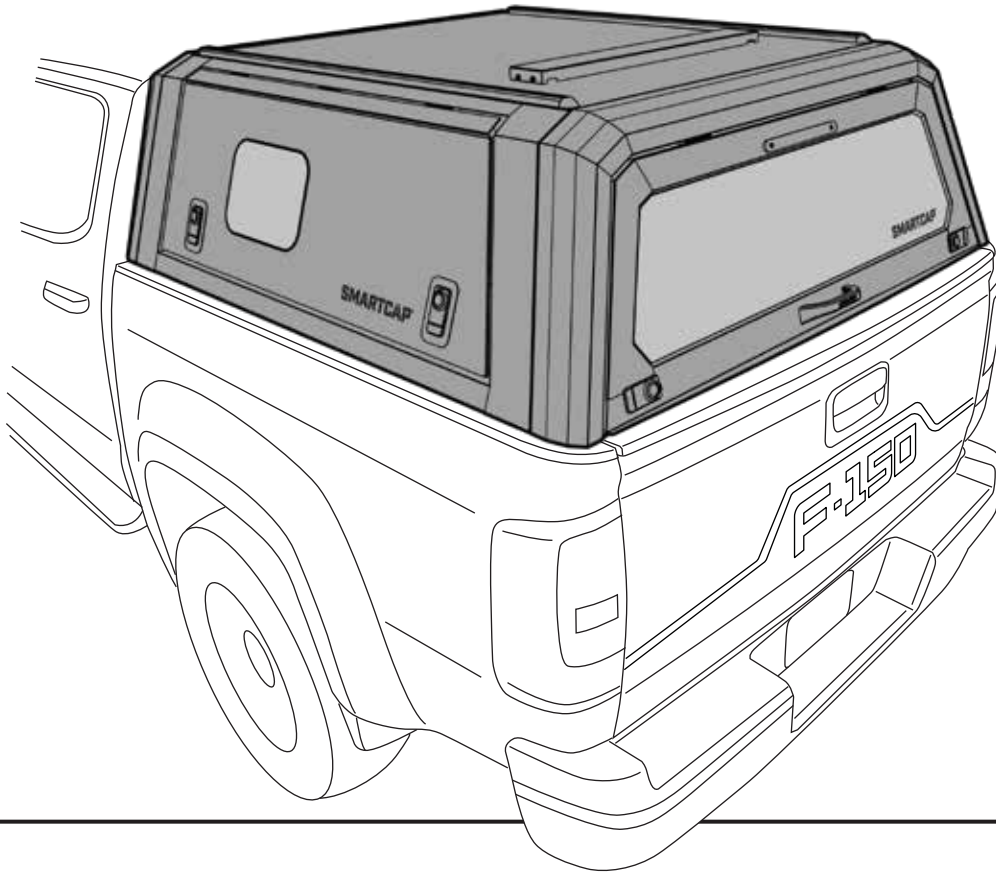


SMARTCAP®

INSTRUCTION GUIDE

FORD F-150 EDITION

2021-2023 (4TH 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.**

SMARTCAP.COM

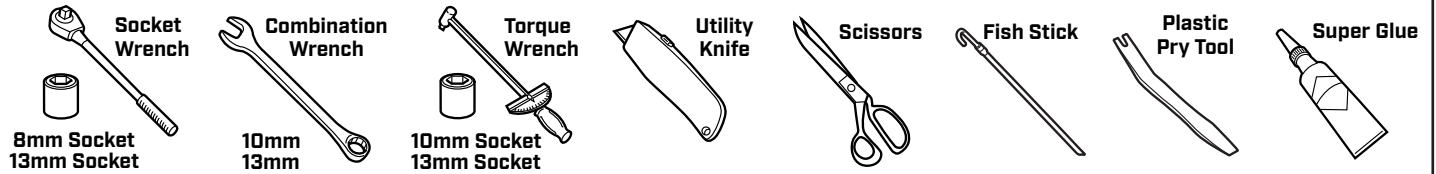
SUPPORT.NA@SMARTCAP.COM - NORTH AMERICA

SUPPORT.SA@SMARTCAP.COM - REST OF WORLD



I-SHEET-NA-F2

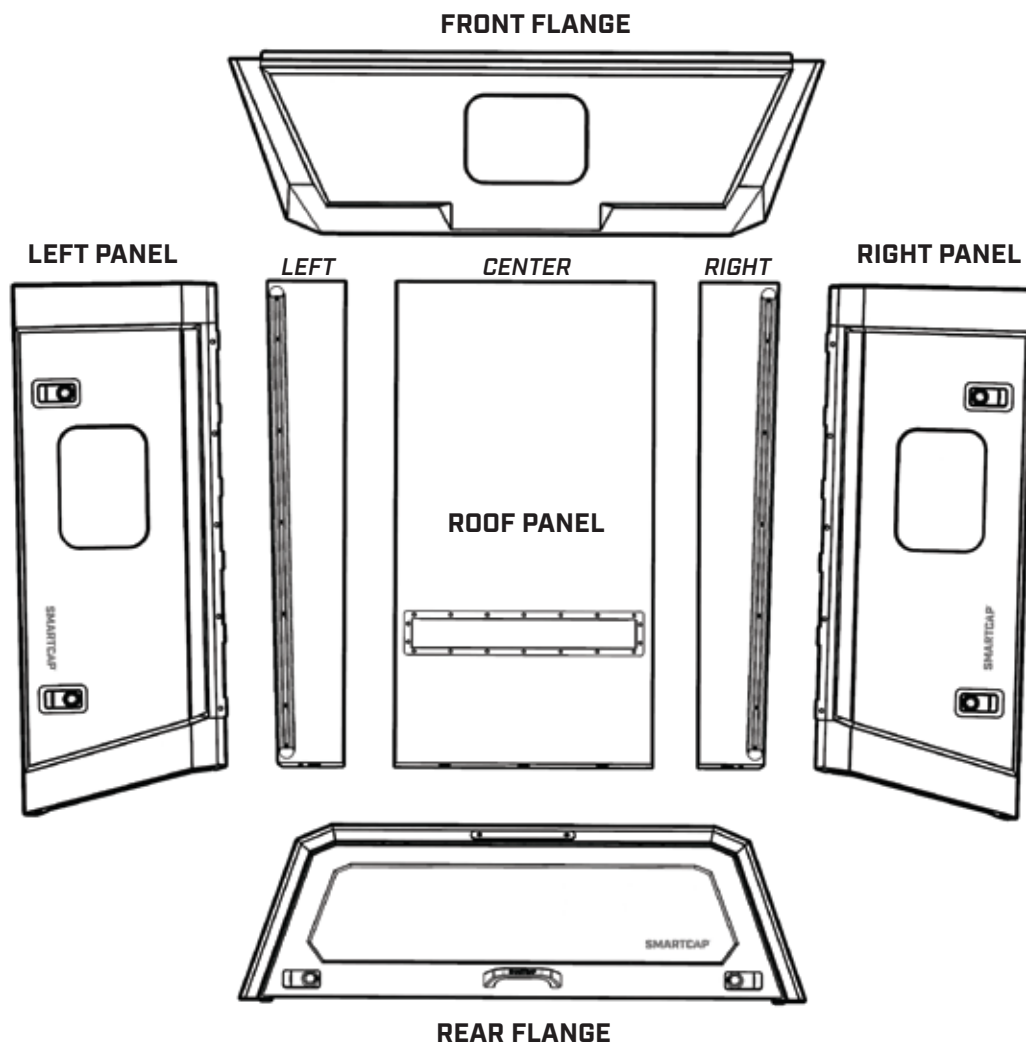
TOOLS REQUIRED



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

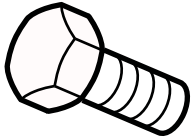


I-SHEET-NA-F2

ASSEMBLY HARDWARE

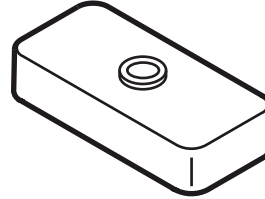
FITMENT KIT

M6 BOLT



40X

**FASTENER
BLOCK CLAMP**



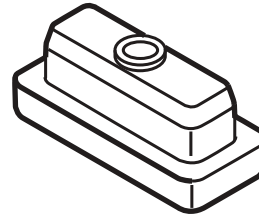
40X

**M6 LOCK
WASHER**



40X

**FASTENER
BLOCK**



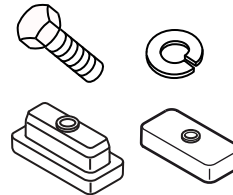
40X

D - RUBBER



1X

SPARE PARTS



2X

PRE-FASTENED TO ROOF PANEL

**M6 FENDER
WASHER**



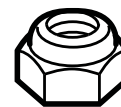
12X

SHORT BED

14X

STANDARD BED

**M6 LOCK
NUT**



12X

SHORT BED

14X

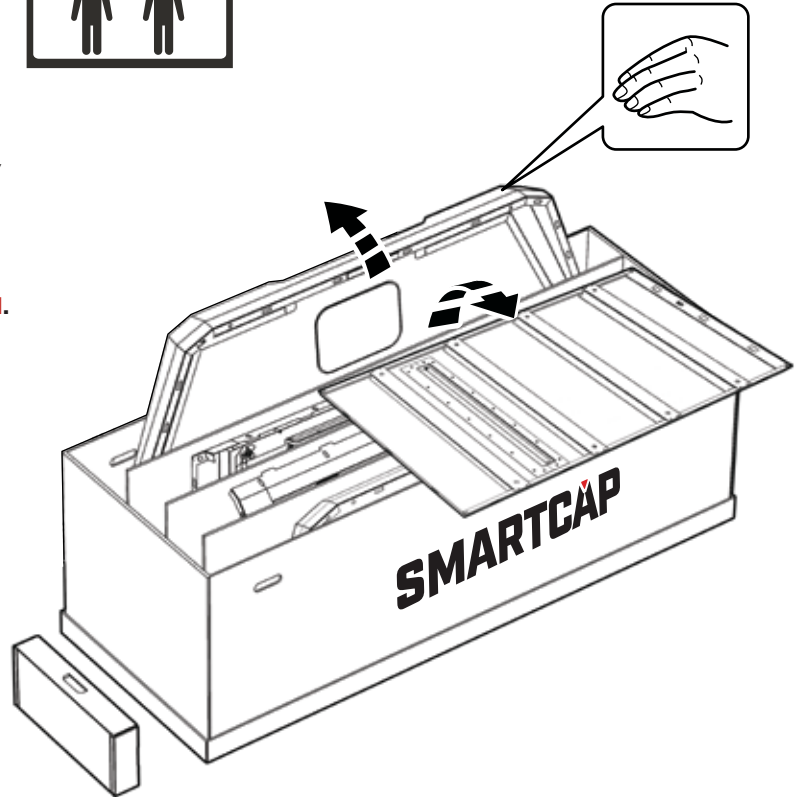
STANDARD BED

STEP 1



IMPORTANT

▼ BE SURE TO REMOVE ALL SEVEN PANELS FROM THEIR PACKAGING AND INSPECT THE PAINTED SURFACES PRIOR TO ASSEMBLY, AS SMARTCAP WILL NOT ACCEPT 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.

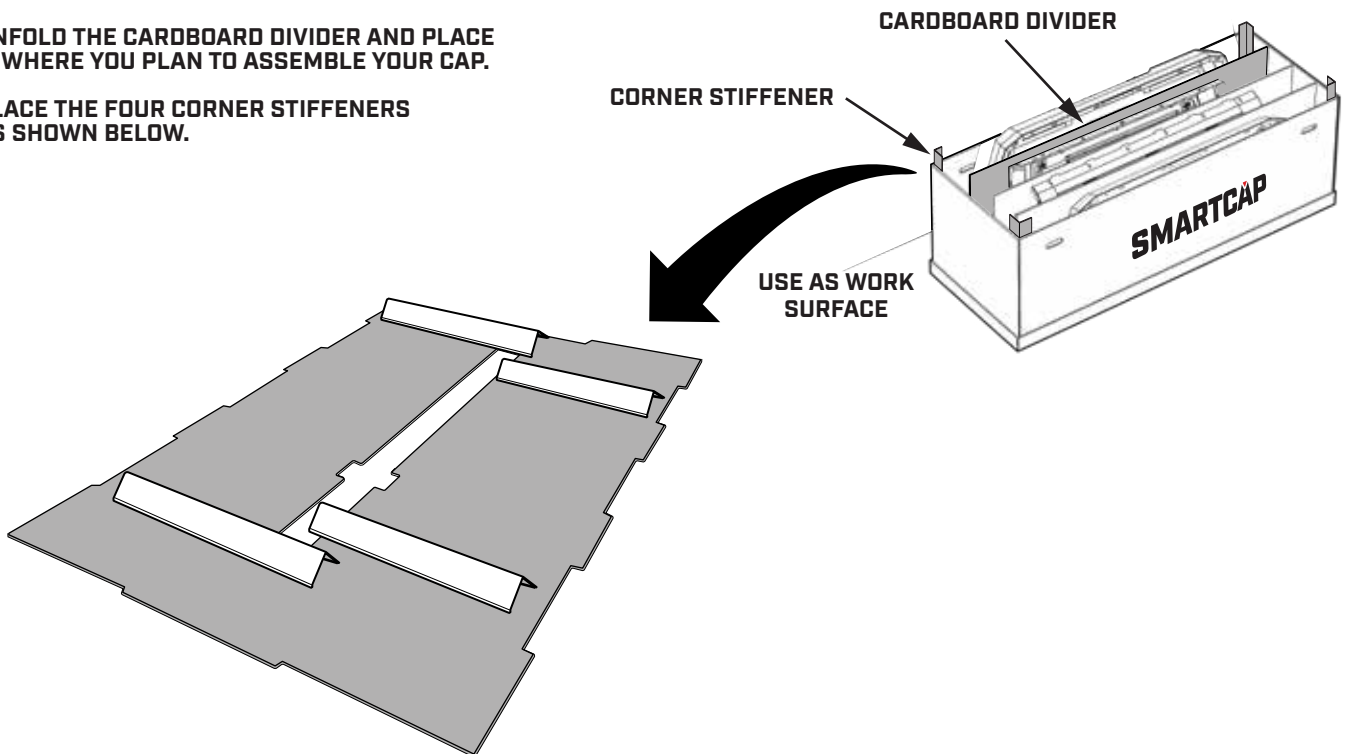


STEP 2

REMOVE THE FOUR CORNER STIFFENERS AND ONE OF THE CARDBOARD DIVIDERS TO BE USED AS A PROTECTIVE SURFACE DURING ASSEMBLY.

UNFOLD THE CARDBOARD DIVIDER AND PLACE IT WHERE YOU PLAN TO ASSEMBLE YOUR CAP.

PLACE THE FOUR CORNER STIFFENERS AS SHOWN BELOW.

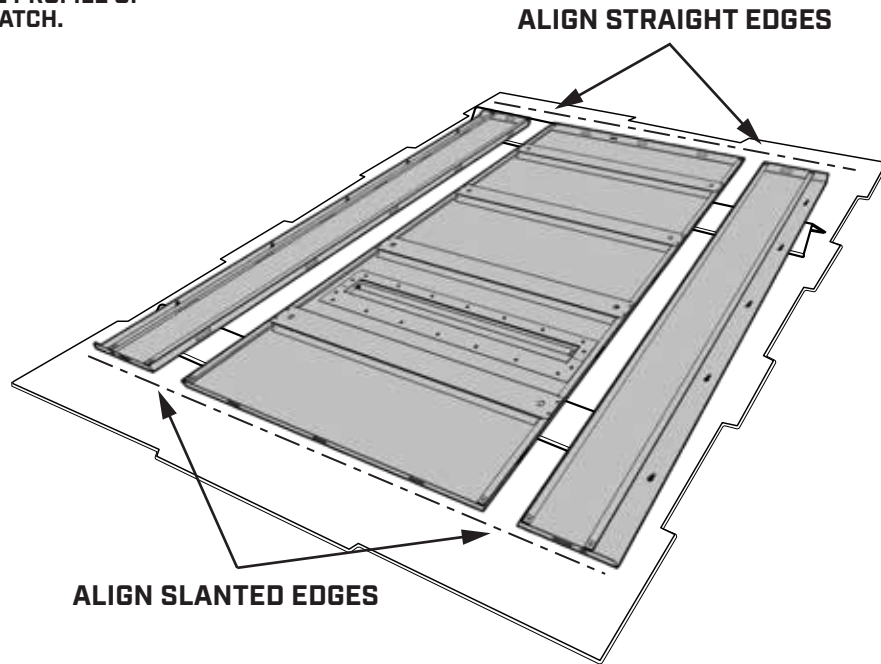


I-SHEET-NA-F3

STEP 3

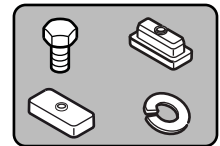
PLACE THE ROOF PANELS ON TOP OF THE CORNER STIFFENERS, WITH THE BOTTOM OF THE ROOF PANELS FACING UP.

ALIGN THE PANELS SO THAT THE PROFILE OF THE FRONT AND REAR EDGES MATCH.

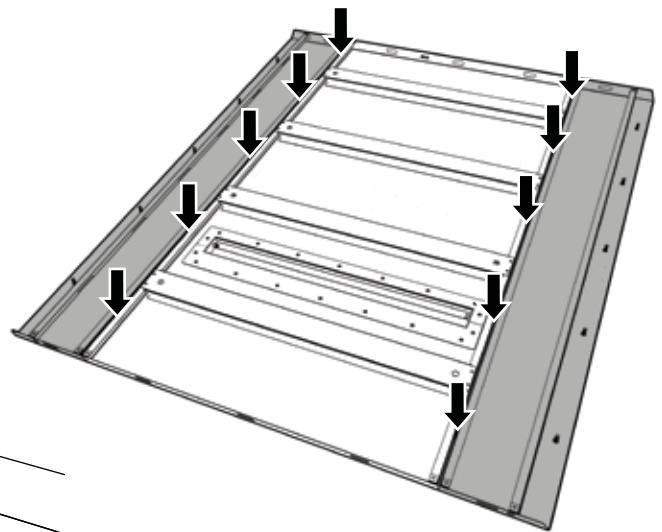


STEP 4

ASSEMBLE THE FASTENER BLOCKS TO THE ROOF PANELS USING A TORQUE WRENCH AND 10MM SOCKET TO 3.7 FT. LBS [5 NEWTON METERS].



MAKE SURE ROOF PANELS ARE LEVEL



12X SHORT BED

14X STANDARD BED

10mm



M6 BOLT

BLOCK CLAMP

M6 LOCK WASHER

FASTENER BLOCK

[3.7 ft. lbs]/[5 Nm]

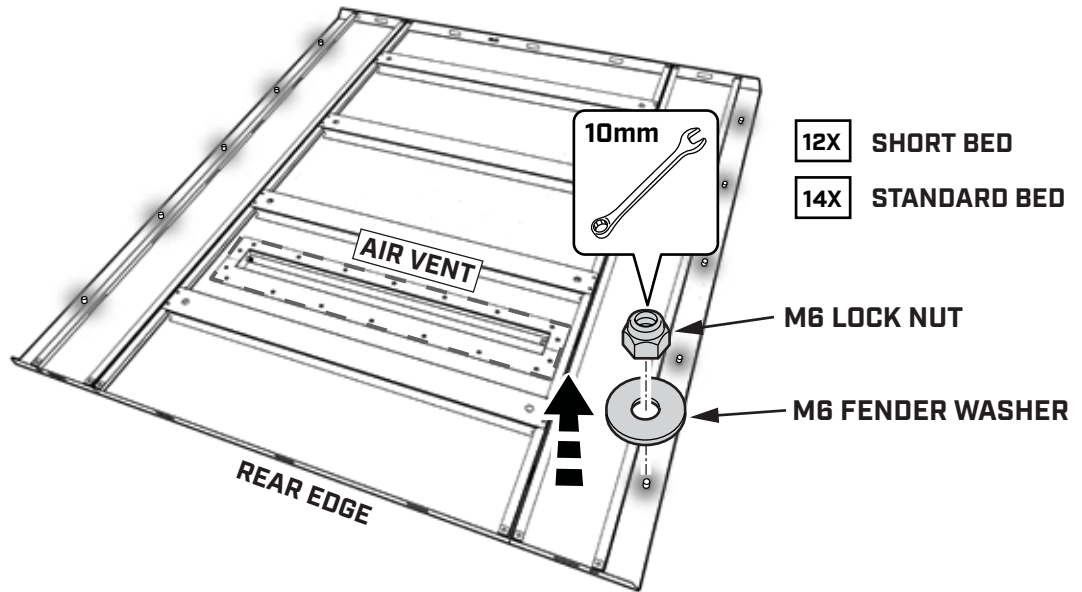
I-SHEET-NA-F3

STEP 5

USE A 10MM COMBINATION WRENCH TO REMOVE THE LOCK NUTS AND FENDER WASHERS FROM THE ROOF BOLTS AND SAVE FOR REUSE.



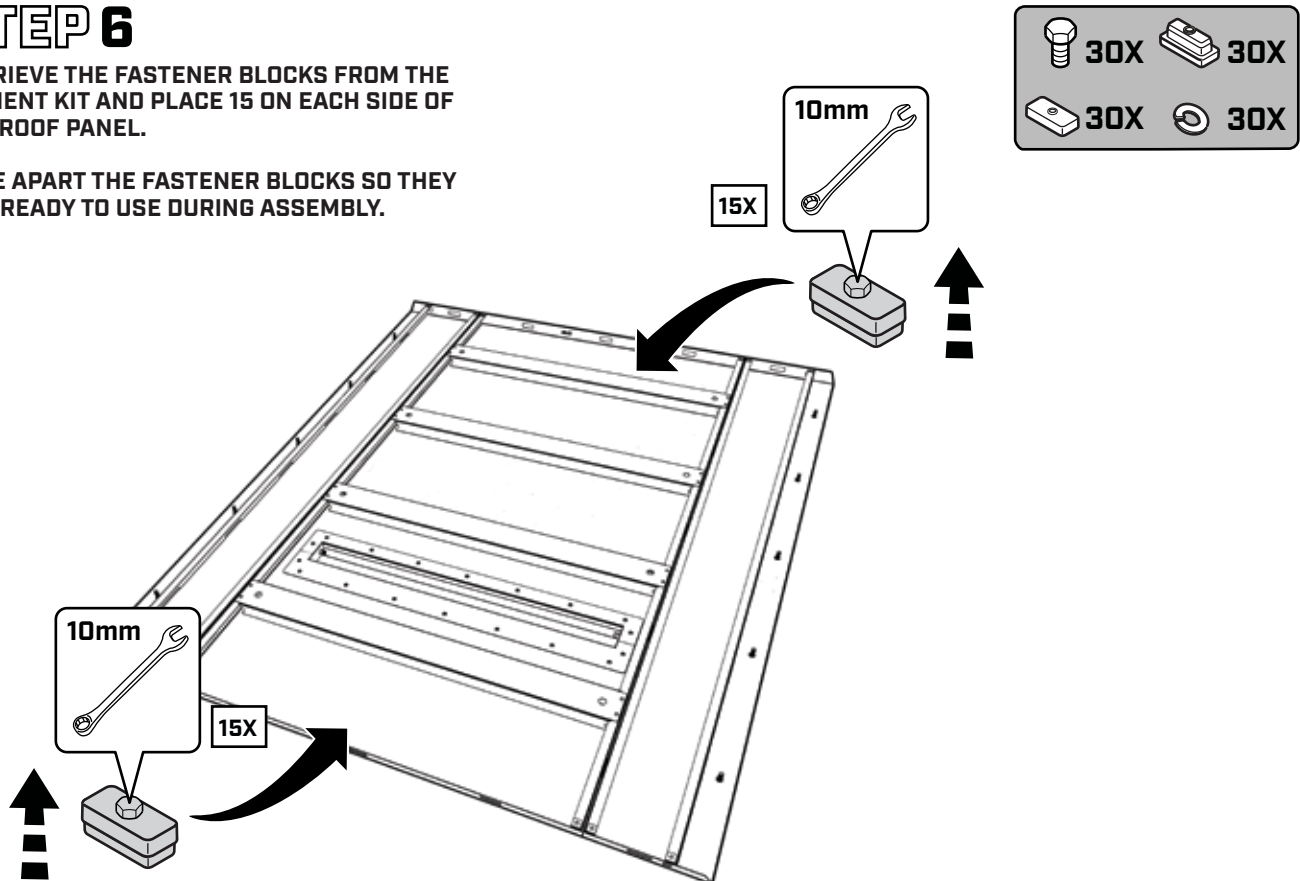
AIR VENT INDICATES REAR



STEP 6

RETRIEVE THE FASTENER BLOCKS FROM THE FITMENT KIT AND PLACE 15 ON EACH SIDE OF THE ROOF PANEL.

TAKE APART THE FASTENER BLOCKS SO THEY ARE READY TO USE DURING ASSEMBLY.



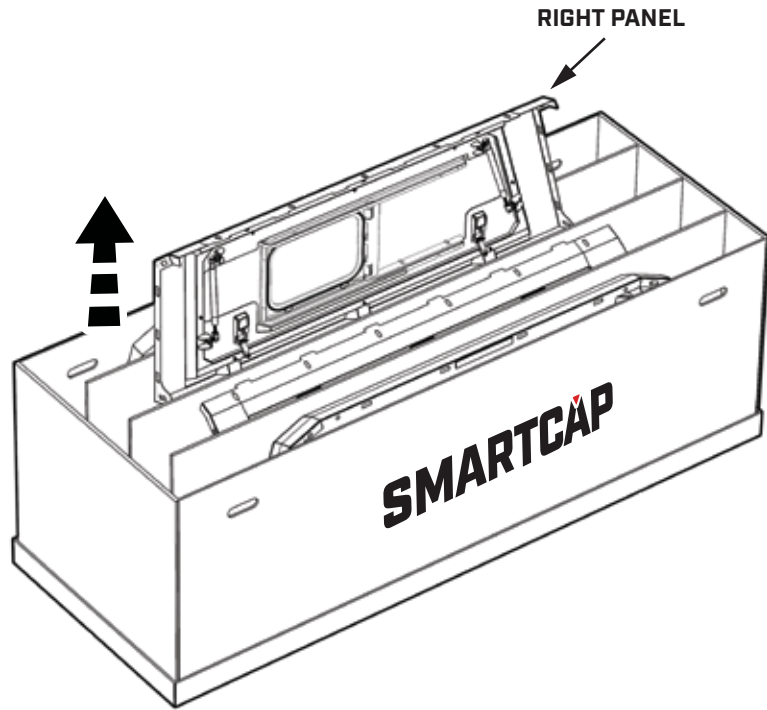
I-SHEET-NA-F3

STEP 7

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



SLANTED EDGE INDICATES REAR

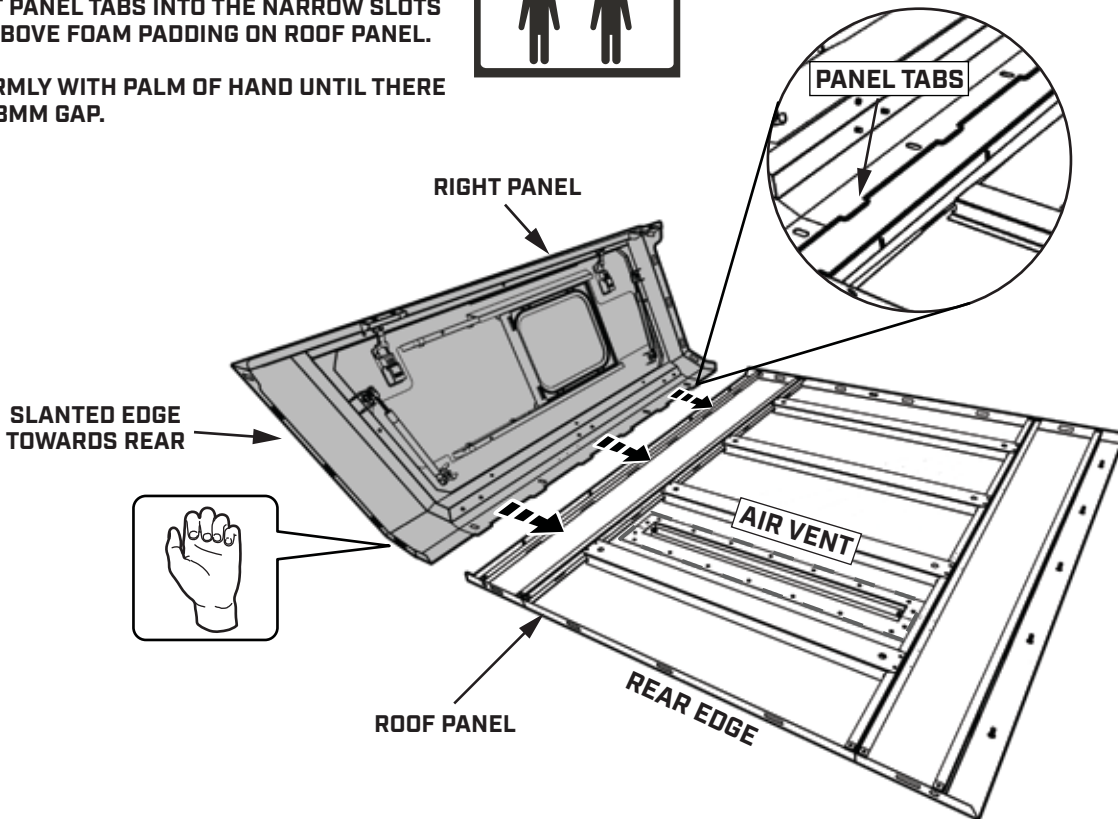


STEP 8

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



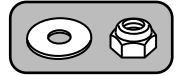
TAP FIRMLY WITH PALM OF HAND UNTIL THERE IS A 2-3MM GAP.



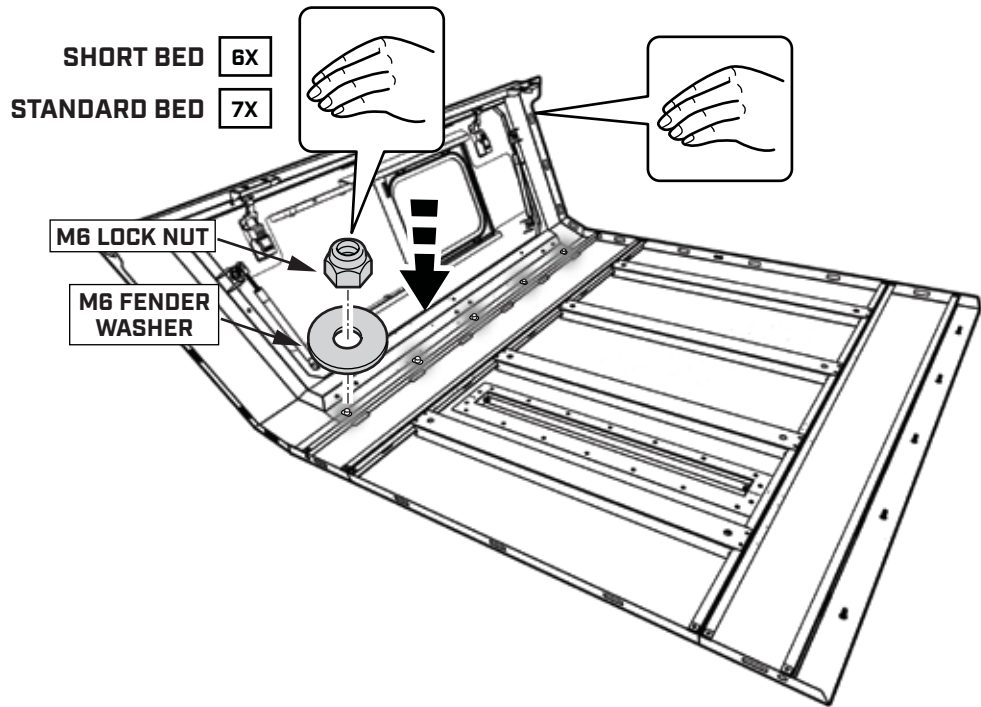
I-SHEET-NA-F3

STEP 9

HAND TIGHTEN M6 LOCK NUT WITH M6 FENDER WASHER TO ALL BOLTS.

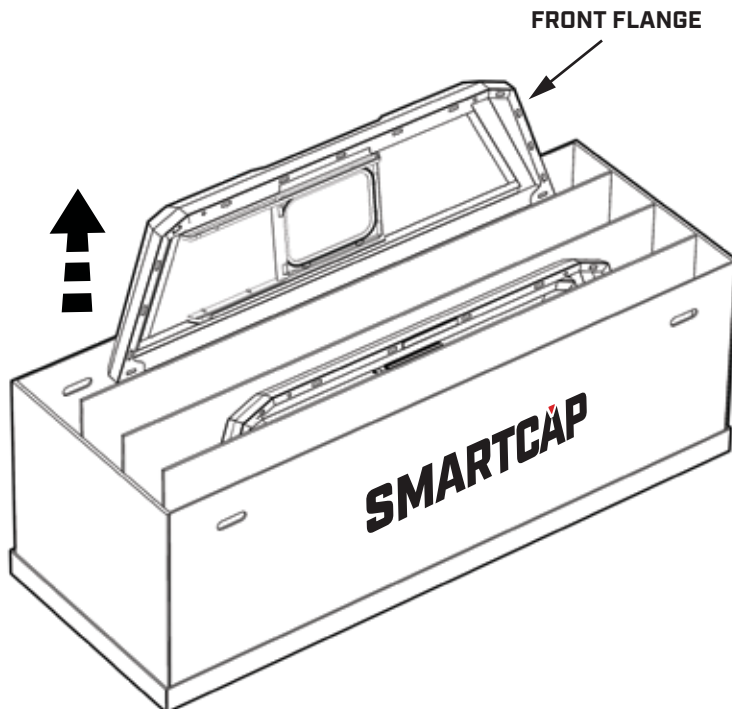


SUPPORT RIGHT PANEL UNTIL ASSEMBLED TO FRONT FLANGE



STEP 10

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

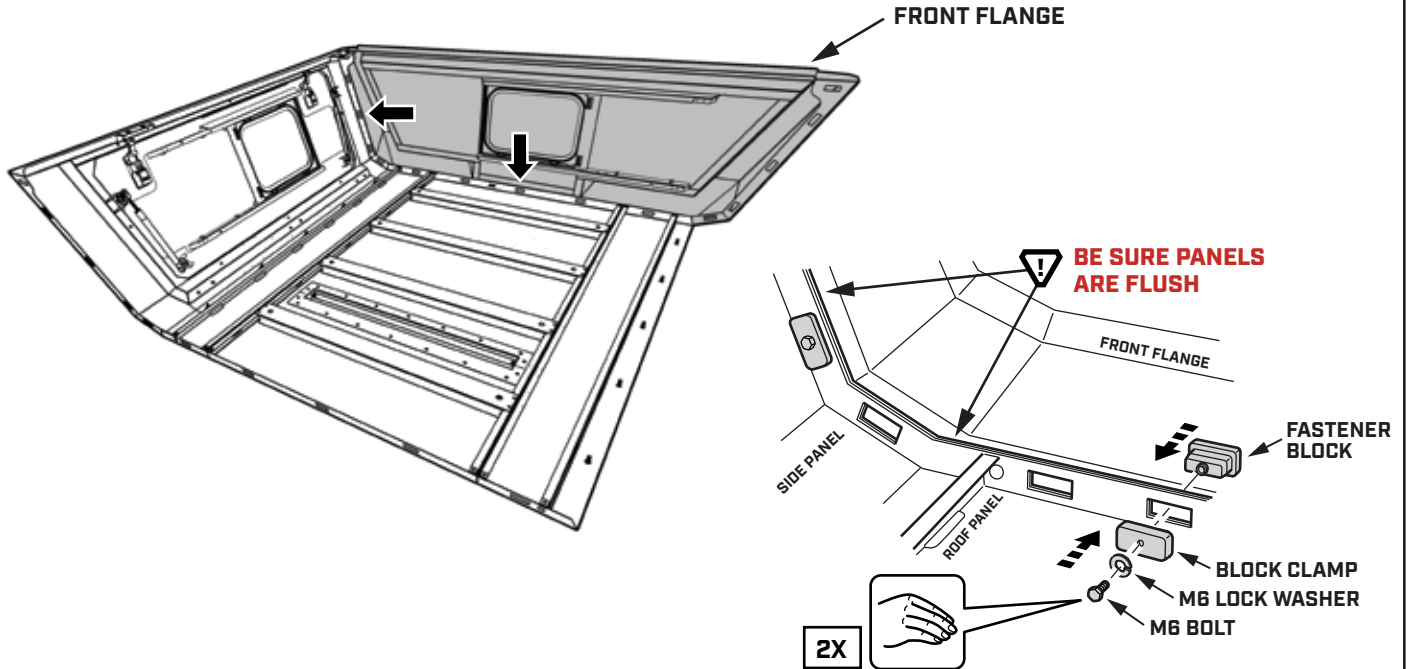


I-SHEET-NA-F3

STEP 11

PLACE FRONT FLANGE AS SHOWN BELOW.

HAND TIGHTEN TWO FASTENER BLOCKS AT THE INDICATED LOCATIONS TO SUPPORT THE RIGHT PANEL AND FRONT FLANGE.

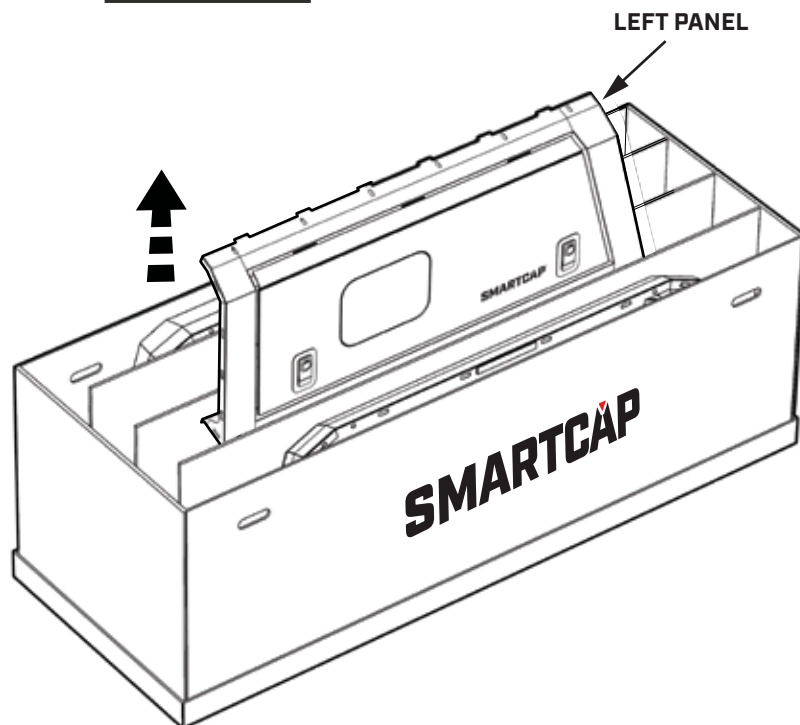


STEP 12

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



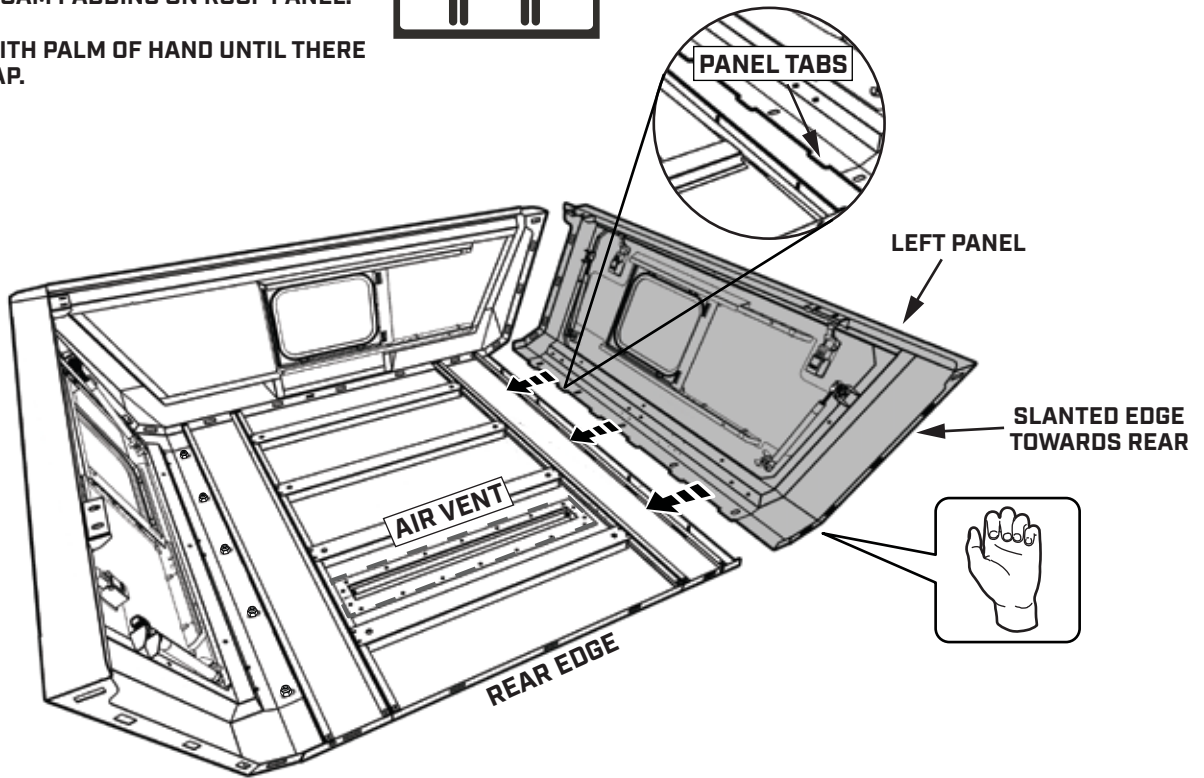
SLANTED EDGE INDICATES REAR



STEP 13

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

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

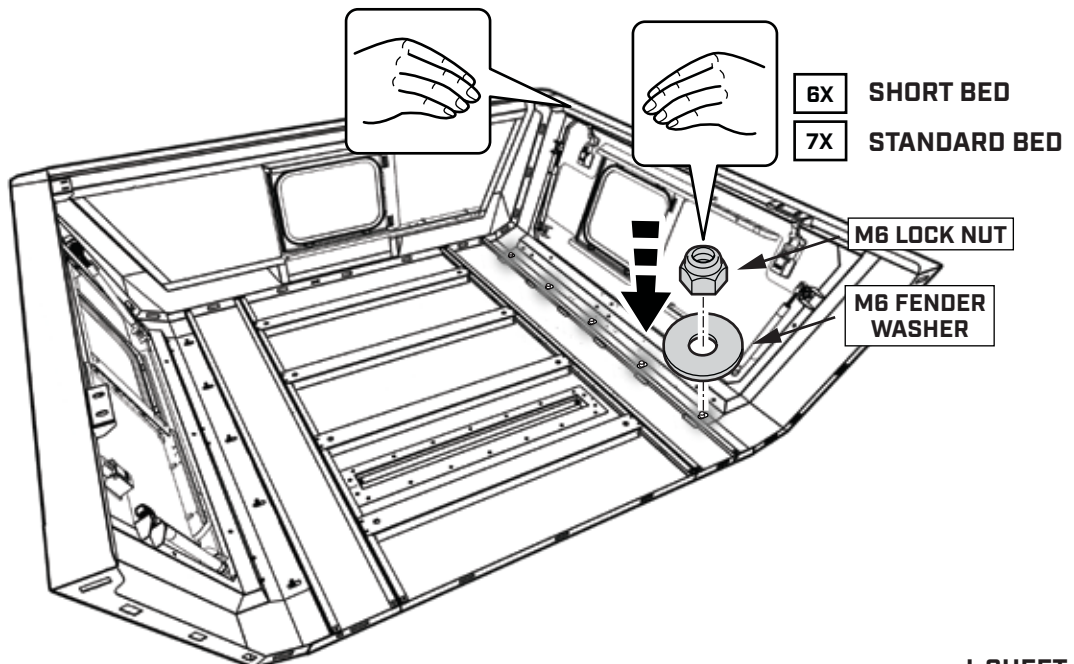


STEP 14

HAND TIGHTEN M6 LOCK NUT WITH M6 FENDER WASHER TO ALL BOLTS.



SUPPORT LEFT PANEL UNTIL ASSEMBLED TO FRONT FLANGE



I-SHEET-NA-F3

STEP 15

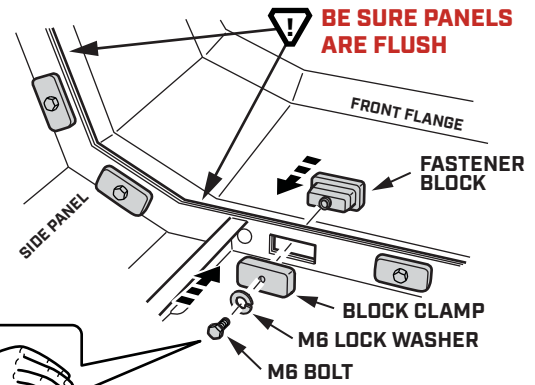
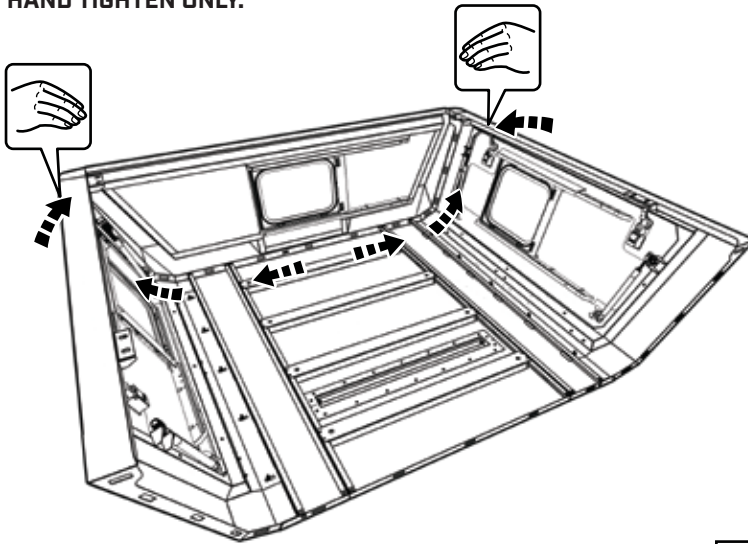
INSTALL HARDWARE ALONG FRONT FLANGE WITH BOLT ON INSIDE.



START AT CENTER OF THE FRONT FLANGE AND WORK YOUR WAY OUTWARDS.

ADJUST LEFT AND RIGHT PANELS TO ALIGN THE FASTENER BLOCK HOLES.

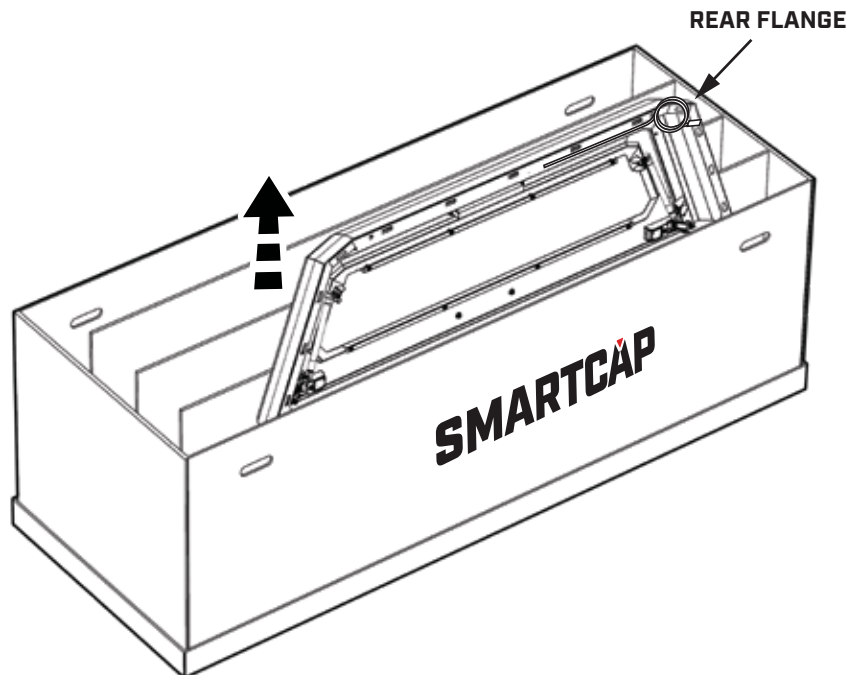
HAND TIGHTEN ONLY.



13X

STEP 16

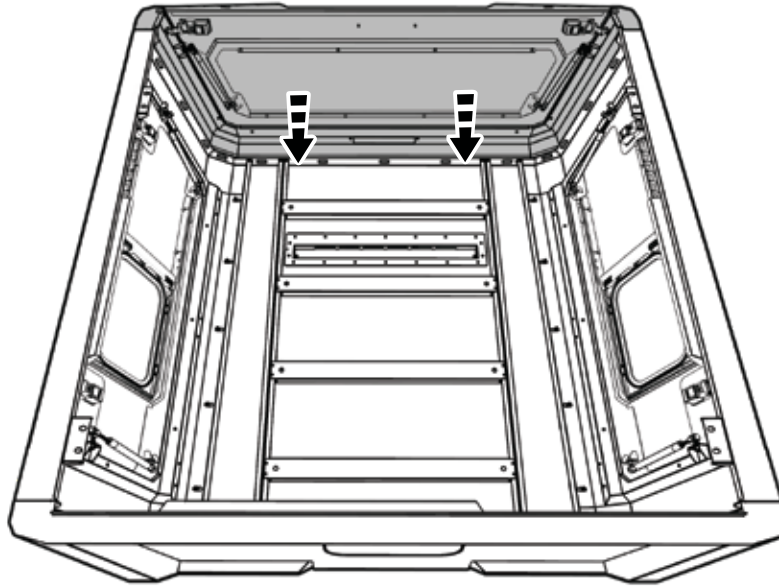
LOCATE THE REAR FLANGE IN THE SMARTCAP PACKAGE AND BRING IT TO YOUR WORK AREA.



I-SHEET-NA-F3

STEP 17

PLACE REAR FLANGE AS SHOWN BELOW.



STEP 18

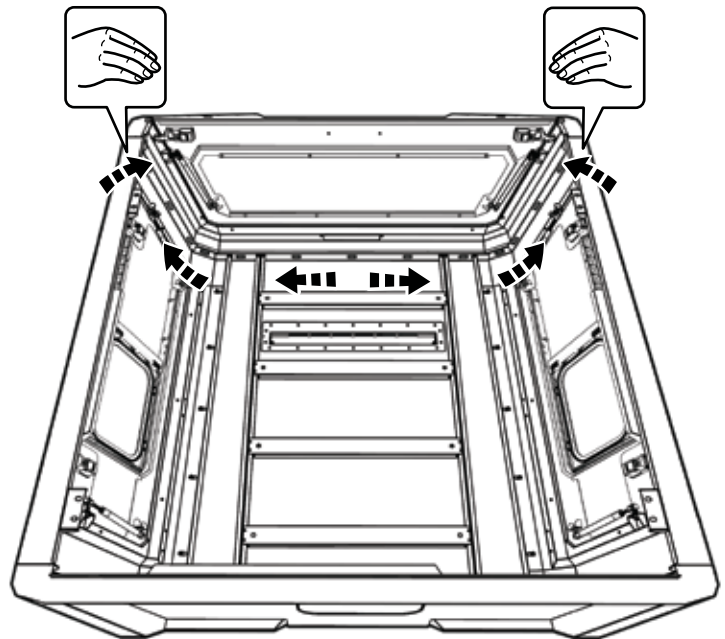
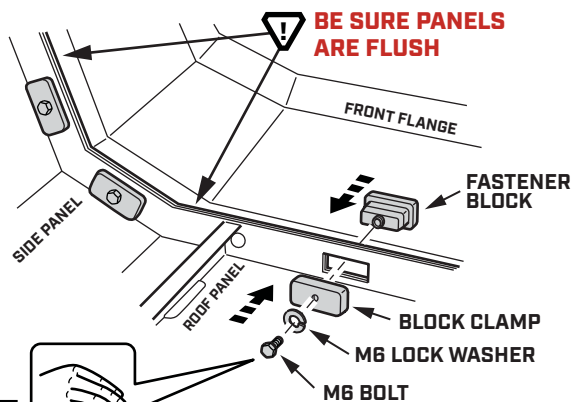
INSTALL HARDWARE ALONG REAR FLANGE WITH BOLT ON INSIDE.



START AT CENTER OF THE REAR FLANGE AND WORK YOUR WAY OUTWARDS.

ADJUST LEFT AND RIGHT PANELS TO ALIGN THE FASTENER BLOCK HOLES.

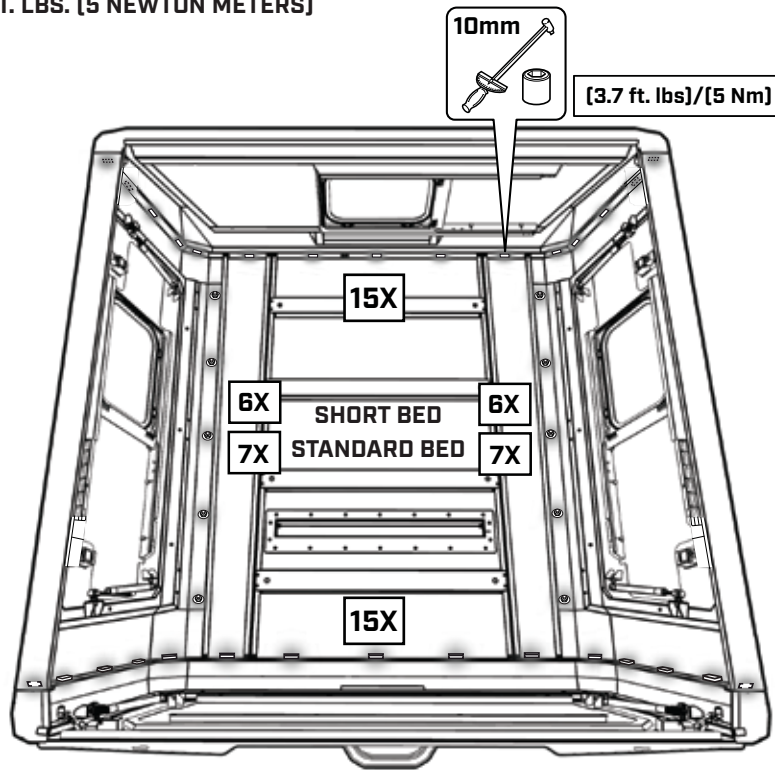
HAND TIGHTEN ONLY.



I-SHEET-NA-F3

STEP 19

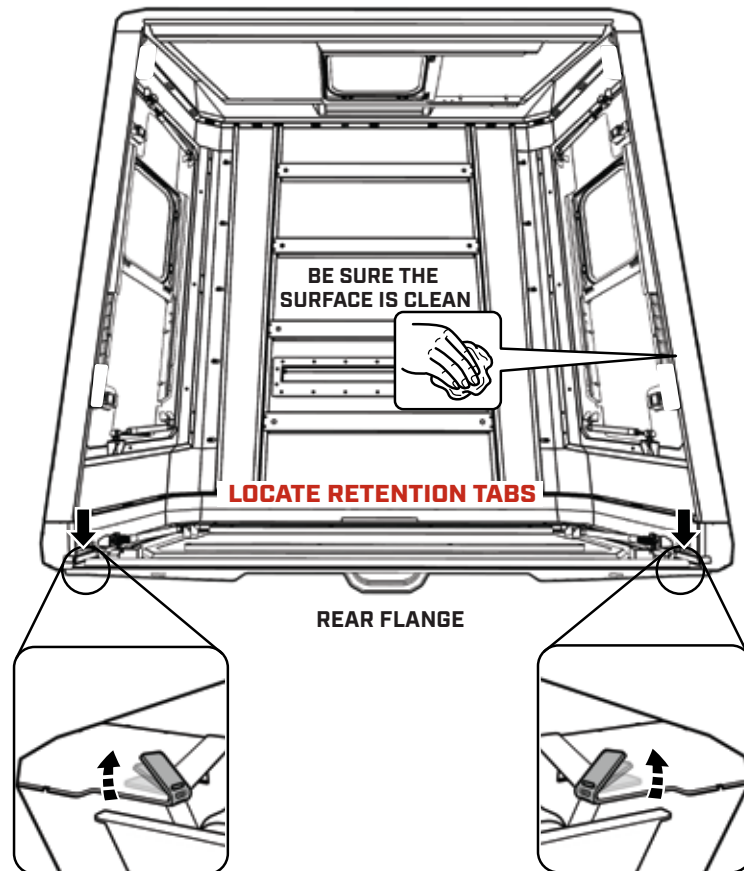
TIGHTEN ALL HARDWARE WITH TORQUE WRENCH AND 10MM SOCKET TO 3.7 FT. LBS. (5 NEWTON METERS)



STEP 20

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.

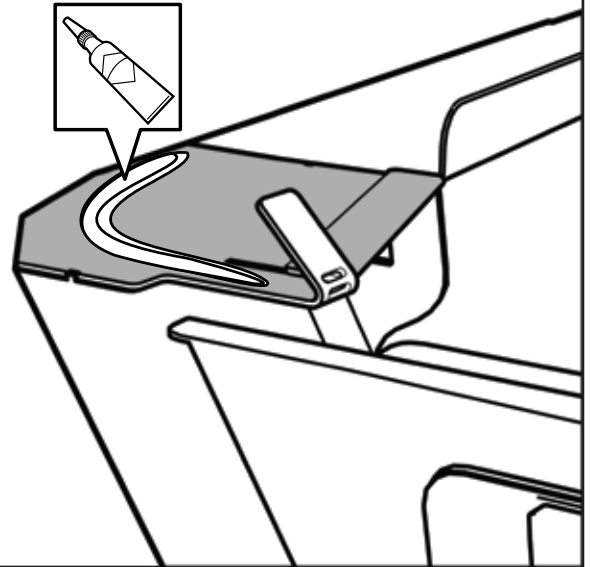
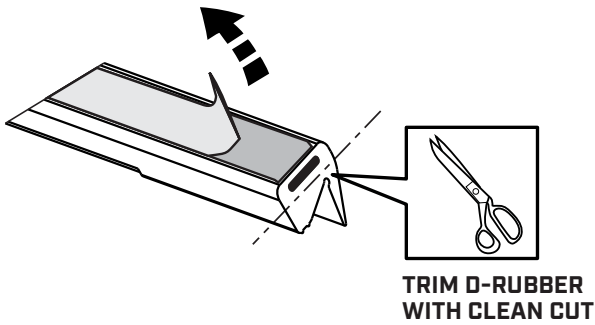


STEP 21



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

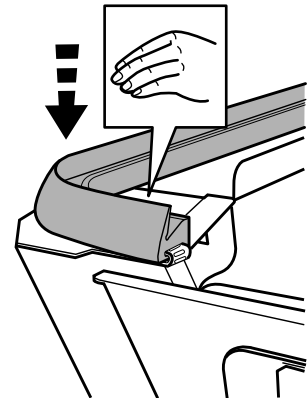
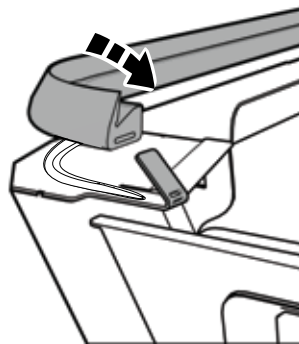
APPLY 2-3 INCHES SUPER GLUE NEAR THE RETENTION TABS, ALONG THE BOTTOM EDGE OF THE REAR FLANGE



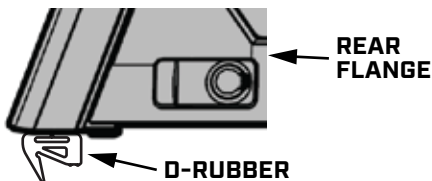
STEP 22

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.

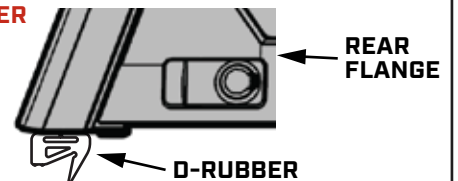
PRESS DOWN FIRMLY ON THE TAB AND THE D-RUBBER TO BOND IT TO THE REAR FLANGE, CREATING A TIGHT SEAL.



CORRECT D-RUBBER ORIENTATION



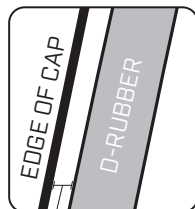
INCORRECT D-RUBBER ORIENTATION



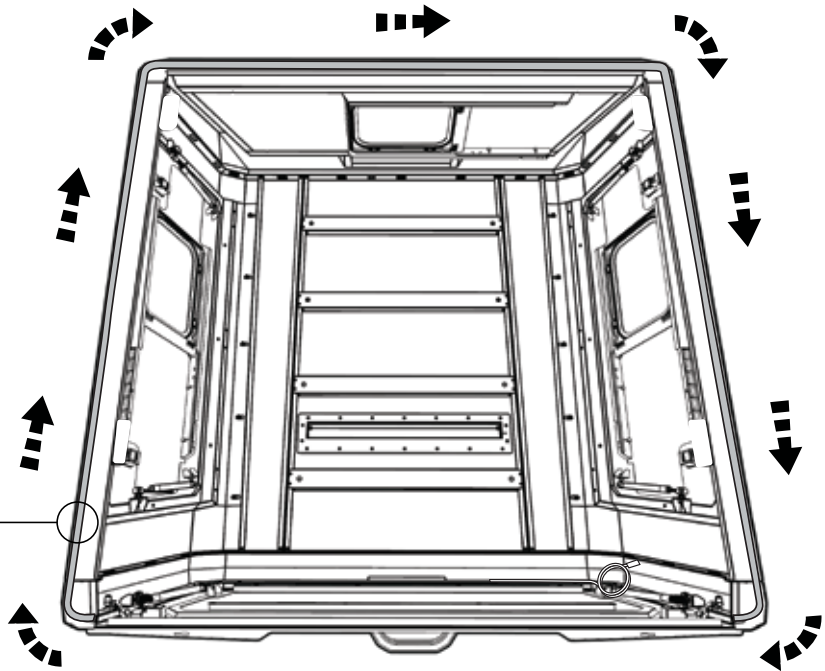
STEP 23

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 24

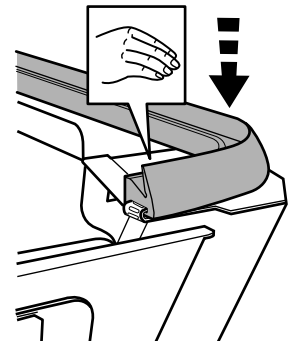
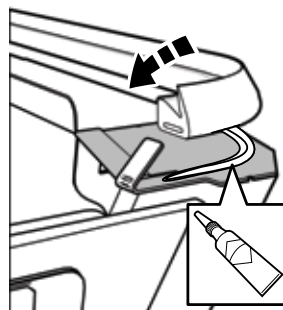
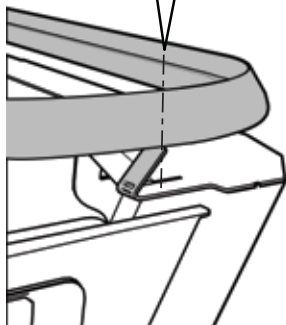
TRIM ANY EXCESS D-RUBBER BEYOND THE EDGE FOR A NEAT FINISH.

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.

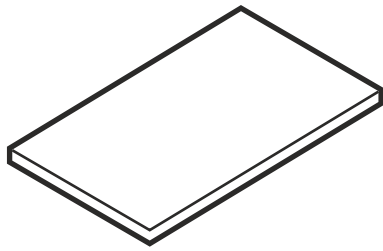


TRIM D-RUBBER
WITH CLEAN CUT



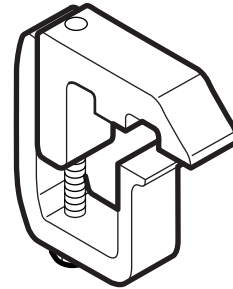
INSTALLATION HARDWARE

THIN RUBBER PAD



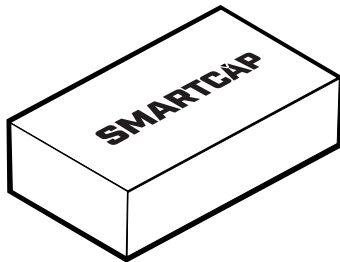
6X

MOUNTING CLAMP



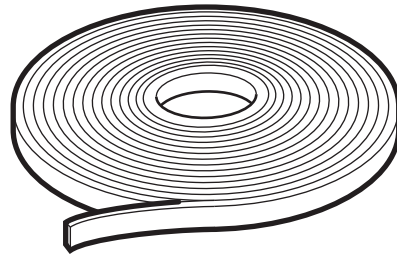
6X

THICK RUBBER PAD



8X

FOAM SEAL TAPE



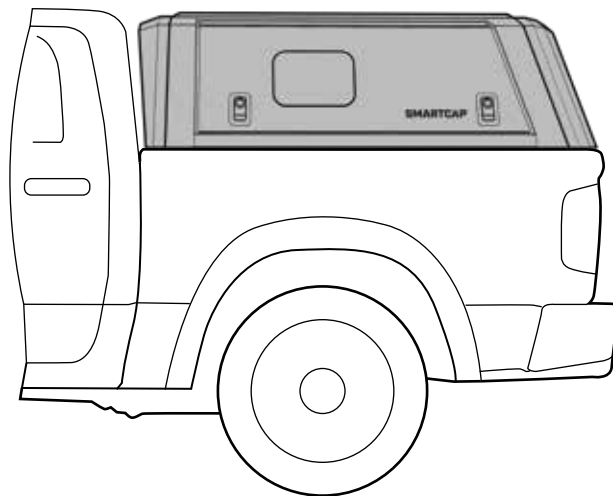
1X

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.
- ▼ READ THROUGH THE ENTIRE PROCEDURE BEFORE STARTING.



I-SHEET-NA-F2

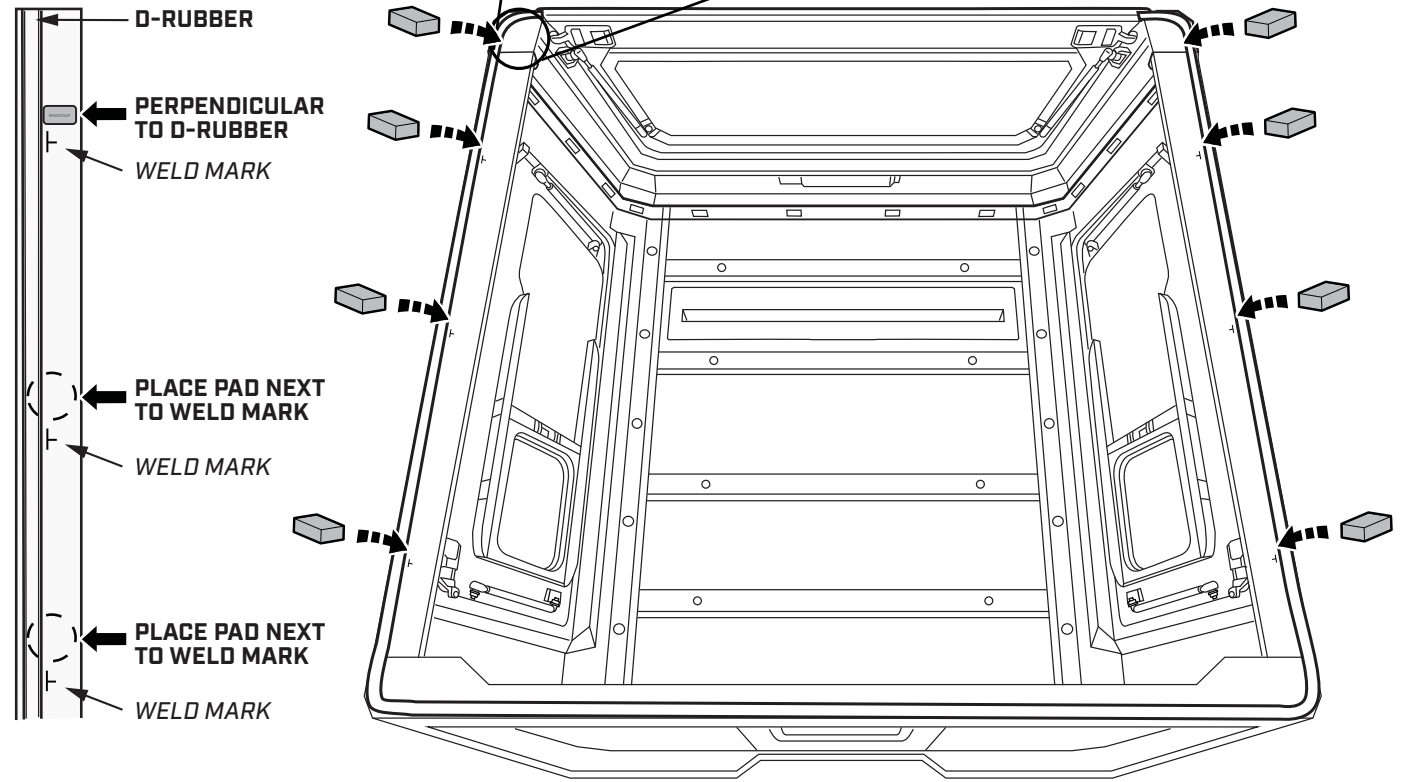
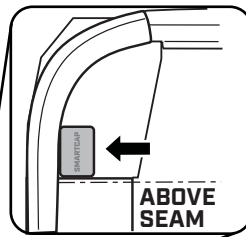
STEP 25

REMOVE THE ADHESIVE BACKING FROM THE THICK RUBBER PAD.

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

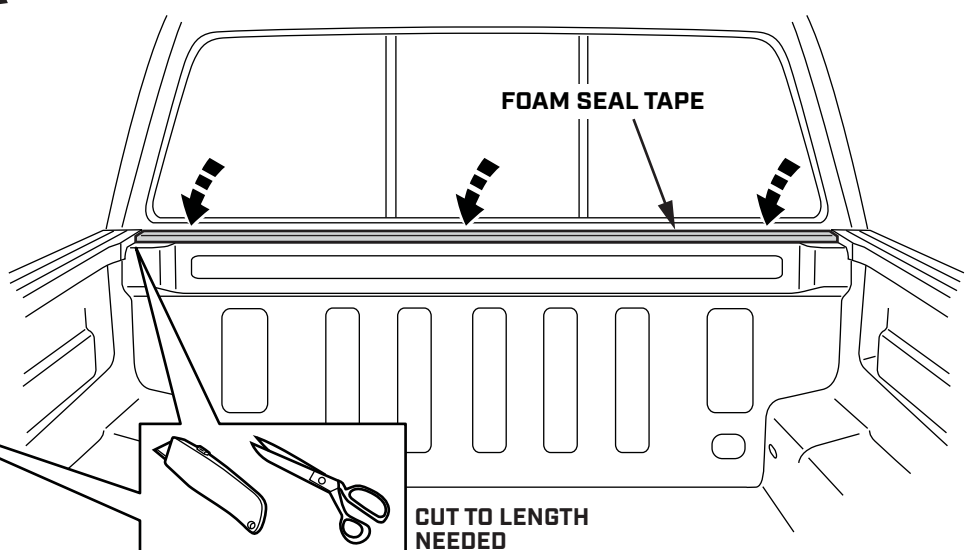
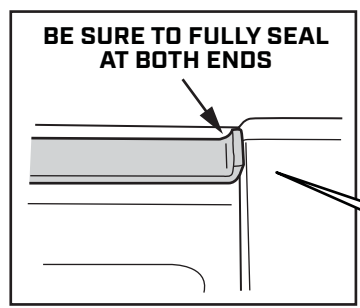
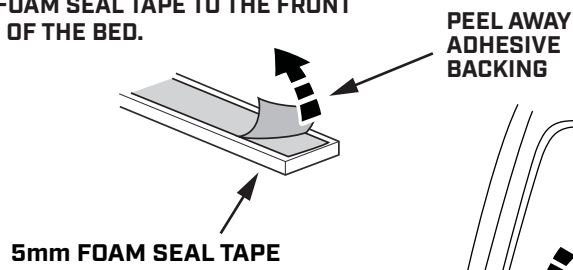
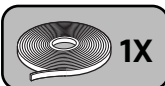


PLACE EXTRA PAD ON REAR FLANGE, PARALLEL TO THE D-RUBBER



STEP 26

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



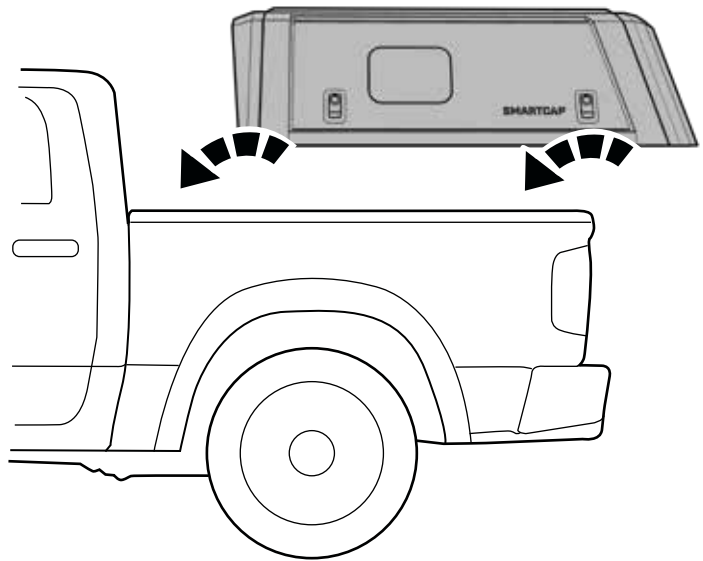
I-SHEET-NA-F2

STEP 27

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

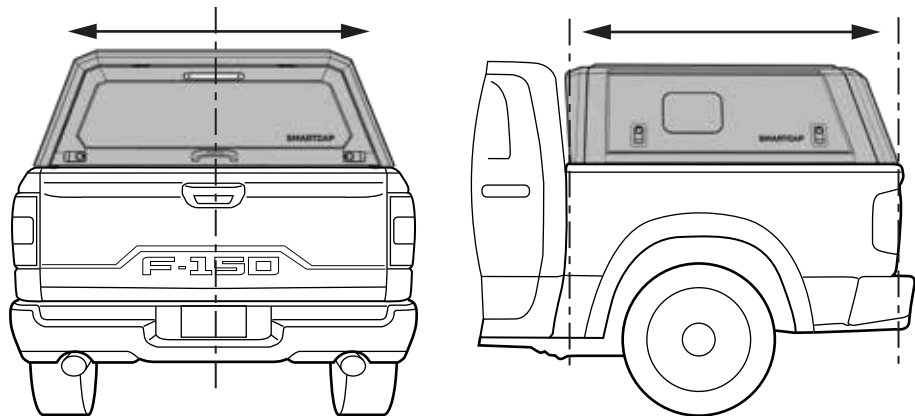


STEP 28

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

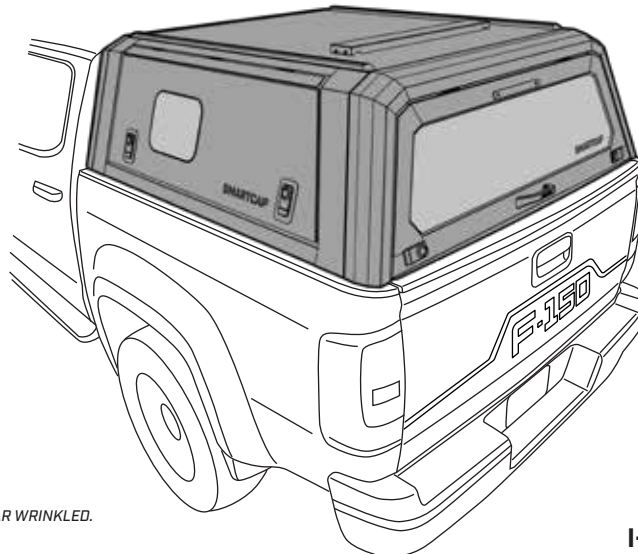
IT'S IMPORTANT THAT THE SMARTCAP IS NOT PUSHED TOO FAR FORWARD, LEAVING A GAP BETWEEN THE SMARTCAP AND THE CAB.

4 PERSON JOB



STEP 29

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.

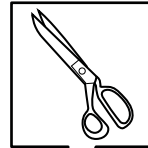
I-SHEET-NA-F2

STEP 30

IN ORDER TO ENSURE CORRECT COMPRESSION OF THE D-RUBBER, YOU MUST TRIM TWO 1" INCH STRIPS FROM TWO DIFFERENT THIN RUBBER PADS.

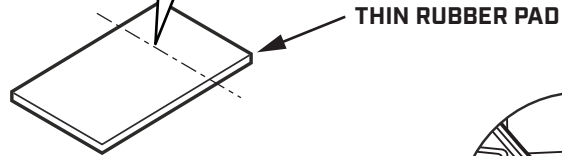
WHILE LIFTING UP ON THE CAP, PLACE 1 STRIP IN EACH REAR CORNER OF THE CAP, IN BETWEEN THE THICK RUBBER PAD AND THE TRUCK BED RAILING.

REPEAT FOR EACH SIDE

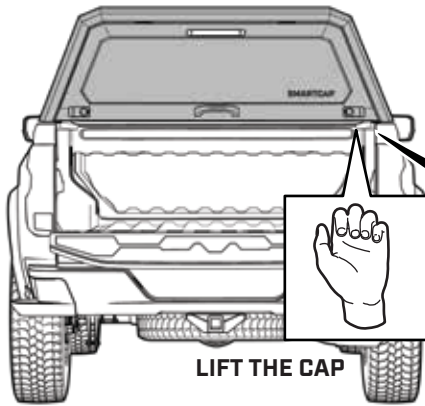


TRIM A 1" INCH STRIP FROM THIN RUBBER PAD.

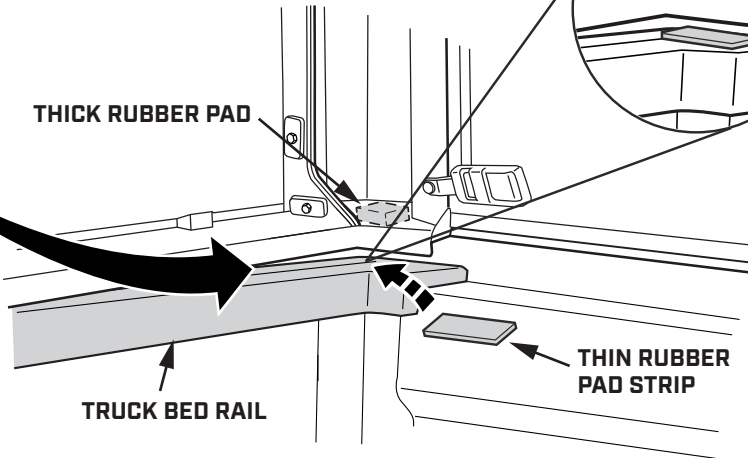
2X



THIN RUBBER PAD



LIFT THE CAP



THICK RUBBER PAD

TRUCK BED RAIL

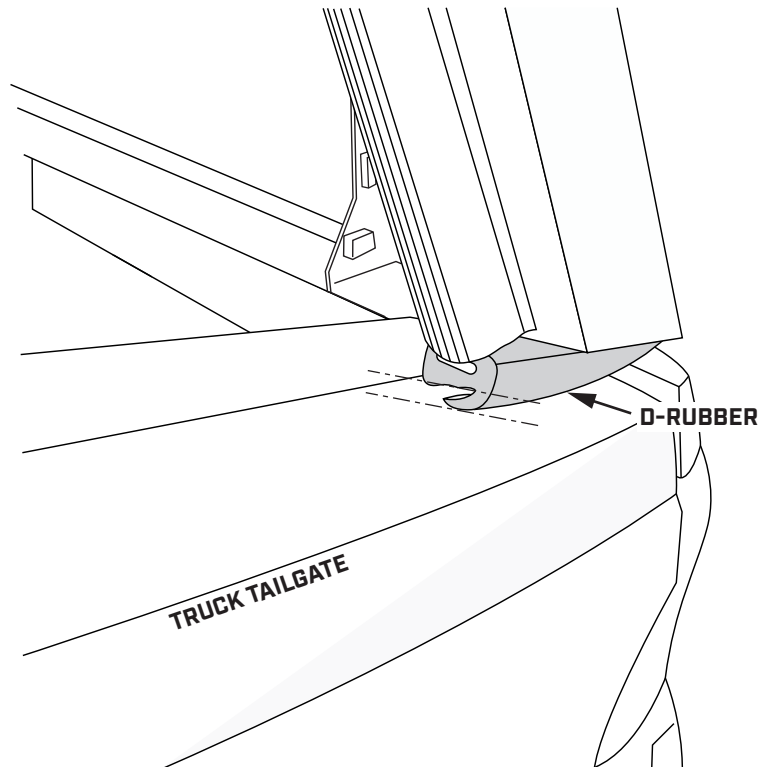
THIN RUBBER PAD STRIP

2X

STEP 31

CHECK THE OPERATION OF THE TAILGATE.

THE LIP OF THE D-RUBBER SHOULD GRAZE THE TAILGATE WHEN OPENING AND CLOSING WITH EASE, CREATING A SATISFYING SEAL.



D-RUBBER

TRUCK TAILGATE

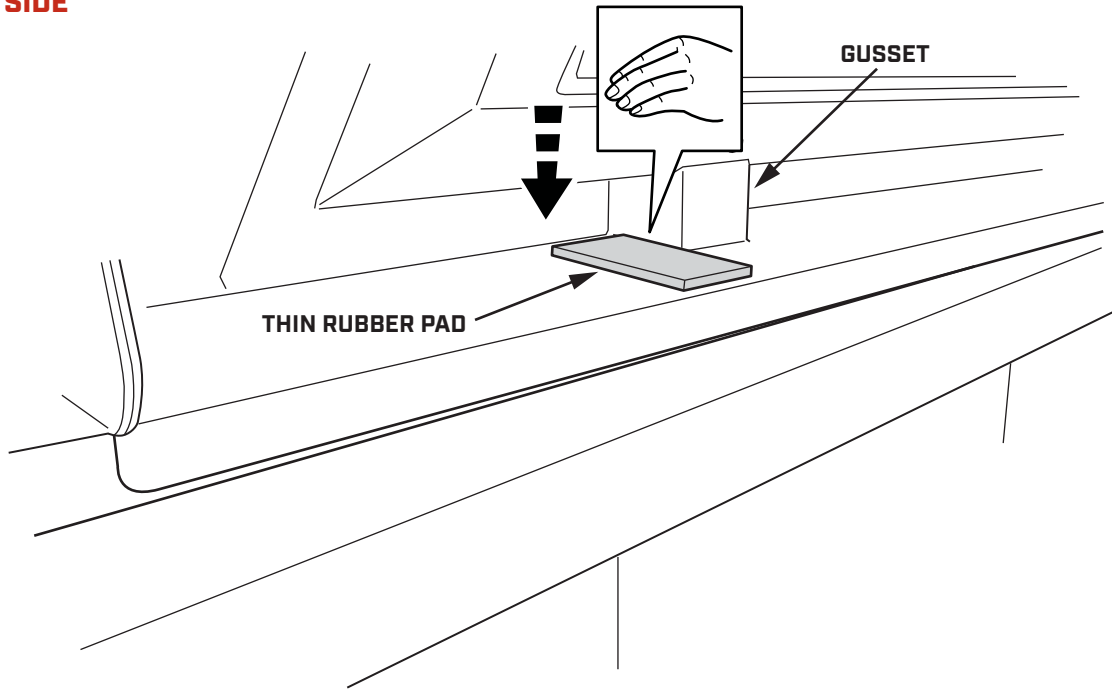
I-SHEET-NA-F2

STEP 32



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

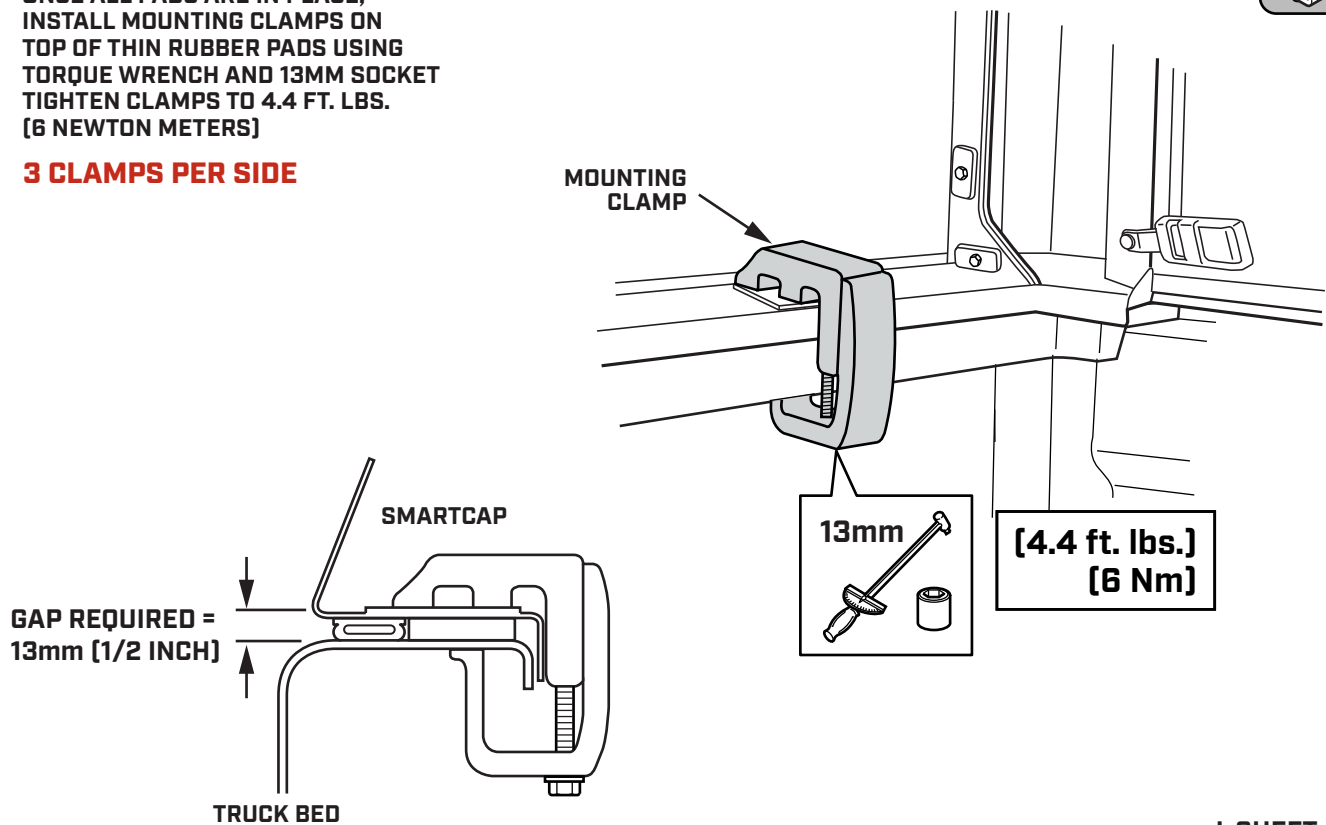


STEP 33



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

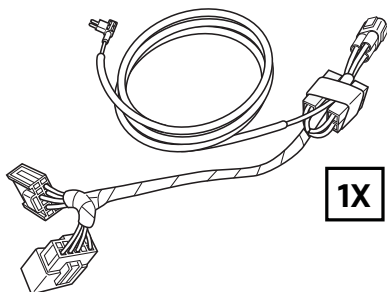


I-SHEET-NA-F2

THIRD BRAKE LIGHT HARDWARE

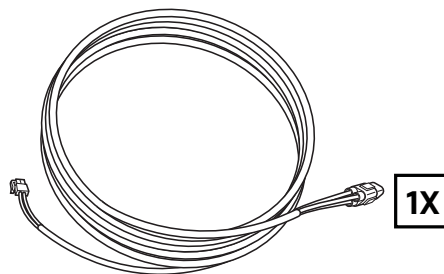
VERSION A STEPS 34-67

T-HARNESS



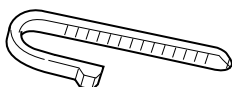
1X

CONNECTOR HARNESS



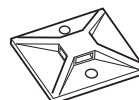
1X

CABLE TIE



8X

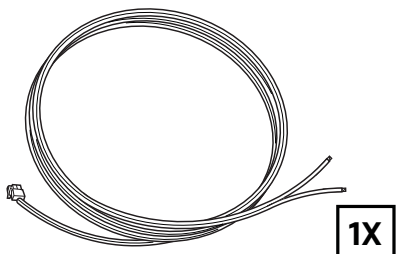
CABLE TIE BASE



2X

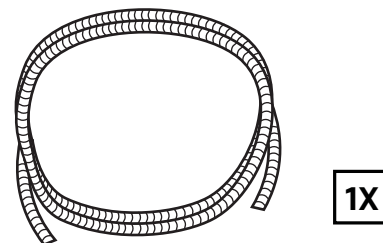
VERSION B STEPS 68-89

CONNECTOR HARNESS



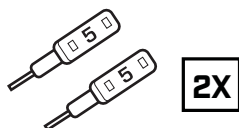
1X

PLASTIC SHEATH



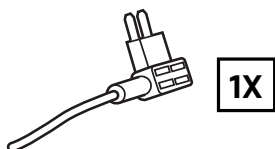
1X

FUSES



2X

FUSE CONNECTOR



1X

GROUND TERMINAL



1X

SPLICE TERMINAL



1X



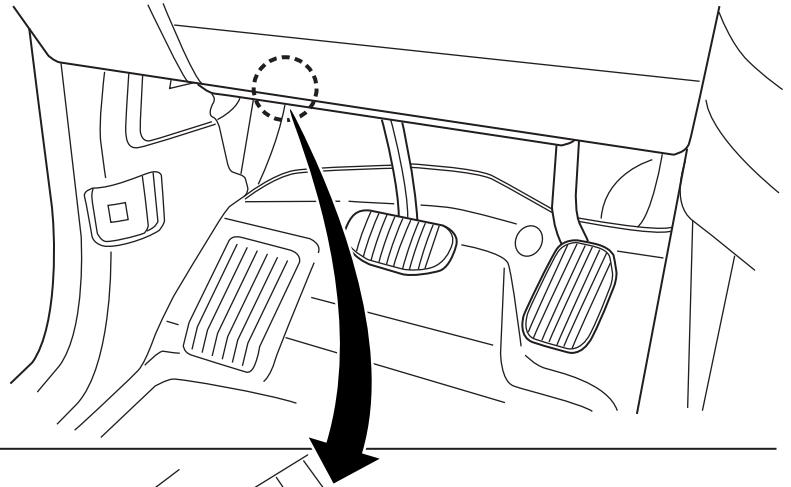
IMPORTANT

- ▼ 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.

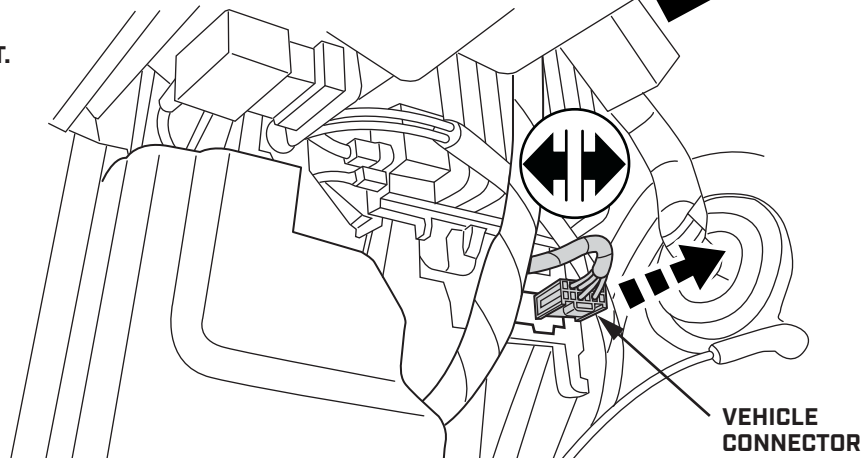
I-SHEET-NA-F2

STEP 34

BEGIN AT THE DRIVER SIDE. LOOK UNDER THE DASHBOARD AT THE FOOTWELL AND LOCATE THE GREY CONNECTOR.

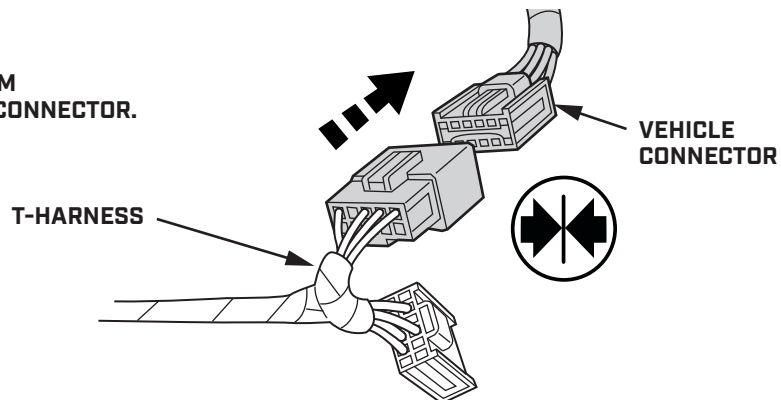


PULL THE CONNECTOR OUT FROM THE SOCKET.



STEP 35

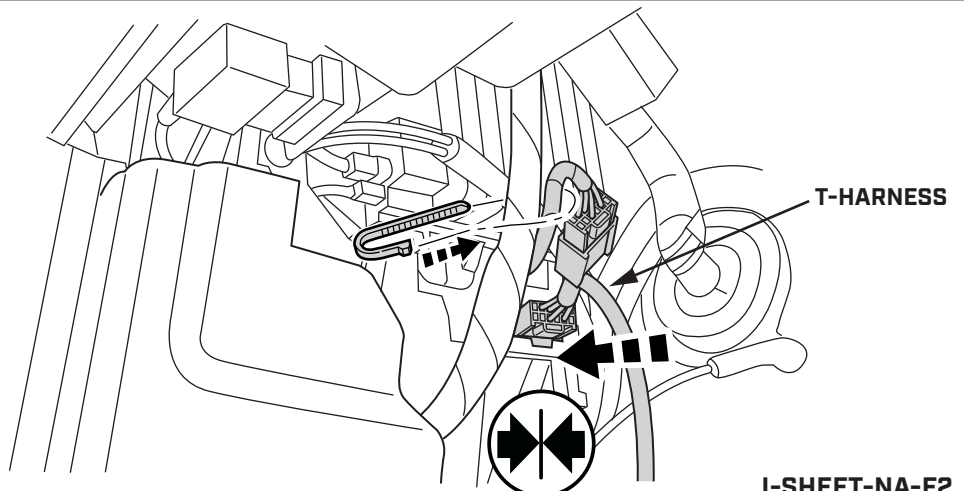
PLUG THE FEMALE CONNECTOR FROM THE T-HARNESS INTO THE VEHICLE CONNECTOR.



STEP 36

PLUG THE MALE CONNECTOR FROM THE T-HARNESS INTO THE VEHICLE SOCKET UNDER THE DASH.

SECURE WITH A CABLE TIE AS SHOWN.

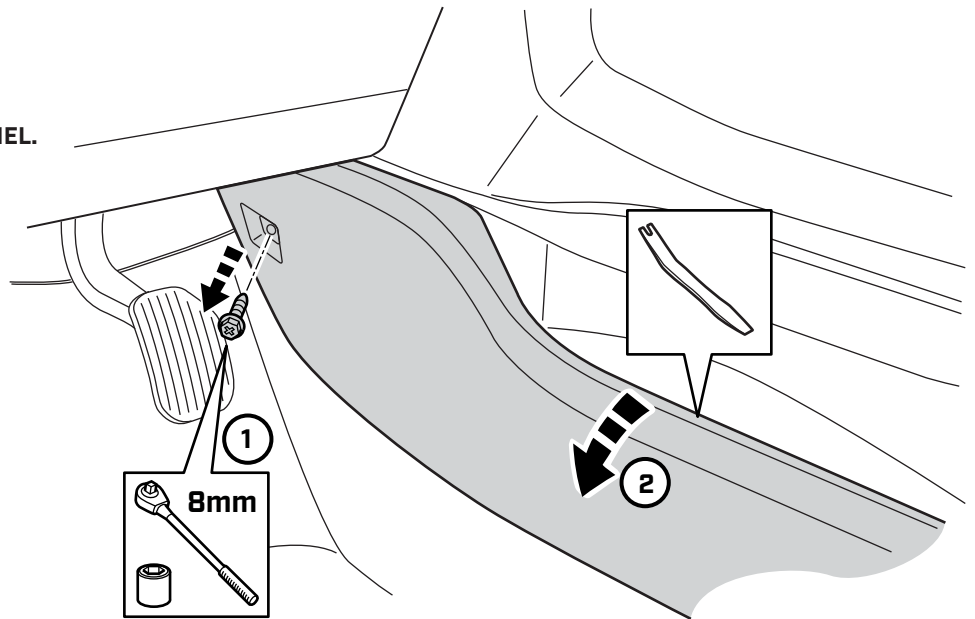


I-SHEET-NA-F2

STEP 37

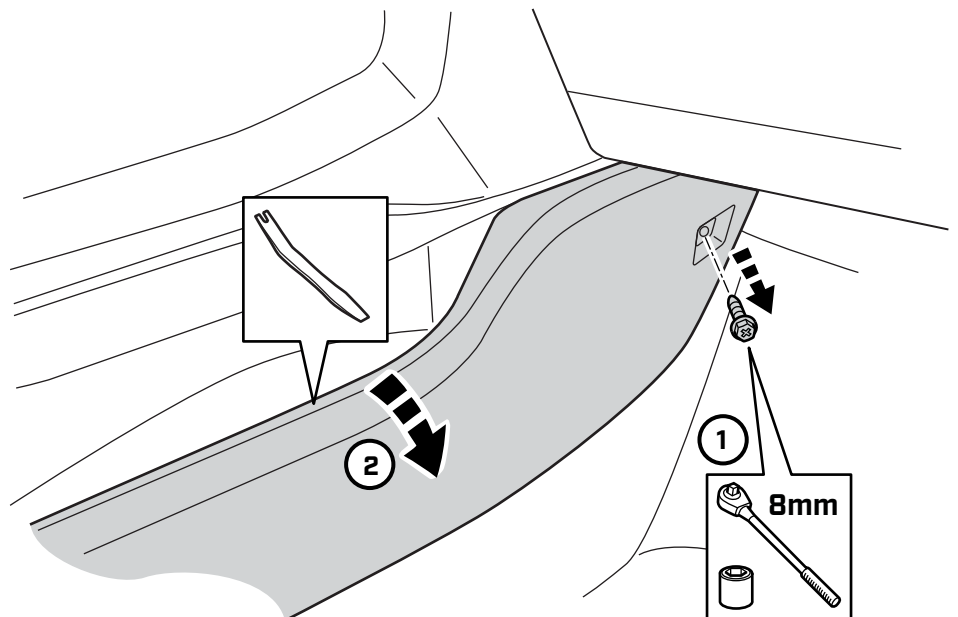
AT THE DRIVER SIDE CENTER CONSOLE, REMOVE THE FASTENER AT THE FRONT OF THE SIDE TRIM PANEL.

USING A PLASTIC PRY TOOL, CAREFULLY PRY BACK AND REMOVE THE CENTER CONSOLE TRIM PANEL.



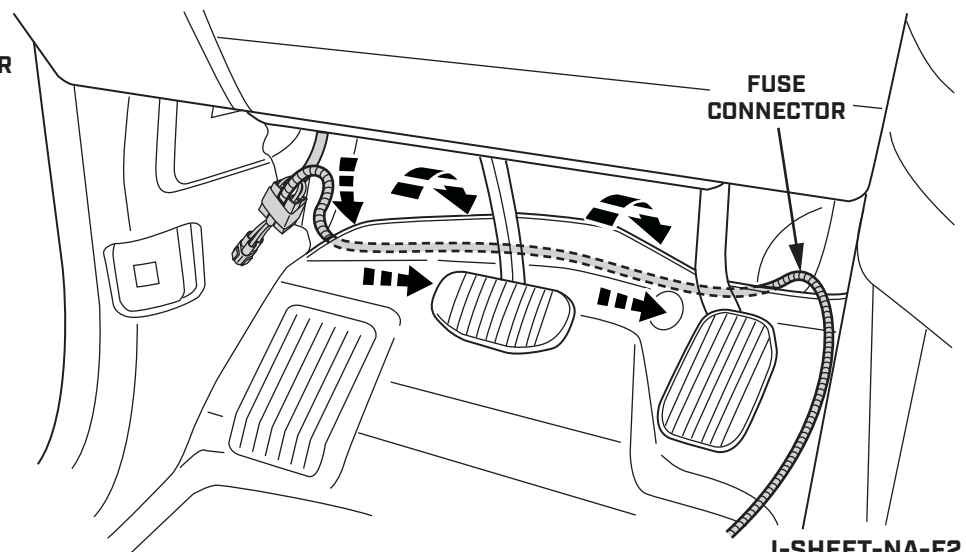
STEP 38

REPEAT STEP 31 ON THE PASSENGER SIDE OF THE CENTER CONSOLE.



STEP 39

BEGIN ROUTING THE FUSE CONNECTOR OF THE T-HARNESS TOWARDS THE CENTER CONSOLE AND TUCK UNDER THE TOP EDGE OF THE CARPET LINER.

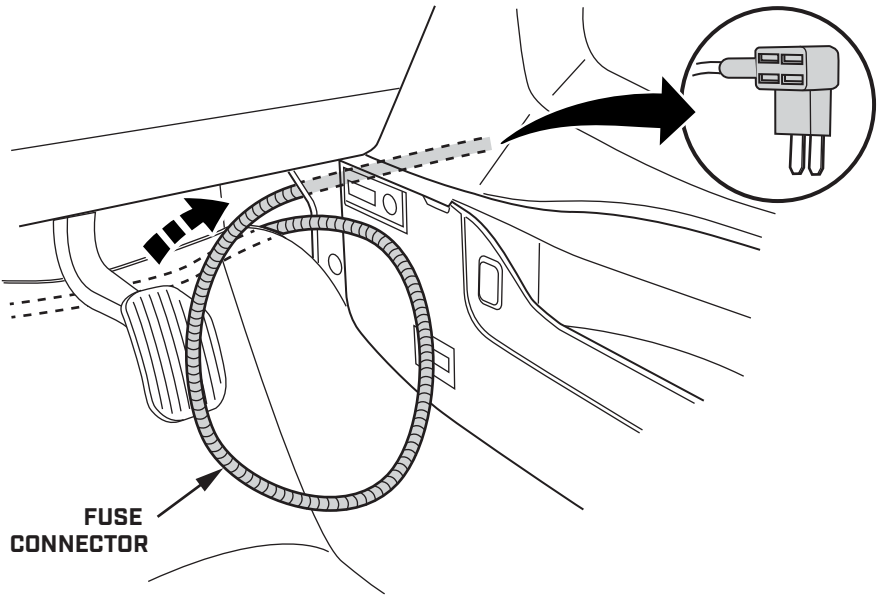
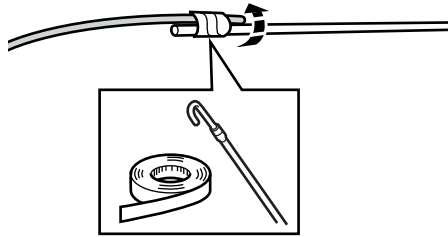


I-SHEET-NA-F2

STEP 40

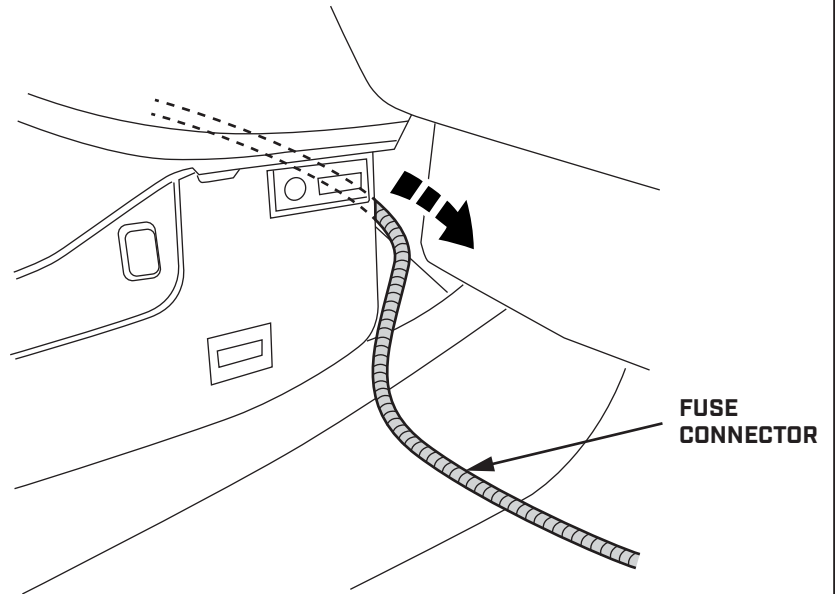
ROUTE THE FUSE CONNECTOR THROUGH THE CENTER CONSOLE TO THE PASSENGER SIDE.

A FISH WIRE OR COAT HANGER MAY BE REQUIRED TO HELP PASS THE HARNESS THROUGH.



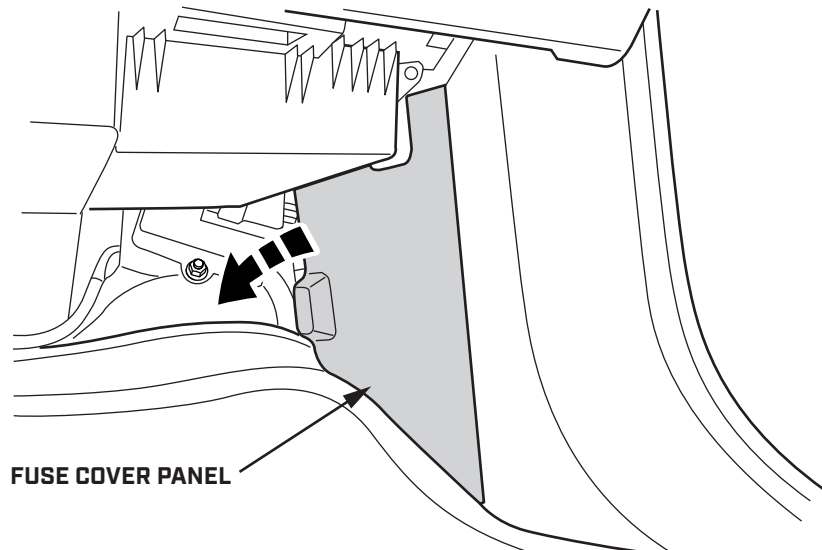
STEP 41

PULL THE REMAINING LENGTH OF THE FUSE CONNECTOR THROUGH THE CENTER CONSOLE TO THE PASSENGER SIDE.



STEP 42

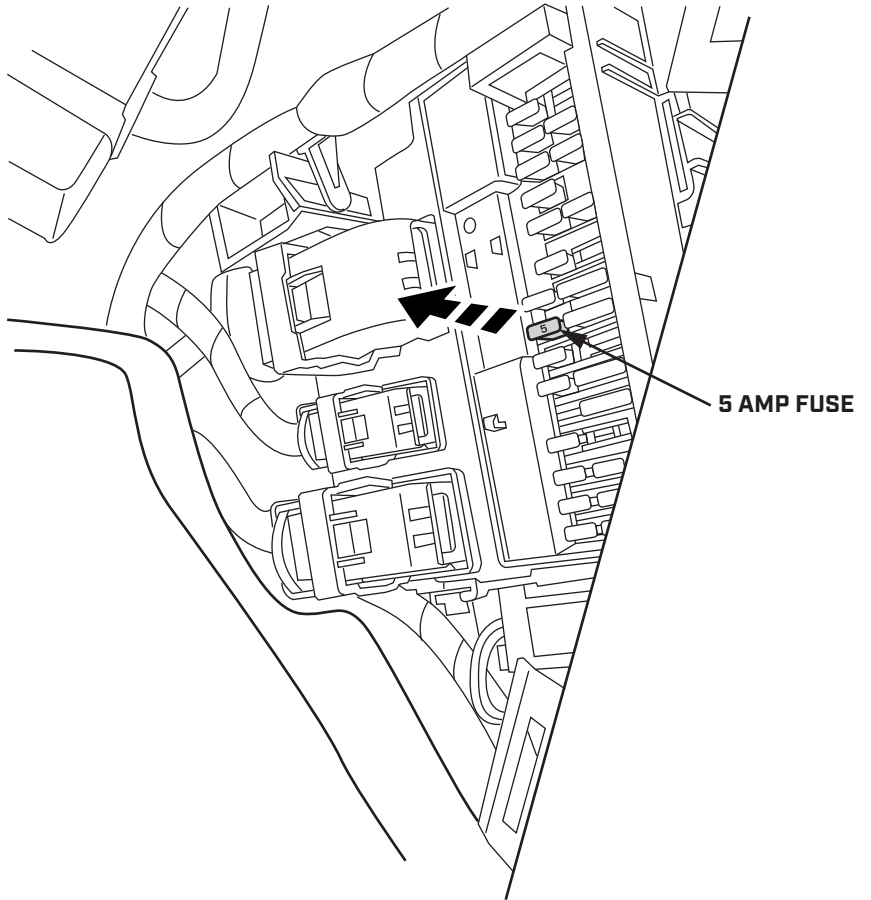
LOCATE THE FUSE COVER PANEL AT THE FRONT OF THE PASSENGER SIDE FOOTWELL AND PRY IT OFF.



I-SHEET-NA-F2

STEP 43

LOCATE THE 5 AMP FUSE (SLOT #30)
AS INDICATED AND CAREFULLY REMOVE
IT FROM THE FUSE PANEL.

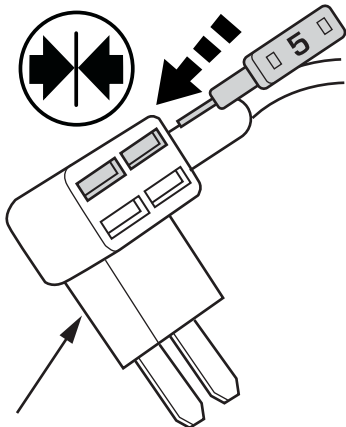


STEP 44

PLUG THE 5 AMP FUSE INTO THE
FUSE CONNECTOR AS SHOWN.



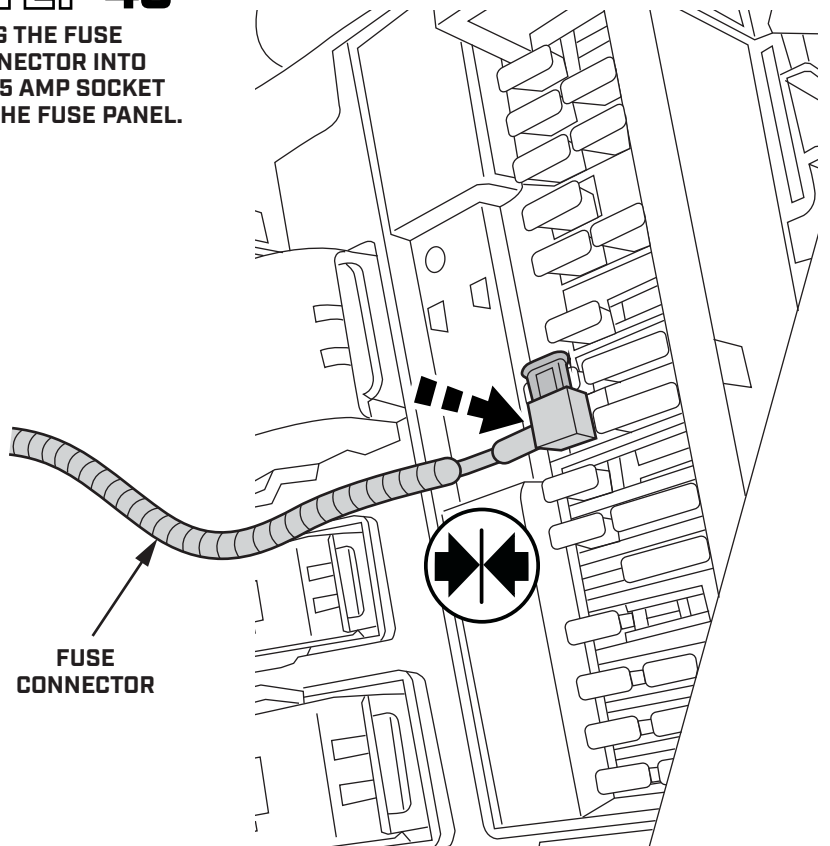
**PLUGGING THE FUSE INTO THE
INCORRECT SLOT WILL RESULT
IN THIRD BRAKE LIGHT FAILURE**



FUSE
CONNECTOR

STEP 45

PLUG THE FUSE
CONNECTOR INTO
THE 5 AMP SOCKET
ON THE FUSE PANEL.

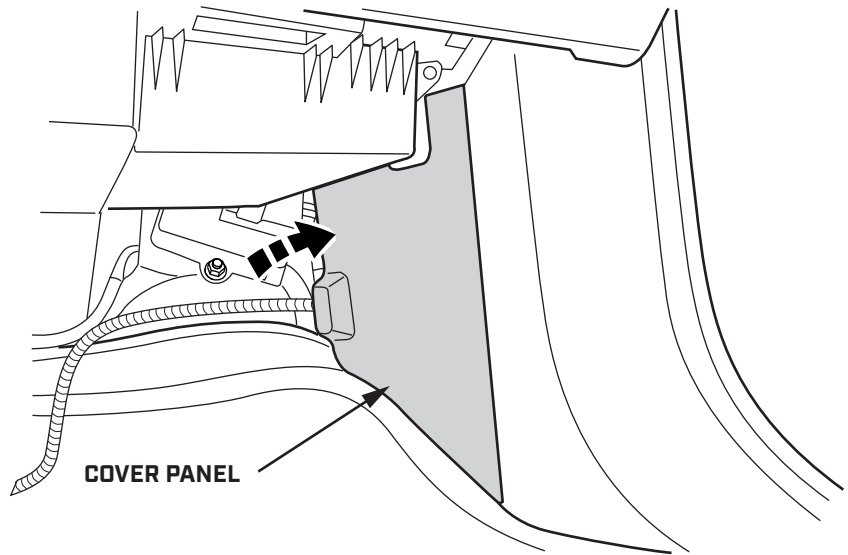


FUSE
CONNECTOR

I-SHEET-NA-F2

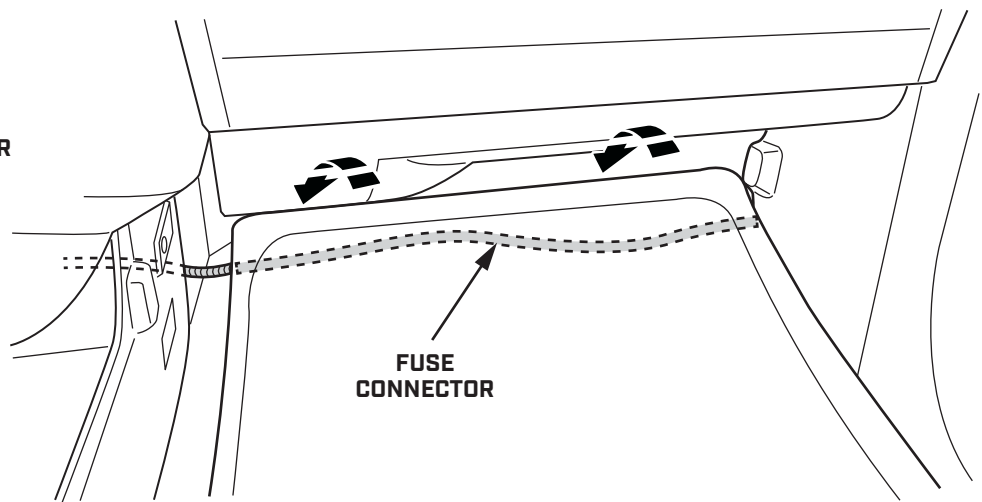
STEP 46

REINSTALL THE FUSE COVER PANEL.



STEP 47

TUCK THE REMAINING LENGTH OF THE FUSE CONNECTOR UNDER THE TOP EDGE OF THE PASSENGER SIDE FOOTWELL CARPET LINER.

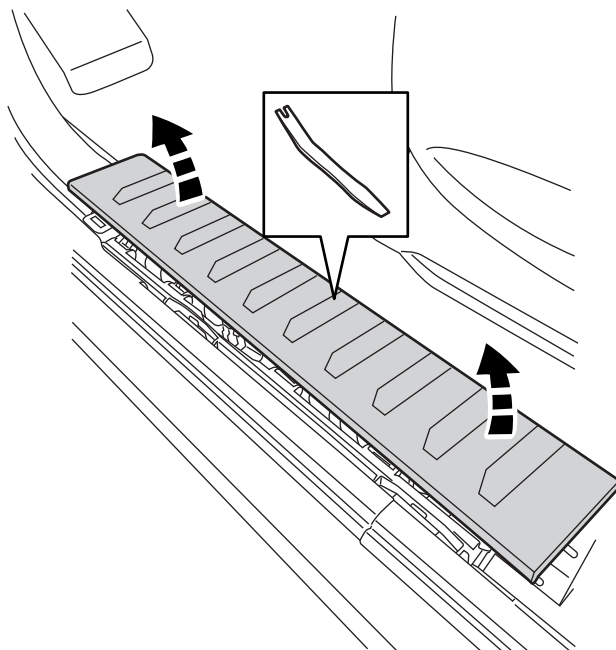


STEP 48

REVERSE STEPS 31 AND 32 TO REINSTALL THE SIDE TRIM PANELS ON THE CENTER CONSOLE.

STEP 49

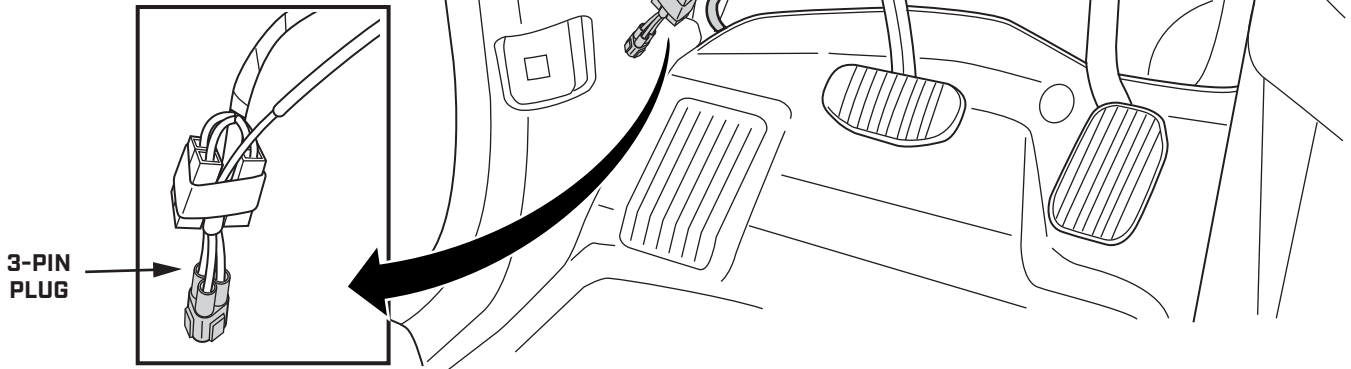
USING A PLASTIC PRY TOOL, CAREFULLY PRY OFF THE DOOR SILL TRIM PLATE ON THE DRIVER SIDE



I-SHEET-NA-F2

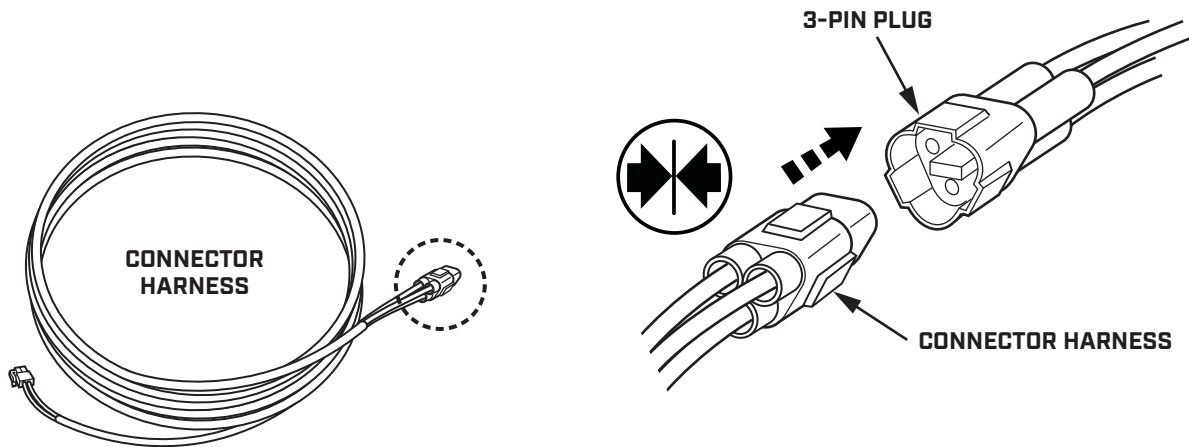
STEP 50

UNDER THE DRIVER SIDE DASH, LOCATE THE 3-PIN PLUG OF THE T-HARNESS.



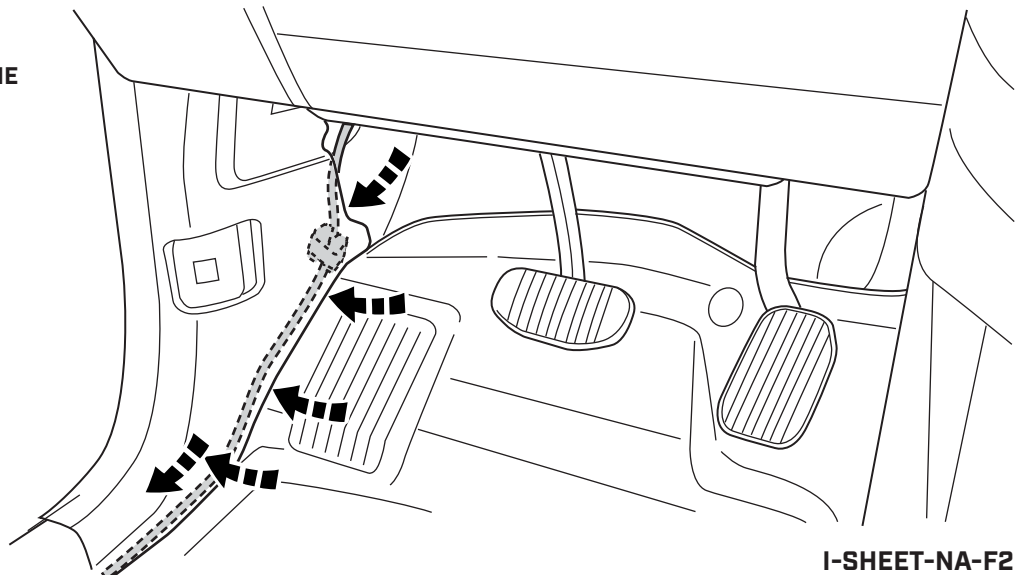
STEP 51

PLUG THE CONNECTOR HARNESS INTO THE 3-PIN PLUG OF THE T-HARNESS.



STEP 52

TUCK THE HARNESSES UNDER THE EDGE OF THE OUTER FOOTWELL KICK PANEL AND ROUTE DOWN TOWARDS THE DOOR SILL.



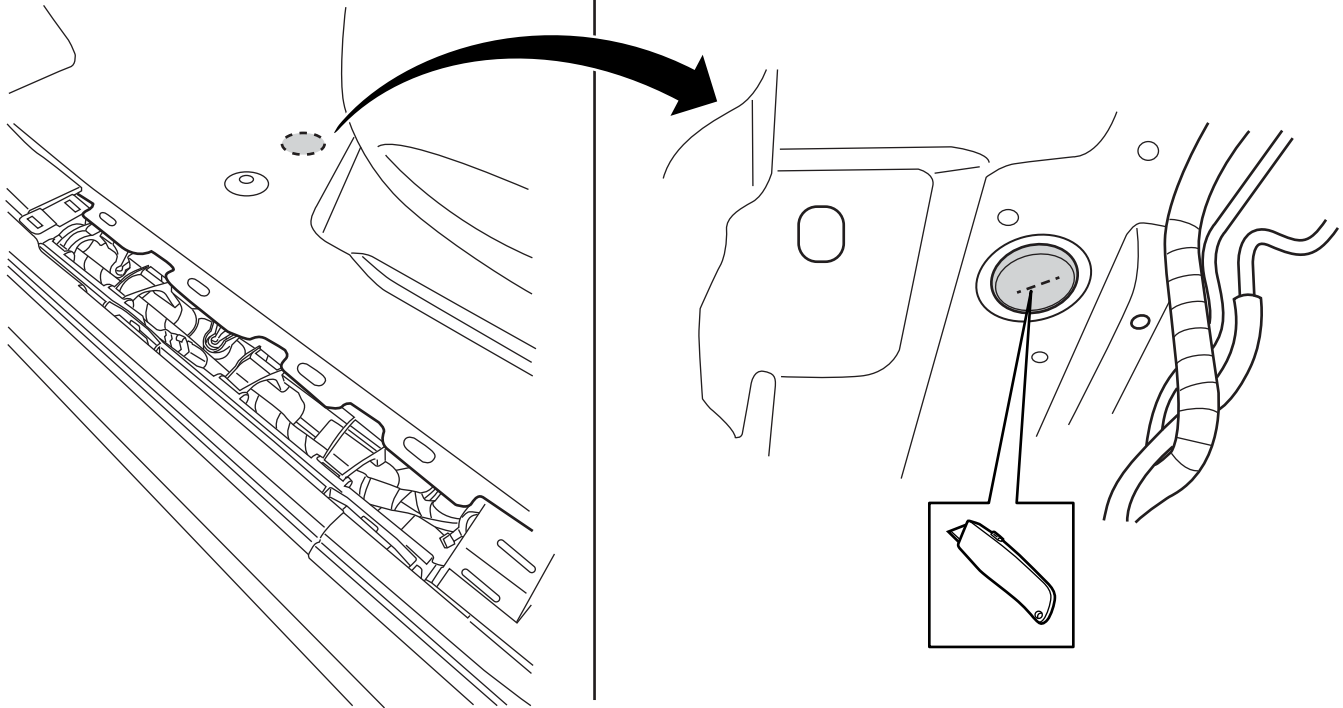
I-SHEET-NA-F2

STEP 53

UNDERNEATH THE CARPET LINER, THERE WILL BE A RUBBER GROMMET IN THE METAL FLOOR.

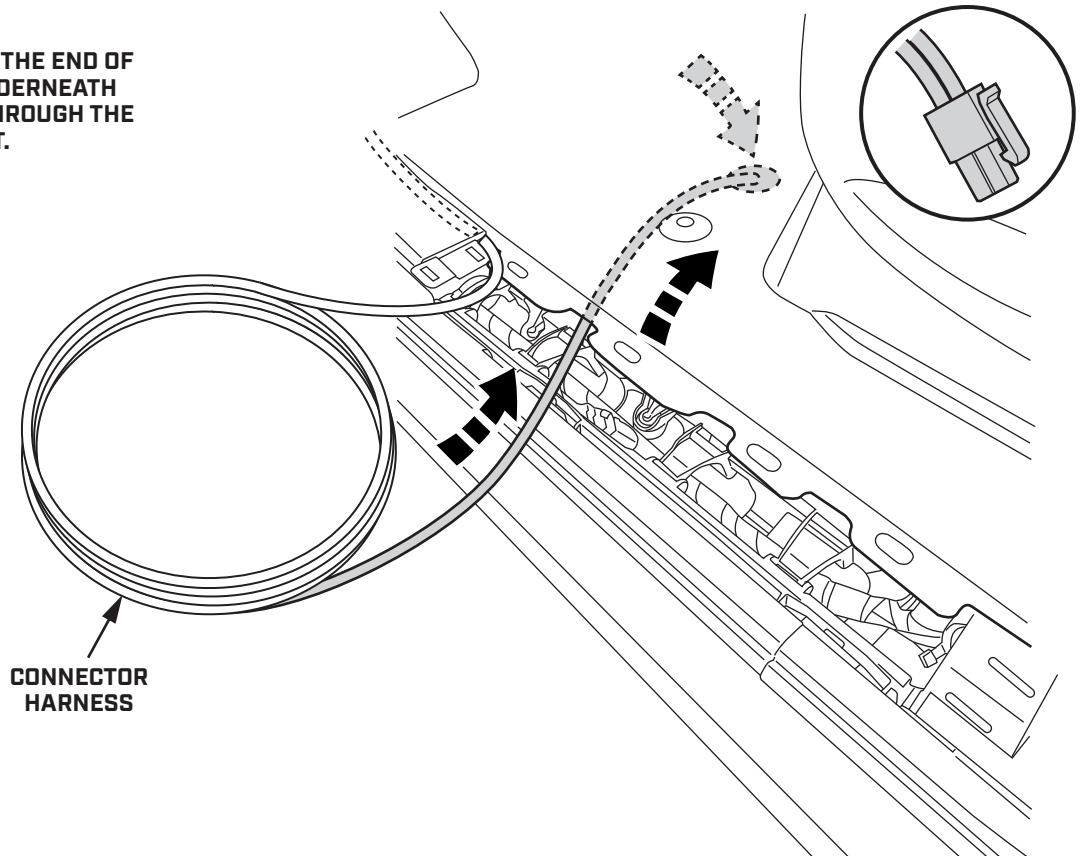
LOCATE THIS GROMMET FROM UNDERNEATH THE VEHICLE.

IF NEEDED, DRILL OR CUT A SMALL OPENING THROUGH THE RUBBER GROMMET.



STEP 54

ROUTE THE 2-PIN PLUG AT THE END OF CONNECTOR HARNESS UNDERNEATH THE CARPET LINER AND THROUGH THE OPENING IN THE GROMMET.

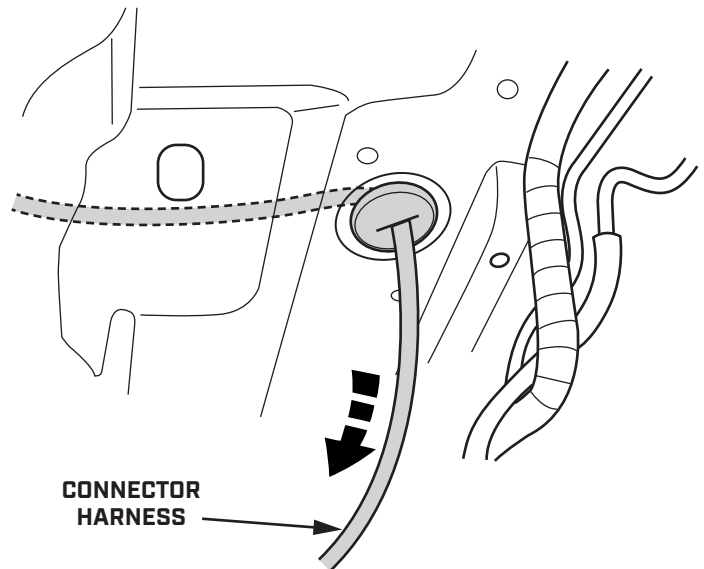


I-SHEET-NA-F2

STEP 55

CAREFULLY PULL THE ENTIRE LENGTH OF THE CONNECTOR HARNESS DOWN THROUGH THE GROMMET.

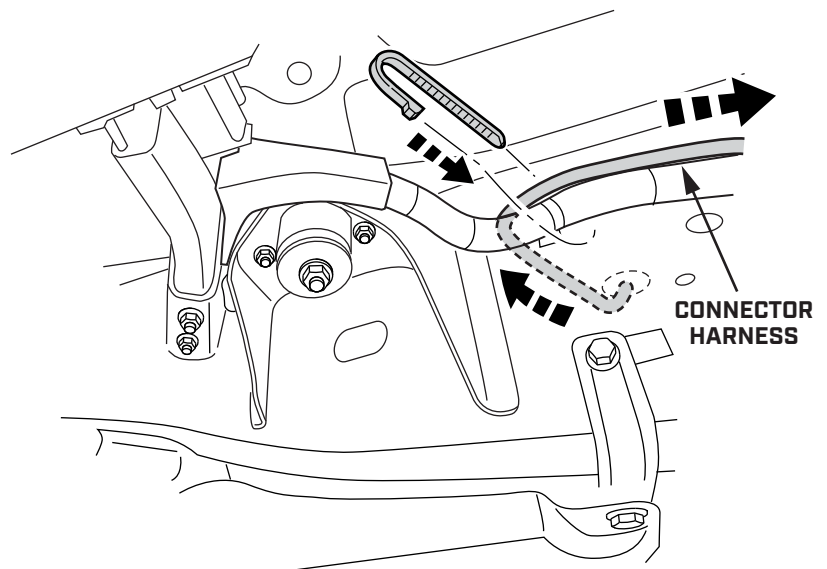
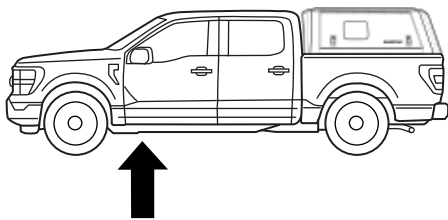
IT IS RECOMMENDED THAT A SEALING COMPOUND BE APPLIED TO THE OPENING FOR WEATHER AND DIRT PROTECTION.



STEP 56

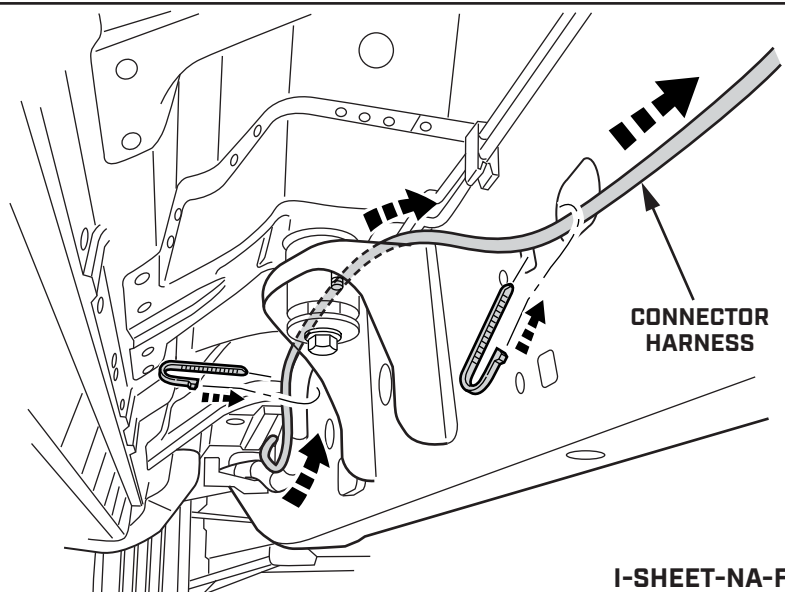
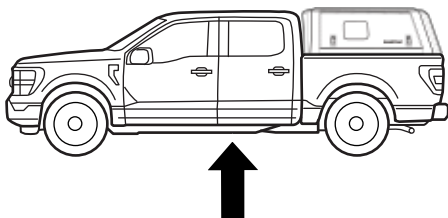
FROM UNDERNEATH THE VEHICLE, BEGIN ROUTING THE CONNECTOR HARNESS OVER THE TOP OF THE DRIVER SIDE FRAME RAIL.

SECURE THE HARNESS ALONG THE OUTSIDE OF THE FRAME WITH CABLE TIES AS SHOWN.



STEP 57

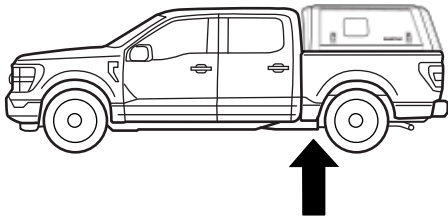
CONTINUE ROUTING THE CONNECTOR HARNESS TOWARDS THE REAR OF THE VEHICLE, SECURING TO THE VEHICLE WITH CABLE TIES AT APPROX. 6 INCH INTERVALS WHENEVER POSSIBLE.



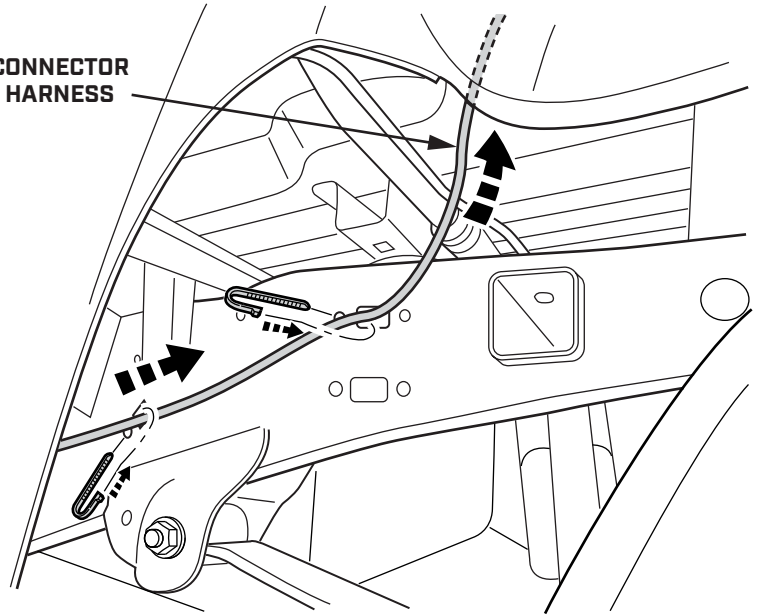
I-SHEET-NA-F2

STEP 58

ROUTE THE CONNECTOR HARNESS UP AND OVER THE REAR WHEEL WELL.

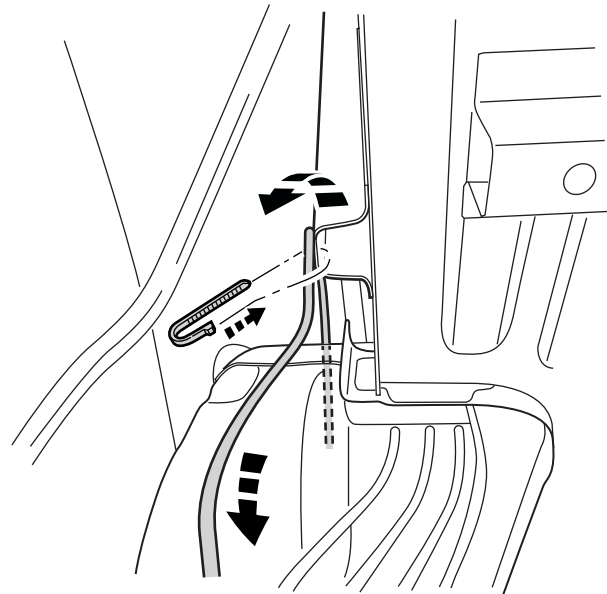
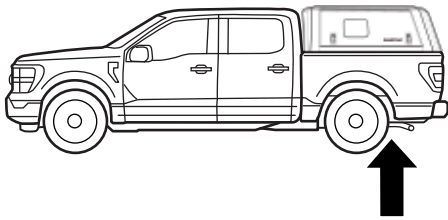


CONNECTOR HARNESS



STEP 59

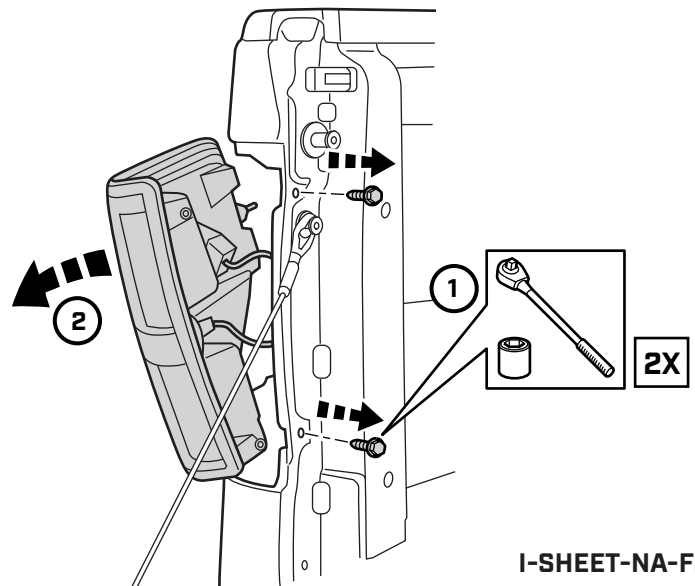
ROUTE THE CONNECTOR HARNESS DOWN OVER THE BACK OF THE REAR WHEEL WELL AND SECURE WITH CABLE TIE AS SHOWN.



STEP 60

REMOVE THE BOLTS HOLDING THE DRIVER SIDE TAILLIGHT ASSEMBLY.

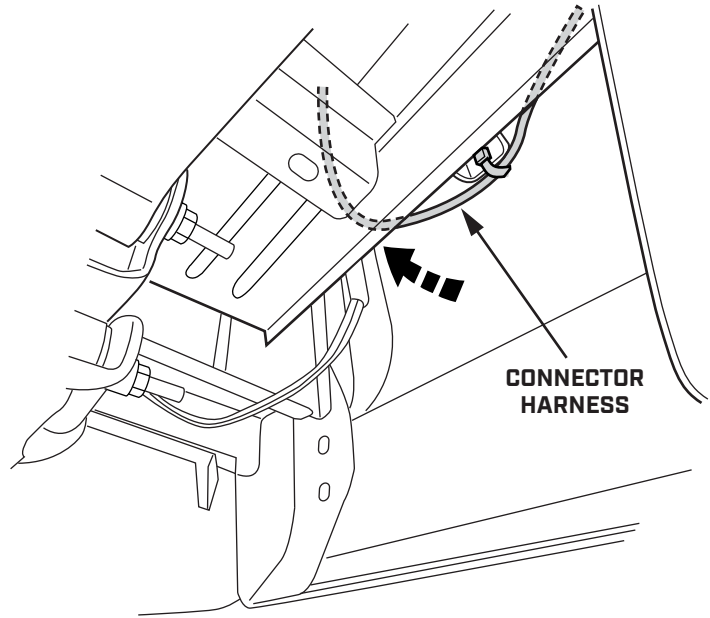
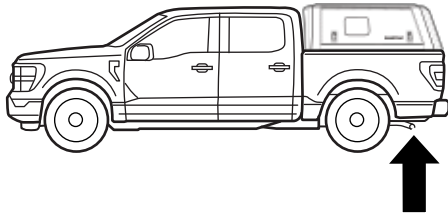
PLACE THE TAILLIGHT CAREFULLY ON THE TAILGATE. DO NOT UNPLUG ANY CONNECTORS.



I-SHEET-NA-F2

STEP 61

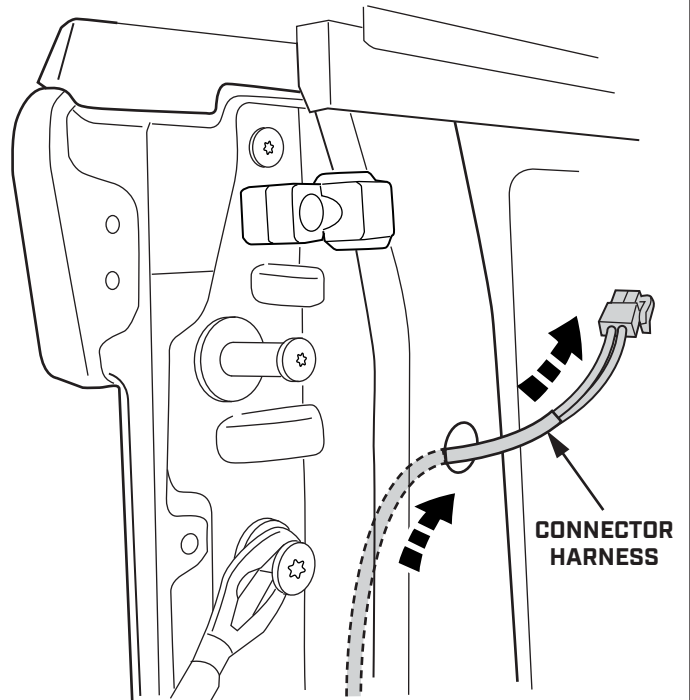
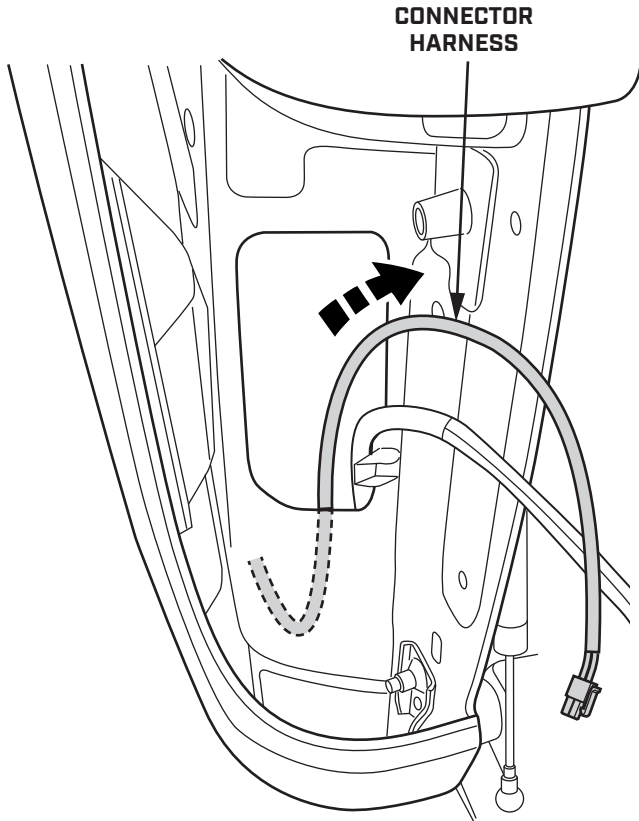
ROUTE THE CONNECTOR HARNESS UP TOWARDS THE TAILLIGHT CAVITY.



STEP 62

CAREFULLY PULL THE CONNECTOR HARNESS OUT THROUGH THE TAILLIGHT CAVITY.

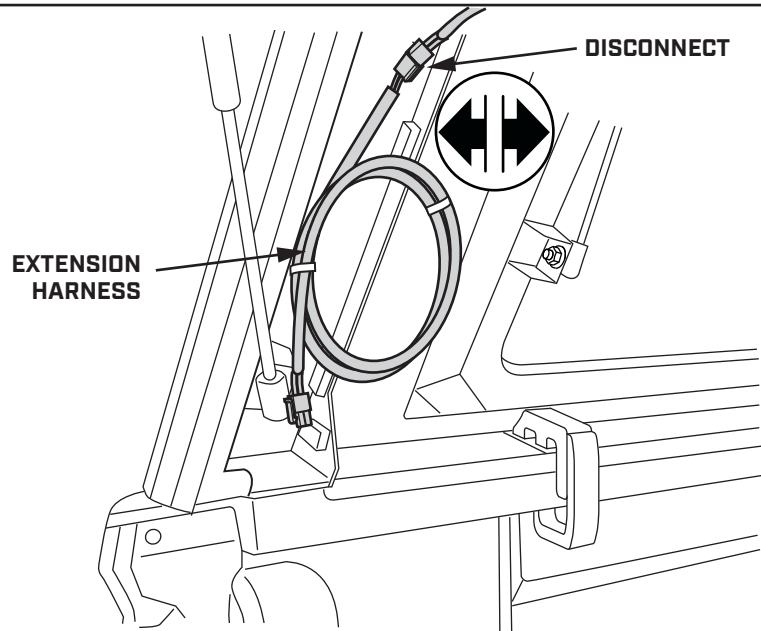
ROUTE THE CONNECTOR HARNESS UP AND OUT THROUGH THE HOLE IN THE SIDE OF THE BED.



I-SHEET-NA-F2

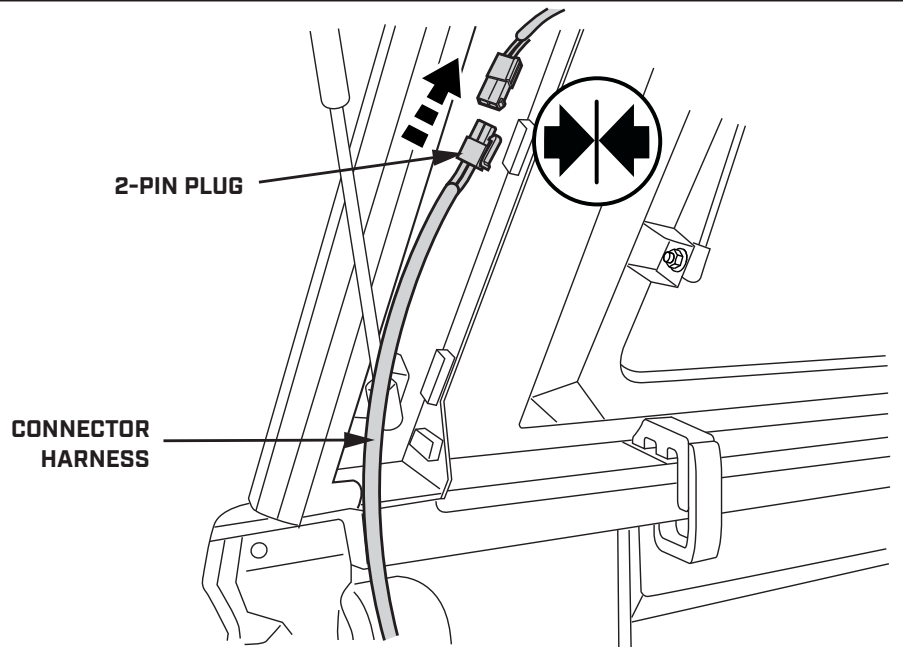
STEP 63

LOCATE AND DISCONNECT THE THIRD BRAKE LIGHT EXTENSION HARNESS FROM THE INSIDE BACK LEFT CORNER OF THE SMARTCAP.



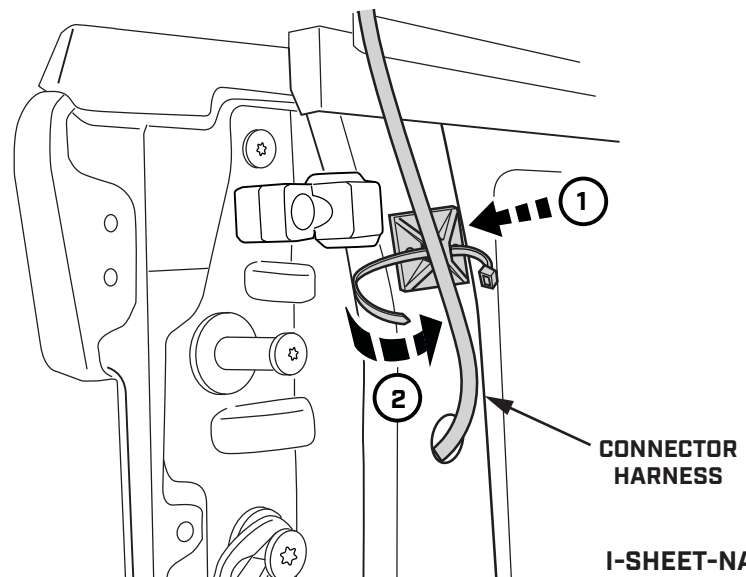
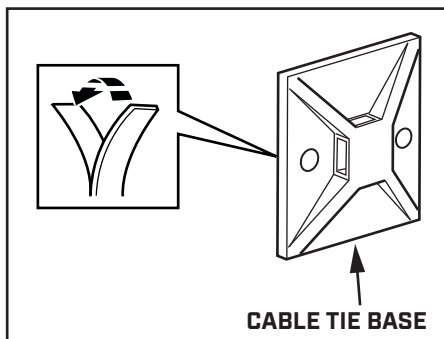
STEP 64

CONNECT THE 2-PIN PLUG FROM THE CONNECTOR HARNESS TO THE THIRD BRAKE LIGHT HARNESS.



STEP 65

APPLY AN ADHESIVE CABLE TIE BASE TO THE TRUCK BED AS SHOWN. SECURE THE CONNECTOR HARNESS WITH A CABLE TIE.

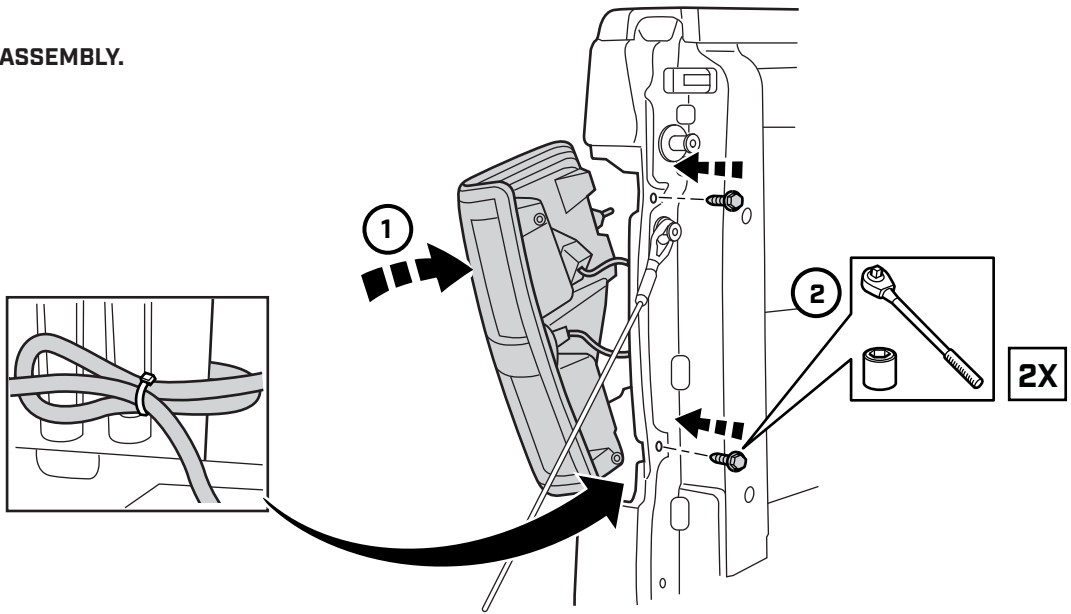


I-SHEET-NA-F2

STEP 66

REINSTALL THE TAILLIGHT ASSEMBLY.

BUNDLE EXTRA
HARNES LENGTH
IN THE TAIL LIGHT
CAVITY AND SECURE
WITH A CABLE TIE.



STEP 67



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 HARNES WITH CABLE TIES.
- ▼ BE SURE NOT TO INTERFERE WITH ANY MOVING PARTS ON THE VEHICLE.

SMARTCAP[®]

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

SMARTCAP.COM

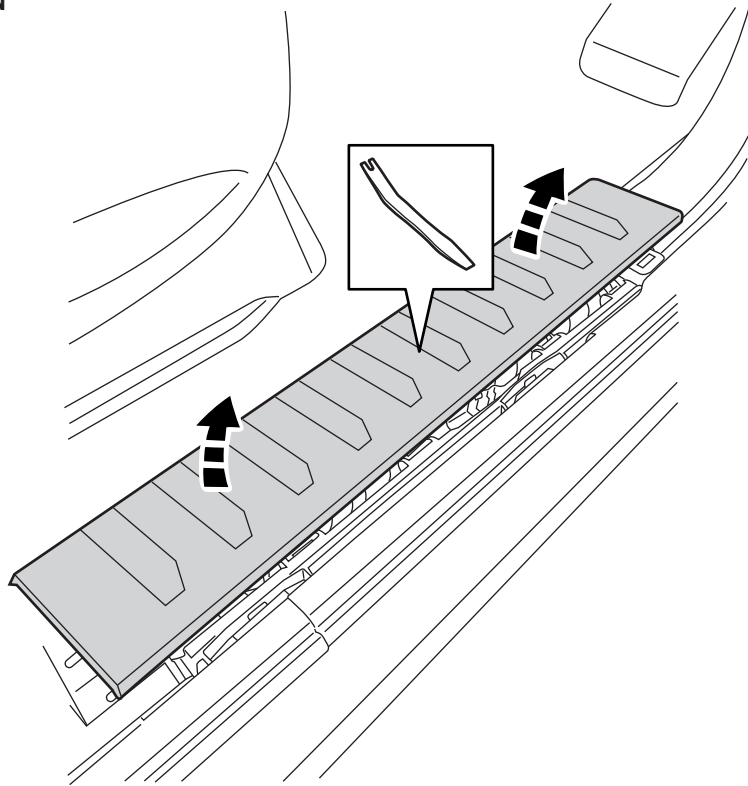
SUPPORT.NA@SMARTCAP.COM - NORTH AMERICA
SUPPORT.SA@SMARTCAP.COM - REST OF WORLD



I-SHEET-NA-F2

STEP 68

USING A PLASTIC PRY TOOL, CAREFULLY PRY OFF THE DOOR SILL TRIM PLATE ON THE PASSENGER SIDE.

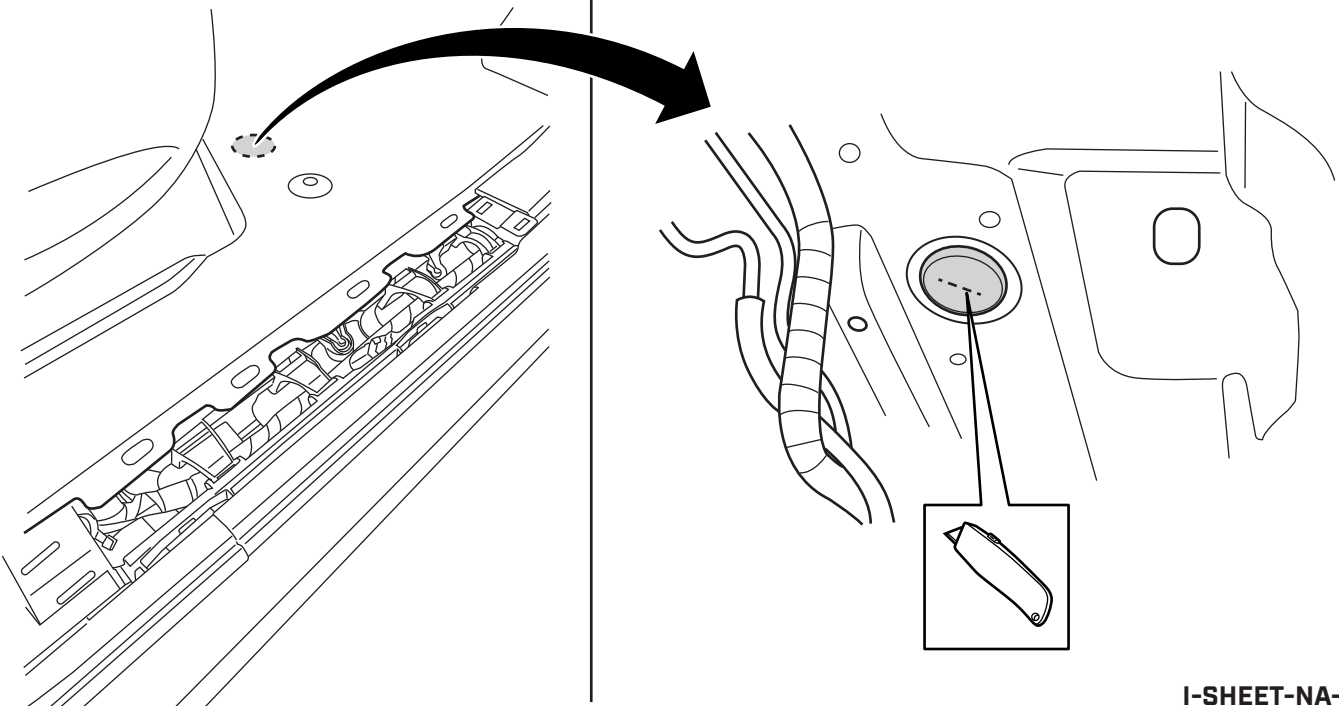


STEP 69

UNDERNEATH THE CARPET LINER, THERE WILL BE A RUBBER GROMMET IN THE METAL FLOOR.

LOCATE THIS GROMMET FROM UNDERNEATH THE VEHICLE.

IF NEEDED, DRILL OR CUT A SMALL OPENING THROUGH THE RUBBER GROMMET.



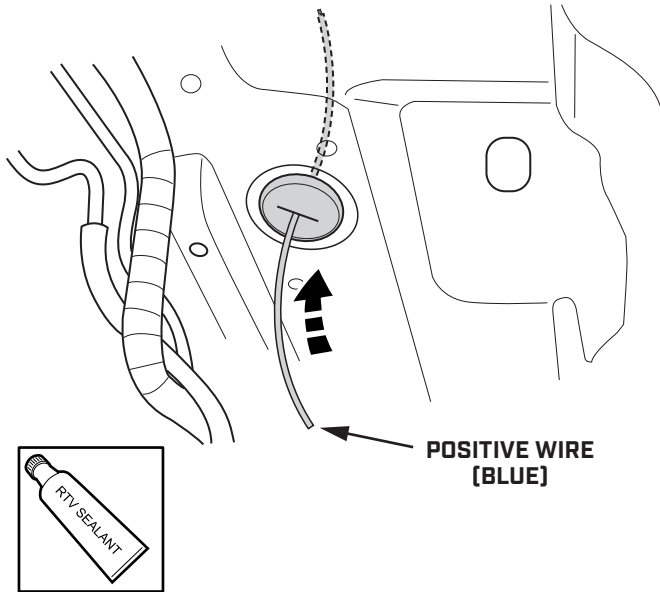
I-SHEET-NA-F2

STEP 70

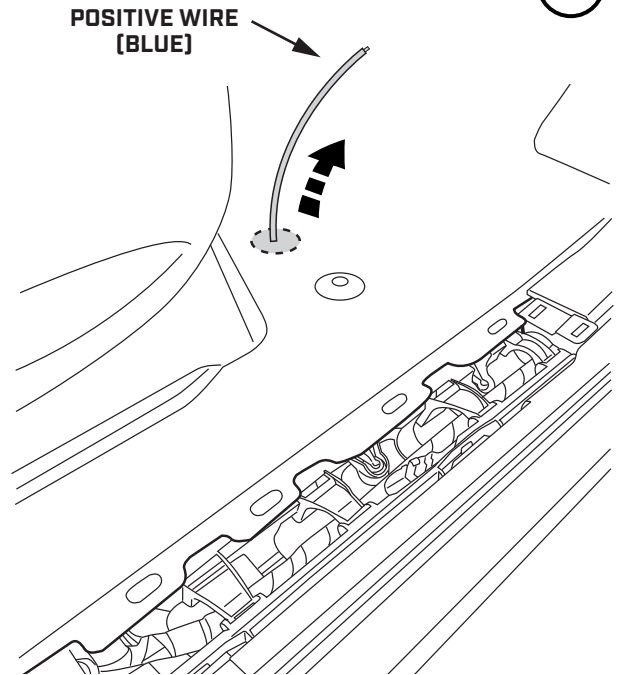
LOCATE THE POSITIVE WIRE (BLUE) OF THE CONNECTOR HARNESS AND ROUTE IT THROUGH THE GROMMET.

IT IS RECOMMENDED THAT A SEALING COMPOUND BE APPLIED TO THE OPENING FOR WEATHER AND DIRT PROTECTION.

1



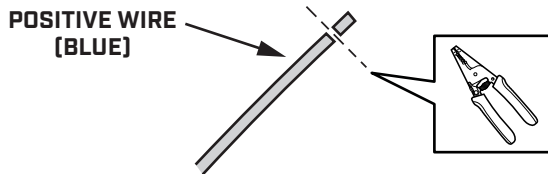
2



STEP 71

USE WIRE STRIPPERS TO TRIM OFF THE END OF THE POSITIVE WIRE.

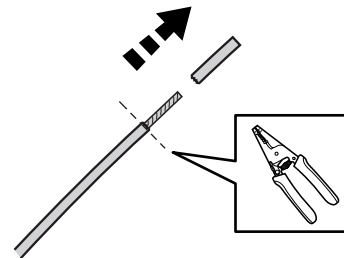
1



USE WIRE STRIPPERS TO REMOVE A HALF INCH OF PLASTIC WIRE INSULATION, EXPOSING THE COPPER WIRING WITHIN.

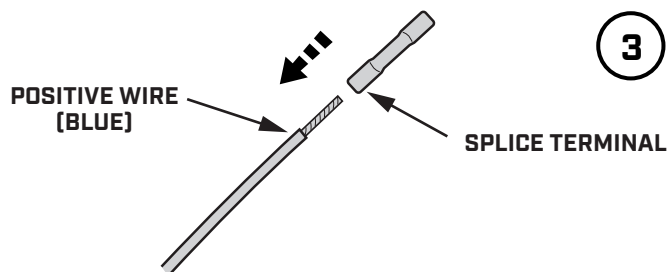


2



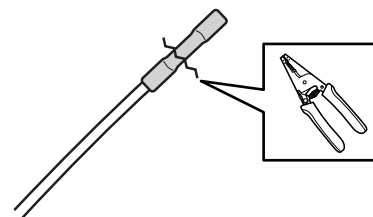
SLIDE THE SPLICE TERMINAL ONTO THE STRIPPED END OF THE POSITIVE WIRE.

3



USE WIRE STRIPPERS TO APPLY FIRM PRESSURE TO THE SPLICE TERMINAL AT THE POINT WHERE THE WIRE ENTERS.

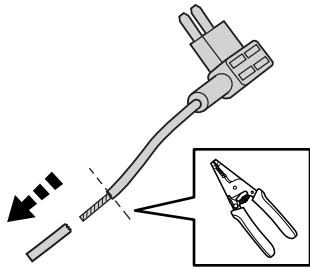
4



STEP 72

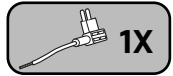
LOCATE THE SUPPLIED FUSE CONNECTOR.

USE THE WIRE STRIPPERS TO REMOVE A HALF INCH OF PLASTIC INSULATION FROM THE END OF THE FUSE CONNECTOR.



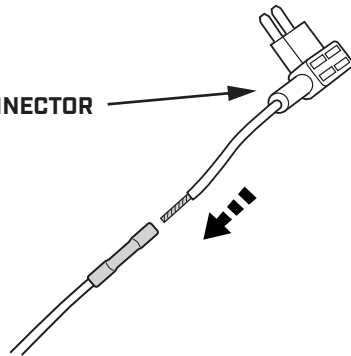
1

SLIDE THE STRIPPED END OF THE FUSE CONNECTOR WIRE INTO THE OTHER SIDE OF THE SPLICE TERMINAL.

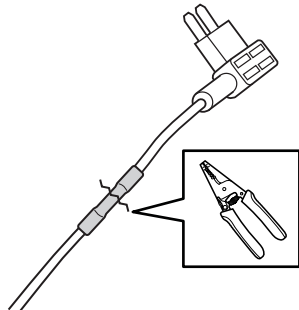


2

FUSE CONNECTOR

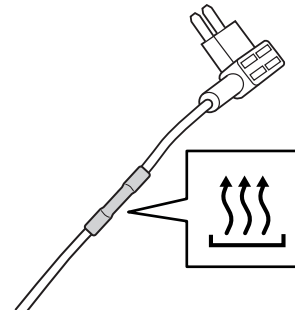


USE WIRE STRIPPERS TO APPLY FIRM PRESSURE TO THE SPLICE TERMINAL AT THE POINT WHERE THE WIRE ENTERS.



3

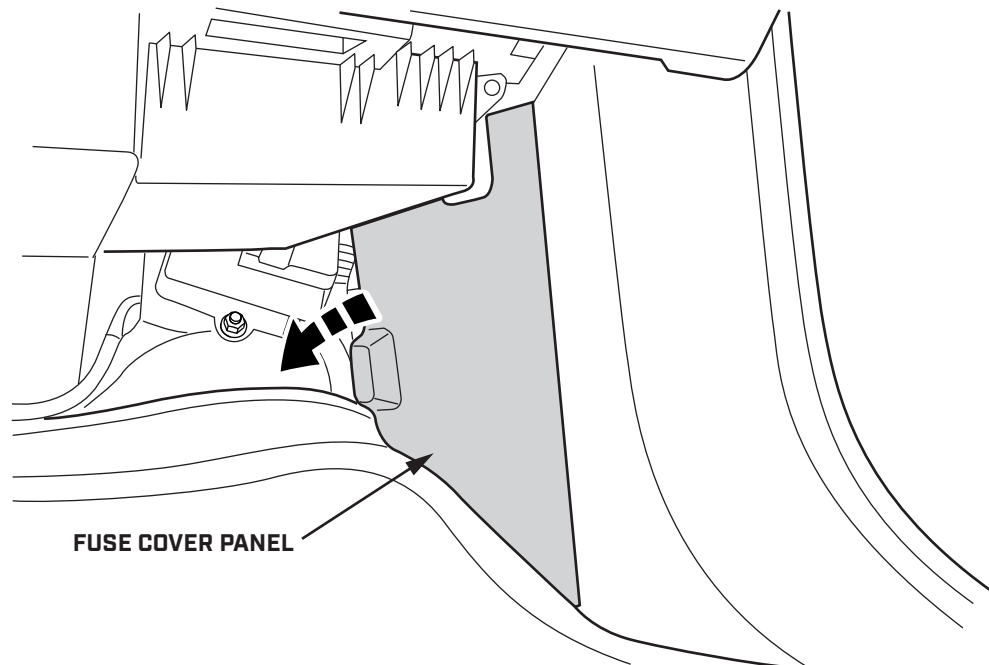
APPLY HEAT TO THE SPLICE TERMINAL TO SHRINK AND CONFORM TIGHTLY AROUND THE WIRES.



4

STEP 73

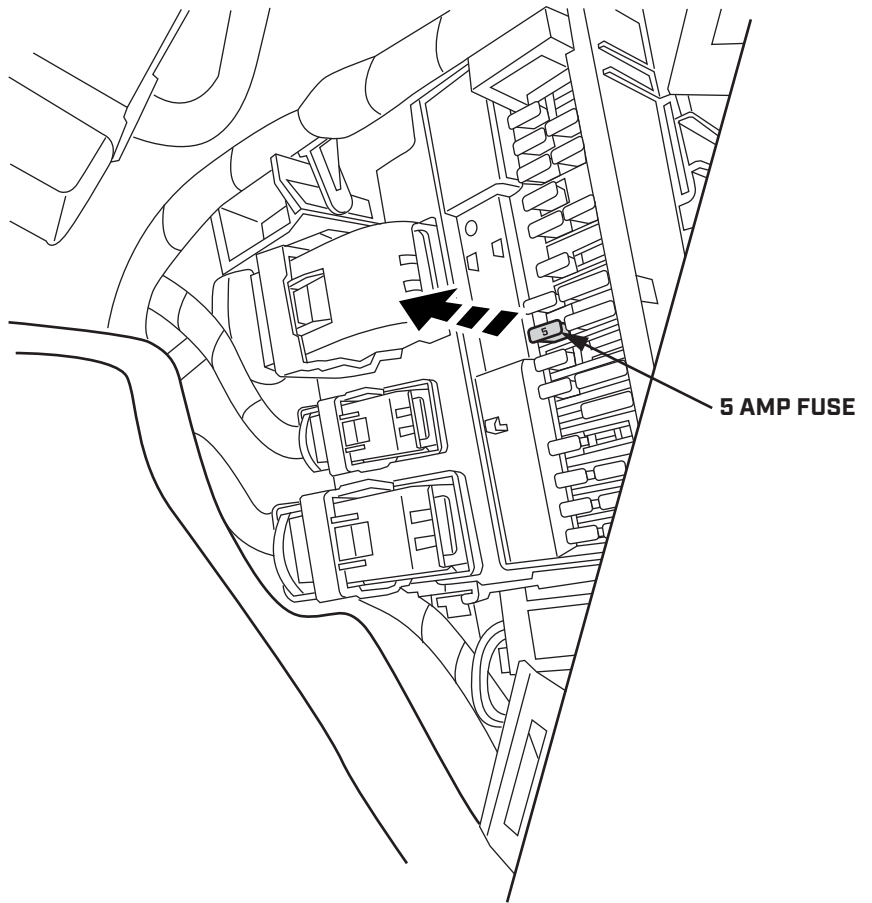
LOCATE THE FUSE COVER PANEL AT THE FRONT OF THE PASSENGER SIDE FOOTWELL AND PRY IT OFF.



FUSE COVER PANEL

STEP 74

LOCATE THE 5 AMP FUSE (SLOT #30)
AS INDICATED AND CAREFULLY REMOVE
IT FROM THE FUSE PANEL.

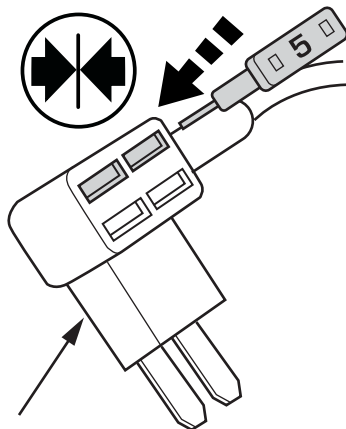


STEP 75

PLUG THE 5 AMP FUSE INTO THE
FUSE CONNECTOR AS SHOWN.



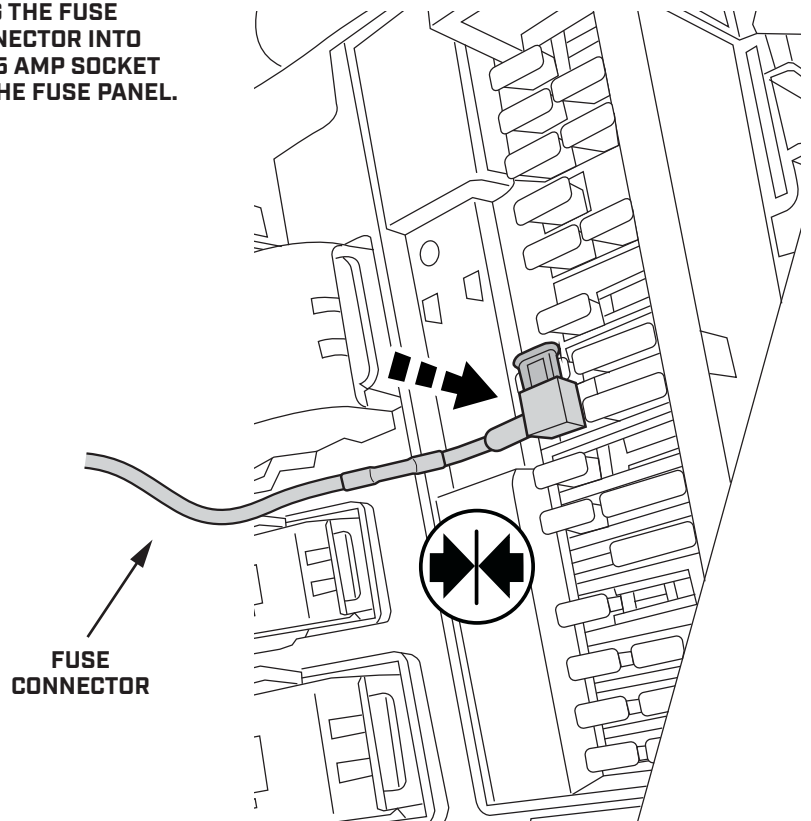
**PLUGGING THE FUSE INTO THE
INCORRECT SLOT WILL RESULT
IN THIRD BRAKE LIGHT FAILURE**



FUSE
CONNECTOR

STEP 76

PLUG THE FUSE
CONNECTOR INTO
THE 5 AMP SOCKET
ON THE FUSE PANEL.

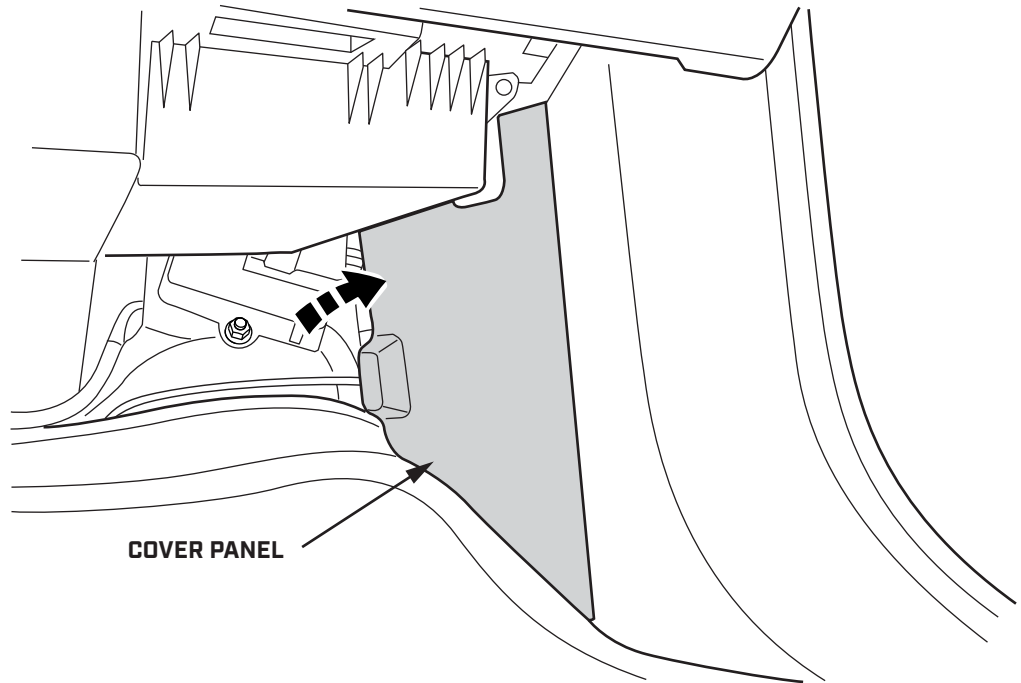


FUSE
CONNECTOR

I-SHEET-NA-F2

STEP 77

REINSTALL THE FUSE COVER PANEL.

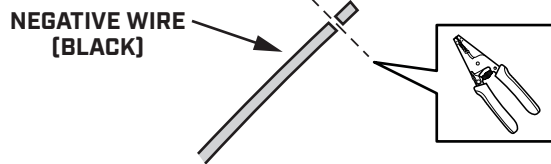


STEP 78

FROM UNDERNEATH THE VEHICLE, LOCATE THE NEGATIVE WIRE (BLACK) OF THE CONNECTOR HARNESS.

1

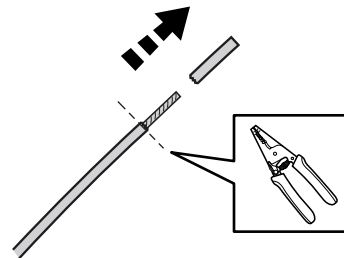
USE WIRE STRIPPERS TO TRIM OFF THE END OF THE NEGATIVE WIRE.



USE WIRE STRIPPERS TO REMOVE A HALF INCH OF PLASTIC WIRE INSULATION, EXPOSING THE COPPER WIRING WITHIN.

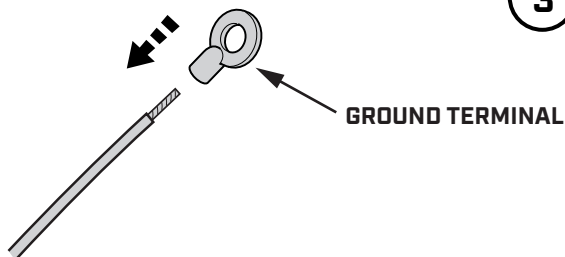
1X

2



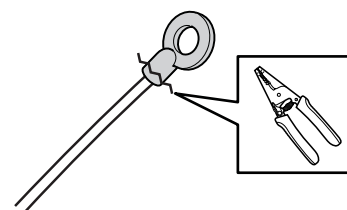
SLIDE THE GROUND TERMINAL ONTO THE STRIPPED END OF THE NEGATIVE WIRE.

3



USE WIRE STRIPPERS TO APPLY FIRM PRESSURE TO THE GROUND TERMINAL AT THE POINT WHERE THE WIRE ENTERS.

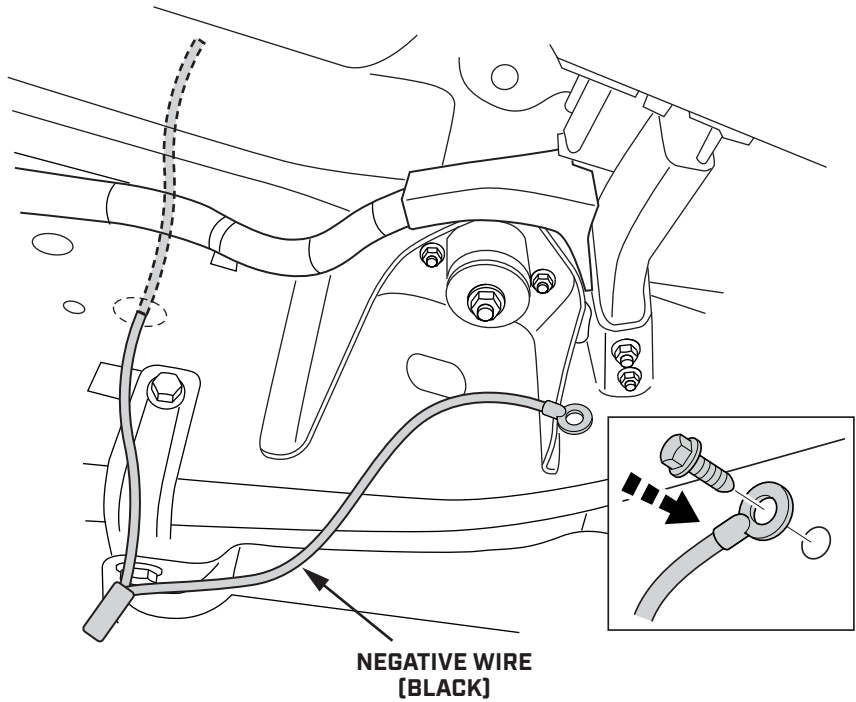
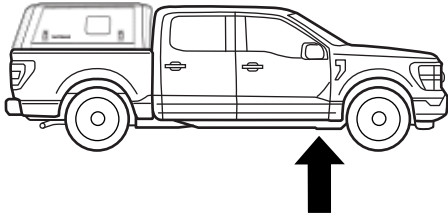
4



I-SHEET-NA-F2

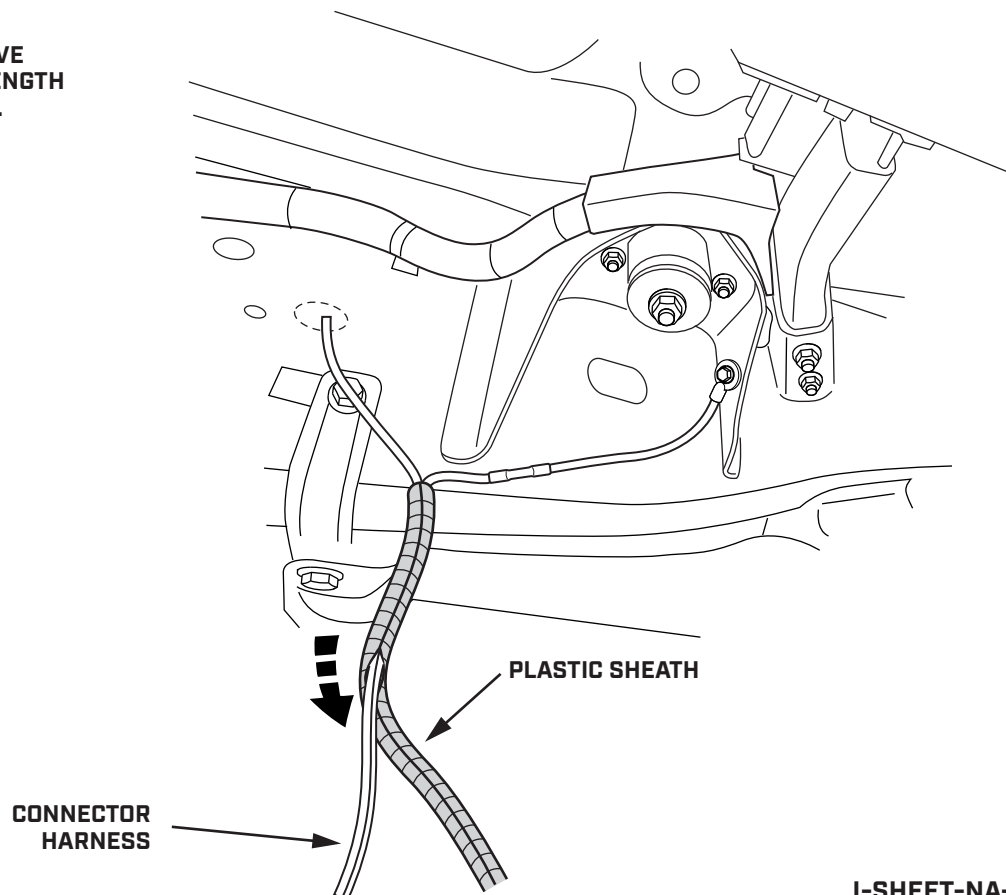
STEP 79

FROM UNDERNEATH THE VEHICLE, SECURE THE NEGATIVE WIRE OF THE CONNECTOR HARNESS TO THE CHASSIS AT A SUITABLE LOCATION UNDER THE VEHICLE.



STEP 80

APPLY THE PLASTIC PROTECTIVE SHEATH ALONG THE ENTIRE LENGTH OF THE CONNECTOR HARNESS.

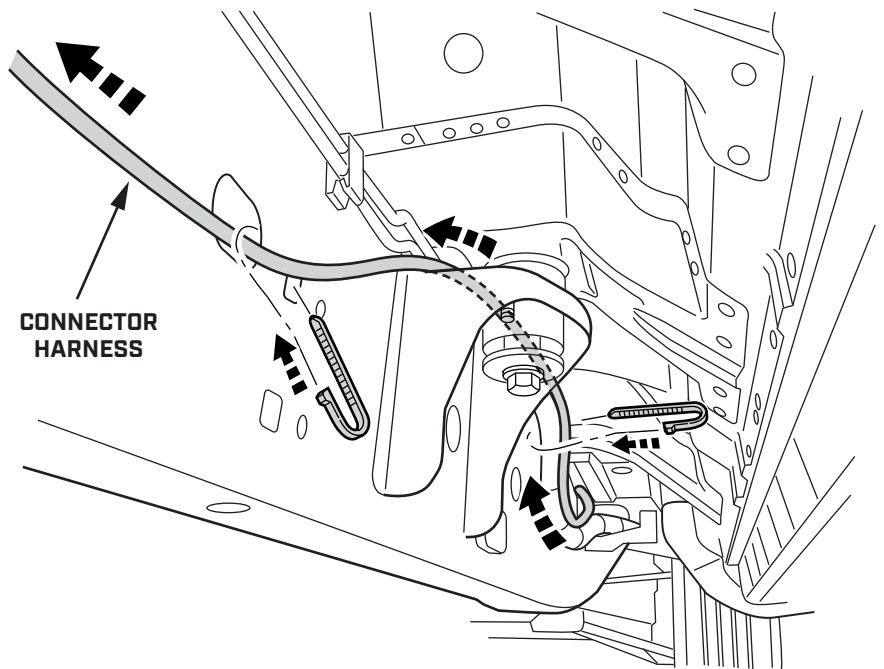
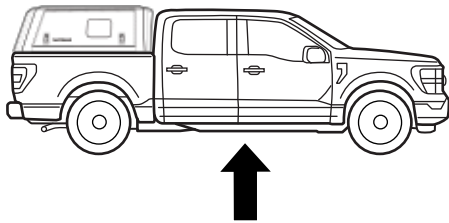


I-SHEET-NA-F2

STEP 81

ROUTE THE CONNECTOR HARNESS TOWARDS THE REAR OF THE VEHICLE, ALONG THE FRAME OF THE CHASSIS.

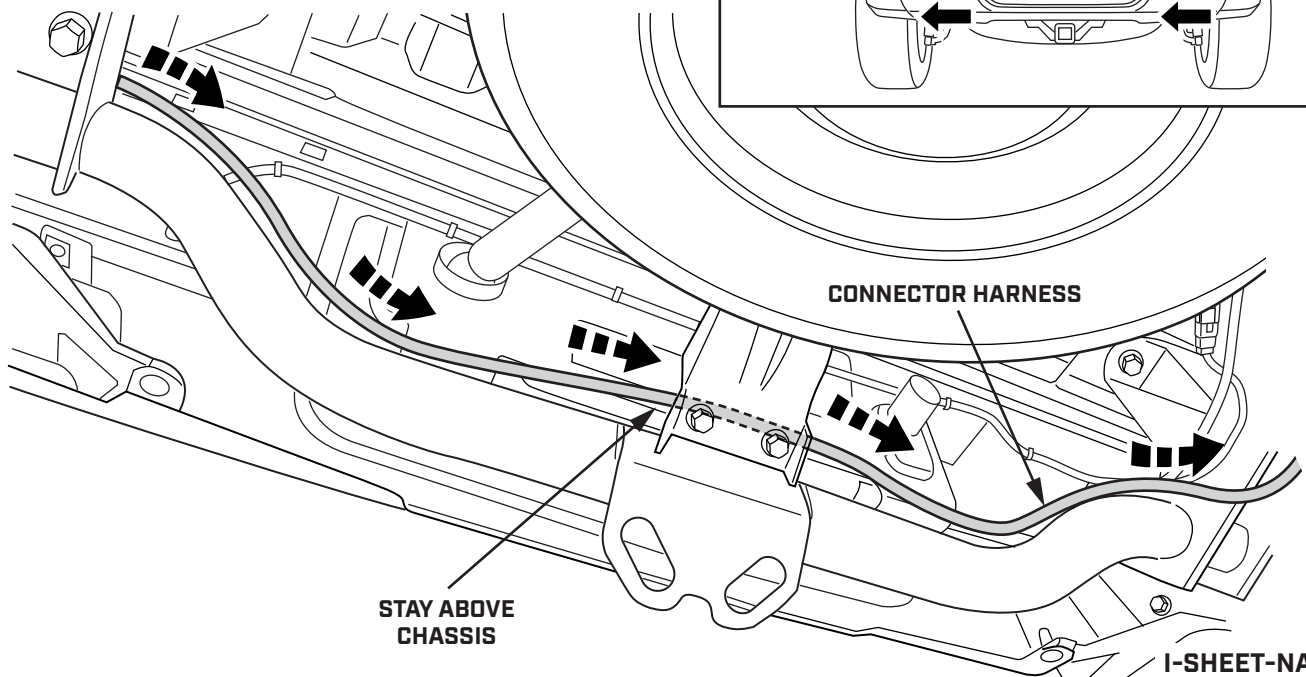
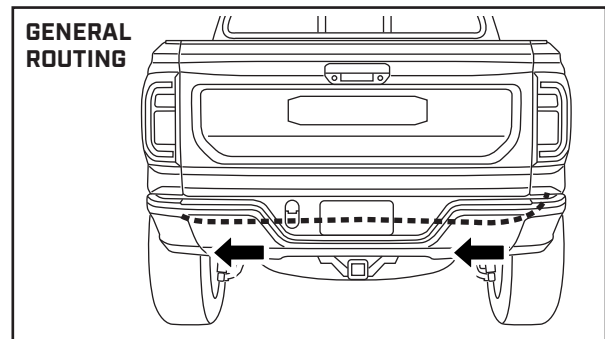
SECURING TO THE VEHICLE WITH CABLE TIES AT APPROX. 6 INCH INTERVALS WHENEVER POSSIBLE.



STEP 82

BEGIN ROUTING THE CONNECTOR HARNESS TOWARDS THE RIGHT SIDE OF THE TRUCK ALONG THE REAR BUMPER.

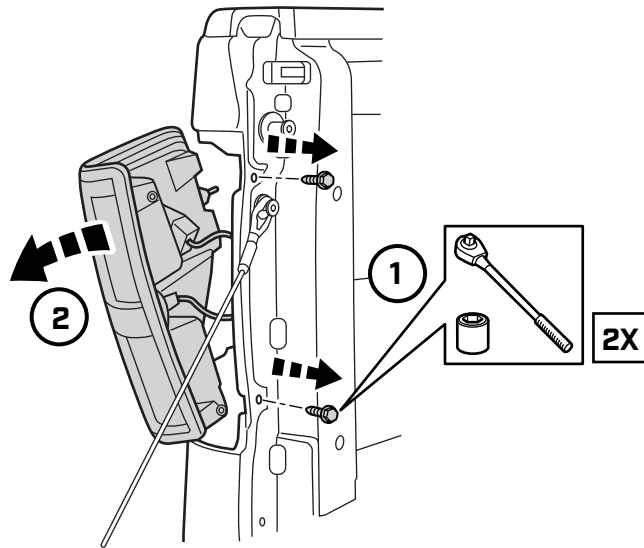
ROUTE THE HARNESS ABOVE THE CHASSIS AS SHOWN BELOW.



STEP 83

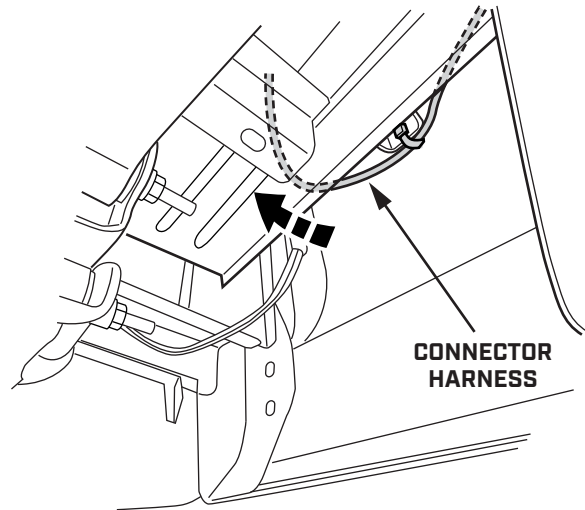
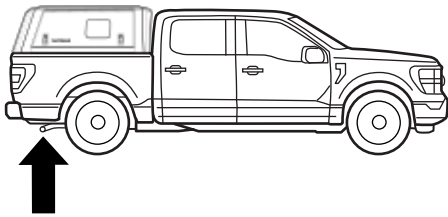
REMOVE THE BOLTS HOLDING THE DRIVER SIDE TAILLIGHT ASSEMBLY.

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



STEP 84

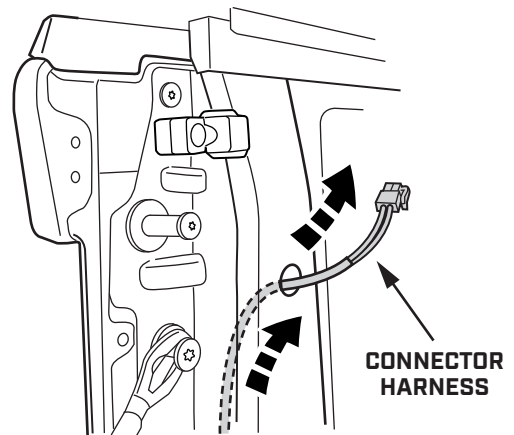
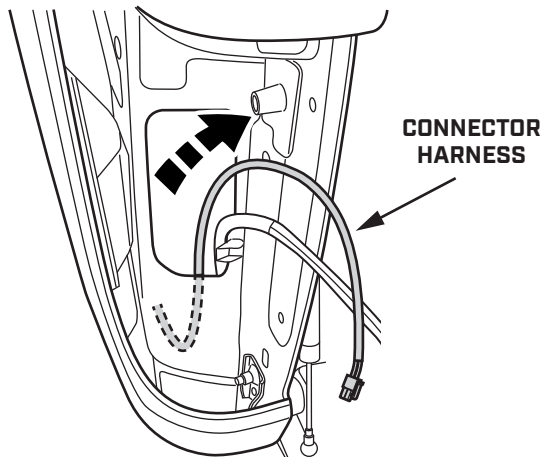
ROUTE THE CONNECTOR HARNESS UP TOWARDS THE TAILLIGHT CAVITY.



STEP 85

CAREFULLY PULL THE CONNECTOR HARNESS OUT THROUGH THE TAILLIGHT CAVITY.

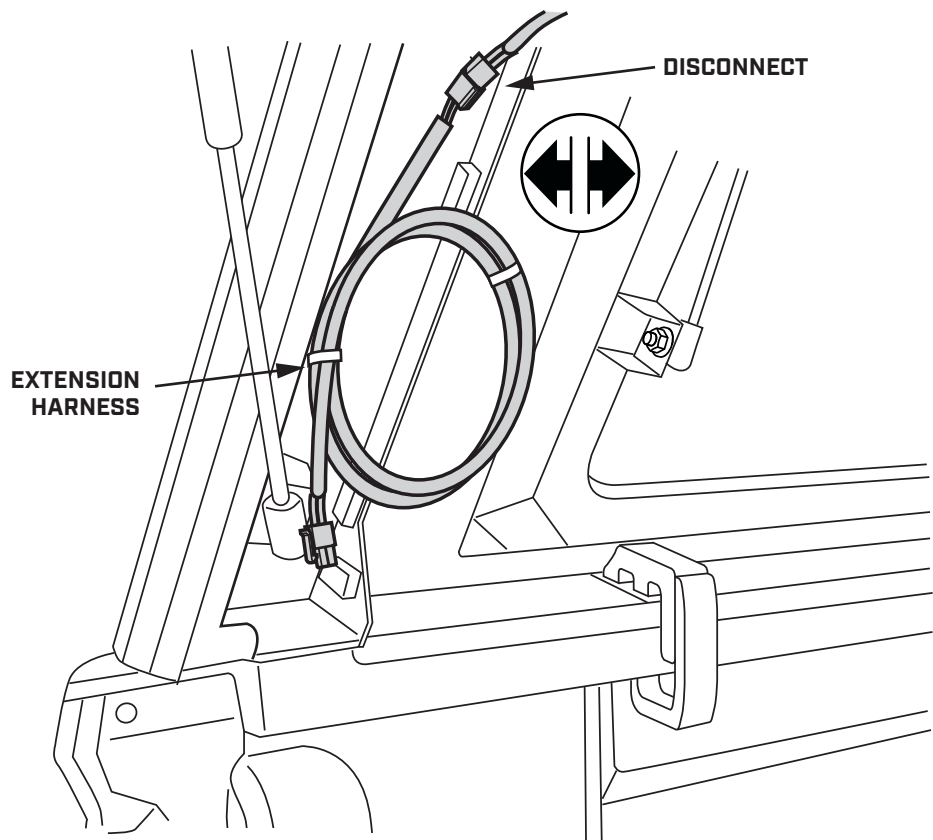
ROUTE THE CONNECTOR HARNESS UP AND OUT THROUGH THE HOLE IN THE SIDE OF THE BED.



I-SHEET-NA-F2

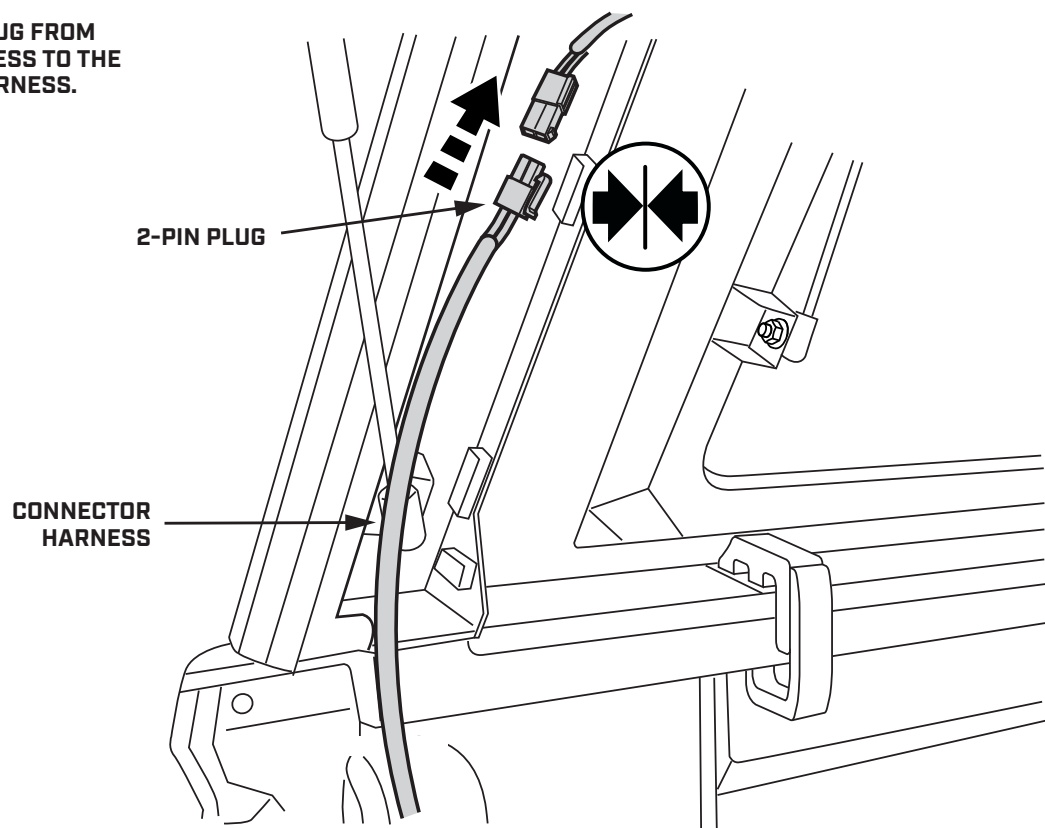
STEP 86

LOCATE AND DISCONNECT THE THIRD BRAKE LIGHT EXTENSION HARNESS FROM THE INSIDE BACK LEFT CORNER OF THE SMARTCAP.



STEP 87

CONNECT THE 2-PIN PLUG FROM THE CONNECTOR HARNESS TO THE THIRD BRAKE LIGHT HARNESS.

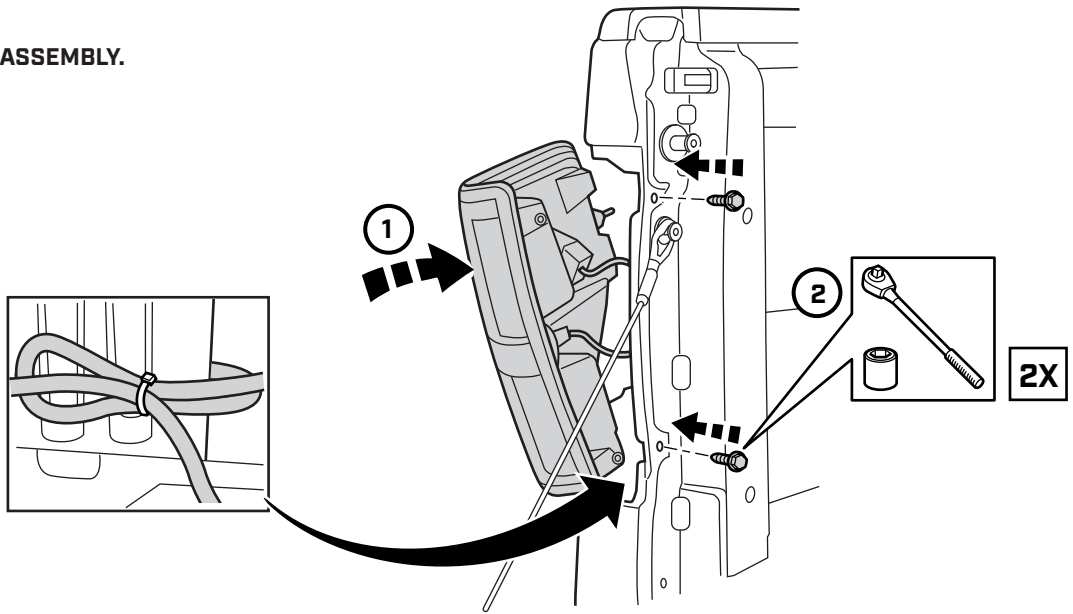


I-SHEET-NA-F2

STEP 88

REINSTALL THE TAILLIGHT ASSEMBLY.

BUNDLE EXTRA
HARNES LENGTH
IN THE TAIL LIGHT
CAVITY AND SECURE
WITH A CABLE TIE.



STEP 89



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 HARNES WITH CABLE TIES.
- ▼ BE SURE NOT TO INTERFERE WITH ANY MOVING PARTS ON THE VEHICLE.

SMARTCAP[®]

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

SMARTCAP.COM

SUPPORT.NA@SMARTCAP.COM - NORTH AMERICA
SUPPORT.SA@SMARTCAP.COM - REST OF WORLD



I-SHEET-NA-F2