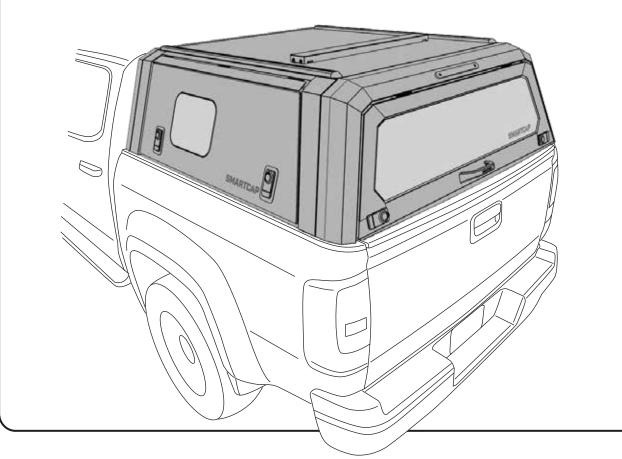
#### **SMARTCAP**°

# — INSTRUCTION GUIDE — GM CANYON/COLORADO EDITION

2023-CURRENT (3rd Generation)



- PREPARE A CLEAN WORK AREA.
- ▼ WE RECOMMEND A MINIMUM OF 2 PEOPLE FOR ASSEMBLY AND 4 PEOPLE FOR INSTALLATION.
- ▼ 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.

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#### **TOOLS REQUIRED**









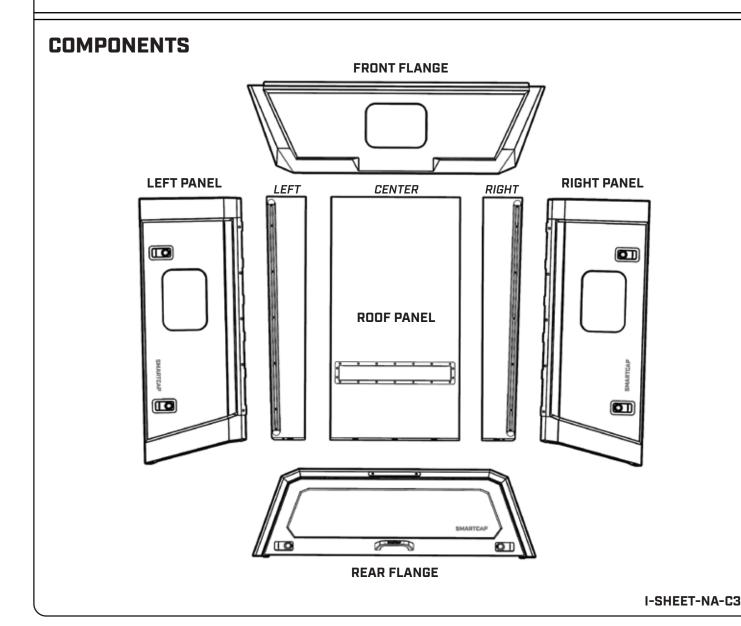






#### **IMPORTANT**

- **▼** 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.



#### **ASSEMBLY HARDWARE**

#### **FITMENT KIT--**

M6 BOLT



42X

FASTENER BLOCK CLAMP



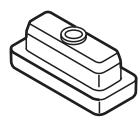
42X

M6 LOCK WASHER



42X

FASTENER BLOCK



42X

D - RUBBER



1X

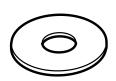
**SPARE PARTS** 







M6 FENDER WASHER

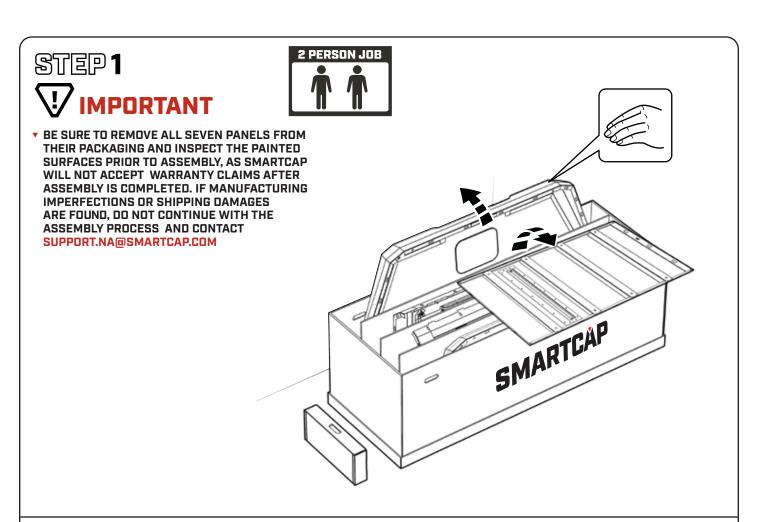


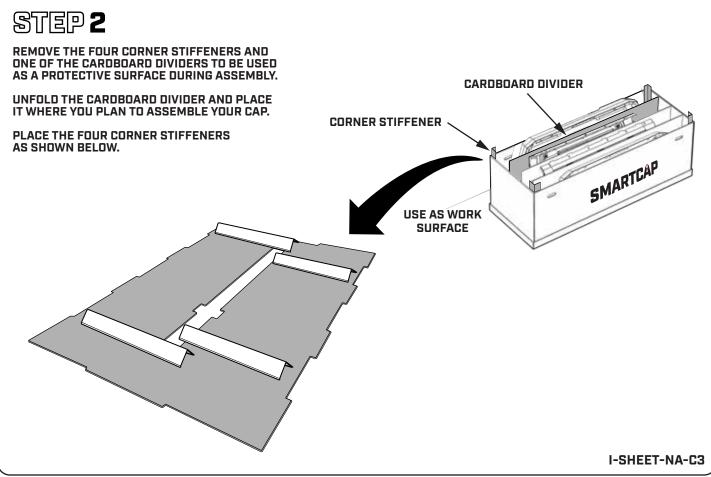
10X

M6 LOCK NUT



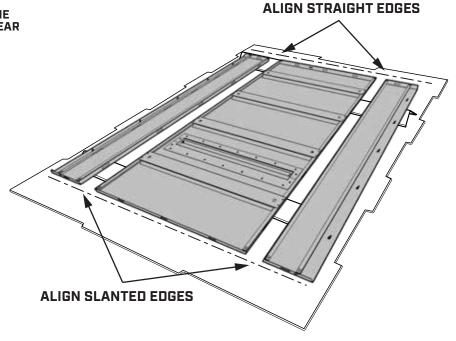
10X

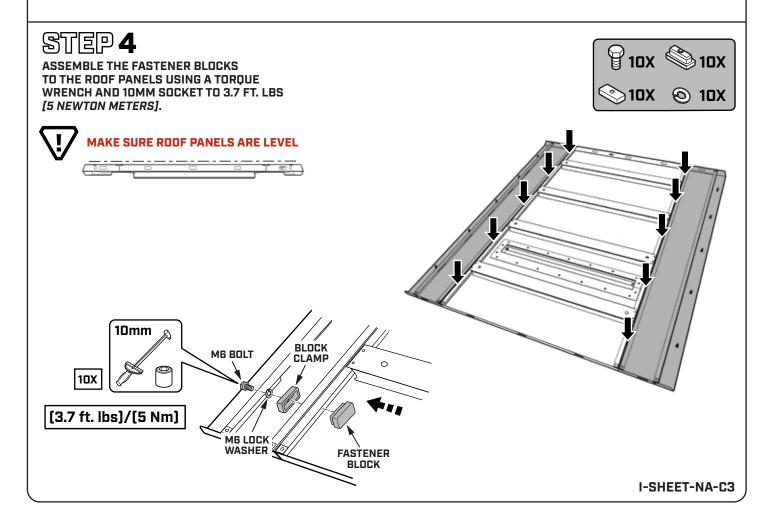




PLACE THE ROOF PANELS ON TOP OF THE CORNER STIFFENERS, WITH THE BOTTOM OF THE ROOF PANELS FACING UP.

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

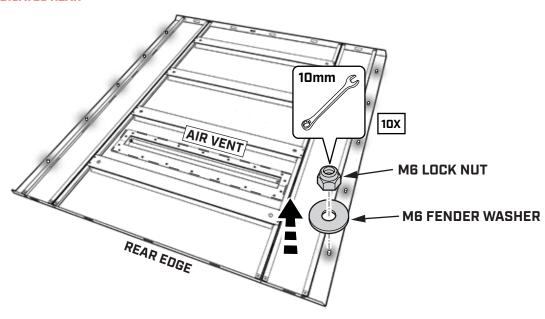


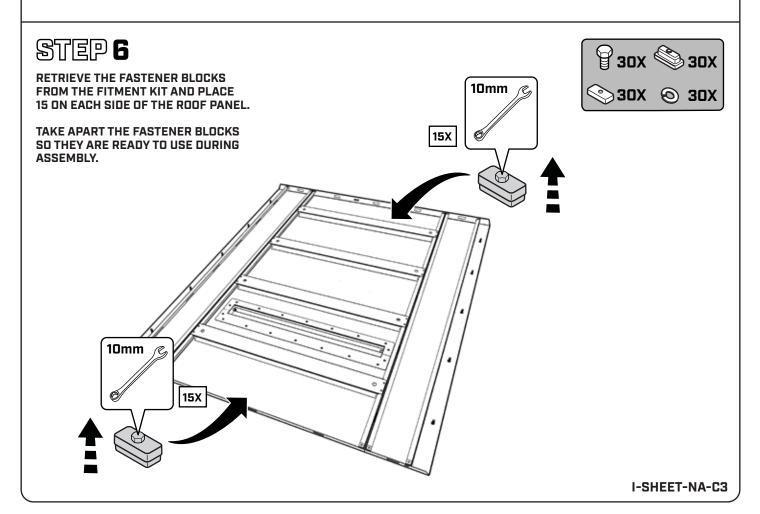


USE A 10MM COMBINATION WRENCH TO REMOVE THE LOCK NUTS AND FENDER WASHERS FROM THE ROOF BOLTS AND SAVE FOR REUSE.



**AIR VENT INDICATES REAR** 





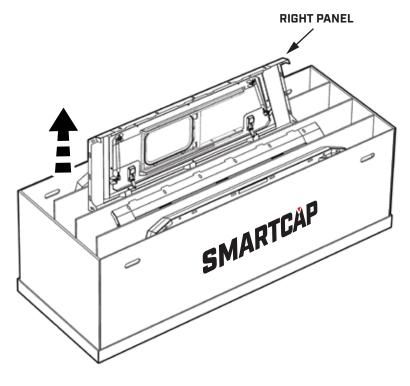
LOCATE THE RIGHT PANEL IN THE SMARTCAP PACKAGE AND BRING IT TO YOUR WORK AREA.

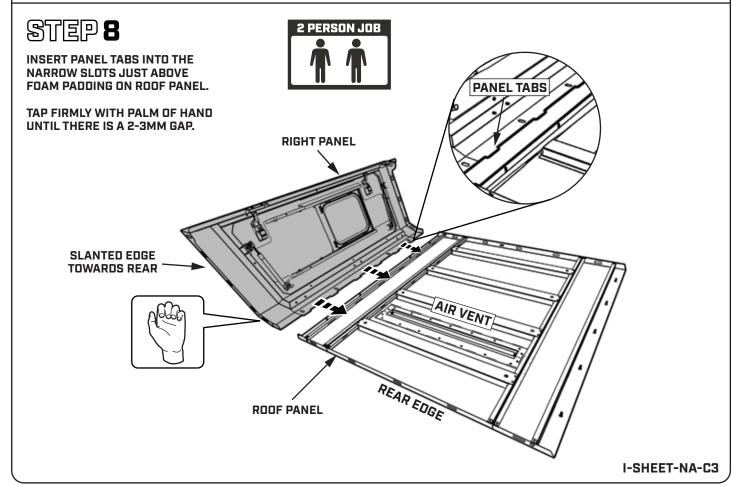


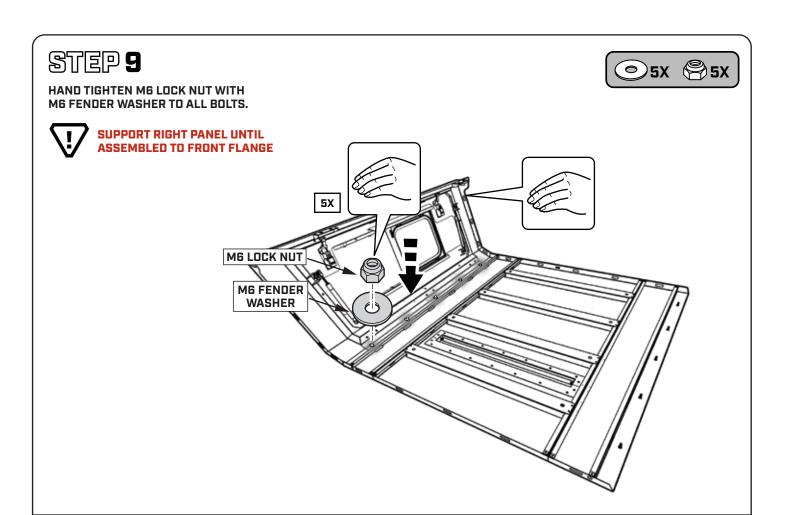


**SLANTED EDGE INDICATES REAR** 





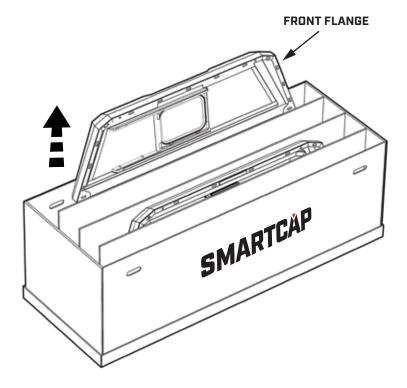






LOCATE THE FRONT FLANGE IN THE SMARTCAP PACKAGE AND BRING IT TO YOUR WORK AREA.

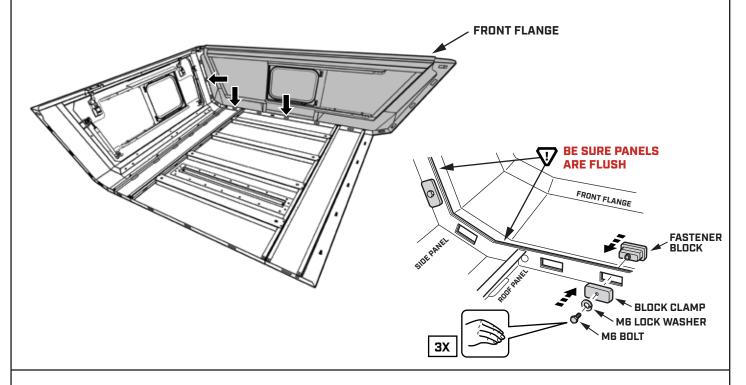




PLACE FRONT FLANGE AS SHOWN BELOW.

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





**2 PERSON JOB** 

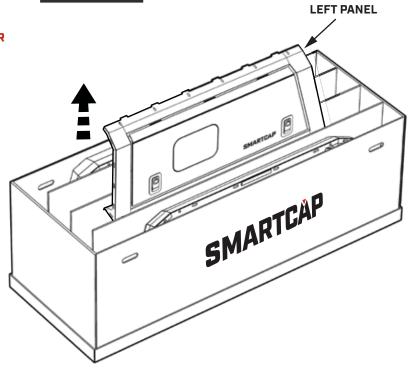
# STEP 12

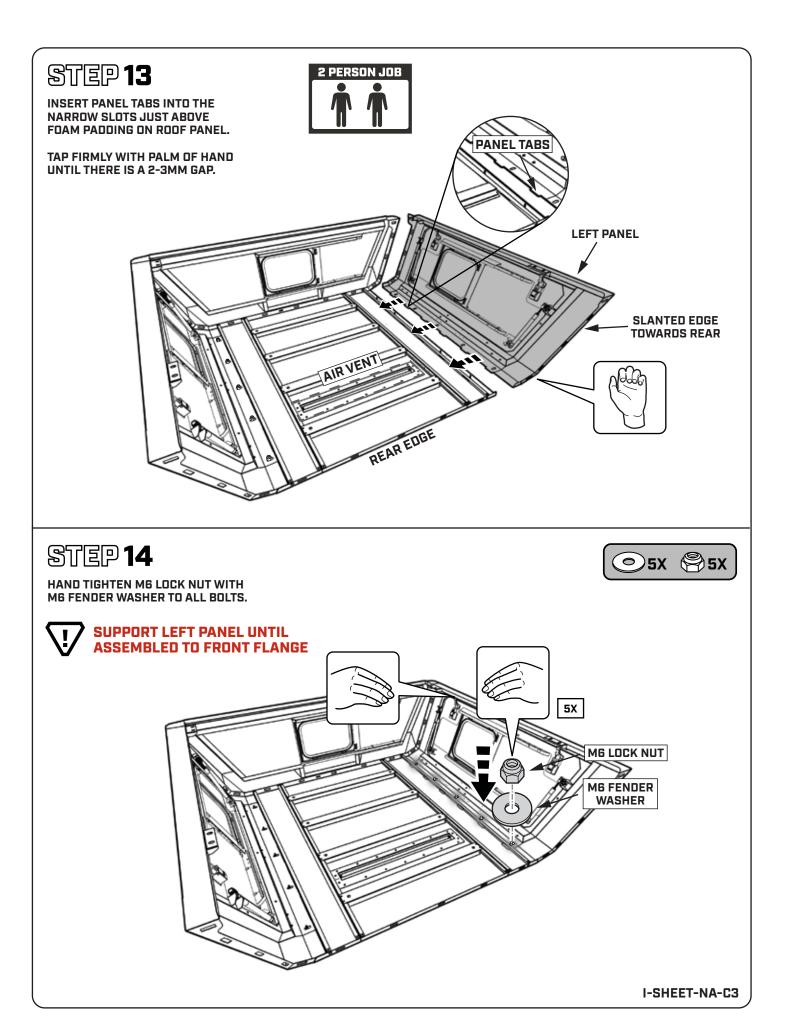
LOCATE THE LEFT PANEL IN THE SMARTCAP PACKAGE AND BRING IT TO YOUR WORK AREA.



**SLANTED EDGE INDICATES REAR** 





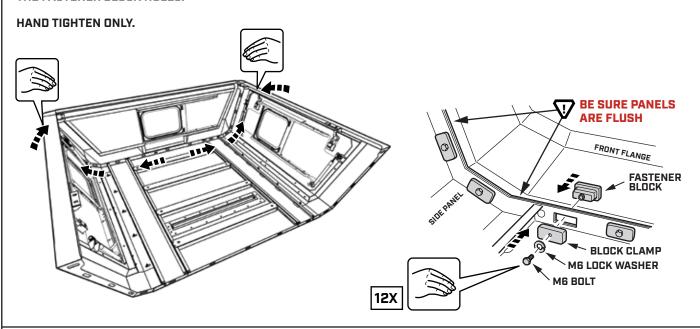


INSTALL HARDWARE ALONG FRONT FLANGE WITH BOLT ON INSIDE.



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

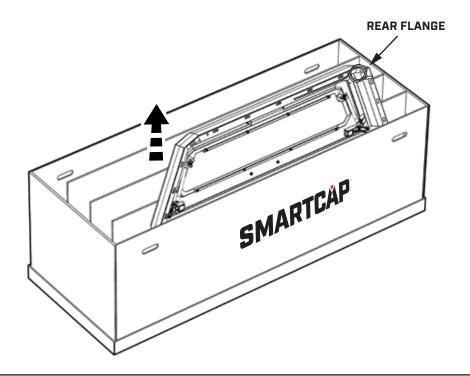
ADJUST LEFT AND RIGHT PANELS TO ALIGN THE FASTENER BLOCK HOLES.



# STEP 16

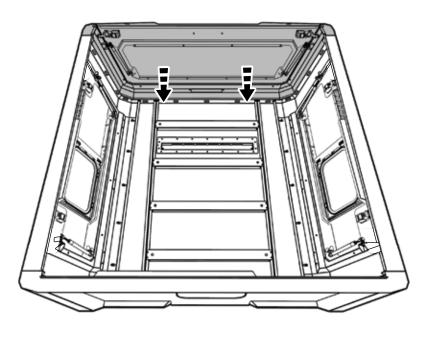
LOCATE THE REAR FLANGE IN THE SMARTCAP PACKAGE AND BRING IT TO YOUR WORK AREA.





PLACE REAR FLANGE AS SHOWN BELOW.





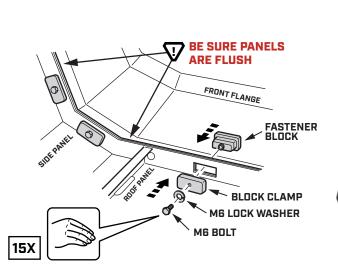
## STEP 18

INSTALL HARDWARE ALONG REAR FLANGE WITH BOLT ON INSIDE.

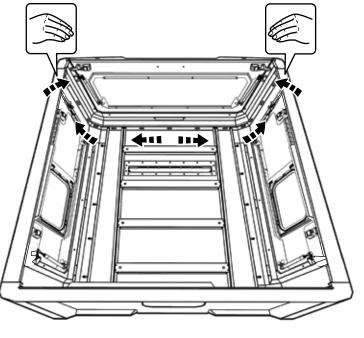
START AT CENTER OF THE REAR FLANGE AND WORK YOUR WAY OUTWARDS.

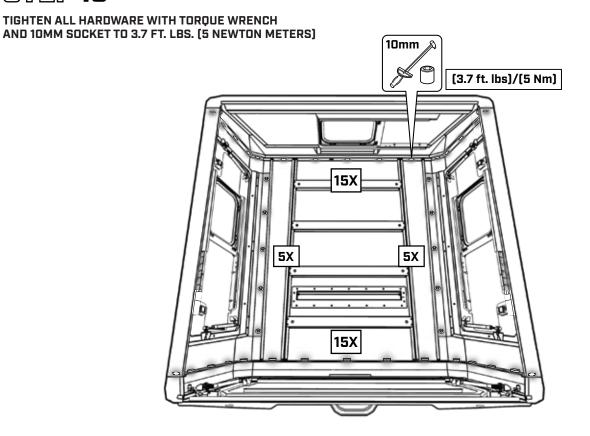
ADJUST LEFT AND RIGHT PANELS TO ALIGN THE FASTENER BLOCK HOLES.

HAND TIGHTEN ONLY.





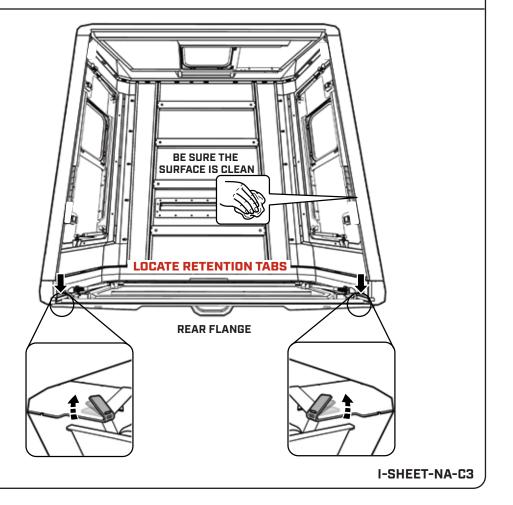




# STEP 20

ENSURE THE ENTIRE BOTTOM EDGE OF THE SMARTCAP IS CLEAN.

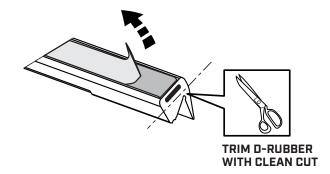
LOCATE BOTH RETENTION TABS ON THE REAR FLANGE AND BEND EACH TO A 45-DEGREE ANGLE FOR D-RUBBER FITMENT.

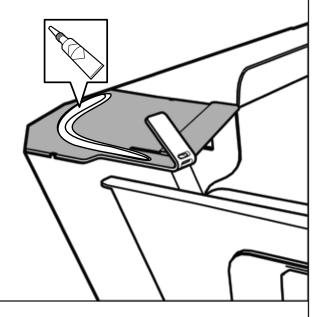


TRIM THE D-RUBBER WITH A CLEAN, STRAIGHT CUT.

1X

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

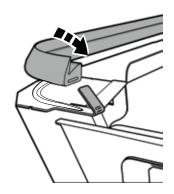


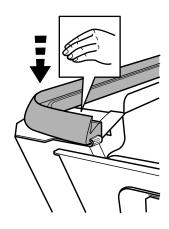


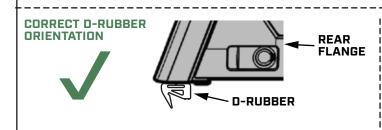
## STEP 22

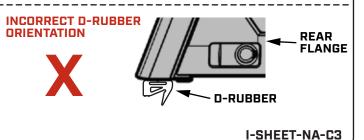
FULLY INSERT THE RETENTION TAB INTO THE SLOT ON THE D-RUBBER. ENSURE THE D-RUBBER IS ORIENTED CORRECTLY WITH ITS PROFILE MATCHING THE CONTOUR OF THE REAR FLANGE.

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









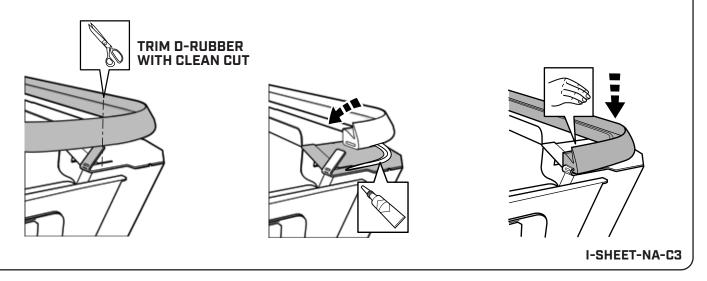
## **STEP 23** ALIGN THE D-RUBBER ALONG THE **REINFORCE CORNERS SMARTCAP'S EDGE, MAINTAINING** WITH GEL SUPER GLUE A CONSISTENT 1/8 INCH GAP FROM THE EDGE. START FROM ONE CORNER AND WORK YOUR WAY AROUND THE CAP TO ENSURE PROPER PLACEMENT AND ALIGNMENT. **APPLY 2-3 INCHES OF GEL SUPER GLUE** AT THE FRONT CORNERS OF THE SMARTCAP, ALONG THE BOTTOM EDGE OF THE FRONT FLANGE. **1/8 INCH** FROM EDGE

# **STEP 24**

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

APPLY 2-3 INCHES OF GEL 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.



#### **INSTALLATION HARDWARE**

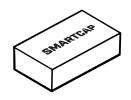
#### **MOUNTING BRACKETS**





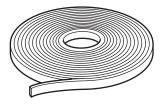
FRONT BRACKETS (LONG) LEFT AND RIGHT

#### THICK RUBBER PAD





#### **5mm FOAM SEAL TAPE**



1X

## M10 BUTTON BOLT





## M10 LOCK WASHER





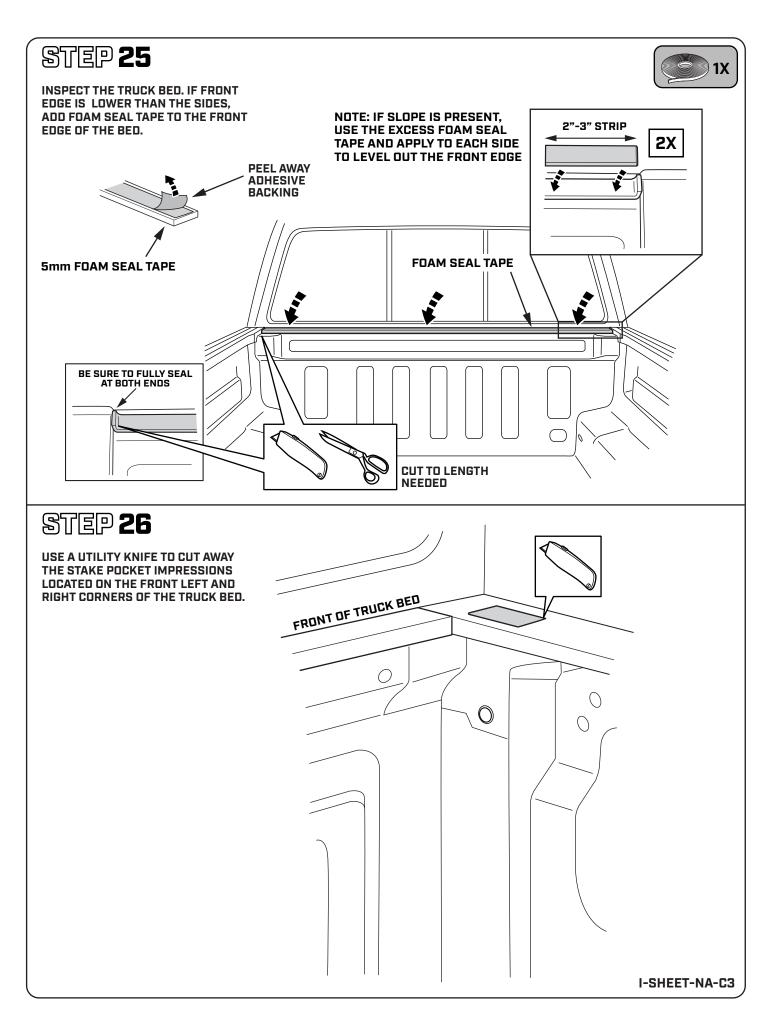
### M10 FENDER WASHER

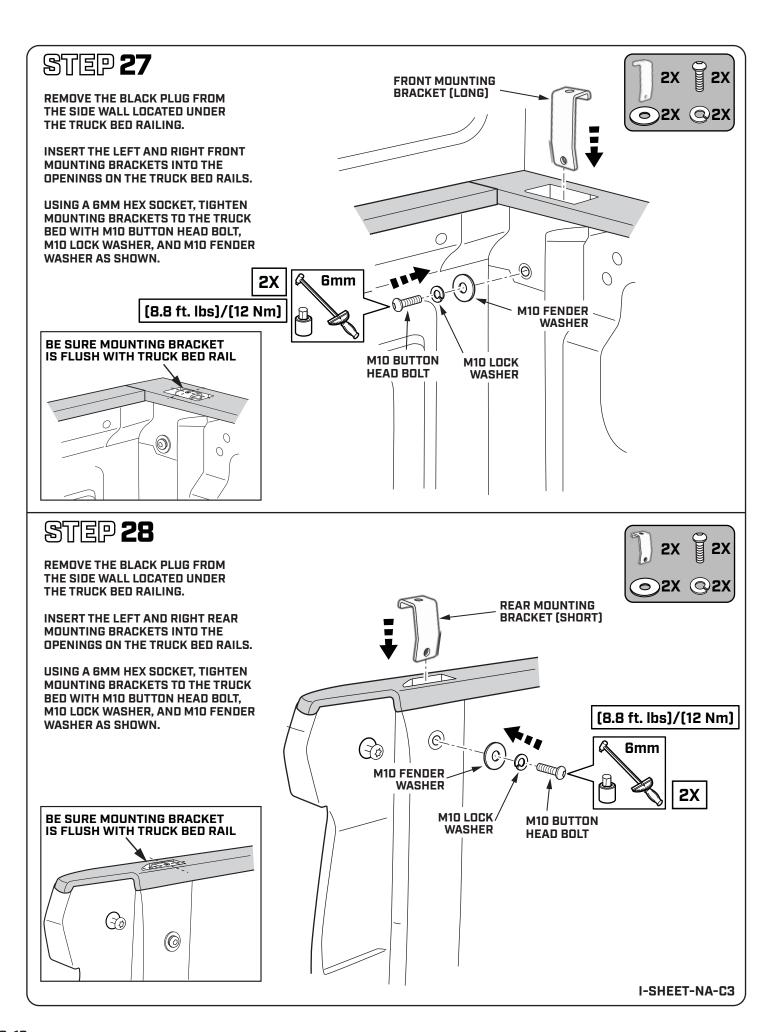


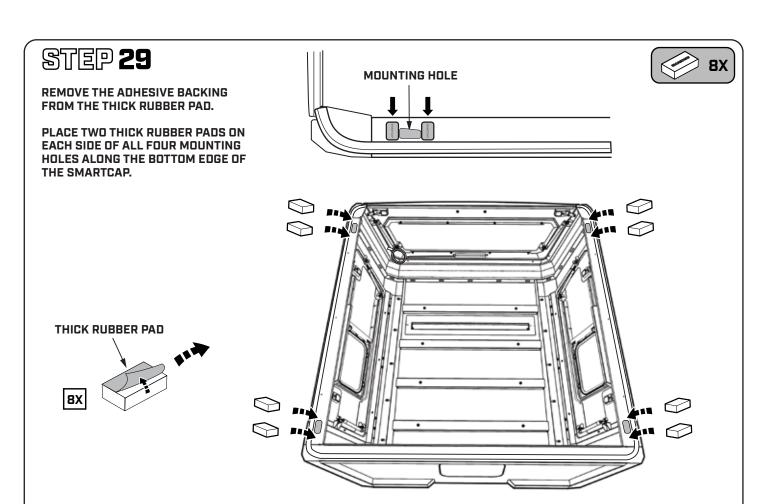


# **W** IMPORTANT

- ▼ 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.



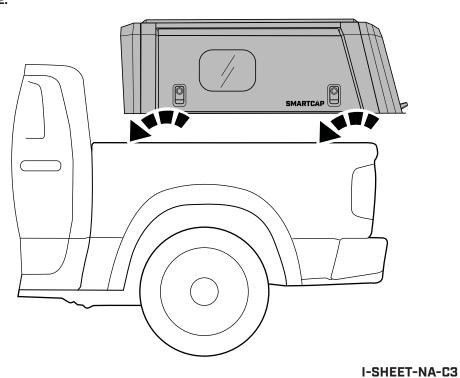




USE 4 PEOPLE TO LIFT THE ASSEMBLED SMARTCAP ONTO THE TRUCK BED.

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

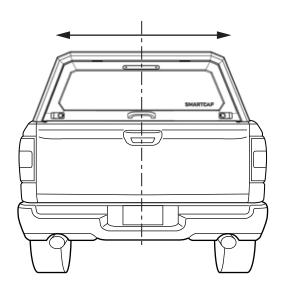


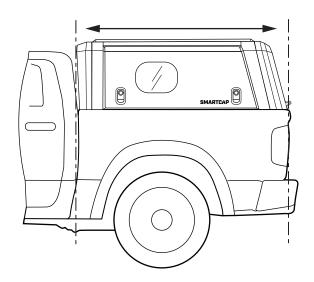


CHECK THAT THE SMARTCAP IS PROPERLY POSITIONED AND CENTERED ON THE TRUCK BED.



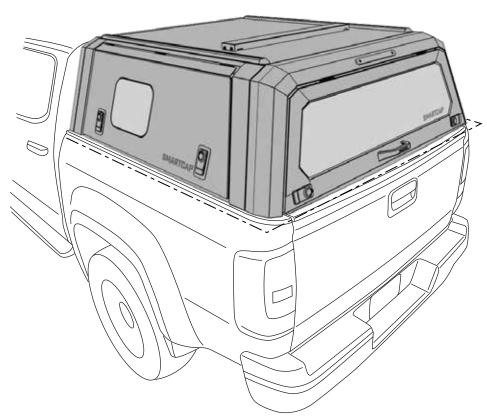
IT'S IMPORTANT THAT THE SMARTCAP IS NOT PUSHED TOO FAR FORWARD, LEAVING A GAP BETWEEN THE SMARTCAP AND THE CAB.



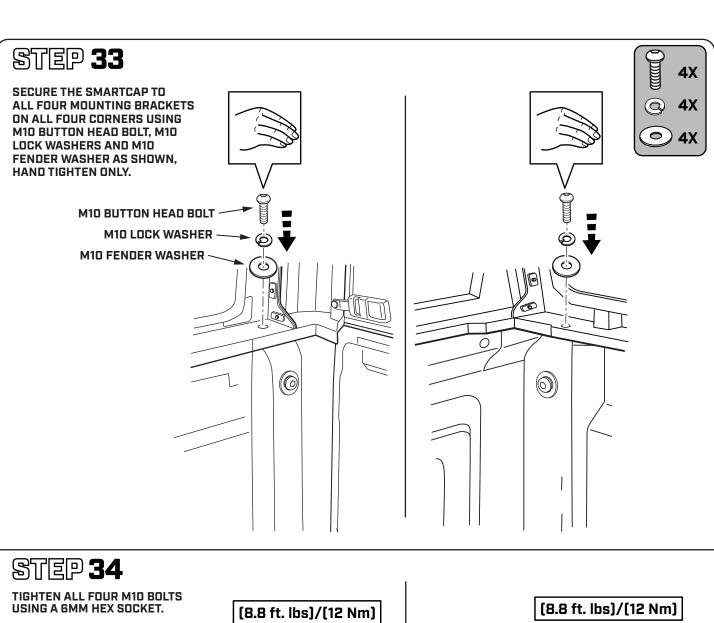


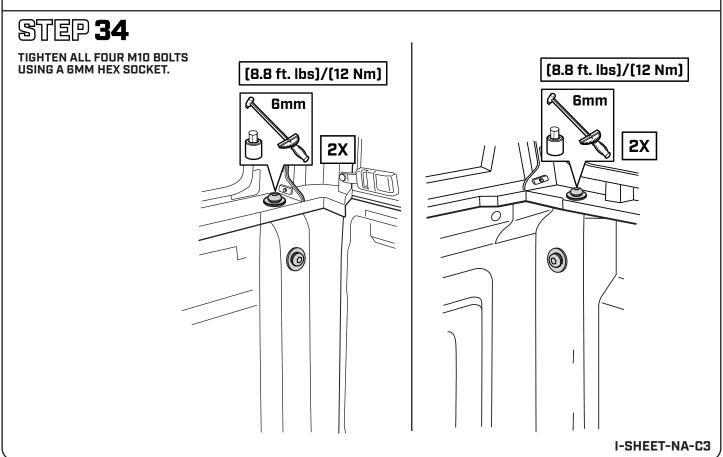
## STEP 32

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.

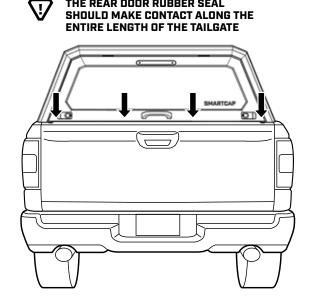




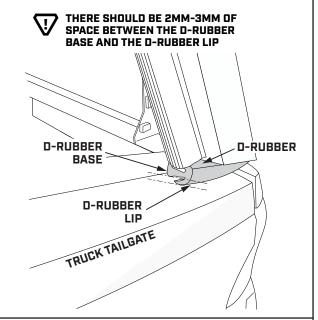
ONCE YOU HAVE FULLY TIGHTENED ALL FASTENERS, YOU WILL NEED TO CONFIRM CORRECT FITMENT OF THE CAP BY CHECKING THE RUBBER SEAL LOCATED ON THE REAR DOOR AS WELL AS THE D-RUBBER.

THE RUBBER SEAL SHOULD MAKE CONTACT WITH THE TAILGATE WITH ZERO **GAP BETWEEN THE TWO.** 

THE D-RUBBER SHOULD MAKE CONTACT WITH THE TAILGATE WITHOUT IMPOSING ON THE OPERATION OF THE TAILGATE.



THE REAR DOOR RUBBER SEAL

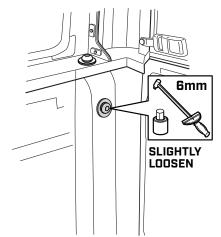


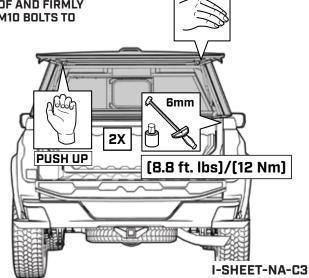
#### STEP 36

TO ADJUST THE FITMENT OF THE CAP. SLIGHTLY LOOSENING THE M10 BOLTS FOR THE REAR MOUNTING BRACKETS.

IF THERE IS A GAP BETWEEN THE RUBBER SEAL AND THE TAILGATE, GRAB THE CAP NEAR THE ROOF AND FIRMLY PRESS DOWN ON THE SMARTCAP. WHILE PRESSING DOWNWARDS, TIGHTEN THE M10 BOLTS TO THE REQUIRED TORQUE SPEC OF (8.8 ft. lbs)/(12 Nm).

IF THE TAILGATE IS DIFFICULT TO OPEN, GRAB THE CAP NEAR THE ROOF AND FIRMLY PUSH THE CAP UPWARDS. WHILE PUSHING UPWARDS, TIGHTEN THE M10 BOLTS TO THE REQUIRED TORQUE SPEC OF (8.8 ft. lbs)/(12 Nm).





**PRESS DOWN** 

#### THIRD BRAKE LIGHT HARDWARE



#### **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.

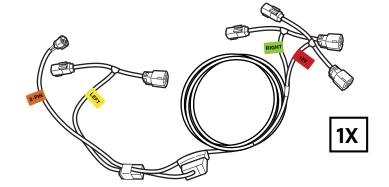
STEP 37-42

GM COLORADO (2023)



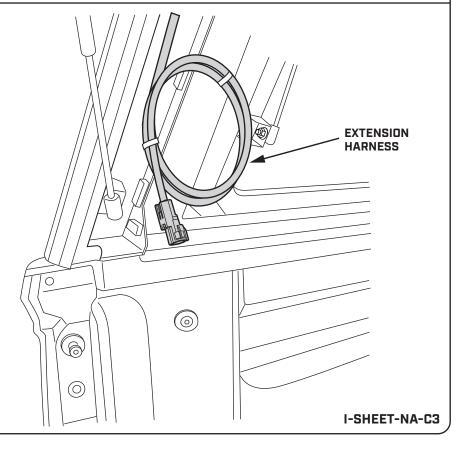
STEP 43-54

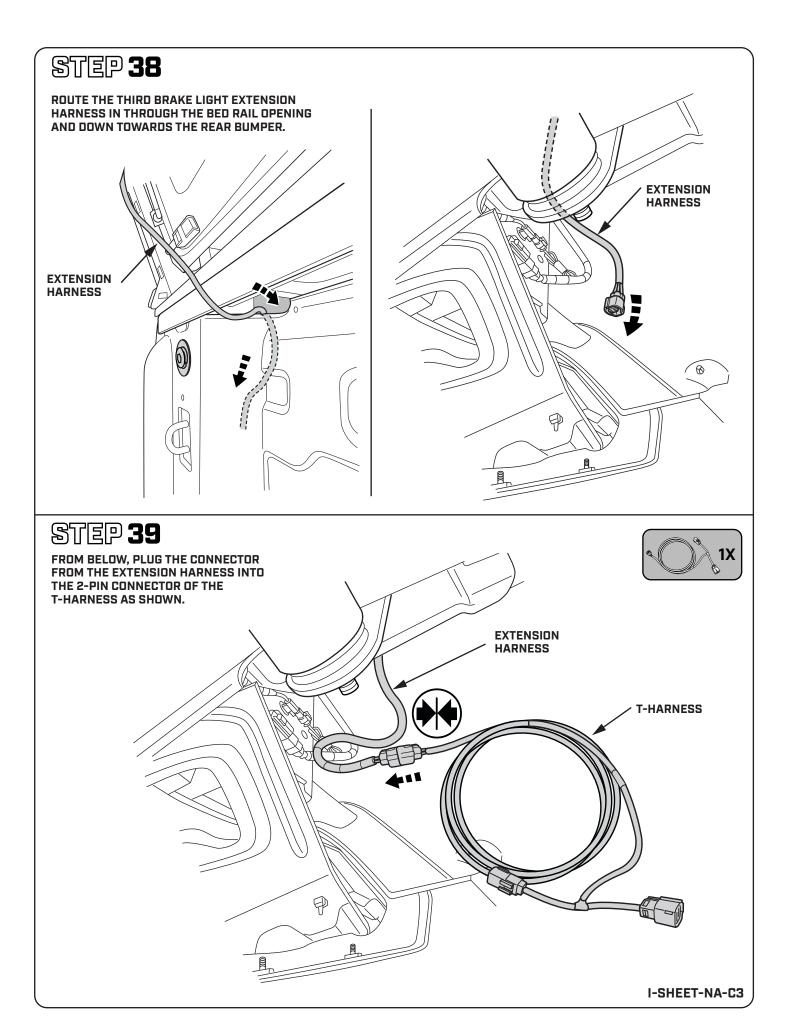
GM CANYON (2023)

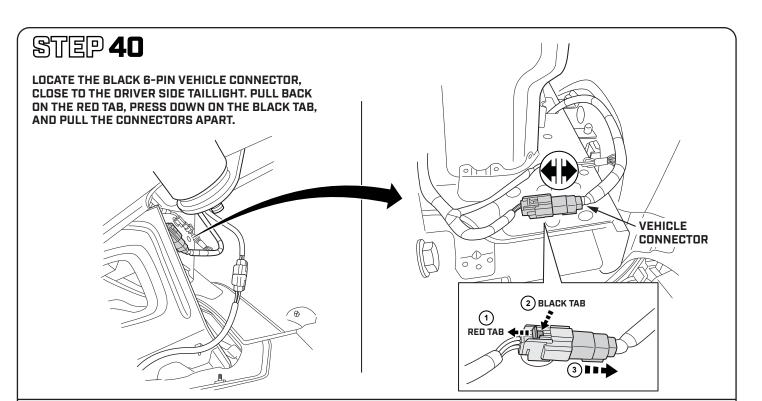


STEP 37

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

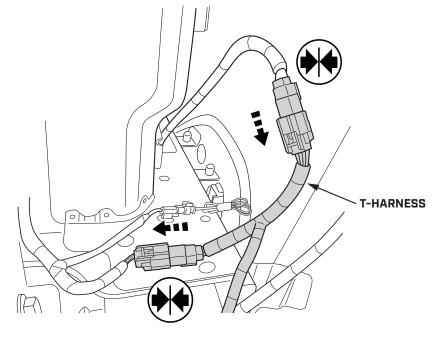






CONNECT THE T-HARNESS FEMALE CONNECTOR TO THE VEHICLE HARNESS MALE CONNECTOR.

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



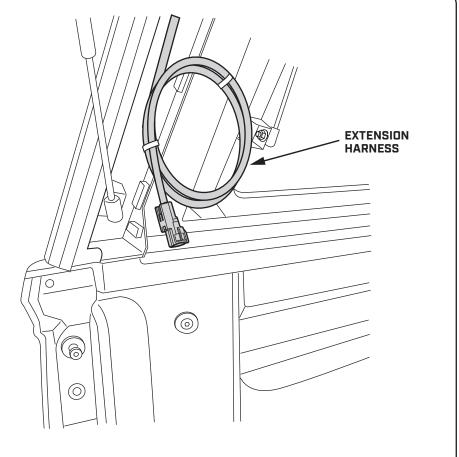
## **STEP 42**



## **TEST YOUR BRAKE LIGHTS & TURN SIGNALS**

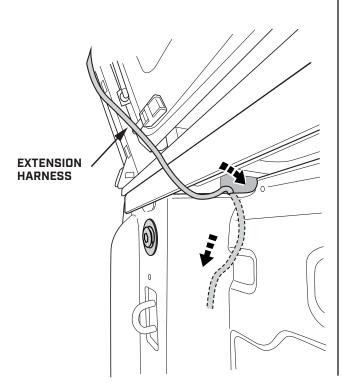
- ▼ START THE TRUCK. SOME MODELS MAY TAKE UP TO 30 SECONDS FOR THE VEHICLE TO DETECT THE NEW CONNECTION.
- ▼ CHECK THE BRAKE LIGHTS AND TURN SIGNALS TO BE SURE THEY ARE FUNCTIONING PROPERLY.
- ▼ ONCE YOU HAVE CONFIRMED THAT THE LIGHTS ARE WORKING CORRECTLY, SECURE THE HARNESS WITH
- **▼** BE SURE NOT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

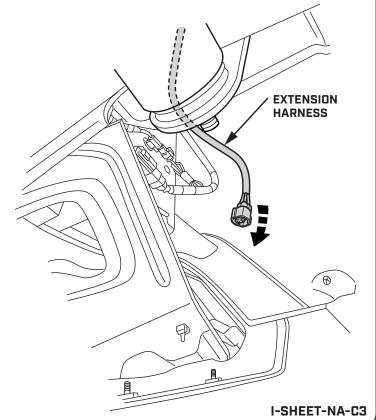
UNTIE THE THIRD BRAKE LIGHT EXTENSION HARNESS FROM WHERE IT IS ATTACHED TO THE SMARTCAP AT THE LEFT REAR CORNER.

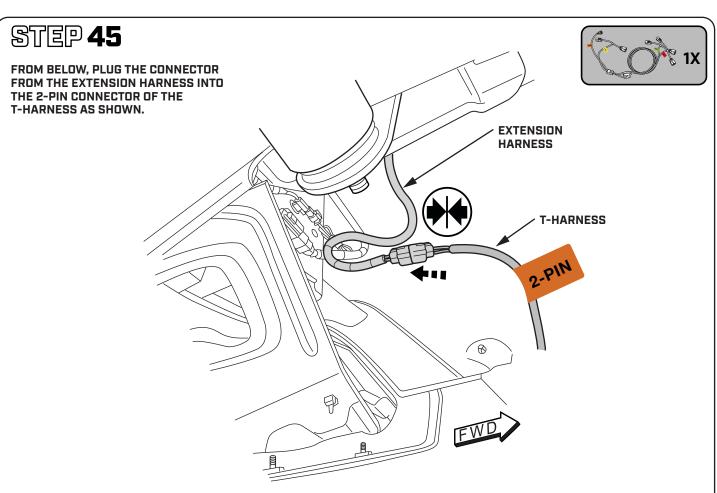


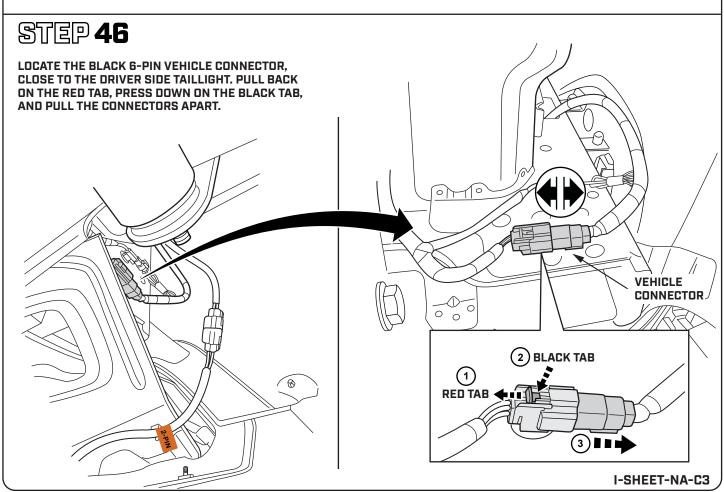
# STEP 44

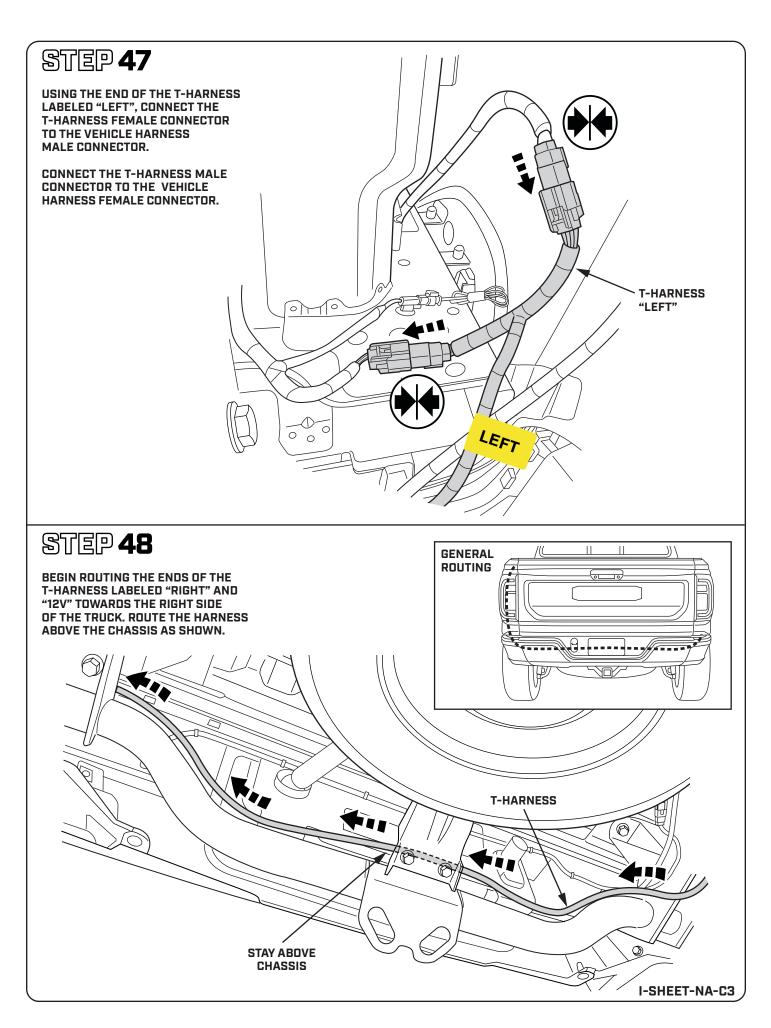
ROUTE THE THIRD BRAKE LIGHT EXTENSION HARNESS IN THROUGH THE BED RAIL OPENING AND DOWN TOWARDS THE REAR BUMPER.

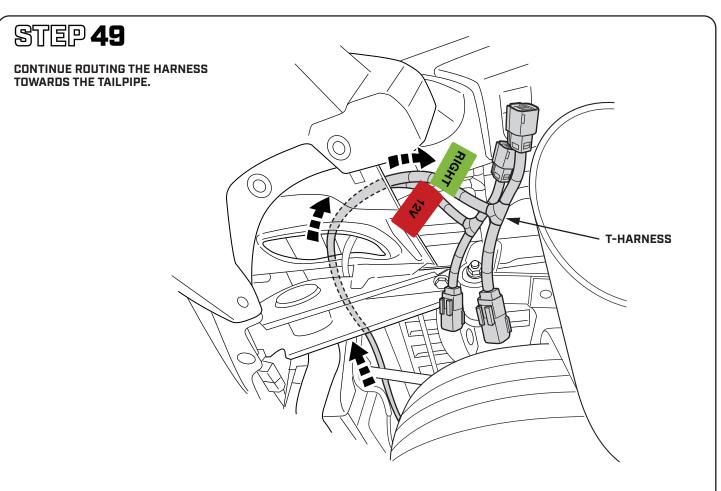


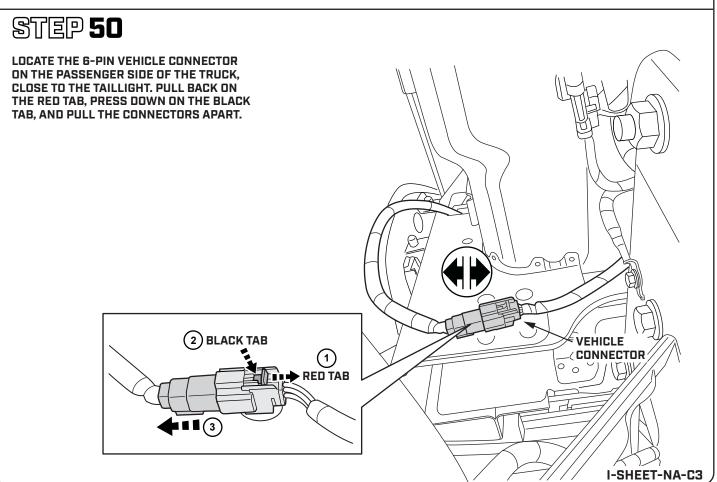


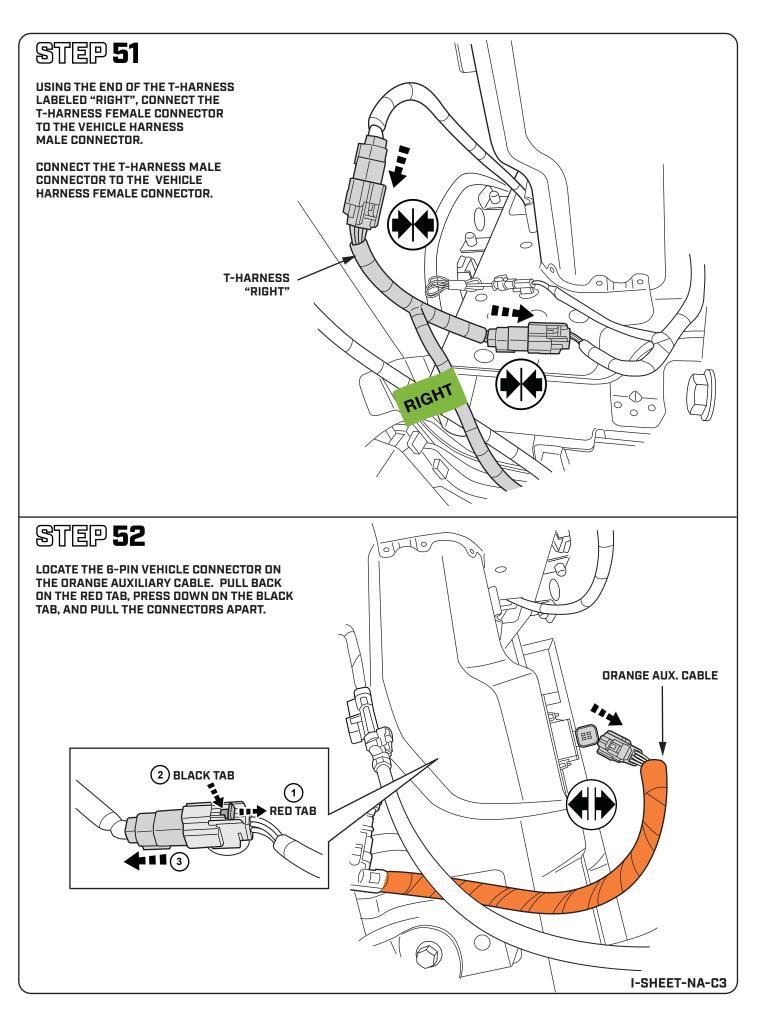






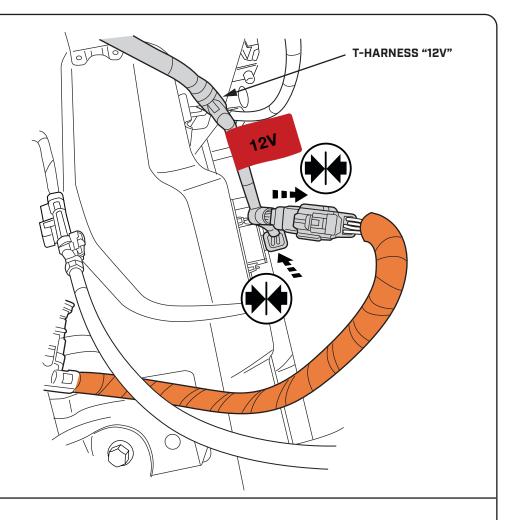






USING THE END OF THE T-HARNESS LABELED "12V", CONNECT THE T-HARNESS FEMALE CONNECTOR TO THE VEHICLE HARNESS MALE CONNECTOR.

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



#### **STEP 54**



#### TEST YOUR BRAKE LIGHTS & TURN SIGNALS

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



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

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