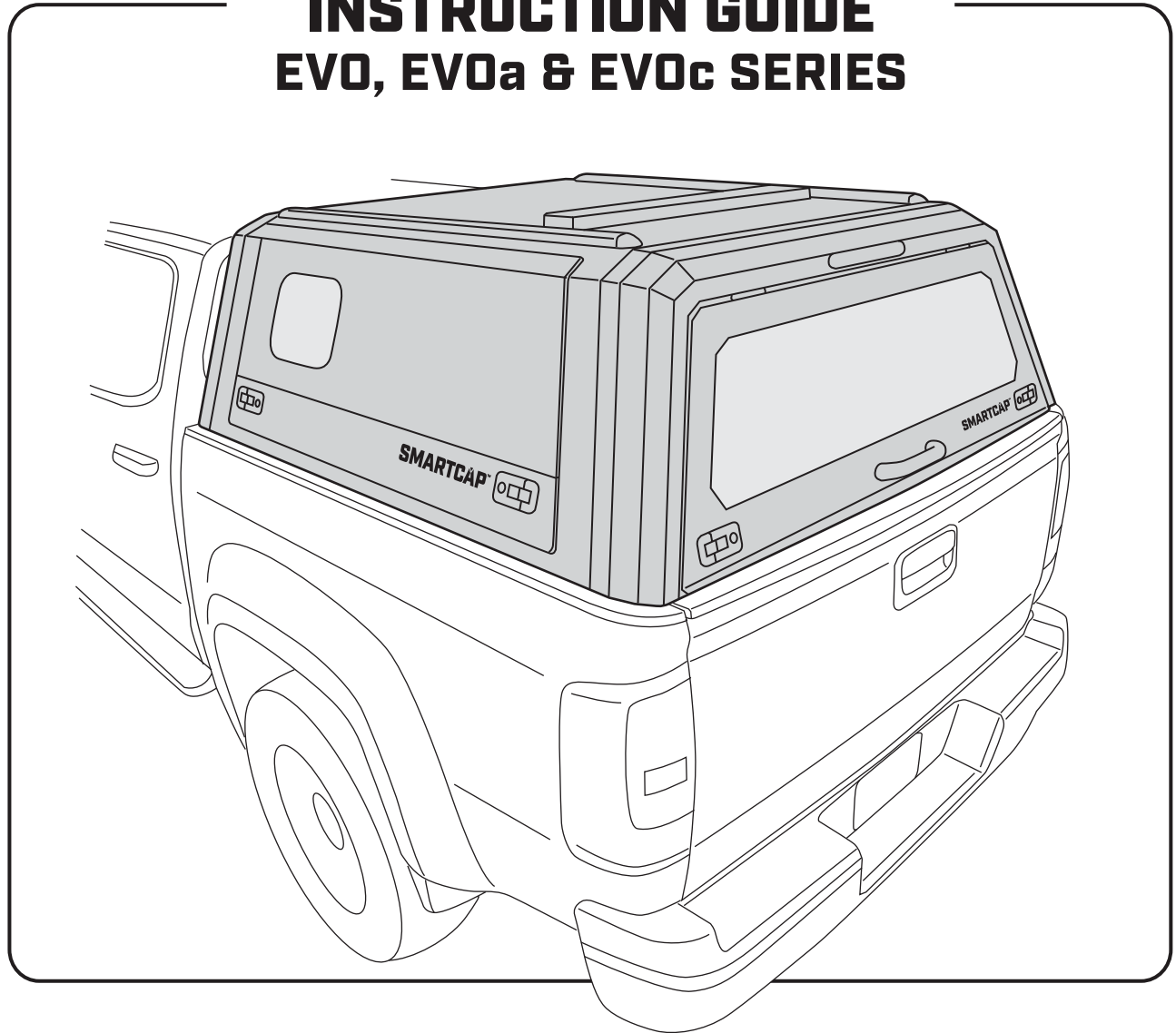


SMARTCAP®

INSTRUCTION GUIDE

EVO, EVOa & EVOc SERIES



- ▼ **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.**

SMARTCAP.COM

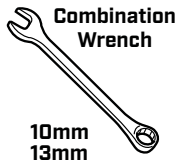
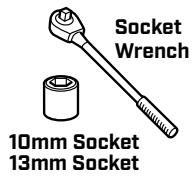
SUPPORT.NA@SMARTCAP.COM - NORTH AMERICA

SUPPORT.SA@SMARTCAP.COM - REST OF WORLD



I-SHEET-ROW-U2

TOOLS REQUIRED



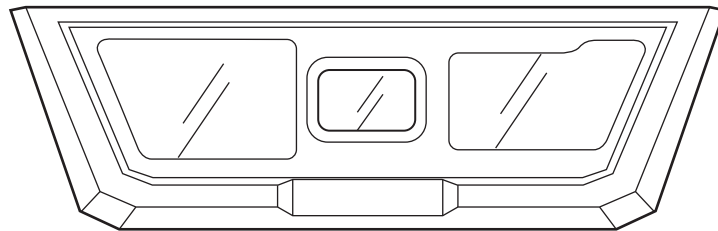
LAND CRUISER ONLY



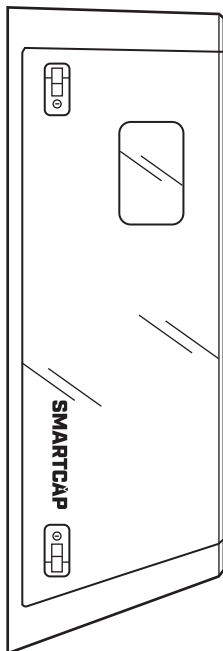
IMPORTANT

- ▶ 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.

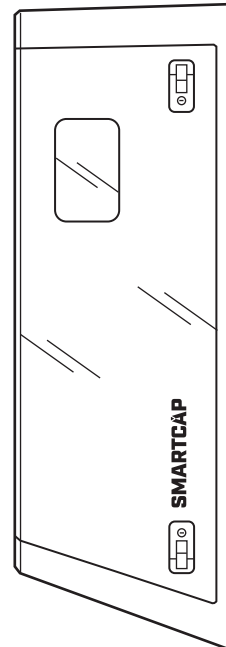
COMPONENTS



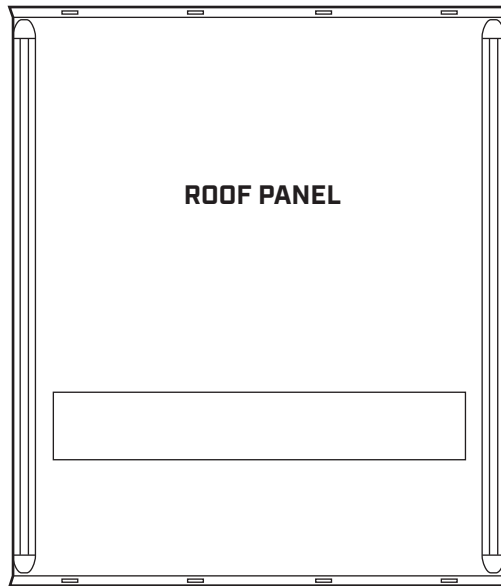
LEFT PANEL



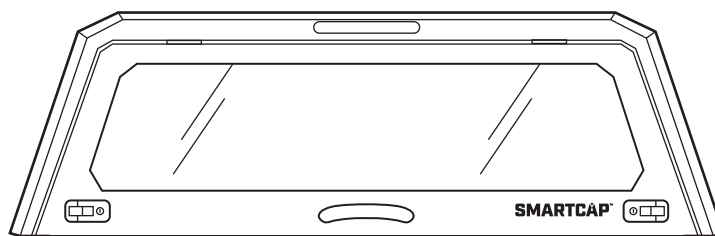
RIGHT PANEL



ROOF PANEL



REAR FLANGE

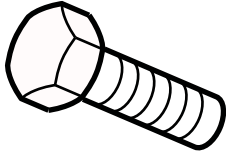


I-SHEET-ROW-U2

ASSEMBLY HARDWARE

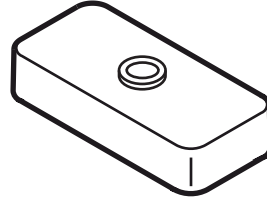
FITMENT KIT

M6 BOLT



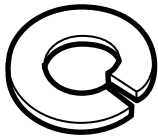
30X

**FASTENER
BLOCK CLAMP**



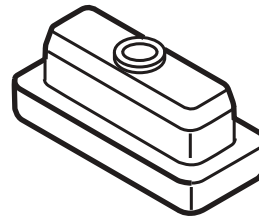
30X

**M6 LOCK
WASHER**



30X

**FASTENER
BLOCK**



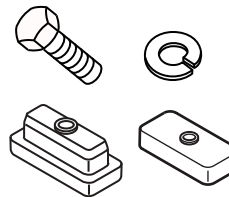
30X

D - RUBBER



1X

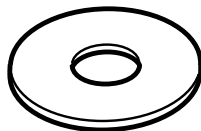
SPARE PARTS



2X

PRE-FASTENED TO ROOF PANEL

**M6
FENDER
WASHER**



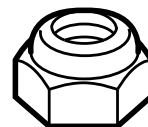
10X

SHORT BED

12X

STANDARD BED

**M6
LOCK
NUT**



10X

SHORT BED

12X

STANDARD BED

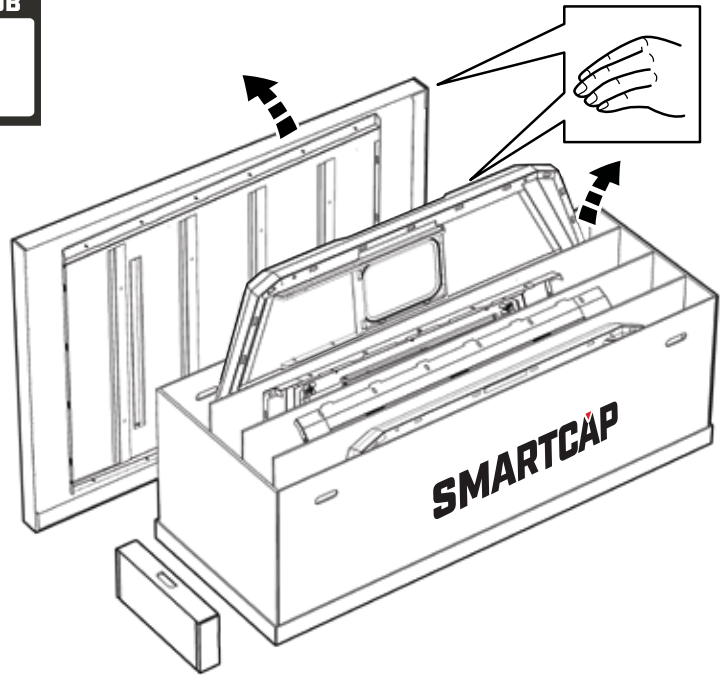
I-SHEET-ROW-U2

STEP 1



IMPORTANT

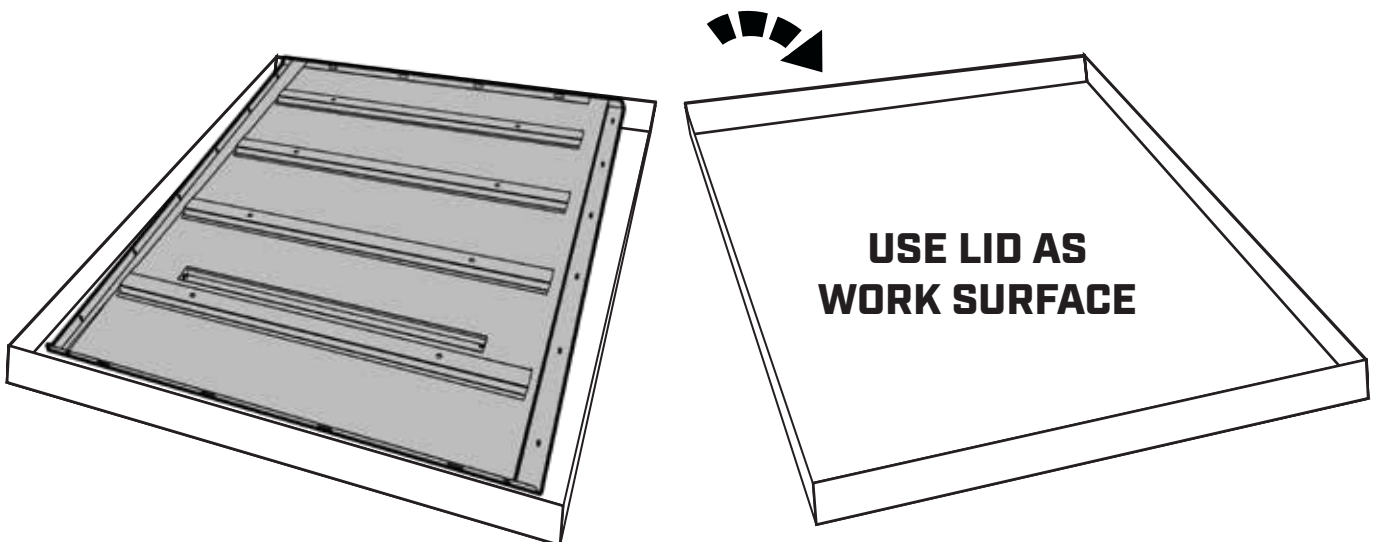
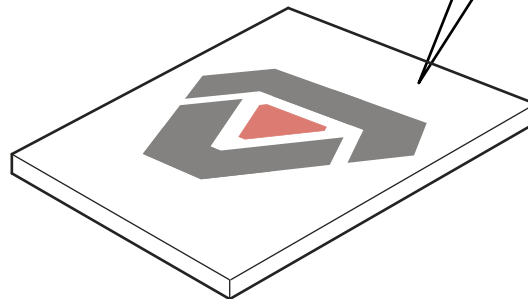
- ▼ BE SURE TO REMOVE ALL FIVE PANELS FROM THEIR PACKAGING AND INSPECT THE PAINTED SURFACES PRIOR TO ASSEMBLY, AS SMARTCAP WILL NOT ACCEPT PAINT DAMAGE WARRANTY CLAIMS AFTER ASSEMBLY IS COMPLETED. IF MANUFACTURING IMPERFECTIONS OR SHIPPING DAMAGES ARE FOUND, DO NOT CONTINUE WITH THE ASSEMBLY PROCESS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



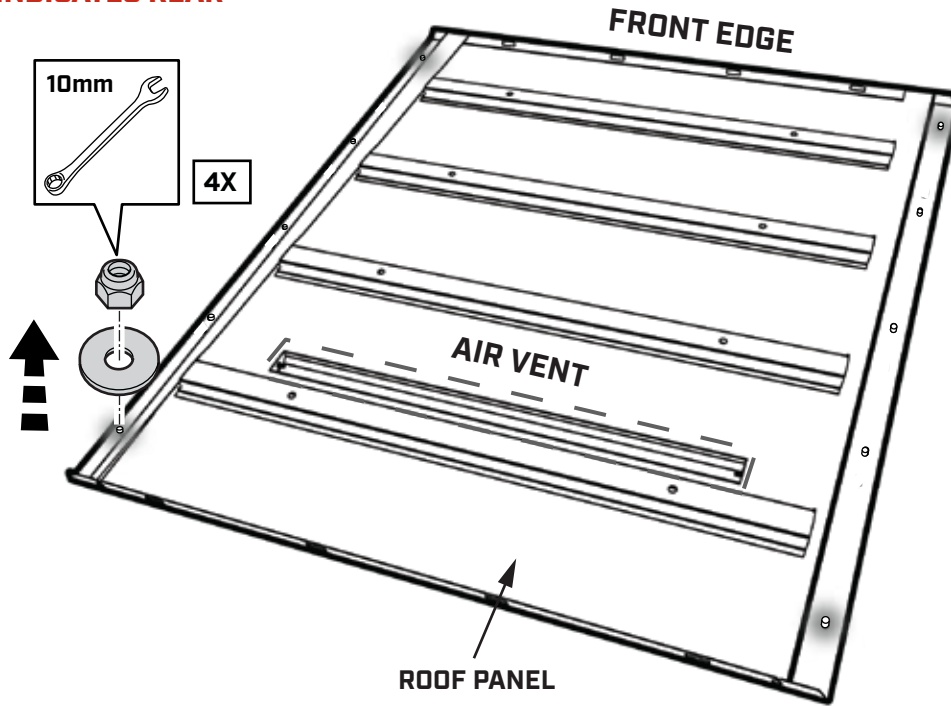
I-SHEET-ROW-U2

STEP 3

USE A 10MM COMBINATION WRENCH TO REMOVE ALL HARDWARE FROM THE ROOF PANEL.

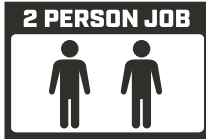


AIR VENT INDICATES REAR

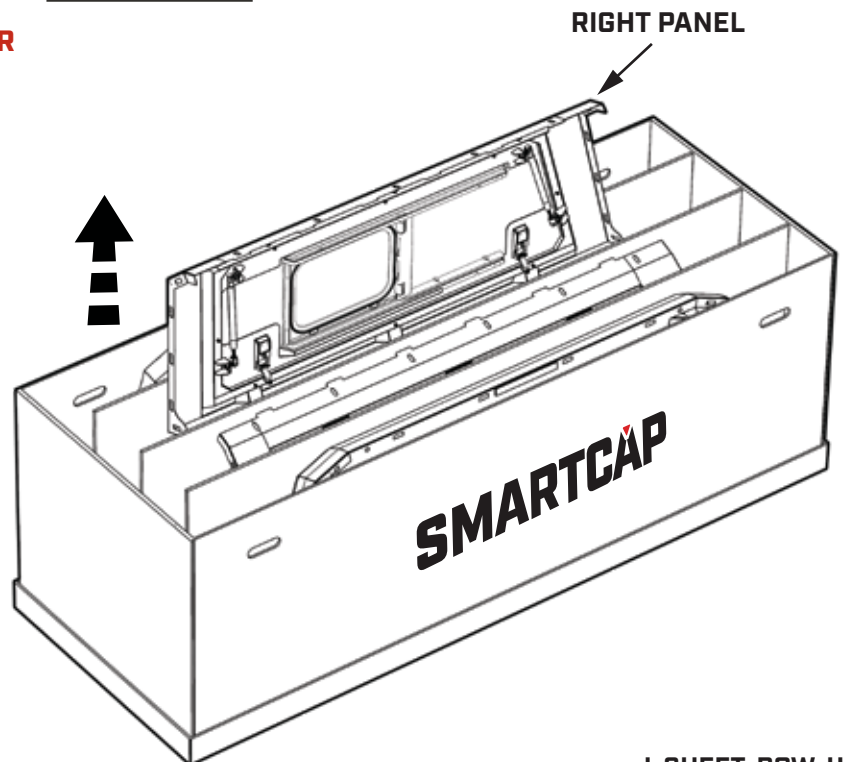
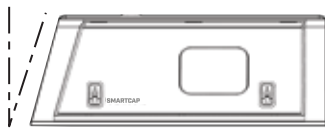


STEP 4

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



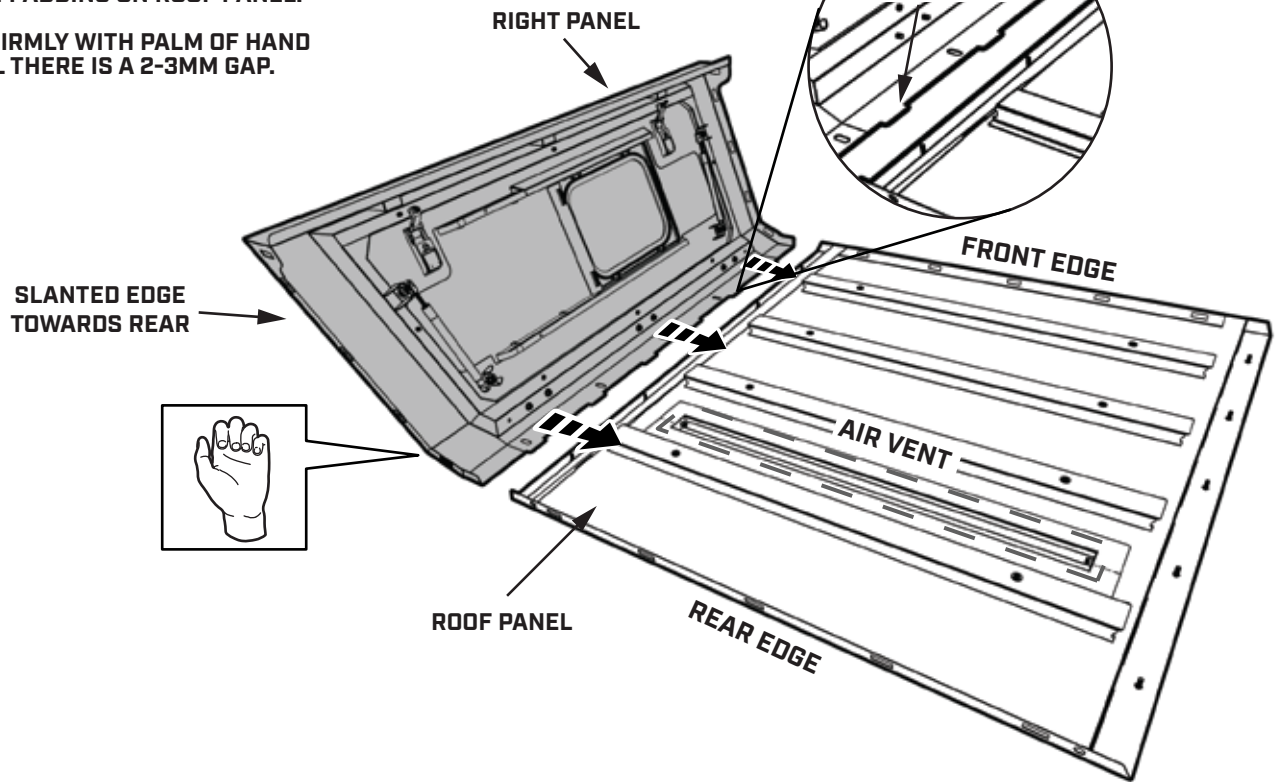
SLANTED EDGE INDICATES REAR



STEP 5

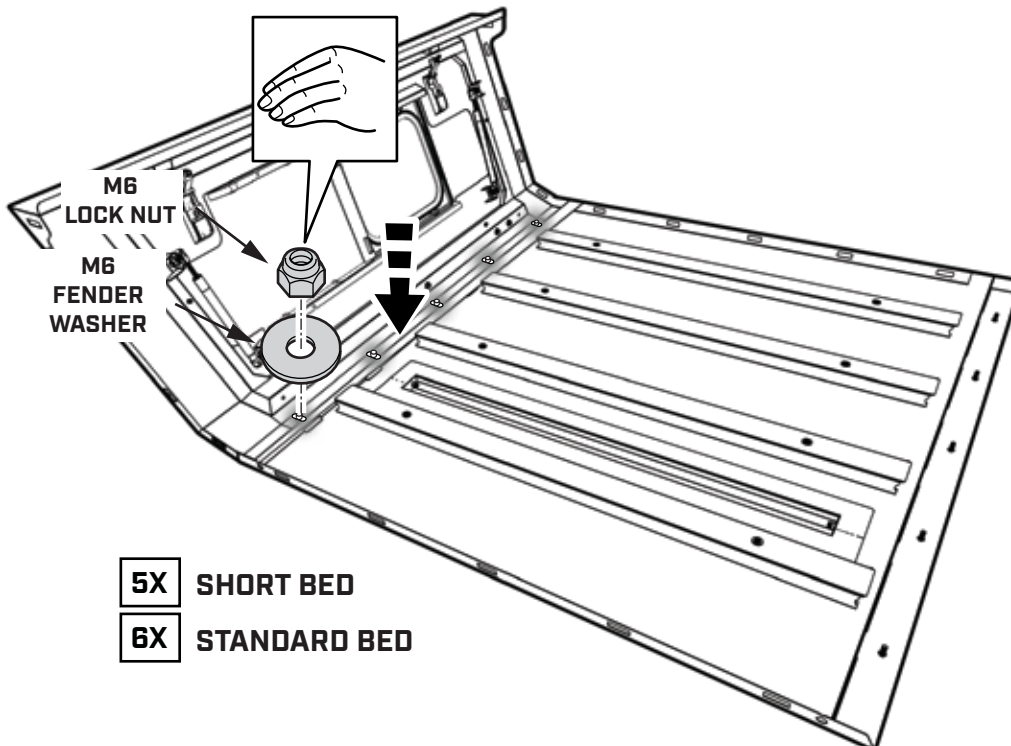
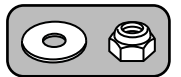
INSERT PANEL TABS INTO NARROW SLOTS JUST ABOVE FOAM PADDING ON ROOF PANEL.

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.



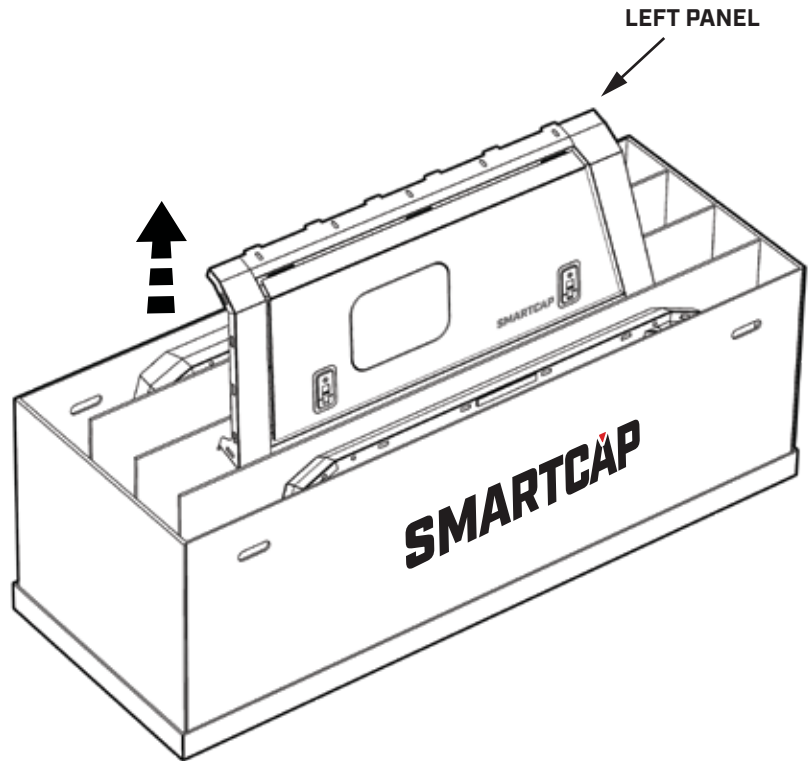
I-SHEET-ROW-U2

STEP 7

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



SLANTED EDGE INDICATES REAR

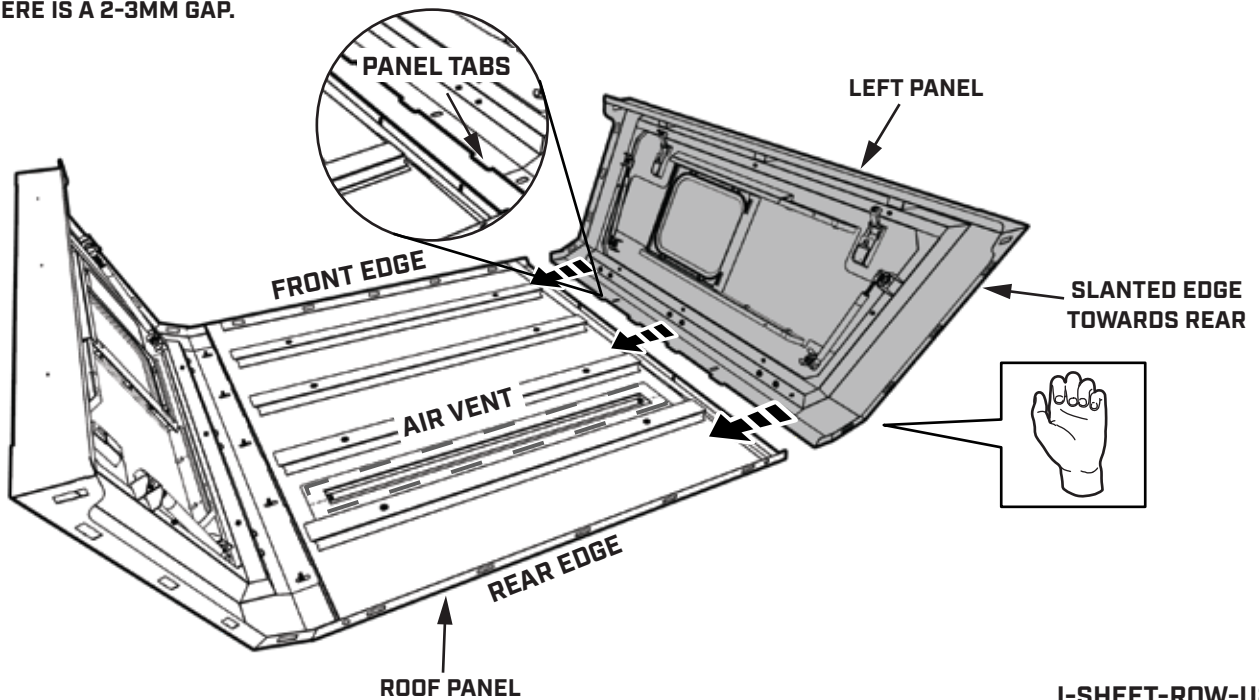


STEP 8

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



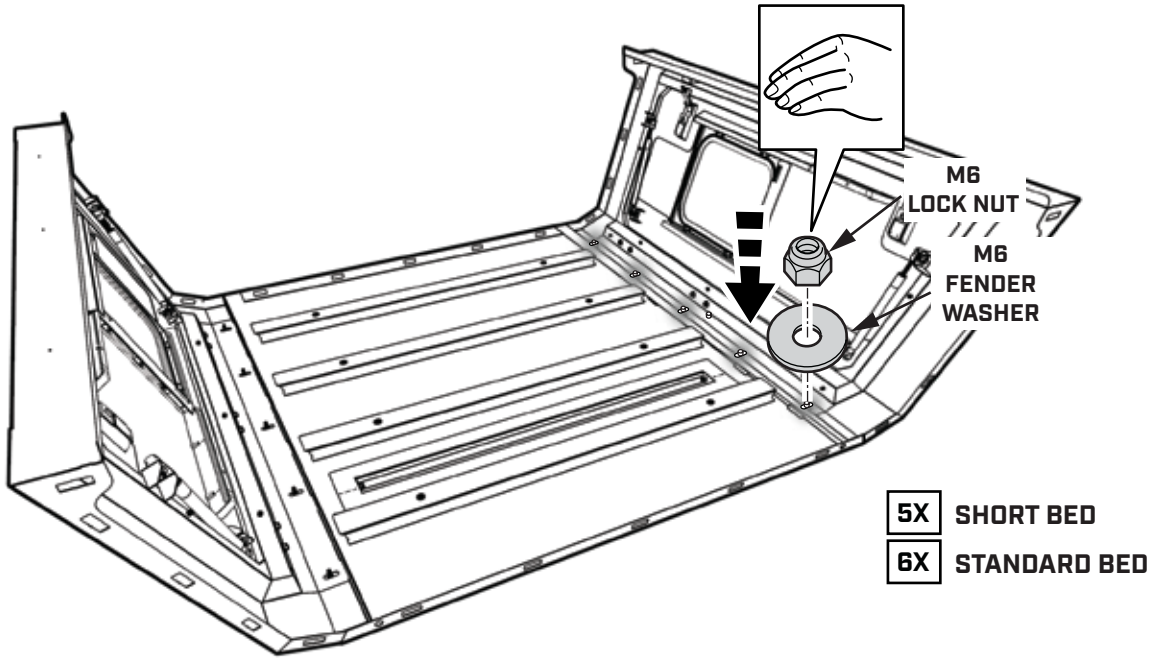
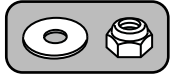
TAP FIRMLY WITH PALM OF HAND UNTIL THERE IS A 2-3MM GAP.



I-SHEET-ROW-U2

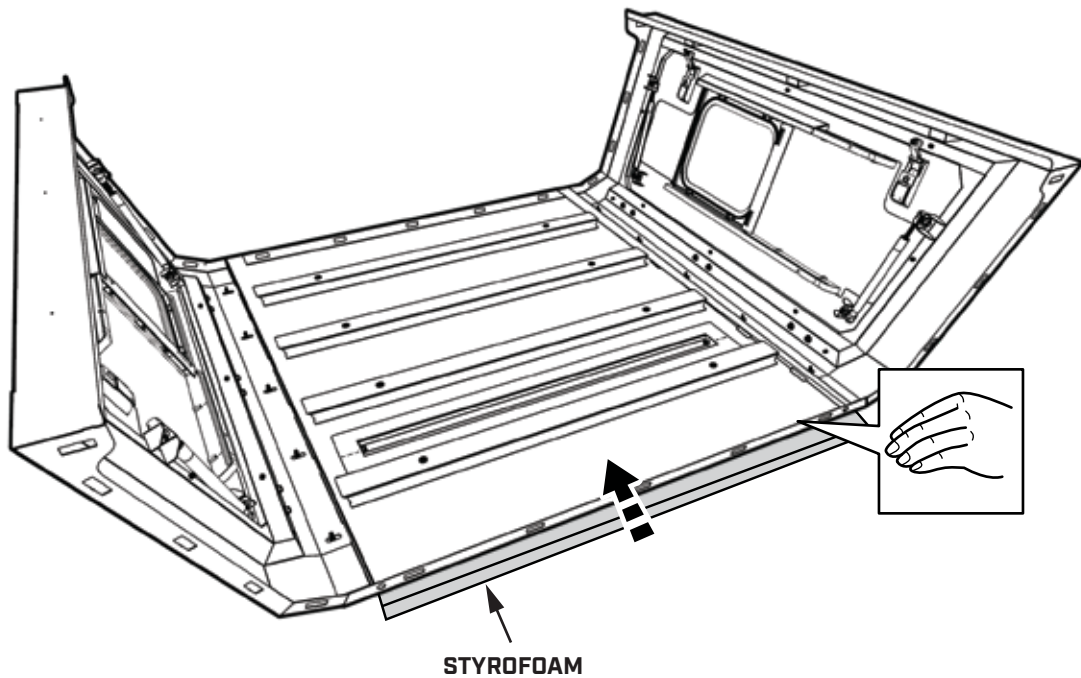
STEP 9

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.

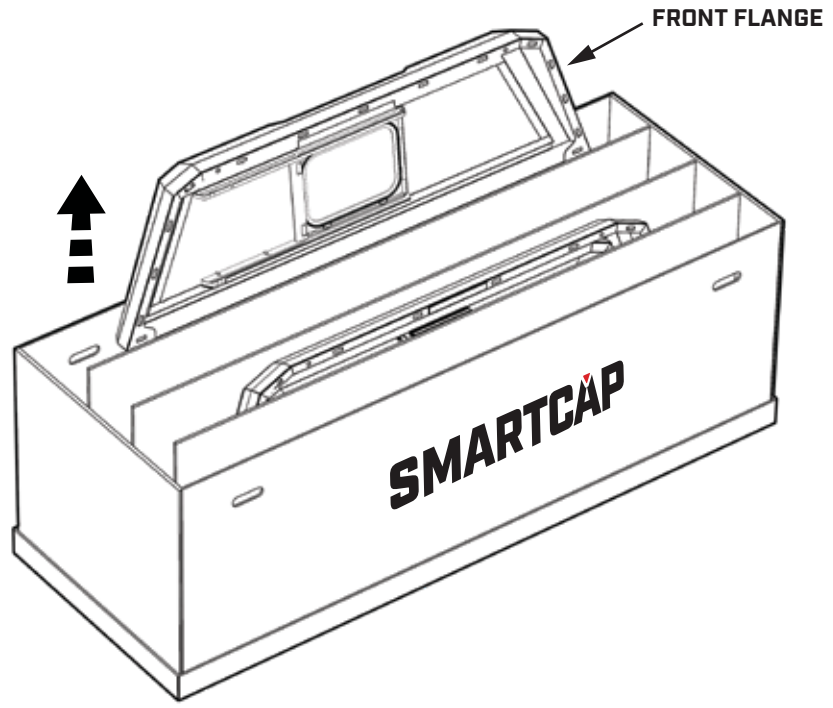
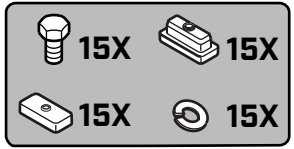
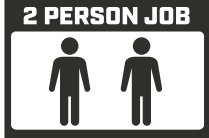


I-SHEET-ROW-U2

STEP 11

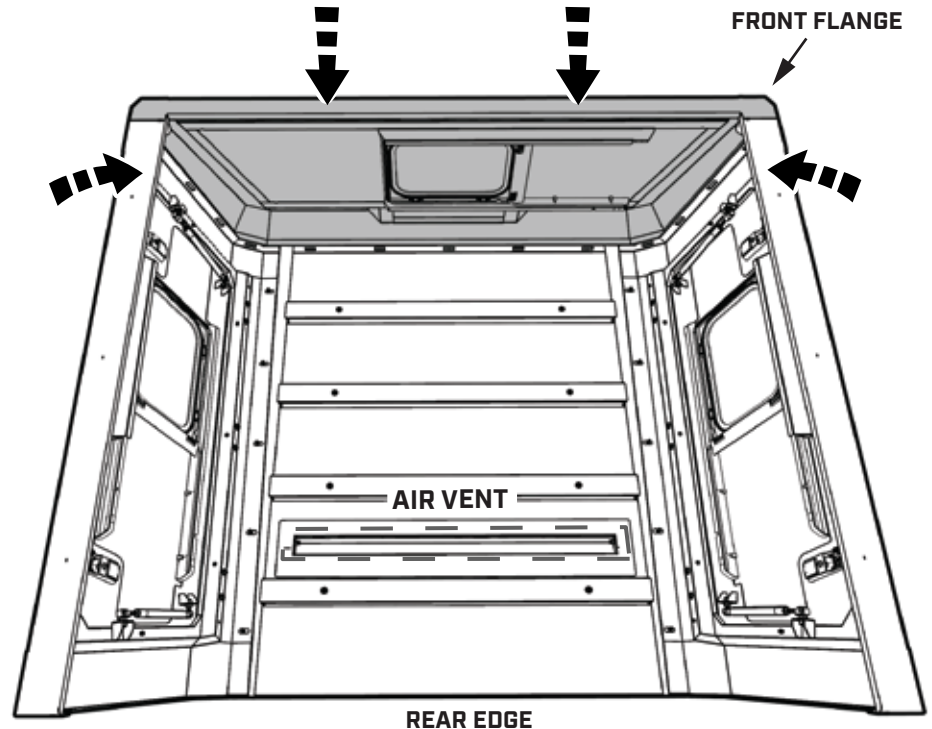
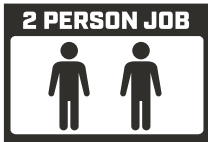
RETRIEVE THE NECESSARY HARDWARE FROM THE FITMENT KIT.

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-ROW-U2

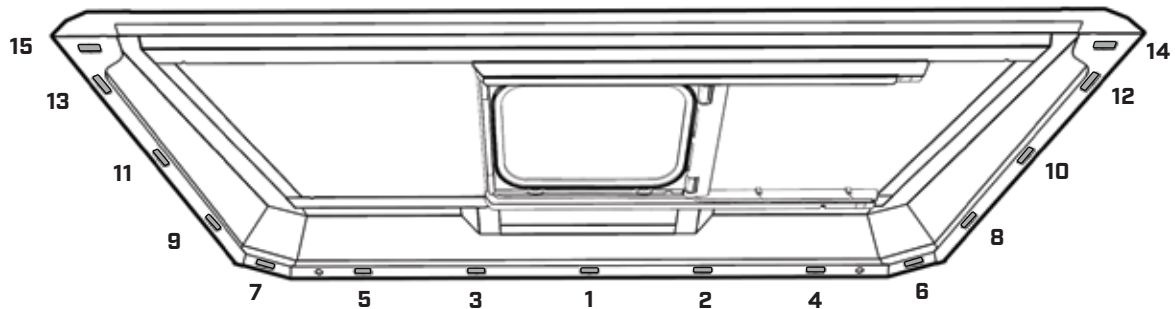
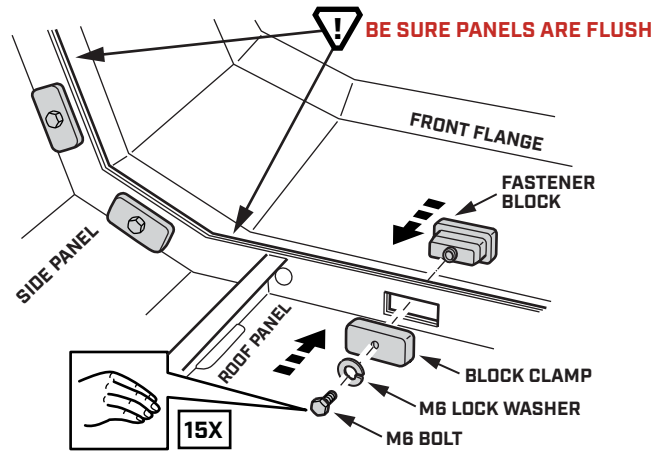
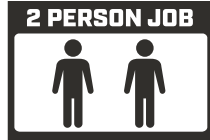
STEP 13

INSTALL HARDWARE ALONG FRONT FLANGE WITH M6 BOLT ON INSIDE.

START WITH ASSEMBLING FASTENER BLOCKS 1-5.

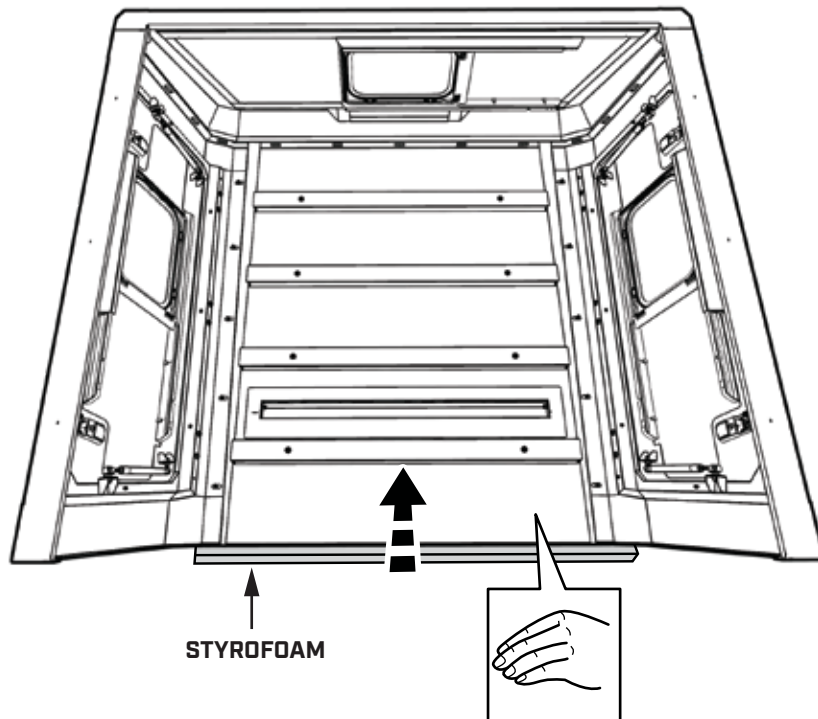
ADJUST LEFT AND RIGHT PANELS TO ALIGN FASTENER BLOCKS 6-15 FOR ASSEMBLY.

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.

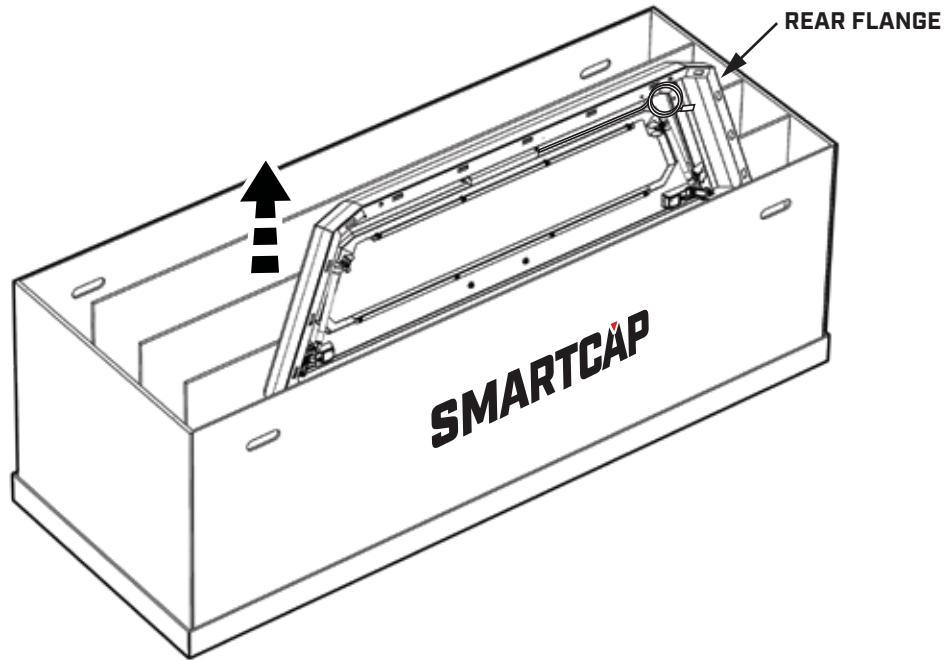
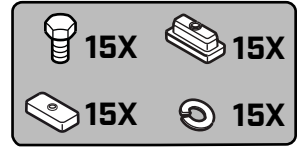


I-SHEET-ROW-U2

STEP 15

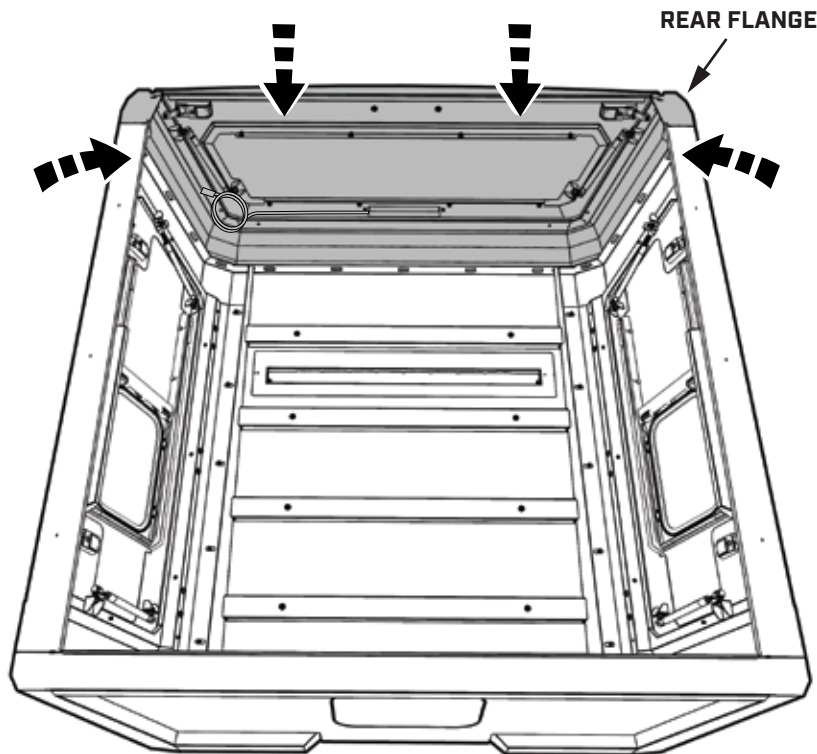
RETRIEVE THE NECESSARY HARDWARE FROM THE FITMENT KIT.

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



STEP 16

PLACE REAR FLANGE AS SHOWN BELOW.



I-SHEET-ROW-U2

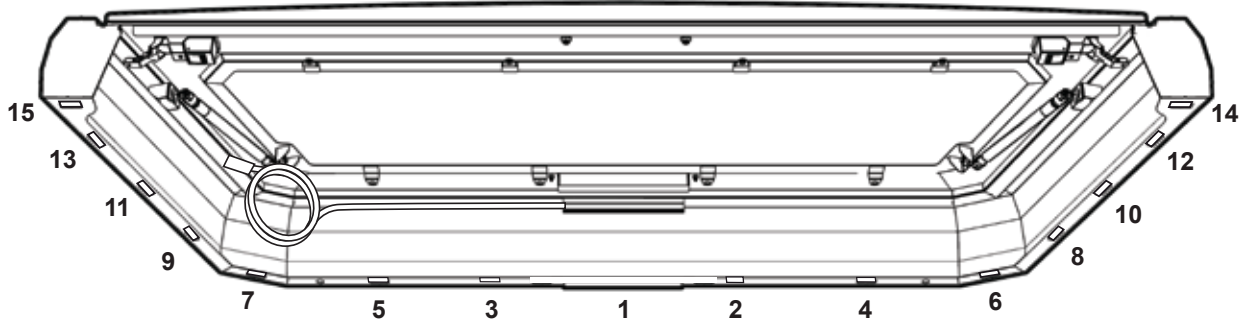
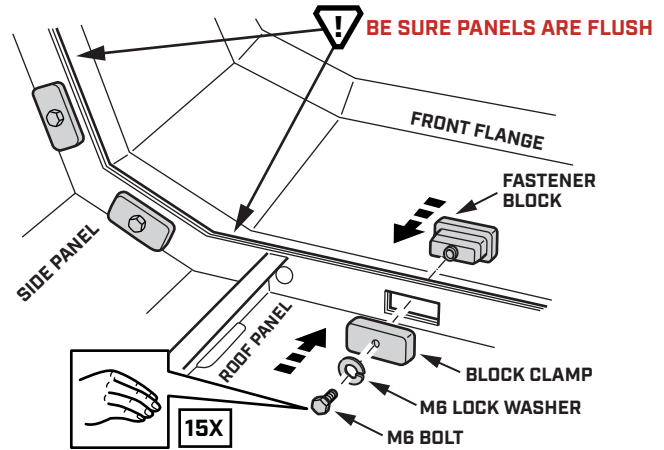
STEP 17

INSTALL HARDWARE ALONG REAR FLANGE WITH BOLT ON INSIDE.

START WITH ASSEMBLING FASTENER BLOCKS 1-5.

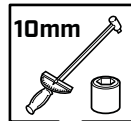
ADJUST LEFT AND RIGHT PANELS TO ALIGN FASTENER BLOCKS 6-15 FOR ASSEMBLY.

HAND TIGHTEN IN THE SEQUENCE SHOWN.

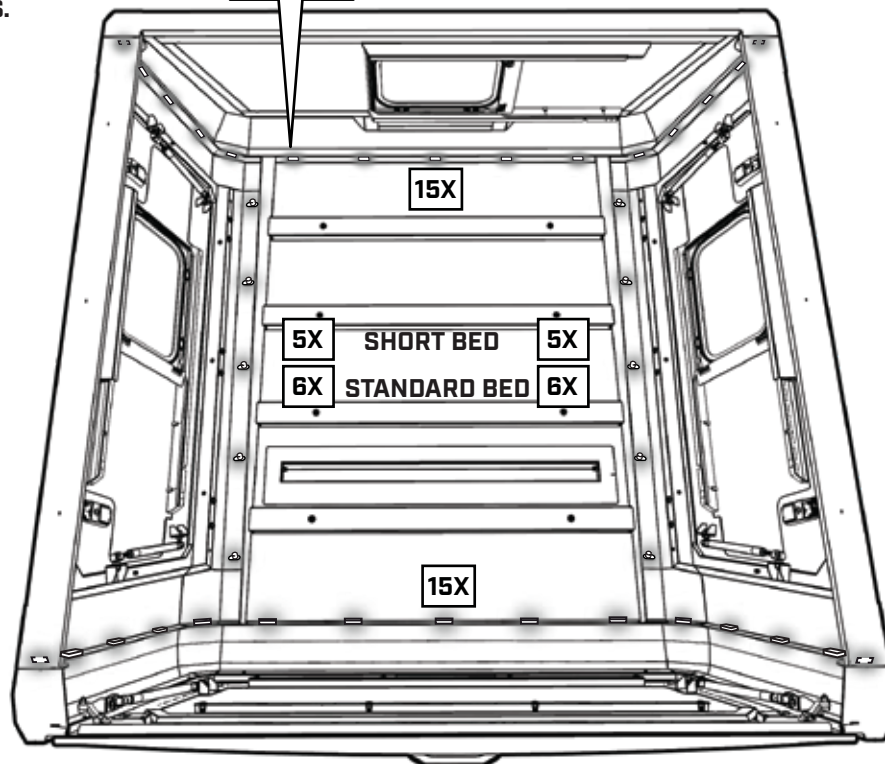


STEP 18

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



[3.7 ft. lbs]/[5 Nm]

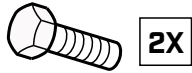


I-SHEET-ROW-U2

INSTALLATION HARDWARE

ISUZU D-MAX

M6 BOLT



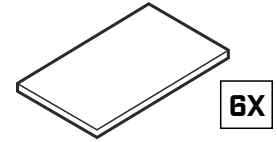
M6 FENDER WASHER



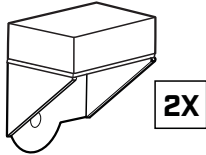
M6 LOCK WASHER



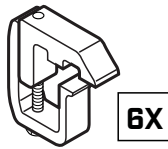
THIN RUBBER PAD



SUPPORT BRACKETS

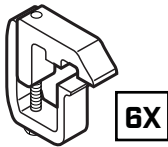


MOUNTING CLAMP

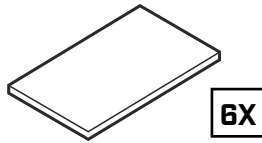


MITSUBISHI TRITON

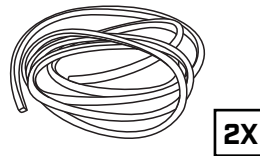
MOUNTING CLAMP



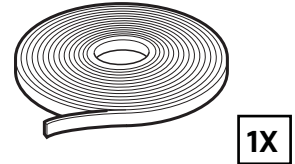
THIN RUBBER PAD



D - RUBBER

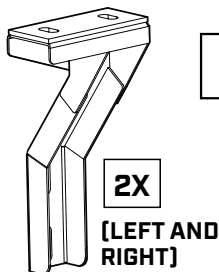


FOAM SEAL TAPE 5MM

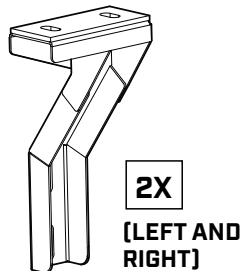


TOYOTA HILUX

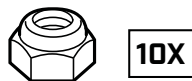
REAR BRACKETS



FRONT BRACKETS



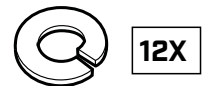
M8 LOCK NUT



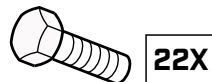
M8 FENDER WASHER



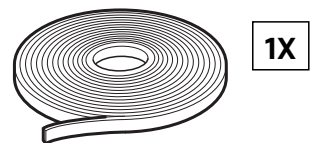
M8 LOCK WASHER



M8 BOLT



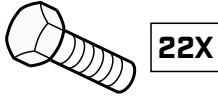
FOAM SEAL TAPE 20MM



INSTALLATION HARDWARE

VW AMAROK

M8 BOLT



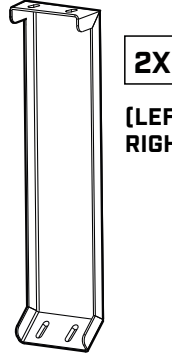
22X

M8 LOCK NUT



10X

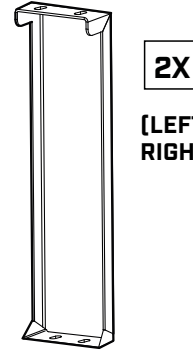
REAR BRACKETS



2X

[LEFT AND RIGHT]

FRONT BRACKETS



2X

[LEFT AND RIGHT]

M8 FENDER WASHER



30X

M8 LOCK WASHER



12X

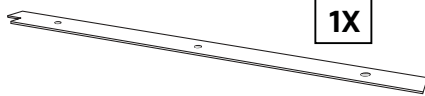
THICK RUBBER PADS



8X

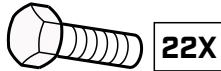
TOYOTA LAND CRUISER

DRILL JIG



1X

M8 BOLT



22X

M8 FENDER WASHER



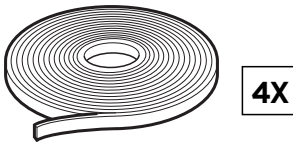
30X

M8 LOCK WASHER



12X

FOAM SEAL TAPE 20MM



4X

M8 LOCK NUT



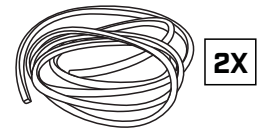
10X

PLASTIC END CAPS



10X

D - RUBBER



2X

VEHICLE INSTALLATION



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.

STEP 19-29

ISUZU D-MAX

STEP 30-39

MITSUBISHI TRITON

STEP 40-56

TOYOTA HILUX

STEP 57-71

VW AMAROK

STEP 72-84

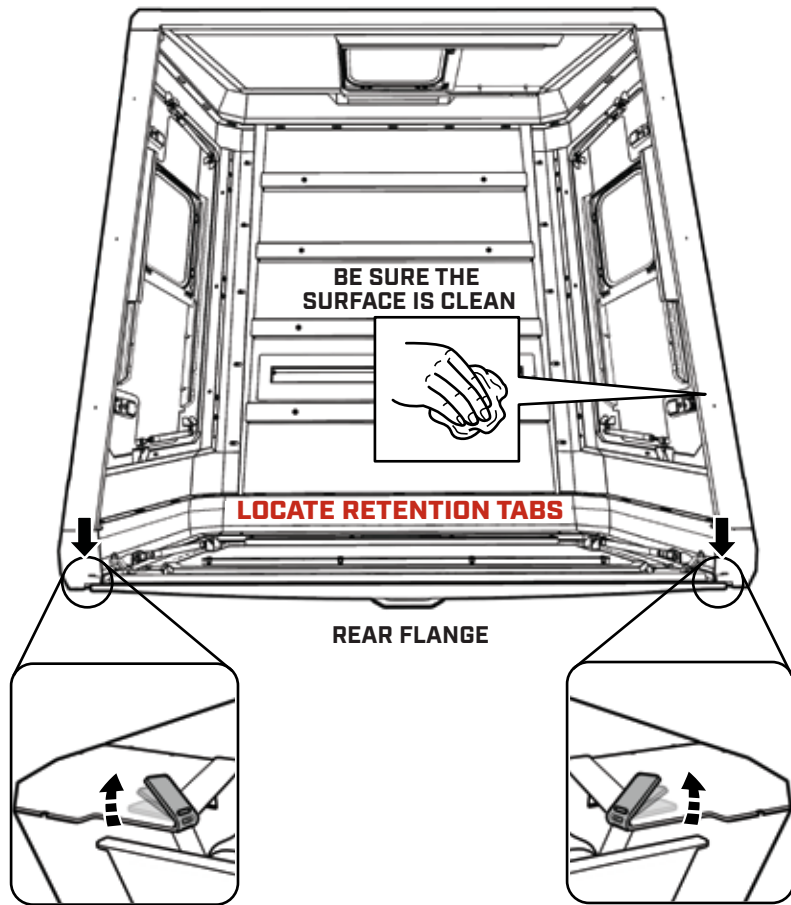
TOYOTA LAND CRUISER

STEP 19

ISUZU D-MAX

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.

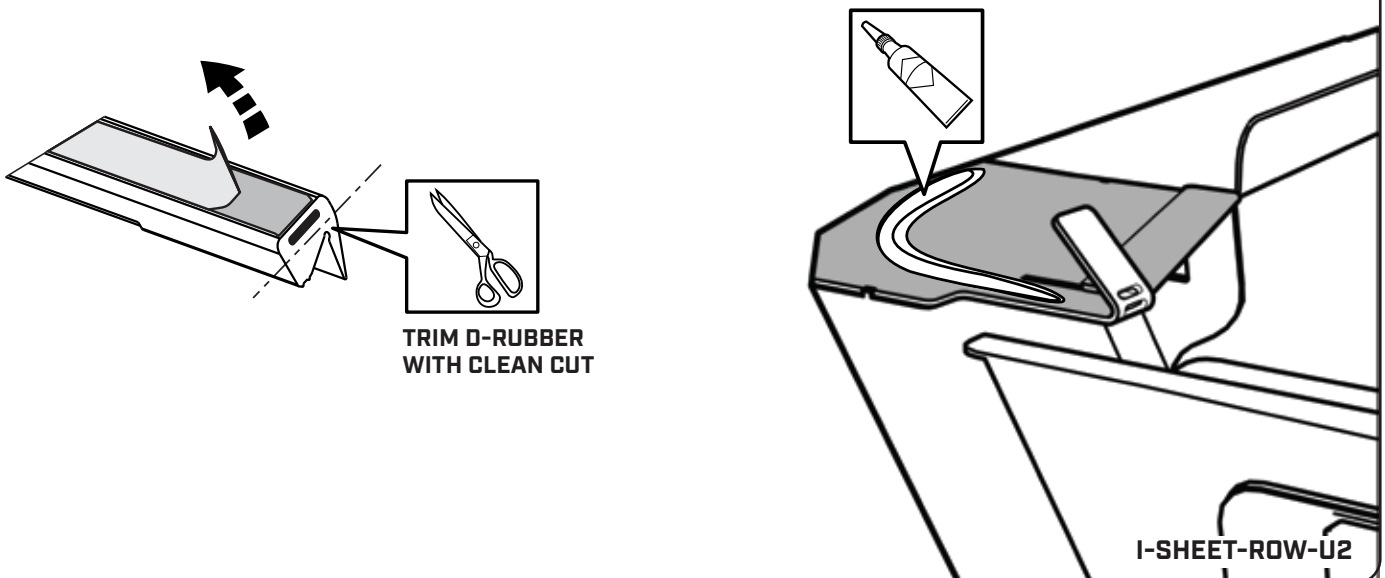
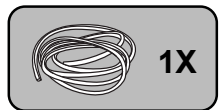


STEP 20

ISUZU D-MAX

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

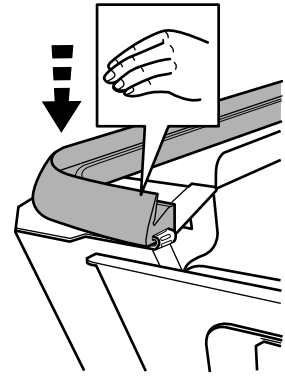
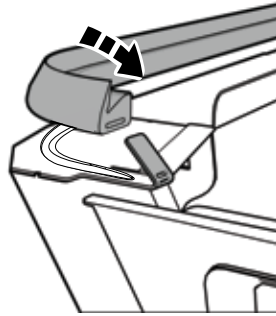


STEP 21

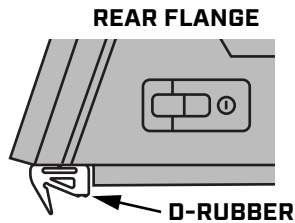
ISUZU D-MAX

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.

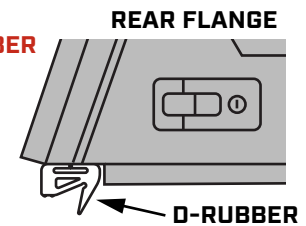
PRESS DOWN FIRMLY ON THE TAB AND THE D-RUBBER TO BOND IT TO THE REAR FLANGE, CREATING A TIGHT SEAL.



CORRECT D-RUBBER ORIENTATION



INCORRECT D-RUBBER ORIENTATION



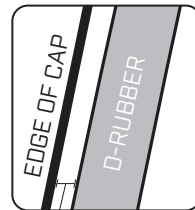
STEP 22

ISUZU D-MAX

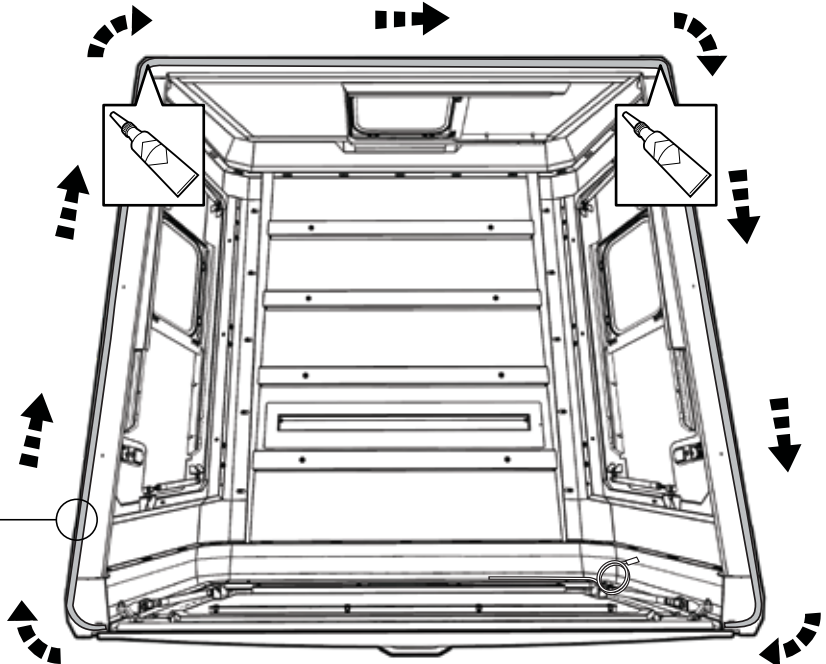
ALIGN THE D-RUBBER ALONG THE SMARTCAP'S EDGE, MAINTAINING A CONSISTENT 1/8 INCH GAP FROM THE EDGE.

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

REINFORCE CORNERS WITH SUPER GLUE.



1/8 INCH FROM EDGE



STEP 23

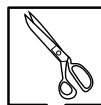
VERSION A

ISUZU D-MAX

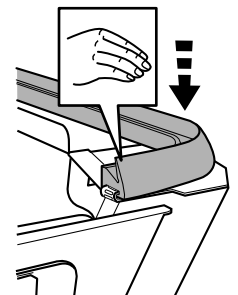
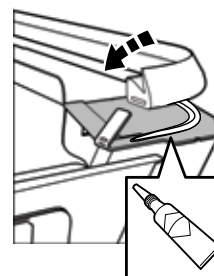
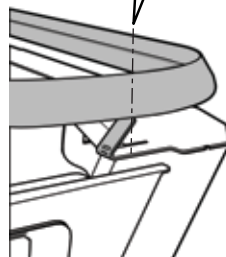
TRIM ANY EXCESS D-RUBBER BEYOND THE EDGE FOR A NEAT FINISH.

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



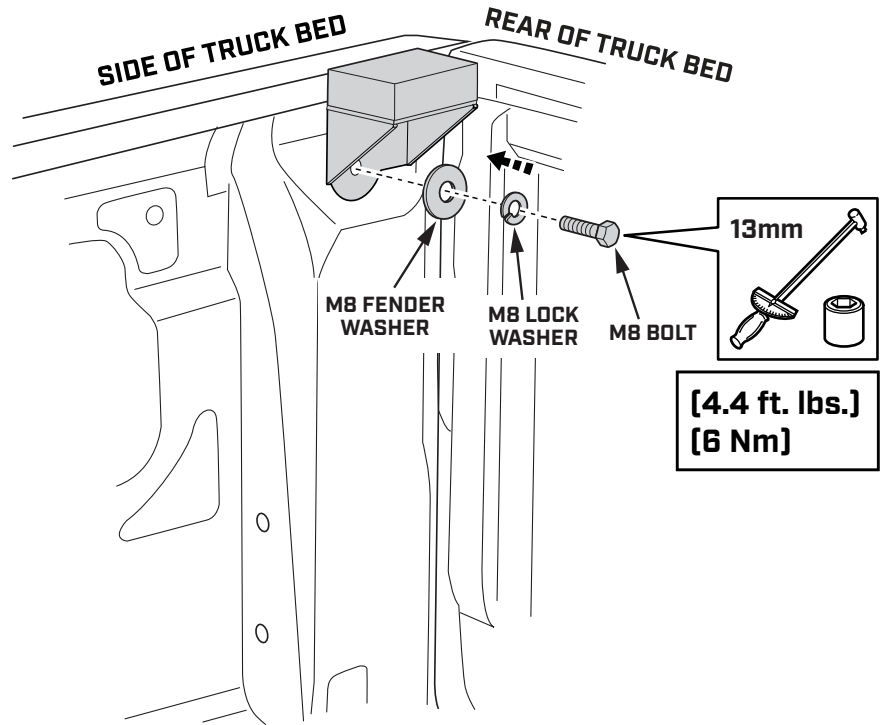
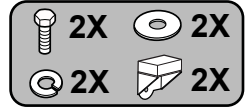
I-SHEET-ROW-U2

STEP 24

ISUZU D-MAX

REMOVE THE REAR HARDWARE FROM THE INNER WALL OF THE TRUCK BED.

TIGHTEN BOTH REAR MOUNTING BRACKETS TO TRUCK BED USING A TORQUE WRENCH TO 4.4 FT. LBS. [6NM] WITH M8 BOLT, M8 LOCK WASHER AND M8 FENDER WASHER AS SHOWN.



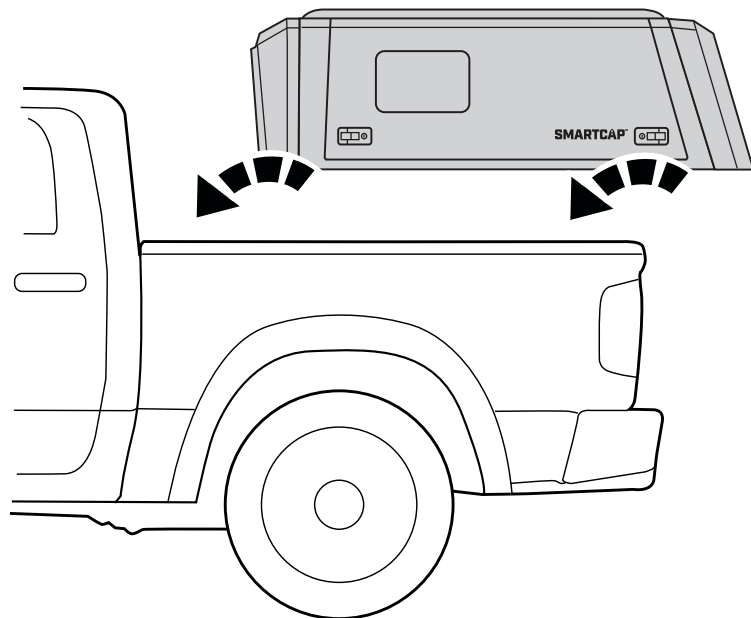
STEP 25

ISUZU D-MAX

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



I-SHEET-ROW-U2

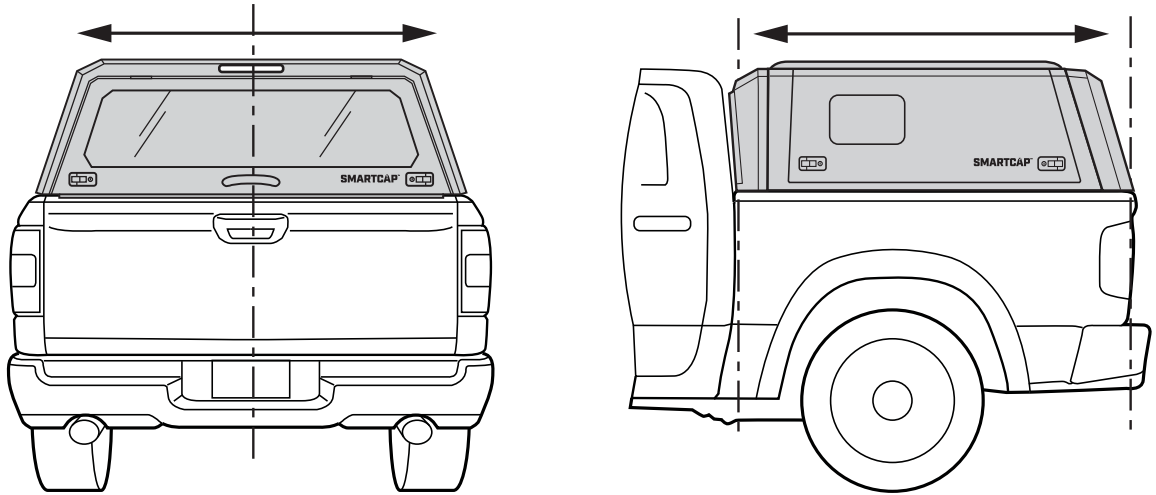
STEP 26

ISUZU D-MAX

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.



STEP 27

ISUZU D-MAX

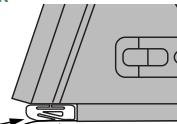
WALK AROUND THE TRUCK BED TO MAKE SURE THE D-RUBBER FITMENT IS CORRECT AND THAT THE RUBBER LIP IS PROPERLY TUCKED UNDERNEATH THE CAP.

CORRECT D-RUBBER ORIENTATION



D-RUBBER

REAR FLANGE



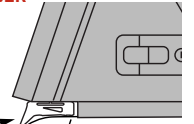
TAILGATE

INCORRECT D-RUBBER ORIENTATION

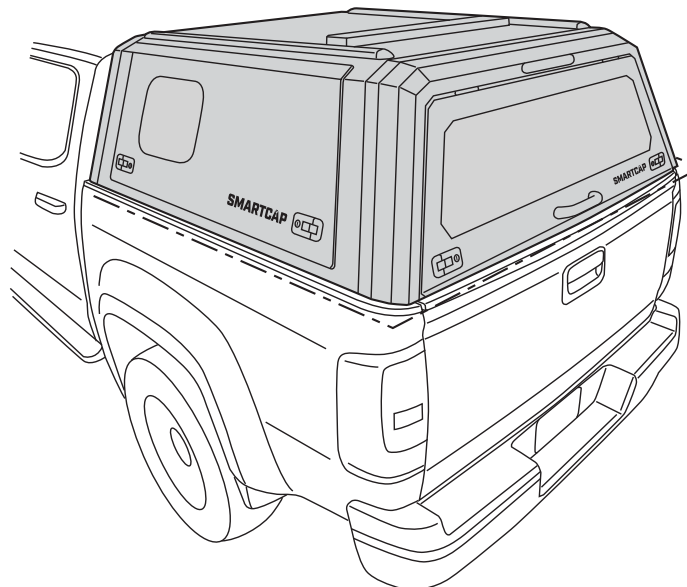


D-RUBBER

REAR FLANGE

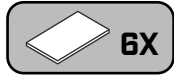


TAILGATE



I-SHEET-ROW-U2

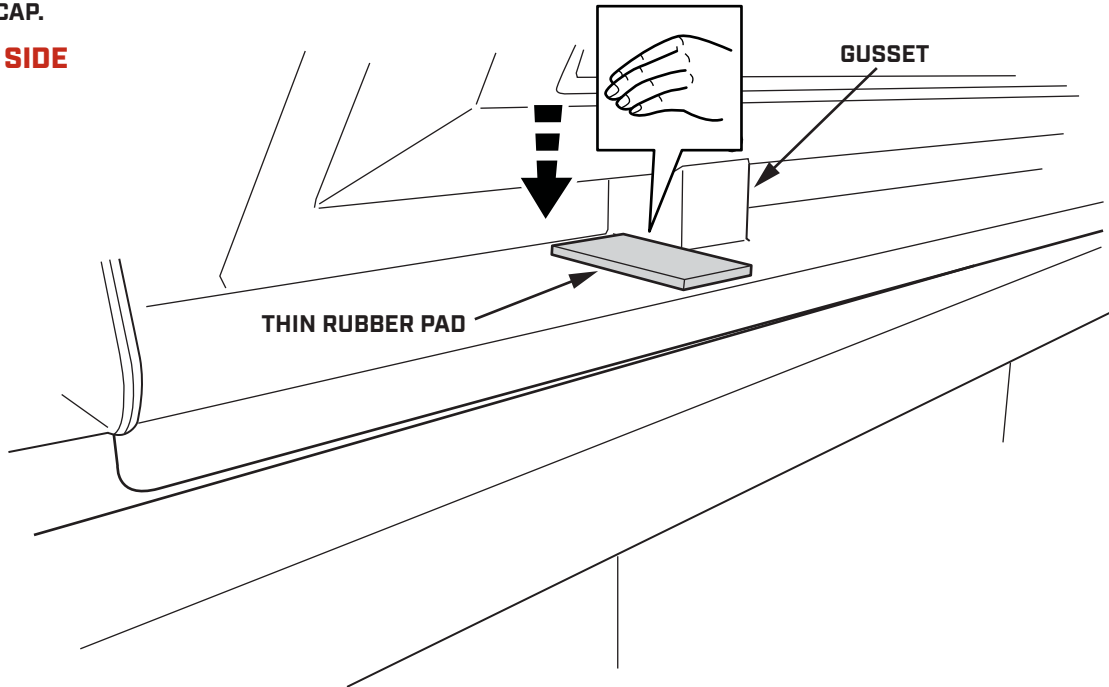
STEP 28



ISUZU D-MAX

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



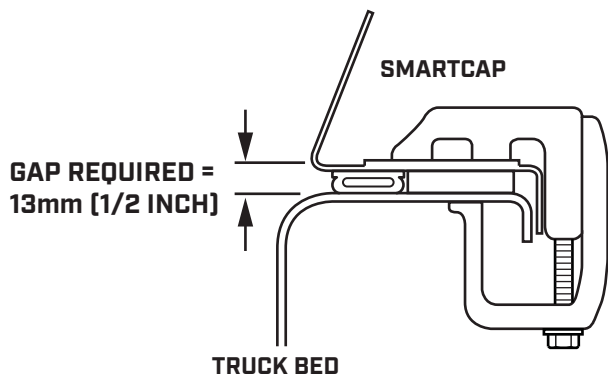
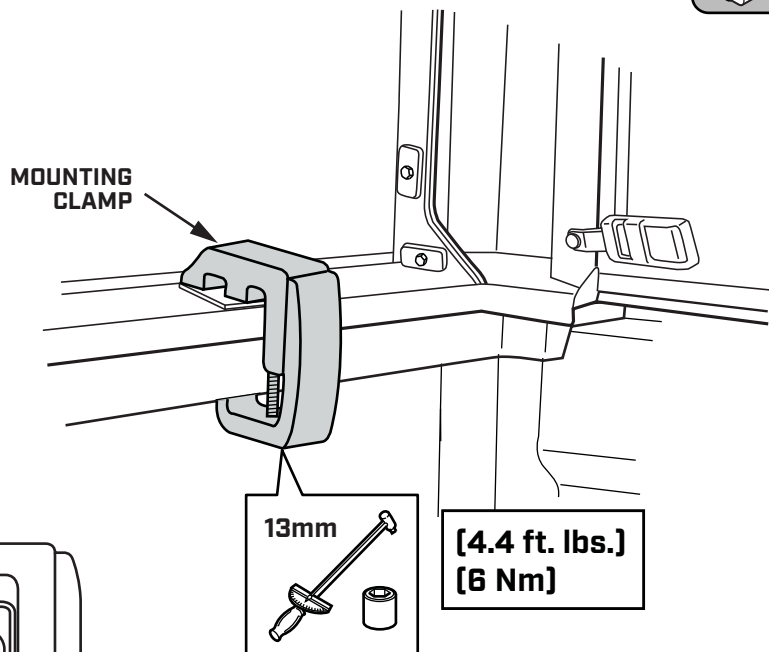
STEP 29



ISUZU D-MAX

ONCE ALL PADS ARE IN PLACE, INSTALL MOUNTING CLAMPS ON TOP OF THIN RUBBER PADS USING TORQUE WRENCH AND 13MM SOCKET. TIGHTEN CLAMPS TO 4.4 FT. LBS. [6 NEWTON METERS]

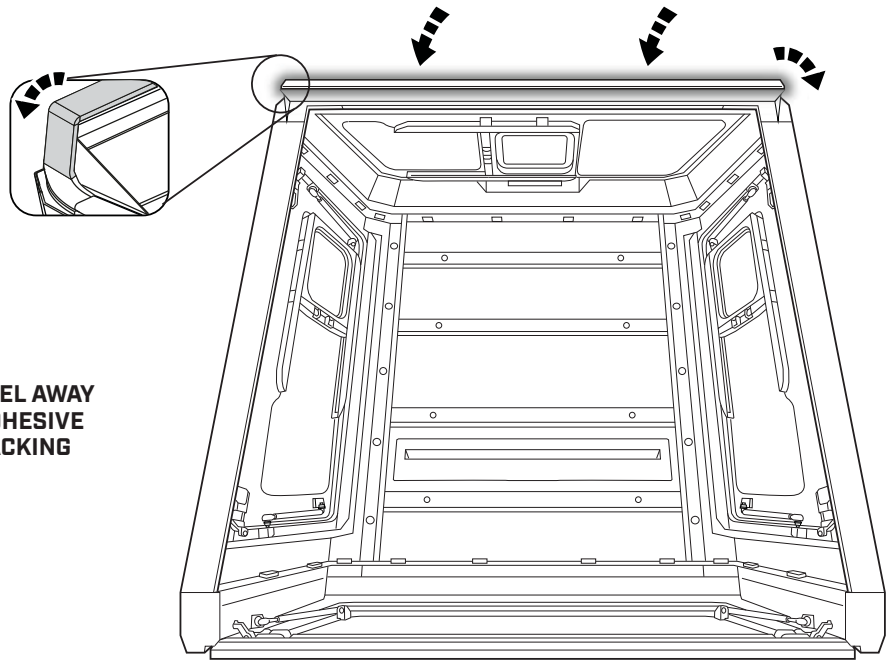
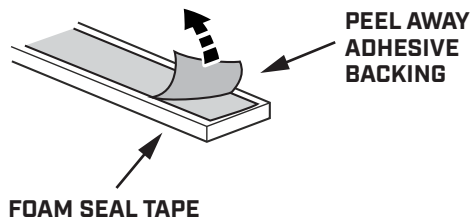
3 CLAMPS PER SIDE



STEP 30

MITSUBISHI TRITON

APPLY FOAM SEAL TAPE TO FRONT EDGE OF THE SMARTCAP.

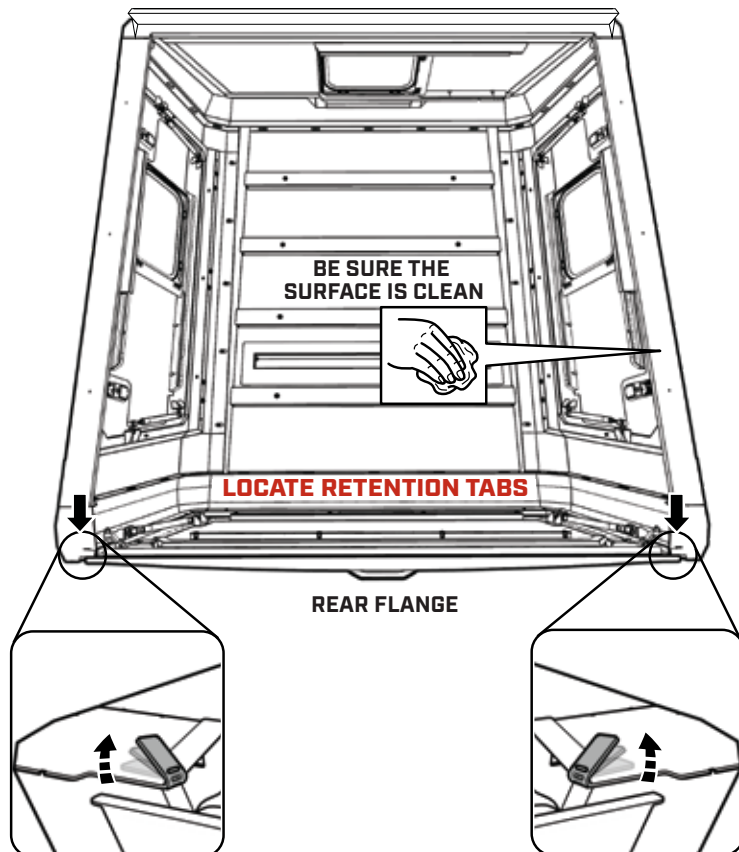


STEP 31

MITSUBISHI TRITON

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.



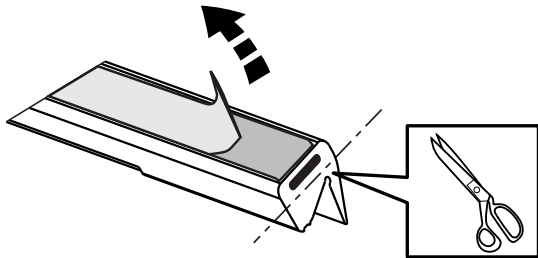
I-SHEET-ROW-U2

STEP 32

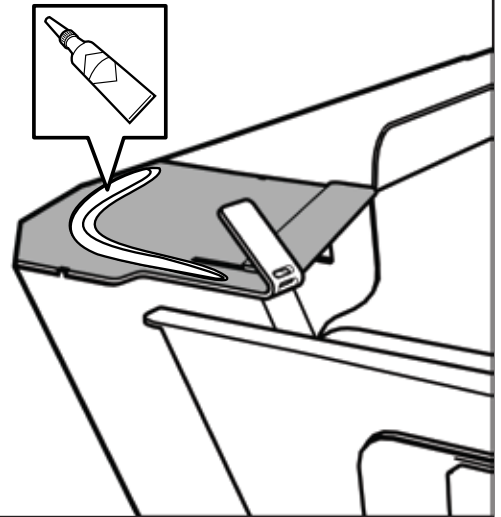
MITSUBISHI TRITON

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



TRIM D-RUBBER WITH CLEAN CUT

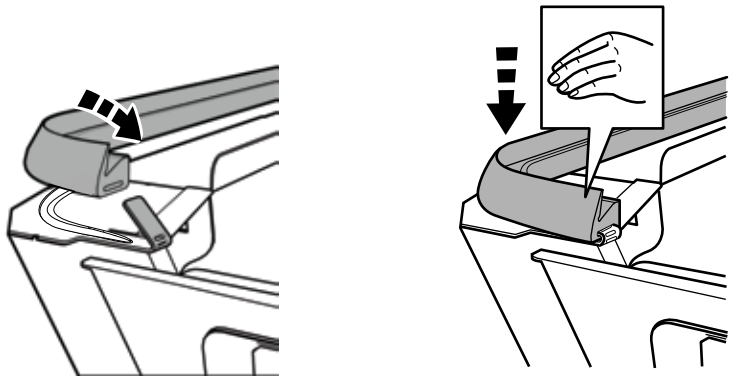


STEP 33

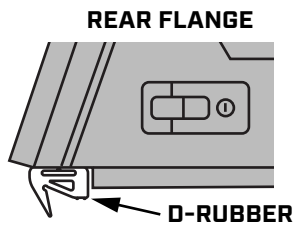
MITSUBISHI TRITON

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.

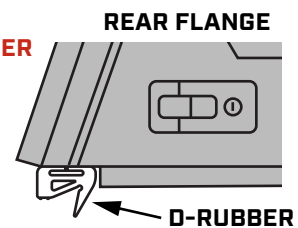
PRESS DOWN FIRMLY ON THE TAB AND THE D-RUBBER TO BOND IT TO THE REAR FLANGE, CREATING A TIGHT SEAL.



CORRECT D-RUBBER ORIENTATION



INCORRECT D-RUBBER ORIENTATION



STEP 34

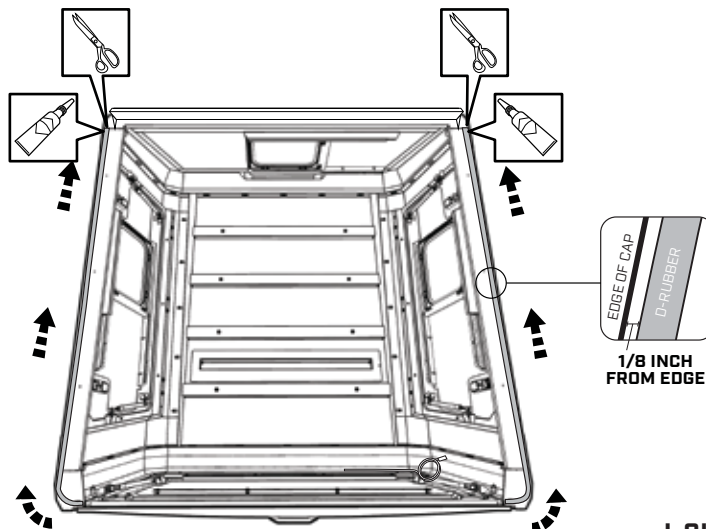
MITSUBISHI TRITON

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.

REPEAT PROCESS FOR OPPOSITE SIDE.

REINFORCE CORNERS WITH SUPER GLUE.



I-SHEET-ROW-U2

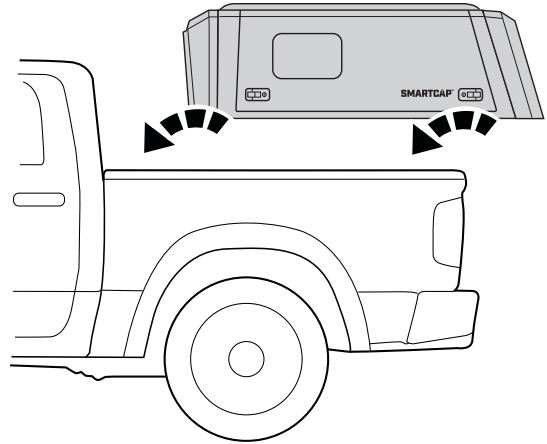
STEP 35

MITSUBISHI TRITON

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.



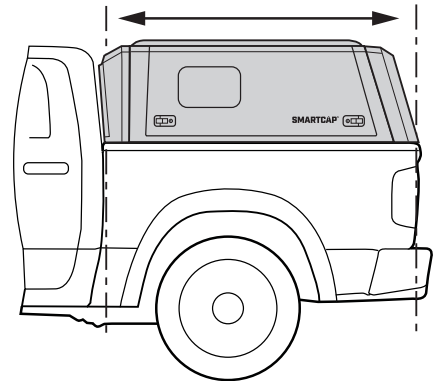
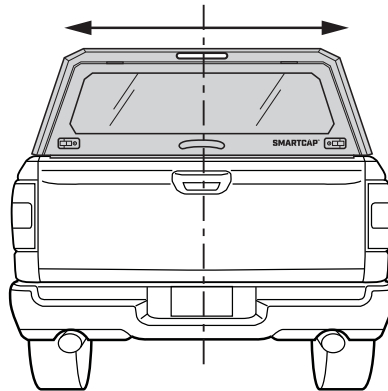
STEP 36

MITSUBISHI TRITON

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



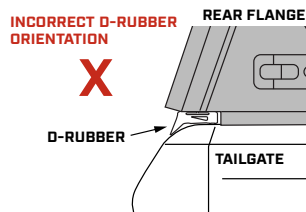
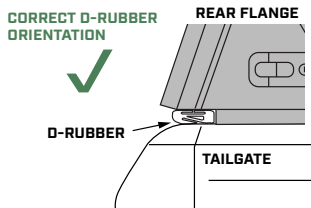
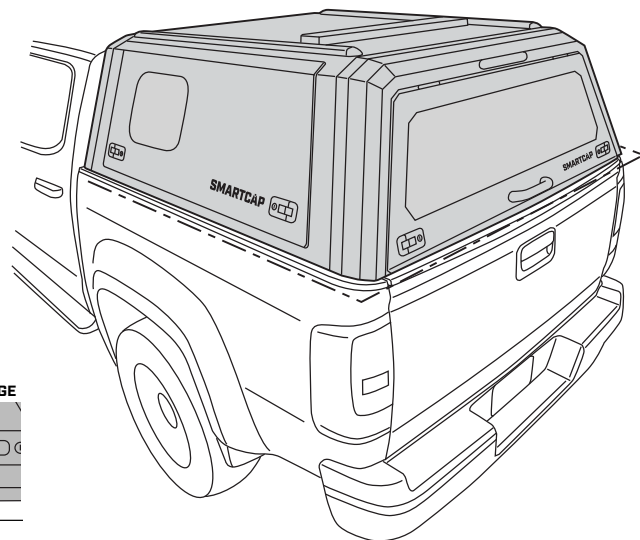
IT'S IMPORTANT THAT THE SMARTCAP IS NOT PUSHED TOO FAR FORWARD, LEAVING A GAP BETWEEN THE SMARTCAP AND THE CAB.



STEP 37

MITSUBISHI TRITON

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.



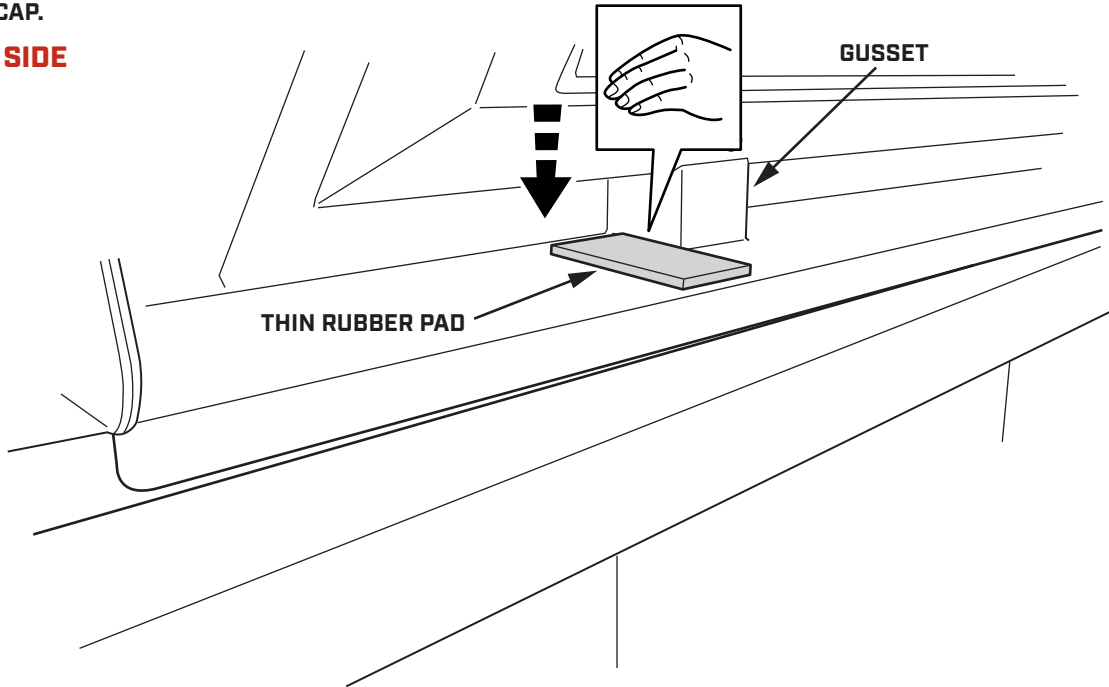
I-SHEET-ROW-U2

STEP 38

MITSUBISHI TRITON

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

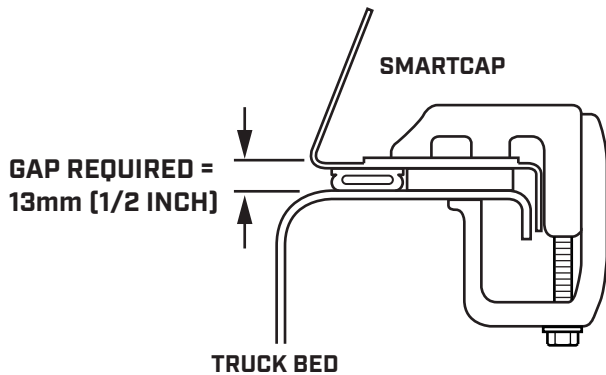
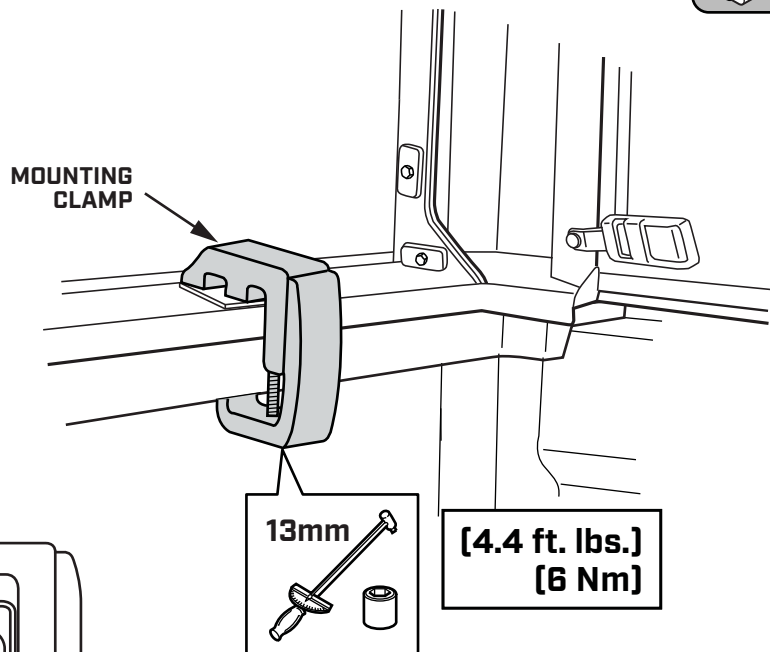


STEP 39

MITSUBISHI TRITON

ONCE ALL PADS ARE IN PLACE, INSTALL MOUNTING CLAMPS ON TOP OF THIN RUBBER PADS USING TORQUE WRENCH AND 13MM SOCKET. TIGHTEN CLAMPS TO 4.4 FT. LBS. [6 NEWTON METERS]

3 CLAMPS PER SIDE



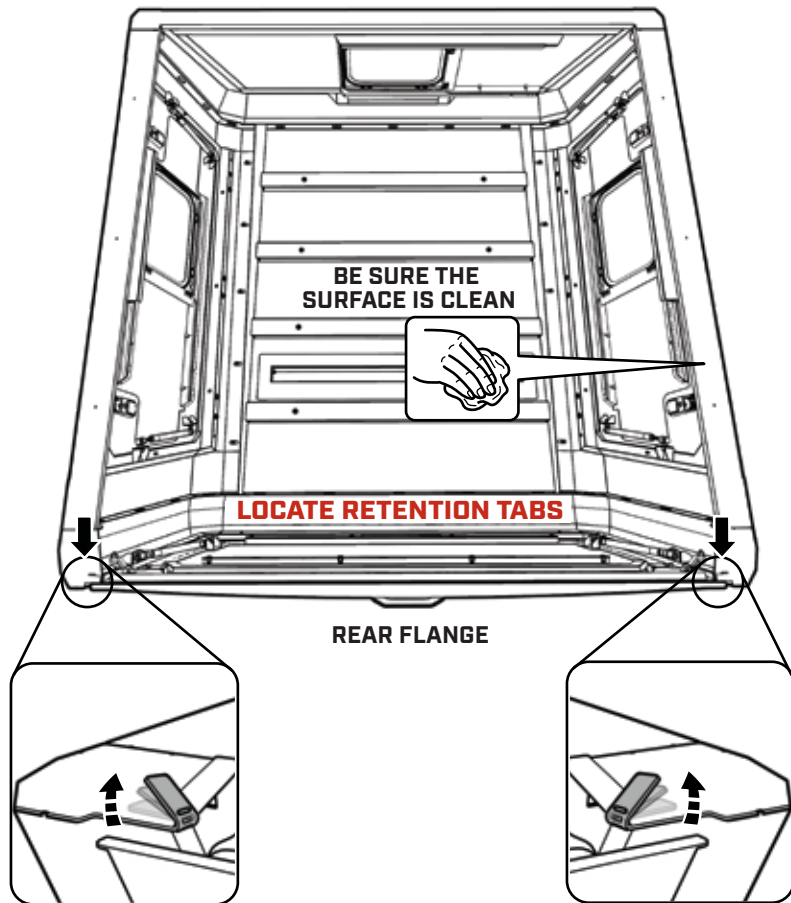
I-SHEET-ROW-U2

STEP 40

TOYOTA HILUX

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.

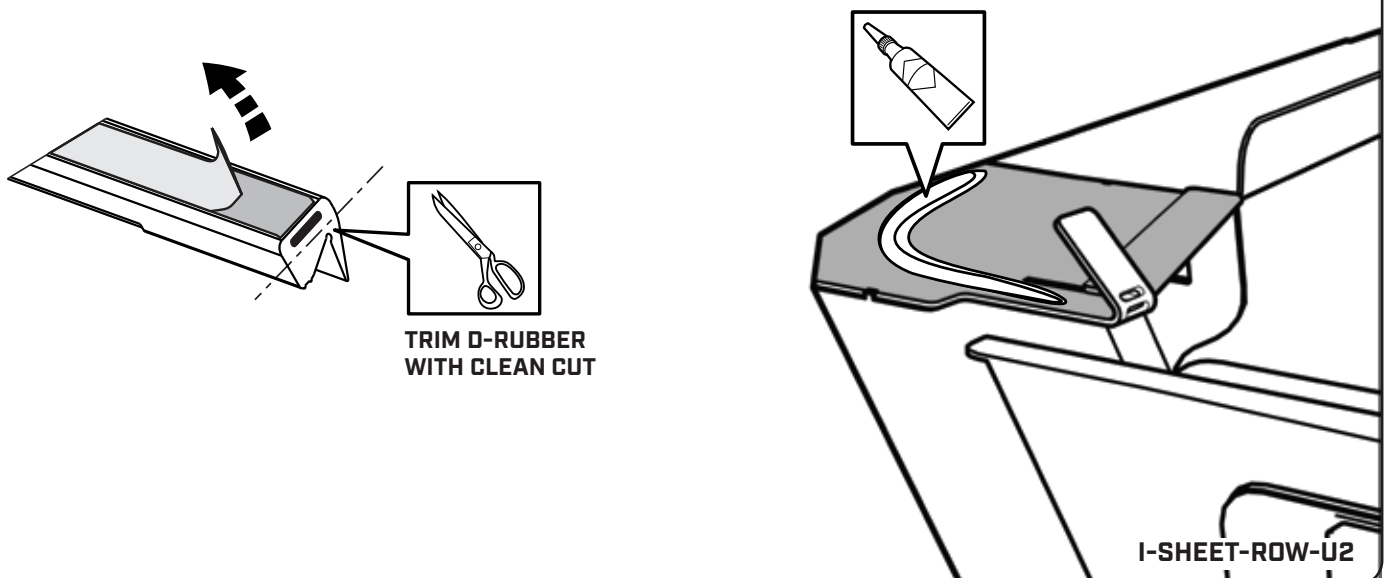
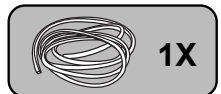


STEP 41

TOYOTA HILUX

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

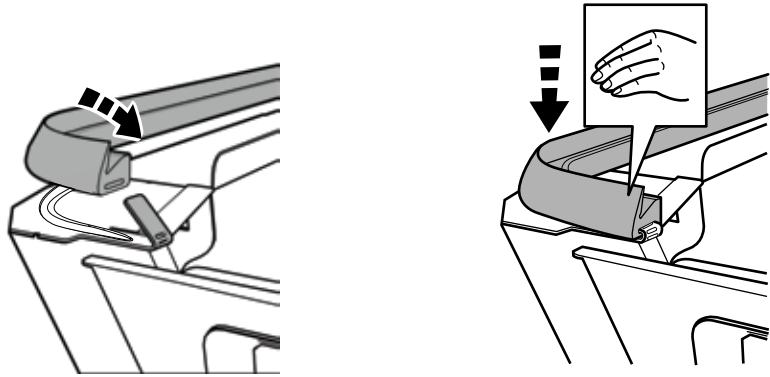


STEP 42

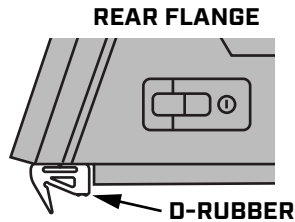
TOYOTA HILUX

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.

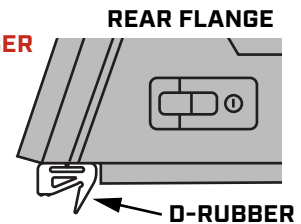
PRESS DOWN FIRMLY ON THE TAB AND THE D-RUBBER TO BOND IT TO THE REAR FLANGE, CREATING A TIGHT SEAL.



CORRECT D-RUBBER ORIENTATION



INCORRECT D-RUBBER ORIENTATION



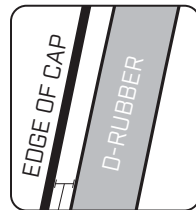
STEP 43

TOYOTA HILUX

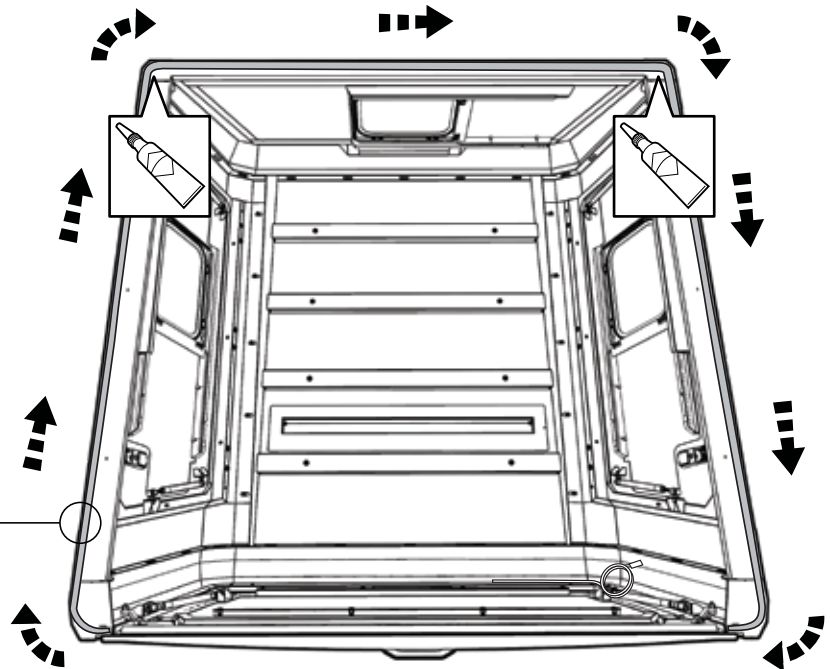
ALIGN THE D-RUBBER ALONG THE SMARTCAP'S EDGE, MAINTAINING A CONSISTENT 1/8 INCH GAP FROM THE EDGE.

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

REINFORCE CORNERS WITH SUPER GLUE.



1/8 INCH FROM EDGE



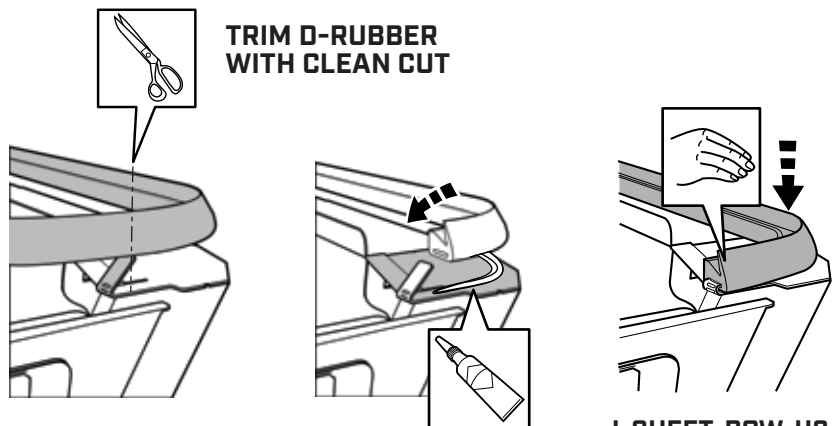
STEP 44

TOYOTA HILUX

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.



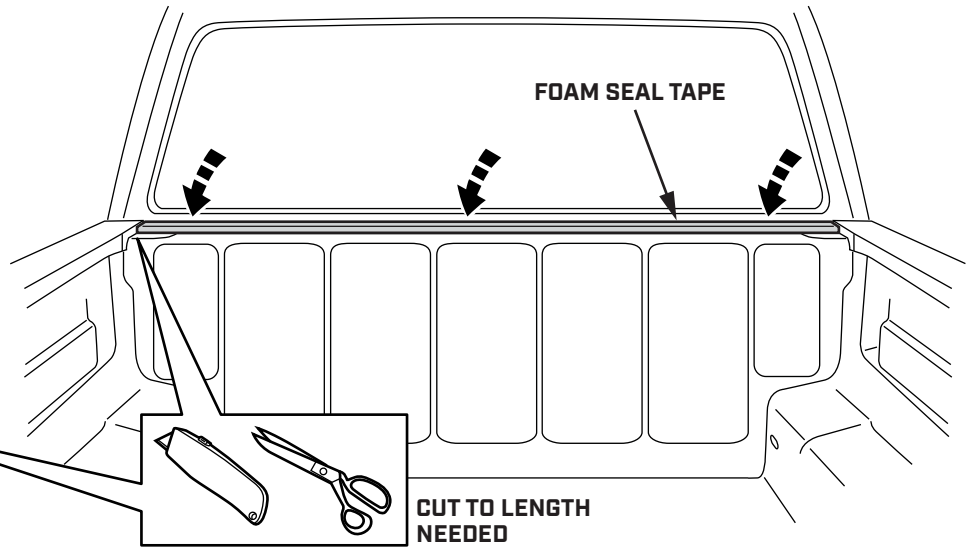
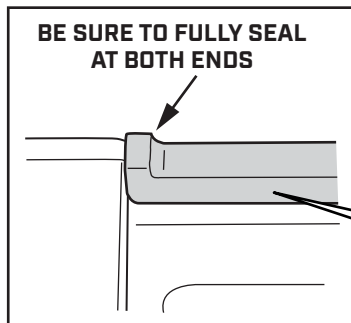
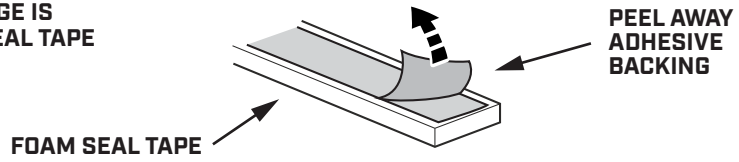
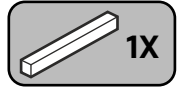
TRIM D-RUBBER WITH CLEAN CUT

I-SHEET-ROW-U2

STEP 45

TOYOTA HILUX

INSPECT THE TRUCK BED. IF FRONT EDGE IS LOWER THAN THE SIDES, ADD FOAM SEAL TAPE TO THE FRONT EDGE OF THE BED.

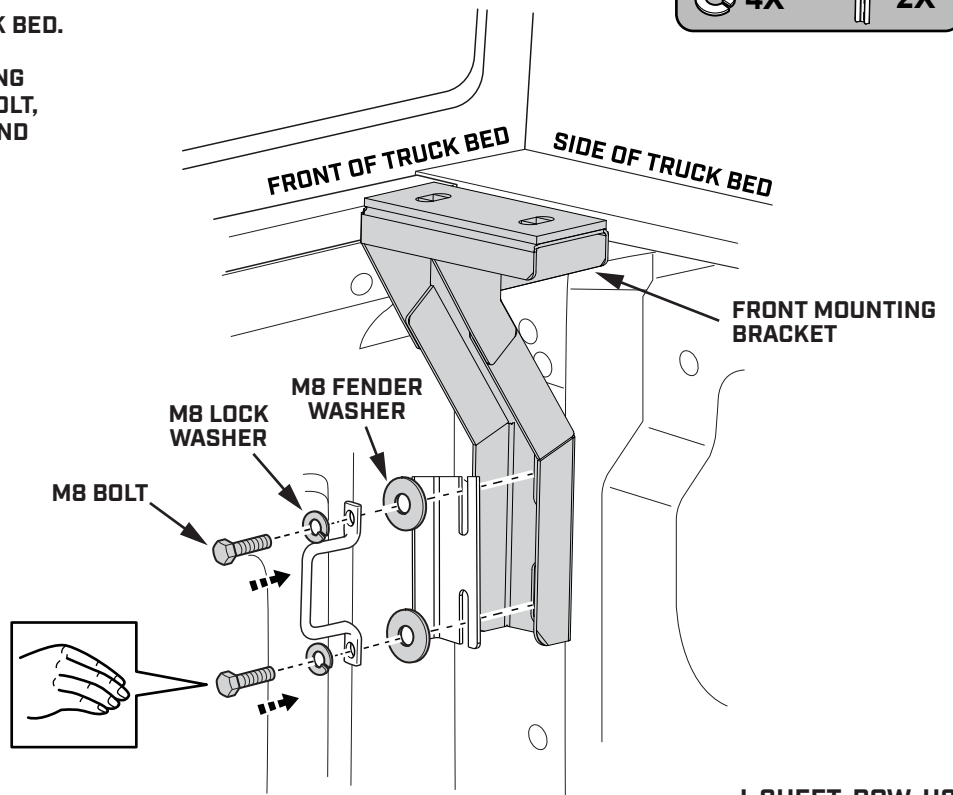
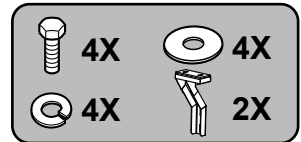


STEP 46

TOYOTA HILUX

REMOVE THE FRONT TIE DOWN HOOK FROM THE INNER WALL OF THE TRUCK BED.

HAND TIGHTEN BOTH FRONT MOUNTING BRACKETS TO TRUCK BED WITH M8 BOLT, M8 LOCK WASHER, TIE DOWN HOOK AND M8 FENDER WASHER AS SHOWN.



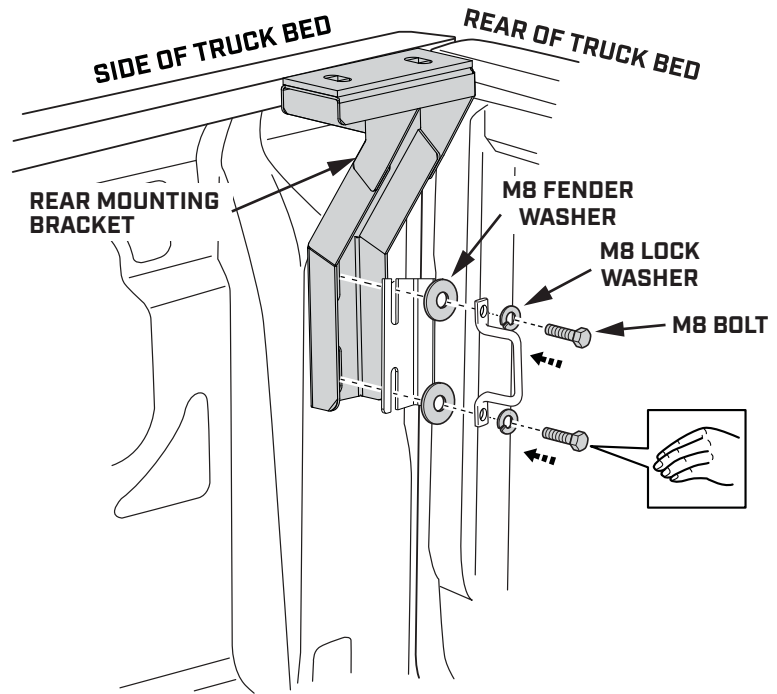
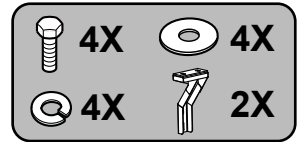
I-SHEET-ROW-U2

STEP 47

TOYOTA HILUX

REMOVE THE REAR TIE DOWN A HOOK FROM THE INNER WALL OF THE TRUCK BED.

HAND TIGHTEN BOTH REAR MOUNTING BRACKETS TO TRUCK BED WITH M8 BOLT, M8 LOCK WASHER, TIE DOWN HOOK AND M8 FENDER WASHER AS SHOWN.

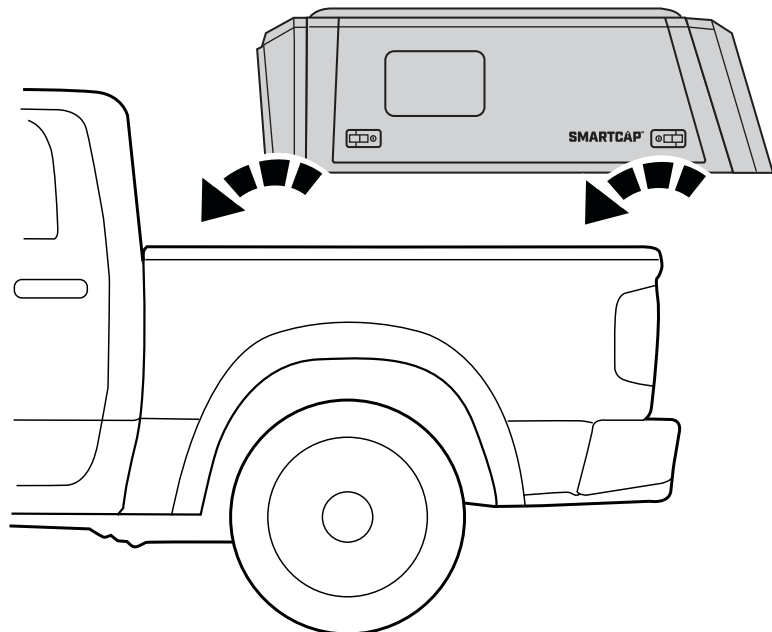


STEP 48

TOYOTA HILUX

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.



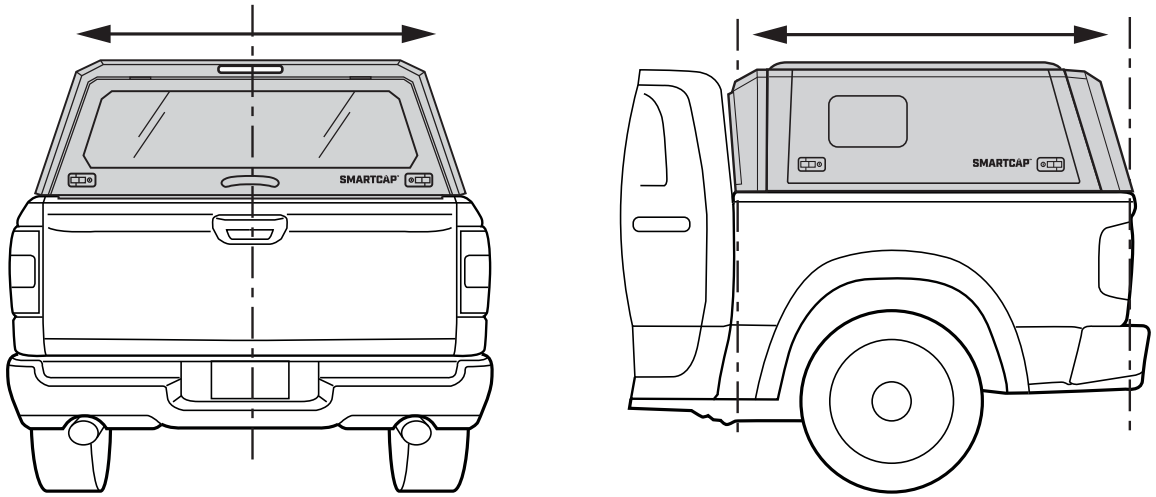
STEP 49

TOYOTA HILUX

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.



STEP 50

TOYOTA HILUX

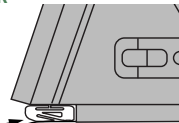
WALK AROUND THE TRUCK BED TO MAKE SURE THE D-RUBBER FITMENT IS CORRECT AND THAT THE RUBBER LIP IS PROPERLY TUCKED UNDERNEATH THE CAP.

CORRECT D-RUBBER ORIENTATION



D-RUBBER

REAR FLANGE



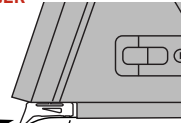
TAILGATE

INCORRECT D-RUBBER ORIENTATION

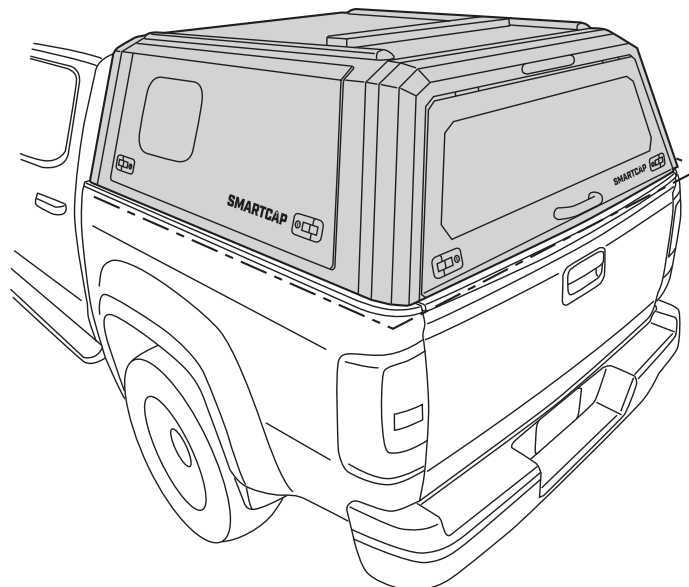


D-RUBBER

REAR FLANGE



TAILGATE






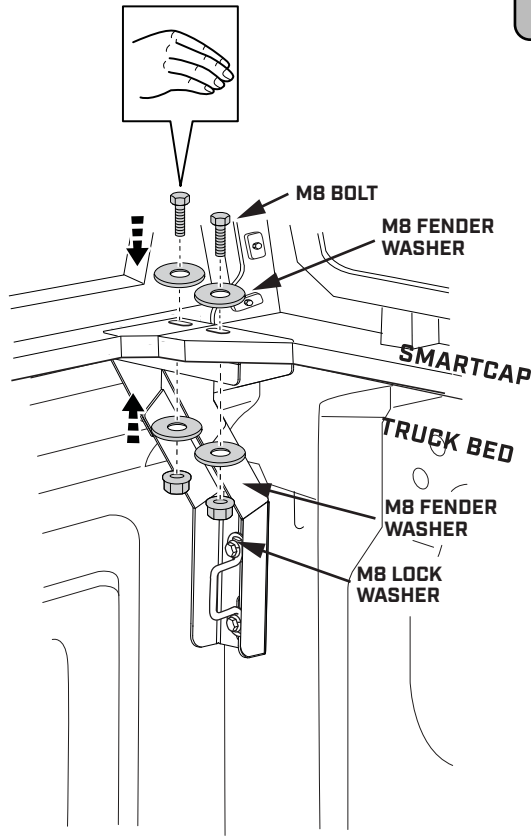
I-SHEET-ROW-U2

STEP 51

TOYOTA HILUX

SECURE BOTH FRONT MOUNTING BRACKETS TO THE SMARTCAP WITH M8 BOLTS, M8 FENDER WASHERS AND M8 LOCK NUT AS SHOWN, HAND TIGHTEN ONLY.




 4X  8X  4X

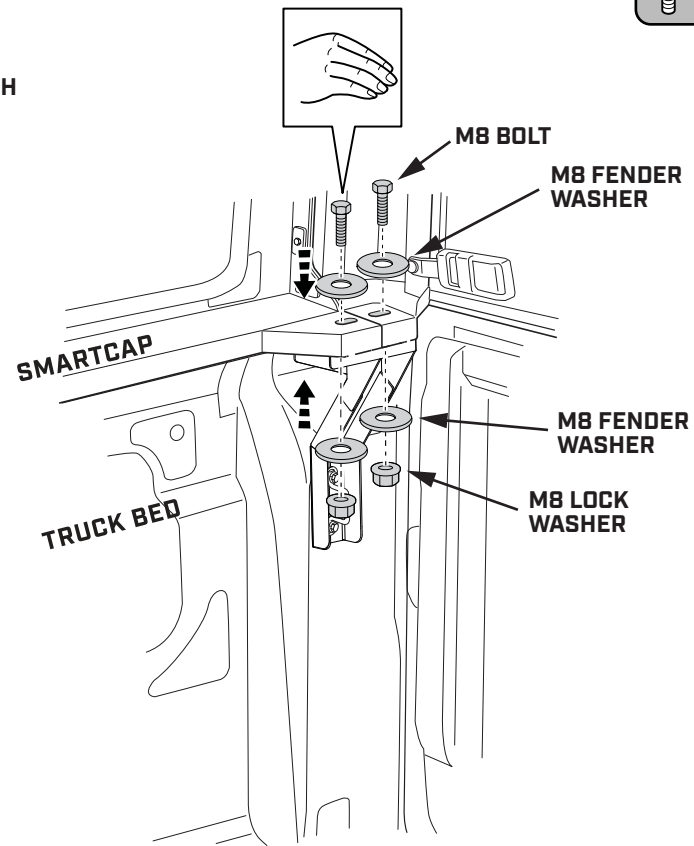


STEP 52

TOYOTA HILUX

SECURE BOTH REAR MOUNTING BRACKETS TO THE SMARTCAP WITH M8 BOLTS, M8 FENDER WASHERS AND M8 LOCK NUT AS SHOWN, HAND TIGHTEN ONLY.

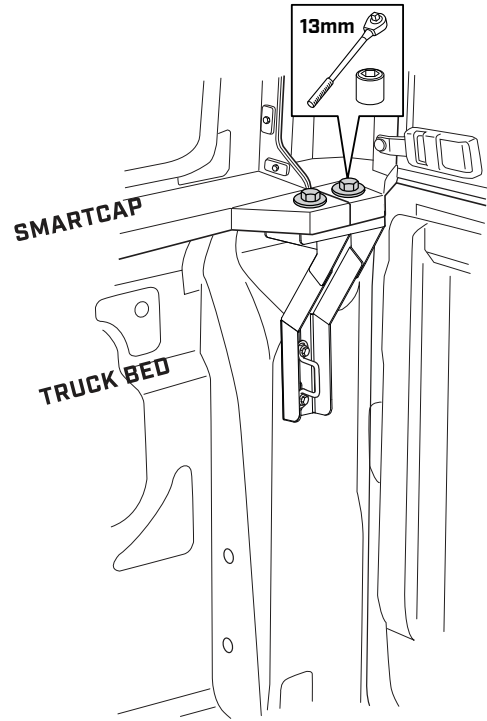
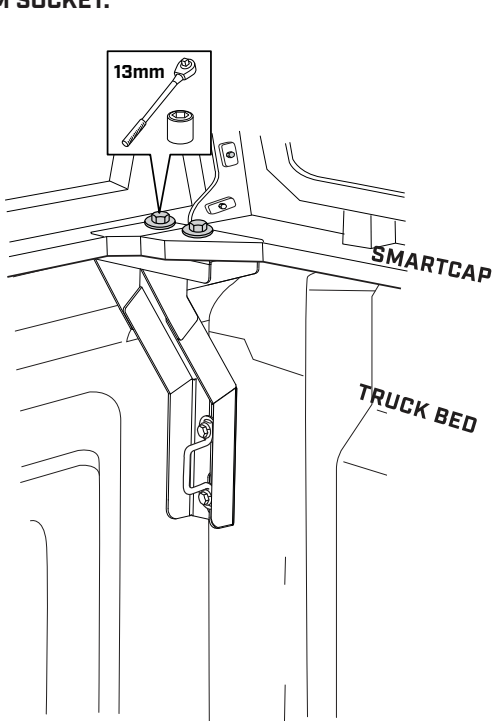
 4X  8X  4X



STEP 53

TOYOTA HILUX

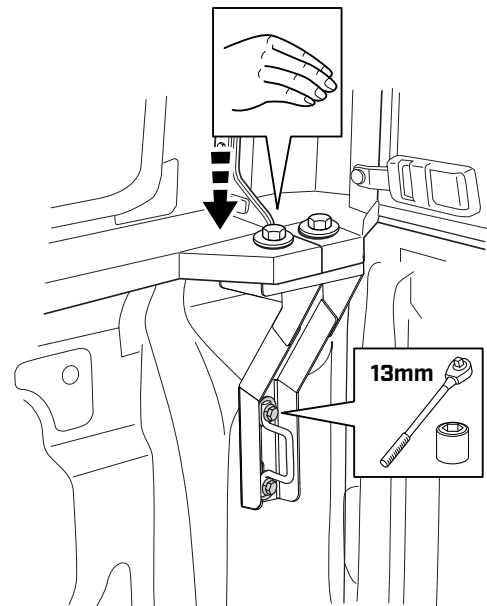
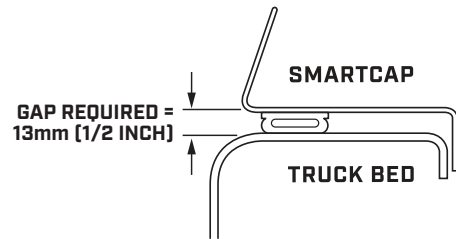
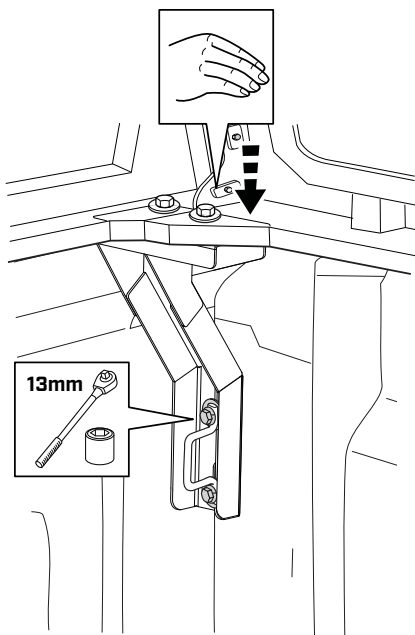
PARTIALLY TIGHTEN FASTENERS TO THE SMARTCAP ON ALL FOUR MOUNTING BRACKETS USING THE SOCKET WRENCH AND 13MM SOCKET.



STEP 54

TOYOTA HILUX

PRESS DOWN ON EACH CORNER OF THE SMARTCAP TO ACHIEVE 2MM - 3MM COMPRESSION ON D-RUBBER AND PARTIALLY TIGHTEN FRONT BRACKET FASTENERS WITH SOCKET WRENCH AND 13MM SOCKET.

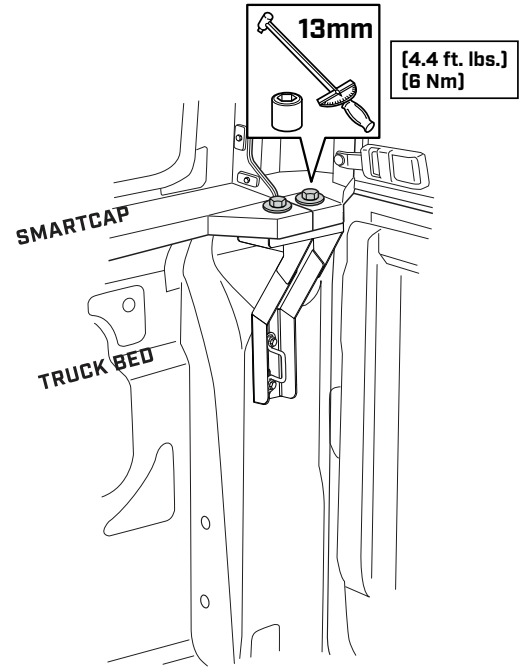
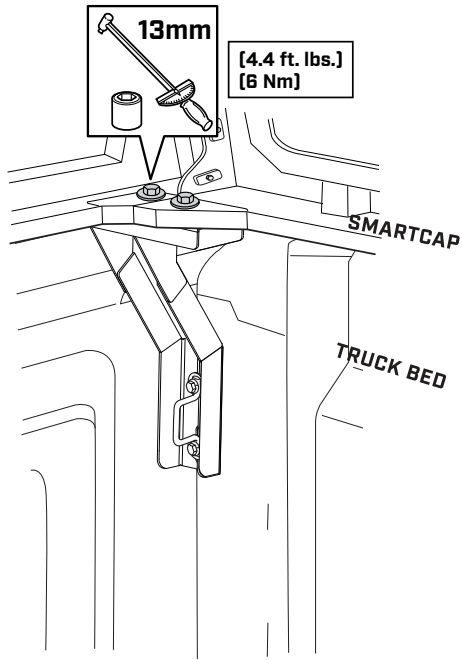


I-SHEET-ROW-U2

STEP 55

TOYOTA HILUX

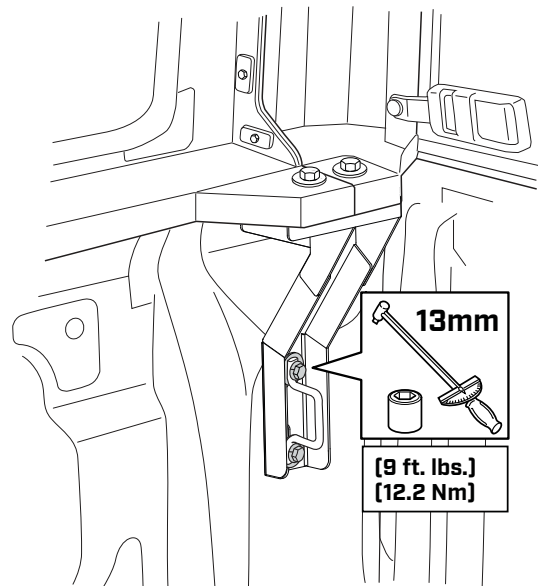
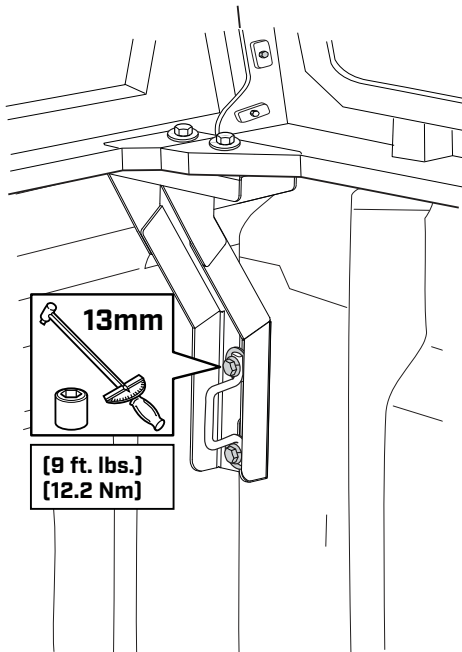
FULLY TIGHTEN FASTENERS TO THE SMARTCAP ON ALL FOUR MOUNTING BRACKETS USING THE TORQUE WRENCH AND 13MM SOCKET TO 4.4 FT. LBS. (6 NM).



STEP 56

TOYOTA HILUX

FULLY TIGHTEN FASTENERS TO THE TRUCK BED ON ALL FOUR MOUNTING BRACKETS USING THE TORQUE WRENCH AND 13MM SOCKET TO 9 FT. LBS. (12.2 NM).



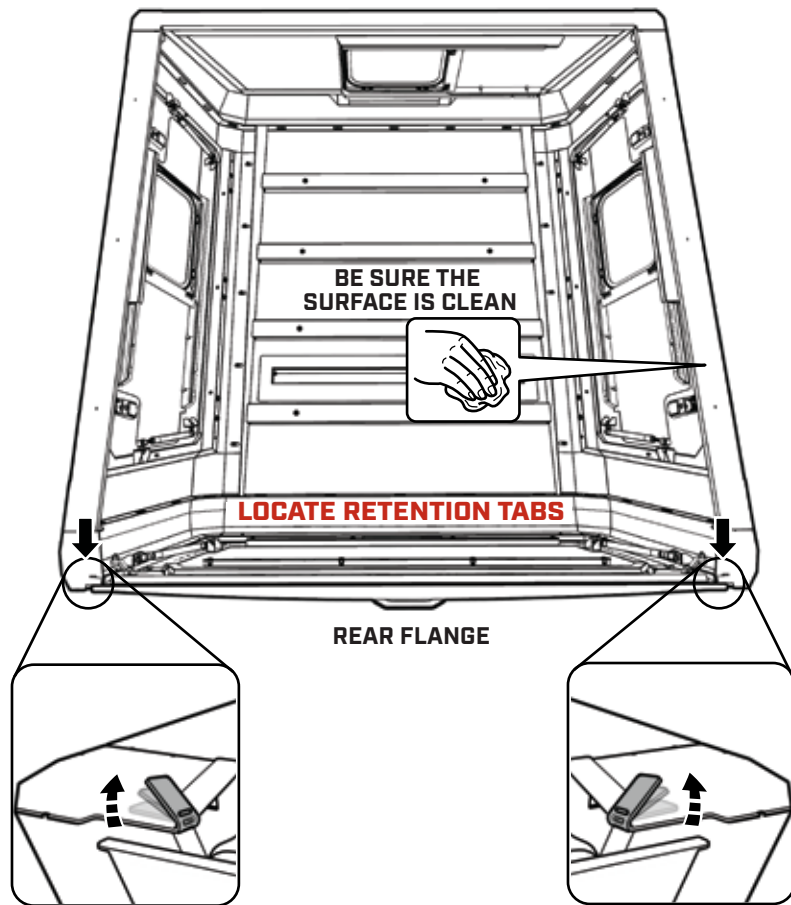
I-SHEET-ROW-U2

STEP 57

VW AMAROK

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.

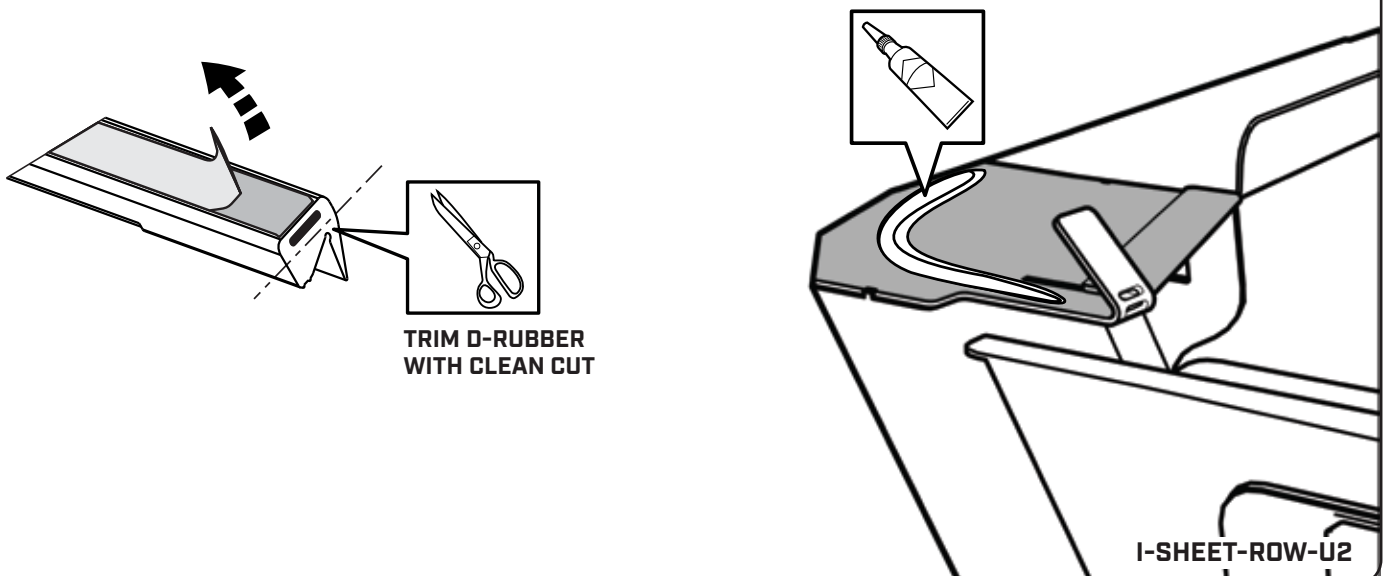
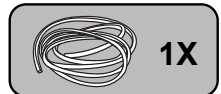


STEP 58

VW AMAROK

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

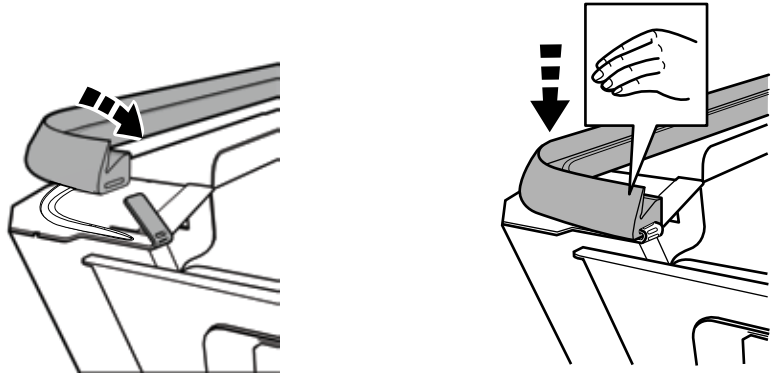


STEP 59

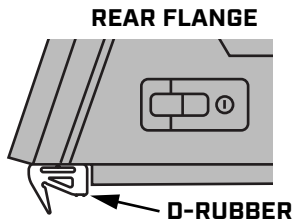
VW AMAROK

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.

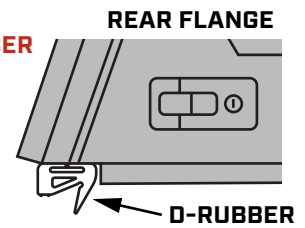
PRESS DOWN FIRMLY ON THE TAB AND THE D-RUBBER TO BOND IT TO THE REAR FLANGE, CREATING A TIGHT SEAL.



CORRECT D-RUBBER ORIENTATION



INCORRECT D-RUBBER ORIENTATION



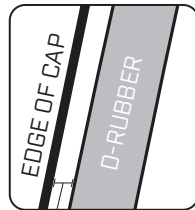
STEP 60

VW AMAROK

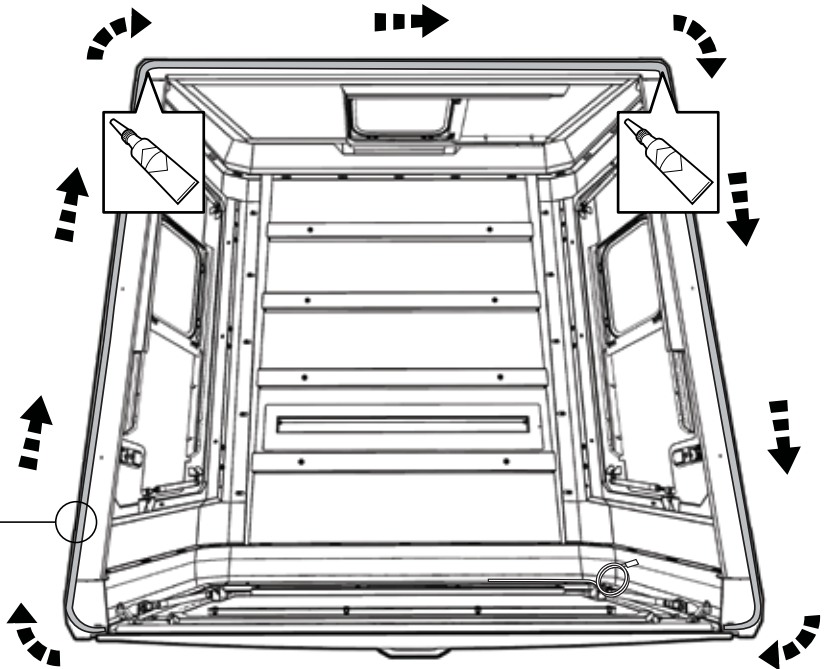
ALIGN THE D-RUBBER ALONG THE SMARTCAP'S EDGE, MAINTAINING A CONSISTENT 1/8 INCH GAP FROM THE EDGE.

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

REINFORCE CORNERS WITH SUPER GLUE.



1/8 INCH FROM EDGE



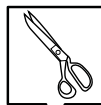
STEP 61

VW AMAROK

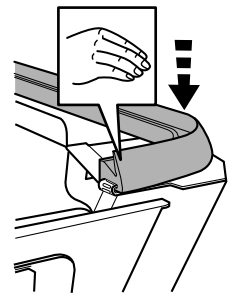
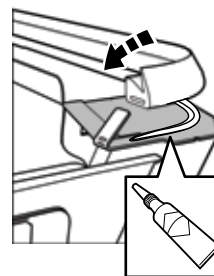
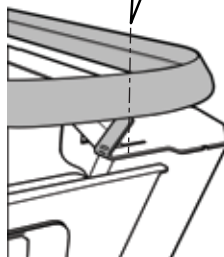
TRIM ANY EXCESS D-RUBBER BEYOND THE EDGE FOR A NEAT FINISH.

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



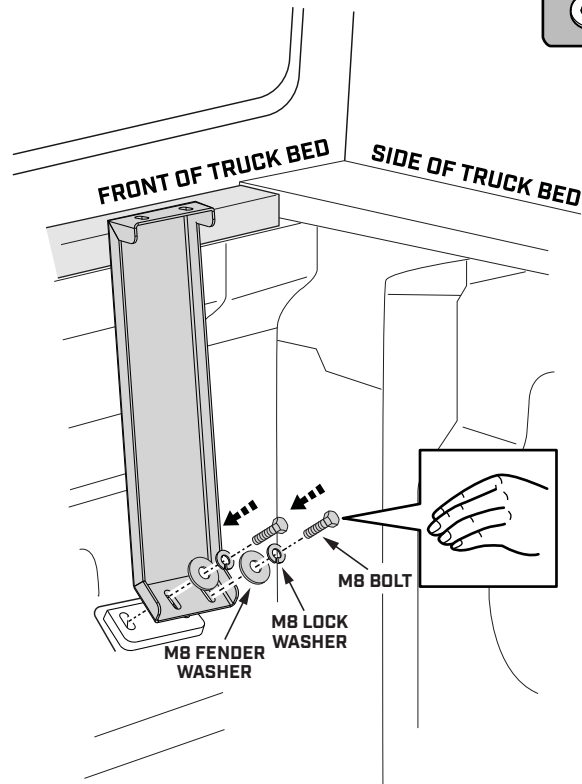
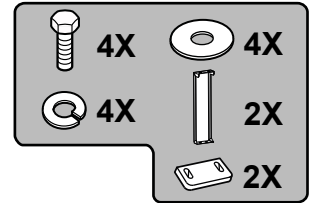
I-SHEET-ROW-U2

STEP 62

VW AMAROK

REMOVE THE FRONT TIE DOWN HOOK FROM THE OUTER WALL OF THE TRUCK BED.

HAND TIGHTEN BOTH FRONT BRACKETS TO TRUCK BED WITH M8 BOLT, M8 LOCK WASHER, TIE DOWN HOOK AND M8 FENDER WASHER AS SHOWN.

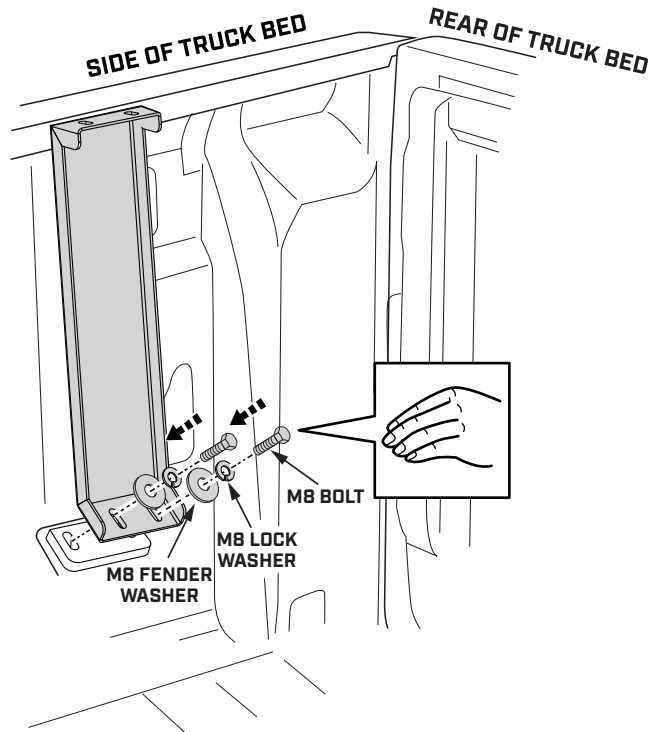
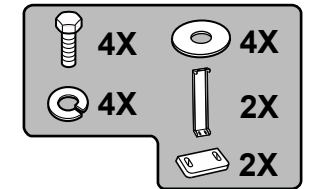


STEP 63

VW AMAROK

REMOVE THE REAR TIE DOWN HOOK FROM THE OUTER WALL OF THE TRUCK BED.

HAND TIGHTEN BOTH REAR BRACKETS TO TRUCK BED WITH M8 BOLT, M8 LOCK WASHER, TIE DOWN HOOK AND M8 FENDER WASHER AS SHOWN.

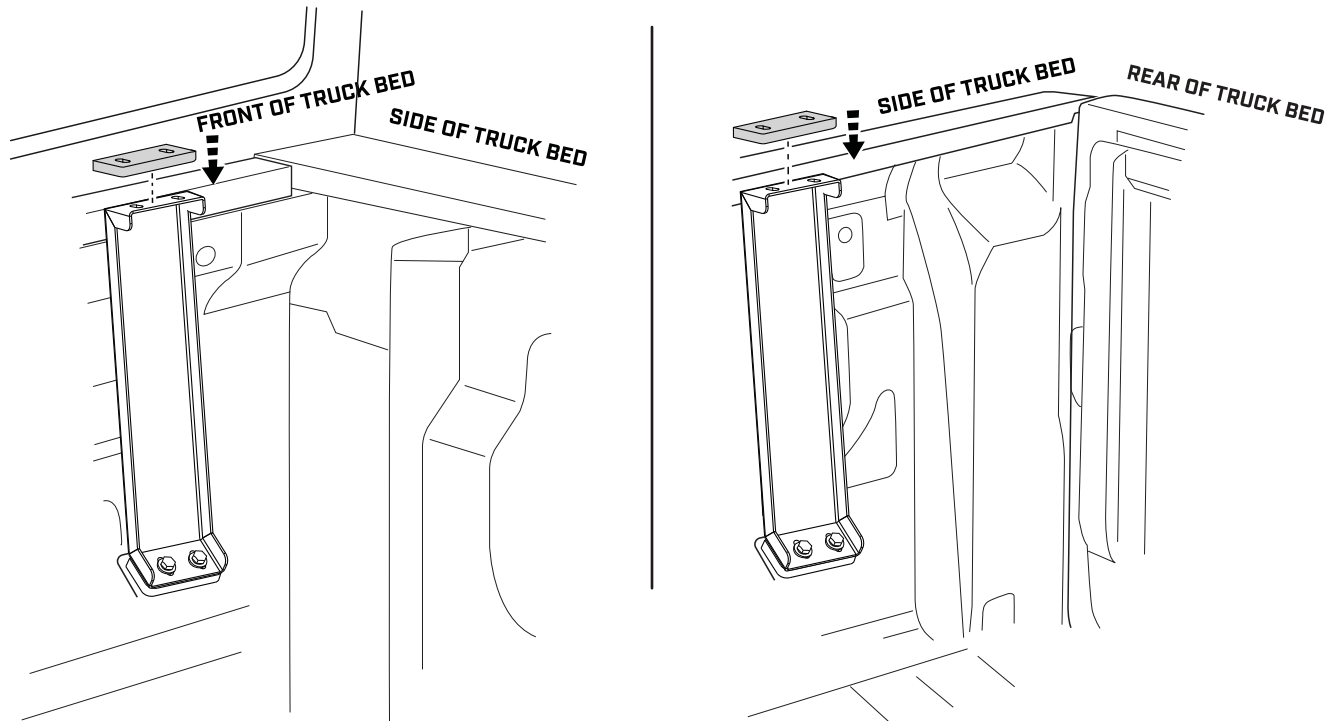
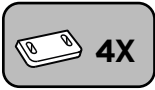


I-SHEET-ROW-U2

STEP 64

VW AMAROK

POSITION THE FRONT AND REAR MOUNTING PADS ON TOP OF MOUNTING BRACKETS AS SHOWN.



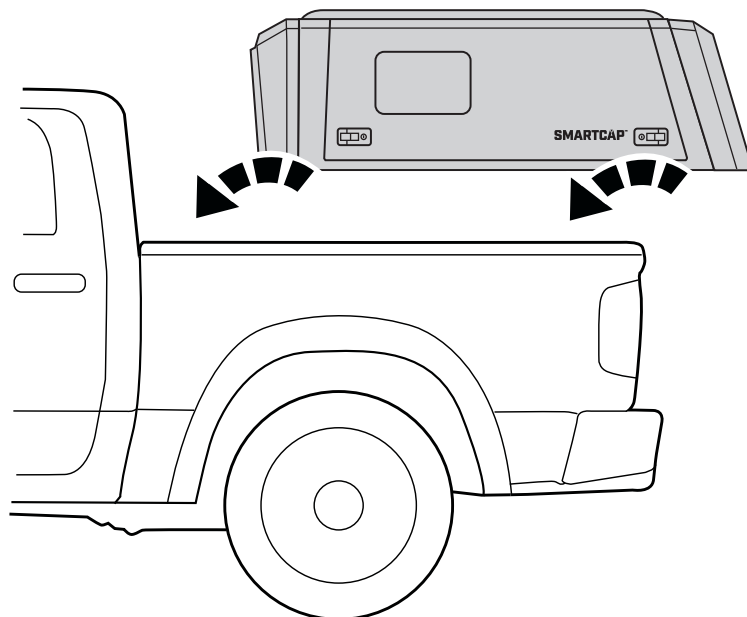
STEP 65

VW AMAROK

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



I-SHEET-ROW-U2

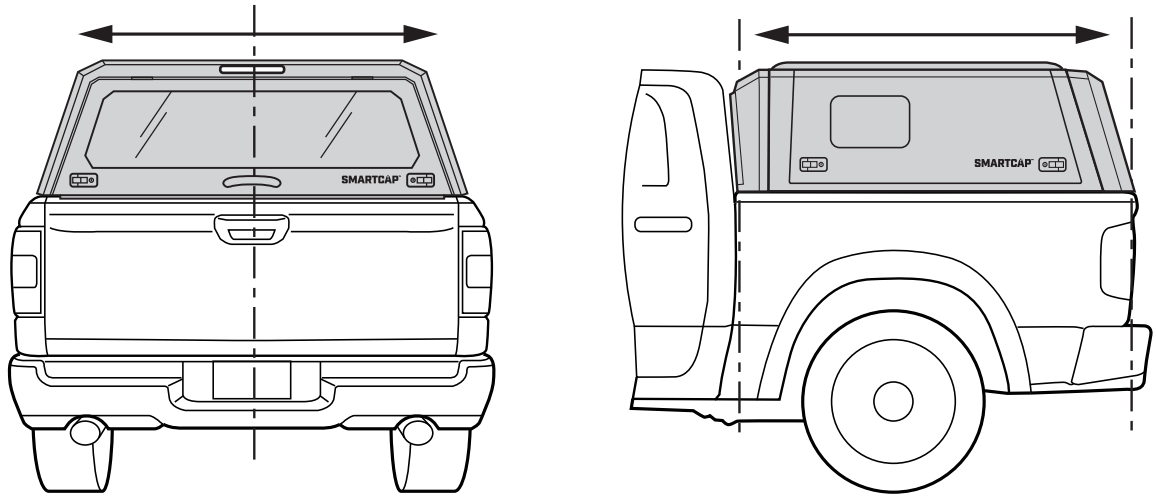
STEP 66

VW AMAROK

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.



STEP 67

VW AMAROK

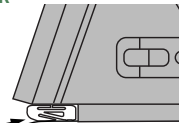
WALK AROUND THE TRUCK BED TO MAKE SURE THE D-RUBBER FITMENT IS CORRECT AND THAT THE RUBBER LIP IS PROPERLY TUCKED UNDERNEATH THE CAP.

CORRECT D-RUBBER ORIENTATION



D-RUBBER

REAR FLANGE



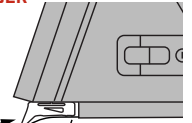
TAILGATE

INCORRECT D-RUBBER ORIENTATION

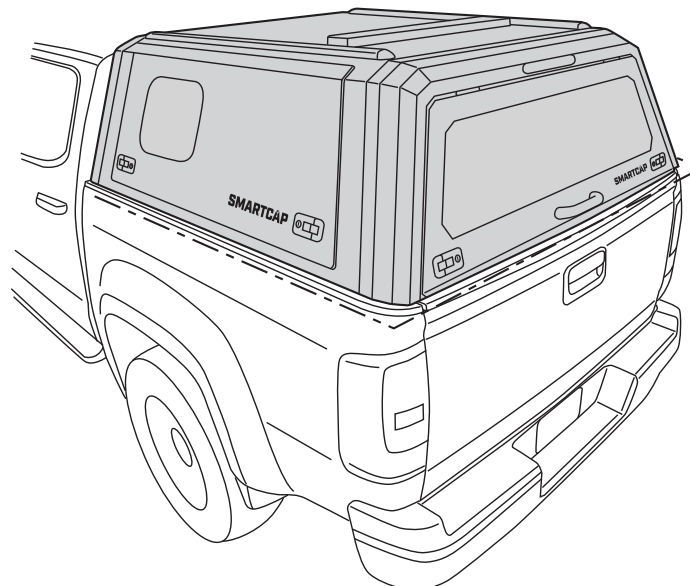


D-RUBBER

REAR FLANGE



TAILGATE

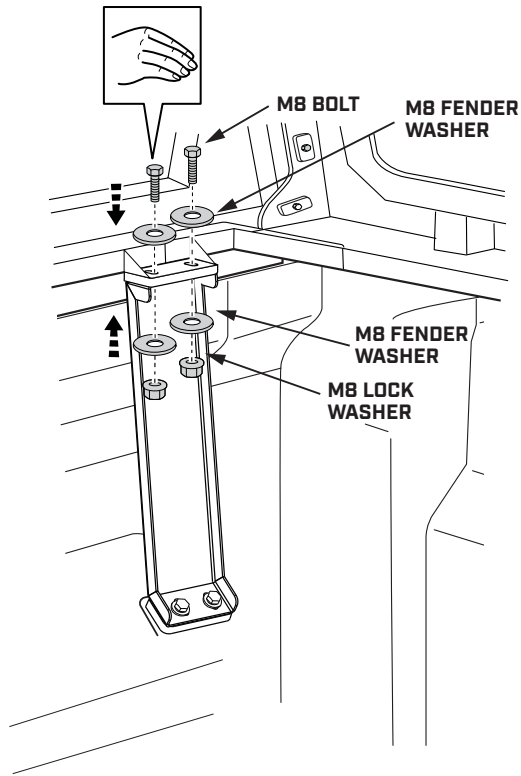


I-SHEET-ROW-U2

STEP 68

VW AMAROK

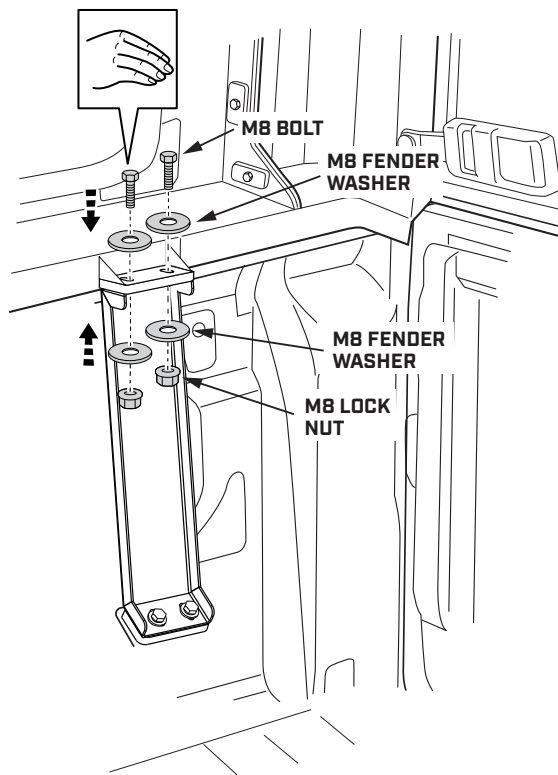
SECURE BOTH FRONT BRACKETS TO THE SMARTCAP WITH M8 BOLTS, M8 FENDER WASHER AND M8 LOCK NUT AS SHOWN, HAND TIGHTEN ONLY.



STEP 69

VW AMAROK

SECURE BOTH REAR BRACKETS TO THE SMARTCAP USING M8 BOLTS, M8 FENDER WASHERS AND M8 LOCK NUT AS SHOWN, HAND TIGHTEN ONLY.

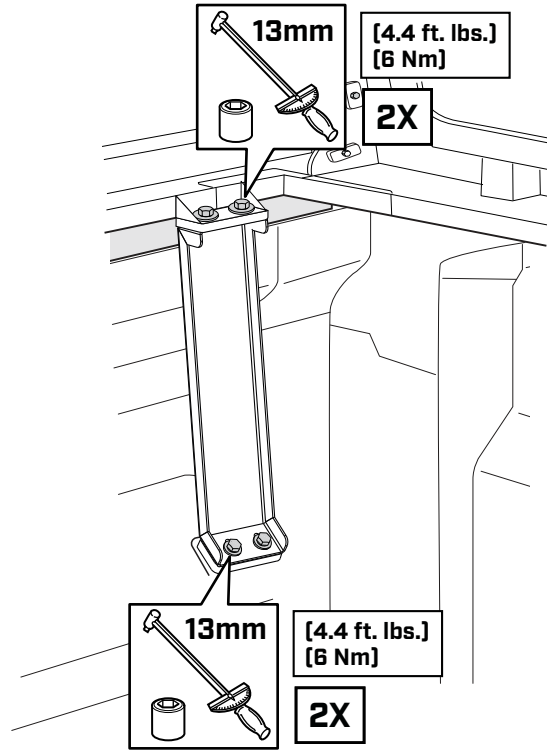


I-SHEET-ROW-U2

STEP 70

VW AMAROK

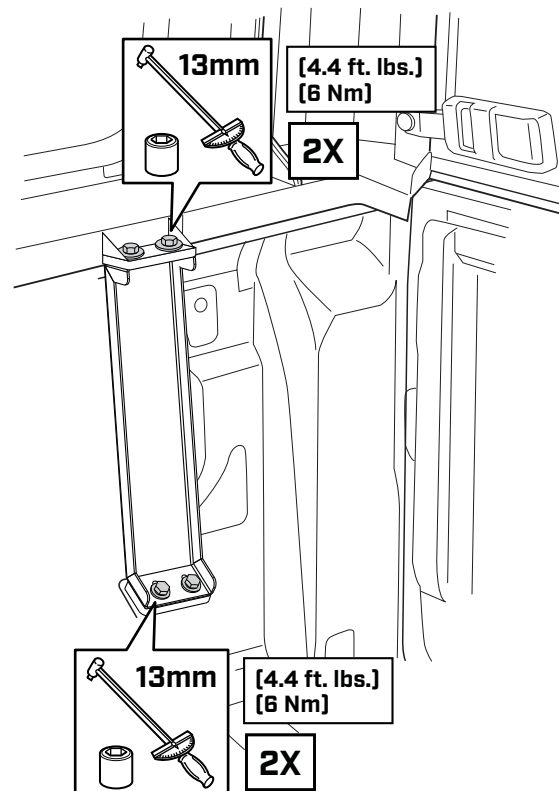
TIGHTEN FASTENERS FOR BOTH FRONT MOUNTING BRACKETS USING THE TORQUE WRENCH AND 13MM SOCKET TO 4.4 FT. LBS. [6NM]



STEP 71

VW AMAROK

TIGHTEN FASTENERS FOR BOTH REAR MOUNTING BRACKETS USING THE TORQUE WRENCH AND 13MM SOCKET TO 4.4 FT. LBS. [6NM]



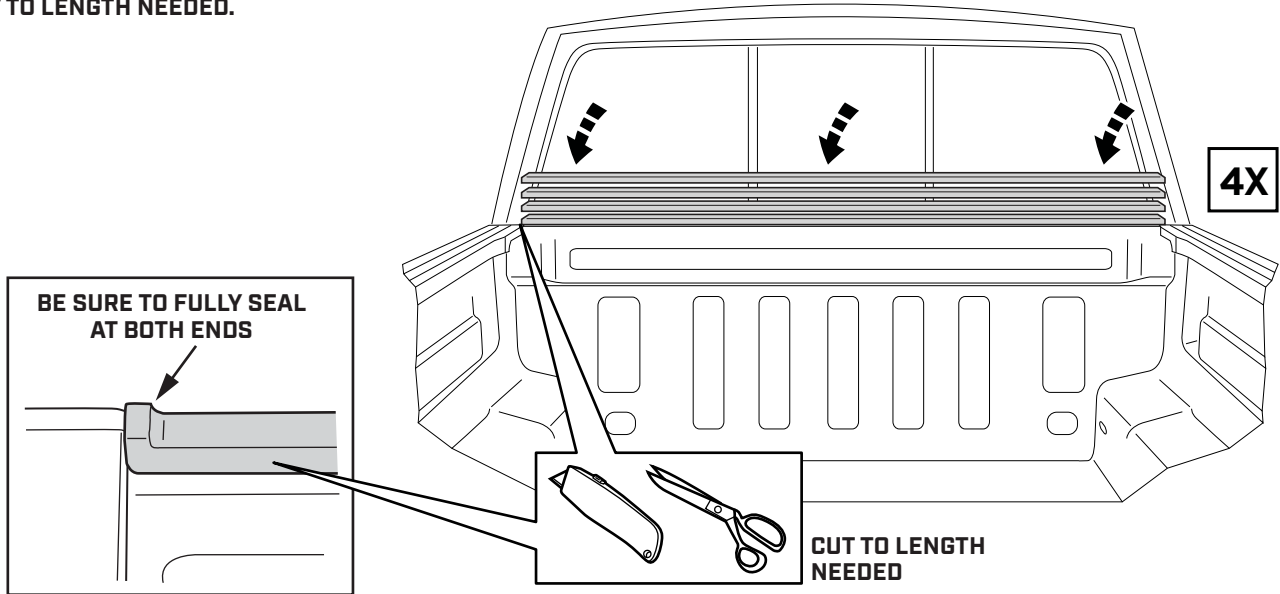
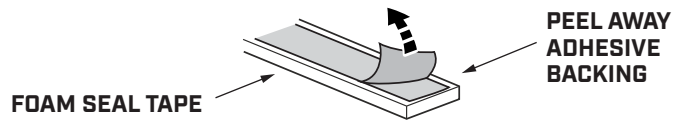
STEP 72

LAND CRUISER

INSPECT THE TRUCK BED.

ADD 3-4 STRIPS OF FOAM SEAL TAPE ON TOP OF EACH OTHER TO THE FRONT EDGE OF THE TRUCK BED.

CUT TO LENGTH NEEDED.

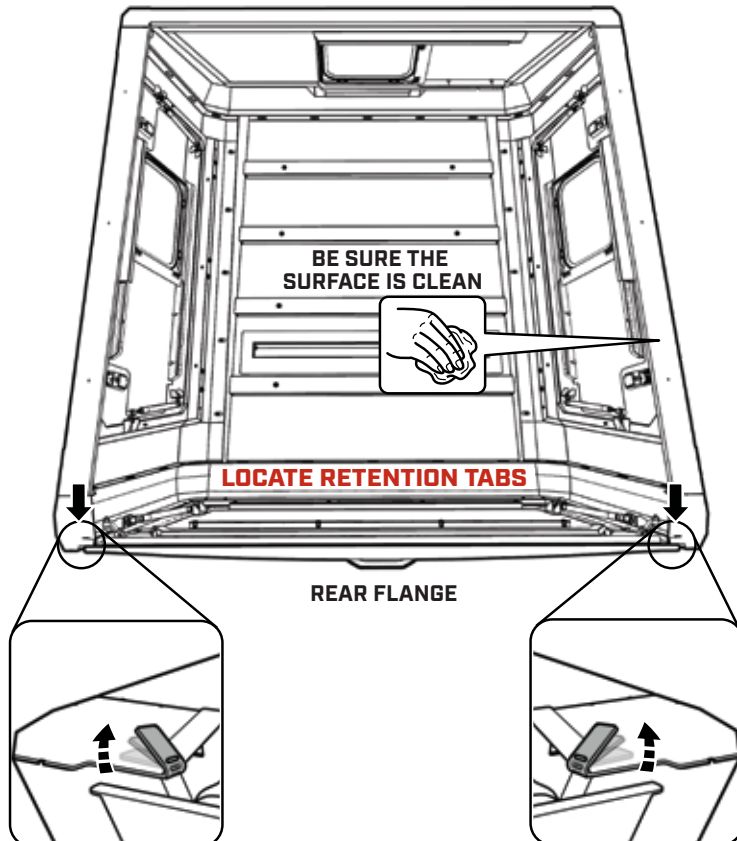


STEP 73

LAND CRUISER

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.



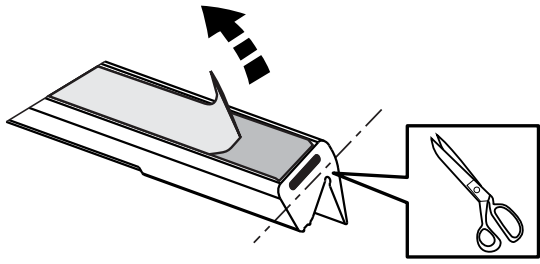
I-SHEET-ROW-U2

STEP 74

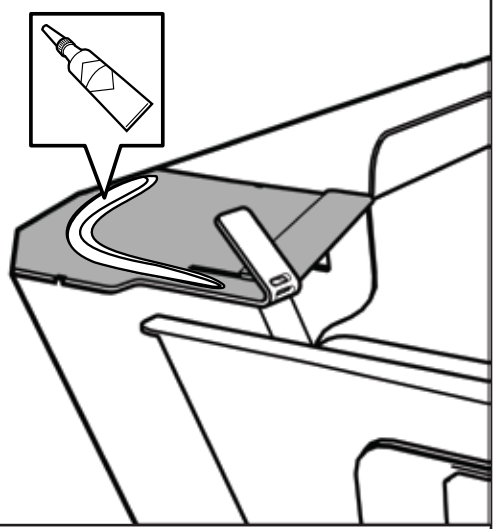
LAND CRUISER

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



TRIM D-RUBBER WITH CLEAN CUT

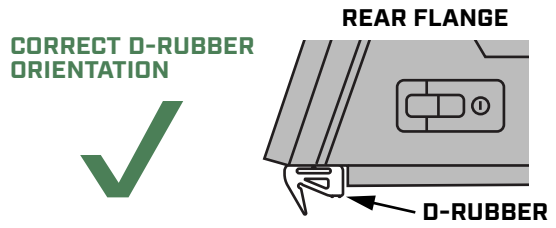
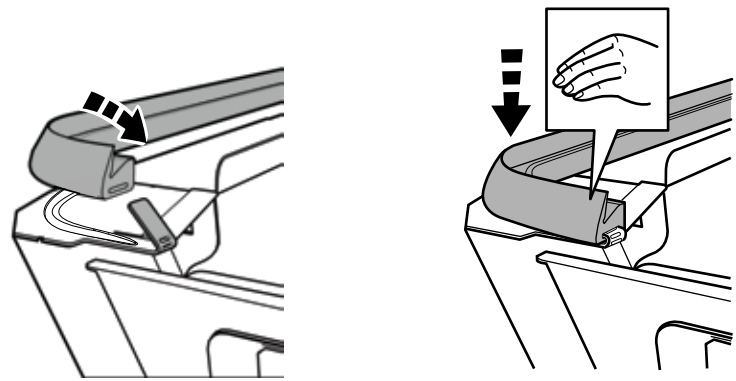


STEP 75

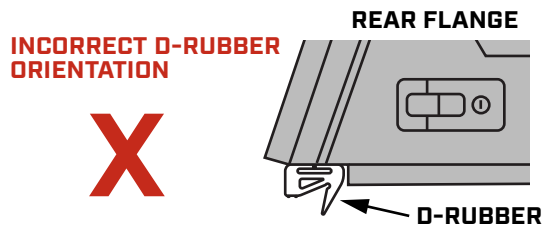
LAND CRUISER

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 76

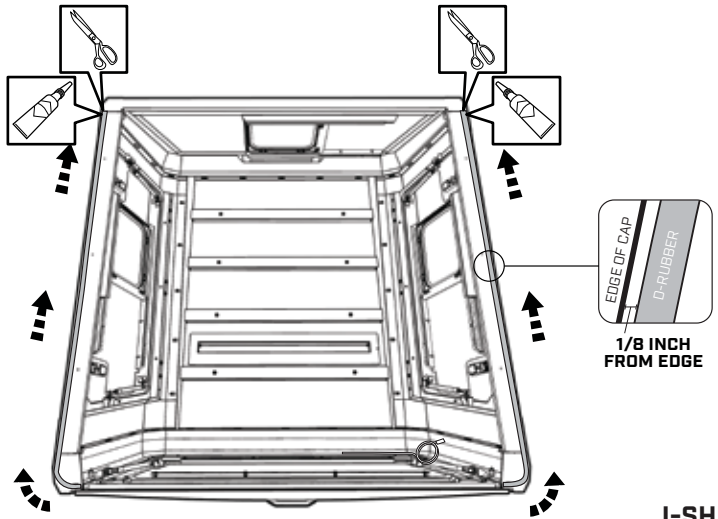
LAND CRUISER

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.

REPEAT PROCESS FOR OPPOSITE SIDE.

REINFORCE CORNERS WITH SUPER GLUE.



I-SHEET-ROW-U2

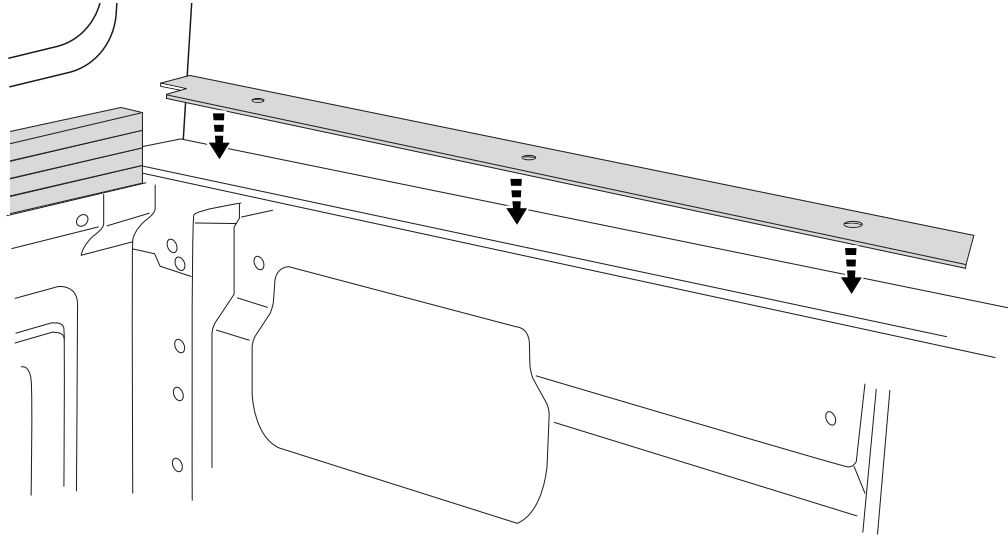
STEP 77

LAND CRUISER

PLACE DRILL JIG FLUSH WITH SIDE EDGE AND FRONT EDGE OF TRUCK BED FOR CORRECT DRILLING POSITION.

MARK HOLE POSITIONS WITH DRILL JIG IN PLACE.

REPEAT FOR OPPOSITE SIDE.

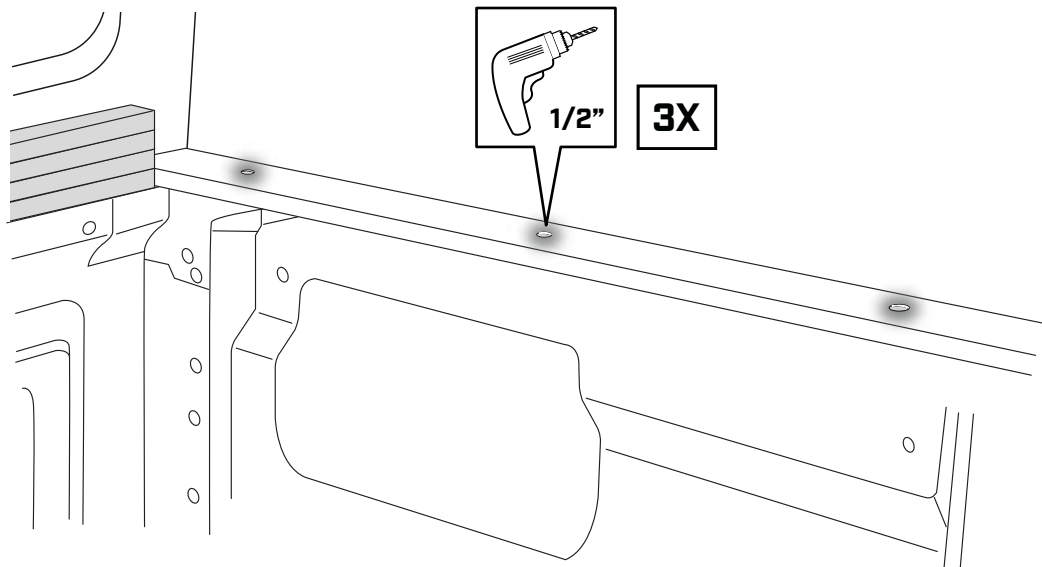


STEP 78

LAND CRUISER

USING A 1/2" DRILL BIT, DRILL OUT ALL MARKED LOCATIONS ALONG THE TRUCK BED.

REPEAT FOR OPPOSITE SIDE.



I-SHEET-ROW-U2

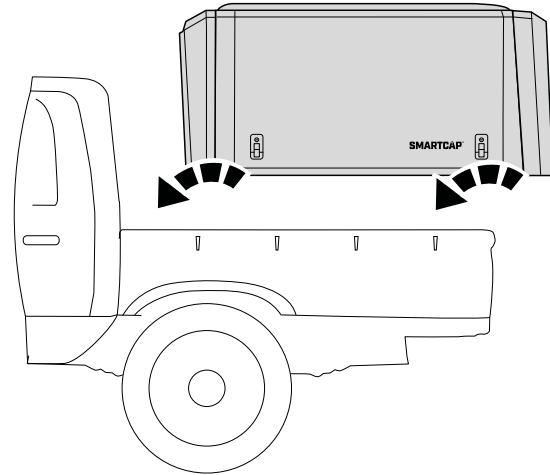
STEP 79

LAND CRUISER

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



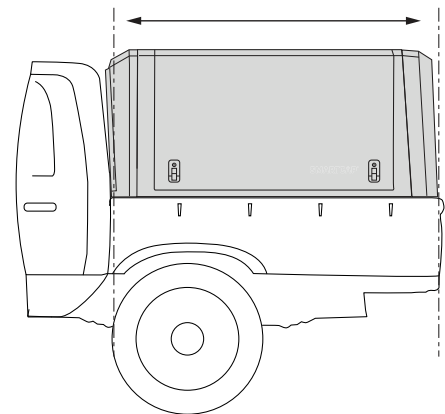
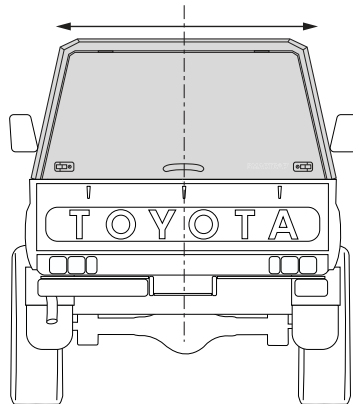
STEP 80

LAND CRUISER

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

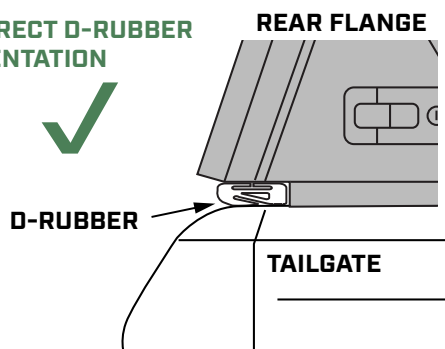


STEP 81

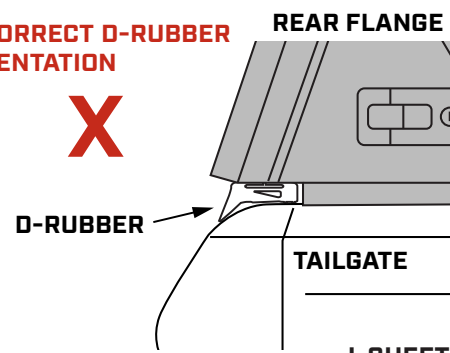
LAND CRUISER

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.

CORRECT D-RUBBER ORIENTATION



INCORRECT D-RUBBER ORIENTATION



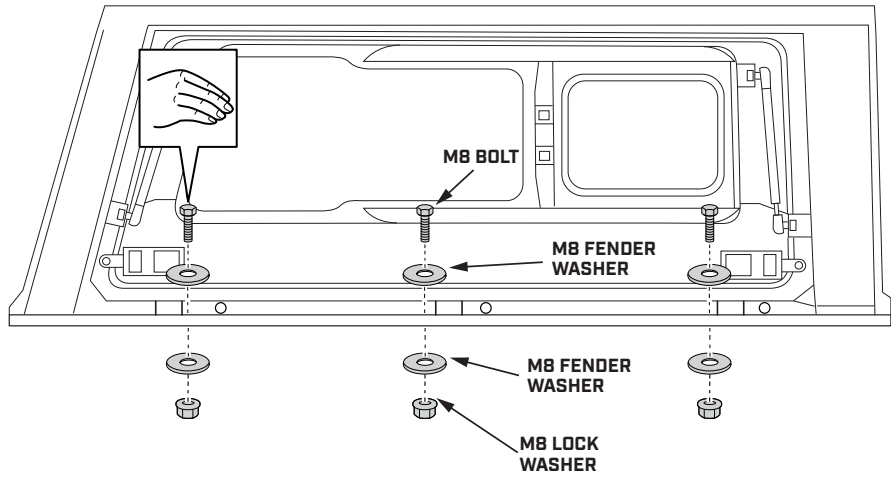
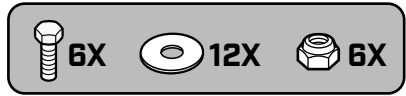
I-SHEET-ROW-U2

STEP 82

LAND CRUISER

MOUNT THE SMARTCAP USING M8 BOLTS, M8 FENDER WASHERS AND M8 LOCK NUT AS SHOWN, HAND TIGHTEN ONLY.

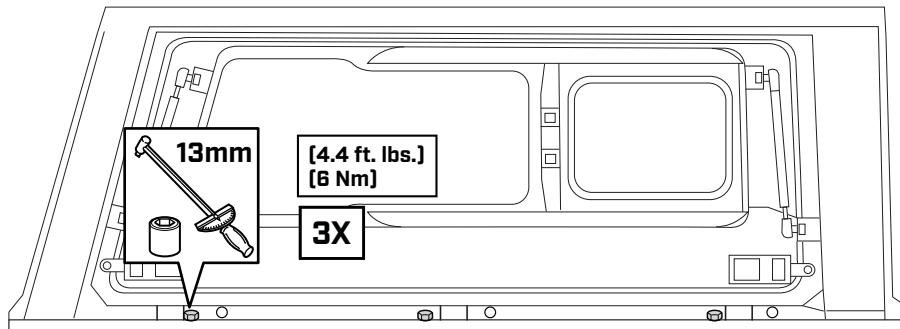
REPEAT FOR OPPOSITE SIDE.



STEP 83

LAND CRUISER

TIGHTEN FASTENERS FOR BOTH SIDES USING A TORQUE WRENCH AND 13MM SOCKET TO 4.4 FT. LBS. [6 NM]

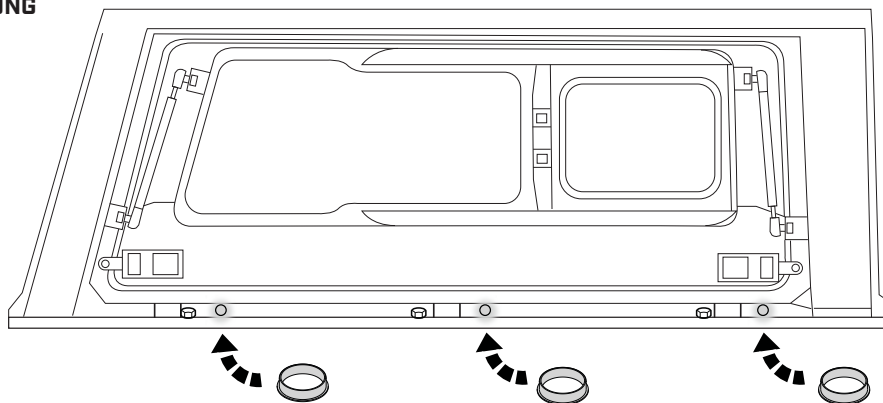


STEP 84

LAND CRUISER

INSERT PLASTIC END CAPS ALONG THE INSIDE OF THE SMARTCAP.

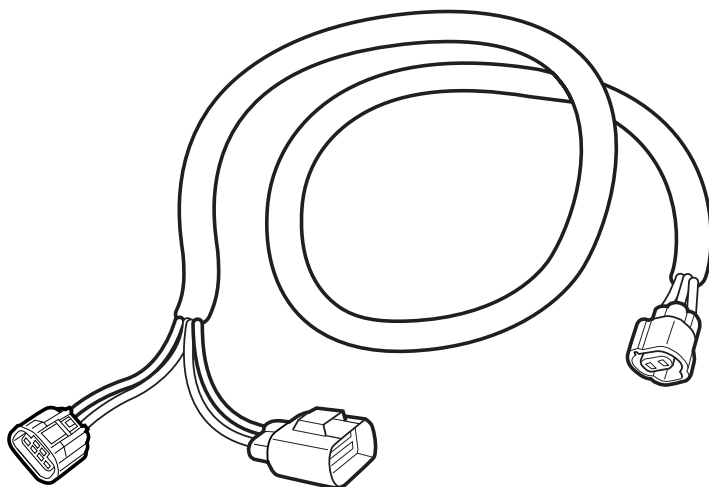
REPEAT FOR OPPOSITE SIDE.



I-SHEET-ROW-U2

THIRD BRAKE LIGHT HARDWARE

T-HARNESS

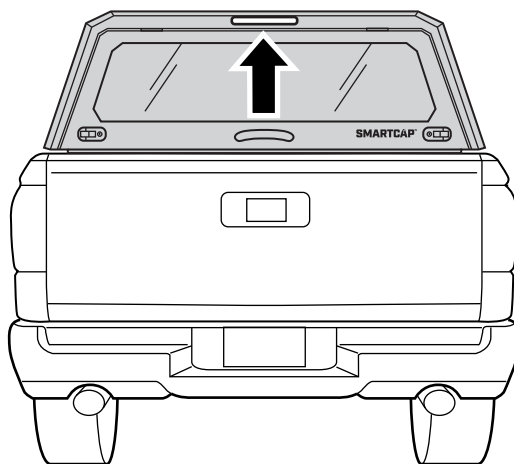


1X



IMPORTANT

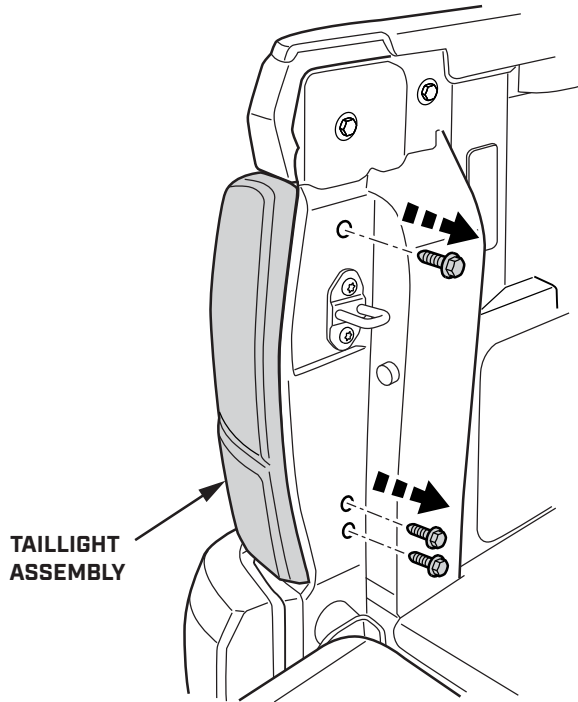
- ▼ BE SURE THE VEHICLE IS TURNED OFF FOR THIS INSTALLATION.
- ▼ READ THROUGH THE ENTIRE PROCEDURE BEFORE STARTING AND FOLLOW THE STEPS CAREFULLY TO ENSURE THE THIRD BRAKE LIGHT WILL FUNCTION PROPERLY.
- ▼ USE A TEST LIGHT TO CHECK FOR SUCCESSFUL INSTALLATION.



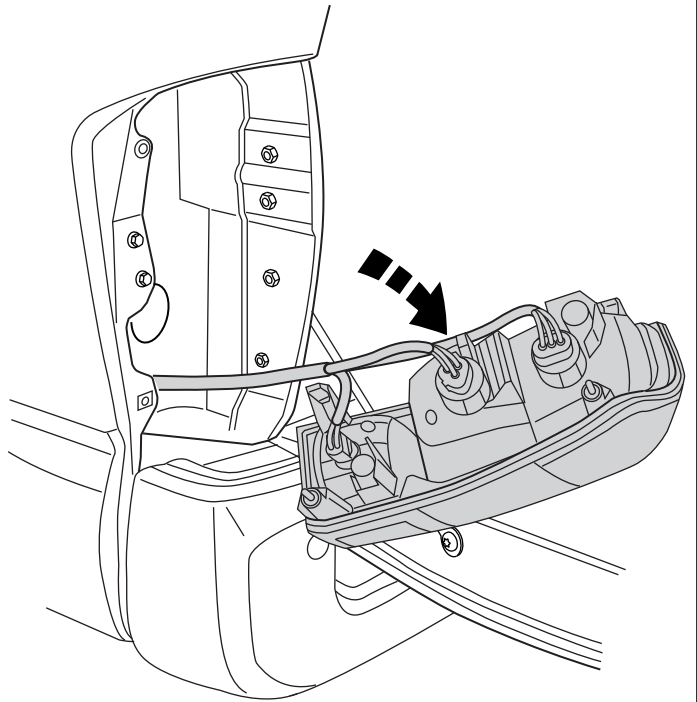
I-SHEET-ROW-U2

STEP 85

REMOVE THE BOLTS HOLDING THE DRIVER SIDE TAILLIGHT ASSEMBLY.



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

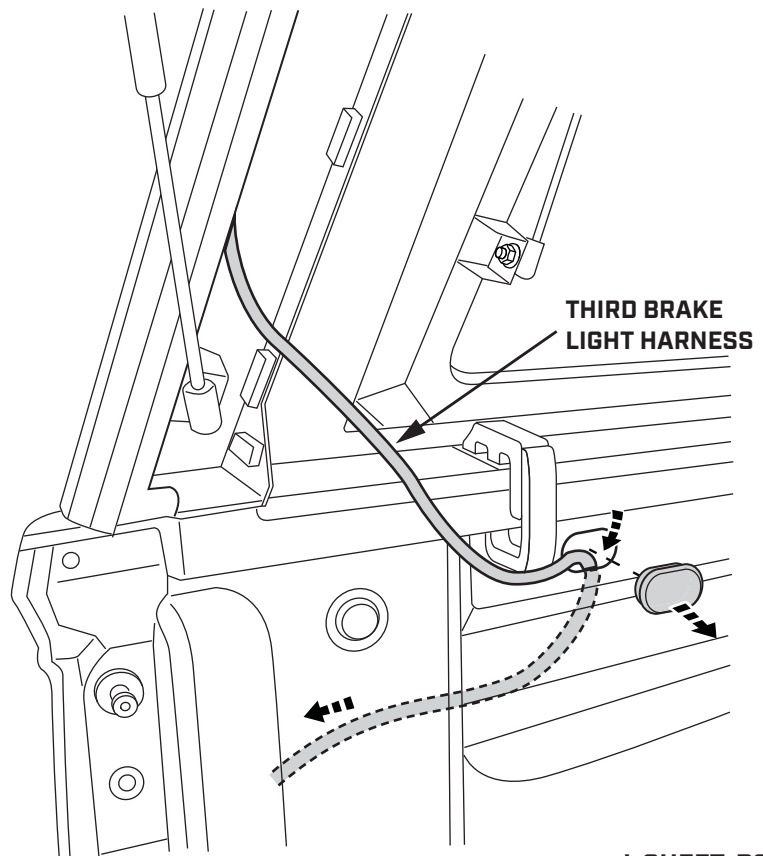


STEP 86

UNTIE THE THIRD BRAKE LIGHT HARNESS FROM WHERE IT IS ATTACHED TO THE SMARTCAP.

REMOVE THE GROMMET COVER AT THE TRUCK BED WALL.

ROUTE THE THIRD BRAKE LIGHT HARNESS IN THROUGH THE GROMMET PANEL OPENING AND OUT THROUGH THE TAILLIGHT CAVITY.

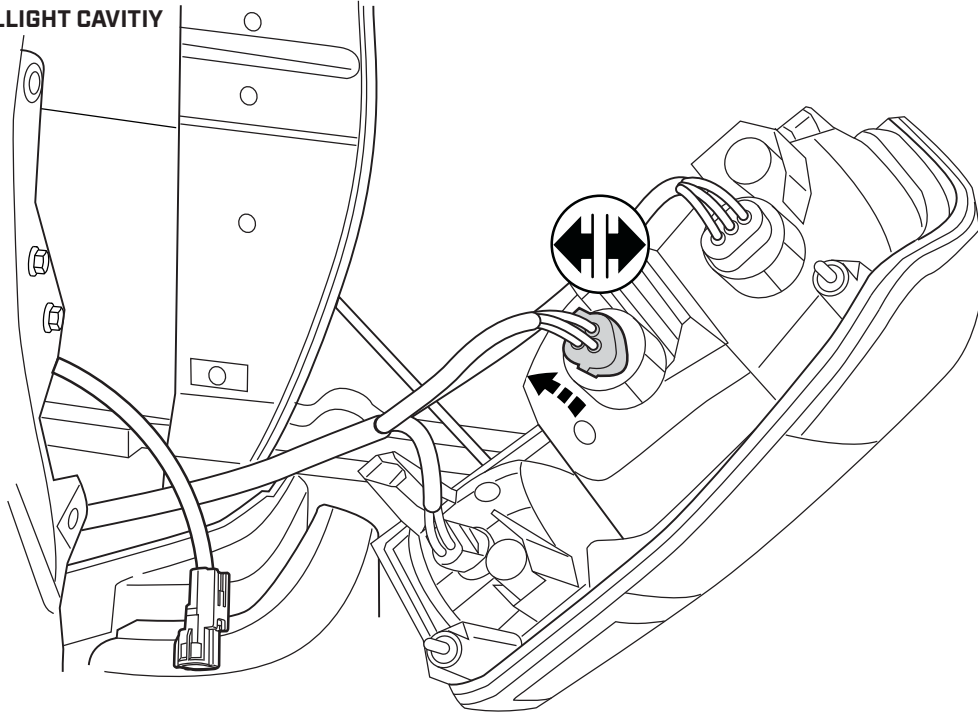


I-SHEET-ROW-U2

STEP 87

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

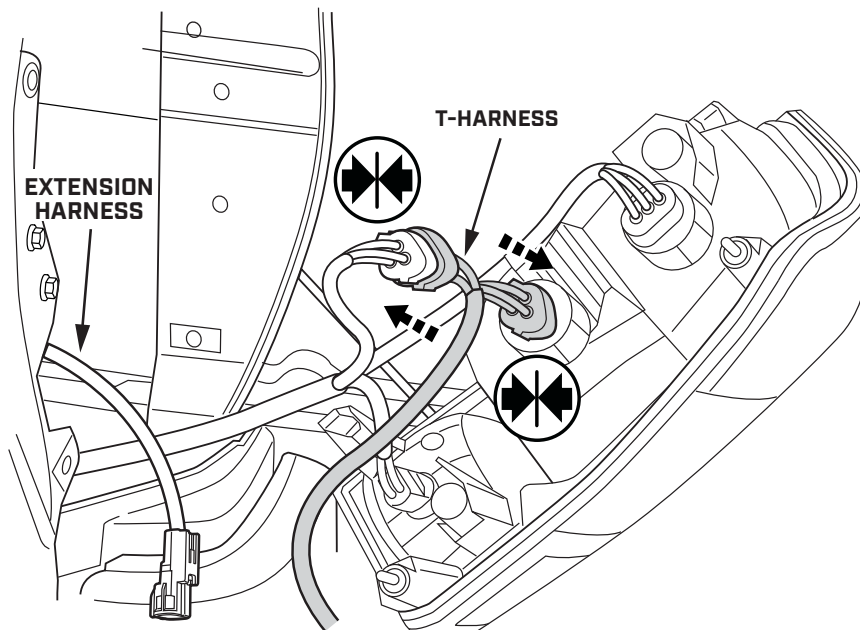
TAILLIGHT CAVITY



STEP 88

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

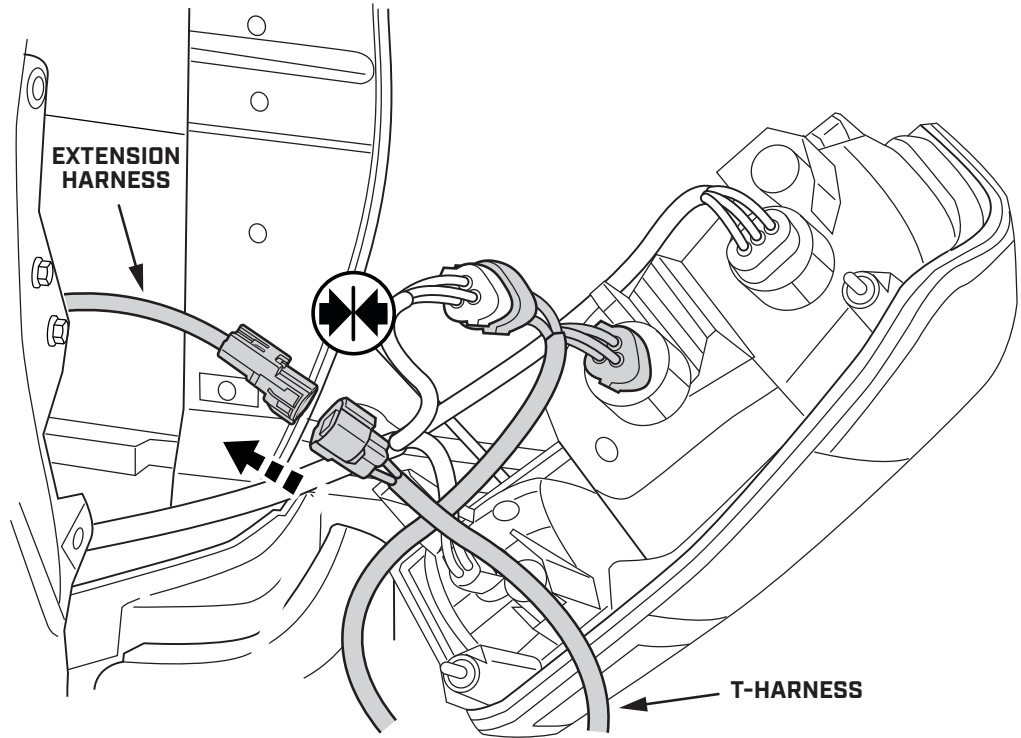
CONNECT THE MALE PLUG FROM THE T-HARNESS INTO THE FEMALE BRAKE LIGHT SOCKET.



I-SHEET-ROW-U2

STEP 89

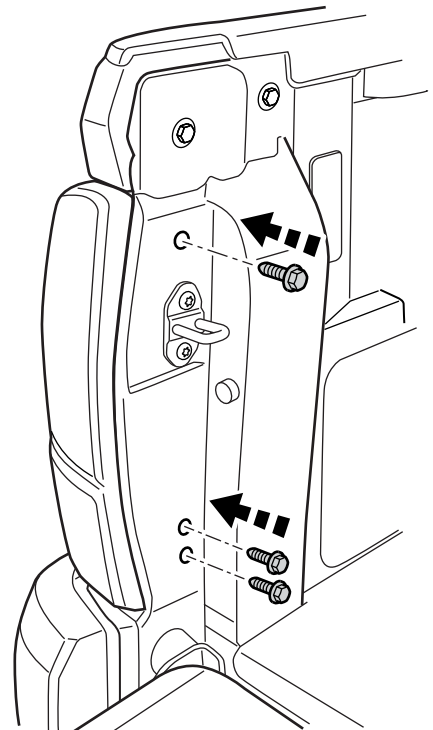
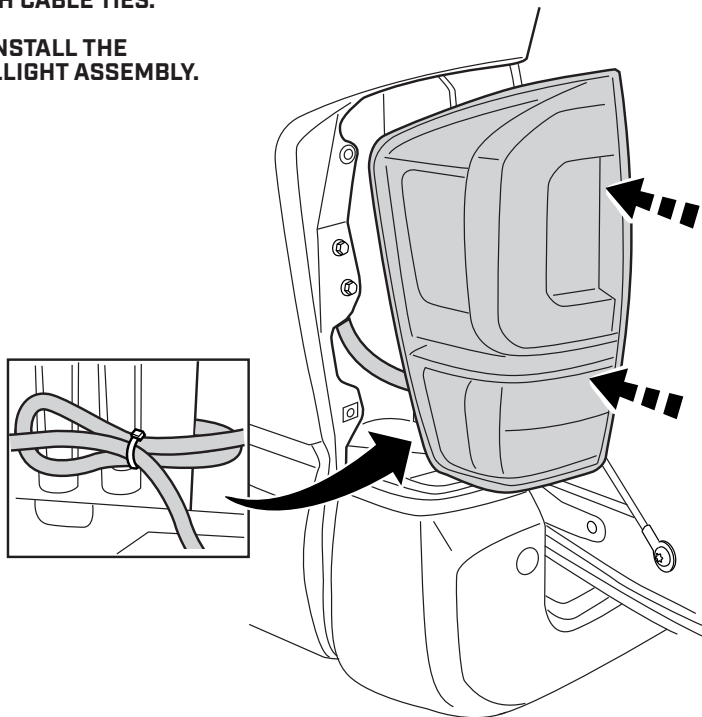
CONNECT THE T-HARNESS TO THE EXTENSION HARNESS.



STEP 90

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

REINSTALL THE TAILLIGHT ASSEMBLY.



I-SHEET-ROW-U2

STEP 91



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.

[SMARTCAP.COM](https://www.smartcap.com)
SUPPORT.NA@SMARTCAP.COM - NORTH AMERICA
SUPPORT.SA@SMARTCAP.COM - REST OF WORLD

