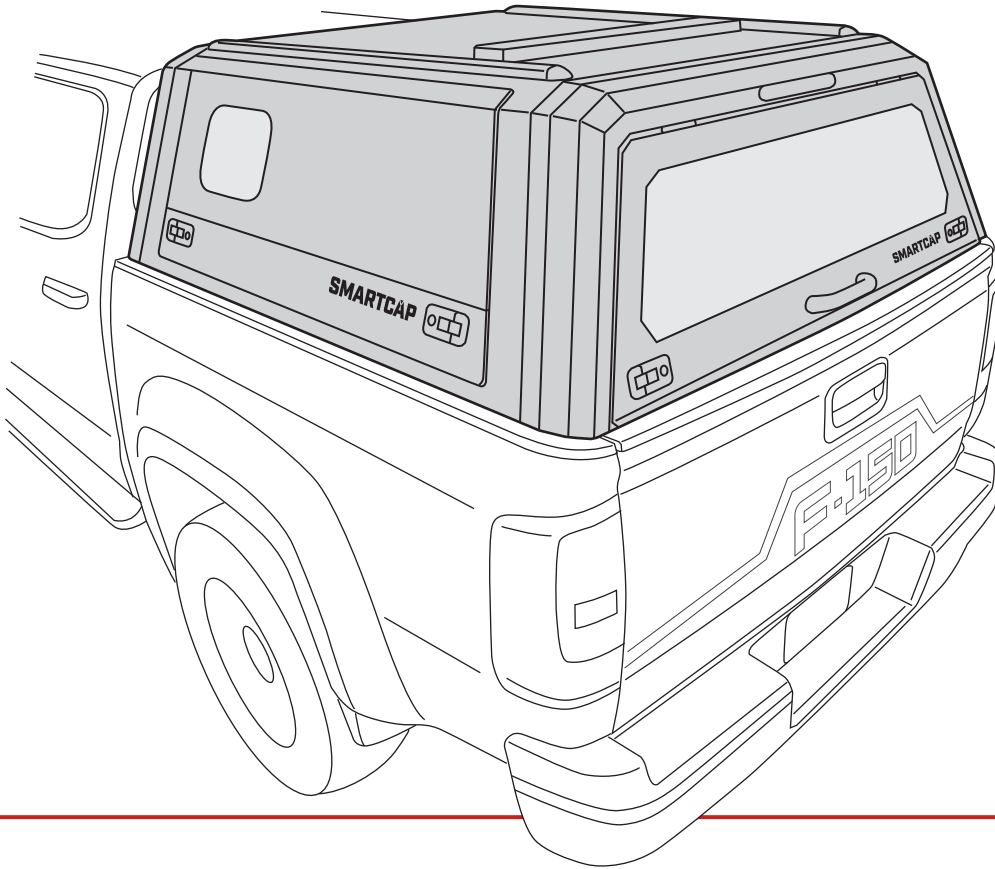


SMARTCAP®

INSTRUCTION GUIDE

FORD F-150 EDITION

2015-2023

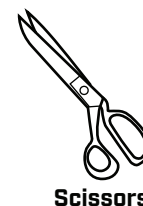
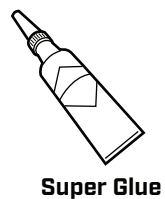
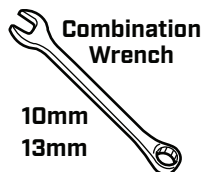
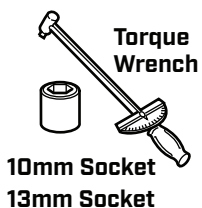
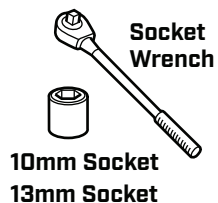


- ▼ **READ THROUGH THE ENTIRE INSTRUCTION GUIDE BEFORE STARTING THIS PROCEDURE AND FOLLOW THE STEPS CAREFULLY TO AVOID ANY DAMAGE TO THE COMPONENTS OR THE VEHICLE.**

SMARTCAP.COM - SUPPORT.NA@SMARTCAP.COM - NORTH AMERICA



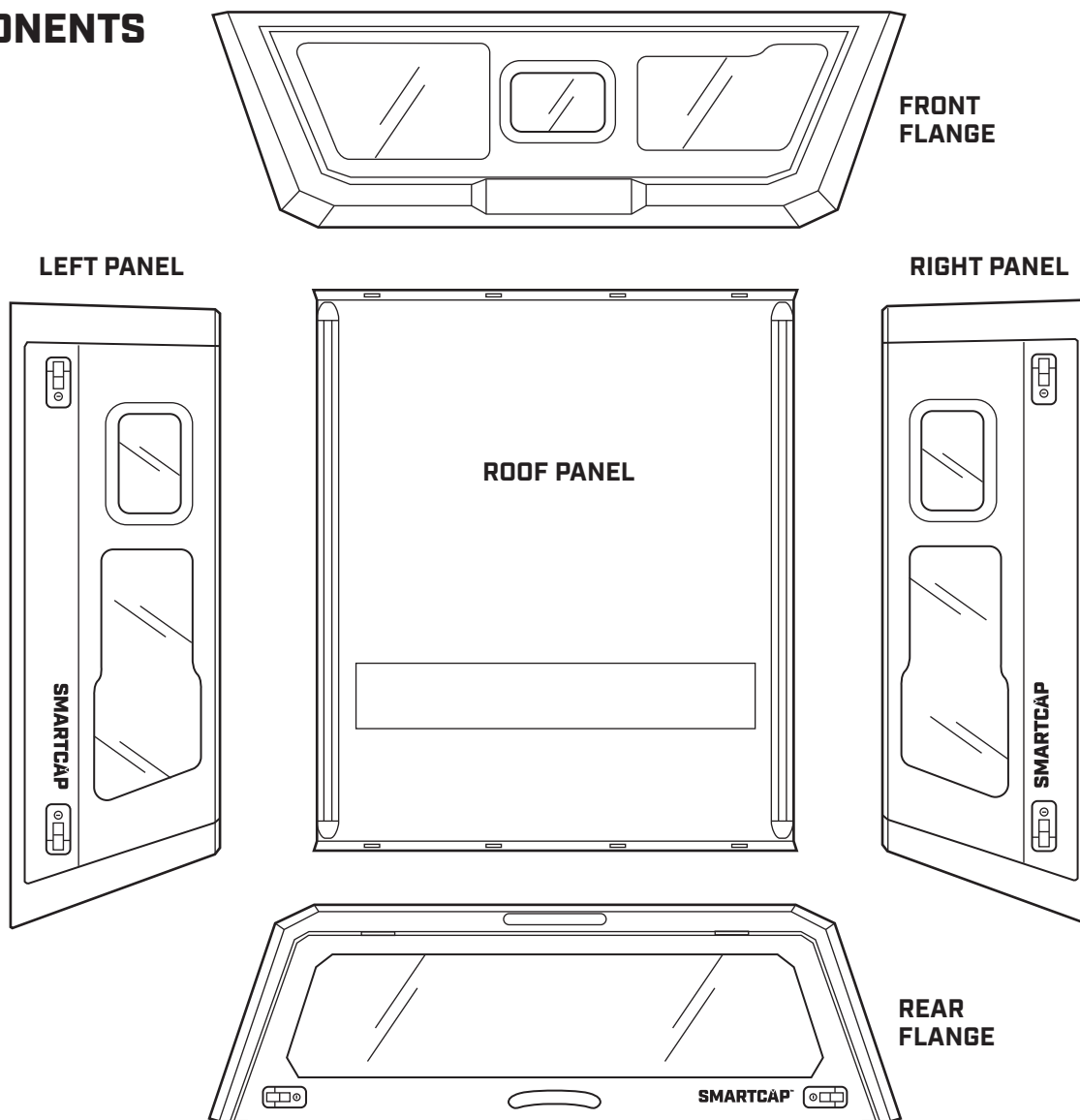
TOOLS REQUIRED



IMPORTANT

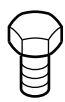
- ▼ USE ONLY THE TOOLS RECOMMENDED ABOVE.
- ▼ USE ONLY THE HARDWARE PROVIDED IN THIS KIT.
- ▼ ASSISTANCE WILL BE NEEDED FOR THIS INSTALLATION. FOUR PEOPLE ARE RECOMMENDED TO LIFT THE SMARTCAP ONTO THE VEHICLE.
- ▼ AVOID PINCHING OR CRUSHING HANDS AND FINGERS.
- ▼ INSPECT ALL KIT COMPONENTS FOR DAMAGE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

COMPONENTS

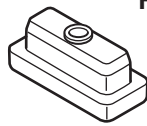


ASSEMBLY HARDWARE

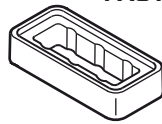
[PRE-FASTENED TO FLANGES]



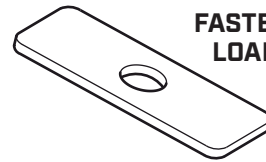
M6
BOLT
28X



FASTENER
BLOCK
28X



FASTENER BLOCK
CLAMP
28X



FASTENER BLOCK
LOADSPREADER
28X



M6 LOCK
WASHER
28X

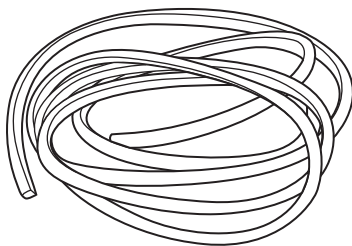


M6
LOCK
NUT
10X SHORT BED
12X STANDARD BED

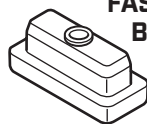


M6
FENDER
WASHER
10X SHORT BED
12X STANDARD BED

SPARE HARDWARE 1X



D - RUBBER
1X



FASTENER
BLOCK



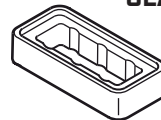
M6 BOLT



M6 FENDER
WASHER



M6 LOCK
NUT



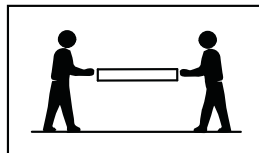
FASTENER BLOCK
CLAMP



FASTENER BLOCK
LOADSPREADER

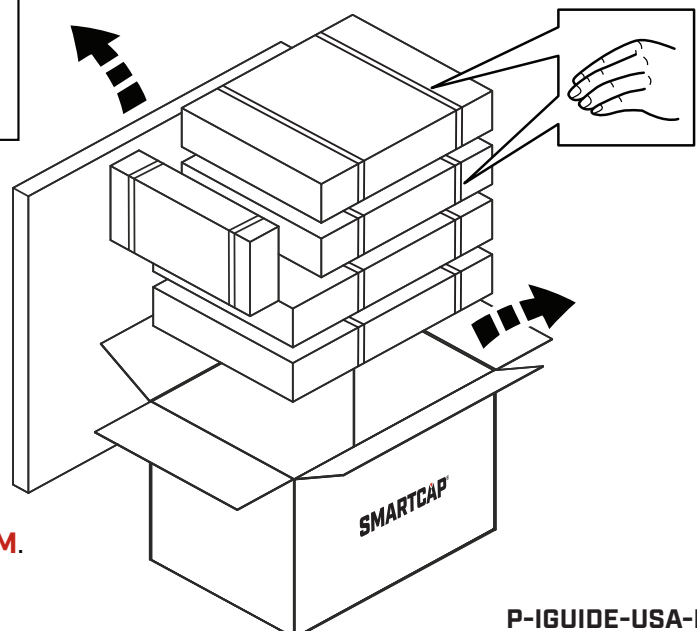


STEP 1



IMPORTANT

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

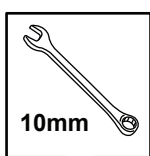
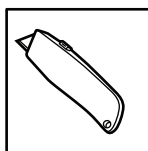
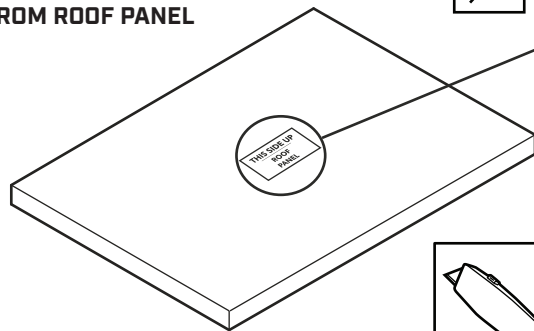


STEP 2

REMOVE ALL HARDWARE
FROM ROOF PANEL



THIS SIDE UP
ROOF
PANEL



10mm

M6
LOCK NUT

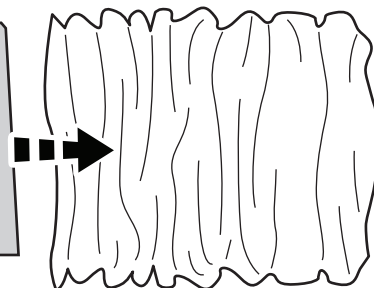
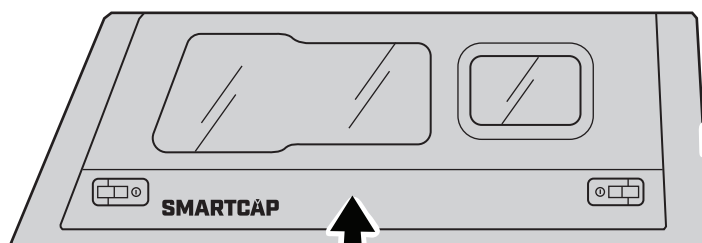
M6
FENDER
WASHER

10X SHORT BED
12X STANDARD BED

ROOF PANEL

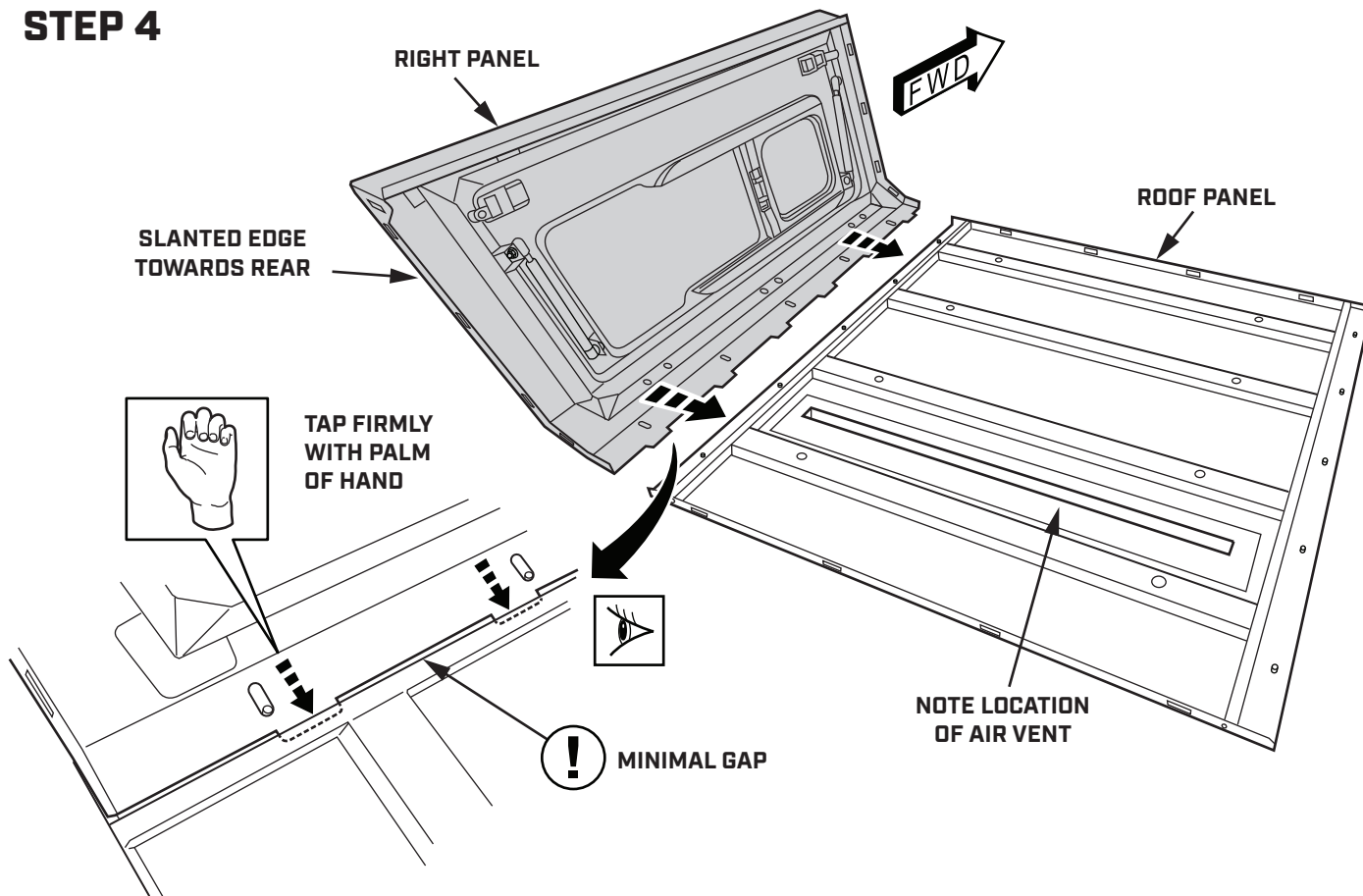
[USE THE CARDBOARD
AS A WORK SURFACE]

STEP 3

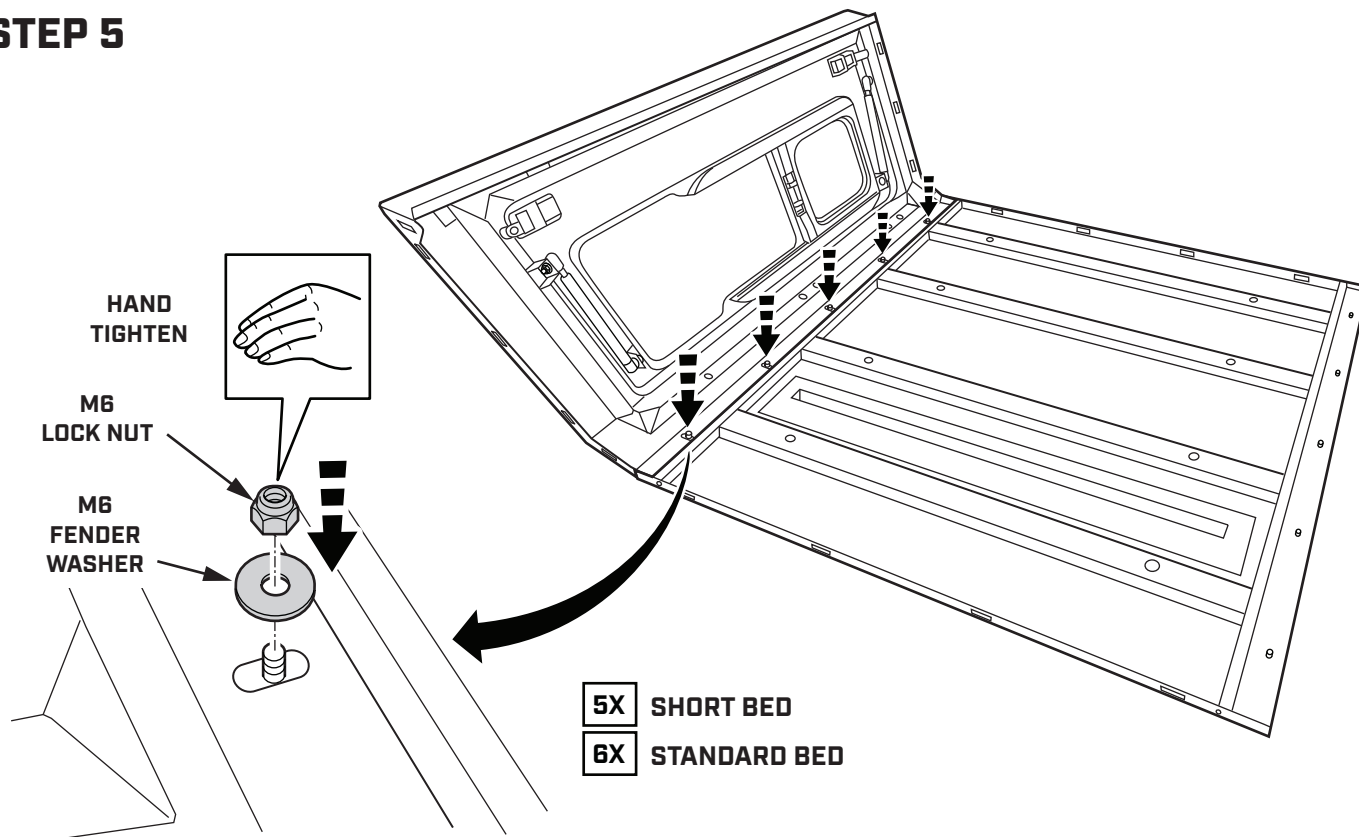


RIGHT PANEL

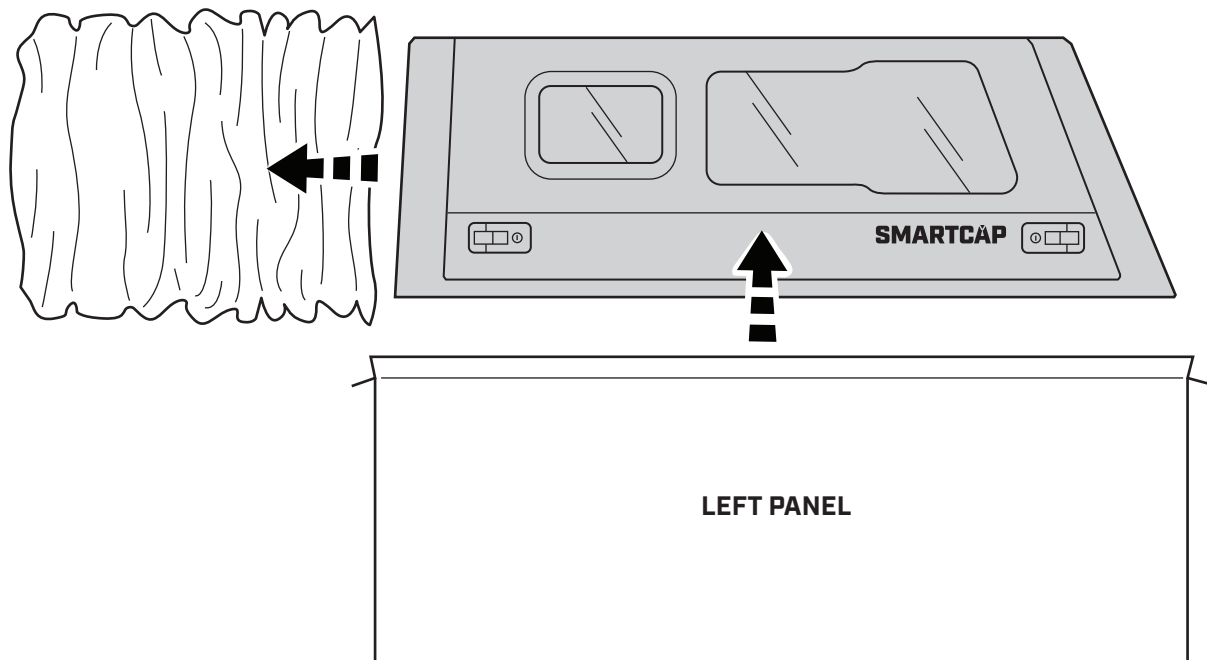
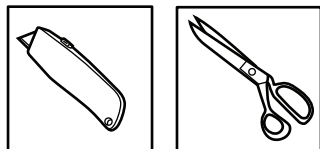
STEP 4



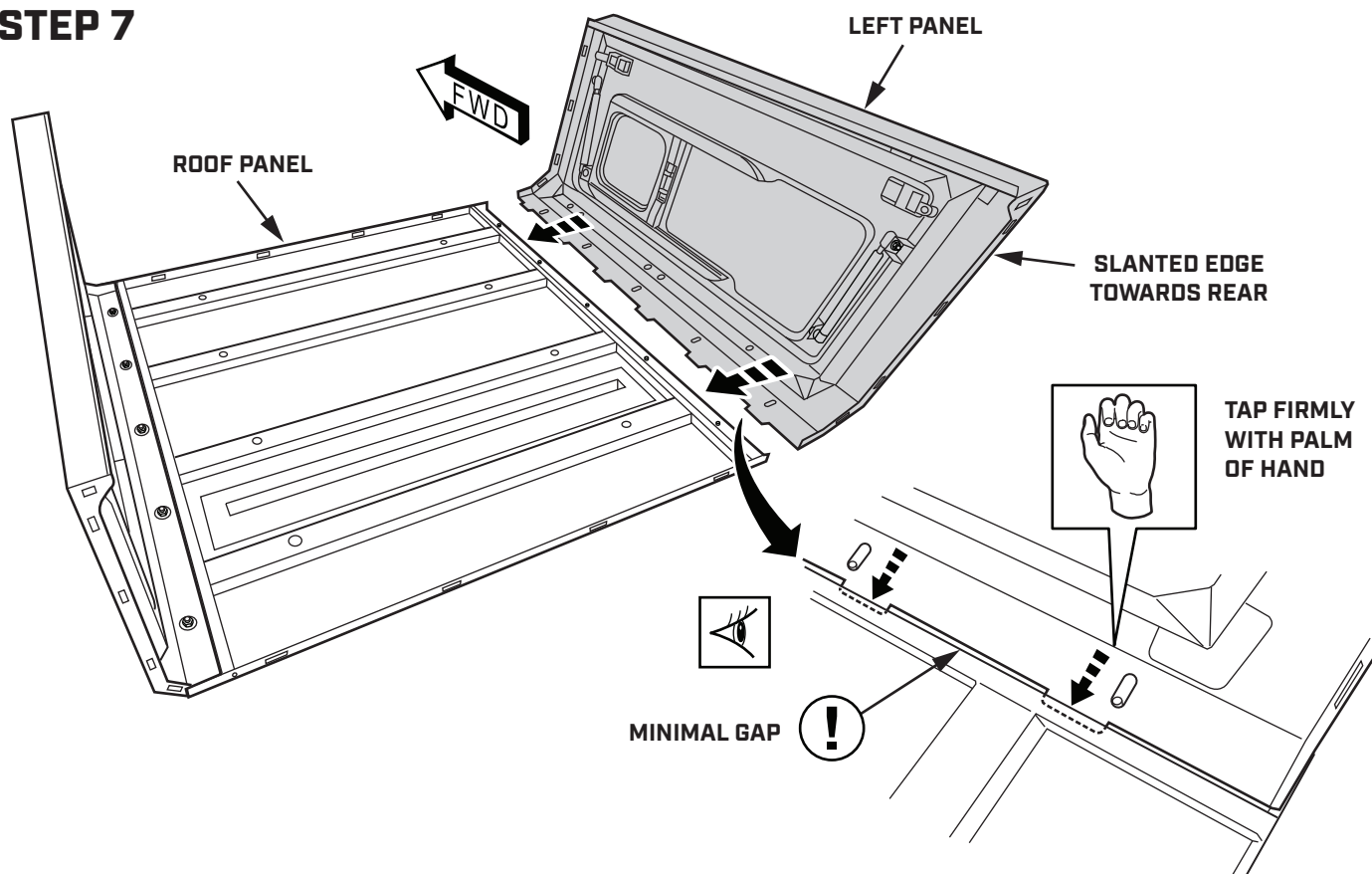
STEP 5



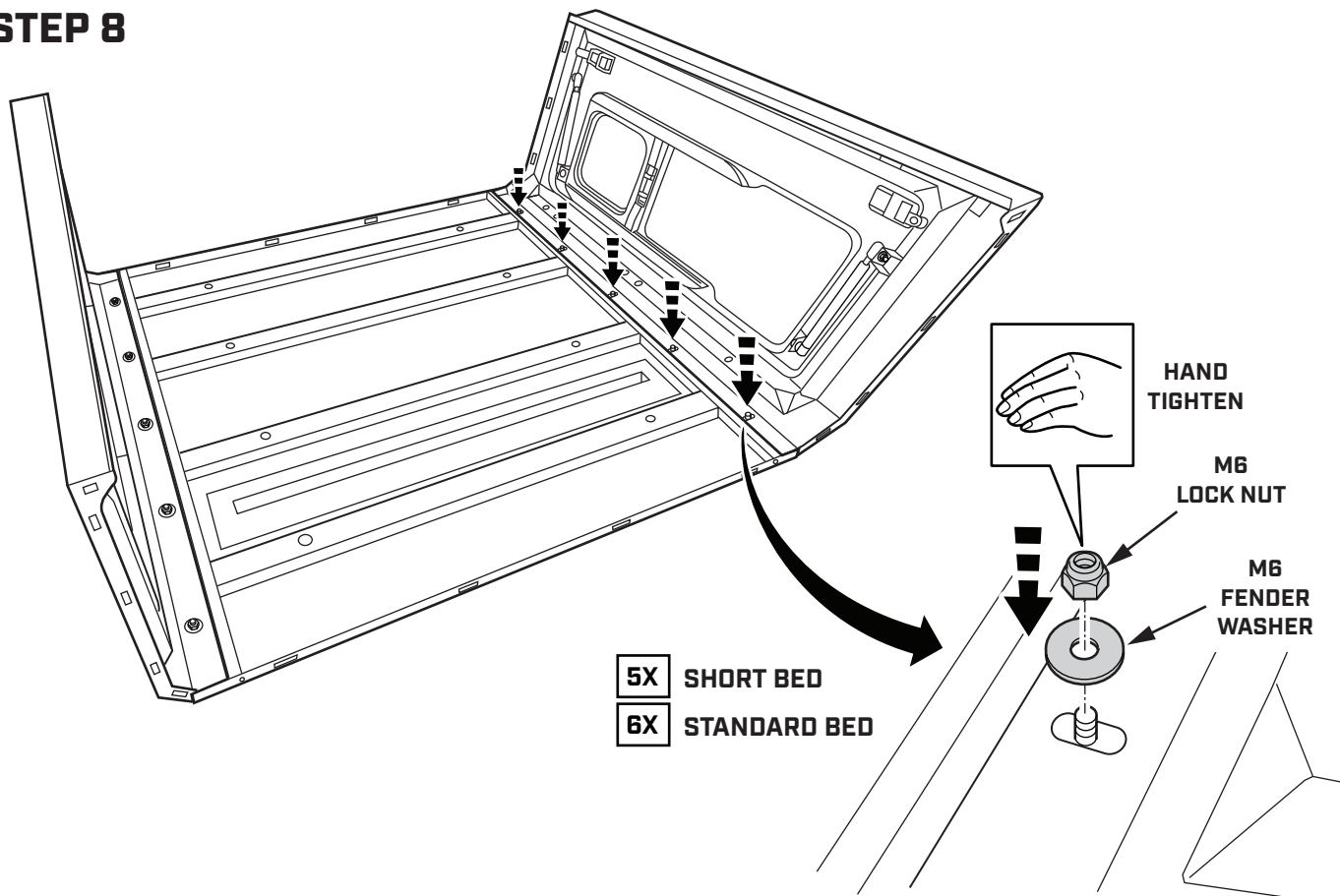
STEP 6



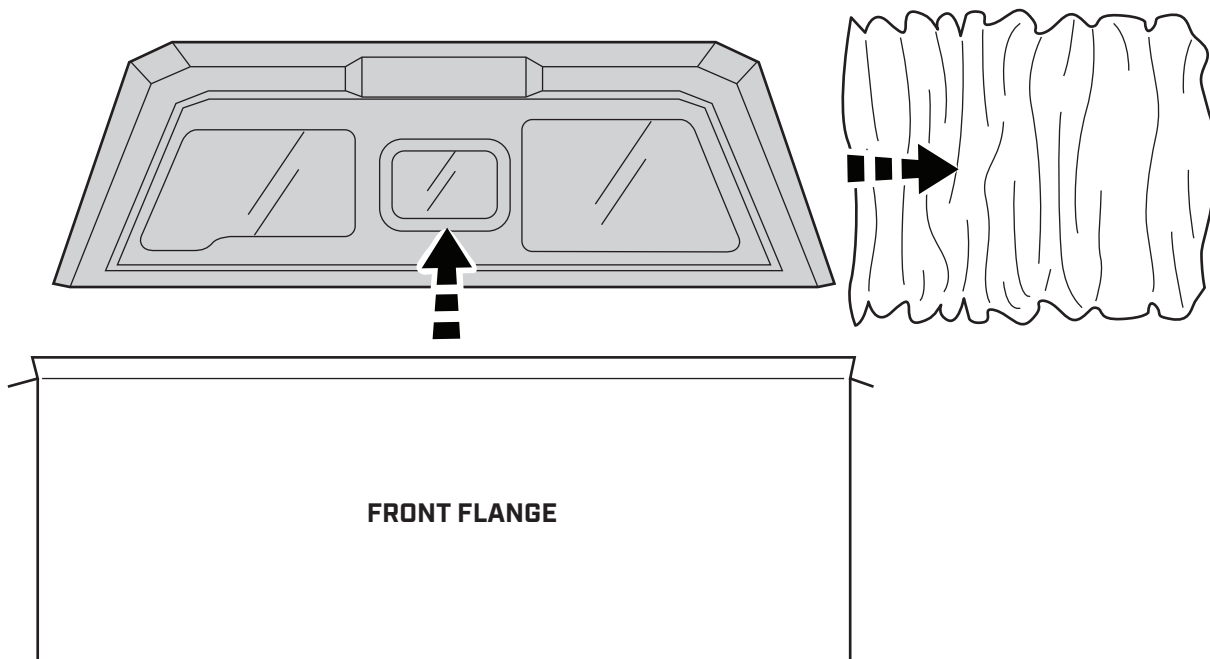
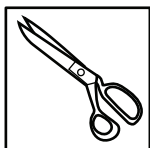
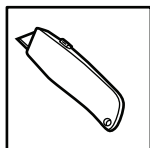
STEP 7



STEP 8

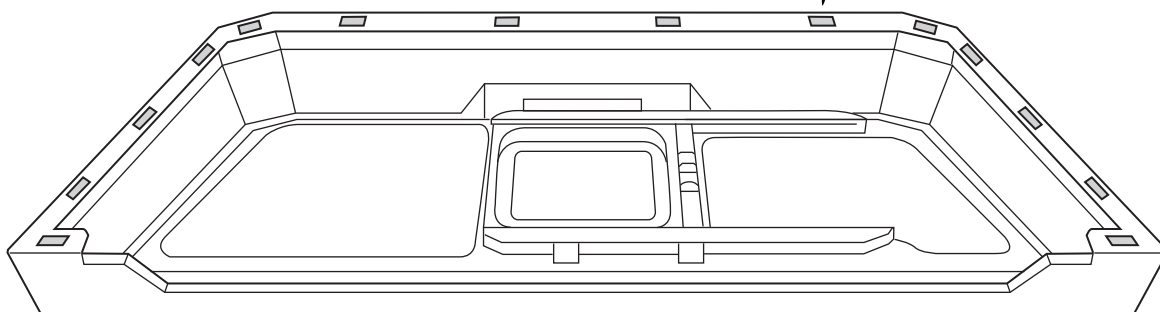
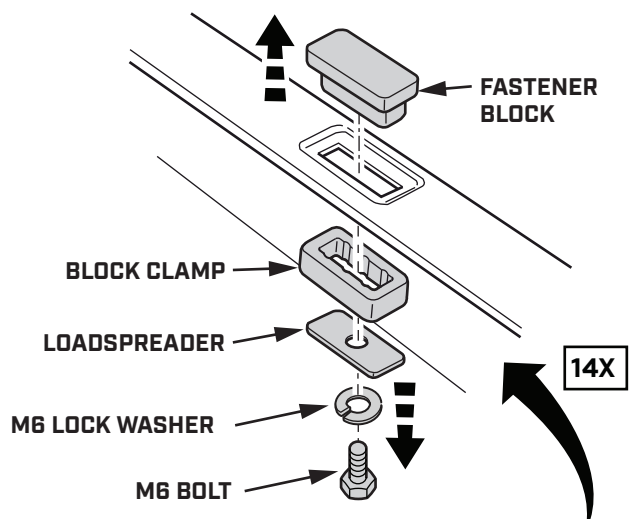
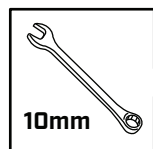


STEP 9

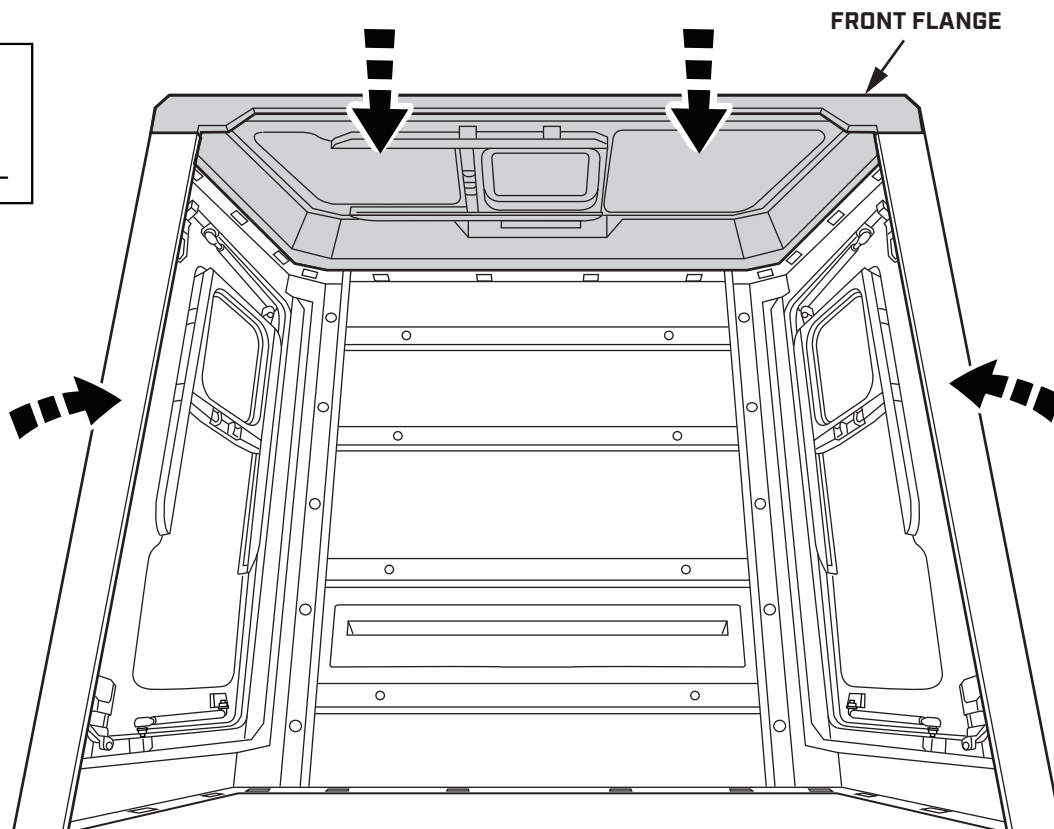
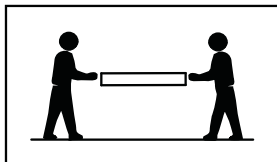


STEP 10

REMOVE ALL HARDWARE
FROM FRONT FLANGE



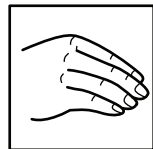
STEP 11



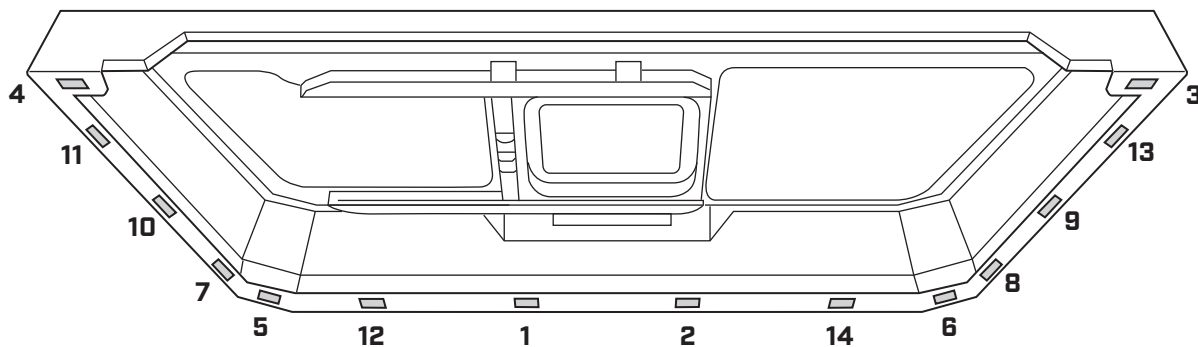
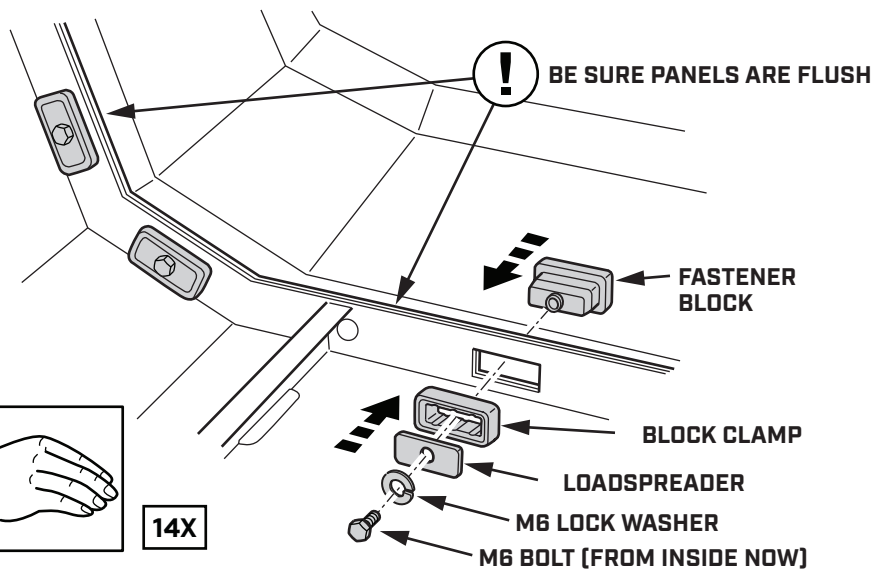
STEP 12

INSTALL HARDWARE
ALONG FRONT FLANGE
WITH BOLT ON INSIDE

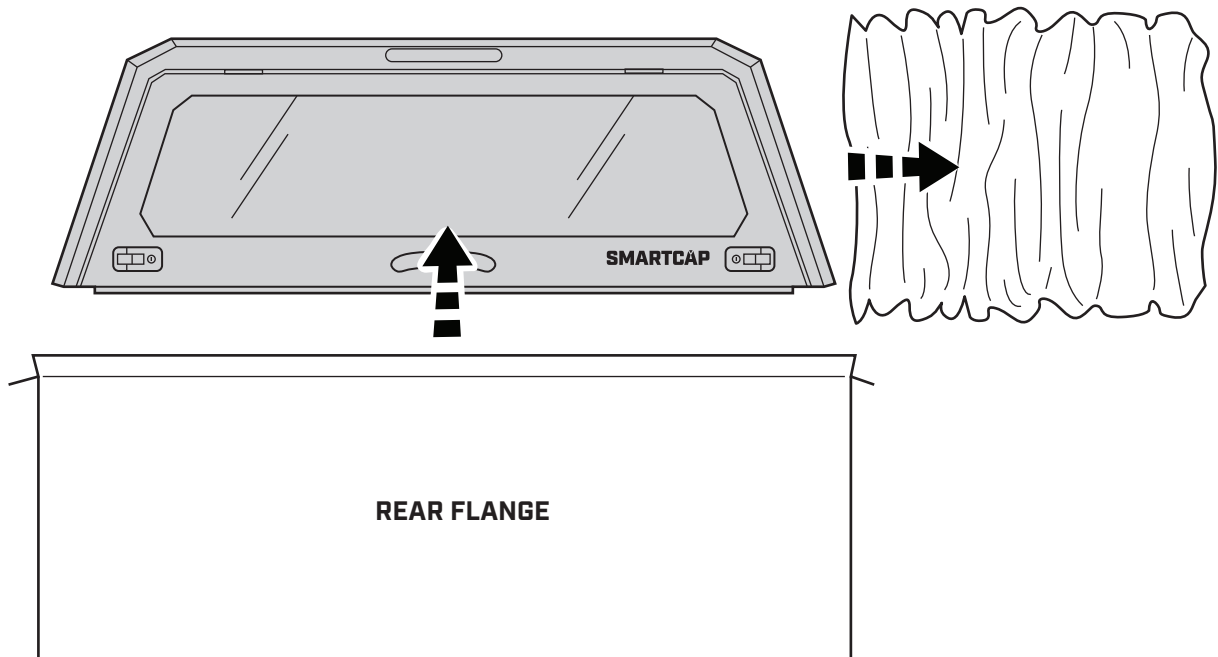
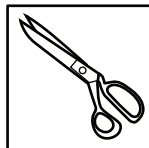
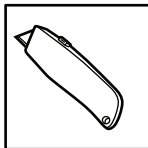
HAND TIGHTEN IN THE
SEQUENCE SHOWN



14X

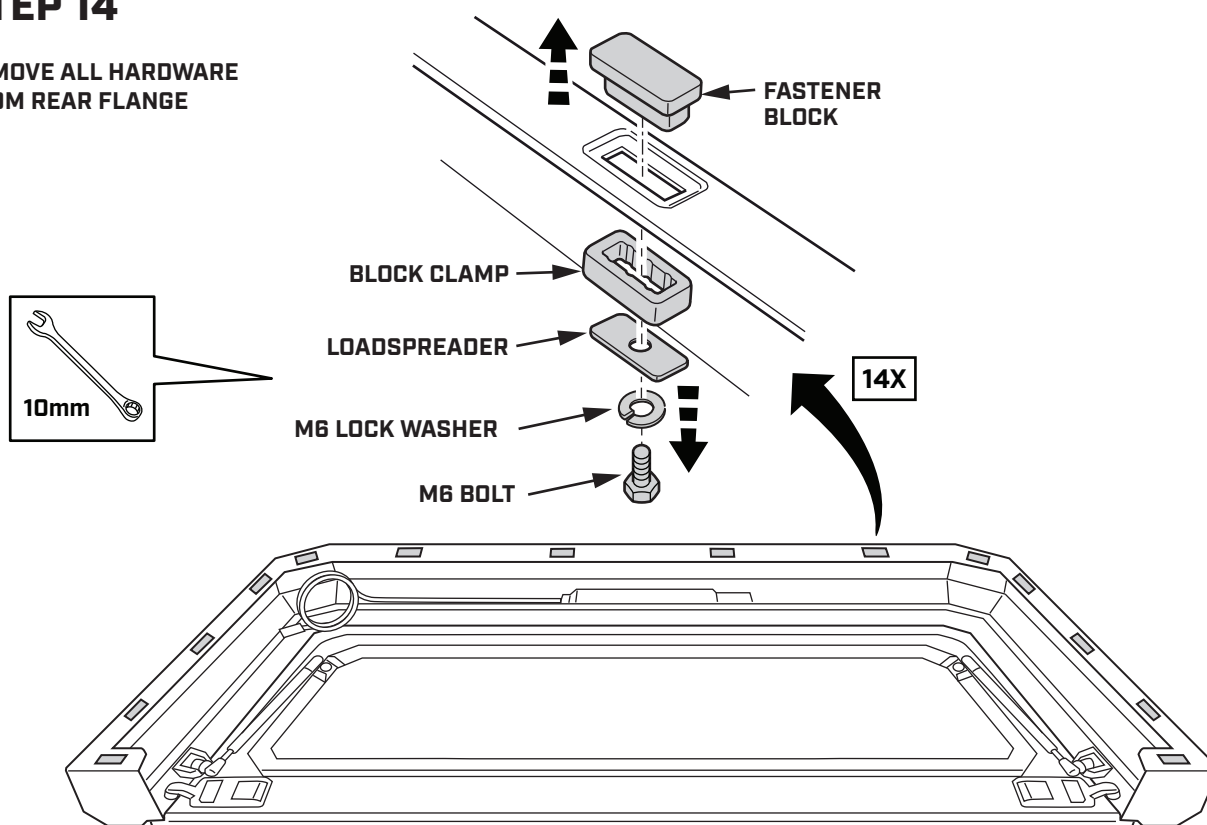


STEP 13

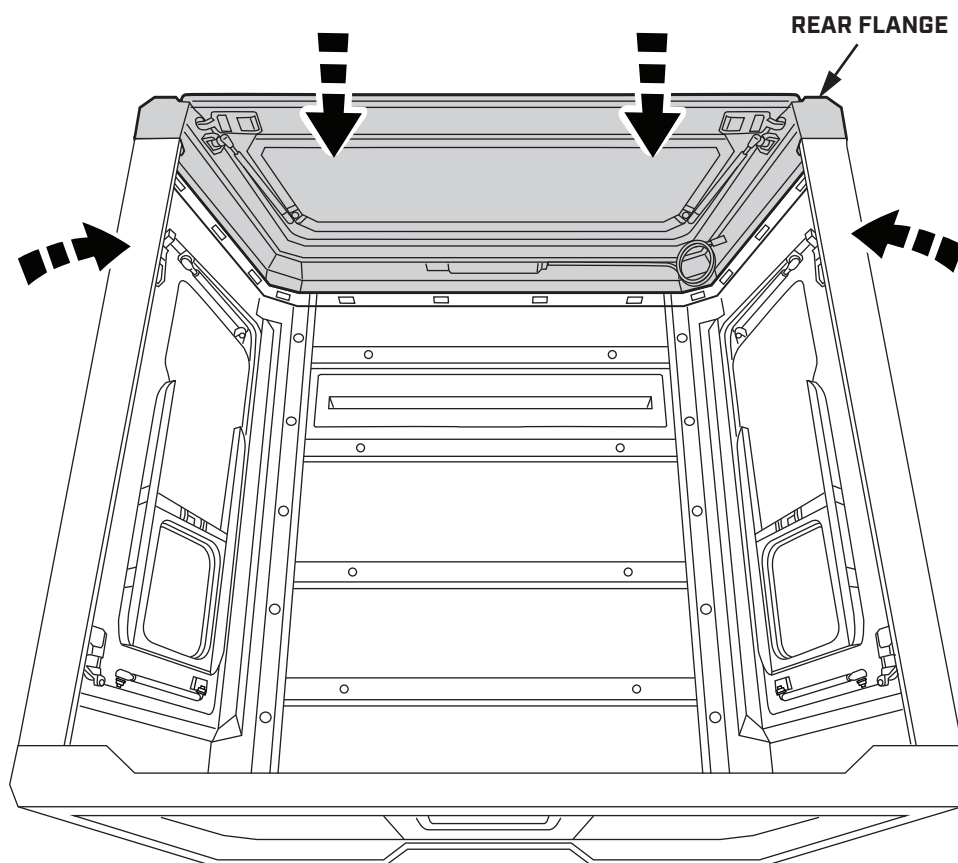
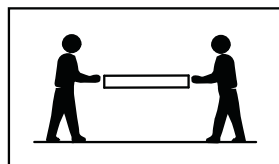


STEP 14

REMOVE ALL HARDWARE
FROM REAR FLANGE



STEP 15



STEP 16

INSTALL HARDWARE
ALONG REAR FLANGE
WITH BOLT ON INSIDE

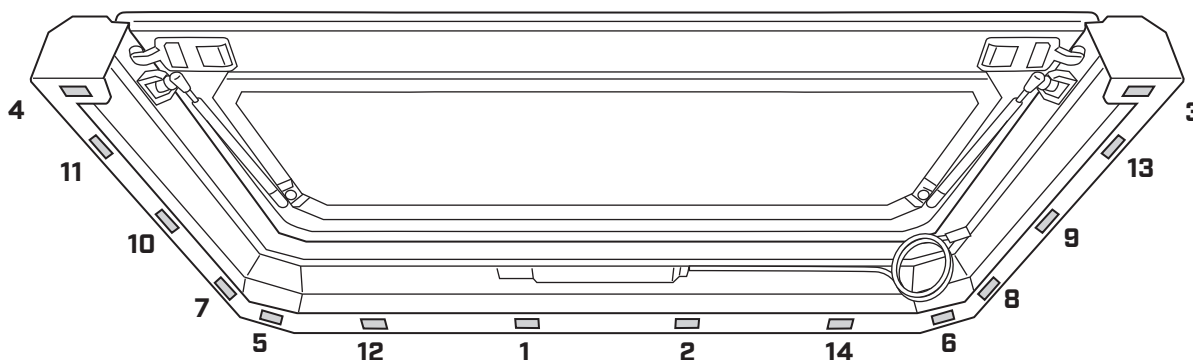
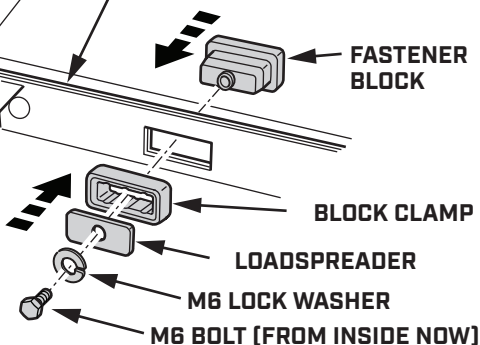
HAND TIGHTEN IN THE
SEQUENCE SHOWN



14X



BE SURE PANELS ARE FLUSH

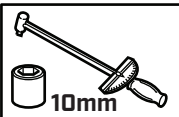


STEP 17

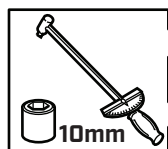
TIGHTEN ALL HARDWARE
WITH TORQUE WRENCH
AND 10mm SOCKET

14X

Min 6 N m
Max 12 N m
[4.4 lbs. ft.]



Min 6 N m
Max 12 N m
[4.4 lbs. ft.]



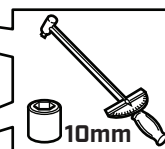
5X

SHORT BED

6X

STANDARD BED

Min 6 N m
Max 12 N m
[4.4 lbs. ft.]

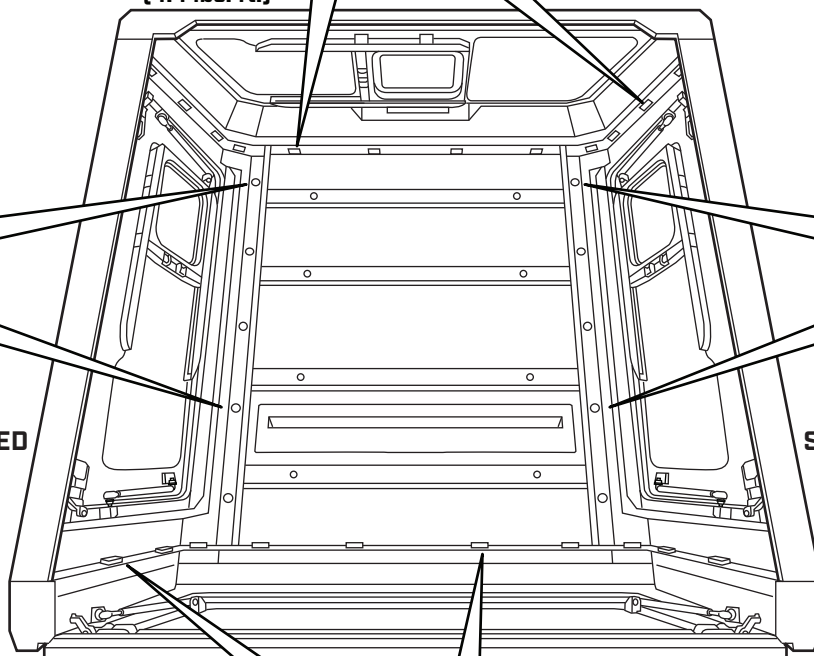


SHORT BED

5X

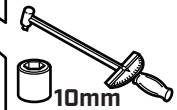
STANDARD BED

6X



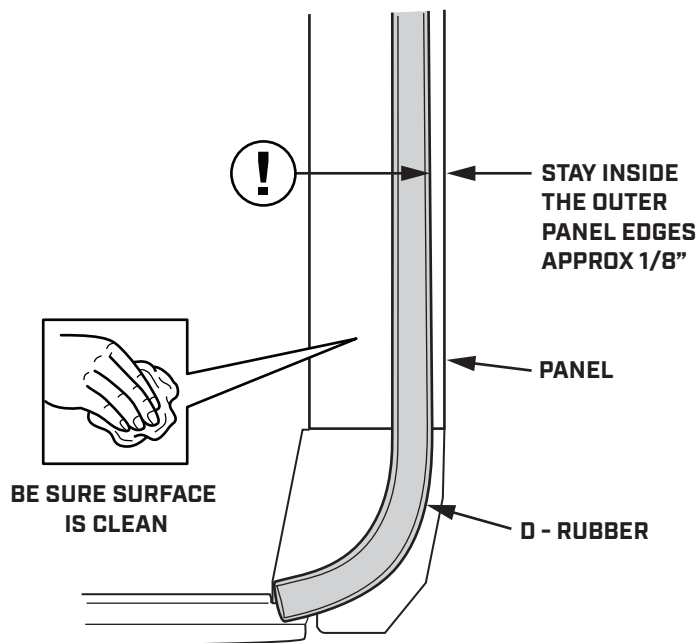
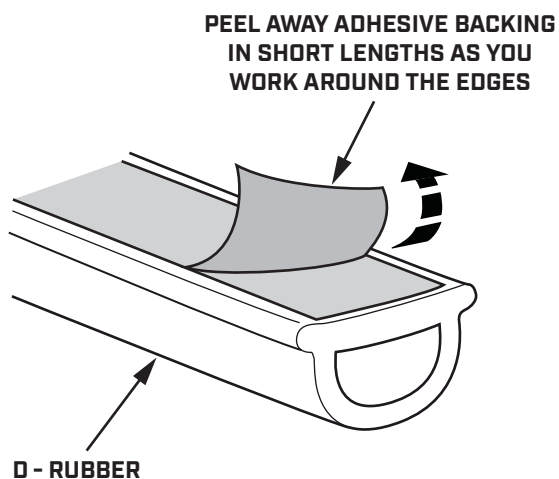
14X

Min 6 N m
Max 12 N m
[4.4 lbs. ft.]

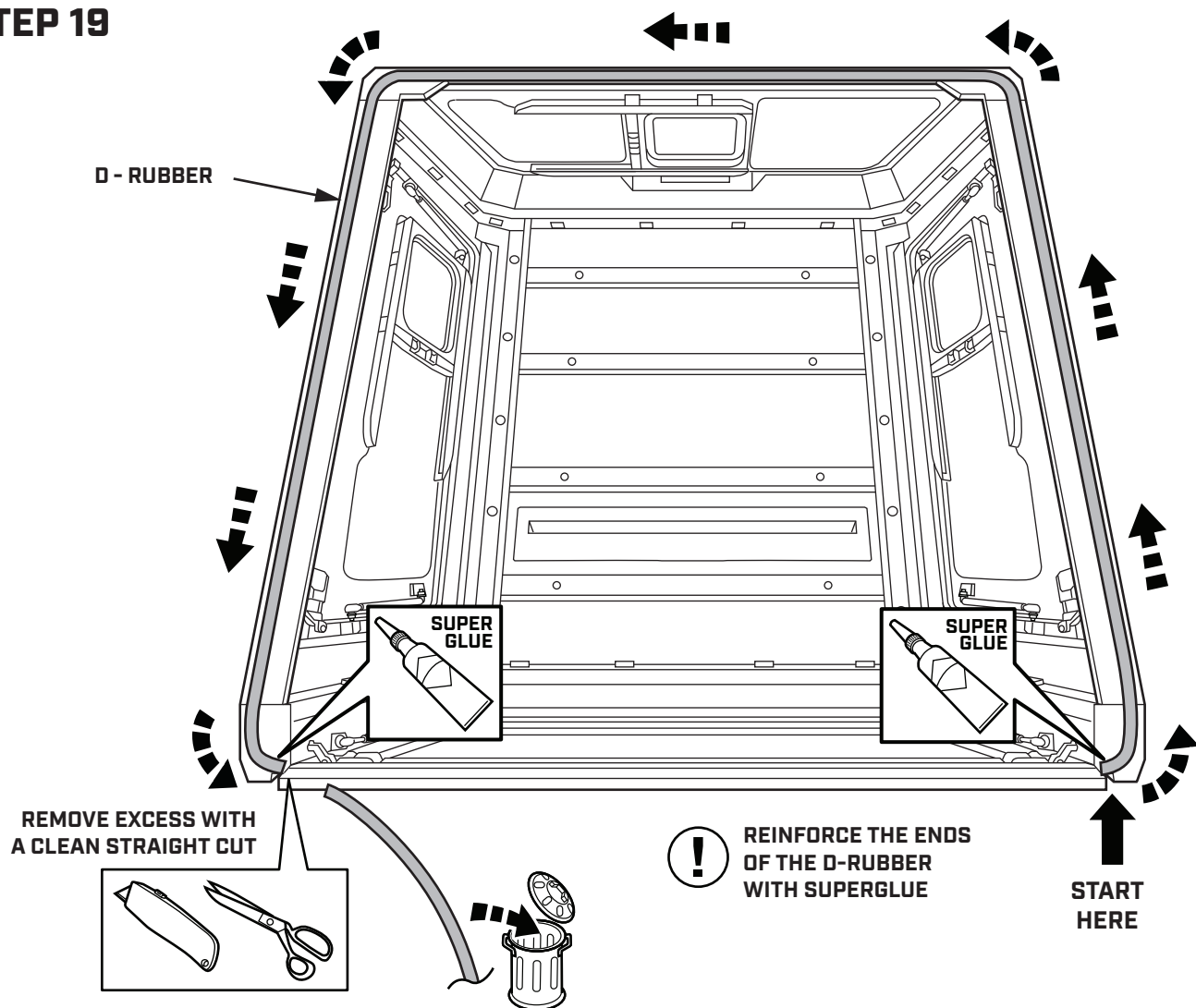


STEP 18

APPLY D - RUBBER
TO BOTTOM OF SMARTCAP



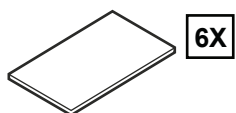
STEP 19



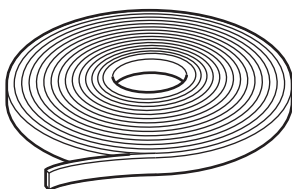
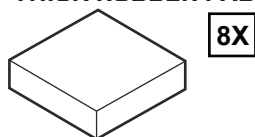
VEHICLE INSTALLATION

ASSEMBLY HARDWARE

THIN RUBBER PAD

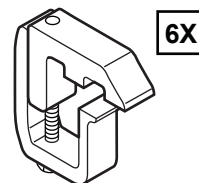


THICK RUBBER PAD



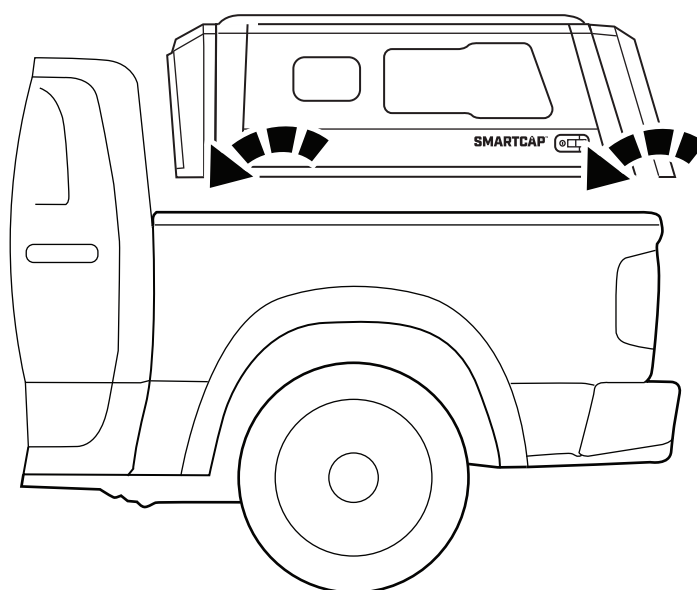
5mm **1X**
FOAM SEAL TAPE

MOUNTING CLAMP



IMPORTANT

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

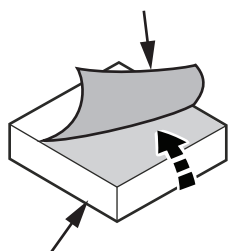


STEP 20

REMOVE THE ADHESIVE BACKING
FROM THE THICK RUBBER PAD

STICK THE PADS UNDER THE
SMARTCAP'S EDGE AT RECOMMENDED
LOCATION OF MOUNTING CLAMPS

PEEL AWAY
ADHESIVE BACKING

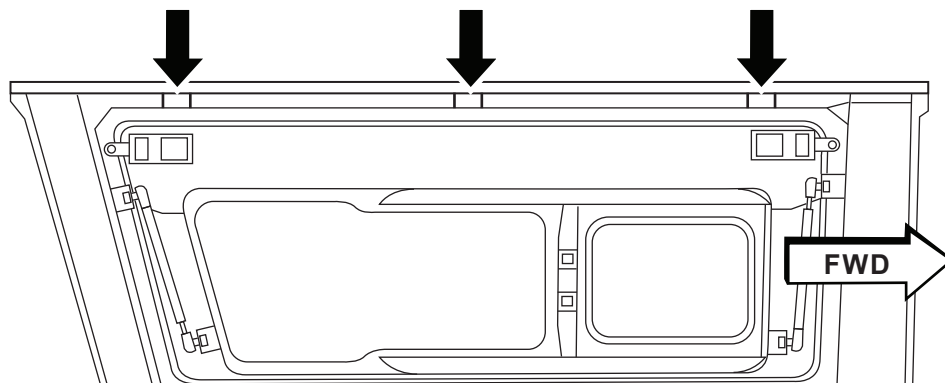


THICK RUBBER PAD

GUSSET

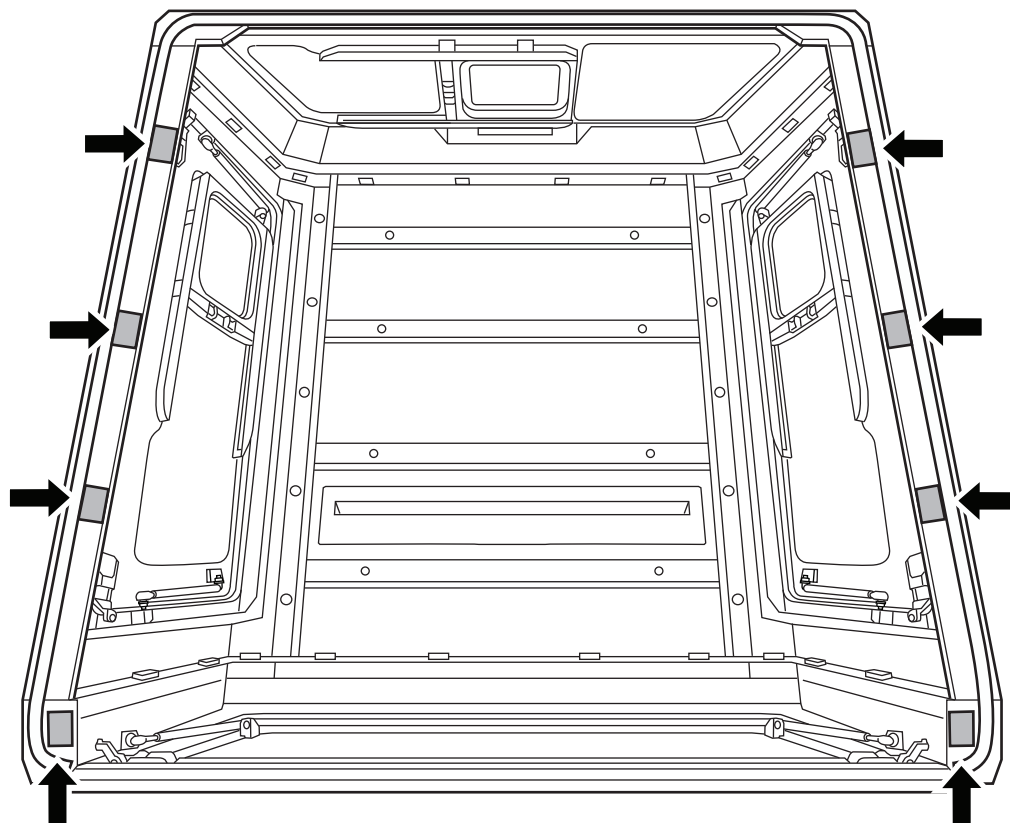
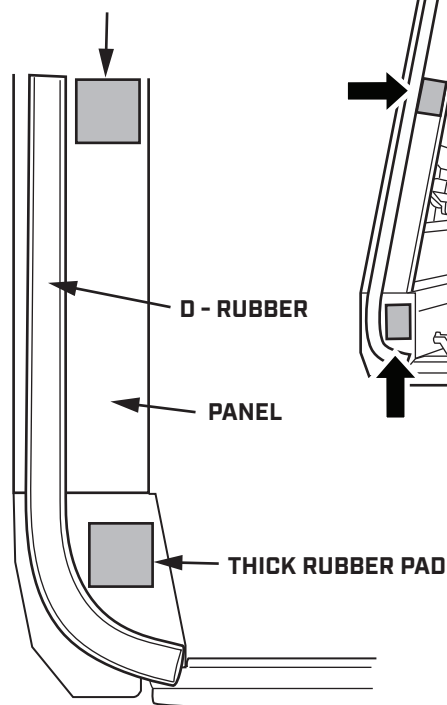
GUSSET

GUSSET



NOTE THE RECOMMENDED LOCATIONS FOR THE
MOUNTING CLAMPS INSIDE BOTH SIDES OF THE SMARTCAP.

THICK RUBBER PAD

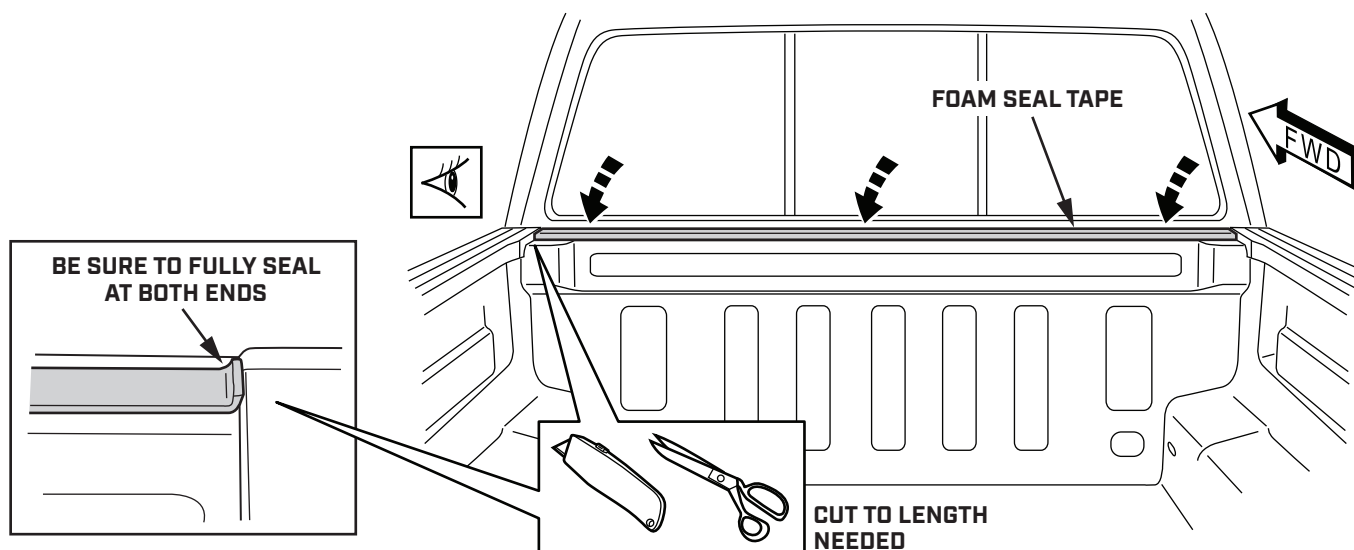
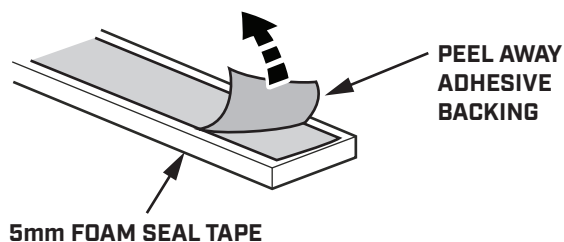


NOTE: TWO EXTRA PADS CAN BE INSTALLED
AS SPACERS FOR FURTHER SUPPORT

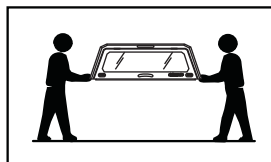
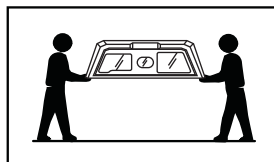
STEP 21

INSPECT THE TRUCK BED

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



STEP 22

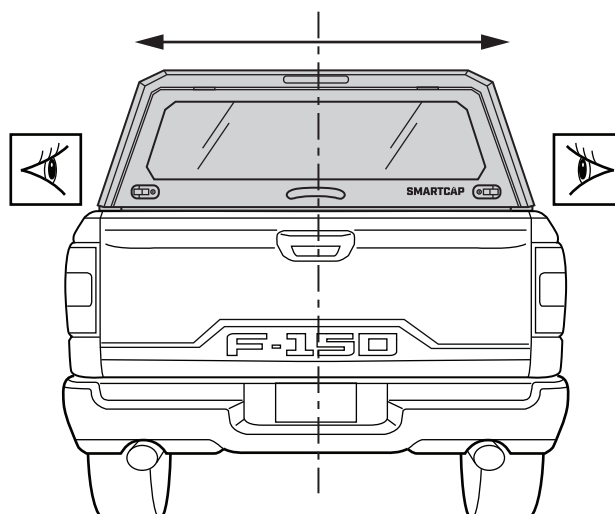
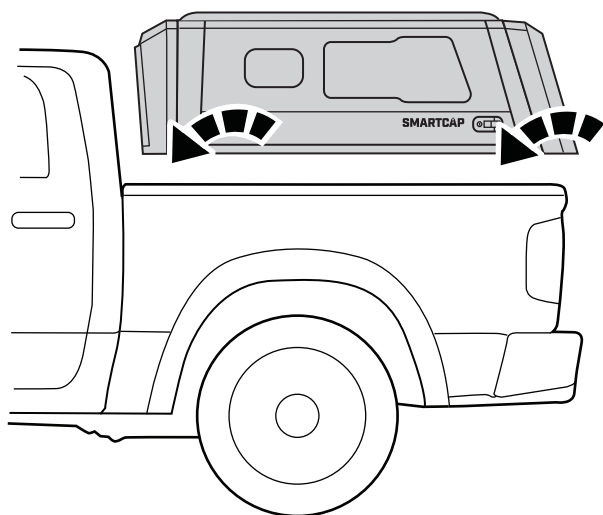


LIFT THE ASSEMBLED SMARTCAP ONTO THE TRUCK BED



**BE SURE TO NOT SCRAPE OR
DAMAGE THE D-RUBBER**

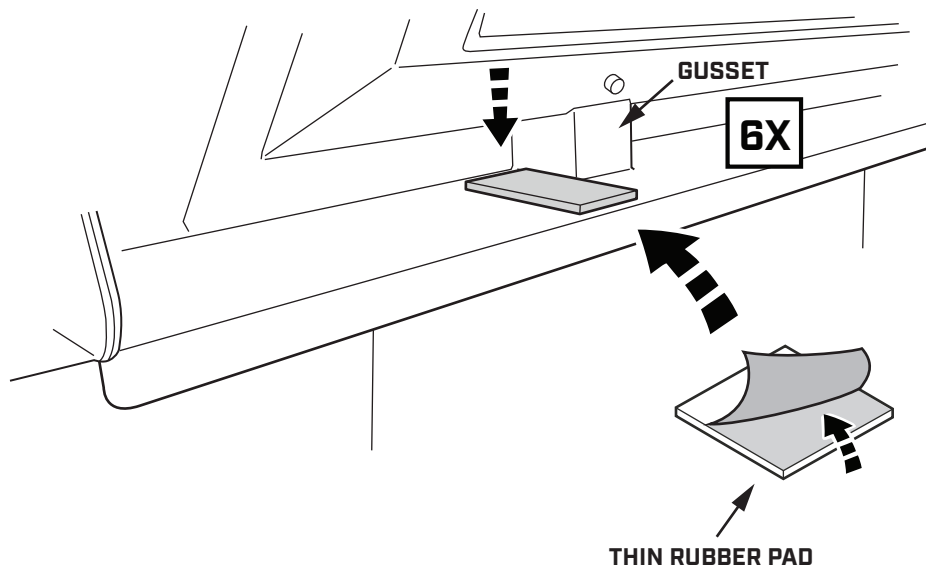
CHECK THAT THE SMARTCAP IS
PROPERLY POSITIONED AND
CENTERED ON THE TRUCK BED



STEP 23

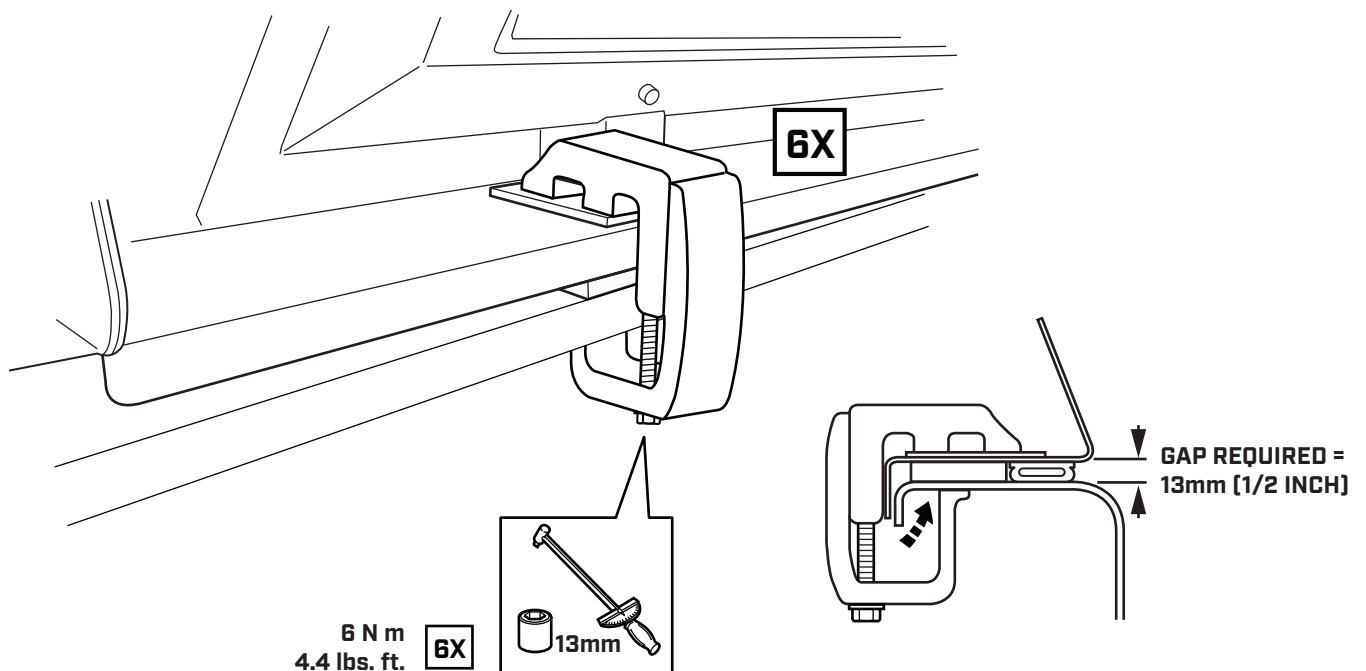
REMOVE THE ADHESIVE BACKING FROM THE THIN RUBBER PAD

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



STEP 24

INSTALL LOWER CLAMP ARMS INTO RAIL INSIDE TRUCK BED AND REASSEMBLE UPPER AND LOWER CLAMP ARMS

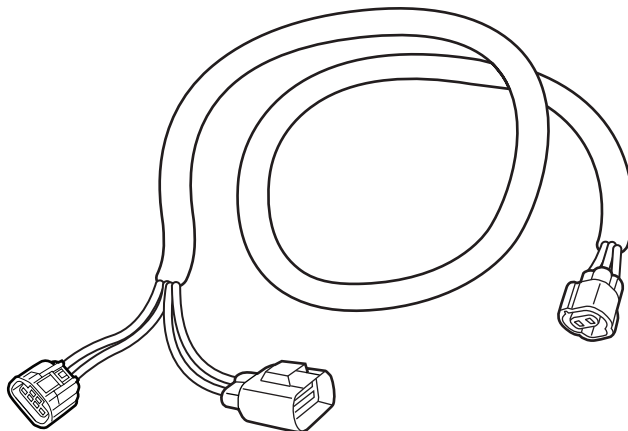
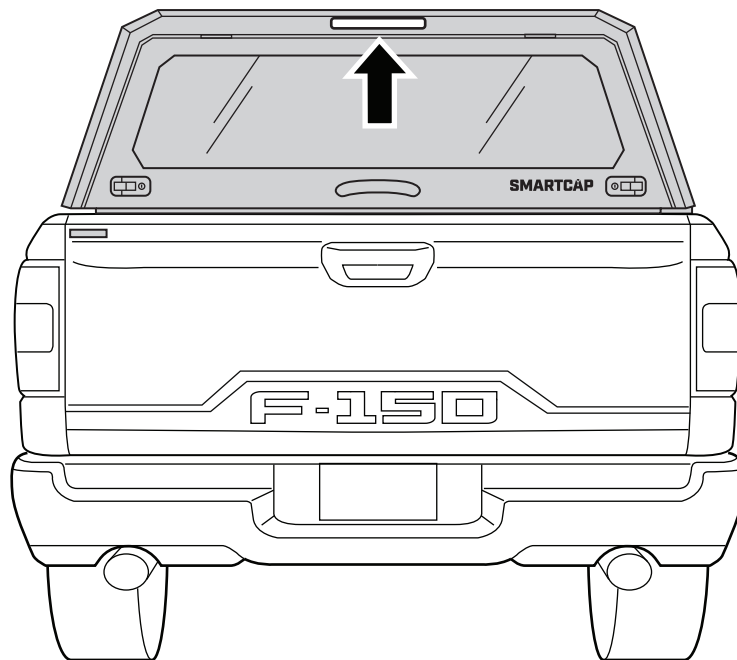


THIRD BRAKE LIGHT CONNECTOR INSTALLATION



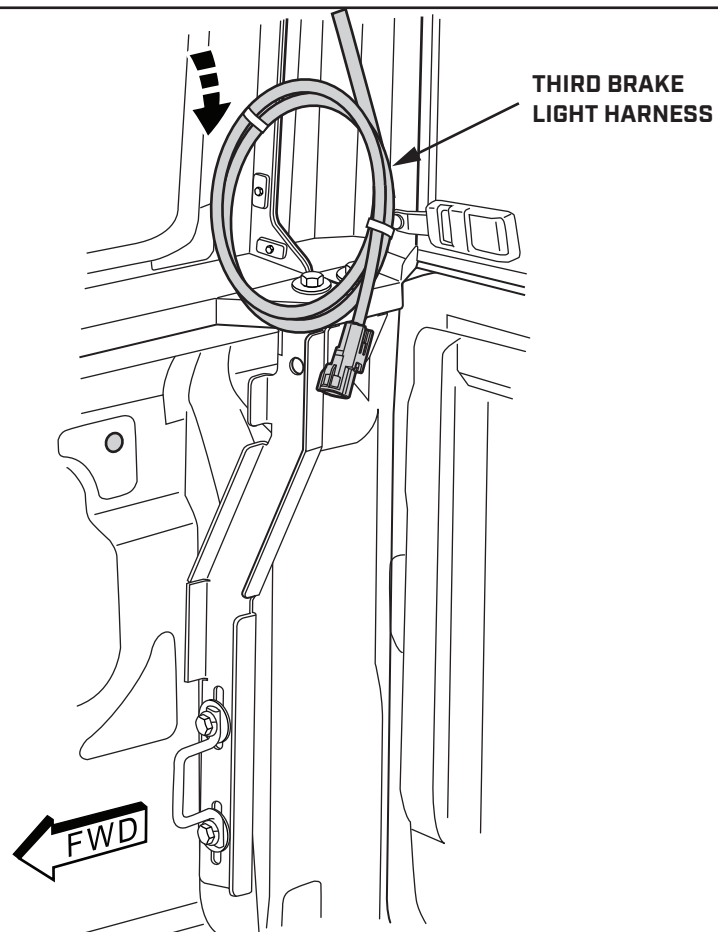
IMPORTANT

- ▼ 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 AND TRAILER PLUG WILL FUNCTION PROPERLY.
- ▼ USE A TEST LIGHT TO CHECK FOR SUCCESSFUL INSTALLATION.



STEP 25

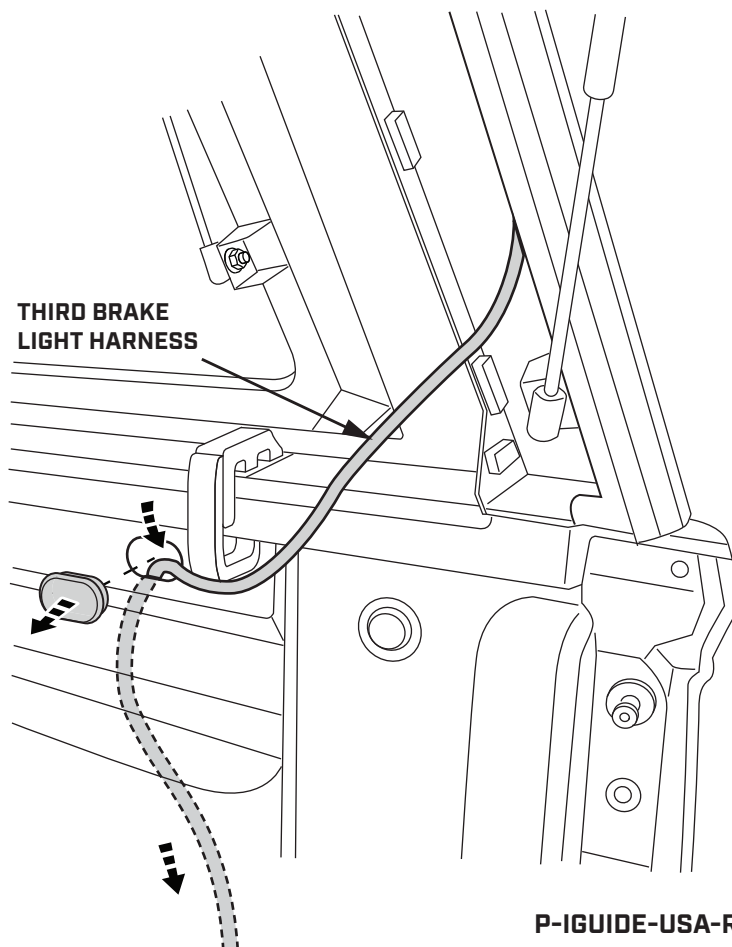
UNTIE THE THIRD BRAKE LIGHT EXTENSION HARNESS FROM WHERE IT IS ATTACHED TO THE SMARTCAP AT THE RIGHT REAR CORNER



STEP 26

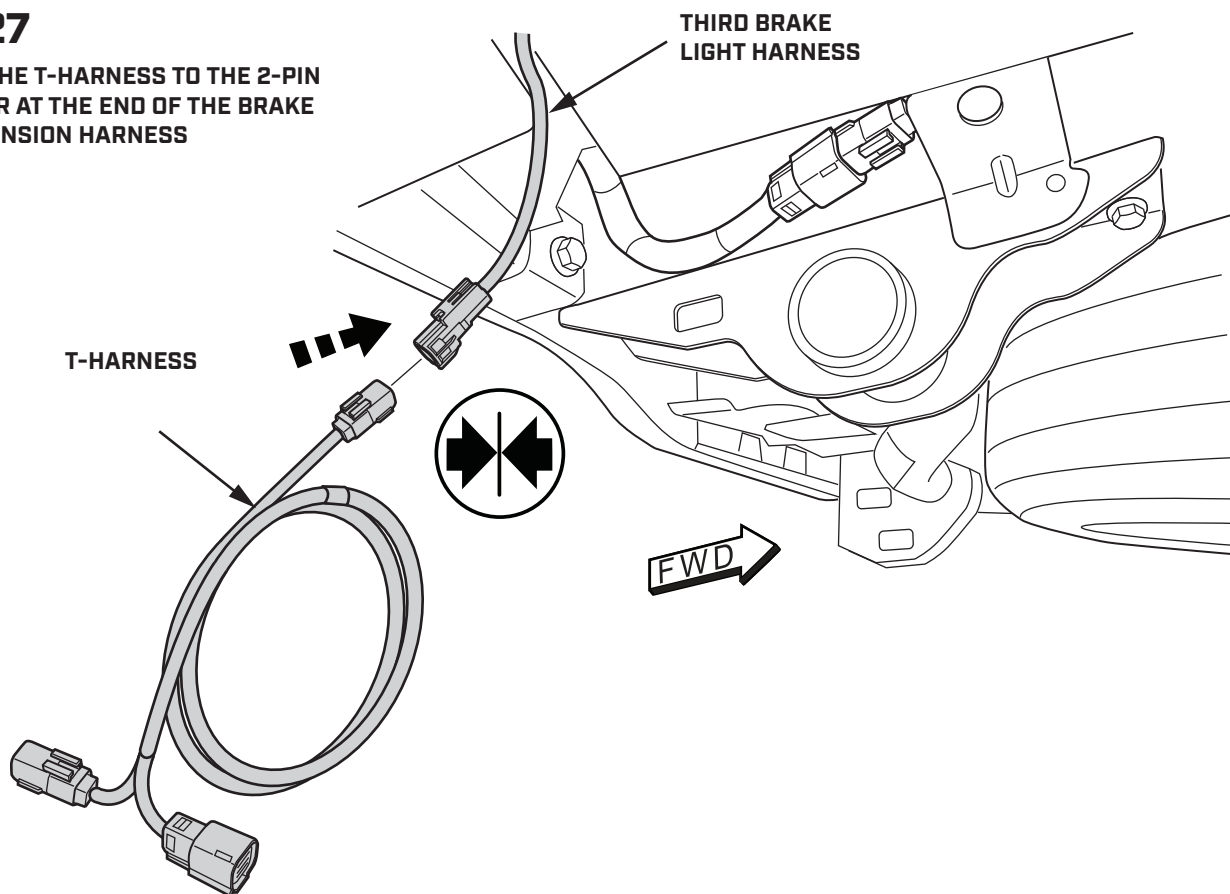
REMOVE THE GROMMET COVER AT THE TRUCK BED WALL

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



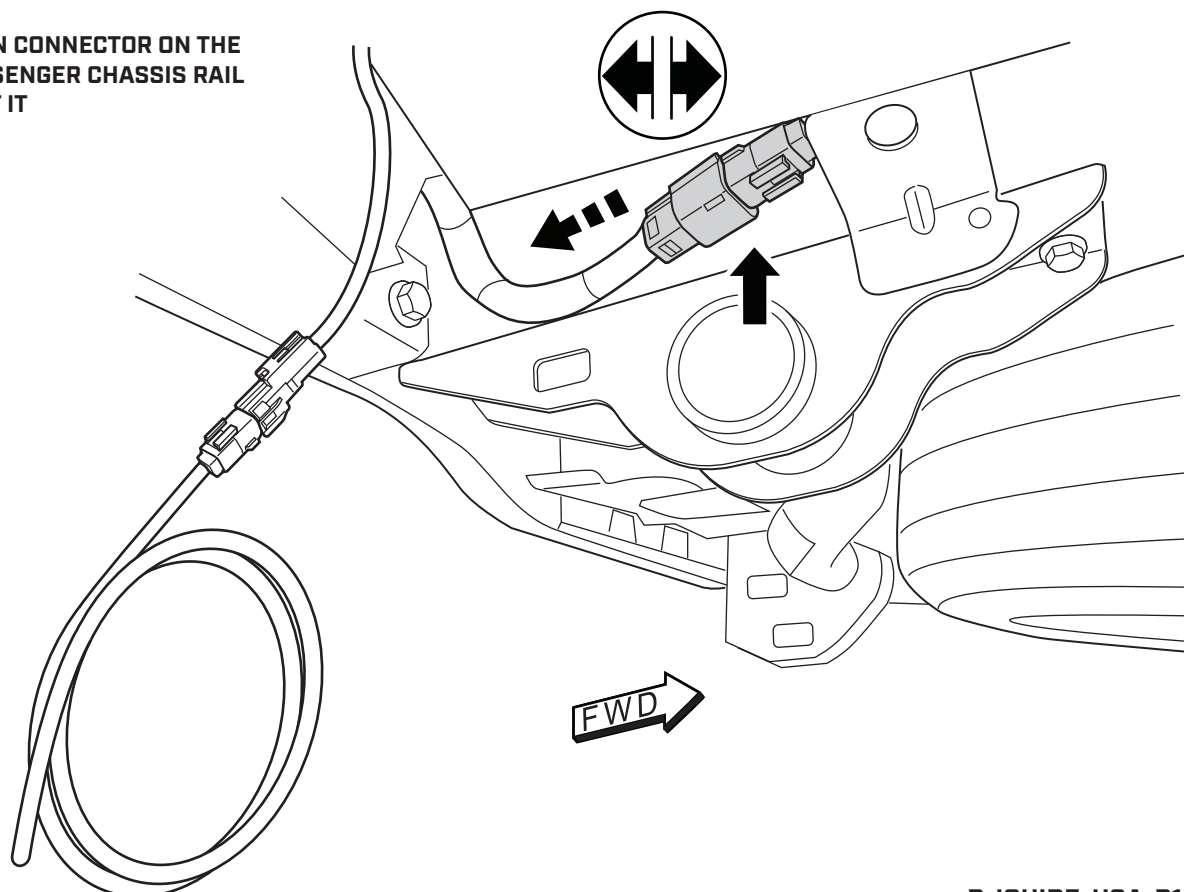
STEP 27

CONNECT THE T-HARNESS TO THE 2-PIN CONNECTOR AT THE END OF THE BRAKE LIGHT EXTENSION HARNESS



STEP 28

LOCATE THE 4-PIN CONNECTOR ON THE SIDE OF THE PASSENGER CHASSIS RAIL AND DISCONNECT IT

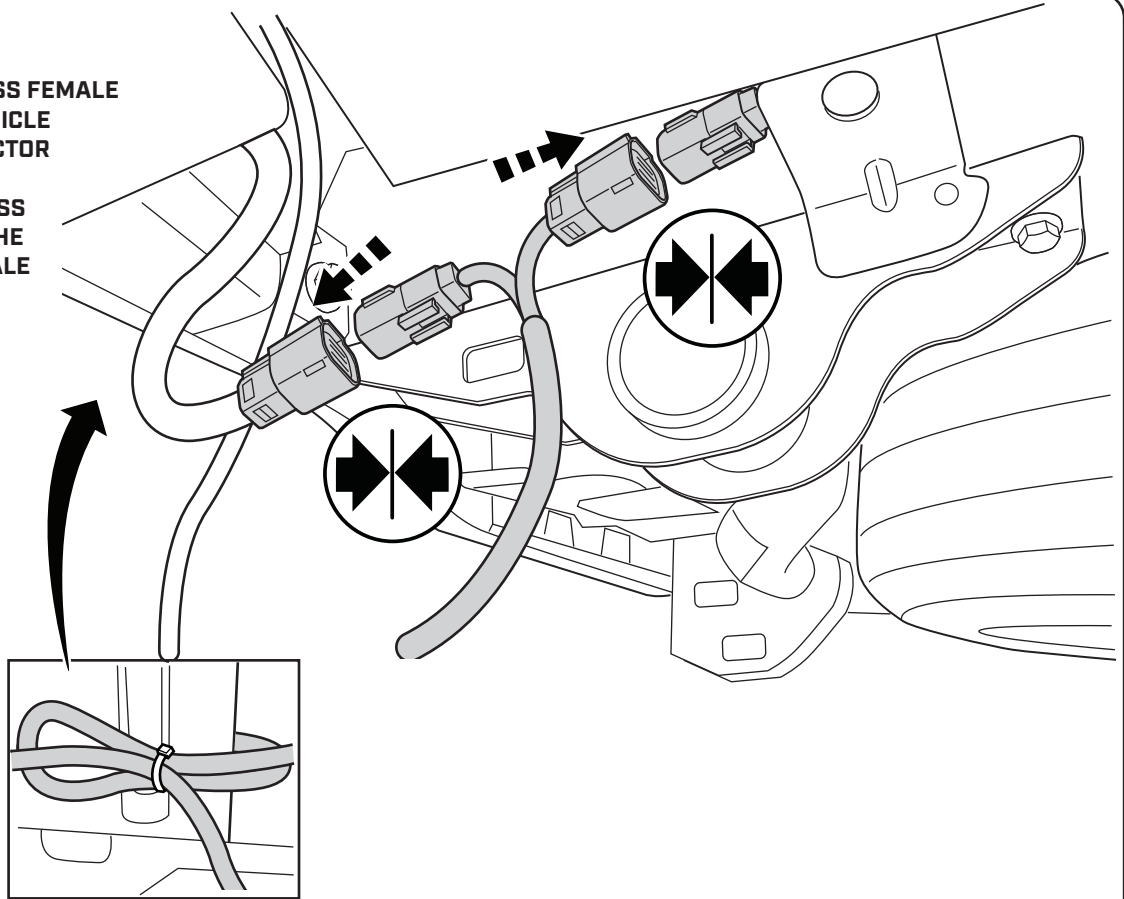


STEP 29

CONNECT THE T-HARNESS FEMALE CONNECTOR TO THE VEHICLE HARNESS MALE CONNECTOR

CONNECT THE T-HARNESS MALE CONNECTOR TO THE VEHICLE HARNESS FEMALE CONNECTOR

BUNDLE THE EXTRA T-HARNESS LENGTH UNDER THE VEHICLE AND SECURE WITH CABLE TIES.



STEP 30

START THE TRUCK. NOTE THAT ON SOME MODELS, IT MAY TAKE UP TO 30 SECONDS FOR THE VEHICLE TO DETECT THE NEW CONNECTION. CHECK THE BRAKE LIGHTS AND TURN SIGNALS TO BE SURE THEY ARE FUNCTIONING PROPERLY.

ONCE YOU HAVE CONFIRMED THAT THE LIGHTS ARE WORKING CORRECTLY, SECURE THE HARNESS WITH CABLE TIES. **BE SURE NOT TO INTERFERE WITH ANY MOVING PARTS ON THE VEHICLE.**



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

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