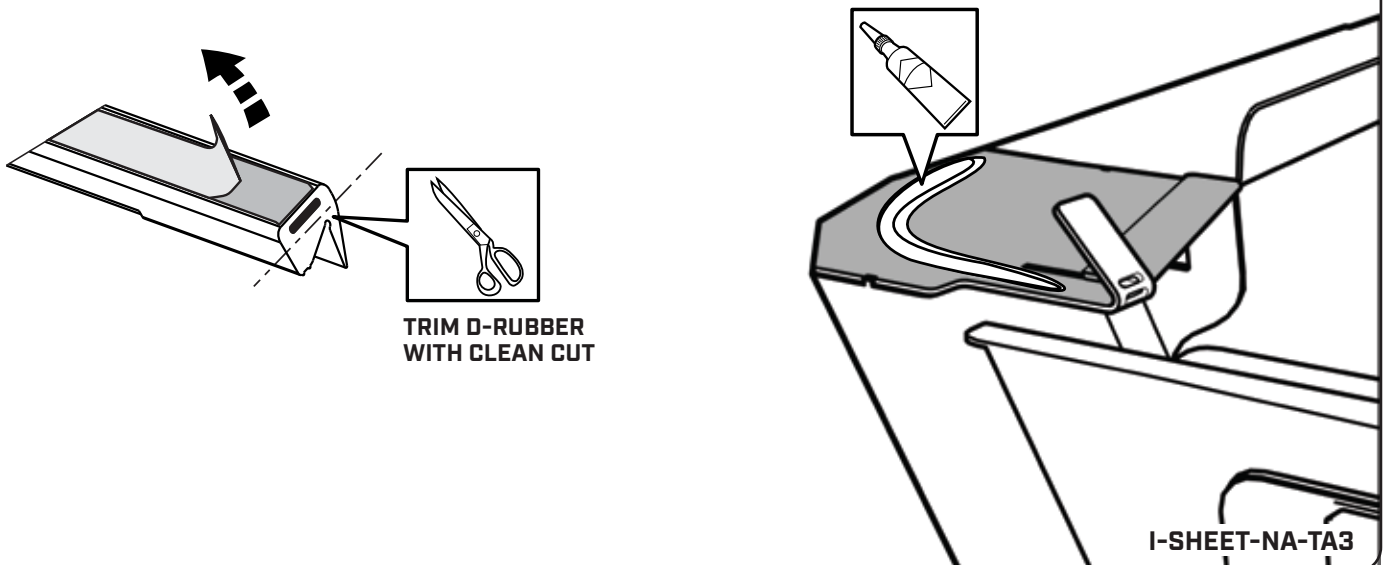
LOCATE BOTH RETENTION TABS ON THE REAR FLANGE AND BEND EACH TO A 45-DEGREE ANGLE FOR D-RUBBER FITMENT.



STEP 20

TRIM THE D-RUBBER WITH A CLEAN, STRAIGHT CUT.

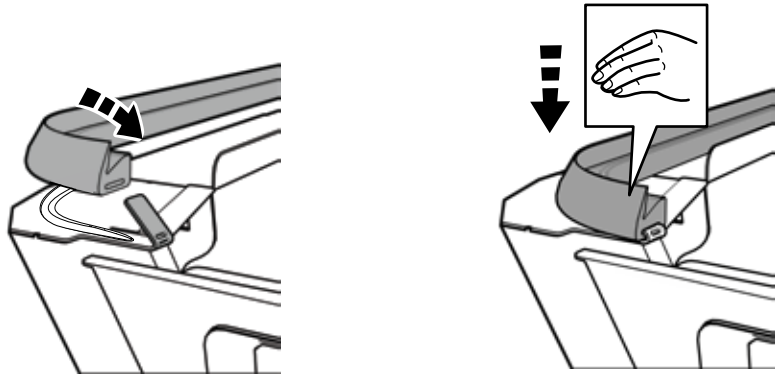
APPLY 2-3 INCHES SUPER GLUE NEAR THE RETENTION TABS, ALONG THE BOTTOM EDGE OF THE REAR FLANGE



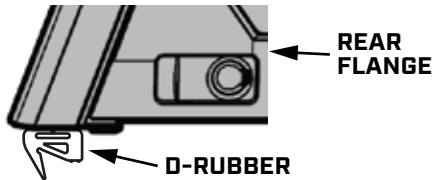
STEP 21

FULLY INSERT THE RETENTION TAB INTO THE SLOT ON THE D-RUBBER. ENSURE THE D-RUBBER IS ORIENTED CORRECTLY WITH ITS PROFILE MATCHING THE CONTOUR OF THE REAR FLANGE.

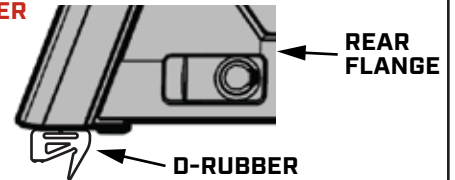
PRESS DOWN FIRMLY ON THE TAB AND THE D-RUBBER TO BOND IT TO THE REAR FLANGE, CREATING A TIGHT SEAL.



CORRECT D-RUBBER ORIENTATION



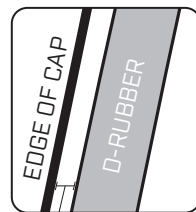
INCORRECT D-RUBBER ORIENTATION



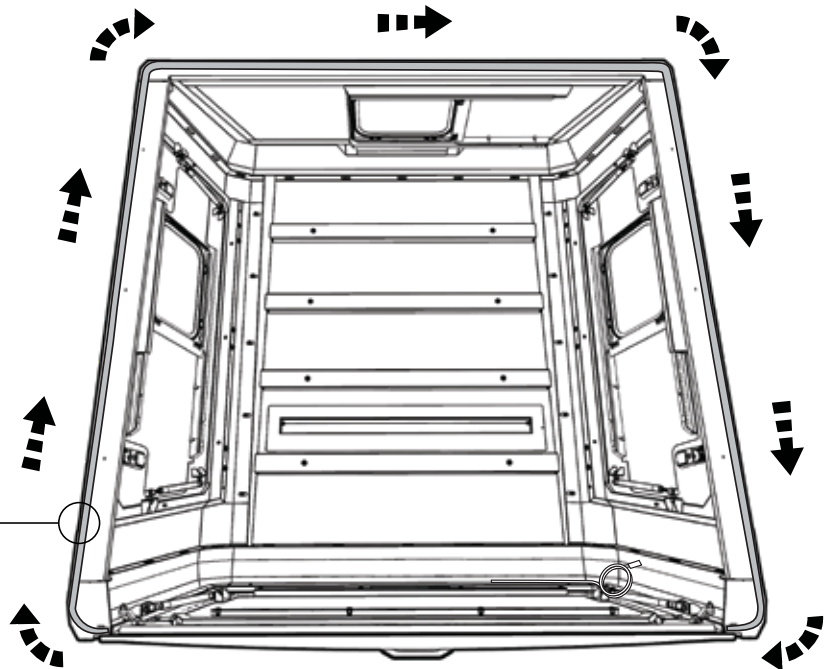
STEP 22

ALIGN THE D-RUBBER ALONG THE SMARTCAP'S EDGE, MAINTAINING A CONSISTENT 1/8 INCH GAP FROM THE EDGE.

START FROM ONE CORNER AND WORK YOUR WAY AROUND THE CAP TO ENSURE PROPER PLACEMENT AND ALIGNMENT.



1/8 INCH FROM EDGE

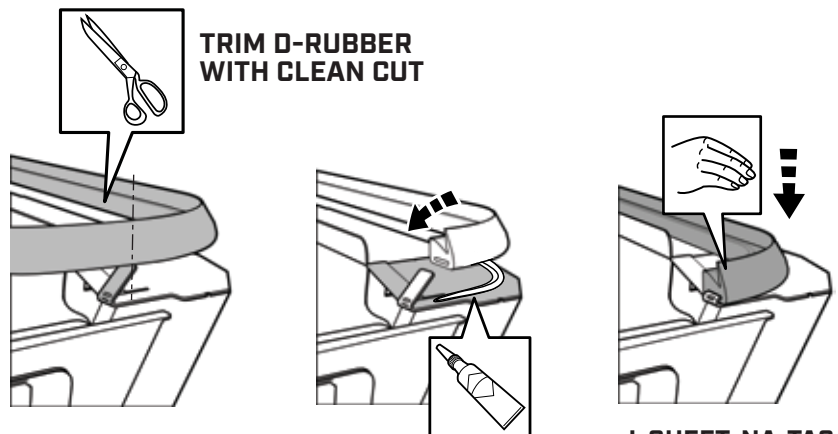


STEP 23

TRIM ANY EXCESS D-RUBBER BEYOND THE EDGE FOR A NEAT FINISH.

APPLY 2-3 INCHES OF SUPER GLUE NEAR THE RETENTION TAB, ALONG THE BOTTOM EDGE OF THE REAR FLANGE. FULLY INSERT THE RETENTION TAB INTO THE SLOT ON THE D-RUBBER.

PRESS DOWN FIRMLY ON THE TAB AND THE D-RUBBER TO BOND IT TO THE REAR FLANGE, CREATING A TIGHT SEAL.

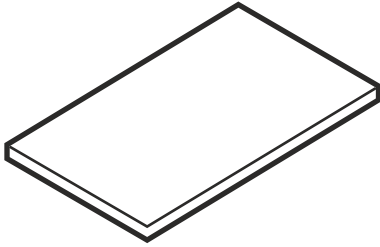


TRIM D-RUBBER WITH CLEAN CUT

I-SHEET-NA-TA3

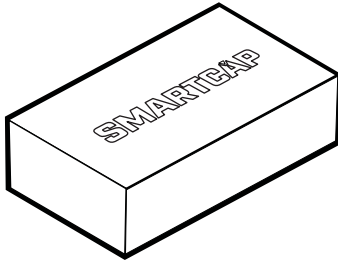
INSTALL HARDWARE

THIN RUBBER PAD



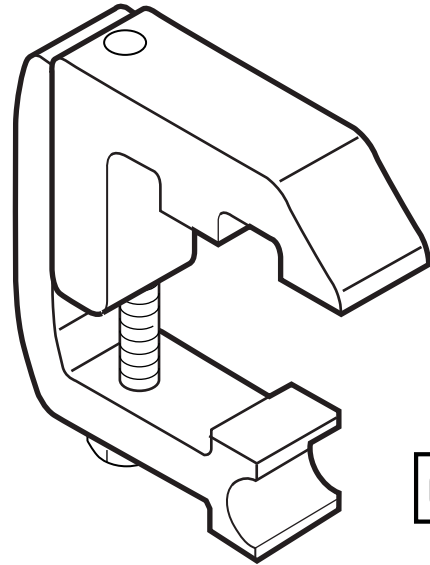
6X

THICK RUBBER PAD



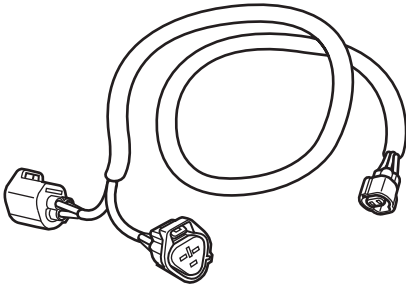
8X

MOUNTING CLAMP



6X

THIRD BRAKE LIGHT HARDWARE



T-HARNESS

1X



IMPORTANT

- ▼ ASSISTANCE WILL BE NEEDED FOR THIS INSTALLATION. FOUR PEOPLE ARE RECOMMENDED TO LIFT THE SMARTCAP ONTO THE VEHICLE.
- ▼ AVOID PINCHING OR CRUSHING HANDS AND FINGERS.
- ▼ BE SURE THE VEHICLE IS TURNED OFF FOR THIS INSTALLATION.
- ▼ READ THROUGH THE ENTIRE PROCEDURE BEFORE STARTING AND FOLLOW THE STEPS CAREFULLY TO ENSURE THE THIRD BRAKE LIGHT WILL FUNCTION PROPERLY.
- ▼ USE A TEST LIGHT TO CHECK FOR SUCCESSFUL INSTALLATION.

I-SHEET-NA-TA3

STEP 24

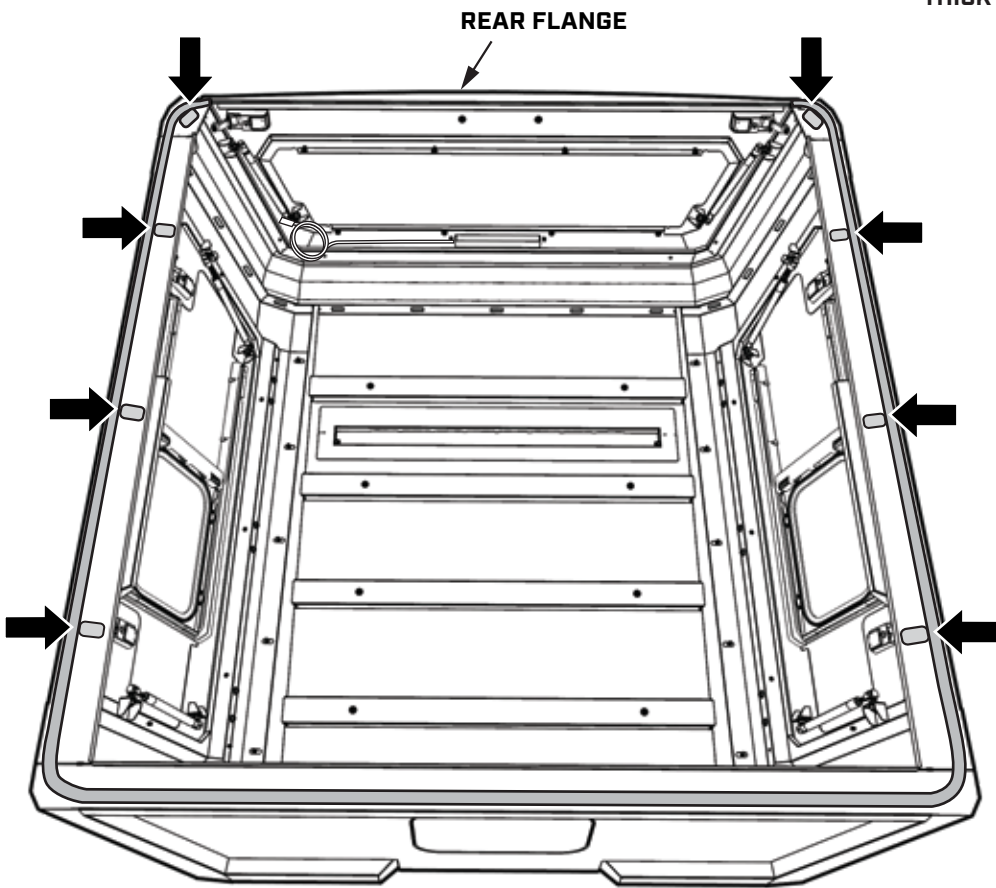
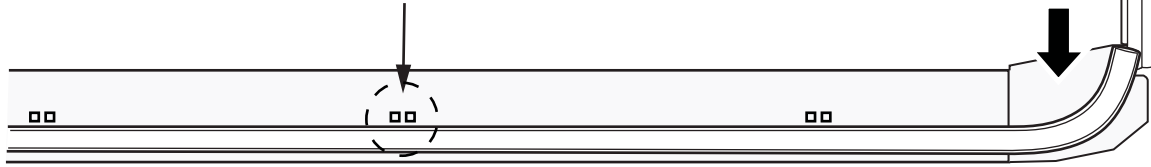
REMOVE THE ADHESIVE BACKING FROM THE THICK RUBBER PAD.



PLACE THE PADS ALONG THE INSIDE OF THE D-RUBBER AT THE INDICATED LOCATIONS.

PAD PLACEMENT INDICATORS

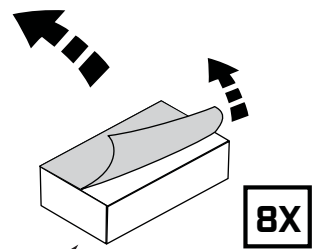
PLACE EXTRA PAD IN EACH REAR CORNER OF THE CAP



THICK RUBBER PAD

D - RUBBER

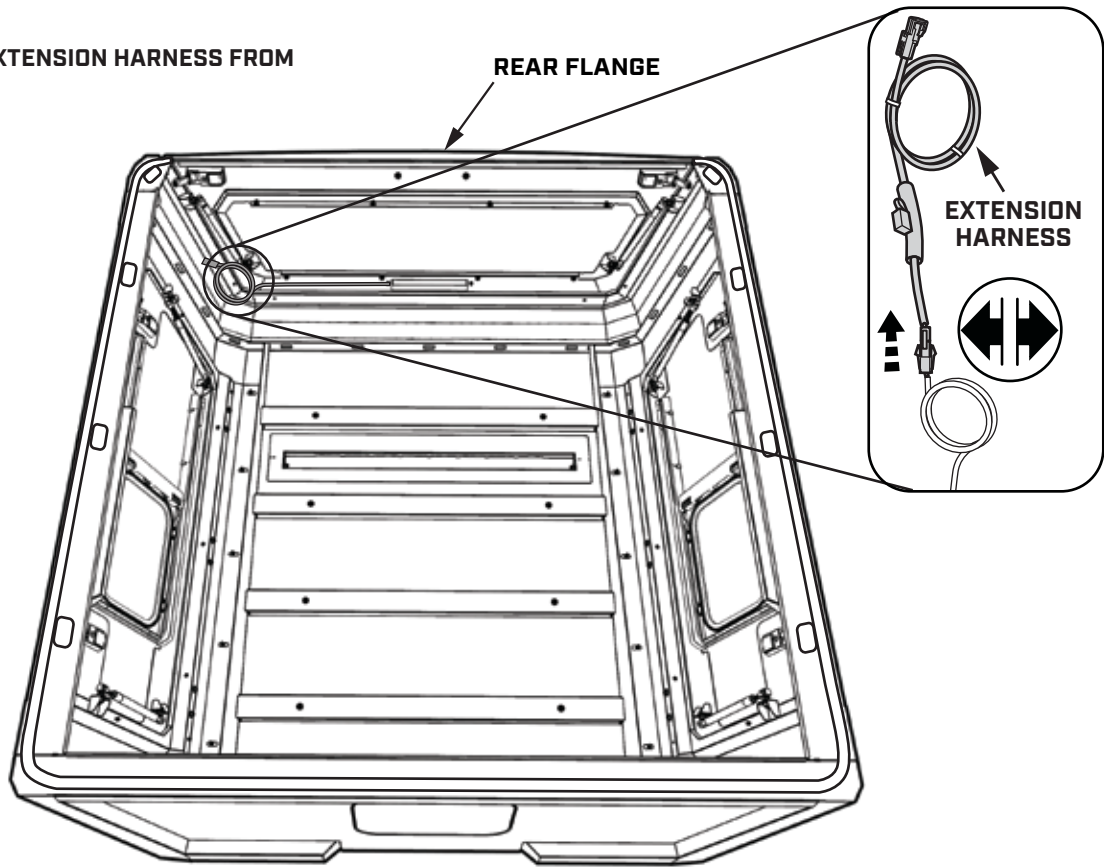
THICK RUBBER PAD



THICK RUBBER PAD

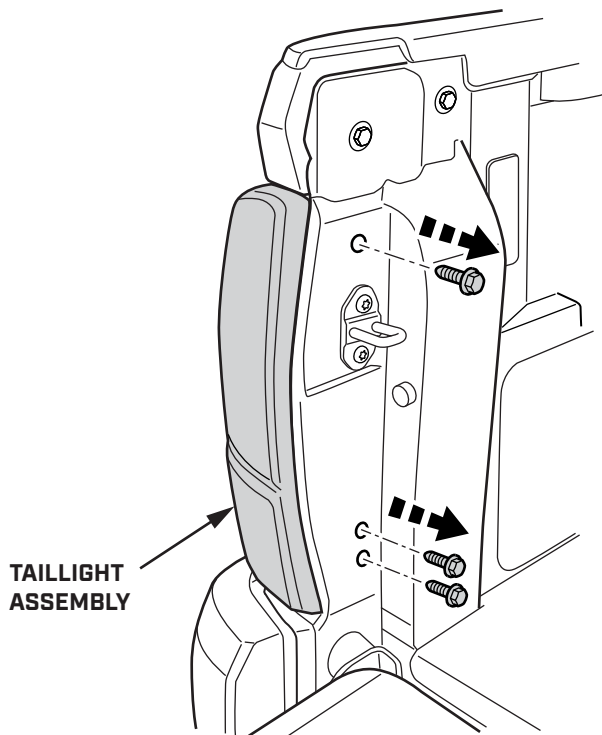
STEP 25

DISCONNECT THE EXTENSION HARNESS FROM THE SMARTCAP.



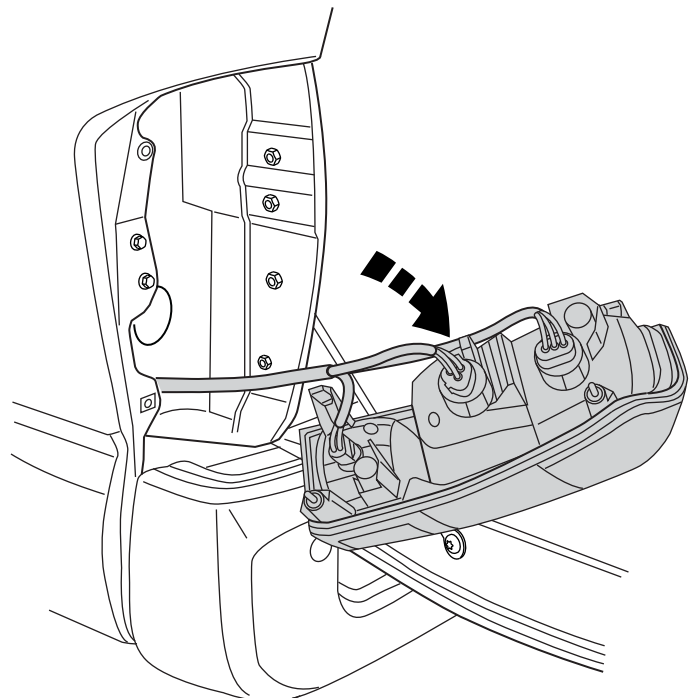
STEP 26

REMOVE THE BOLTS HOLDING THE DRIVER SIDE TAILLIGHT ASSEMBLY.



STEP 27

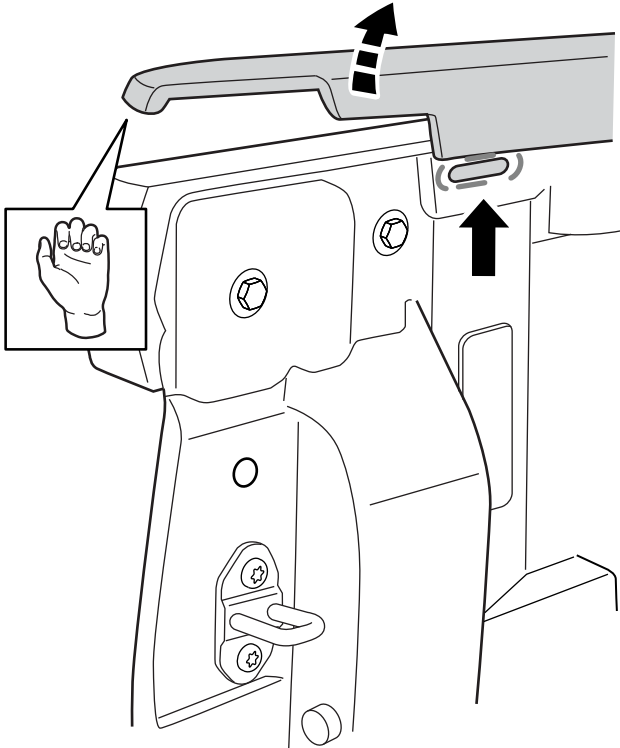
PLACE THE TAILLIGHT ASSEMBLY CAREFULLY ON THE TAILGATE. DO NOT UNPLUG ANY CONNECTORS.



I-SHEET-NA-TA3

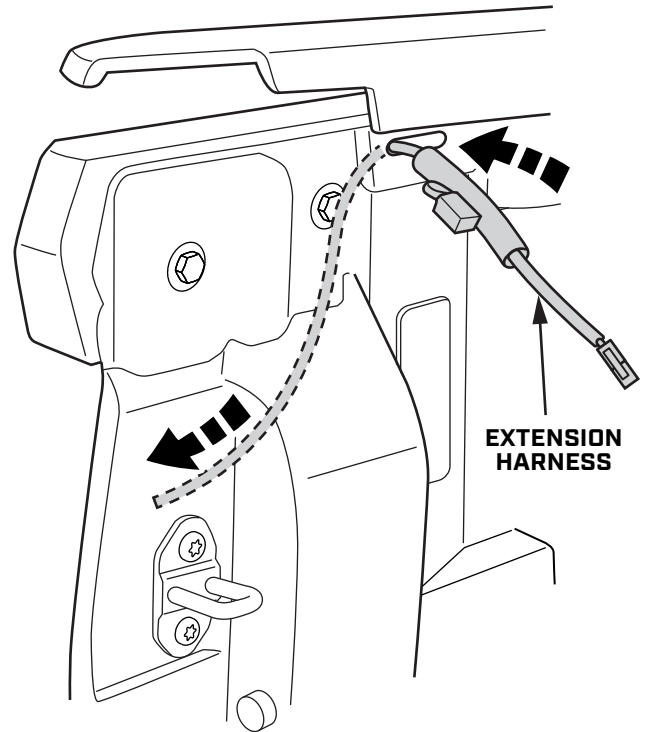
STEP 28

CAREFULLY PULL UP ON THE TOP EDGE PANEL OF THE TRUCK BED TO LOCATE THE HOLE IN THE SHEET METAL.



STEP 29

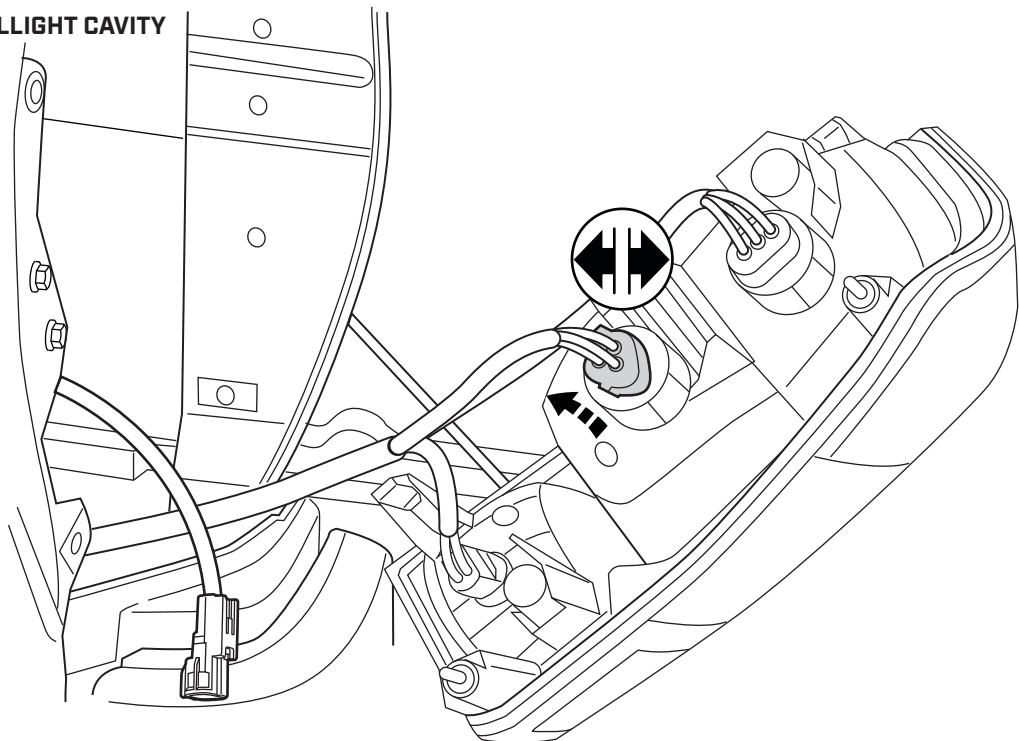
ROUTE THE EXTENSION HARNESS THROUGH THE HOLE AND BACK TOWARDS THE TAILLIGHT OPENING.



STEP 30

DISCONNECT THE MIDDLE BRAKE LIGHT PLUG AT THE BACK OF THE TAILLIGHT ASSEMBLY.

TAILLIGHT CAVITY

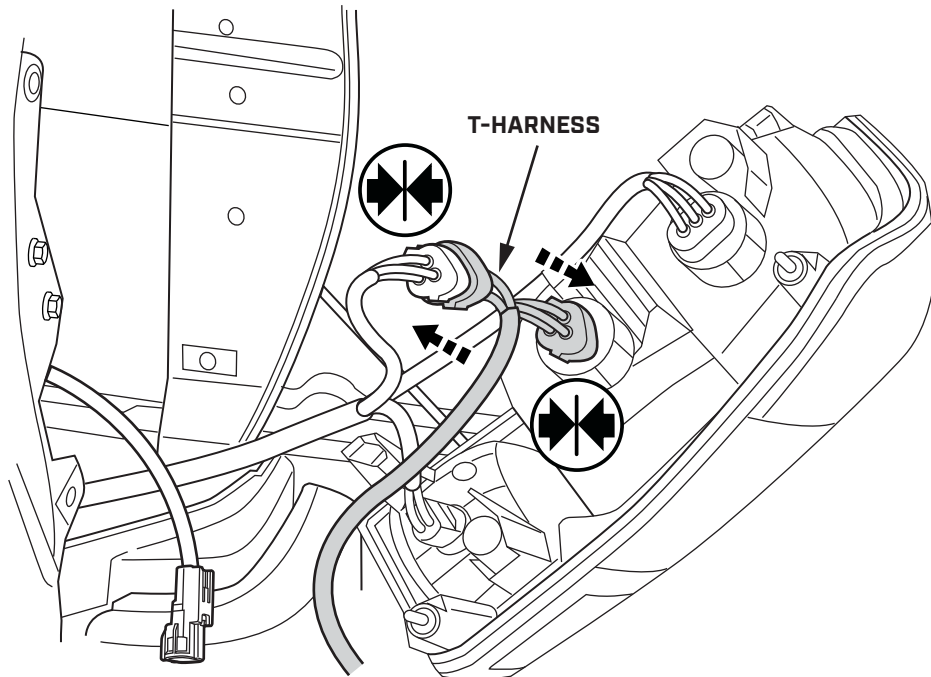


I-SHEET-NA-TA3

STEP 31

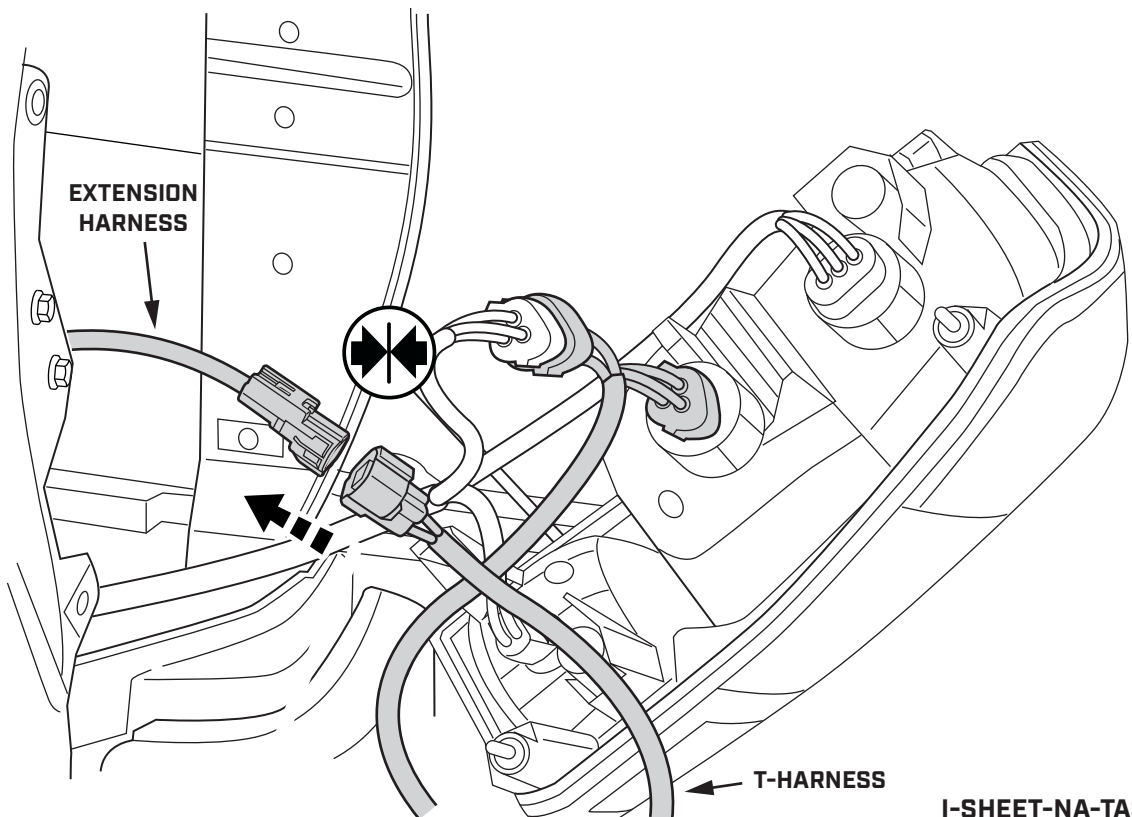
CONNECT THE BRAKE LIGHT PLUG INTO THE FEMALE PLUG FROM THE T-HARNESS.

CONNECT THE MALE PLUG FROM THE T-HARNESS INTO THE FEMALE BRAKE LIGHT SOCKET.



STEP 32

CONNECT THE T-HARNESS TO THE EXTENSION HARNESS.

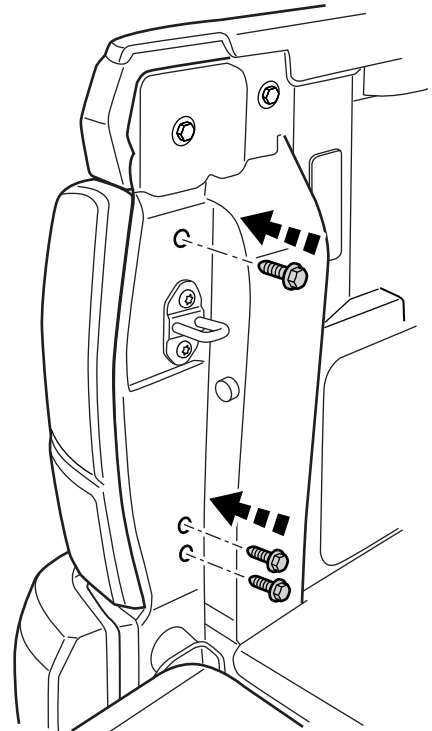
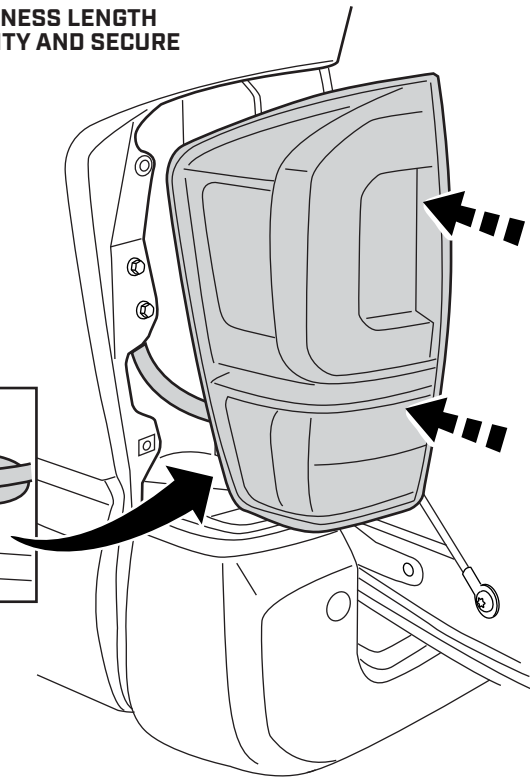
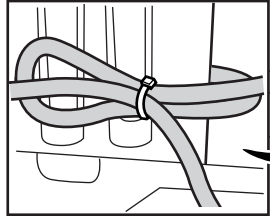


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STEP 33

BUNDLE EXTRA T-HARNESS LENGTH IN THE TAILLIGHT CAVITY AND SECURE WITH CABLE TIES.

REINSTALL THE TAILLIGHT ASSEMBLY.

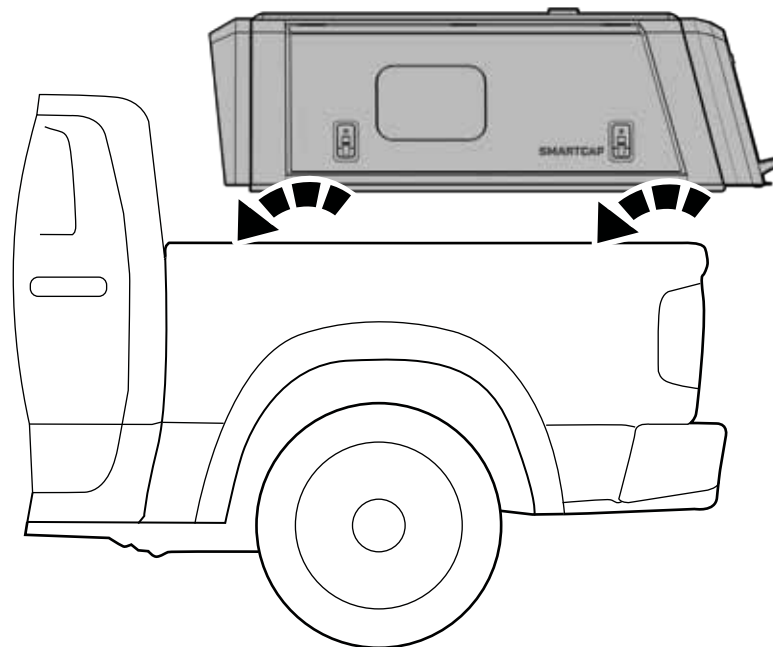


STEP 34

USE 4 PEOPLE TO LIFT THE ASSEMBLED SMARTCAP ONTO THE TRUCK BED.

TO AVOID DAMAGE TO THE D-RUBBER, DO NOT SLIDE THE SMARTCAP INTO PLACE.

4 PERSON JOB



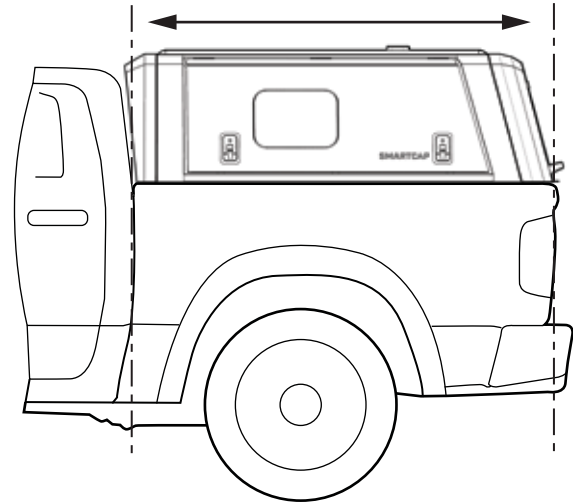
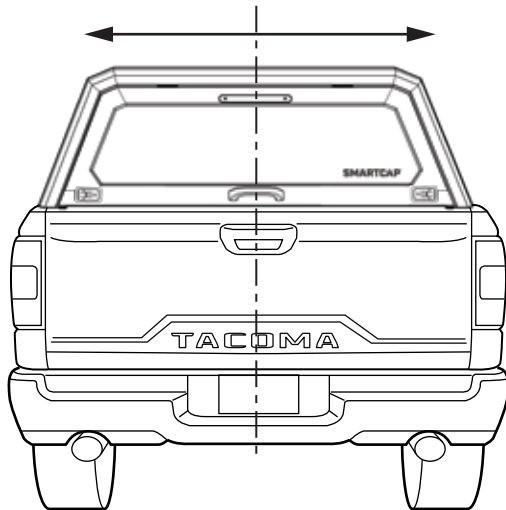
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STEP 35

CHECK THAT THE SMARTCAP IS PROPERLY POSITIONED AND CENTERED ON THE TRUCK BED.

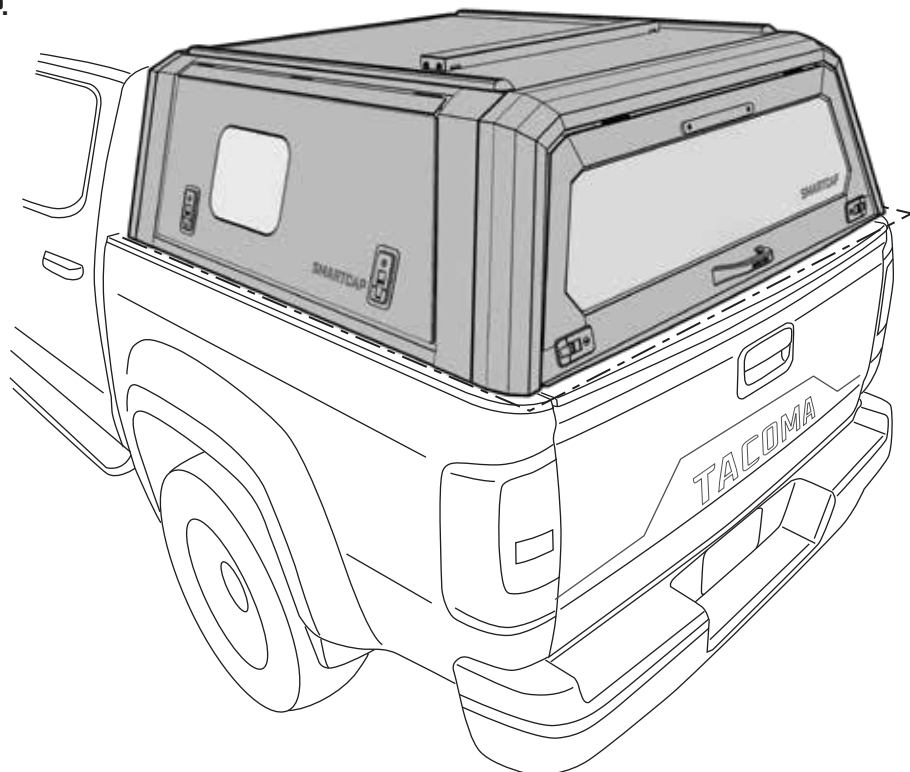
IT'S IMPORTANT THAT THE SMARTCAP IS NOT PUSHED TOO FAR FORWARD, LEAVING A GAP BETWEEN THE SMARTCAP AND THE CAB.

4 PERSON JOB



STEP 36

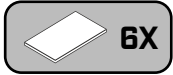
WALK AROUND THE TRUCK BED TO MAKE SURE THE D-RUBBER FITMENT IS CORRECT AND THAT THE RUBBER LIP IS PROPERLY TUCKED UNDERNEATH THE CAP.



**YOU MAY NOTICE THAT THE SEAL ON THE SLIDING PORTAL WINDOW MIGHT APPEAR WRINKLED. THIS IS DUE TO THE ANTI-SLIP COATING AND IS NOT A CAUSE FOR CONCERN.*

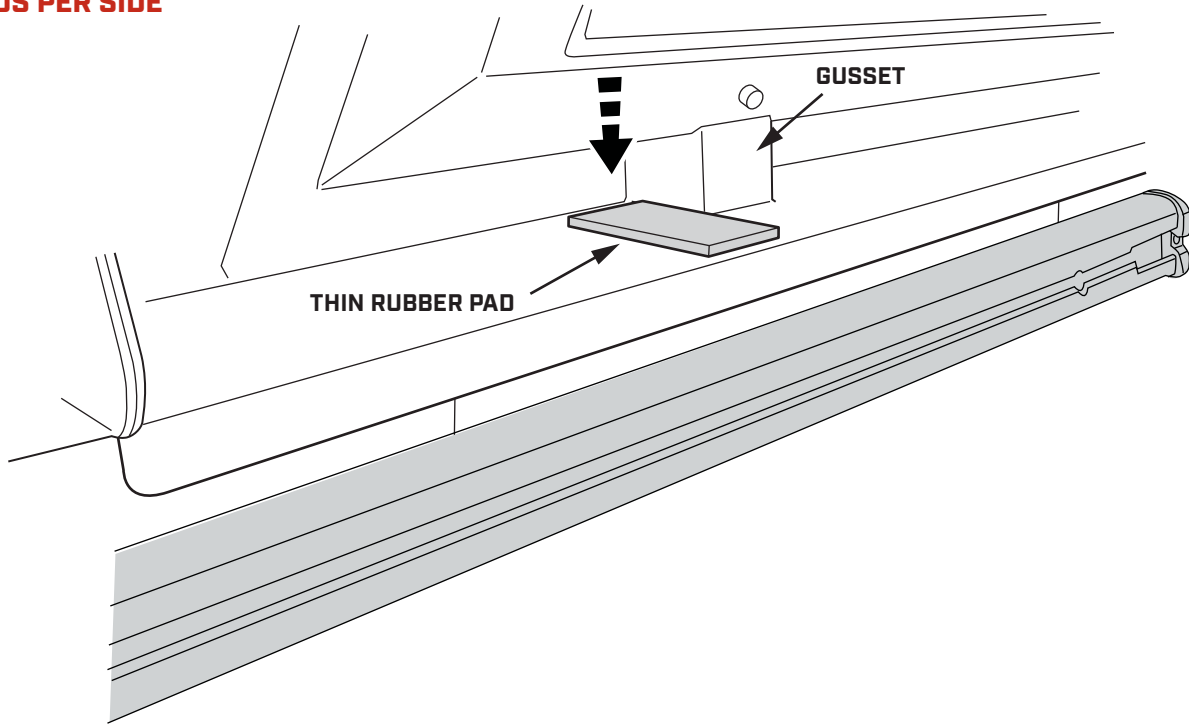
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STEP 37



WITH THE EXCEPTION OF THE REAR CORNERS, PLACE THE THIN RUBBER PADS NEXT TO GUSSETS ON BOTH SIDES OF THE CAP.

3 PADS PER SIDE



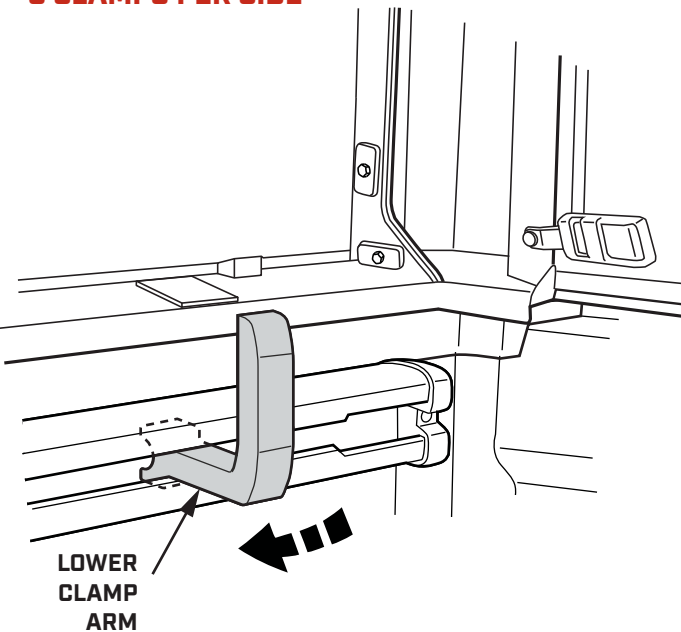
STEP 38



DISASSEMBLE MOUNTING CLAMPS.

INSTALL LOWER CLAMP ARMS INTO RAIL INSIDE TRUCK BED AND SET THEM IN FRONT OF EVERY THIN RUBBER PAD.

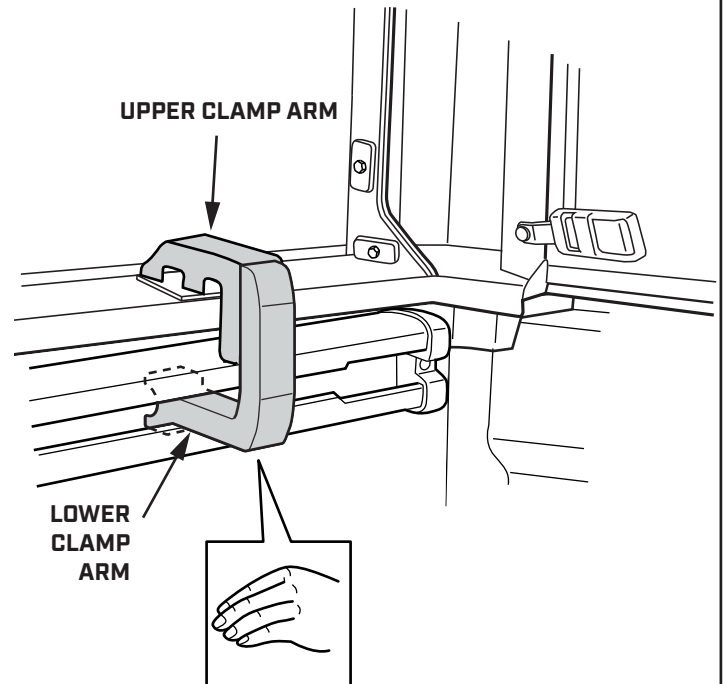
3 CLAMPS PER SIDE



STEP 39

REASSEMBLE UPPER AND LOWER CLAMP ARMS.

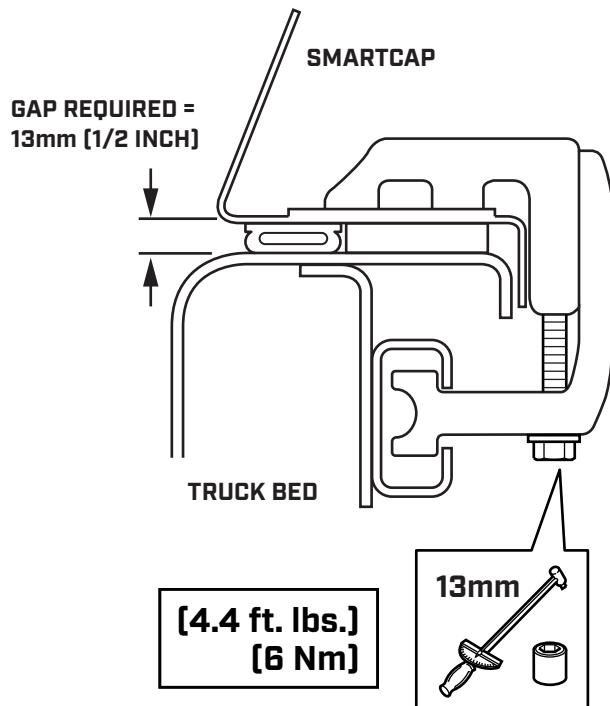
HAND TIGHTEN ALL MOUNTING CLAMPS ON TOP OF THIN RUBBER PADS.



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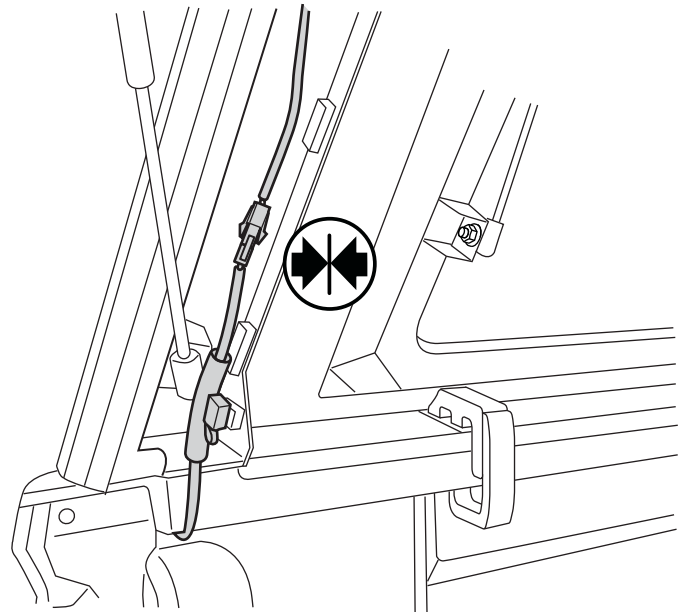
STEP 40

TIGHTEN MOUNTING CLAMPS USING TORQUE WRENCH AND 13MM SOCKET TO 4.4 FT. LBS. [6 NEWTON METERS]



STEP 41

CONNECT THE EXTENSION HARNESS TO THE SMARTCAP'S THIRD BRAKE LIGHT HARNESS.



STEP 42



TEST YOUR BRAKE LIGHTS & TURN SIGNALS

- ▼ START THE TRUCK. SOME MODELS MAY TAKE UP TO 30 SECONDS FOR THE VEHICLE TO DETECT THE NEW CONNECTION.
- ▼ CHECK THE BRAKE LIGHTS AND TURN SIGNALS TO BE SURE THEY ARE FUNCTIONING PROPERLY.
- ▼ ONCE YOU HAVE CONFIRMED THAT THE LIGHTS ARE WORKING CORRECTLY, SECURE THE HARNESS WITH CABLE TIES.
- ▼ BE SURE NOT TO INTERFERE WITH ANY MOVING PARTS ON THE VEHICLE.



THANKS FOR YOUR PURCHASE.
PLEASE LET US KNOW IF YOU HAVE ANY QUESTIONS.

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