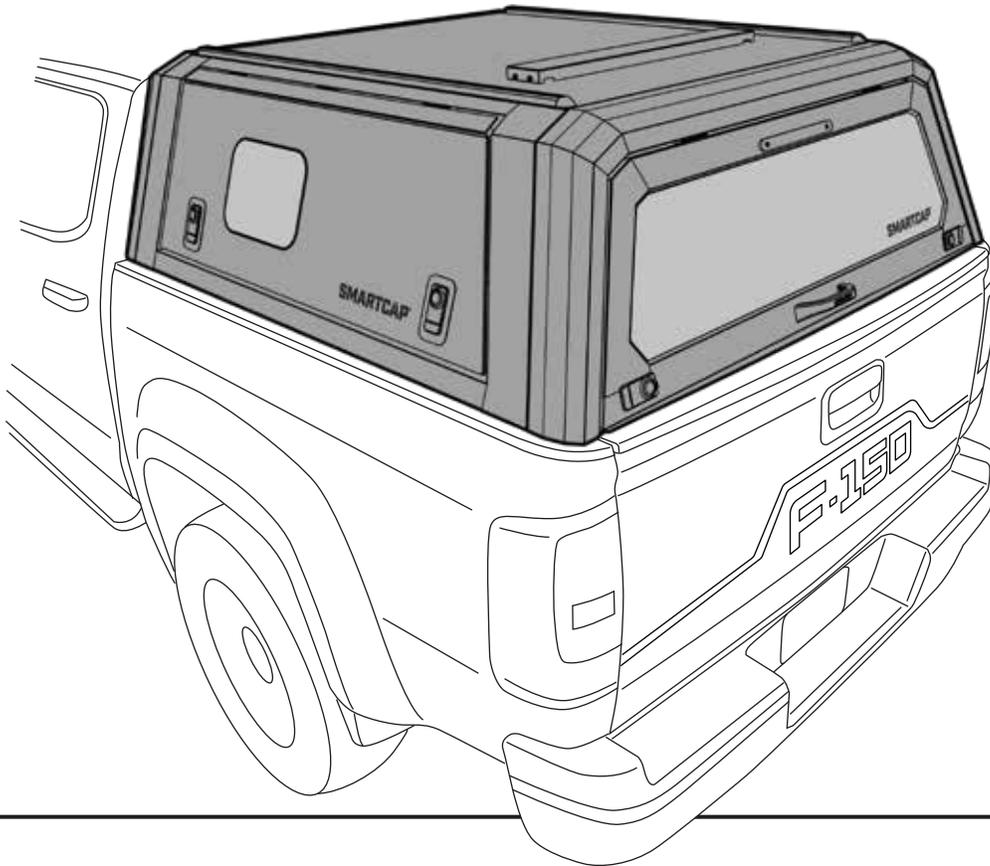


SMARTCAP®

INSTRUCTION GUIDE

FORD F-150 EDITION

2021-CURRENT (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.**

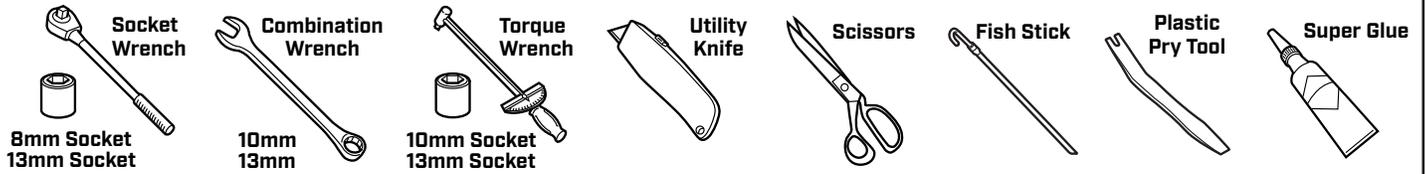
SMARTCAP.COM

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



I-SHEET-NA-F2

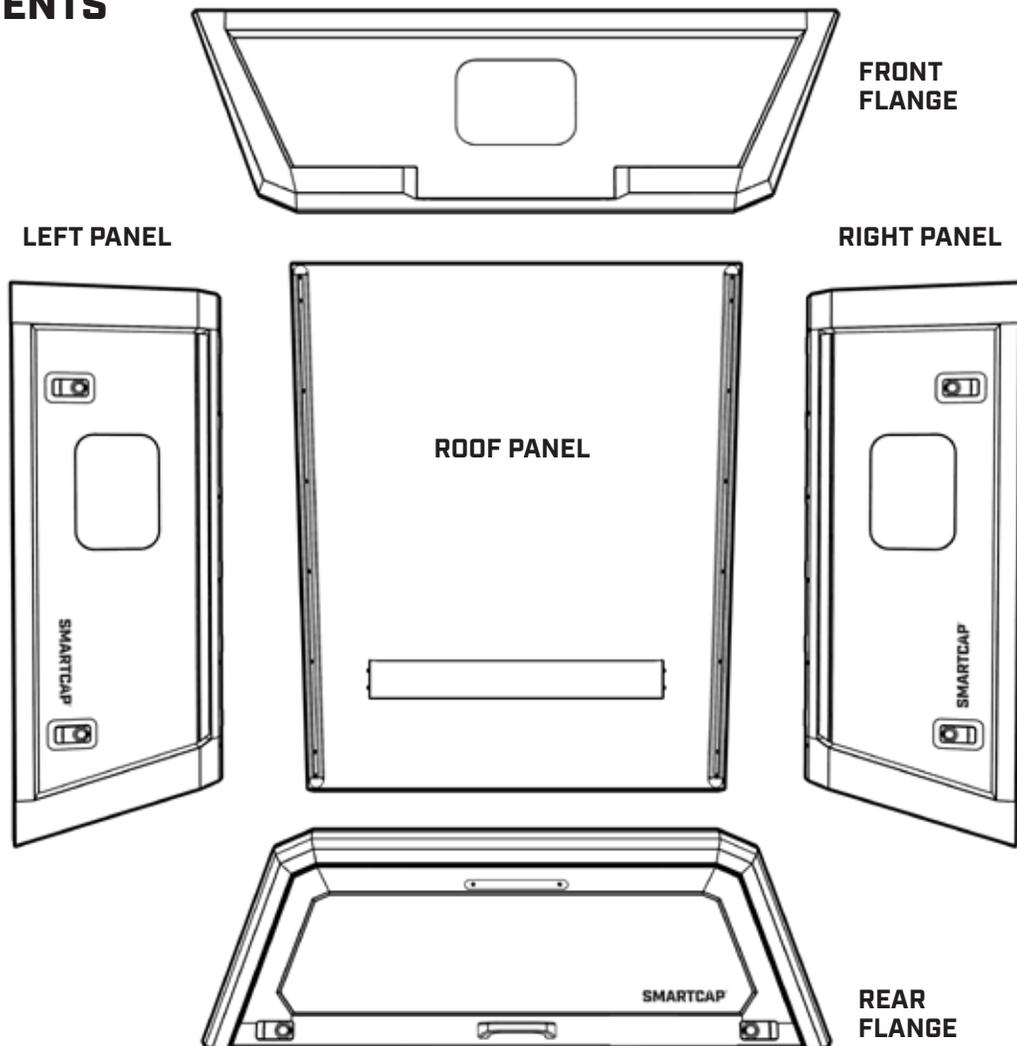
TOOLS REQUIRED



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

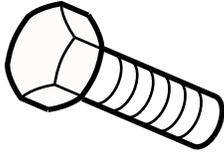


I-SHEET-NA-F2

ASSEMBLY HARDWARE

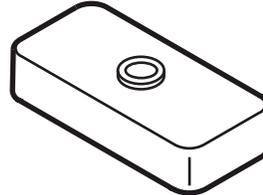
FITMENT KIT

M6 BOLT



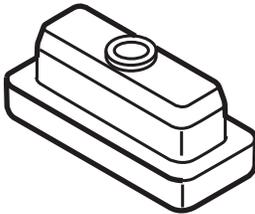
30X

**FASTENER
BLOCK CLAMP**



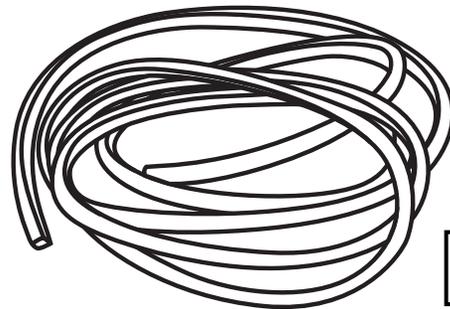
30X

**FASTENER
BLOCK**



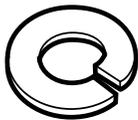
30X

D - RUBBER



1X

**M6 LOCK
WASHER**



30X

PRE-FASTENED TO ROOF PANEL

**M6 FENDER
WASHER**



12X

SHORT BED

14X

STANDARD BED

**M6 LOCK
NUT**



12X

SHORT BED

14X

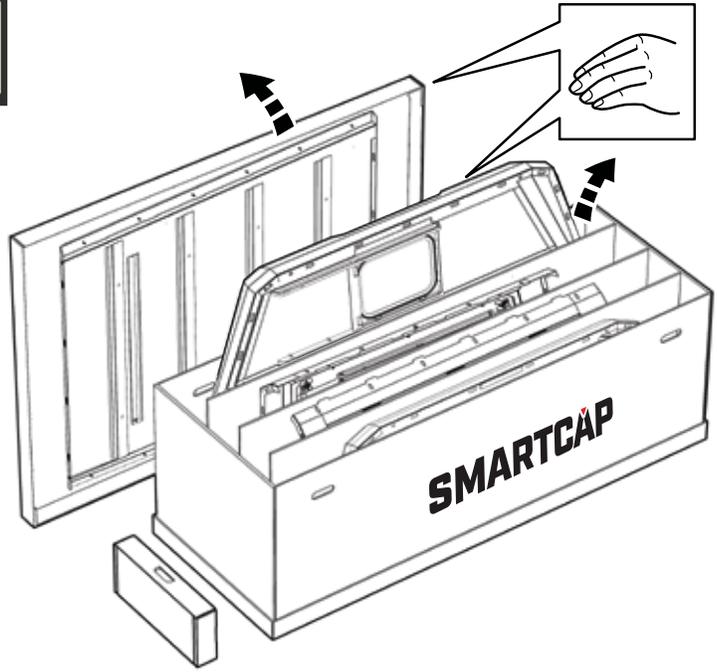
STANDARD BED

STEP 1



IMPORTANT

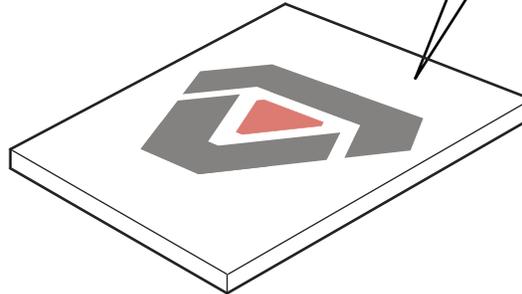
- ▼ BE SURE TO REMOVE ALL FIVE PANELS FROM THEIR PACKAGING AND INSPECT THE PAINTED SURFACES PRIOR TO ASSEMBLY, AS SMARTCAP WILL NOT ACCEPT WARRANTY CLAIMS AFTER ASSEMBLY IS COMPLETED. IF MANUFACTURING IMPERFECTIONS OR SHIPPING DAMAGES ARE FOUND, DO NOT CONTINUE WITH THE ASSEMBLY PROCESS AND CONTACT SUPPORT.NA@SMARTCAP.COM.



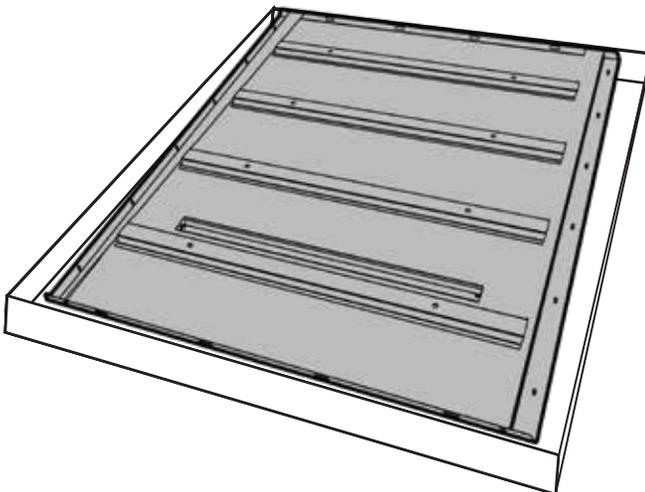
STEP 2

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

LOGO SIDE UP



USE LID AS WORK SURFACE

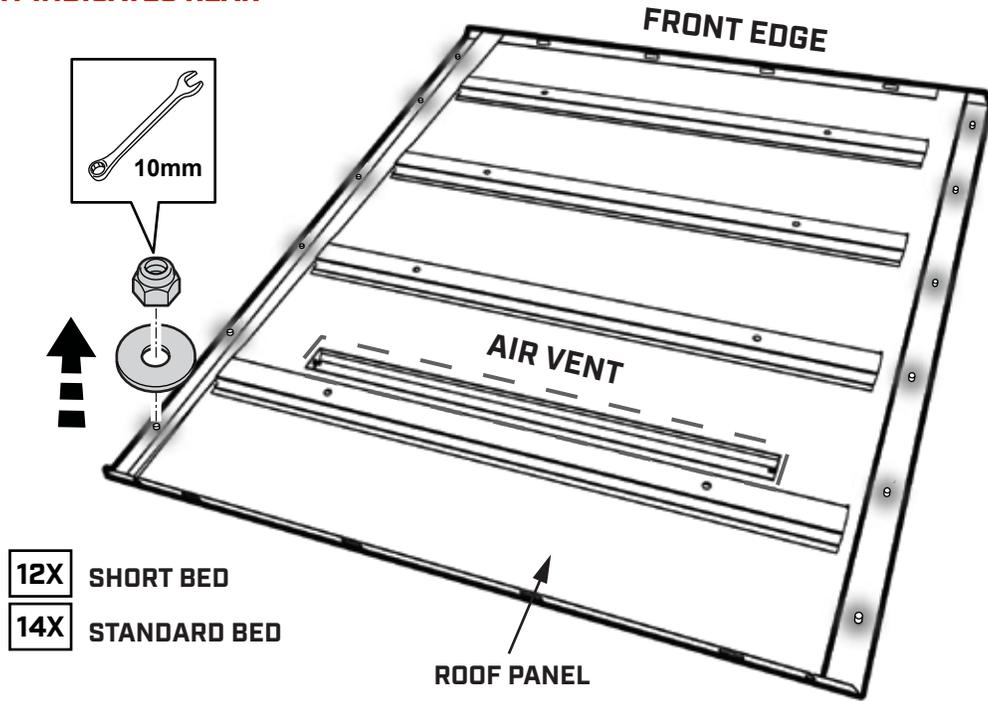


STEP 3

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



AIR VENT INDICATES REAR



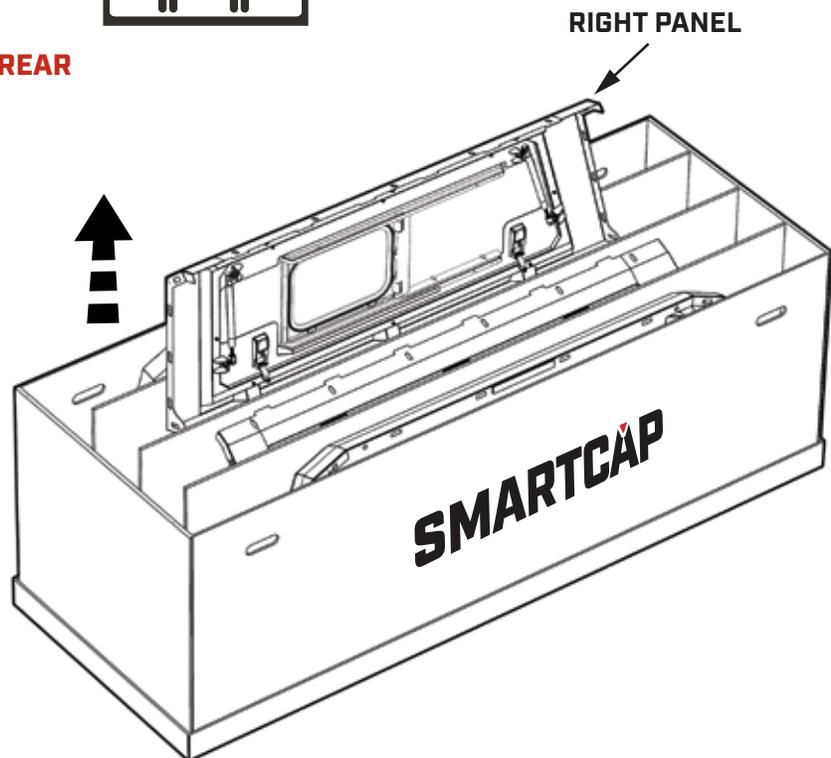
STEP 4

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

2 PERSON JOB



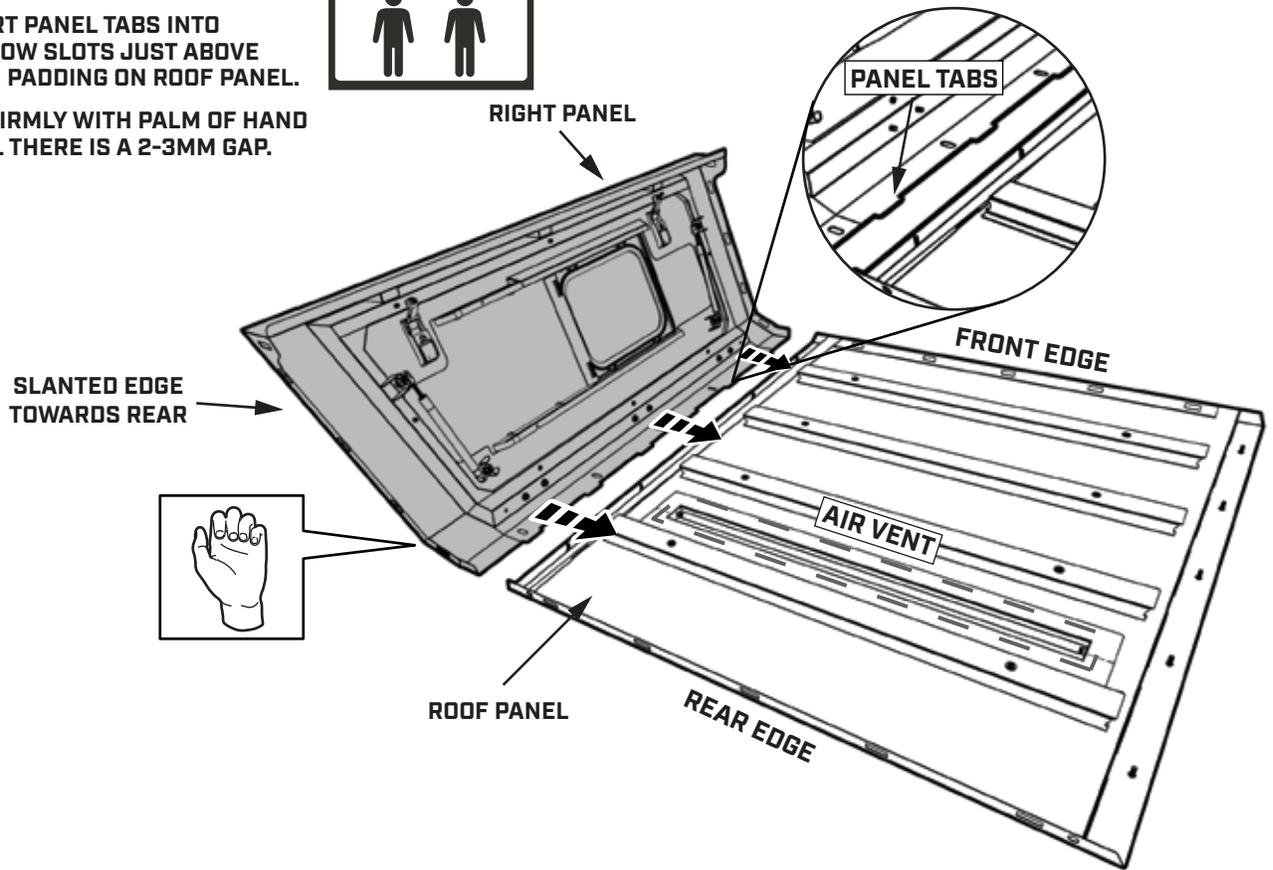
SLANTED EDGE INDICATES REAR



STEP 5

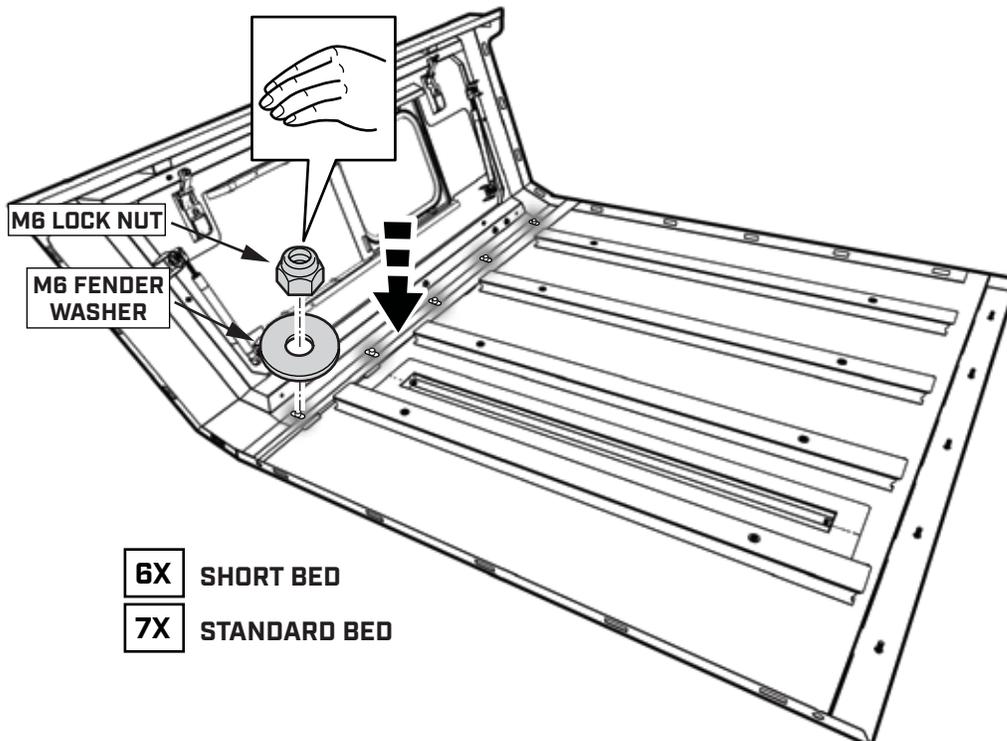
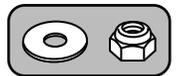
INSERT PANEL TABS INTO NARROW SLOTS JUST ABOVE FOAM PADDING ON ROOF PANEL.

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 BOLTS.



I-SHEET-NA-F2

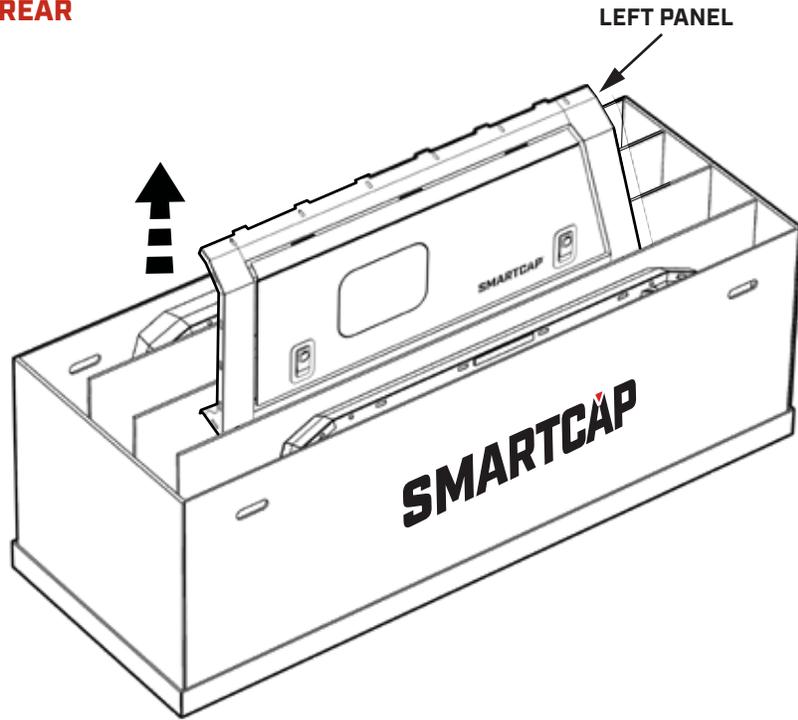
STEP 7

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

2 PERSON JOB



SLANTED EDGE INDICATES REAR



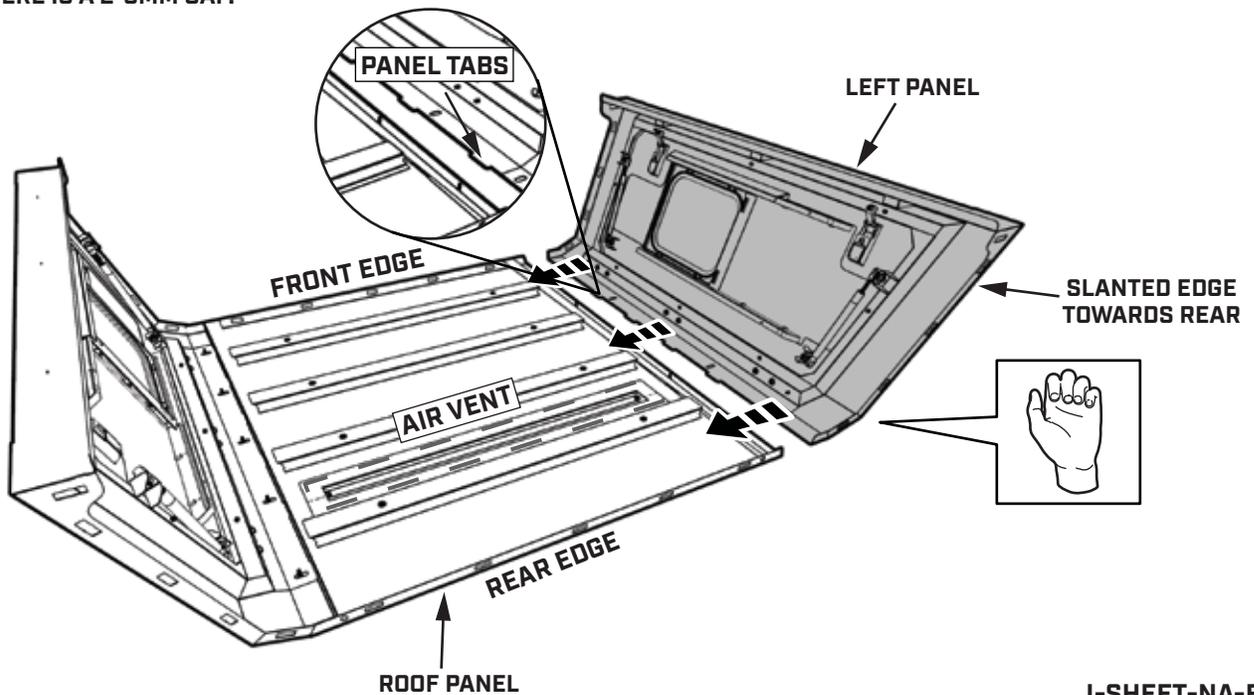
STEP 8

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

2 PERSON JOB



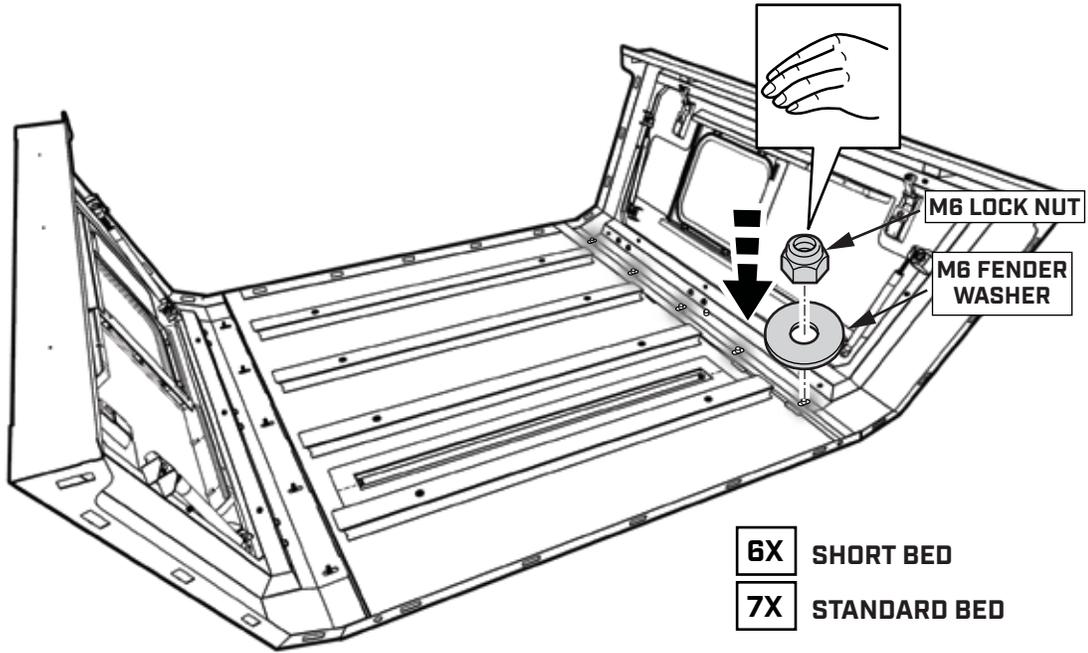
TAP FIRMLY WITH PALM OF HAND UNTIL THERE IS A 2-3MM GAP.



I-SHEET-NA-F2

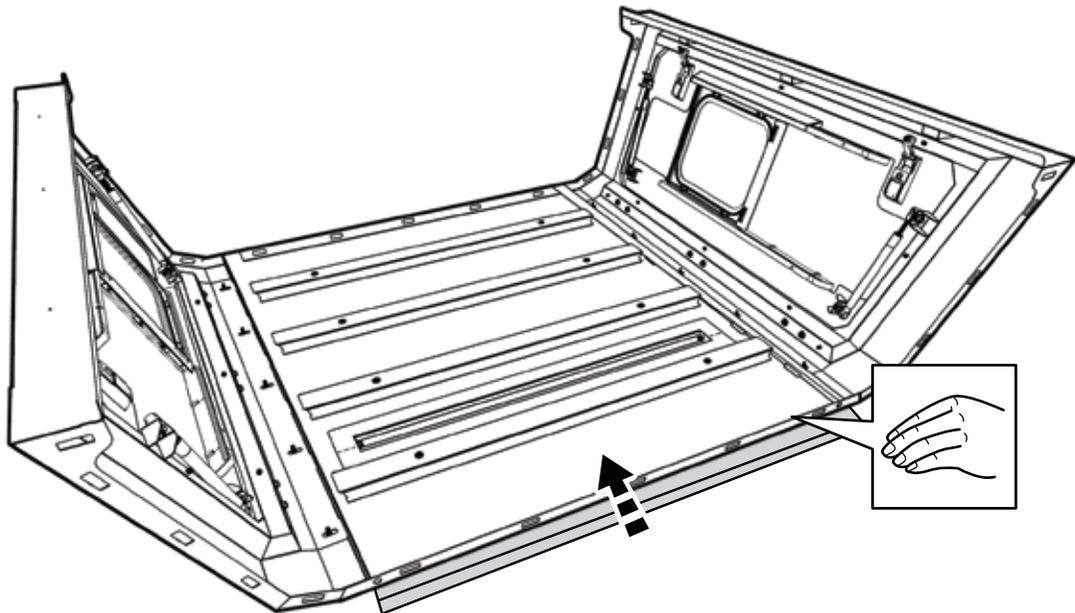
STEP 9

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



STEP 10

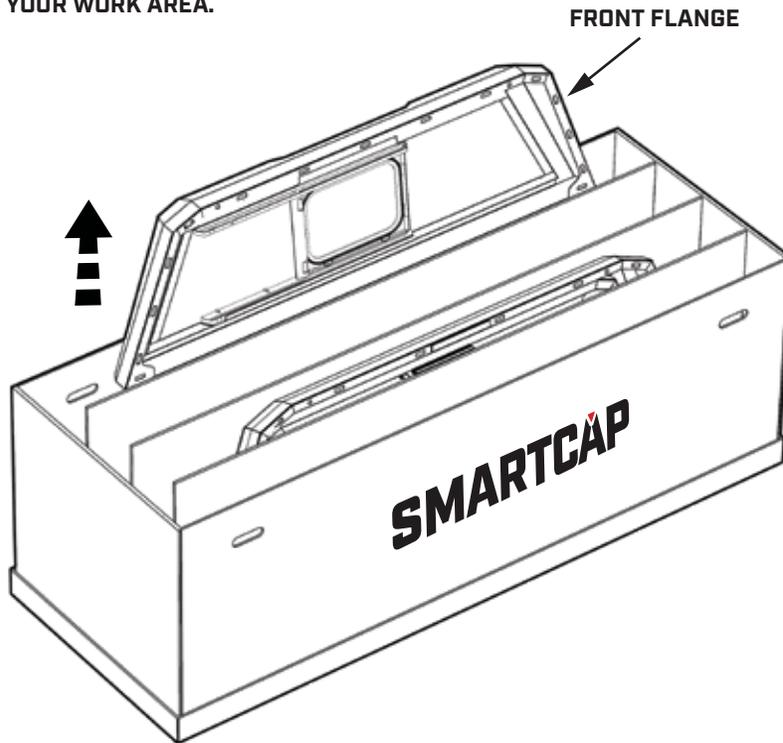
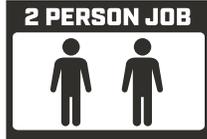
PUSH THE SMARTCAP TO EXPOSE A FEW INCHES OF STYROFOAM UNDERNEATH THE ROOF PANEL TO PROVIDE SUPPORT FOR THE FRONT FLANGE.



STEP 11

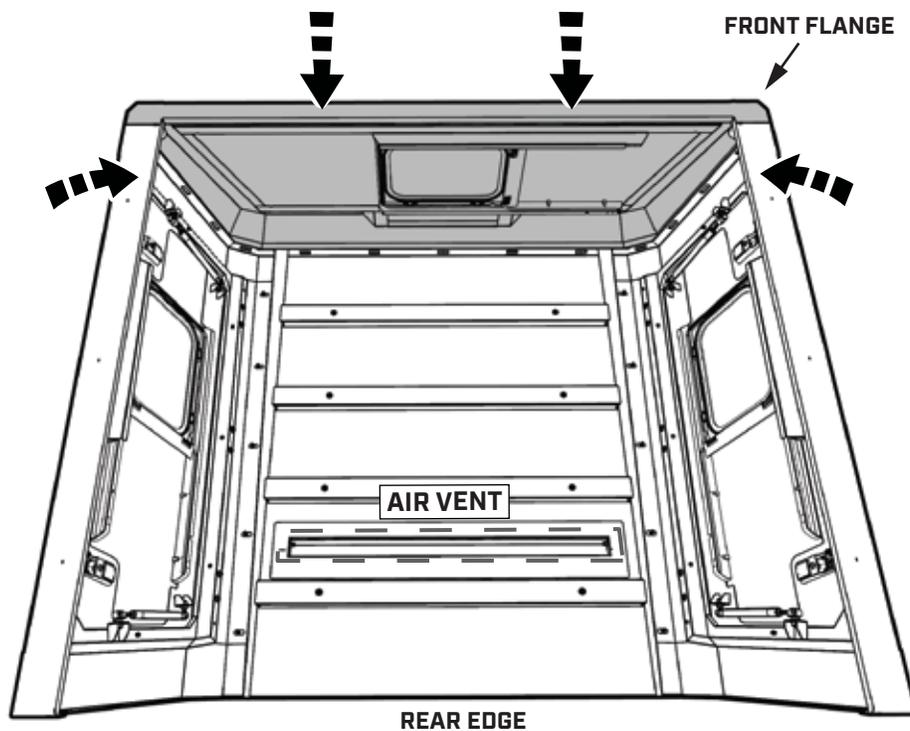
RETRIEVE THE NECESSARY HARDWARE FROM THE FITMENT KIT.

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



STEP 12

PLACE FRONT FLANGE AS SHOWN BELOW.



I-SHEET-NA-F2

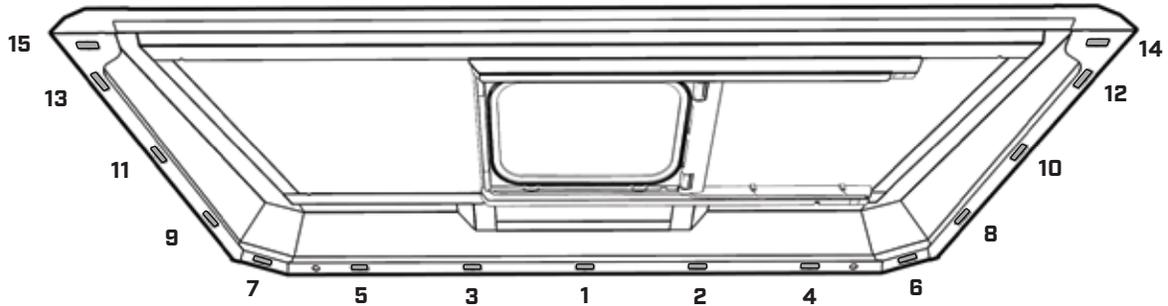
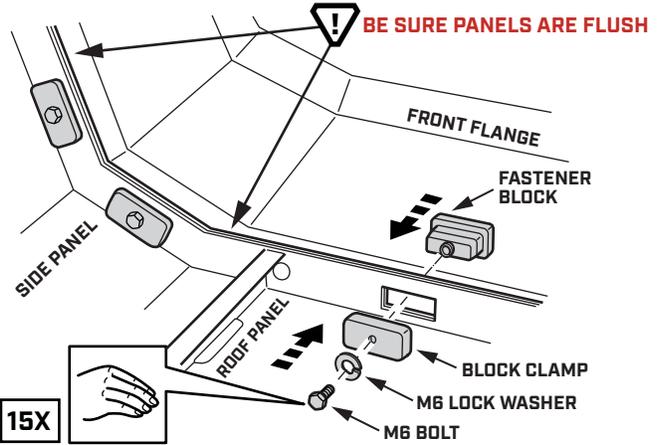
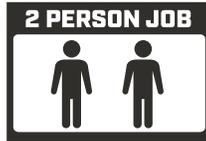
STEP 13

INSTALL HARDWARE ALONG FRONT FLANGE WITH M6 BOLT ON INSIDE.

START WITH ASSEMBLING FASTENER BLOCKS 1-5.

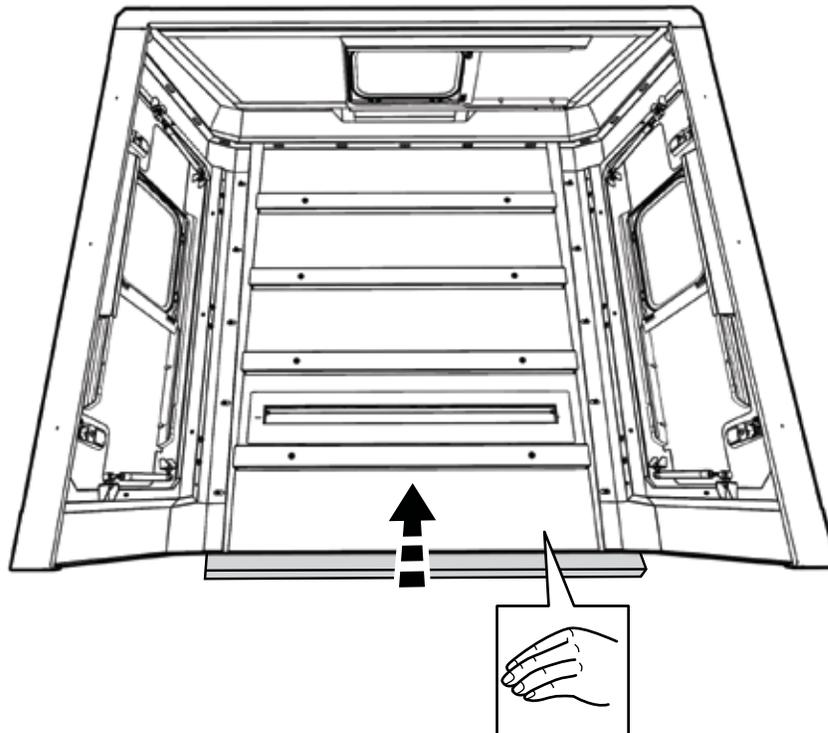
ADJUST LEFT AND RIGHT PANELS TO ALIGN FASTENER BLOCKS 6-15 FOR ASSEMBLY.

HAND TIGHTEN IN THE SEQUENCE SHOWN.



STEP 14

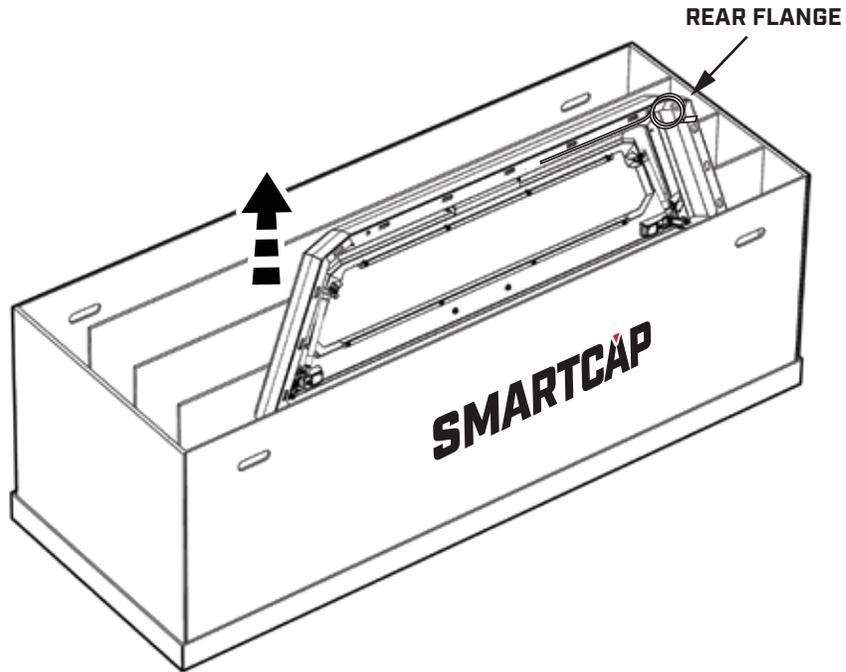
PUSH THE SMARTCAP TO EXPOSE A FEW INCHES OF STYROFOAM UNDERNEATH THE ROOF PANEL TO PROVIDE SUPPORT FOR THE REAR FLANGE.



STEP 15

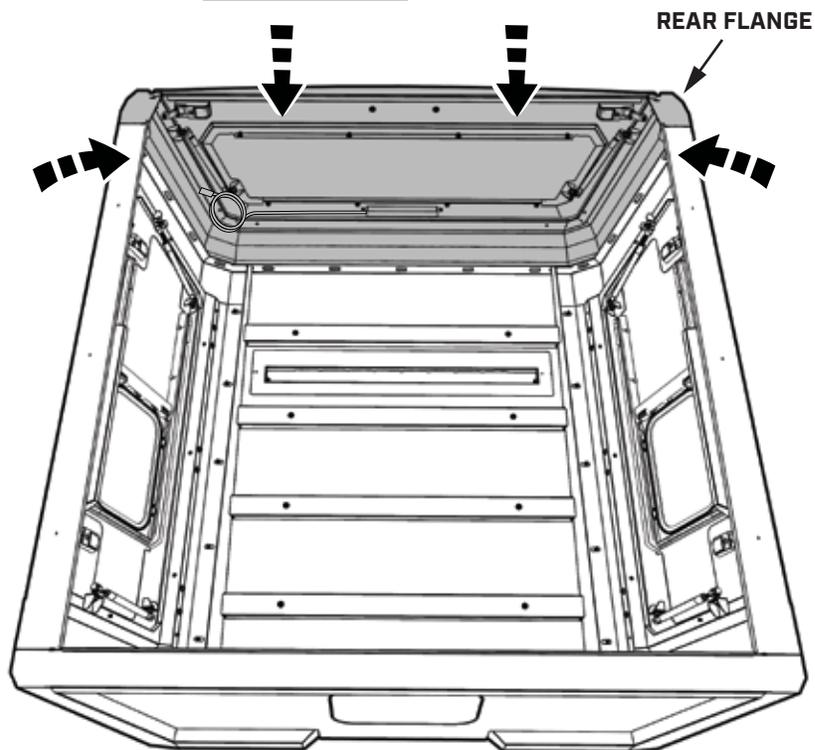
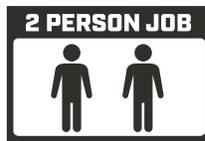
RETRIEVE THE NECESSARY HARDWARE FROM THE FITMENT KIT.

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



STEP 16

PLACE REAR FLANGE AS SHOWN BELOW.



I-SHEET-NA-F2

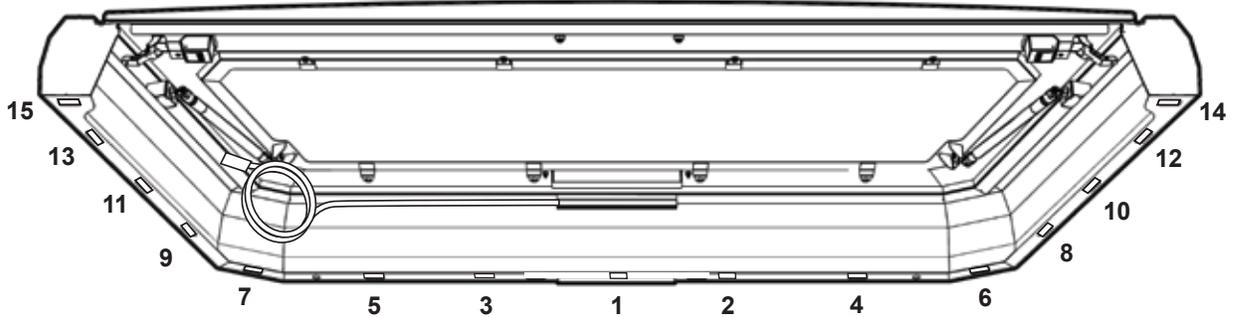
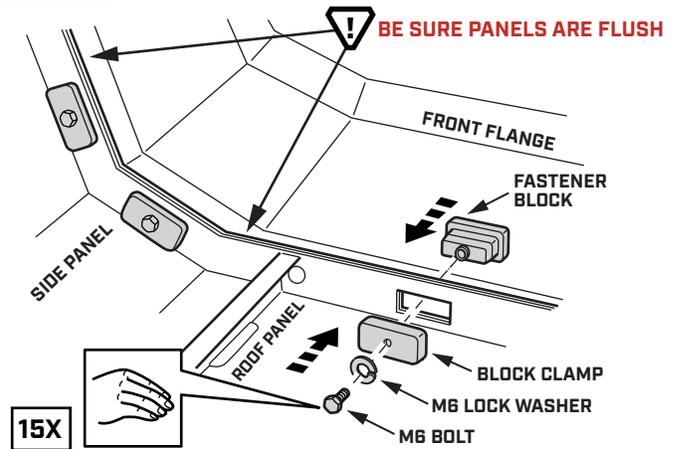
STEP 17

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.

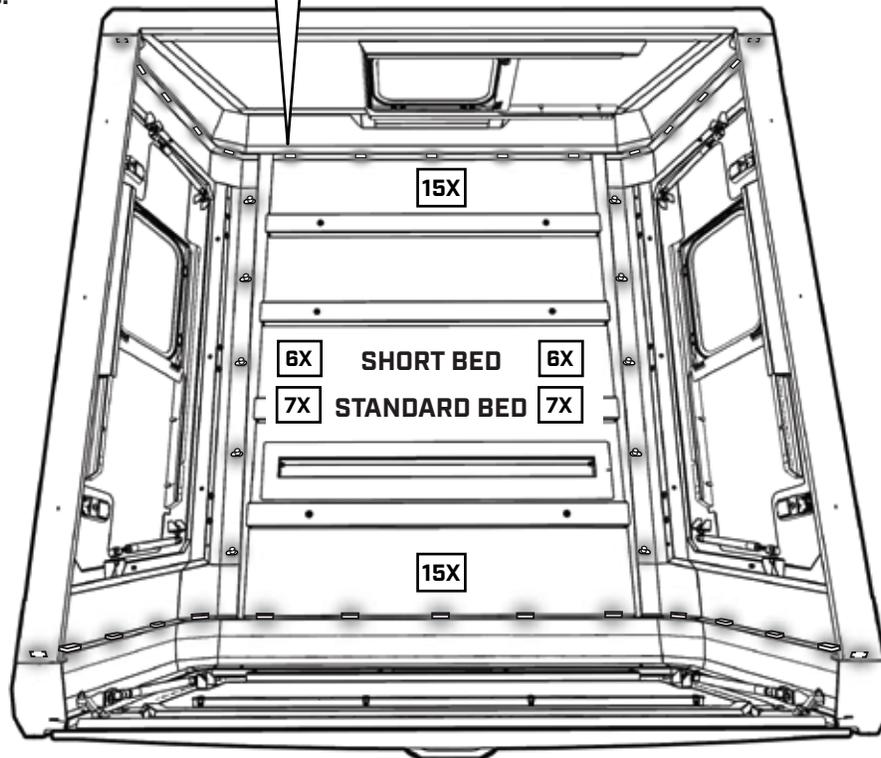


STEP 18

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



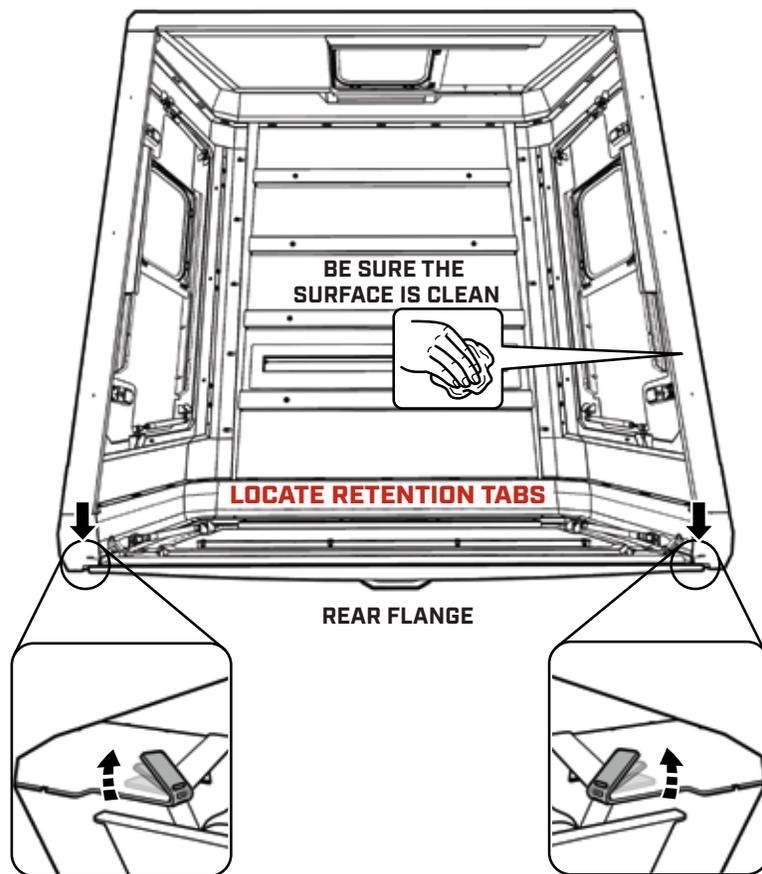
[3.7 ft. lbs]/[5 Nm]



STEP 19

ENSURE THE ENTIRE BOTTOM EDGE OF THE SMARTCAP IS CLEAN.

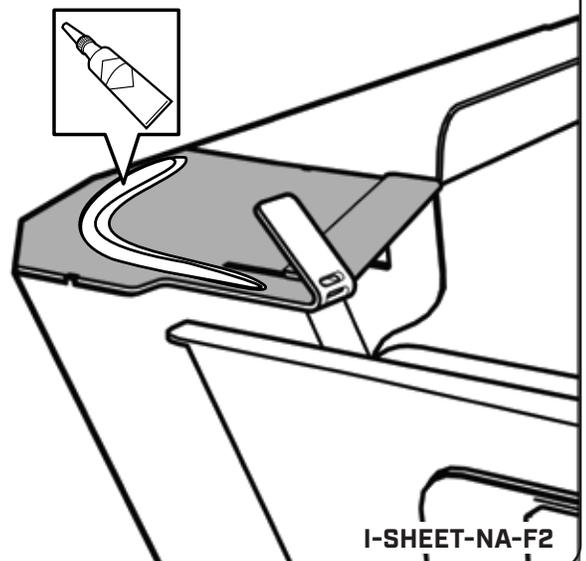
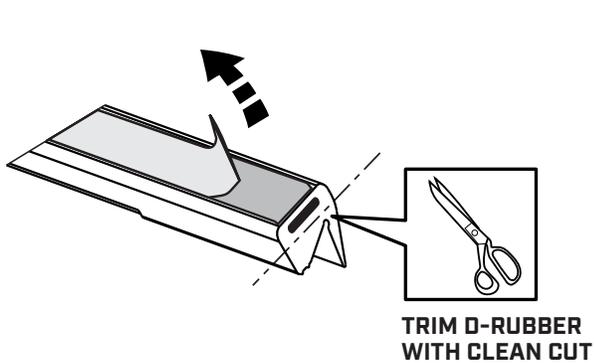
LOCATE BOTH RETENTION TABS ON THE REAR FLANGE AND BEND EACH TO A 45-DEGREE ANGLE FOR D-RUBBER FITMENT.



STEP 20

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

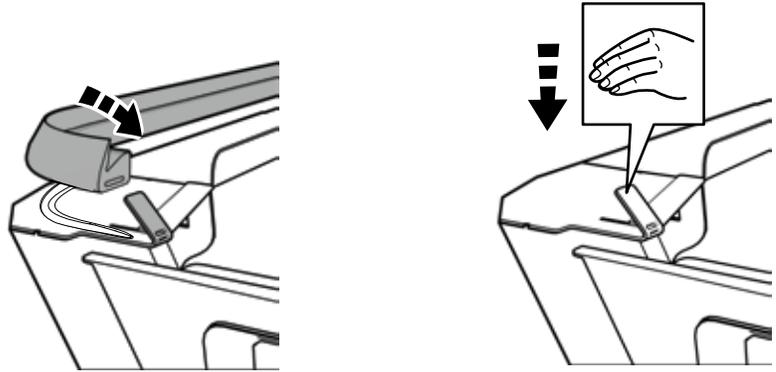
APPLY 2-3 INCHES OF SUPER GLUE NEAR THE RETENTION TABS, ALONG THE BOTTOM EDGE OF THE REAR FLANGE



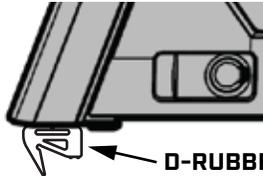
STEP 21

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

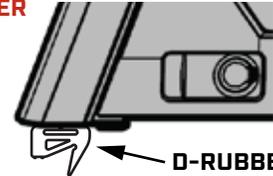
PRESS DOWN FIRMLY ON THE TAB AND THE D-RUBBER TO BOND IT TO THE REAR FLANGE, CREATING A TIGHT SEAL.



CORRECT D-RUBBER ORIENTATION



INCORRECT D-RUBBER ORIENTATION

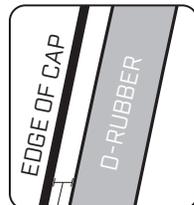


STEP 22

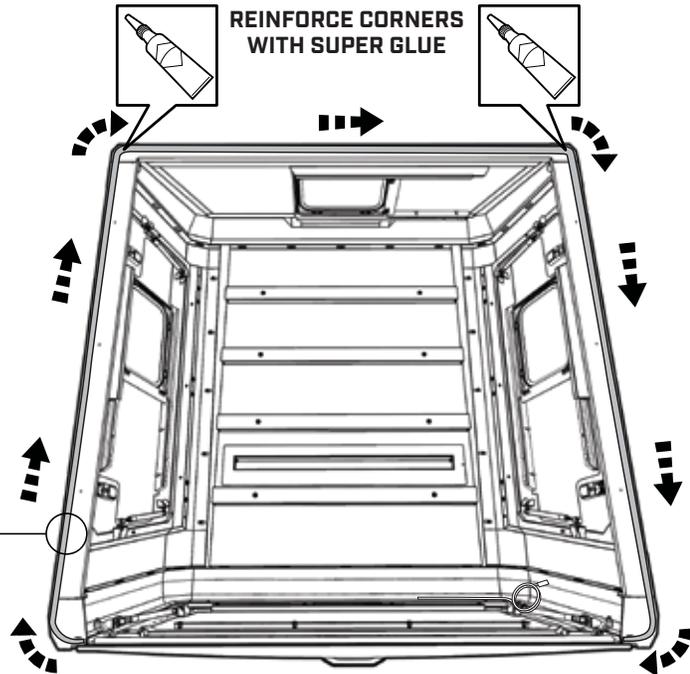
ALIGN THE D-RUBBER ALONG THE SMARTCAP'S EDGE, MAINTAINING A CONSISTENT 1/8 INCH GAP FROM THE EDGE.

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

APPLY 2-3 INCHES OF SUPER GLUE AT THE FRONT CORNERS, ALONG THE BOTTOM EDGE OF THE FRONT FLANGE.



1/8 INCH FROM EDGE

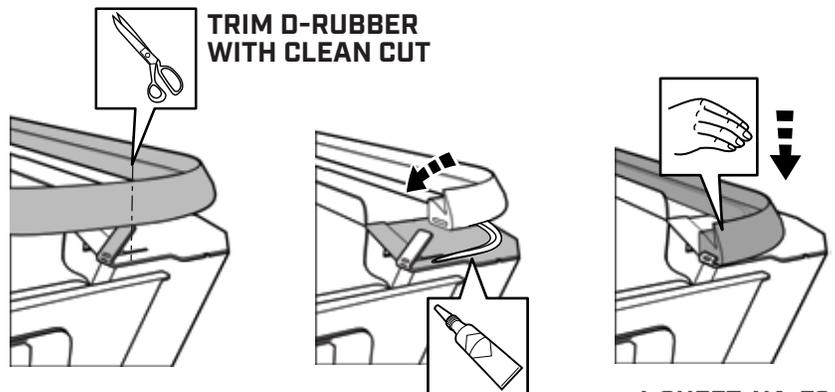


STEP 23

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

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

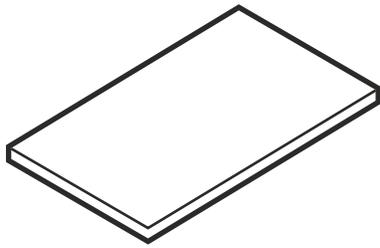
PRESS DOWN FIRMLY ON THE TAB AND THE D-RUBBER TO BOND IT TO THE REAR FLANGE, CREATING A TIGHT SEAL.



I-SHEET-NA-F2

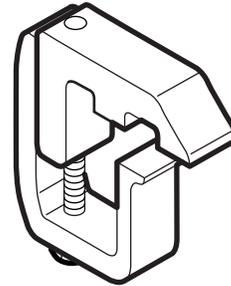
INSTALLATION HARDWARE

THIN RUBBER PAD



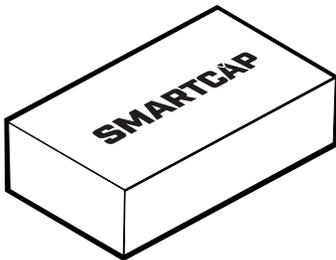
6X

MOUNTING CLAMP



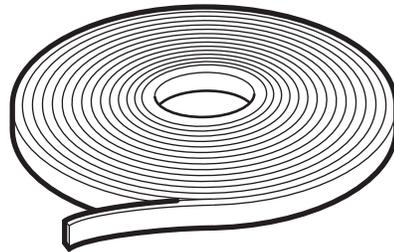
6X

THICK RUBBER PAD



8X

FOAM SEAL TAPE



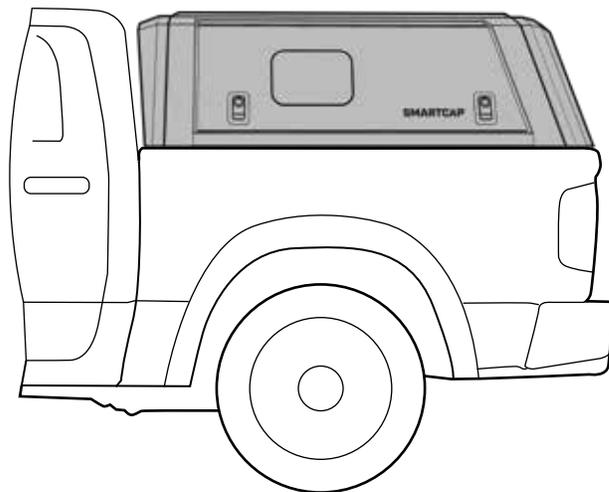
1X

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.



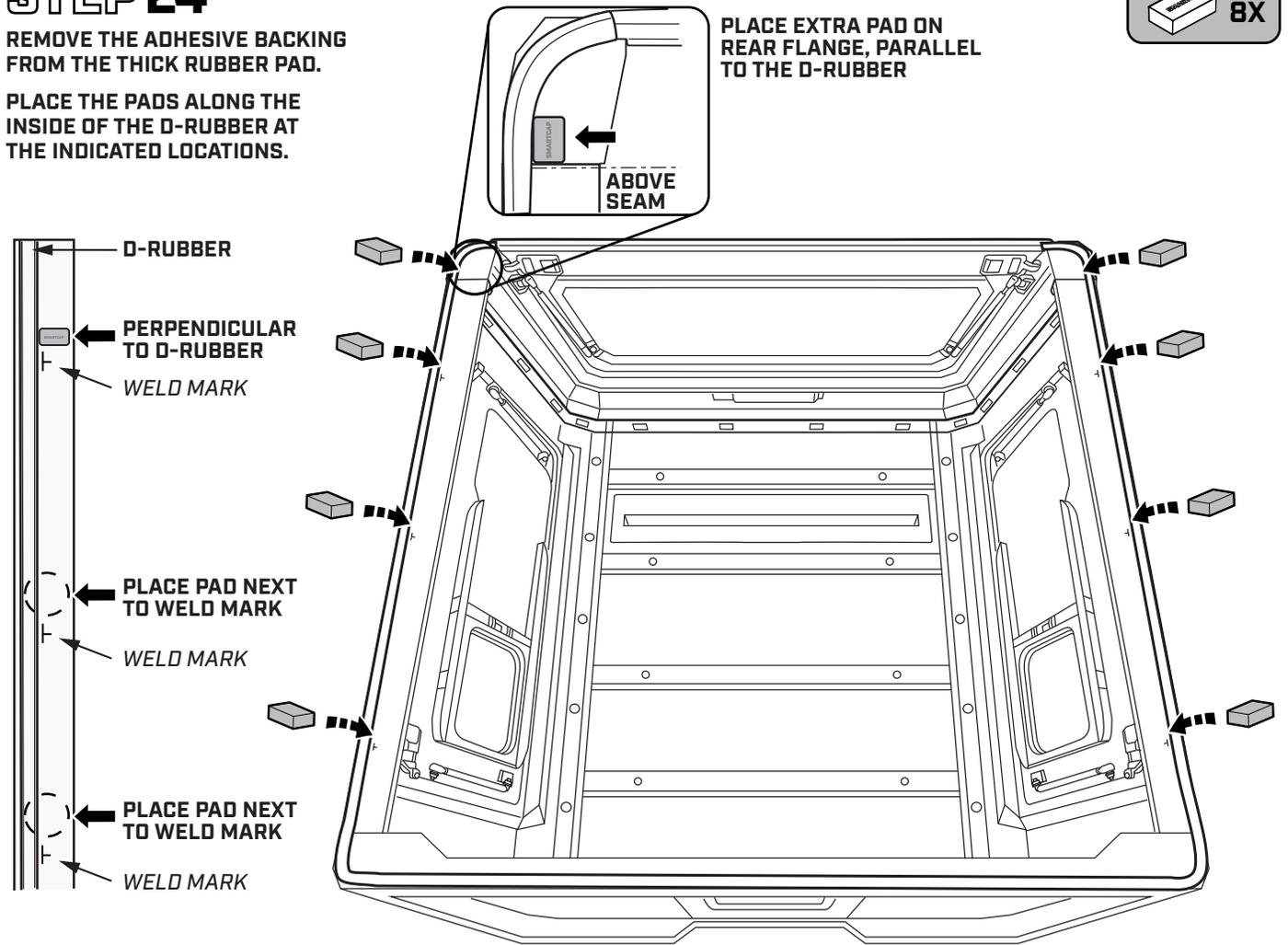
I-SHEET-NA-F2

STEP 24

REMOVE THE ADHESIVE BACKING FROM THE THICK RUBBER PAD.
PLACE THE PADS ALONG THE INSIDE OF THE D-RUBBER AT THE INDICATED LOCATIONS.

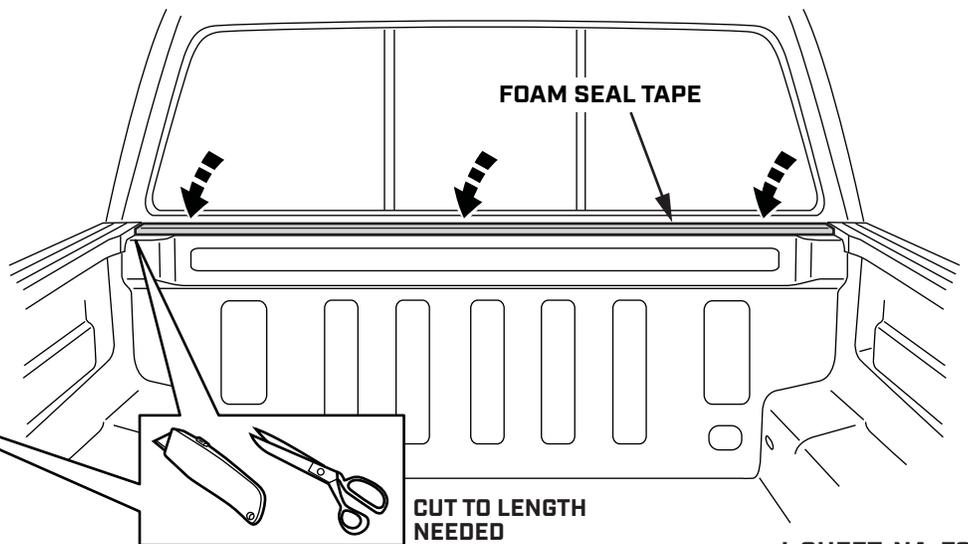
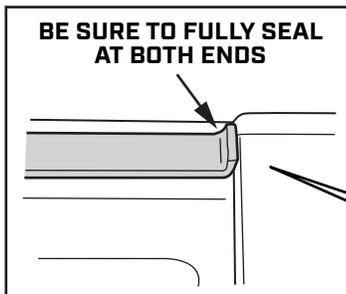
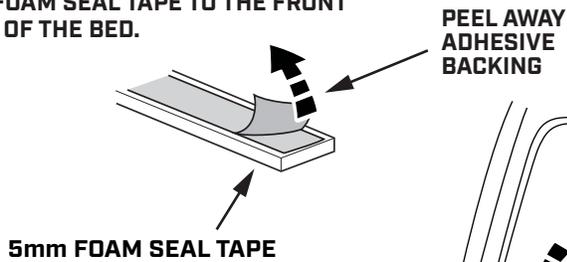
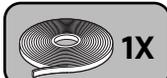


PLACE EXTRA PAD ON REAR FLANGE, PARALLEL TO THE D-RUBBER



STEP 25

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



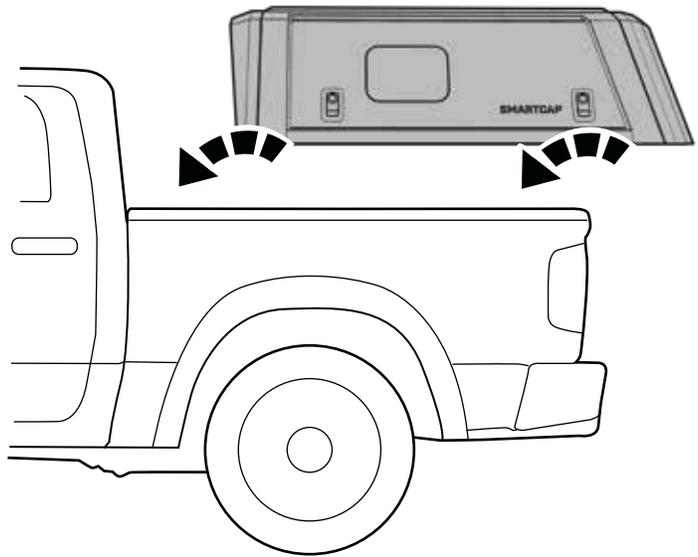
I-SHEET-NA-F2

STEP 26

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

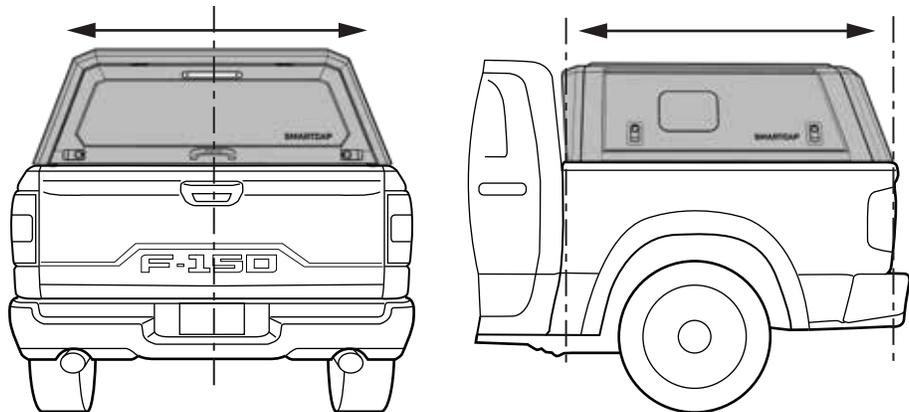


STEP 27

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

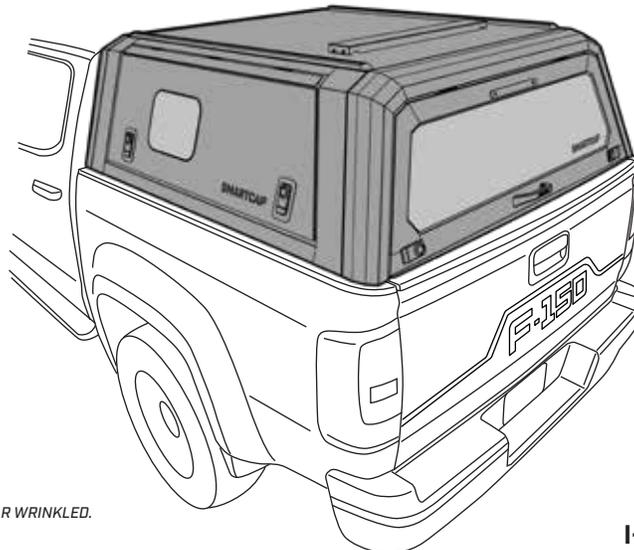
IT'S IMPORTANT THAT THE SMARTCAP IS NOT PUSHED TOO FAR FORWARD, LEAVING A GAP BETWEEN THE SMARTCAP AND THE CAB.

4 PERSON JOB



STEP 28

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.

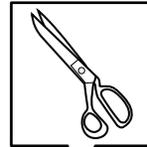
I-SHEET-NA-F2

STEP 29

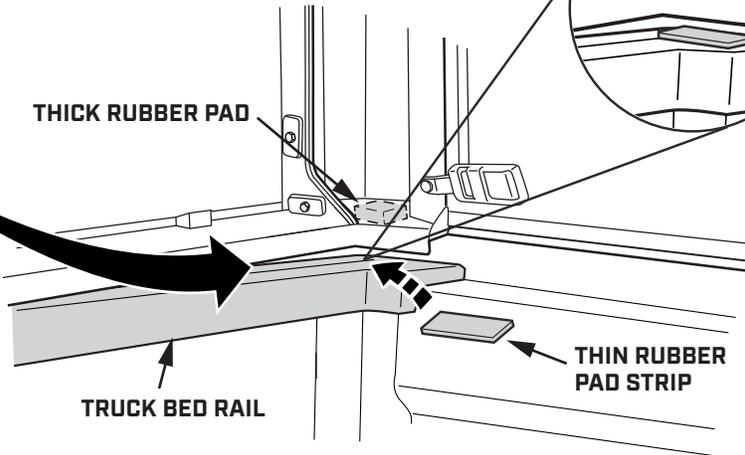
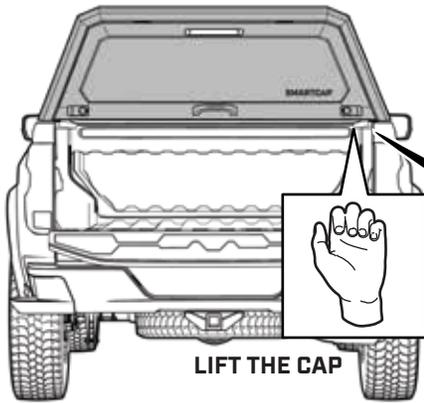
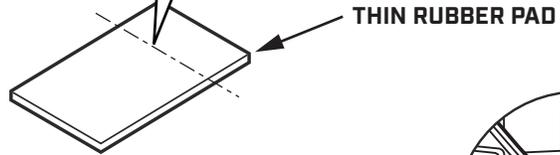
IN ORDER TO ENSURE CORRECT COMPRESSION OF THE D-RUBBER, YOU MUST TRIM TWO 1" INCH STRIPS FROM TWO DIFFERENT THIN RUBBER PADS.

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



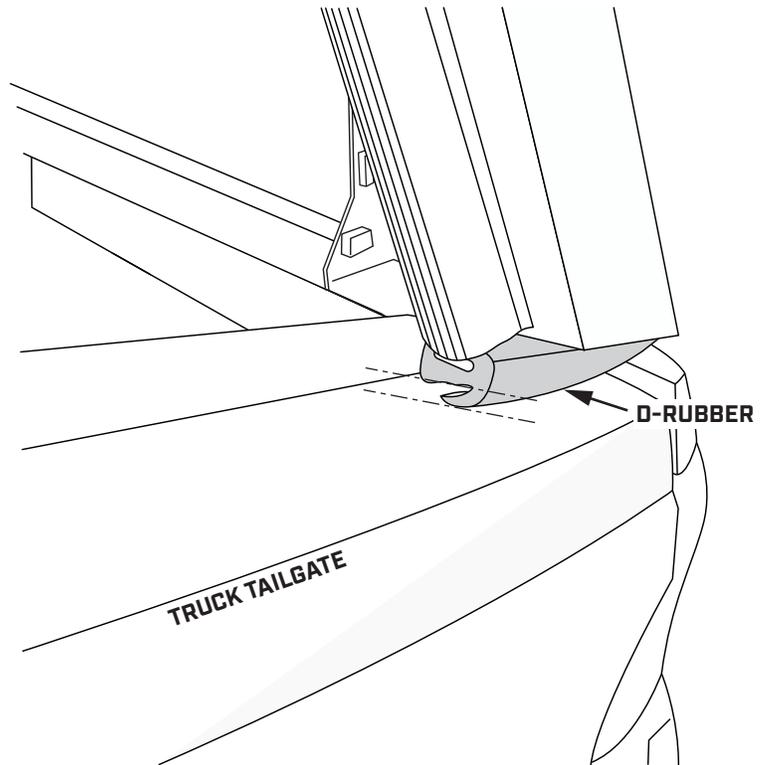
TRIM A 1" INCH STRIP FROM THIN RUBBER PAD.



STEP 30

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.

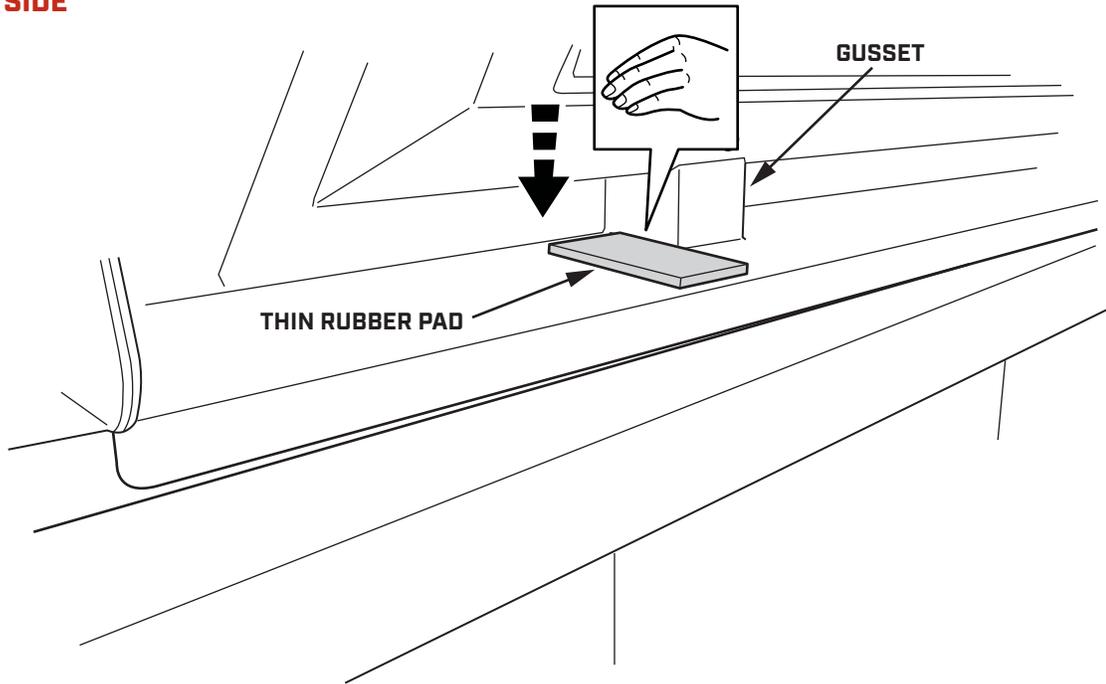


STEP 31



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

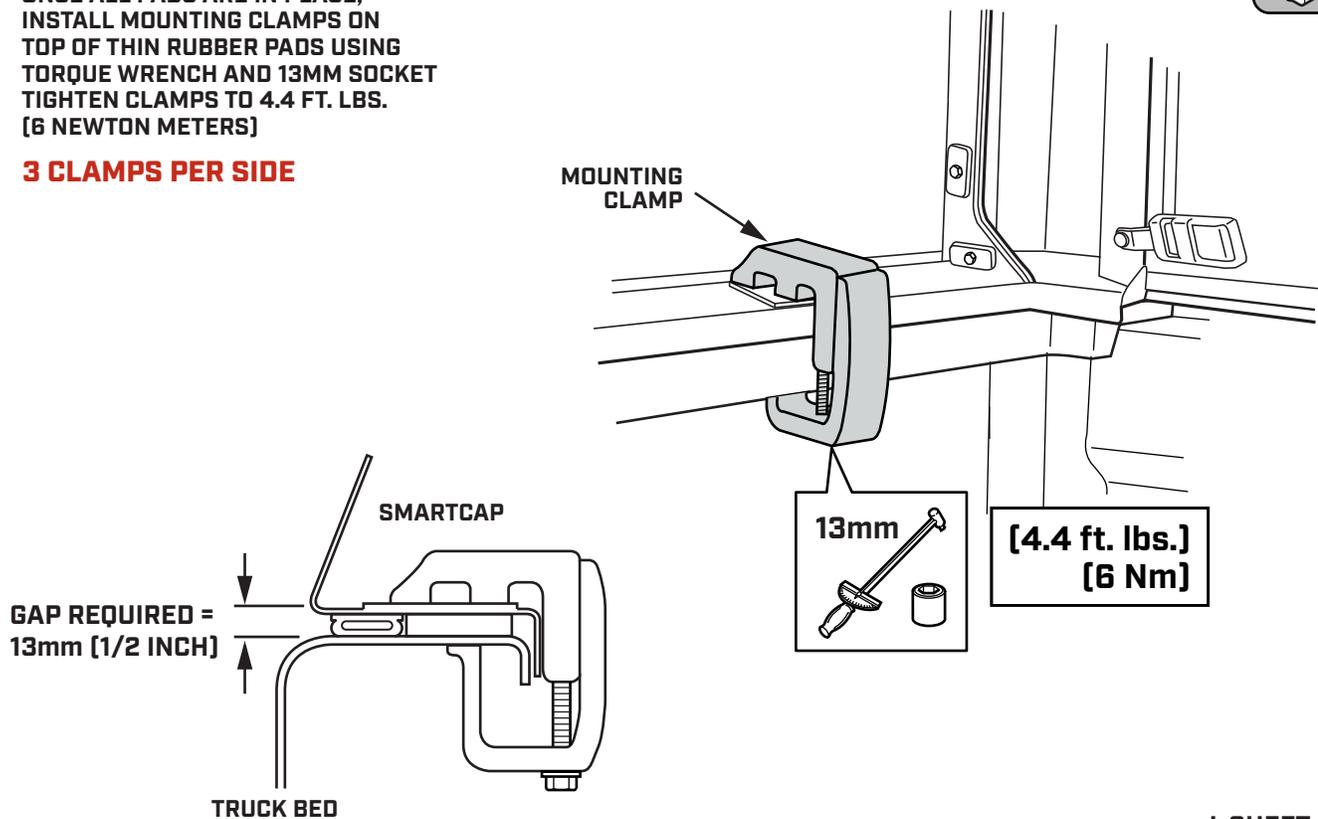


STEP 32



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]

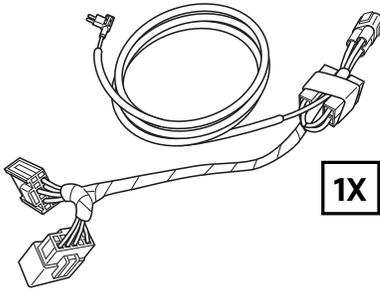
3 CLAMPS PER SIDE



THIRD BRAKE LIGHT HARDWARE

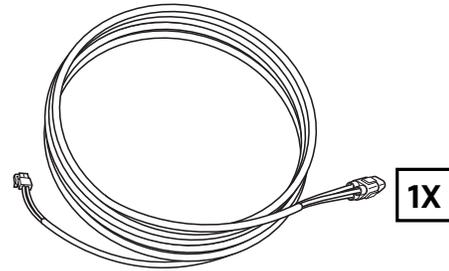
VERSION A STEPS 33-66

T-HARNESS



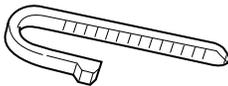
1X

CONNECTOR HARNESS



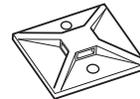
1X

CABLE TIE



8X

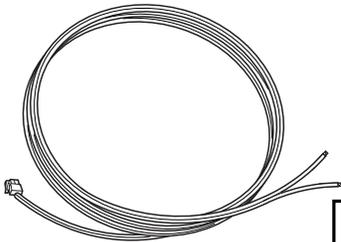
CABLE TIE BASE



2X

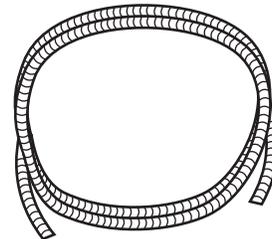
VERSION B STEPS 67-88

CONNECTOR HARNESS



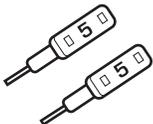
1X

PLASTIC SHEATH



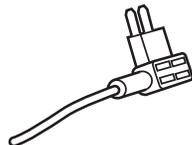
1X

FUSES



2X

FUSE CONNECTOR



1X

GROUND TERMINAL



1X

SPLICE TERMINAL



1X



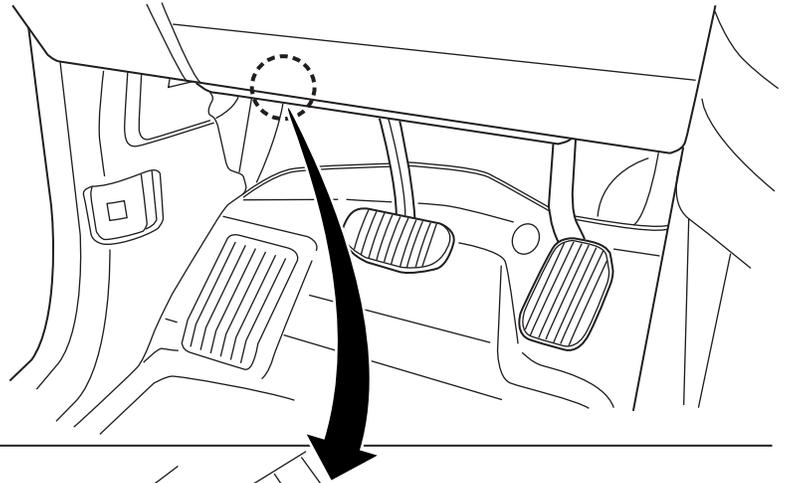
IMPORTANT

- ▼ 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.

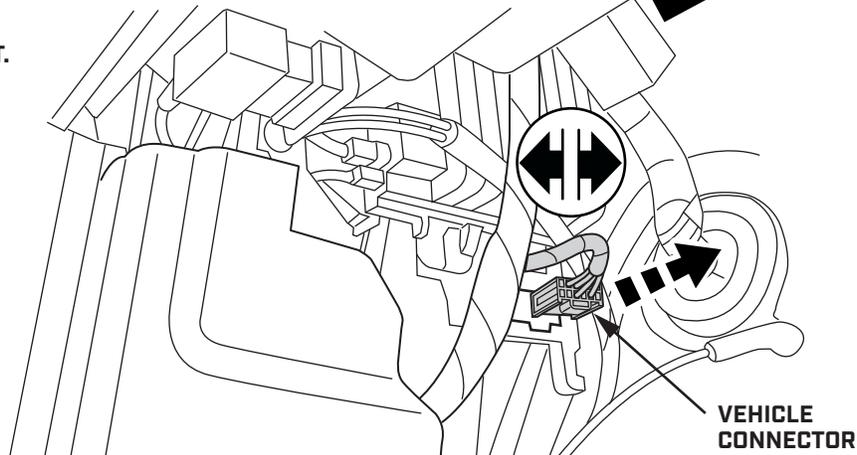
I-SHEET-NA-F2

STEP 33

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

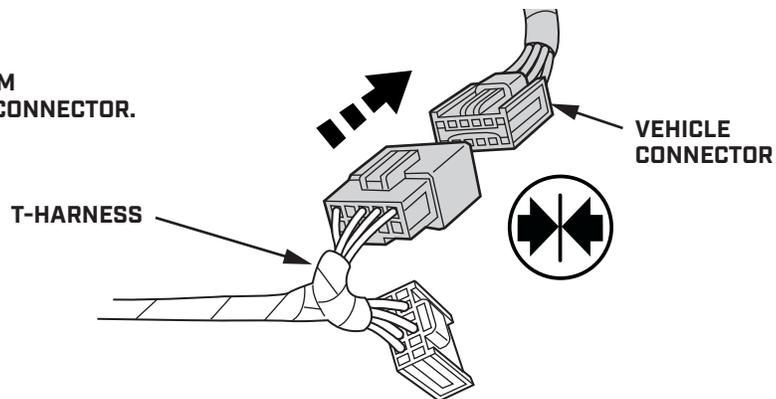


PULL THE CONNECTOR OUT FROM THE SOCKET.



STEP 34

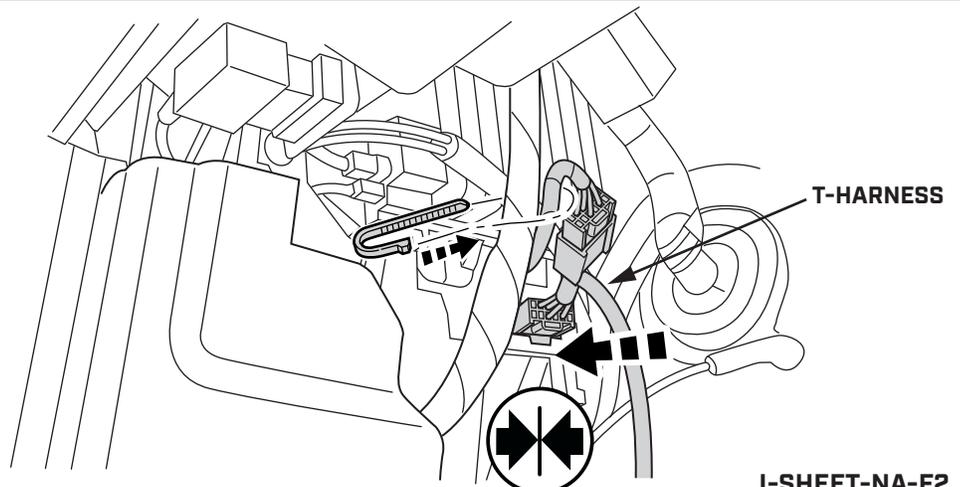
PLUG THE FEMALE CONNECTOR FROM THE T-HARNESS INTO THE VEHICLE CONNECTOR.



STEP 35

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

SECURE WITH A CABLE TIE AS SHOWN.

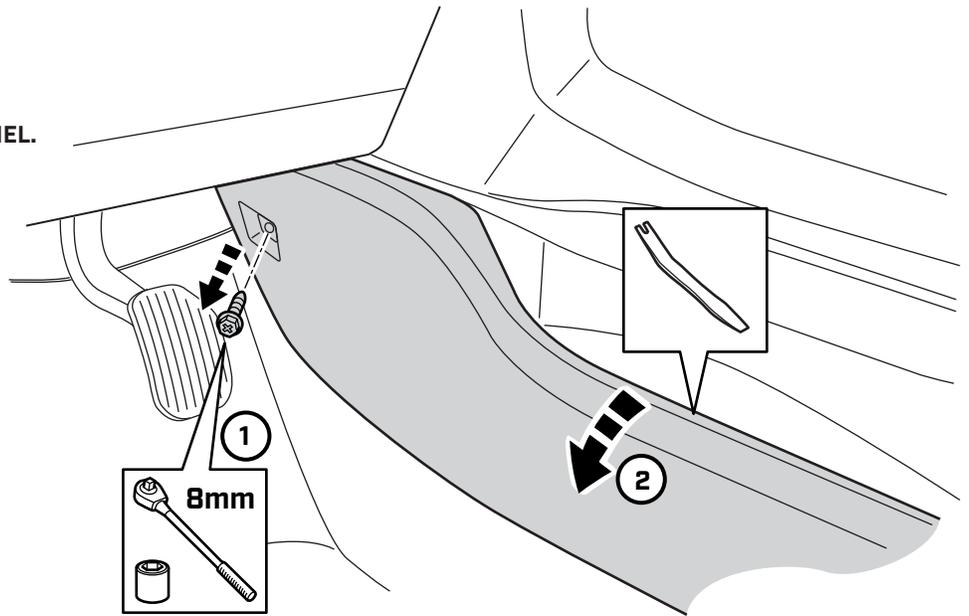


I-SHEET-NA-F2

STEP 36

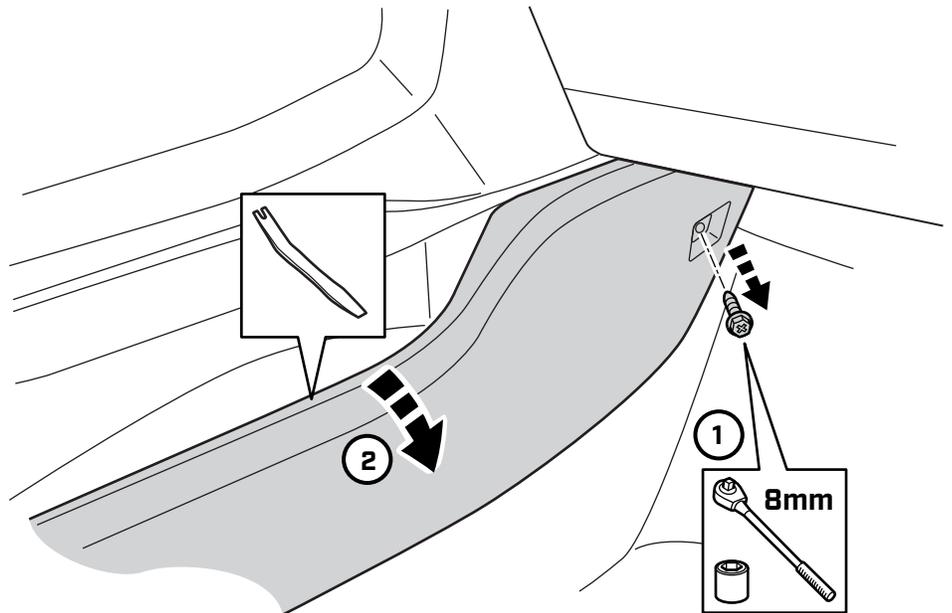
AT THE DRIVER SIDE CENTER CONSOLE, REMOVE THE FASTENER AT THE FRONT OF THE SIDE TRIM PANEL.

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



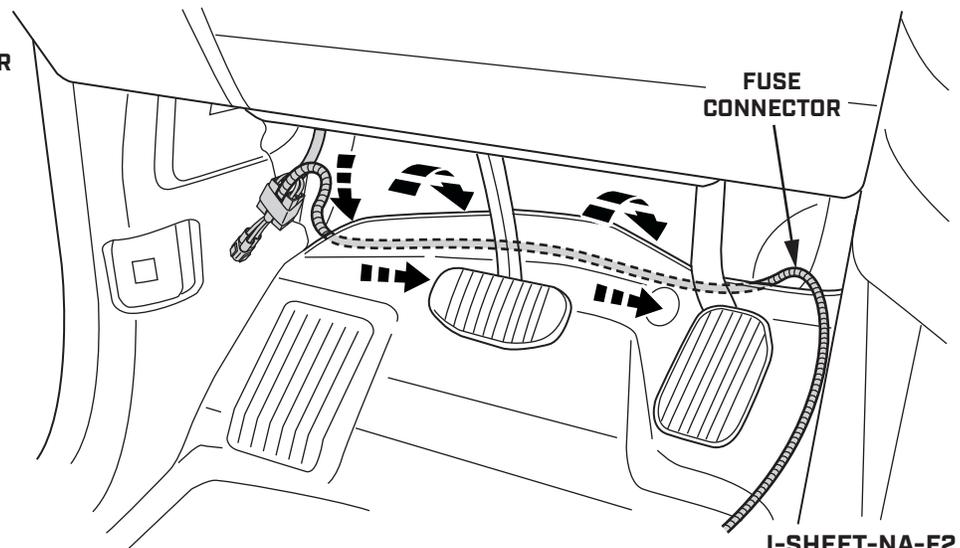
STEP 37

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



STEP 38

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

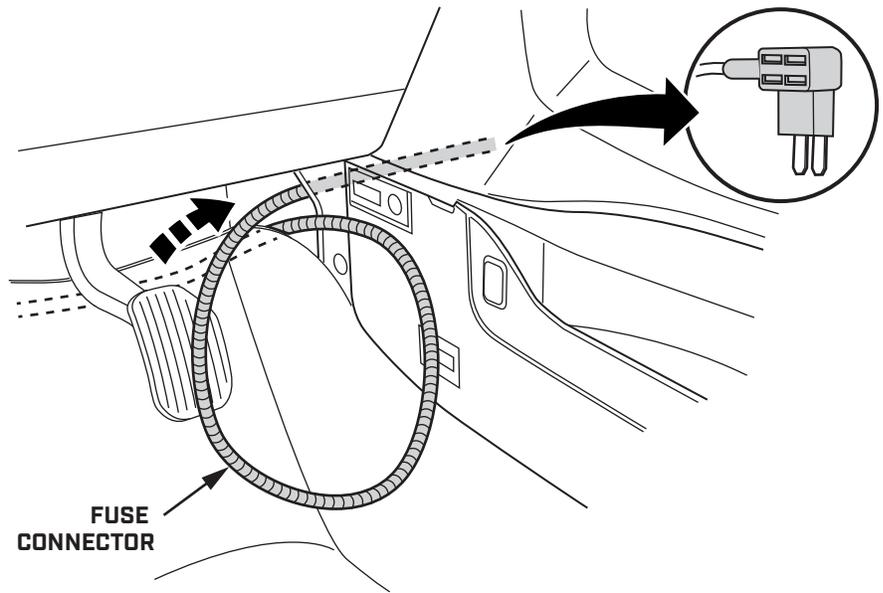
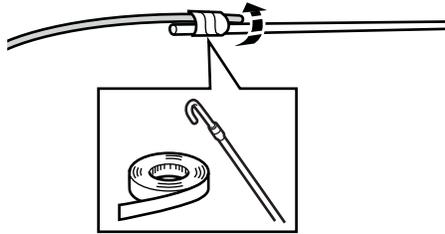


I-SHEET-NA-F2

STEP 39

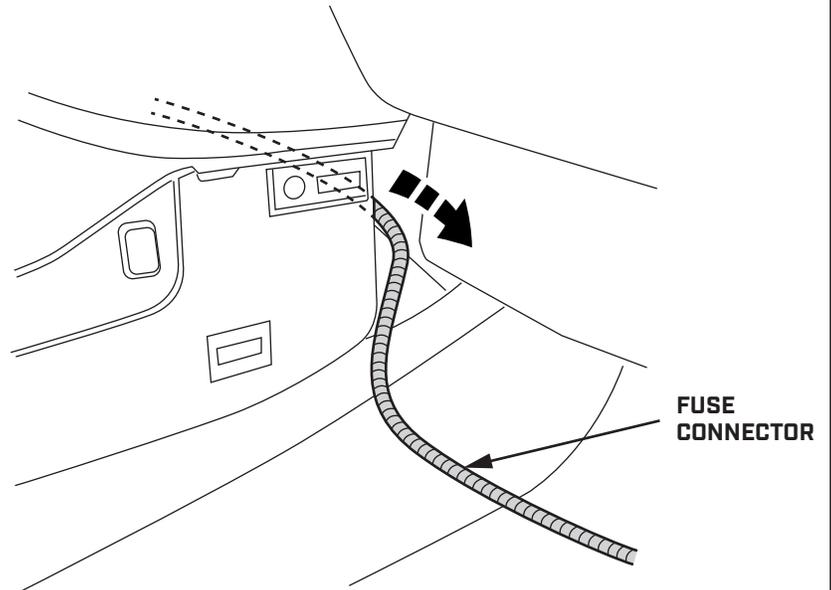
ROUTE THE FUSE CONNECTOR THROUGH THE CENTER CONSOLE TO THE PASSENGER SIDE.

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



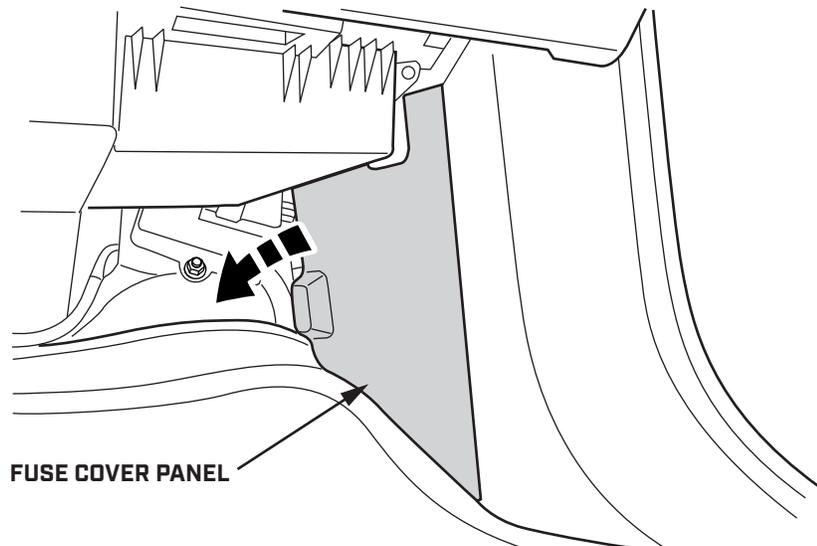
STEP 40

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



STEP 41

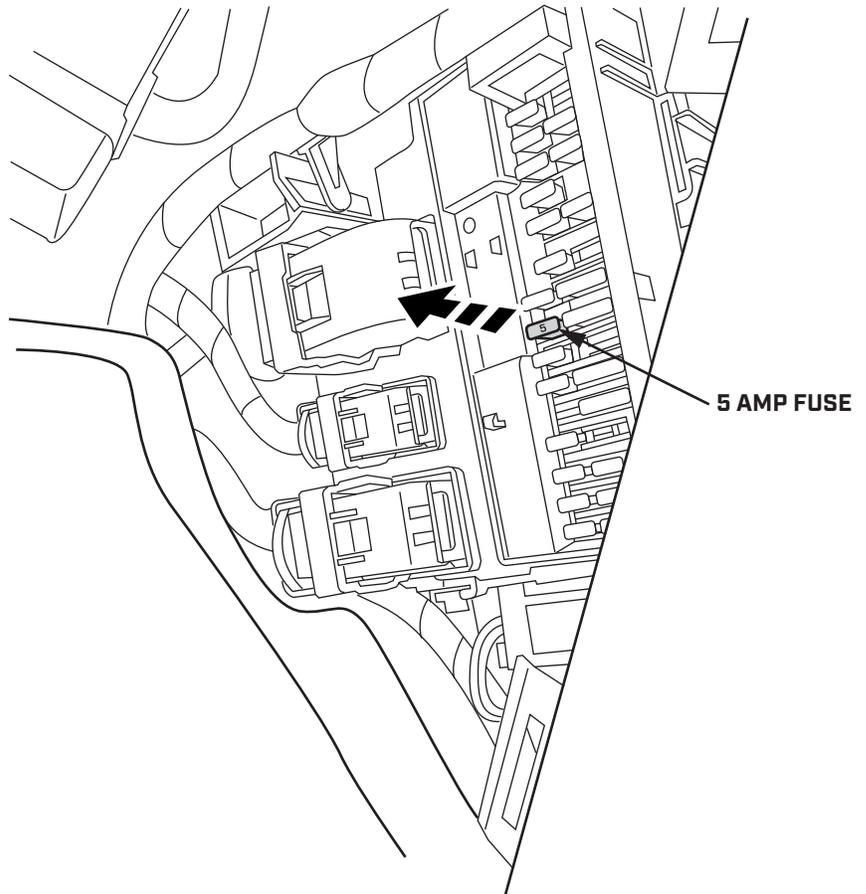
LOCATE THE FUSE COVER PANEL AT THE FRONT OF THE PASSENGER SIDE FOOTWELL AND PRY IT OFF.



I-SHEET-NA-F2

STEP 42

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

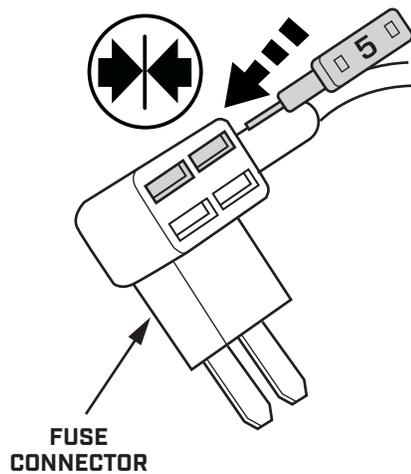


STEP 43

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

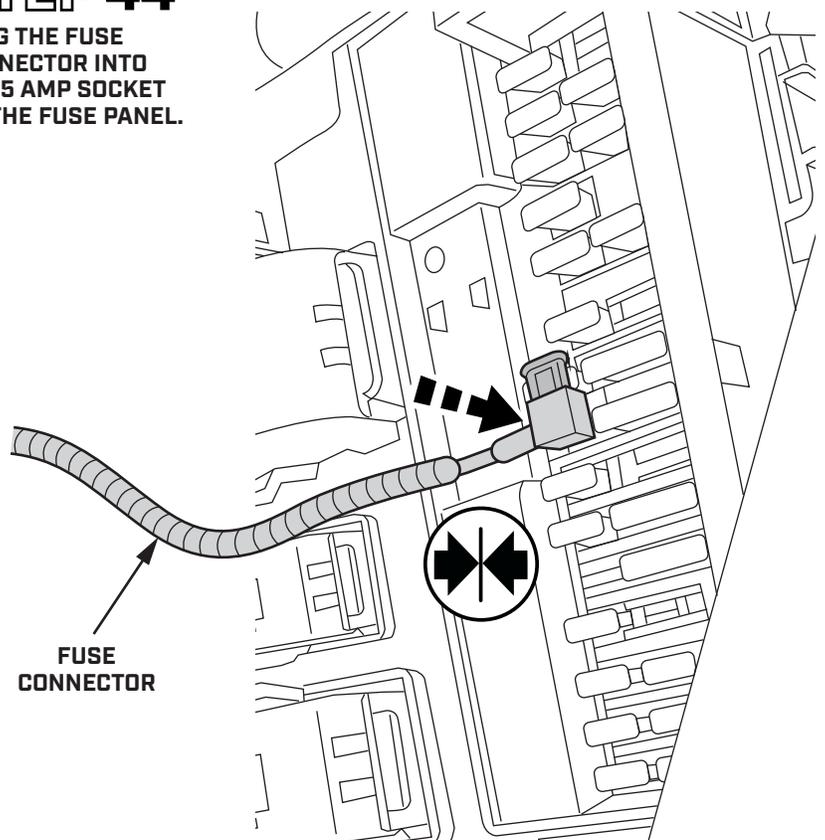


**PLUGGING THE FUSE INTO THE
INCORRECT SLOT WILL RESULT
IN THIRD BRAKE LIGHT FAILURE**



STEP 44

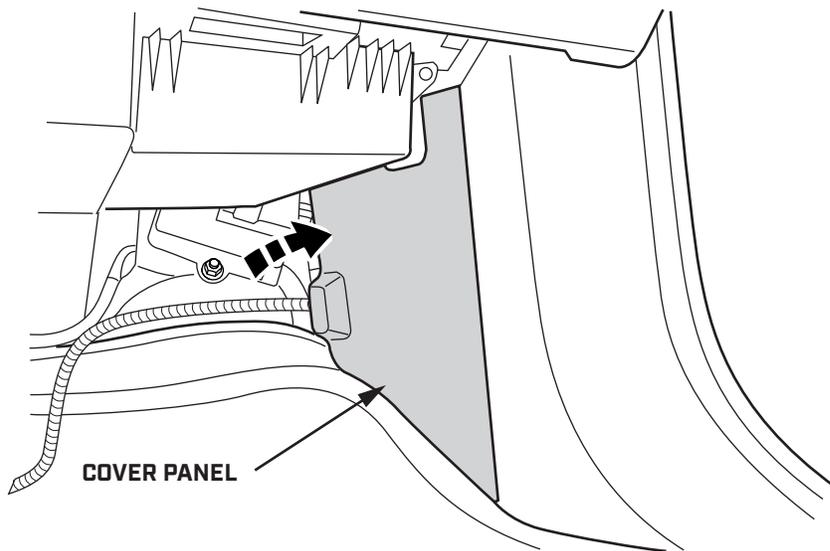
PLUG THE FUSE
CONNECTOR INTO
THE 5 AMP SOCKET
ON THE FUSE PANEL.



I-SHEET-NA-F2

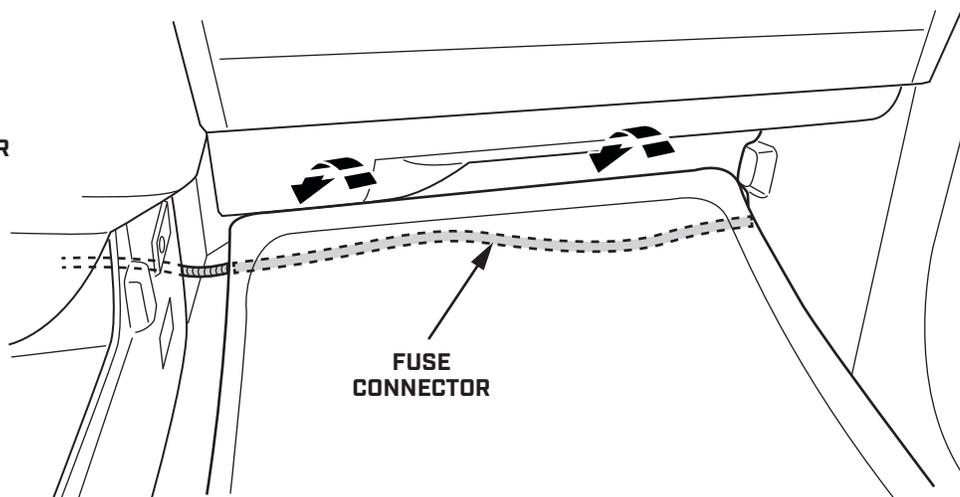
STEP 45

REINSTALL THE FUSE COVER PANEL.



STEP 46

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

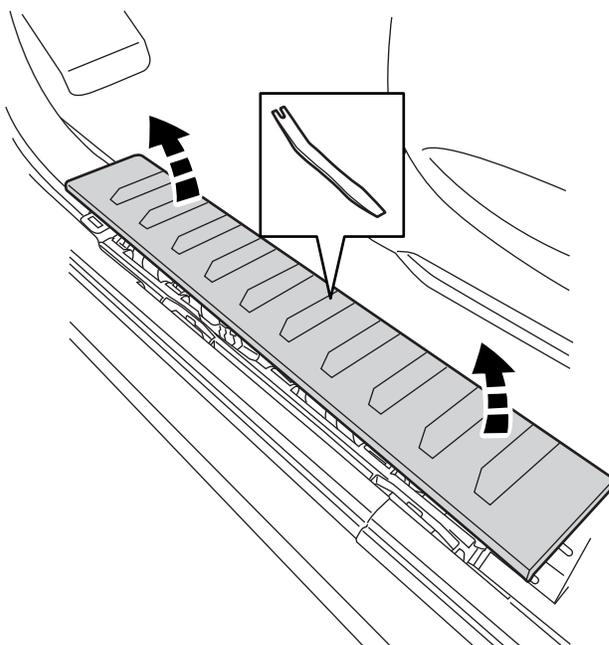


STEP 47

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

STEP 48

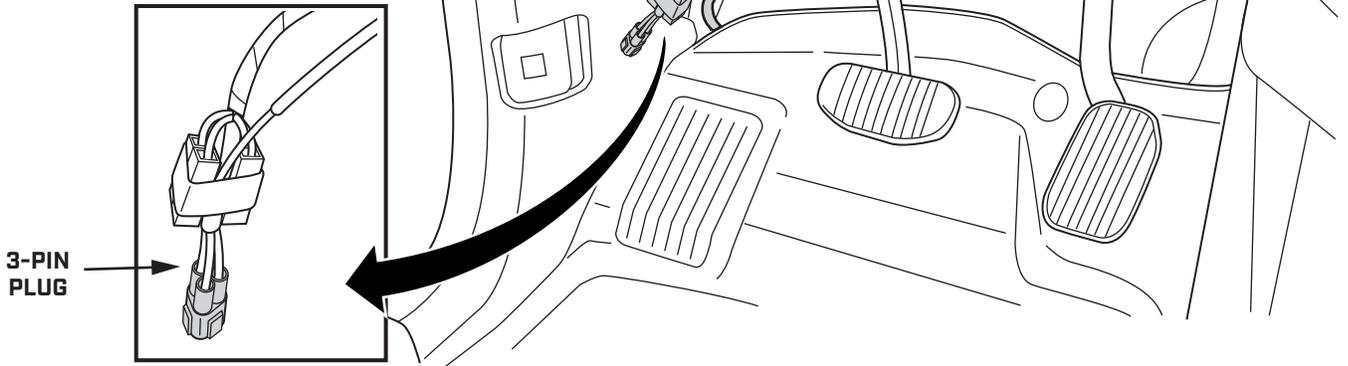
USING A PLASTIC PRY TOOL, CAREFULLY PRY OFF THE DOOR SILL TRIM PLATE ON THE DRIVER SIDE



I-SHEET-NA-F2

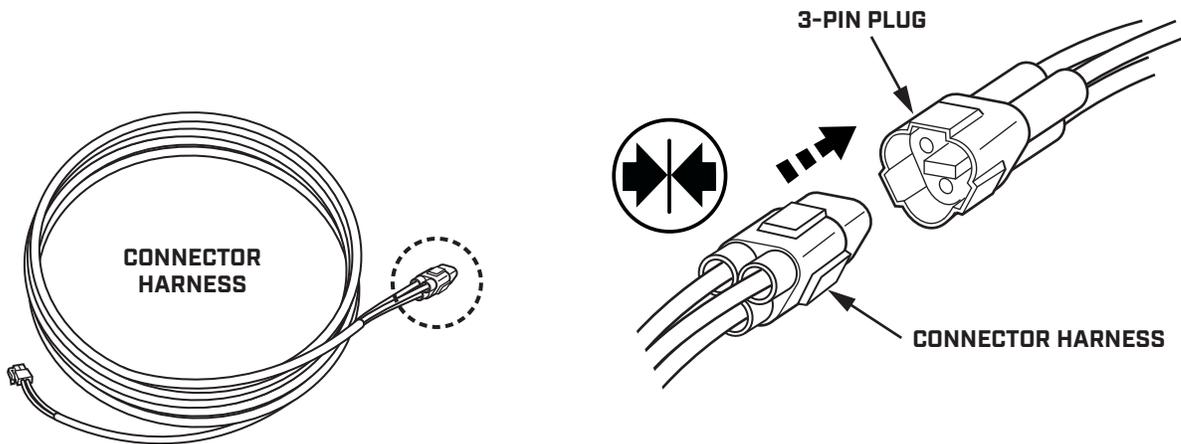
STEP 49

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



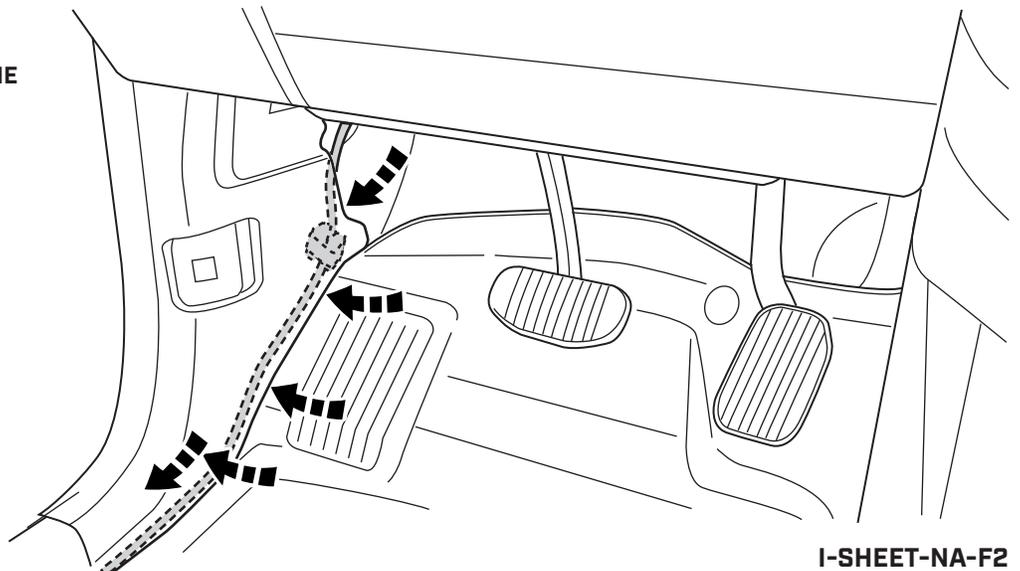
STEP 50

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



STEP 51

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



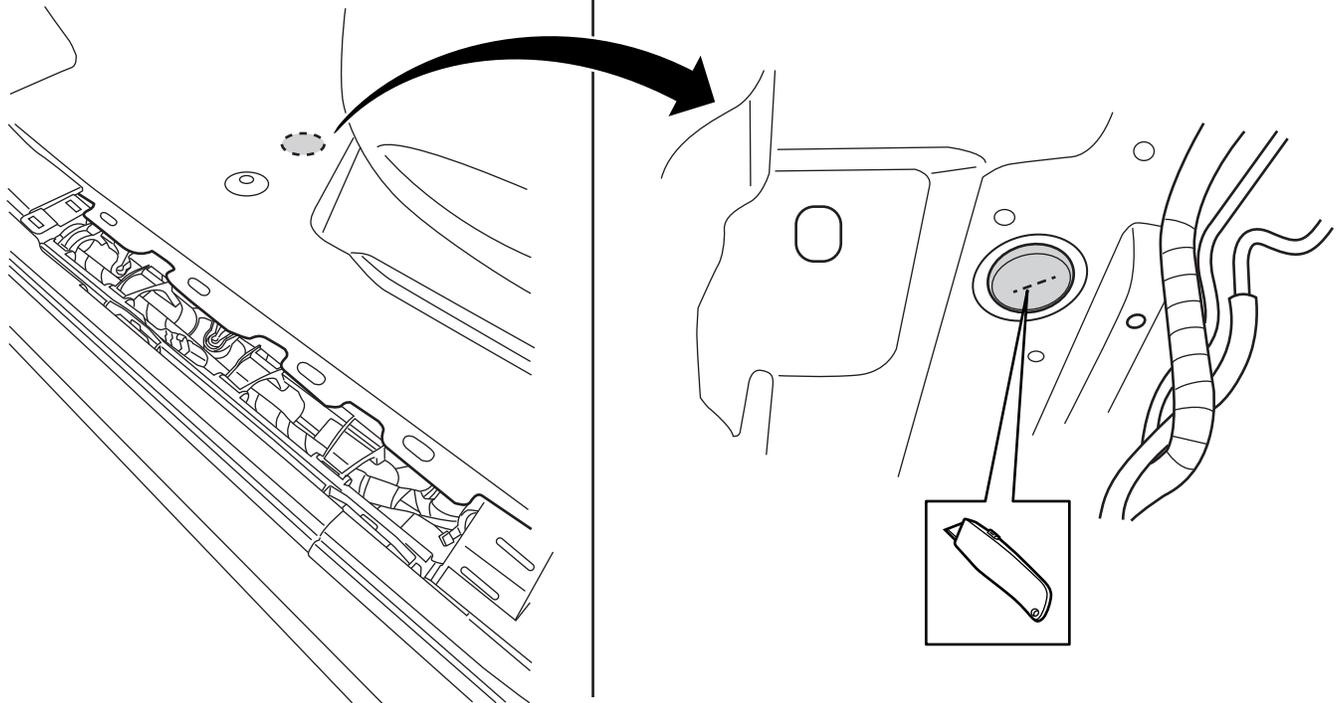
I-SHEET-NA-F2

STEP 52

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

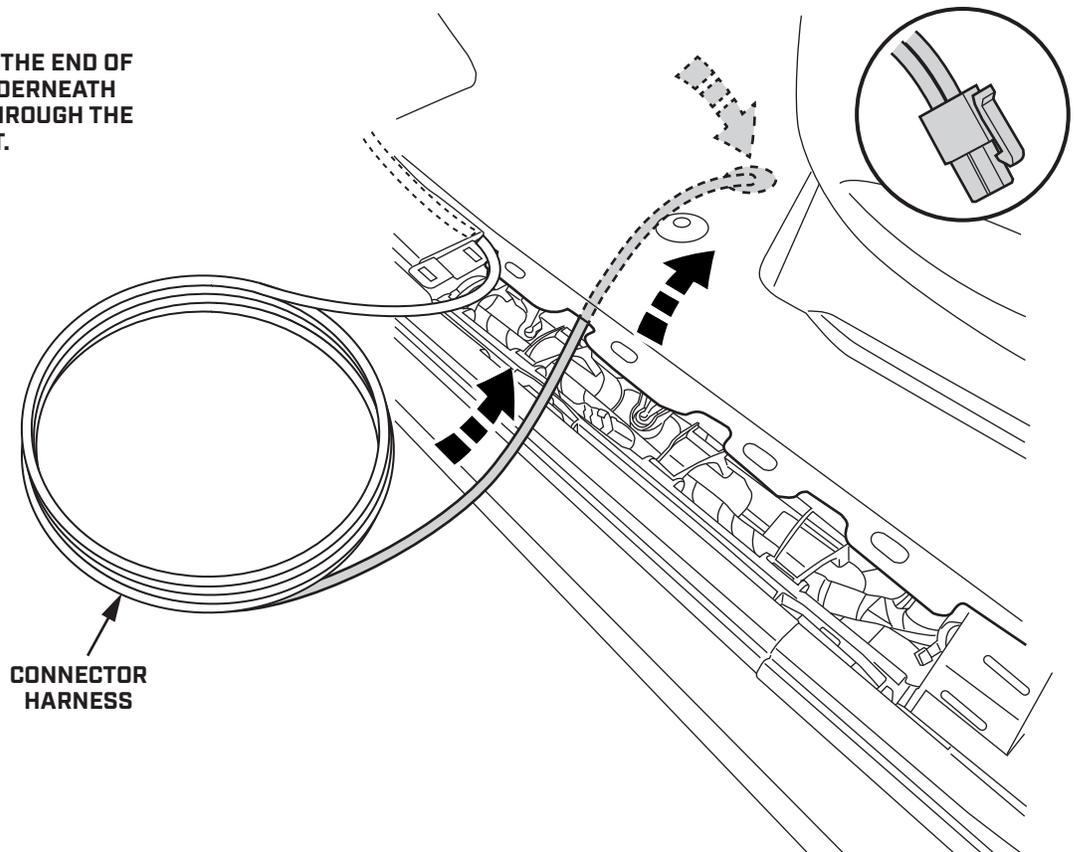
LOCATE THIS GROMMET FROM UNDERNEATH THE VEHICLE.

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



STEP 53

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

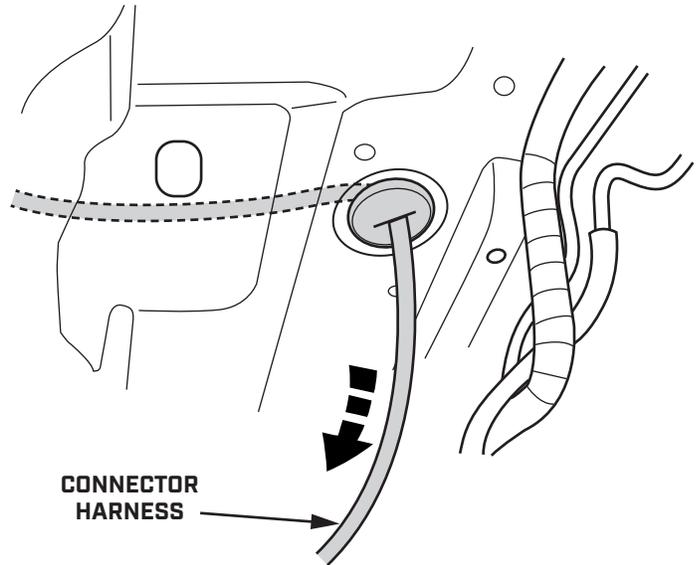


I-SHEET-NA-F2

STEP 54

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

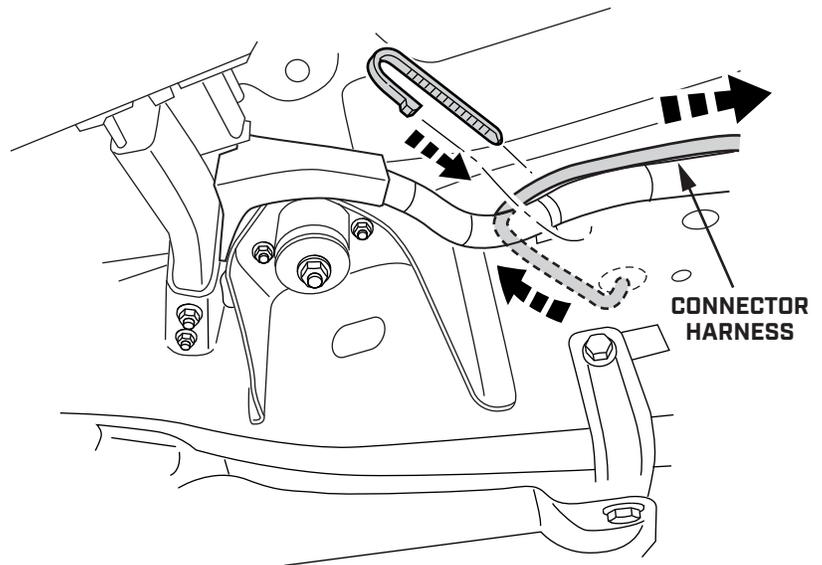
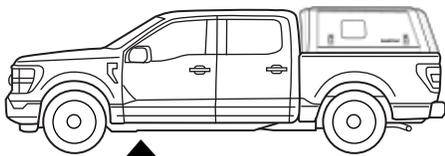
IT IS RECOMMENDED THAT A SEALING COMPOUND BE APPLIED TO THE OPENING FOR WEATHER AND DIRT PROTECTION.



STEP 55

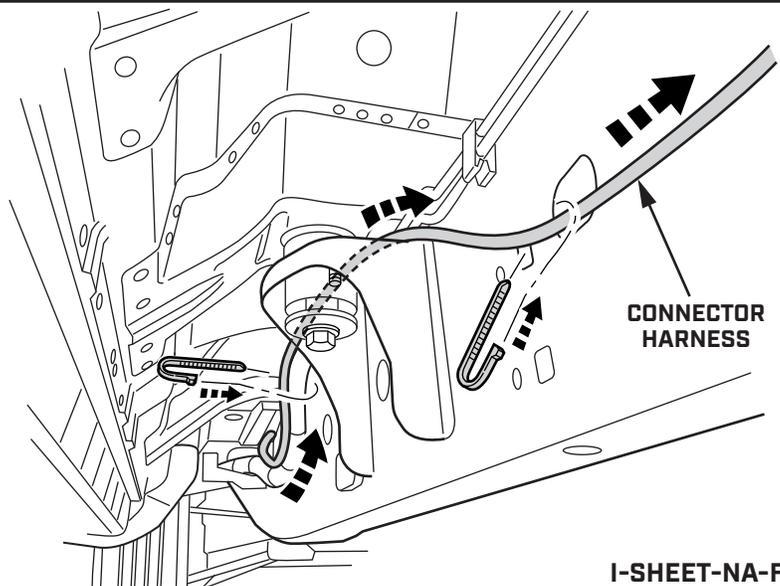
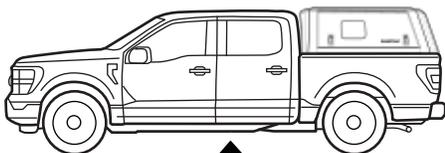
FROM UNDERNEATH THE VEHICLE, BEGIN ROUTING THE CONNECTOR HARNESS OVER THE TOP OF THE DRIVER SIDE FRAME RAIL.

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



STEP 56

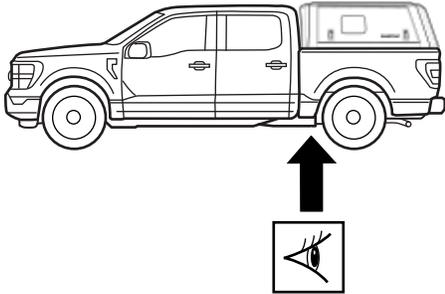
CONTINUE ROUTING THE CONNECTOR HARNESS TOWARDS THE REAR OF THE VEHICLE, SECURING TO THE VEHICLE WITH CABLE TIES AT APPROX. 6 INCH INTERVALS WHENEVER POSSIBLE.



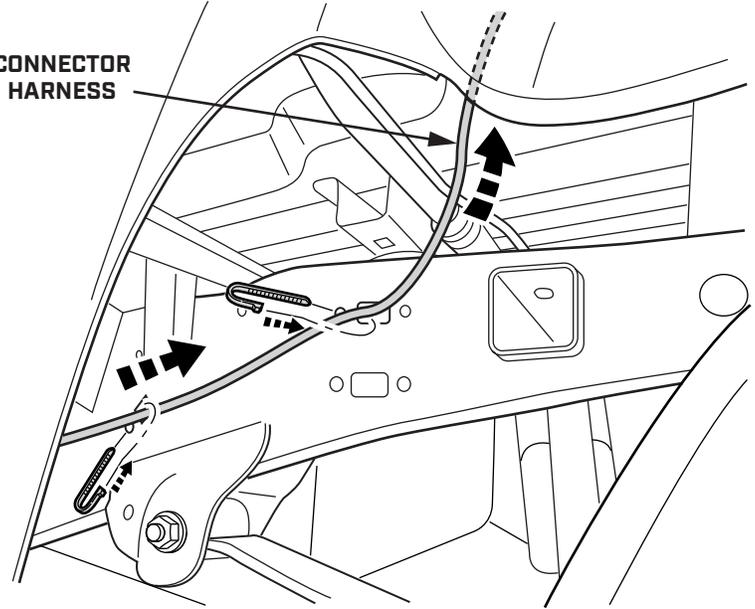
I-SHEET-NA-F2

STEP 57

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

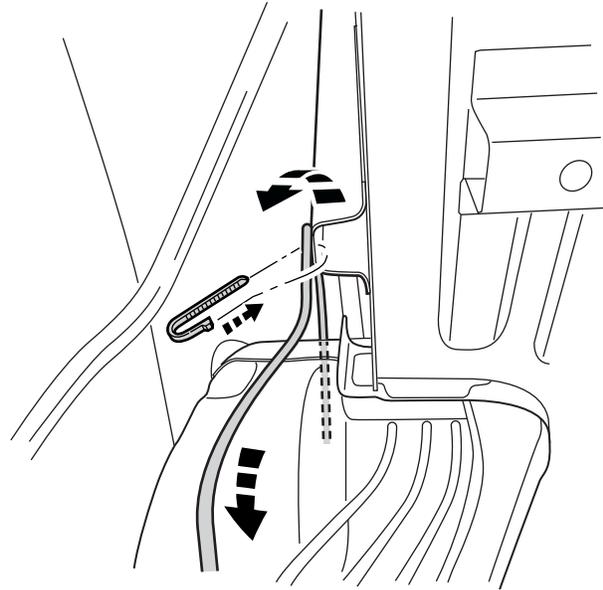
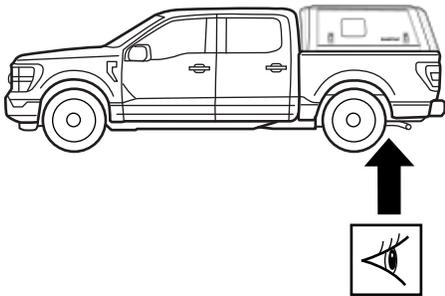


CONNECTOR HARNESS



STEP 58

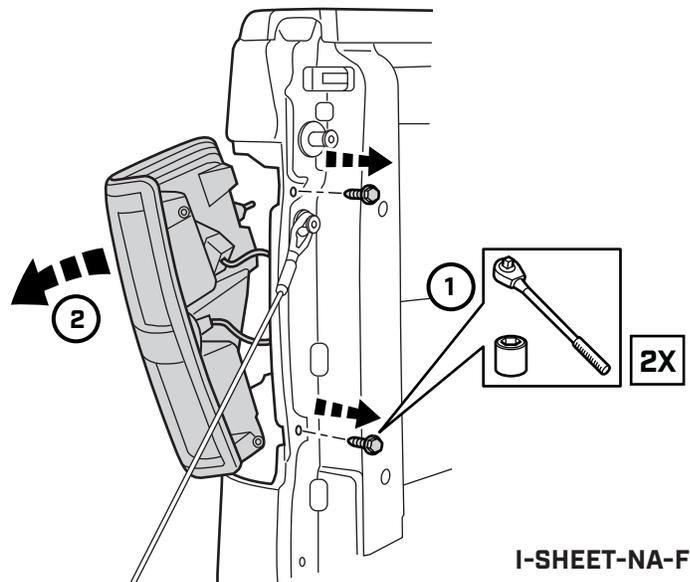
ROUTE THE CONNECTOR HARNESS DOWN OVER THE BACK OF THE REAR WHEEL WELL AND SECURE WITH CABLE TIE AS SHOWN.



STEP 59

REMOVE THE BOLTS HOLDING THE DRIVER SIDE TAILLIGHT ASSEMBLY.

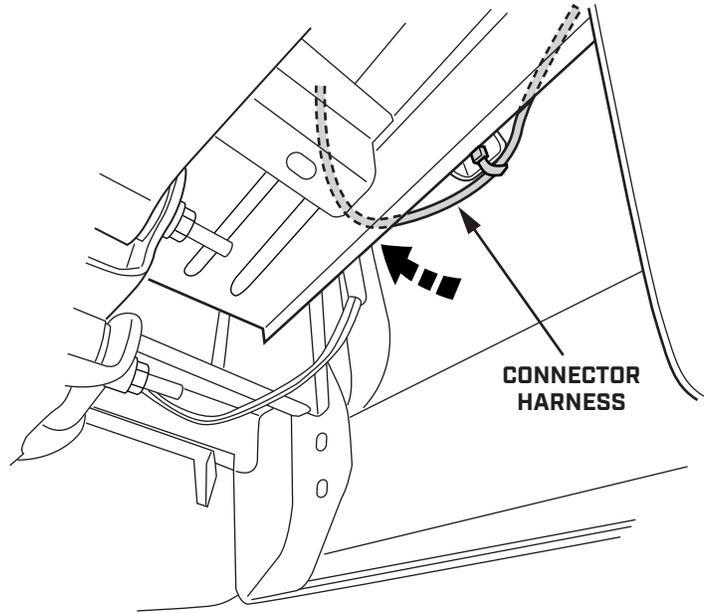
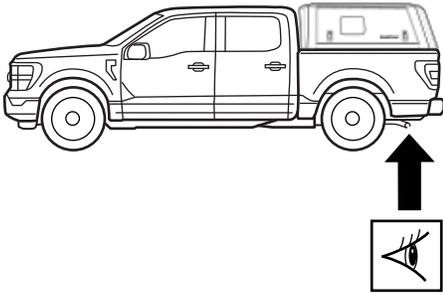
PLACE THE TAILLIGHT CAREFULLY ON THE TAILGATE. DO NOT UNPLUG ANY CONNECTORS.



I-SHEET-NA-F2

STEP 60

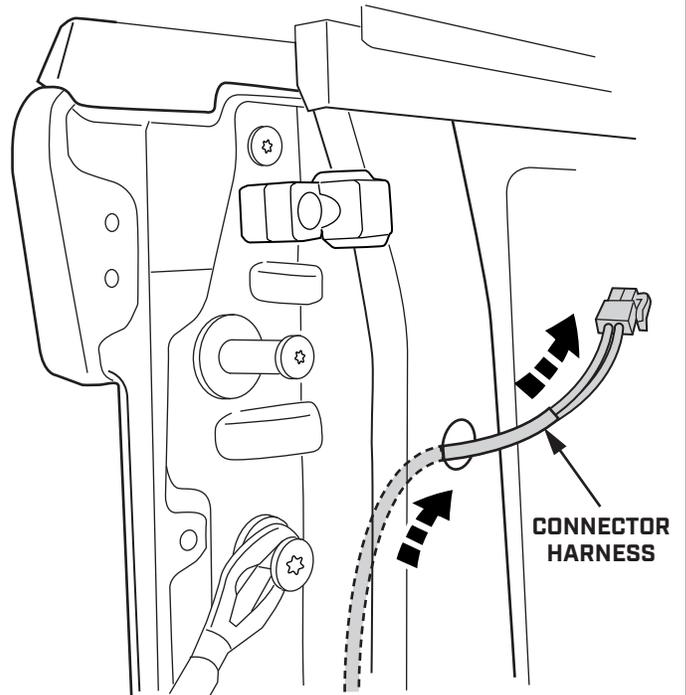
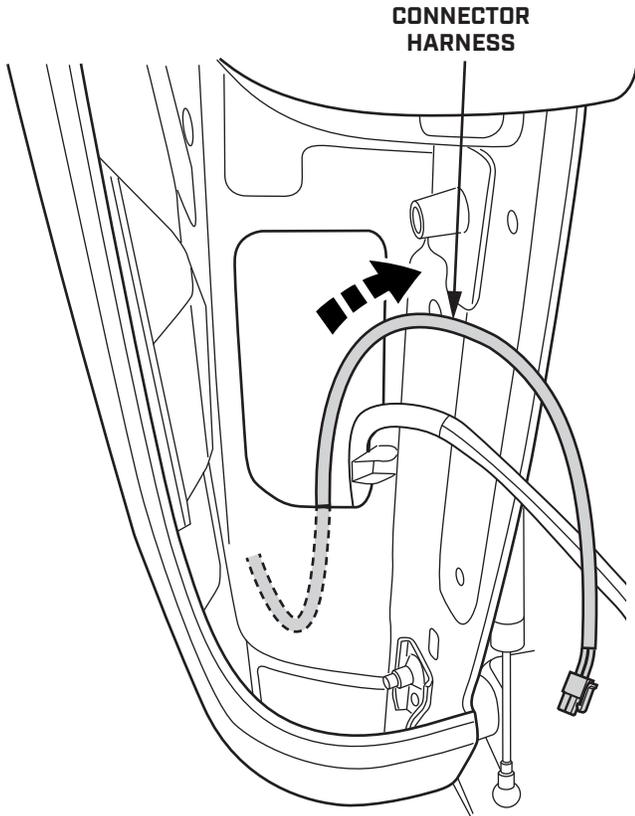
ROUTE THE CONNECTOR HARNESS UP TOWARDS THE TAILLIGHT CAVITY.



STEP 61

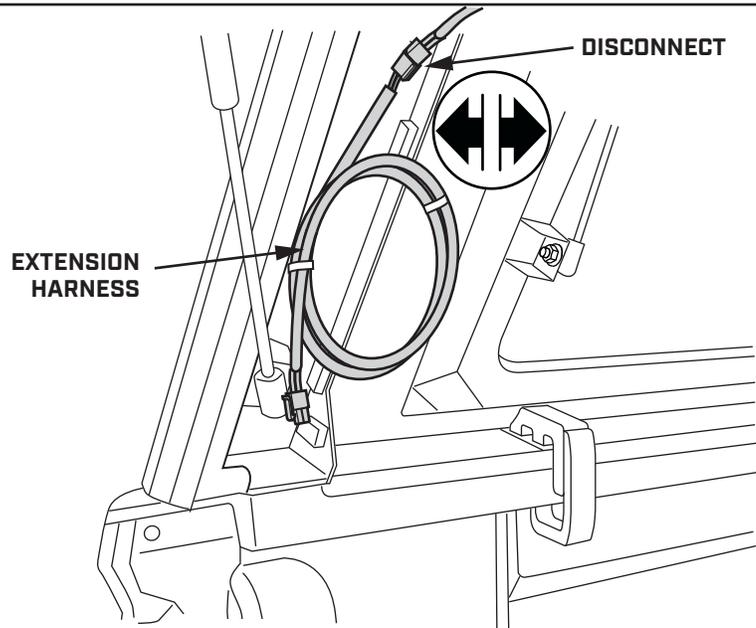
CAREFULLY PULL THE CONNECTOR HARNESS OUT THROUGH THE TAILLIGHT CAVITY.

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



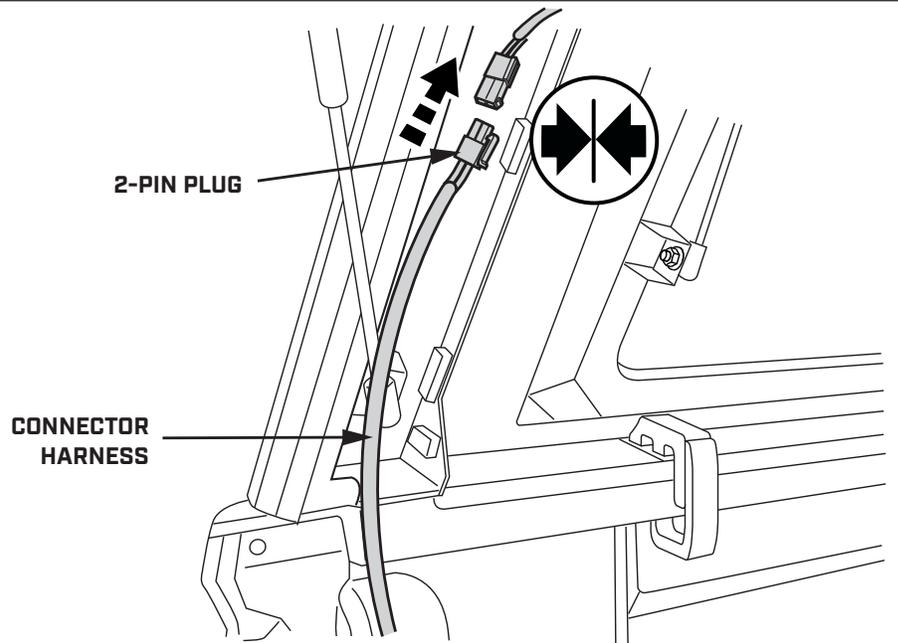
STEP 62

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



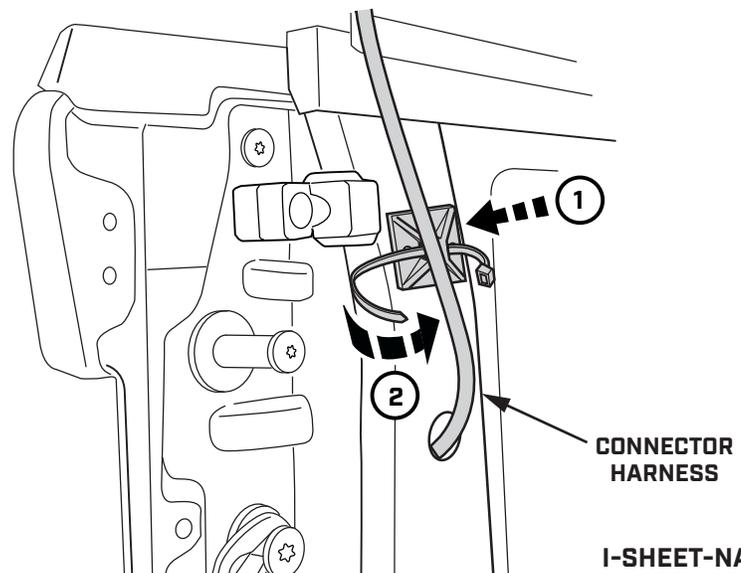
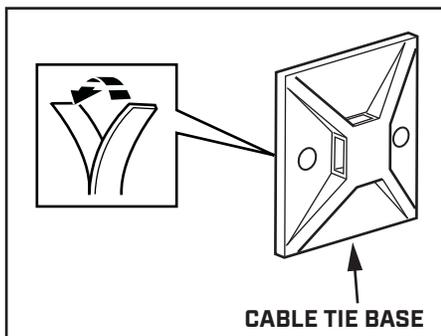
STEP 63

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



STEP 64

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

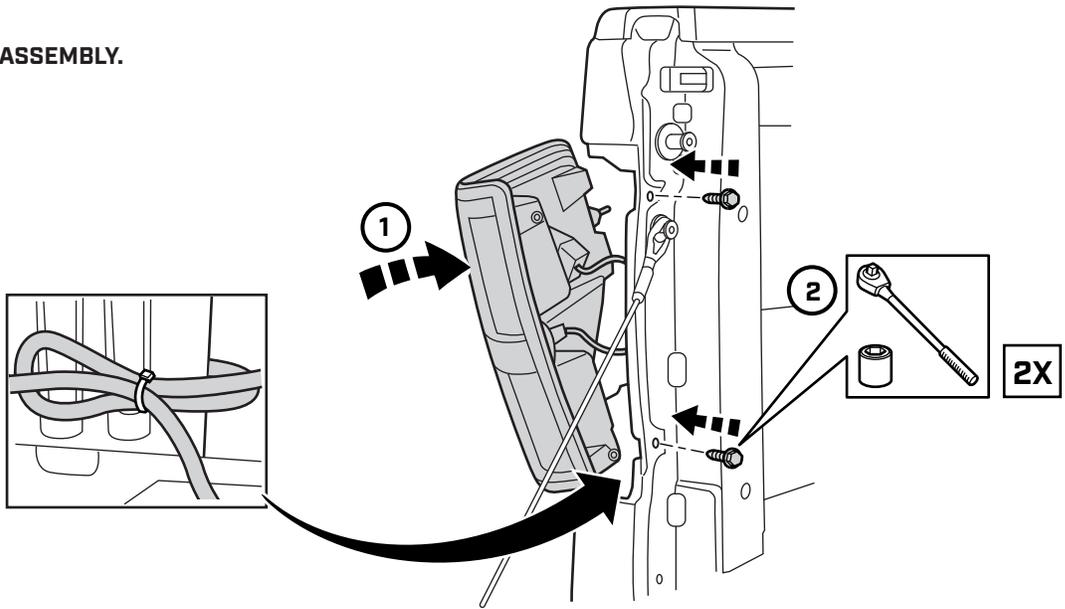


I-SHEET-NA-F2

STEP 65

REINSTALL THE TAILLIGHT ASSEMBLY.

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



STEP 66



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.

SMARTCAP[®]

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

SMARTCAP.COM

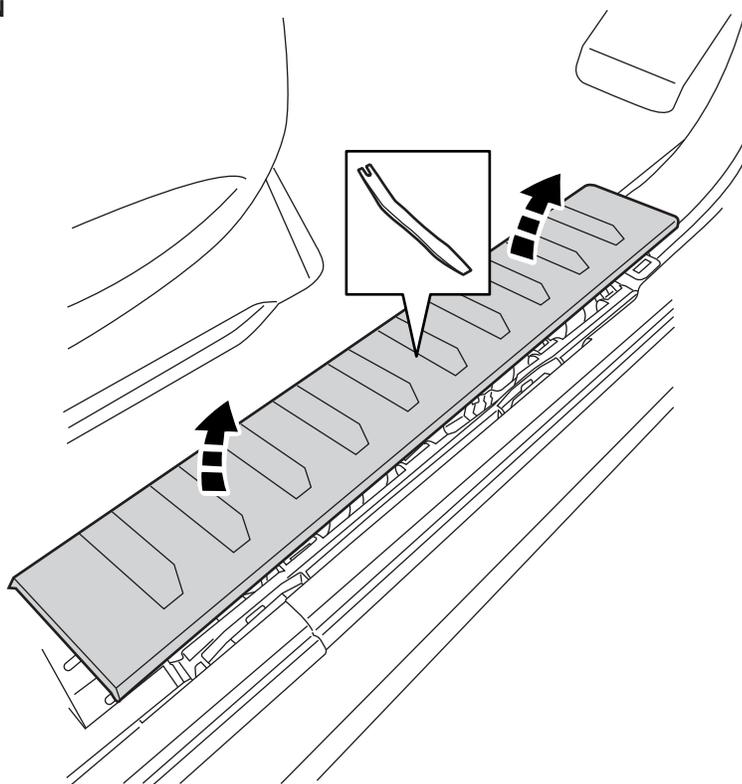
SUPPORT.NA@SMARTCAP.COM - NORTH AMERICA
SUPPORT.SA@SMARTCAP.COM - REST OF WORLD



I-SHEET-NA-F2

STEP 67

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

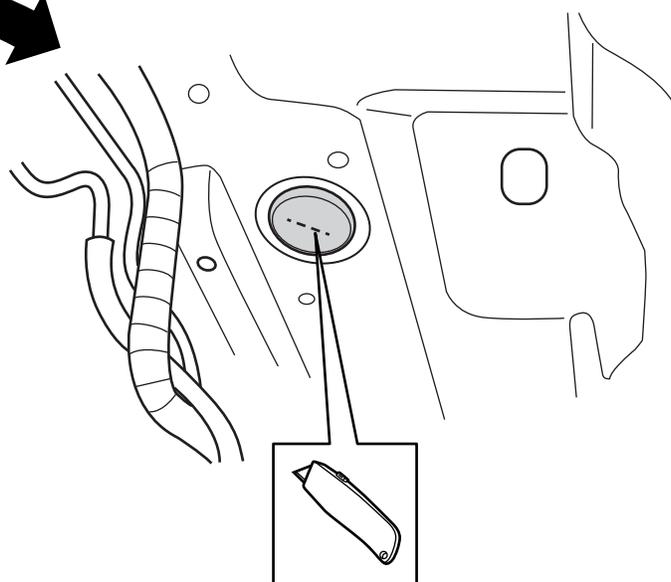
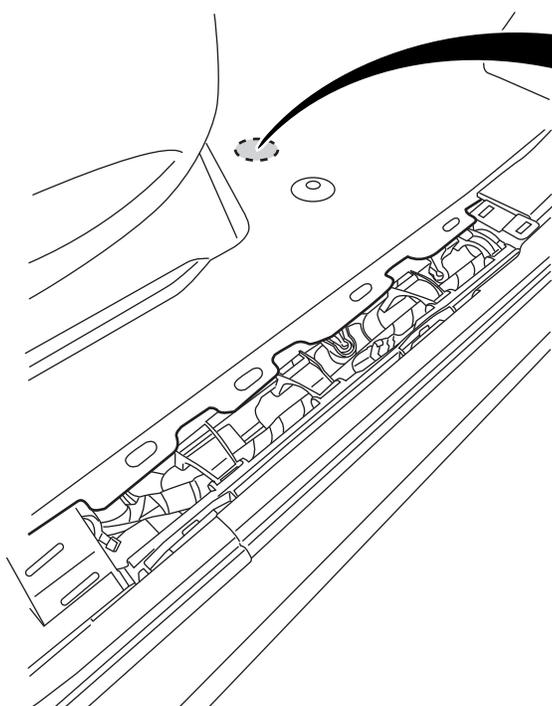


STEP 68

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.



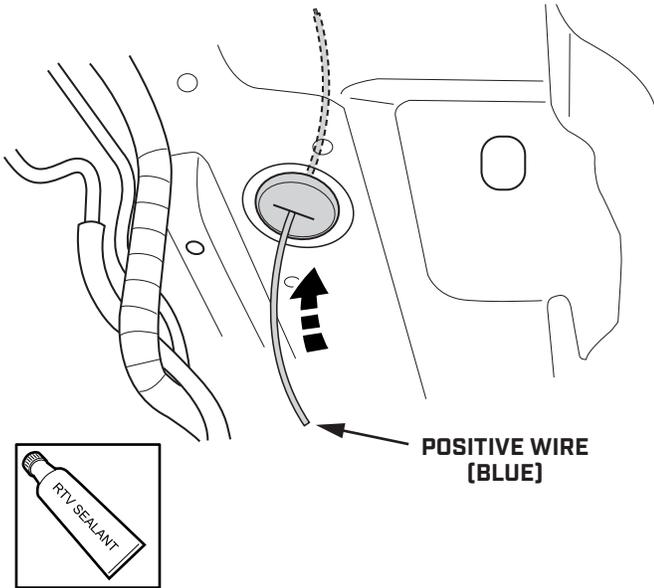
I-SHEET-NA-F2

STEP 69

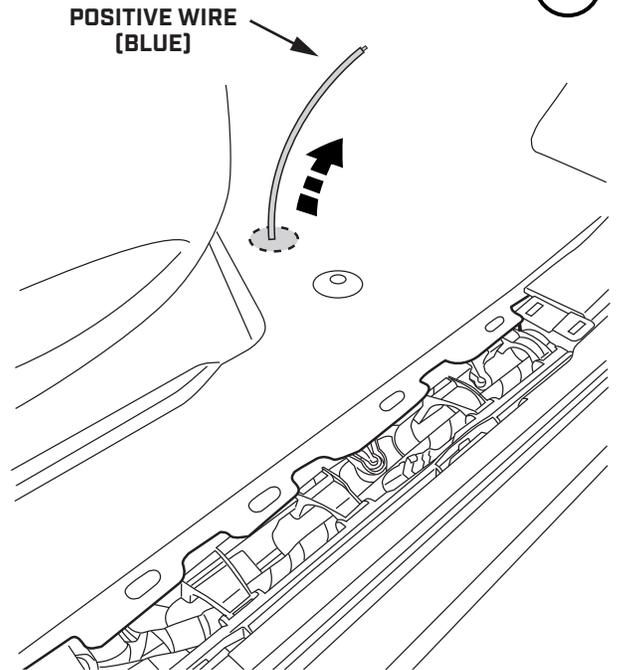
LOCATE THE POSITIVE WIRE (BLUE) OF THE CONNECTOR HARNESS AND ROUTE IT THROUGH THE GROMMET.

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

1



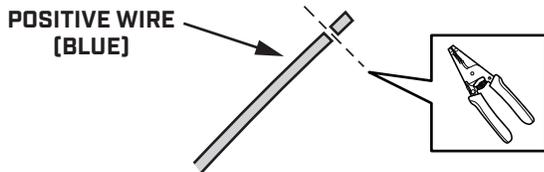
2



STEP 70

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

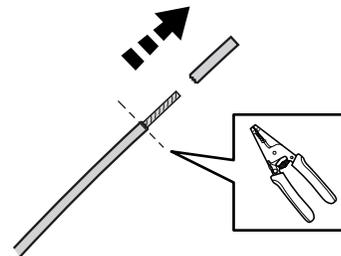
1



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

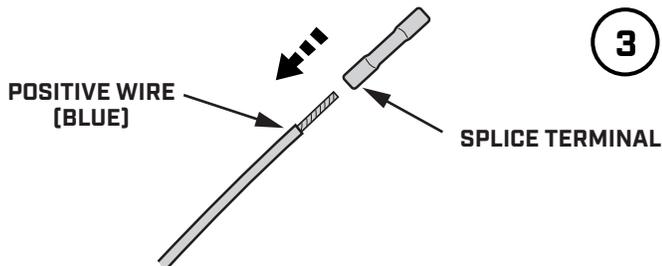


2



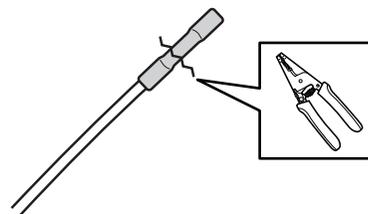
SLIDE THE SPLICE TERMINAL ONTO THE STRIPPED END OF THE POSITIVE WIRE.

3



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

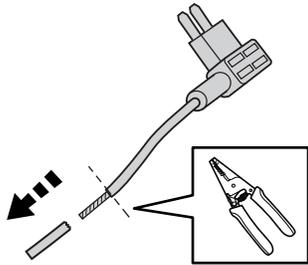
4



STEP 71

LOCATE THE SUPPLIED FUSE CONNECTOR.

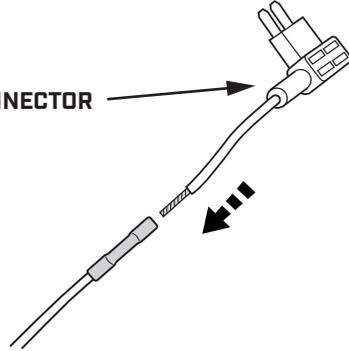
USE THE WIRE STRIPPERS TO REMOVE A HALF INCH OF PLASTIC INSULATION FROM THE END OF THE FUSE CONNECTOR.



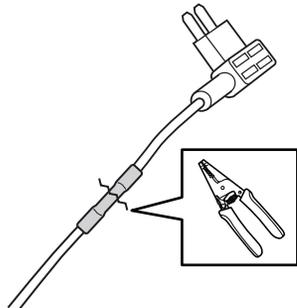
SLIDE THE STRIPPED END OF THE FUSE CONNECTOR WIRE INTO THE OTHER SIDE OF THE SPLICE TERMINAL.



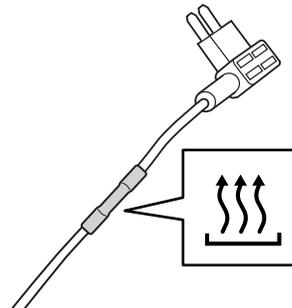
FUSE CONNECTOR



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

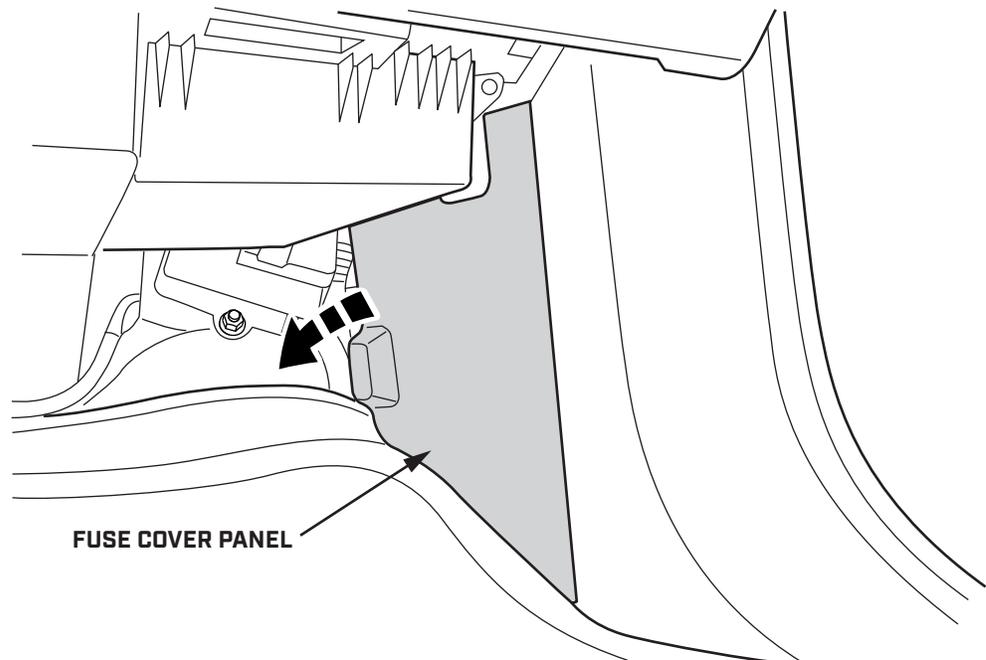


APPLY HEAT TO THE SPLICE TERMINAL TO SHRINK AND CONFORM TIGHTLY AROUND THE WIRES.



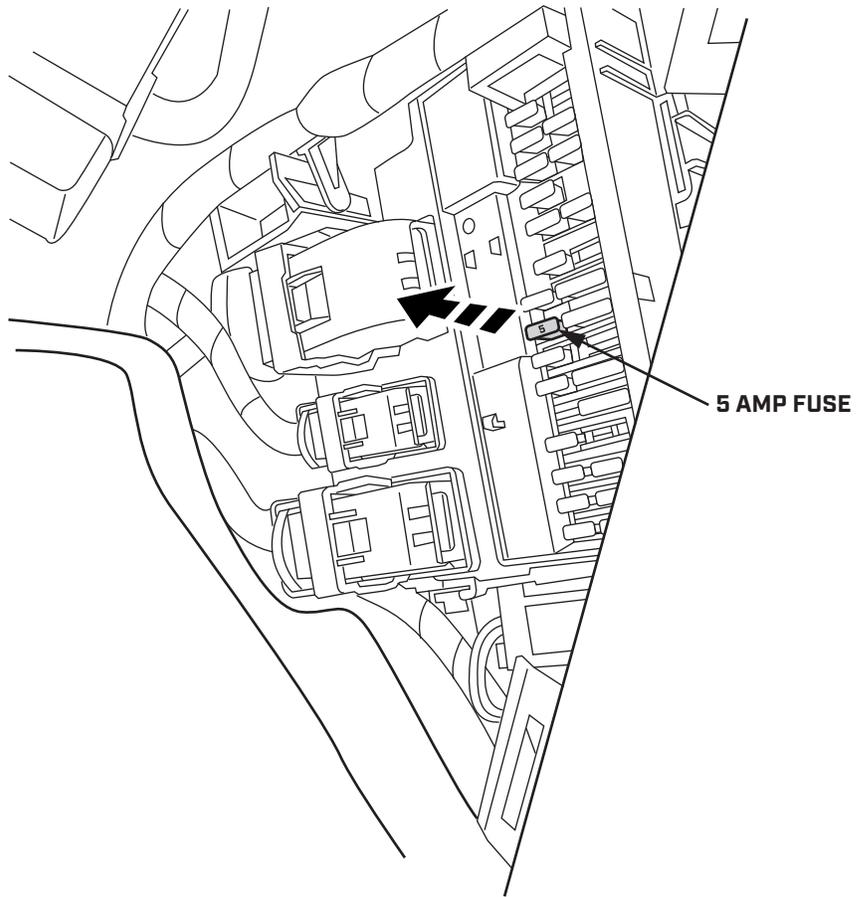
STEP 72

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



STEP 73

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

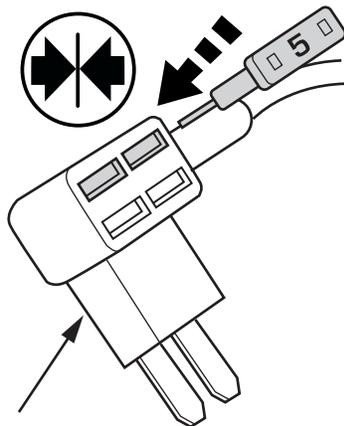


STEP 74

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



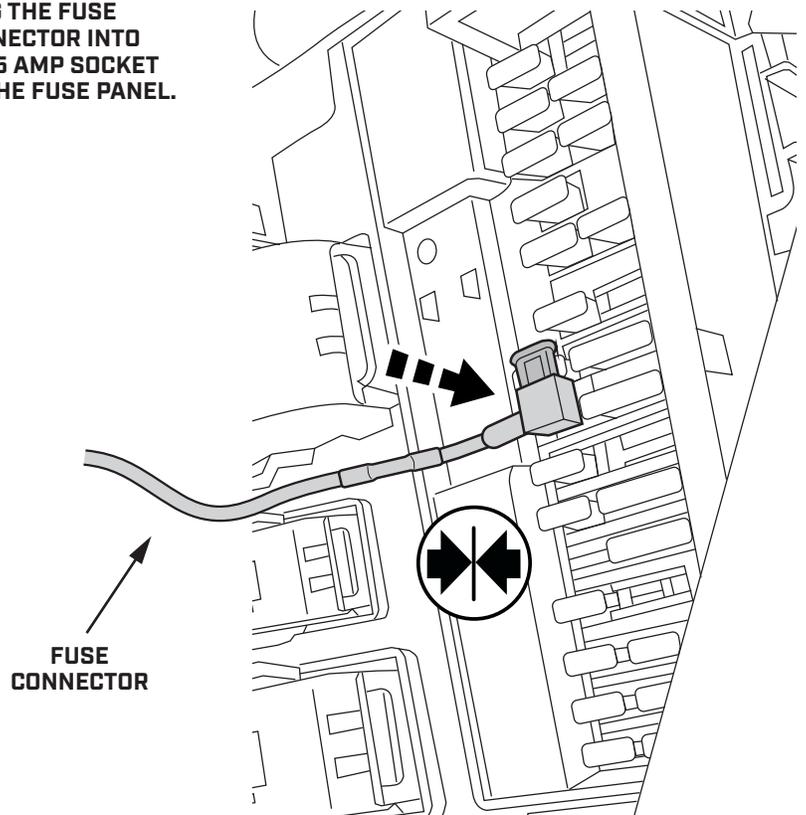
PLUGGING THE FUSE INTO THE INCORRECT SLOT WILL RESULT IN THIRD BRAKE LIGHT FAILURE



FUSE CONNECTOR

STEP 75

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

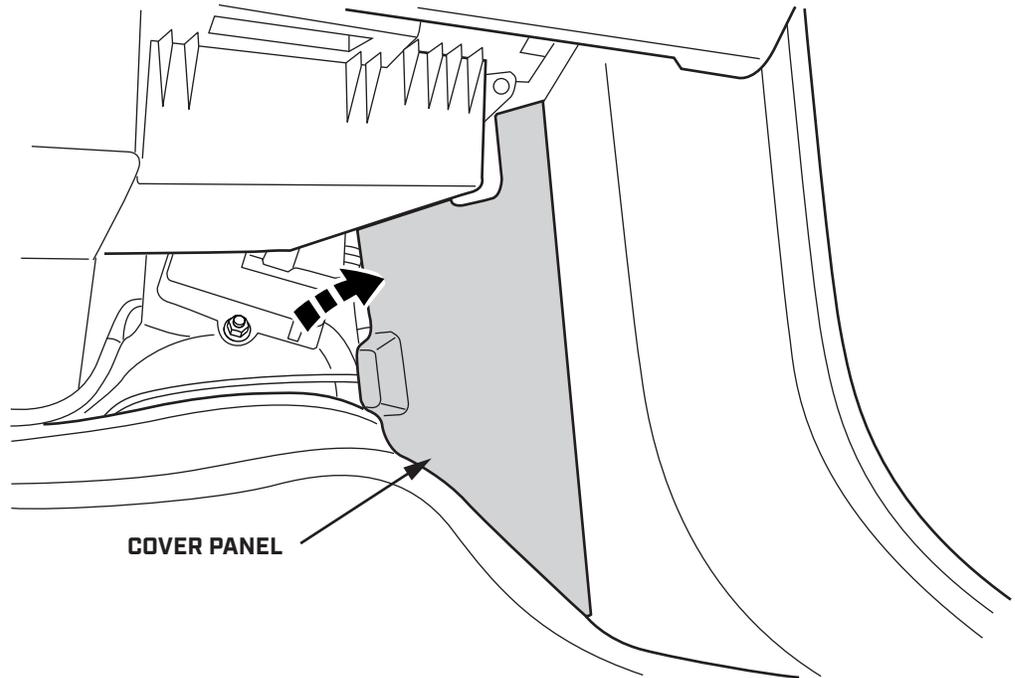


FUSE CONNECTOR

I-SHEET-NA-F2

STEP 76

REINSTALL THE FUSE COVER PANEL.

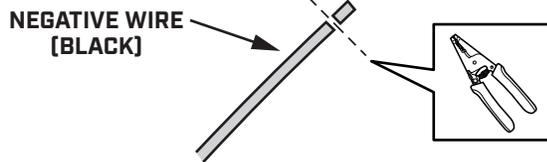


STEP 77

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

1

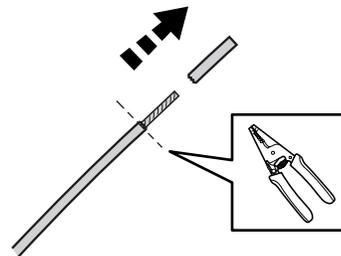
USE WIRE STRIPPERS TO TRIM OFF THE END OF THE NEGATIVE WIRE.



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

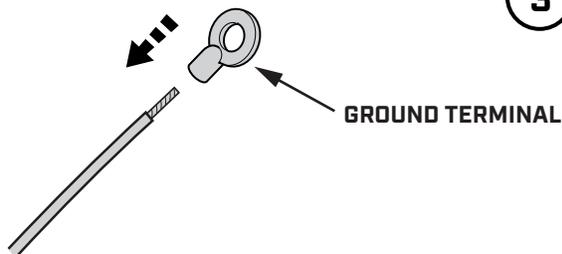
1X

2



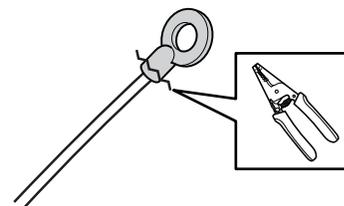
SLIDE THE GROUND TERMINAL ONTO THE STRIPPED END OF THE NEGATIVE WIRE.

3



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

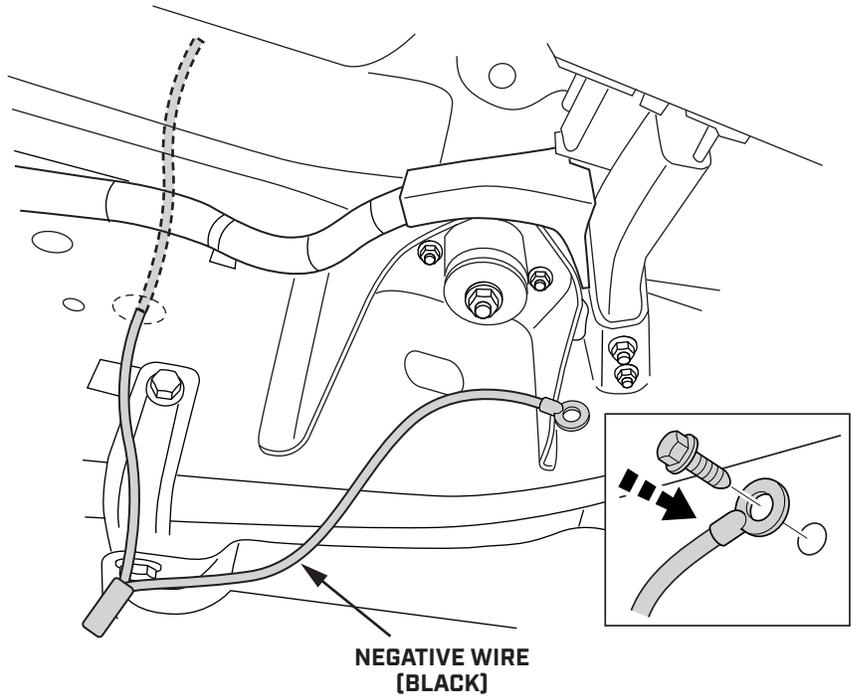
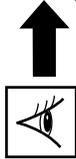
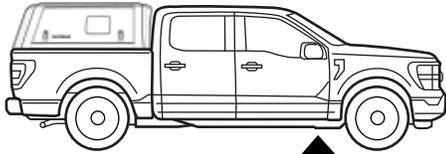
4



I-SHEET-NA-F2

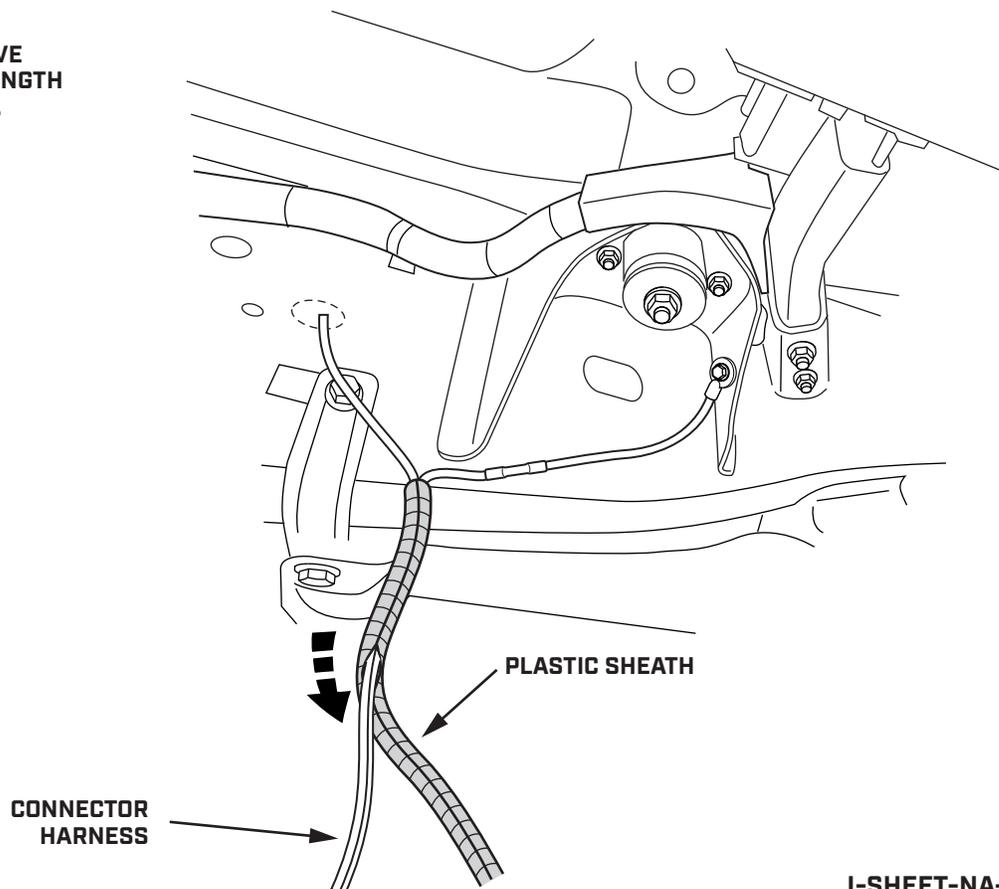
STEP 78

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



STEP 79

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

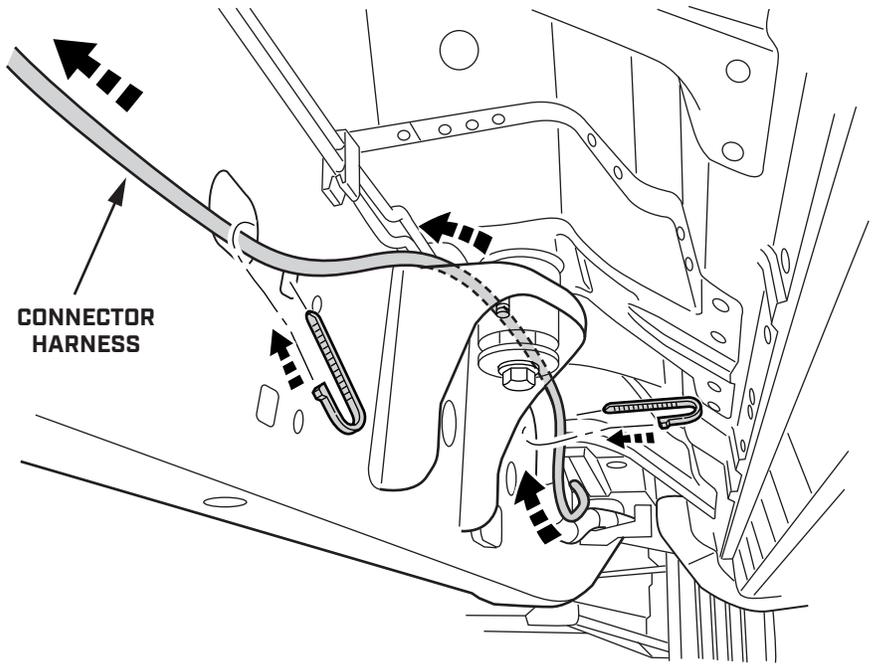
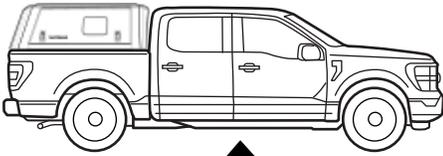


I-SHEET-NA-F2

STEP 80

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

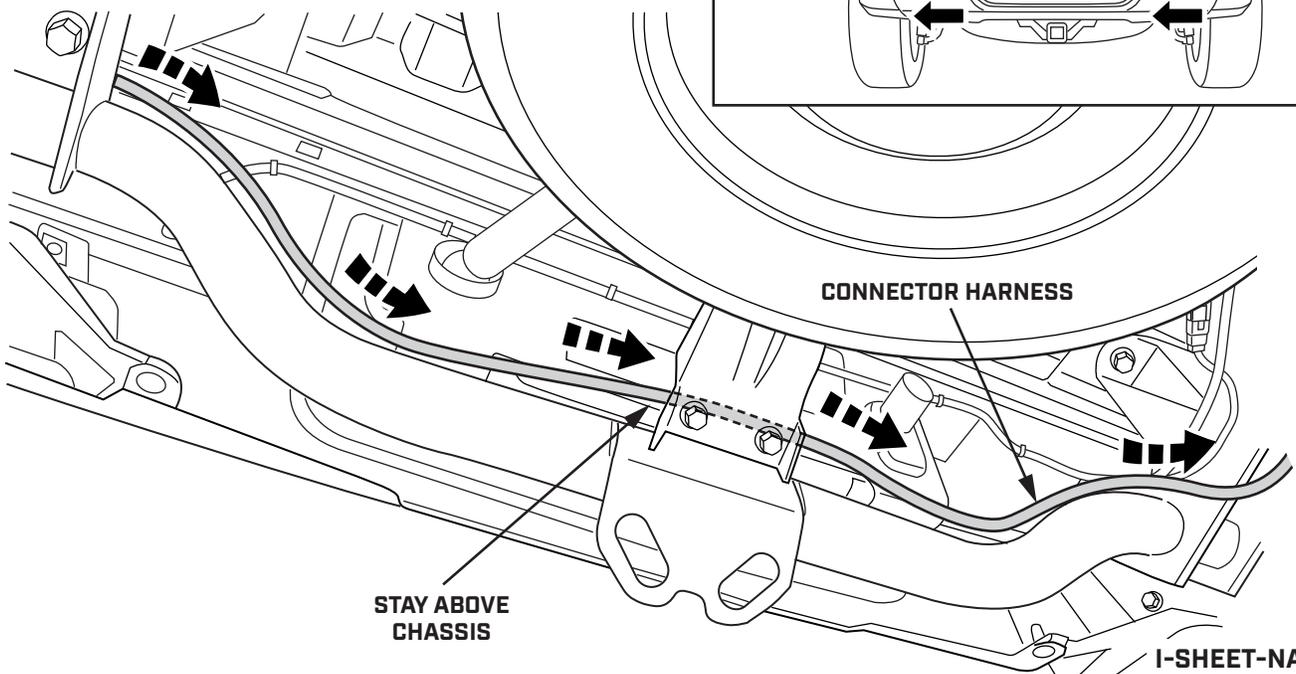
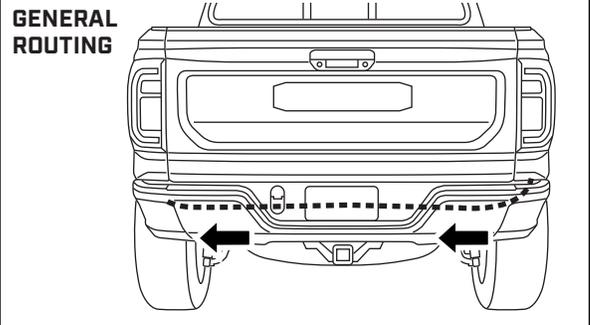
SECURING TO THE VEHICLE WITH CABLE TIES AT APPROX. 6 INCH INTERVALS WHENEVER POSSIBLE.



STEP 81

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.

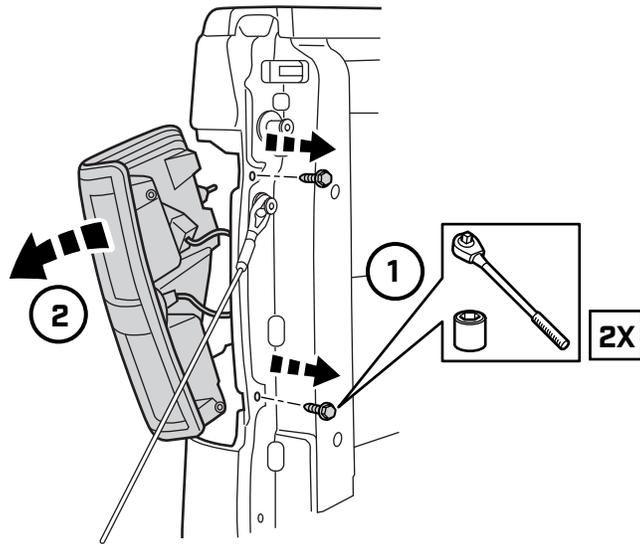


I-SHEET-NA-F2

STEP 82

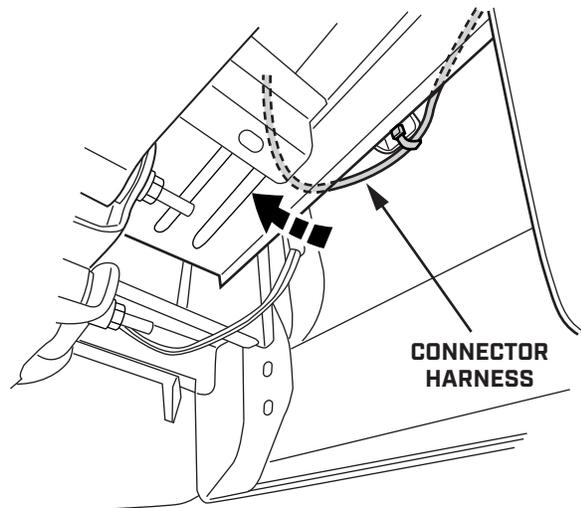
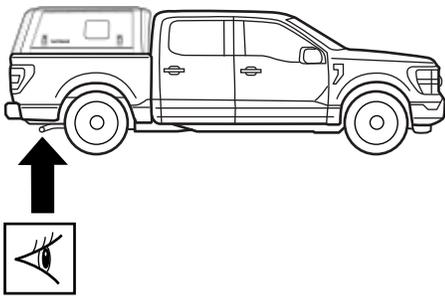
REMOVE THE BOLTS HOLDING THE DRIVER SIDE TAILLIGHT ASSEMBLY.

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



STEP 83

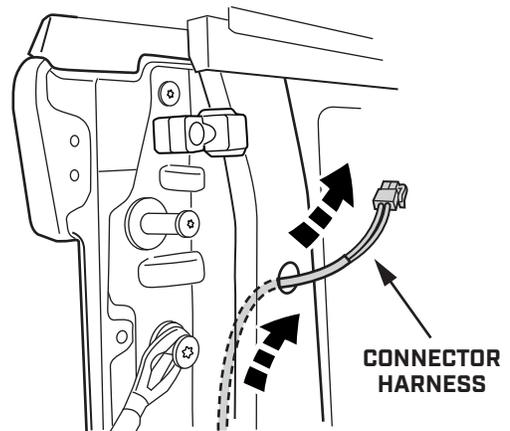
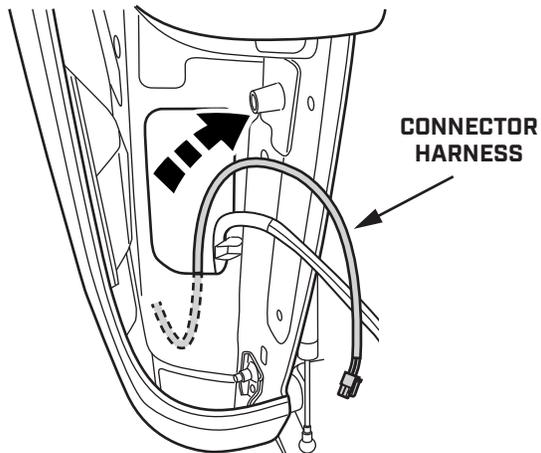
ROUTE THE CONNECTOR HARNESS UP TOWARDS THE TAILLIGHT CAVITY.



STEP 84

CAREFULLY PULL THE CONNECTOR HARNESS OUT THROUGH THE TAILLIGHT CAVITY.

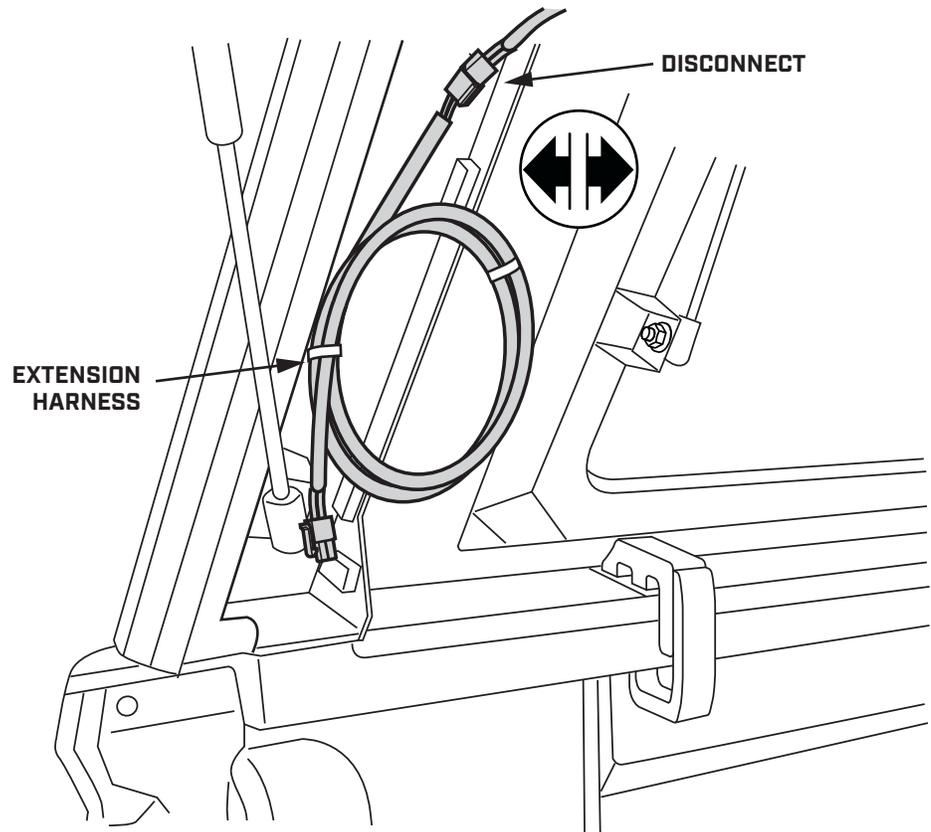
ROUTE THE CONNECTOR HARNESS UP AND OUT THROUGH THE HOLE IN THE SIDE OF THE BED.



I-SHEET-NA-F2

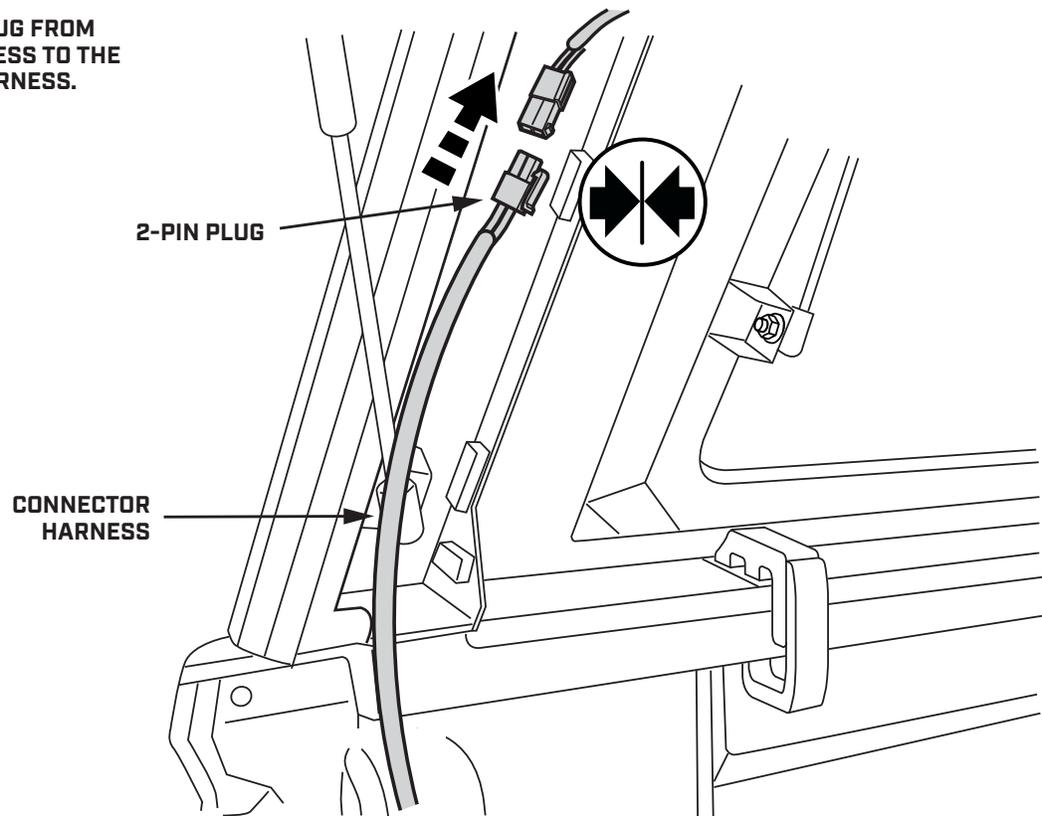
STEP 85

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



STEP 86

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

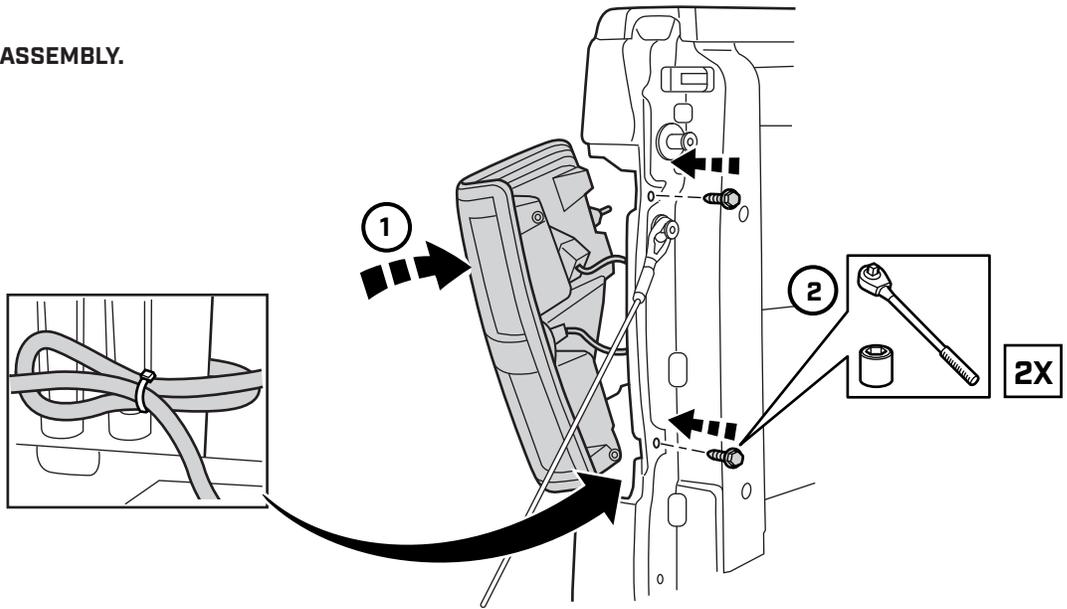


I-SHEET-NA-F2

STEP 87

REINSTALL THE TAILLIGHT ASSEMBLY.

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



STEP 88



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

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SUPPORT.SA@SMARTCAP.COM - REST OF WORLD



I-SHEET-NA-F2