HAMER
4x4 ACCESSORIES

INSTALLATION MANUAL
NIGHT FURY SERIES SPORT BAR
SB2000

PRODUCT NUMBER : SB2000

PRODUCT DESCRIPTION : NIGHT FURY SERIES SPORT BAR

VEHICLE MODELS : ALL MODELS

WARNING

- WE HIGHLY RECOMMEND READING THROUGH THIS ENTIRE INSTALLATION MANUAL BEFORE PERFORMING FITMENT
- ENSURE TO DISCONNECT NEGATIVE POLE ON BATTERY TO AVOID SYSTEM ERROR
- WHILST WORKING ON THIS PRODUCT, ALWAYS USE APPROPRIATE SAFETY EQUIPMENT
- CHECK THE PARTS SUPPLIED AGAINST THE PROVIDED PART LIST BEFORE STARTING THE FITMENT
- ENSURE ALL FASTENERS ARE TIGHTENED TO THE SPECIFIED TORQUE SETTING PROVIDED BELOW

NOTE

- AFTER INSTALLATION, IF AN ERROR MESSAGE IS SHOWN ON THE DASHBOARD, BOTH FRONT & REAR TECH PACK AND PARKING SENSORS HAVE TO BE RECALIBRATED AND CAREFULLY CHECKED TO ENSURE IT IS FUNCTIONING PROPERLY.
- BUYER WILL HAVE TO PERFORM RECALIBRATION AT HIS/HER OWN COST. HAMER WILL NOT BE RESPONSIBLE FOR ANY COST INVOLVED WITH RECALIBRATION OF THE VEHICLE'S SYSTEM **

FASTENER TORQUE GUIDE

BOLTS	3/8	M10	M8
TORQUE (N.m.)	20	25	15

CARE AND MAINTENANCE

THANK YOU FOR CHOOSING OUR HAMER4x4 PROCUCT, WE ARE EXCITED TO HAVE YOU ON BOARD! TO ENSURE THAT YOUR SPORT BAR IS AT THE ORIGINAL CONDITION, IT IS VERY IMPORTANT TO REGULARLY MAINTAIN IT FOLLOWING THESE RECOMMENDATIONS.

- REGULAR VISUAL INSPECTION OF THE SPORT BAR IS HIGHLY RECOMMENDED. MAKING SURE THAT ALL THE FASTENERS ARE TORQUED TO THE CORRECT SPECIFICATION.
- CHECK ALL THE WIRING HARNESSES, CONNECTORS ARE FREE OF DAMAGE. AND ALL ELECTRONIC FUNCTIONS ARE PROPERLY WORK.
- WASH REGULARLY USING PH NEUTRAL CAR WASH OR FOLLOWING EXPOSURE TO SALT, MUD, SAND, OR OTHER CONTAMINANTS.
- DO NOT USE ANY ACIDIC OR ALKALINE CLEANERS ON BOTH METAL AND PLASTIC COMPONENTS

TIME REQUIRED

- 1-2 HOUR FOR SPORT BAR INSTALL
- 1 HOUR FOR WIRING LIGHTS

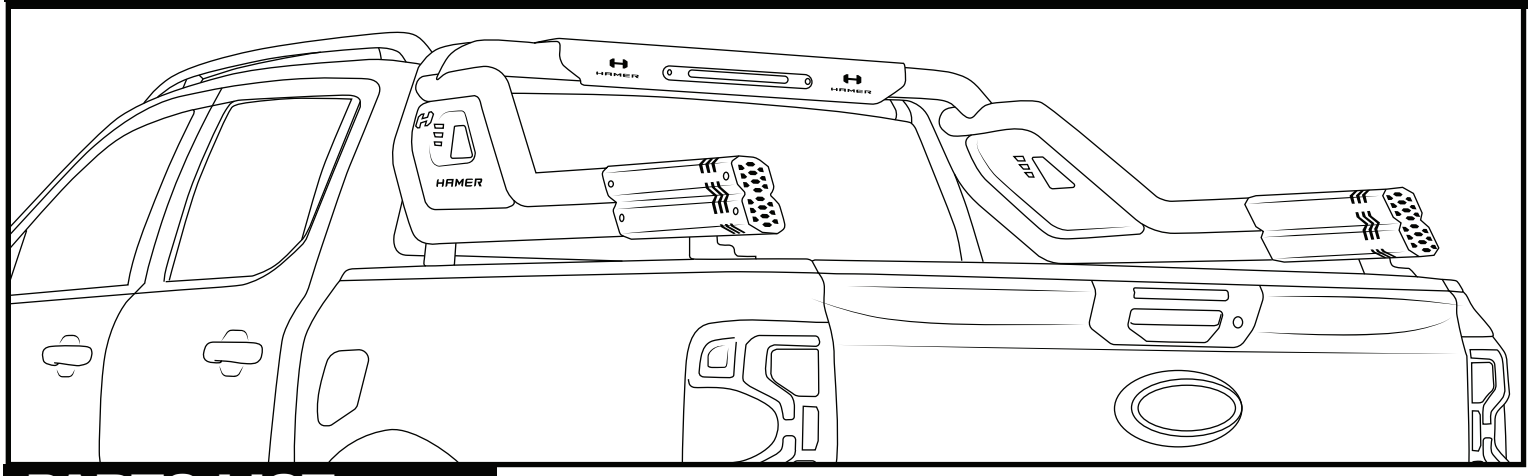
*MINIMUM OF 2 PERSONS IS REQUIRED FOR BEST RESULT

TOOLS REQUIRED

- METRIC SPANNER SET
- METRIC SOCKET SET
- SCREWDRIVER SET
- ALLEN WRENCHES SET
- RATCHATES
- PLIERS
- TORX KEY SET
- UTILITY KNIFE
- ELECTRIC DRILL AND DRILL BITS
- ELECTRIC / AIR DRIVER (OPTIONAL)
- PANEL STAND
- MEASURING TAPE
- MASKING TAPE
- CABLE TIES
- BLACK COLOUR SILICONE

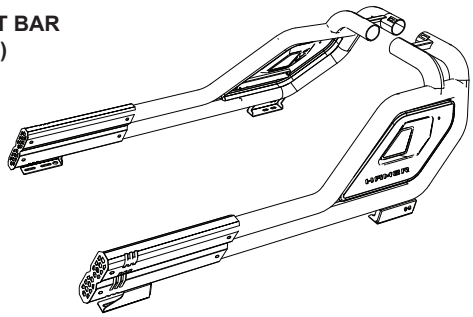
HAMER
4x4 ACCESSORIES

PART LIST
NIGHT FURY SERIES SPORT BAR
SB2000

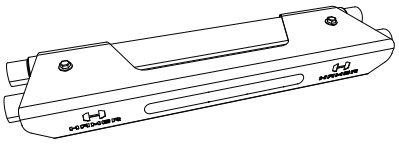


PARTS LIST

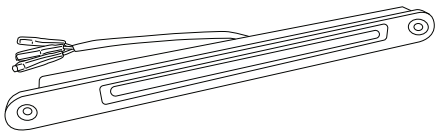
SB2000 SPORT BAR
(LH/RH)



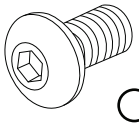
HAMER MIDDLE TUBES
WITH UPPER PLATE



HAMER BRAKE LIGHT &
REVERSE LIGHTS

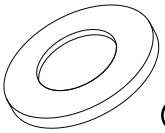


BUTTON HEAD SOCKET
BOLTS M8x20
(4 PCS.)

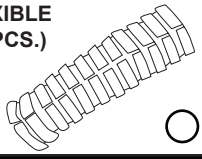


SPRING WASHER
M8 (4 PCS.)

WASHER M8
(4 PCS.)

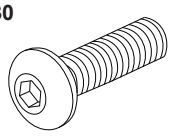


PLASTIC FLEXIBLE
PIPE 1 M. (2 PCS.)

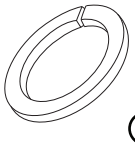


FOR ALL OTHER MODELS

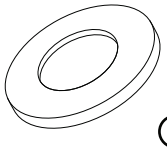
BUTTON HEAD SOCKET
BOLTS M10x30
(6 PCS.)



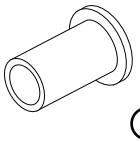
SPRING WASHER
M10 (6 PCS.)



WASHER M10
(6 PCS.)

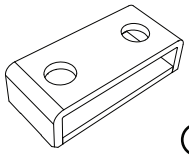


M10 RIVET NUTS
(6 PCS.)

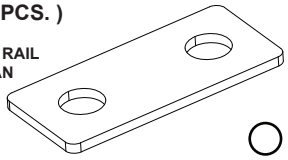


FOR FORD RANGER 2022+/FORD RANGER RAPTOR 2022+/VOLKSWAGEN AMAROK 2023+

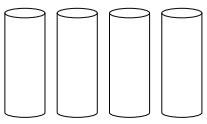
SPACER (4 PCS.)
FOR FORD RANGER /
RAPTOR 2022+ TUB SIDE RAIL
TRIM COVER THAT HAS AN
OPENING ONLY



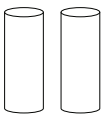
SPACER PLATE (2 PCS.)
FOR FORD RANGER /
RAPTOR 2022+ TUB SIDE RAIL
TRIM COVER THAT HAS AN
OPENING ONLY



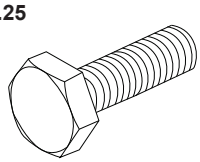
CRUSH TUBE 16x24 mm. (4 PCS.)
FOR FORD RANGER /
RAPTOR 2022+
FULL SIDE TUB SIDE
RAIL ONLY



CRUSH TUBE 16x19 mm. (2 PCS.)
FOR FORD RANGER /
RAPTOR 2022+
FULL SIDE TUB SIDE
RAIL ONLY

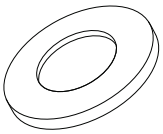


HEX BOLTS M8x50x1.25
(6 PCS.)

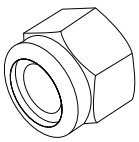


SPRING WASHER M8
(6 PCS.)

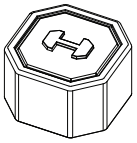
WASHER M8
(12 PCS.)



NYLON INSERT NUT
M8 (6 PCS.)



BOLT HEAD COVER
RUBBER M8 (6 PCS.)

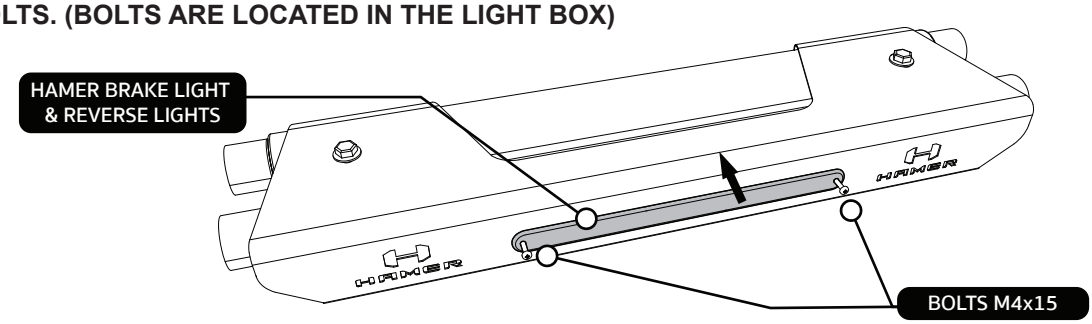


HAMER
4x4 ACCESSORIES

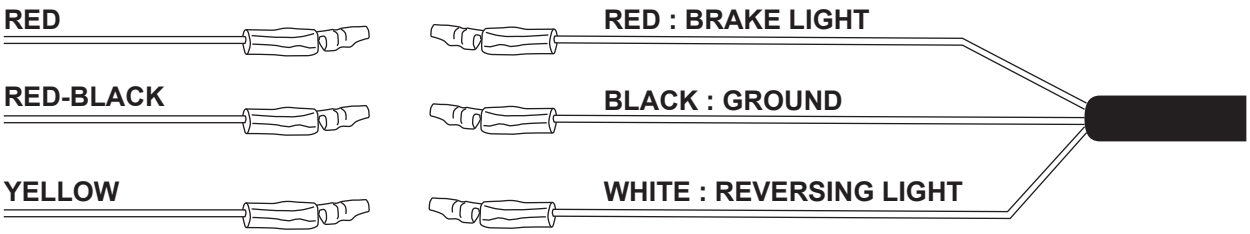
INSTALLATION
NIGHT FURY SERIES SPORT BAR
SB2000

STEP 1

- FIT HAMER BRAKE LIGHT & REVERSE LIGHT TO HAMER MIDDLE TUBES WITH UPPER PLATE USING M4x15 BOLTS. (BOLTS ARE LOCATED IN THE LIGHT BOX)

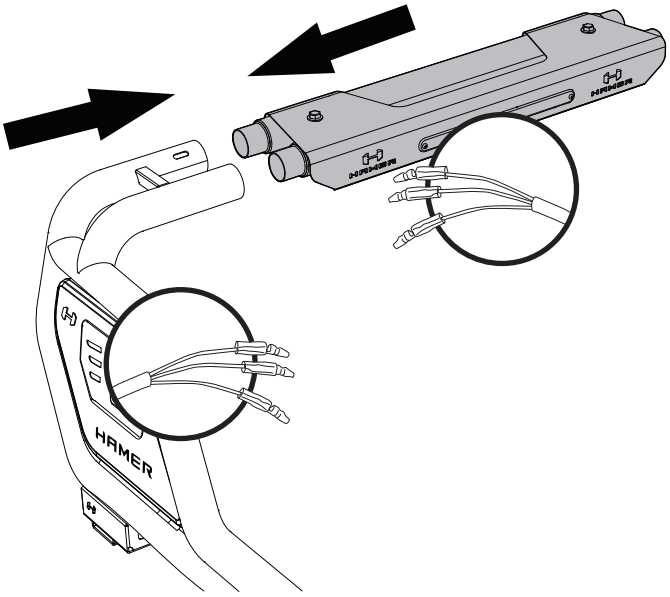


- CONNECT THE WIRES FROM THE BRAKE LIGHT TO THE WIRES IN THE MIDDLE TUBE. CONNECT EACH WIRE AS SHOWN



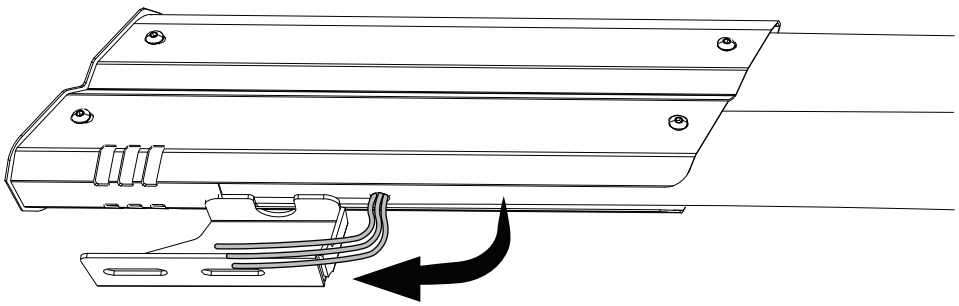
STEP 2

- FIT THE SPORT BAR LEFT ARM TO THE MIDDLE TUBES WITH UPPER PLATE
- CONNECT THE WIRES FROM THE MIDDLE TUBES TO THE SPORT BAR LEFT ARM. CONNECT EACH WIRES ACCORDING TO THE DIAGRAM ABOVE



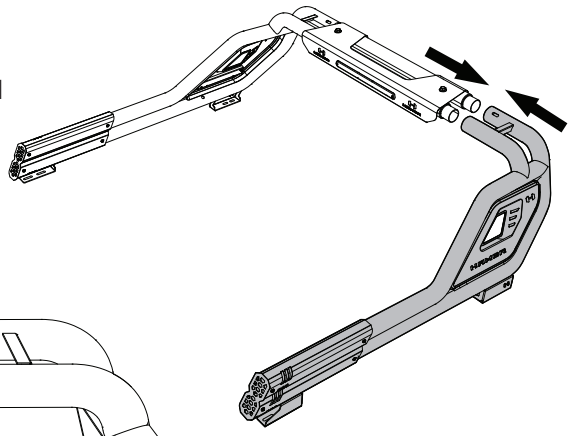
STEP 3

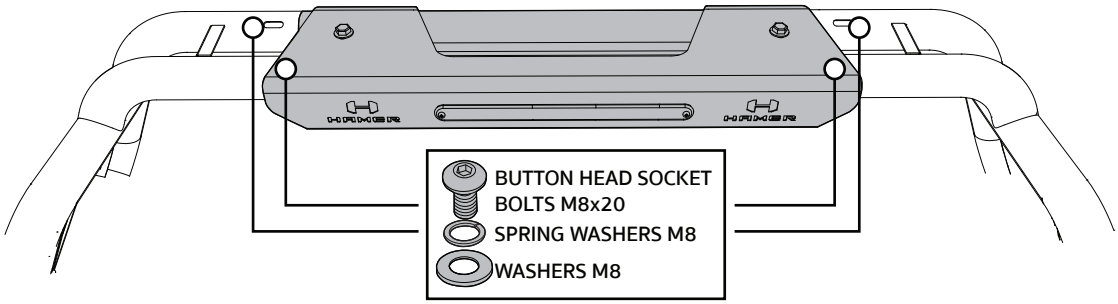
- CAREFULLY PULL THE 5 WIRES FROM THE END OF THE SPORT BAR LEG UNTILL IT'S TIGHT AS SHOWN.



STEP 4

- FIT THE SPORT BAR RIGHT ARM TO THE MIDDLE TUBE AS SHOWN
- FIT TWO M8x20 BUTTON HEAD SOCKET BOLTS WITH SPRING WASHER AND WASHER TO ASSEMBLE THE ARMS TO THE MIDDLE TUBE. SNUG UP ONLY, DO NOT TIGHTEN





INSTALLATION STEPS FOR EACH VEHICLE MODEL

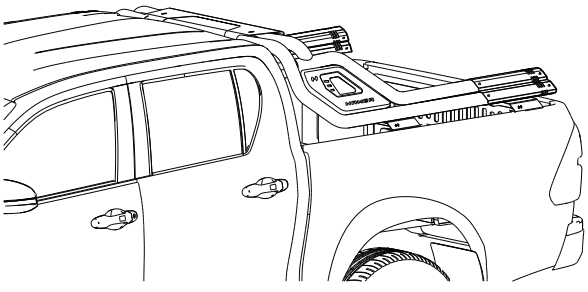
VEHICLE MODELS	FOLLOW THE STEPS
ALL OTHER MODELS	STEP 5.A- STEP 8.A
FORD RANGER 2022+ / FORD RANGER RAPTOR 2022+ / VOLKSWAGEN AMAROK 2023+ WITH TUB SIDE RAIL TRIM COVER WITH AN ACCESORIES SLOTS	STEP 5.B- STEP 8.B
FORD RANGER 2022+ / FORD RANGER RAPTOR 2022+ / VOLKSWAGEN AMAROK 2023+ WITH FULL SIDE TUB SIDE RAIL TRIM COVER	STEP 5.C- STEP 8.C

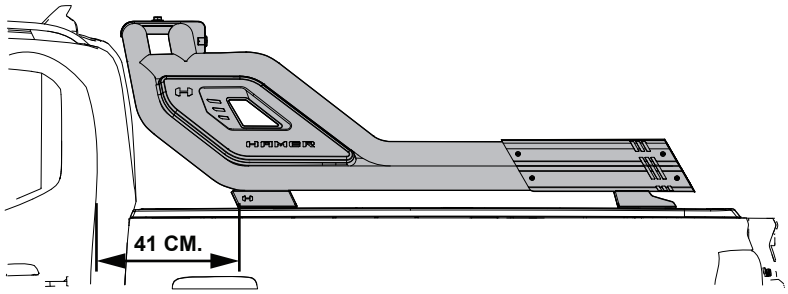
INSTALLATION MANUAL FOR ALL OTHER MODELS
NIGHT FURY SERIES SPORT BAR

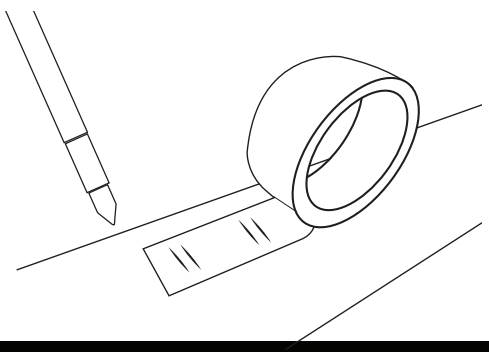
FOR FORD RANGER 2022+ / FORD RANGER RAPTOR 2022+ / VOLKSWAGEN AMAROK 2023+ SKIP TO STEP 5.B ON PAGE 6

STEP 5.A

- ON THE BED TRUCK, PASTE A MASKING TAPE AS A GUIDE AT THE ESTIMATED INSTALLATION POSITION AS SHOWN.
- PLACE SPORT BAR ONTO THE VEHICLE
- MEASURE THE DISTANCE BETWEEN THE SPORT BAR LEG TO THE TAIL DOOR OF THE VEHICLE AS SHOWN. MAKE SURE IT'S AS SPECIFIED.
- MARK THE HOLES POSITION ON THE MASKING TAPE

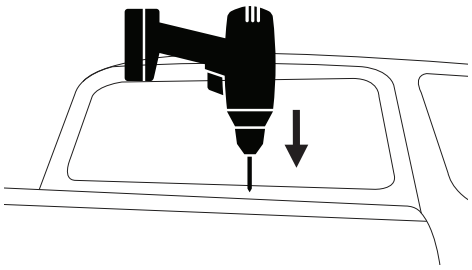






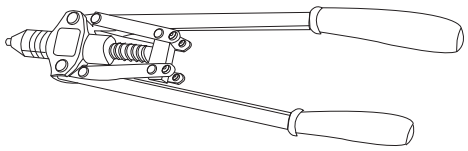
STEP 6.A

- TEMPORARILY REMOVE SPORT BAR FROM THE VEHICLE
- DRILL HOLES ON THE VEHICLE AND BEDLINER (IF THERE IS ONE) ACCORDING TO THE MARKING MADE PREVIOUSLY

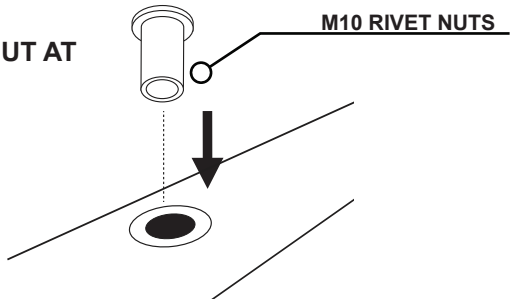


STEP 7.A

- IF THE VEHICLE HAS A BEDLINER, IT SHOULD BE REMOVED BEFORE RIVET NUTS INSTALLATION
- INSTALL PROVIDED RIVET NUT TO THE CORRESPONDING HOLES USING MANUAL OR AUTOMATIC RIVET NUTS GUN
- FOR THE REAR MOUNTING BRACKET, FIT ONLY ONE M10 RIVET NUT AT THE REARMOST HOLE. LEAVE THE OTHER HOLE FOR WIRING

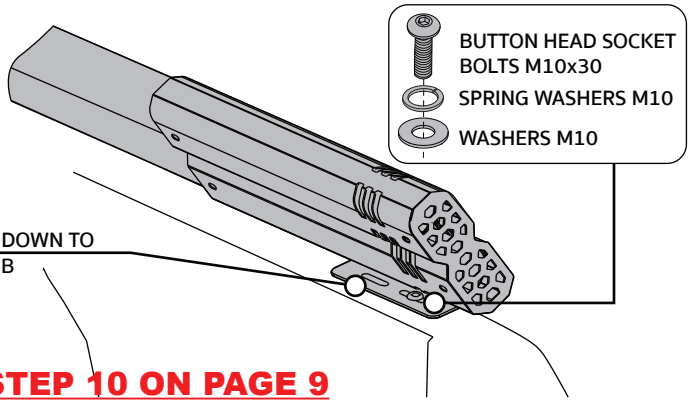


RIVET NUT TOOL



STEP 8.A

- RETURN BEDLINER TO ITS ORIGINAL POSITION
- PLACE SPORT BAR ONTO THE VEHICLE
- INSTALL SPORT BAR USING BUTTON HEAD SOCKET BOLTS M10x30



Torque M10 : 25 Nm.

PLEASE CONTINUE TO STEP 10 ON PAGE 9

INSTALLATION MANUAL
NIGHT FURY SERIES SPORT BAR

FOR FORD RANGER 2022+ / FORD RANGER RAPTOR 2022+ / VOLKSWAGEN AMAROK 2023+

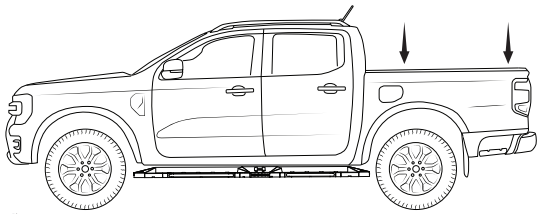
STEP 5.B

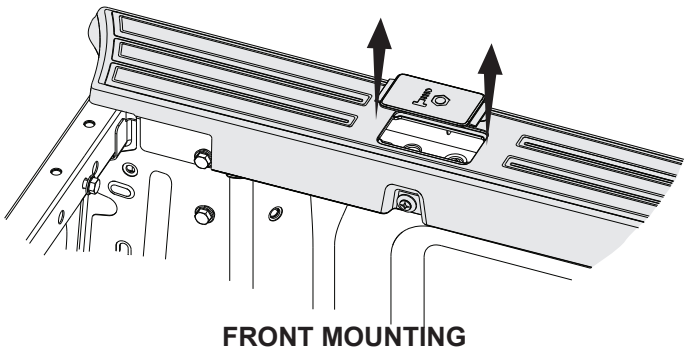
INSTALLED WITH TUB SIDE RAIL TRIM COVER WITH AN ACCESSORIES SLOTS

FORD RANGER 2022+ / FORD RANGER RAPTOR 2022+ / VOLKSWAGEN AMAROK 2023+ WITH FULL SIDE TUB SIDE RAIL TRIM COVER

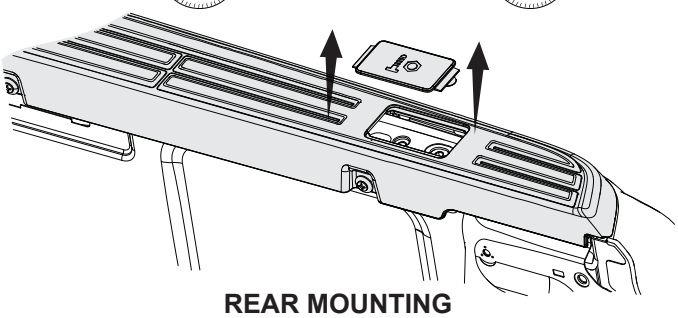
SKIP TO STEP 5.C ON PAGE 8

- REMOVE THE PLASTIC CAPS OF THE ACCESSORIES SLOTS
- THE MOUNTING HOLES WILL BE UNDERNEATH THE COVERS





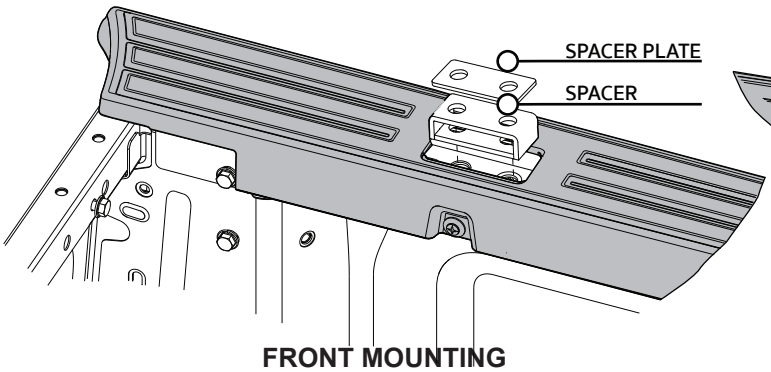
FRONT MOUNTING



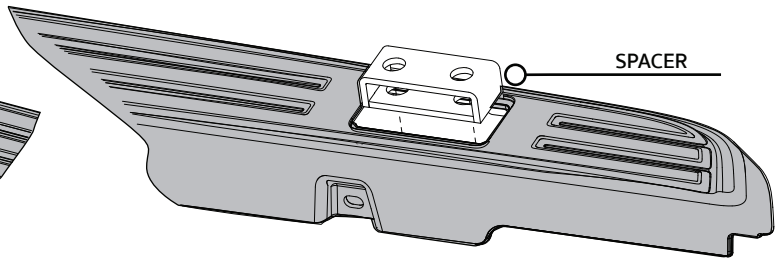
REAR MOUNTING

STEP 6.B

- FIT SPACER TO THE FRONT AND REAR MOUNTING HOLES AS SHOWN
- ONLY AT THE FRONT MOUNTING HOLES, PLACE THE SPACER PLATE ON TOP OF THE SPACER
- DO THE SAME ON BOTH SIDES



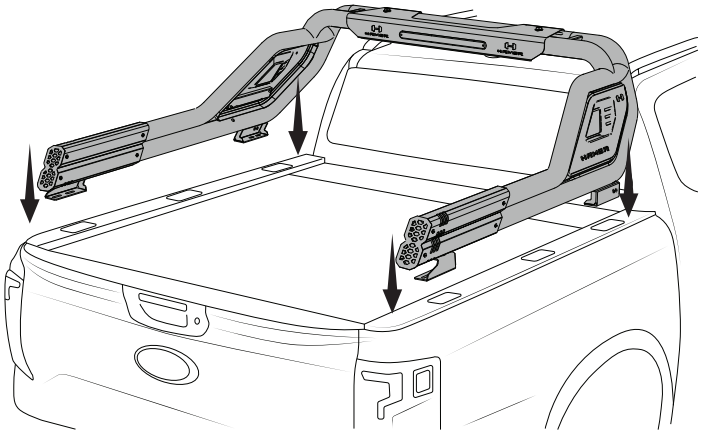
FRONT MOUNTING



REAR MOUNTING

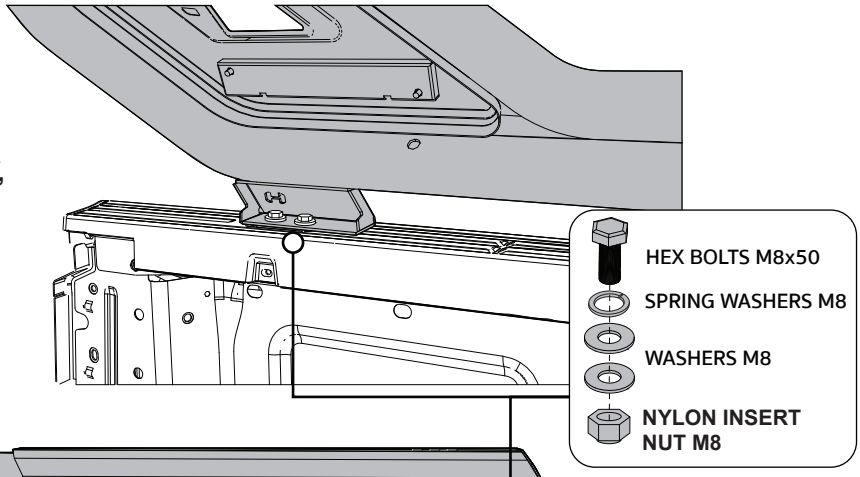
STEP 7.B

- USING THE ASSISTANCE OF ANOTHER PERSON, LIFT THE SPORT BAR BACK INTO PLACE ON THE PREVIOUSLY INSTALLED SPACER.



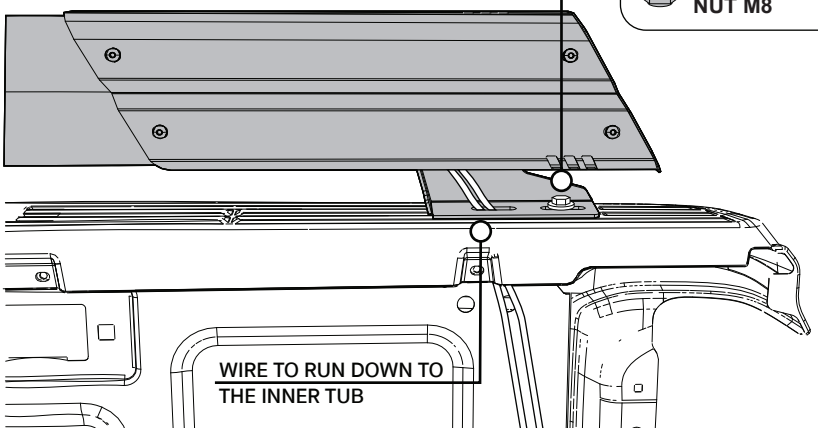
STEP 8.B

- FIT TWO M8x50 HEX BOLTS WITH SPRING WASHER/ WASHER WITH NYLON NUT AT THE FRONT MOUNTING BRACKET. SNUG UP ONLY, <u>DO NOT TIGHTEN.</u>



- FIT ONE M8x50 BOLT WITH SPRING WASHER / WASHER WITH NYLON NUT AT THE REARMOST MOUNTING HOLE AS SHOWN. USE THE OTHER AVAILABLE HOLE TO RUN DOWN THE WIRE TO THE TAILLIGHT.

<u>ALL THE BOLTS SHOULD REMAIN UNTIGHTEN</u>

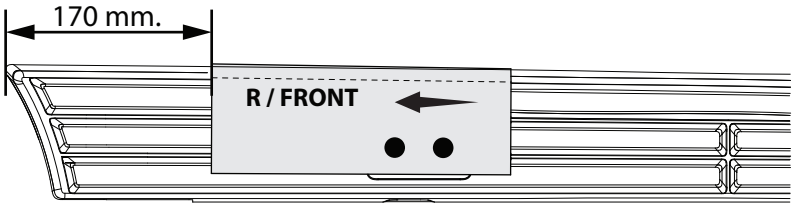


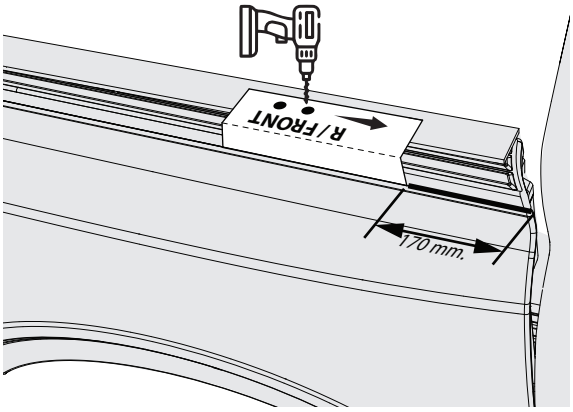
PLEASE CONTINUE TO STEP 9 ON PAGE 8

STEP 5.C INSTALLED WITH FULL SIDE TUB SIDE RAIL TRIM COVER

- CUT THE CUTTING TEMPLATE FROM THE MANUAL
- FOLD THE PAPER ACCORDING TO THE FOLDING LINES
- PLACE THE TEMPLATE AT THE POSITION THAT IS 170 MM. FROM THE FRONT EDGE OF THE BED TRUCK. CAREFULLY MEASURE THE DISTANCE TO ENSURE ACCURACY
- DRILL THE SIDE RAIL COVER AT THE MARKED POSITION

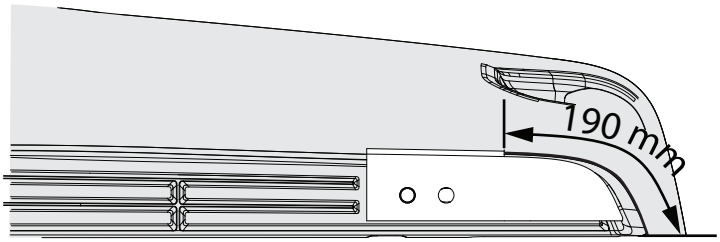
BE CAREFUL TO NOT DRILL THE VEHICLE'S BODY

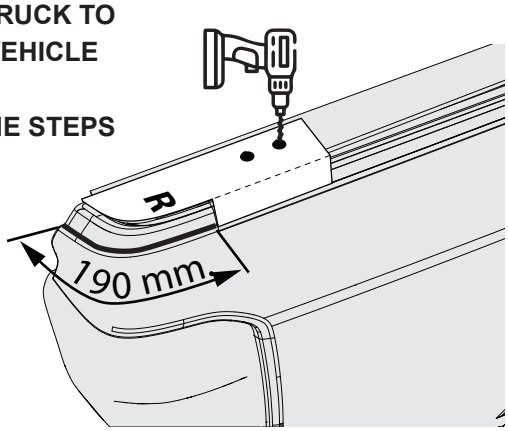




STEP 6.C

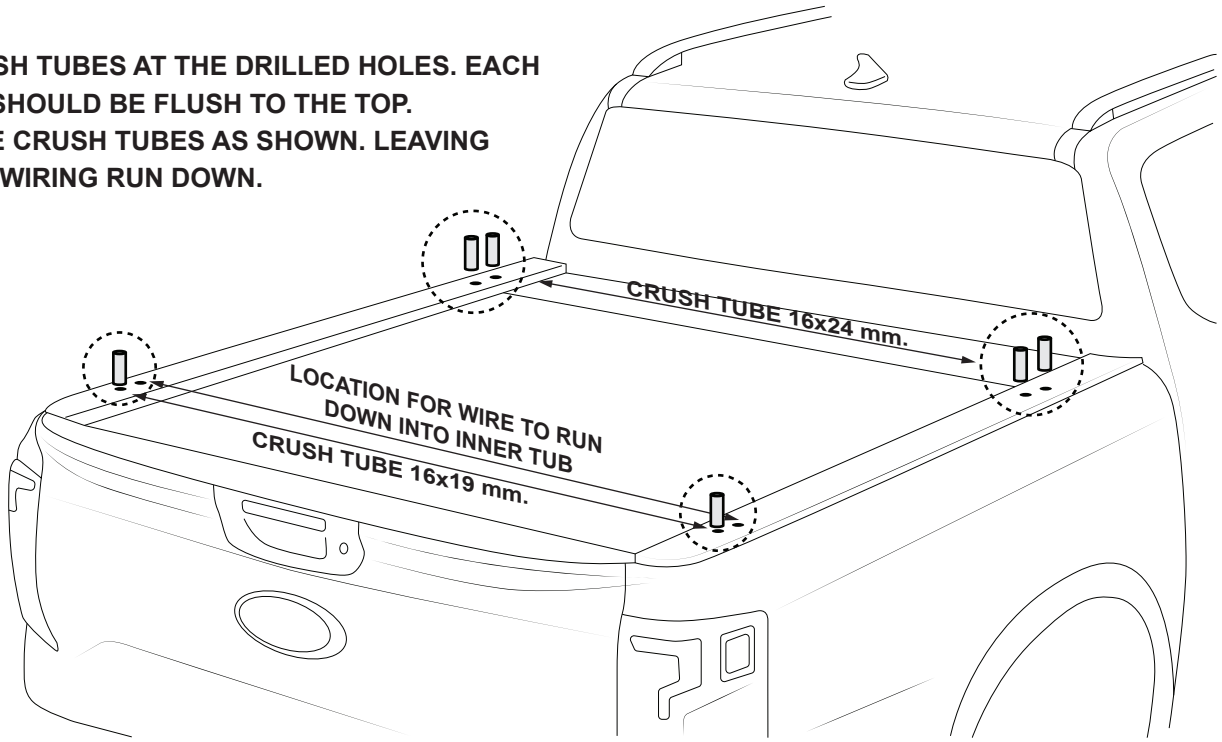
- PERFORM THE SAME STEPS ON THE REAR OF THE SIDE RAIL
- PLACE THE CUTTING TEMPLATE ON THE SIDE RAIL COVER. MEASURE THE DISTANCE BETWEEN THE TEMPLATE AND THE EDGE OF THE BED TRUCK TO 190 MM. AS SHOWN (MAKE SURE TO FOLLOW THE CURVE OF THE VEHICLE AS SHOWN)
- DRILL THE HOLE ACCORDING TO THE MARKING HOLES. REPEAT THE STEPS ON THE OTHER SIDE.





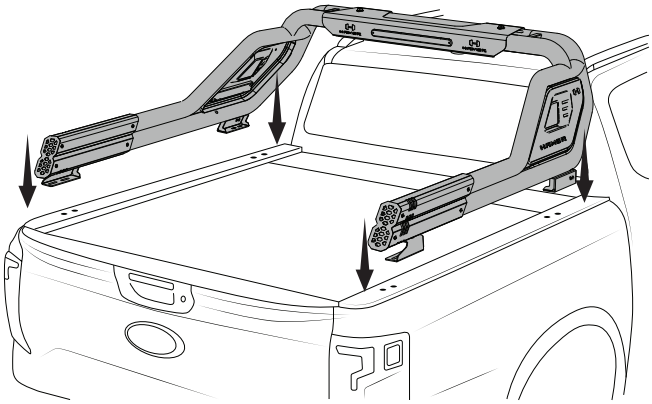
STEP 7.C

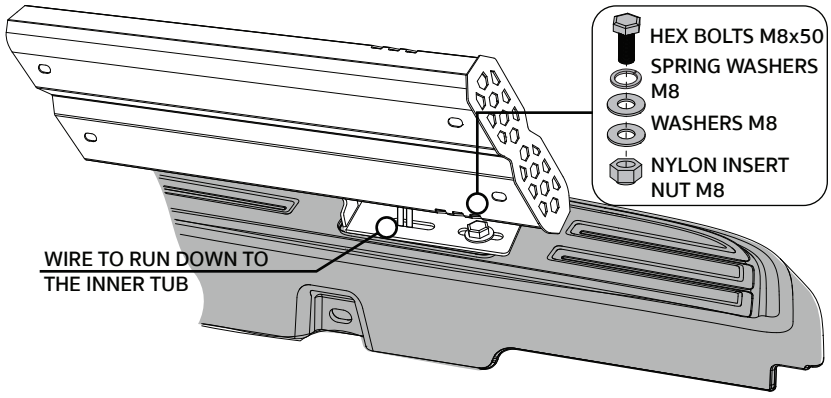
- FIT THREE CRUSH TUBES AT THE DRILLED HOLES. EACH CRUSH TUBES SHOULD BE FLUSH TO THE TOP.
- ONLY FIT THREE CRUSH TUBES AS SHOWN. LEAVING ONE HOLE FOR WIRING RUN DOWN.



STEP 8.C

- **WITH THE HELP OF ANOTHER PERSON, FIT THE SPORT BAR BACK ON THE VEHICLE. FIT M8X50 BOLT / SPRING WASHER / WASHER TO NYLON INSERT NUT. <u>SNUG UP ONLY DO NOT TIGHTEN YET.</u>**

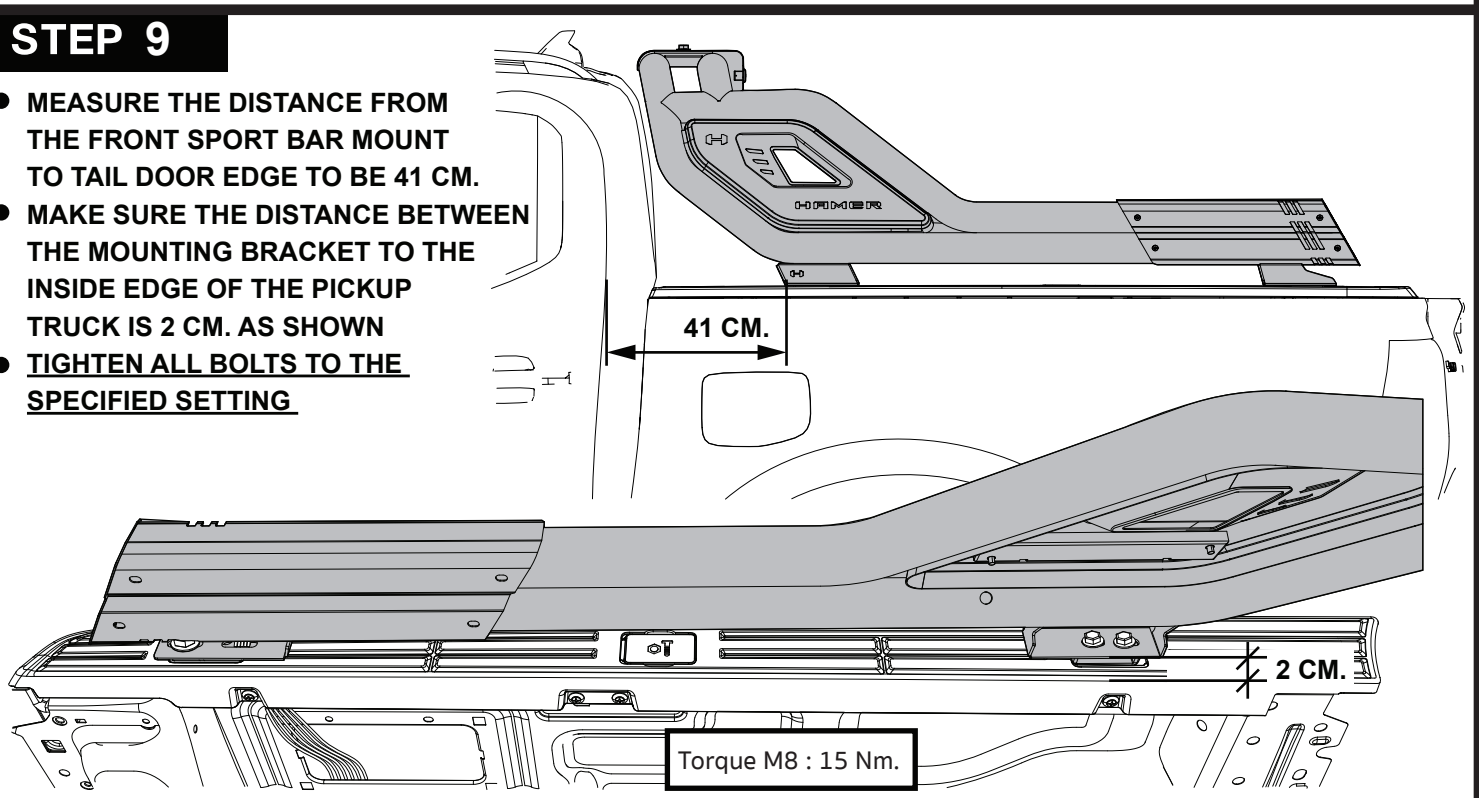




REAR MOUNTING

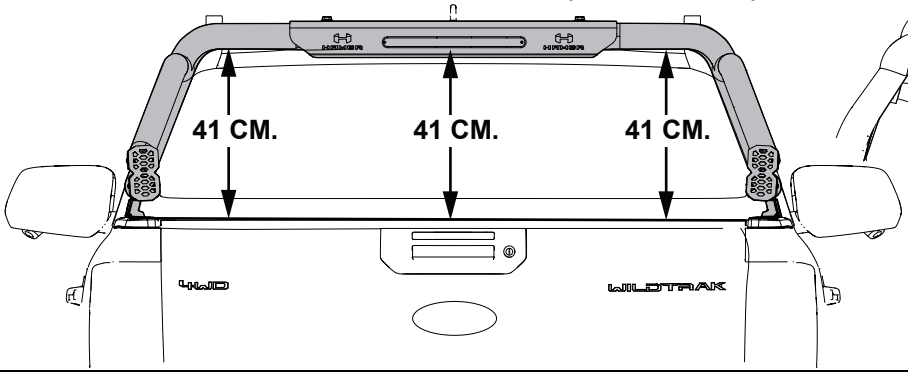
STEP 9

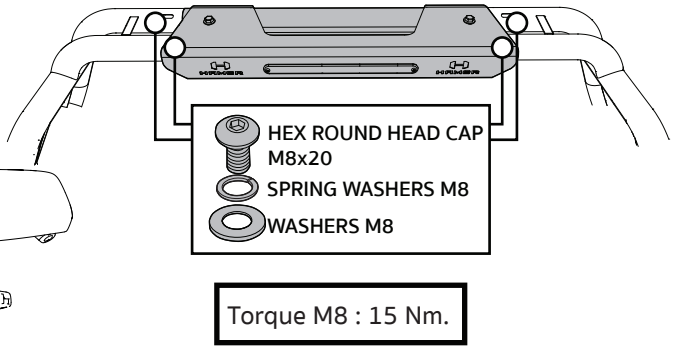
- **MEASURE THE DISTANCE FROM THE FRONT SPORT BAR MOUNT TO TAIL DOOR EDGE TO BE 41 CM.**
- **MAKE SURE THE DISTANCE BETWEEN THE MOUNTING BRACKET TO THE INSIDE EDGE OF THE PICKUP TRUCK IS 2 CM. AS SHOWN**
- **<u>TIGHTEN ALL BOLTS TO THE SPECIFIED SETTING</u>**



STEP 10

- **MEASURE THE HEIGHT FROM THE EDGE OF THE PICKUP BED TO THE MIDDLE TUBES AT ALL 3 DESIGNATED LOCATIONS, SO THAT THE HEIGHT IS 41 CM. FROM THE EDGE OF THE PICKUP TRUCK.**
- **ONCE THE HEIGHTS ARE REACHED THE SPECIFIED SETTING TIGHTEN THE HEX ROUND HEAD CAP M8X20 WITH SPRING WASHER AND WASHER (FROM STEP 4)**

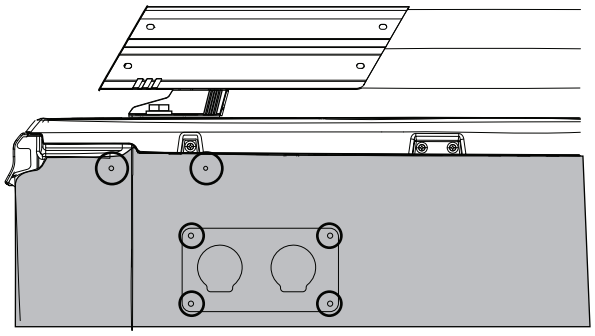




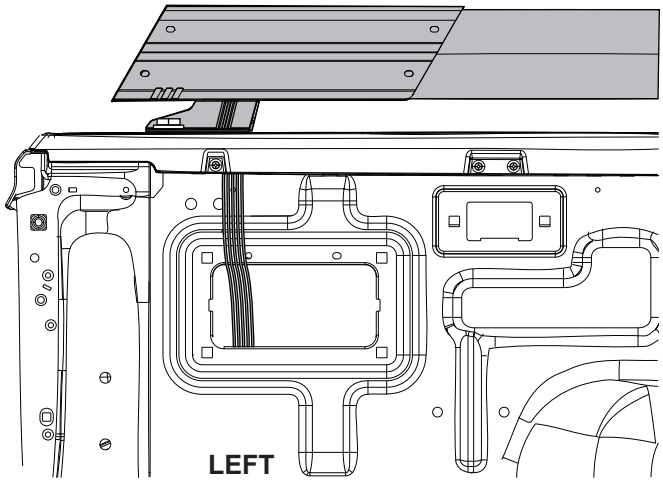
Torque M8 : 15 Nm.

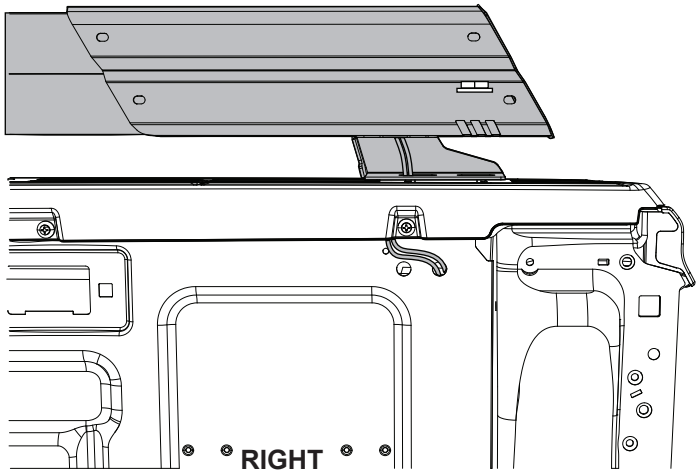
STEP 11

FOR FORD RANGER 2022+ / FORD RANGER RAPTOR 2022+ / VOLKSWAGEN AMAROK 2023+



- REMOVE THE PLASTIC TRUCK BED LINERS BY REMOVING THE NUTS AND LOCKING CLIPS TO ALLOW FOR EASY WIRING
- ROUTE ALL THE WIRES INTO THE HOLES AS ILLUSTRATED BELOW
- ASSEMBLE THE PLASTIC TRUCK BED BACK TO ITS ORIGINAL POSITION

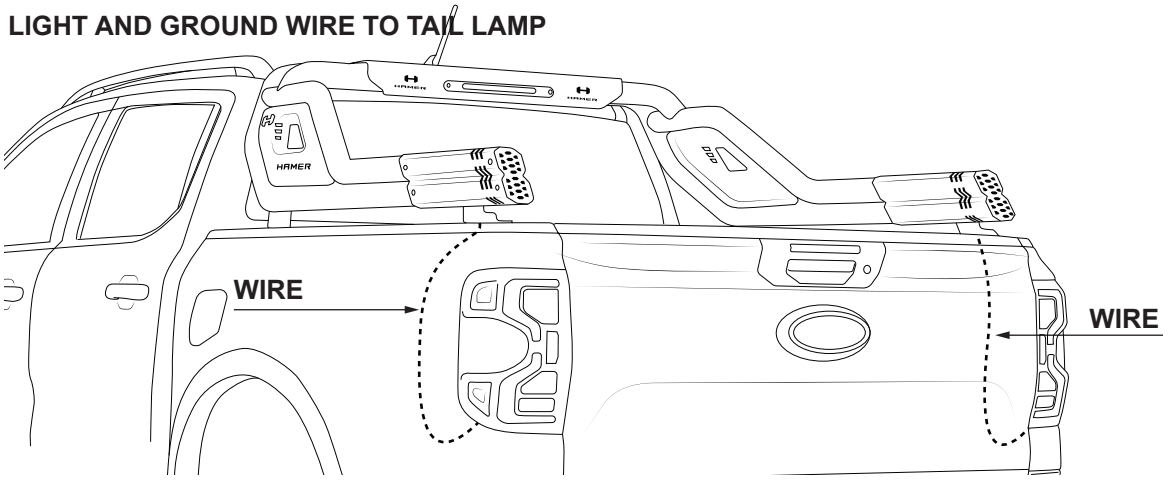




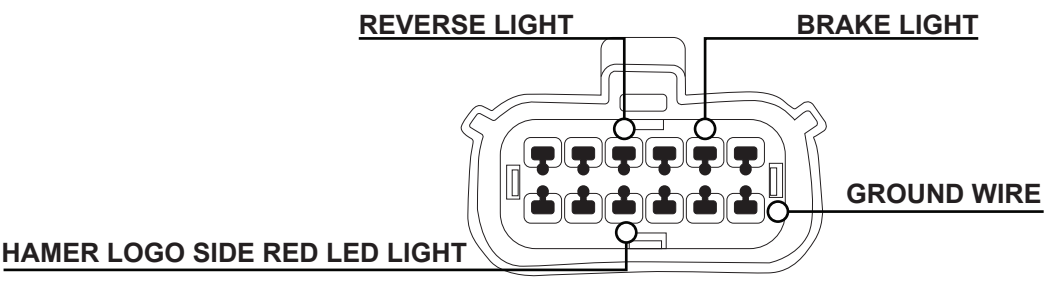
WIRING GUIDE TO CONNECT THIRD BRAKE LIGHT

FOR FORD RANGER 2022+ / FORD RANGER RAPTOR 2022+ / VOLKSWAGEN AMAROK 2023+

- LOCATE THE TAIL LIGHT PLUG FROM THE UNDERSIDE OF THE VEHICLE
- CONNECT THE WIRES Of 3RD BRAKE LIGHT
- WIRE BRAKE LIGHT AND GROUND WIRE TO TAIL LAMP

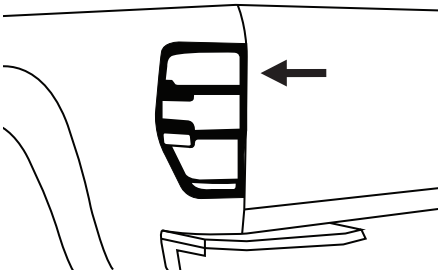


TAILLIGHT PLUG SIGNALS GUIDE



FOR ALL OTHER MODELS

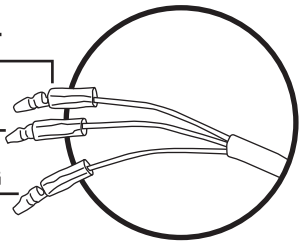
- USING THE POWER SOURCE FROM THE ORIGINAL TAILLIGHT OF THE VEHICLE
- CONNECT WHITE LIGHTS TO THE REVERSE LIGHTS
- CONNECT 3RD BRAKE LIGHT & GROUND WIRE
- 3RD BRAKE LIGHT & GROUND WIRE ARE TO BE WIRED THROUGH UNDERNEATH THE TRUCK TO LEFT TAILGATE LAMP AT VEHICLE'S REAR
- TIGHTEN ALL WIRING HARNESSES TO THE CHASSIS



RED : BRAKE LIGHT

BLACK : GROUND

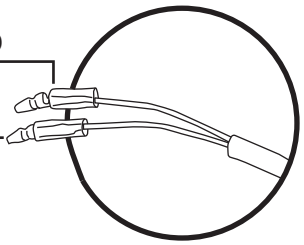
WHITE : REVERSING LIGHT



HAMER BRAKE LIGHT & REVERSE LIGHTS

RED : HAMER RED LED LIGHT

BLACK : GROUND

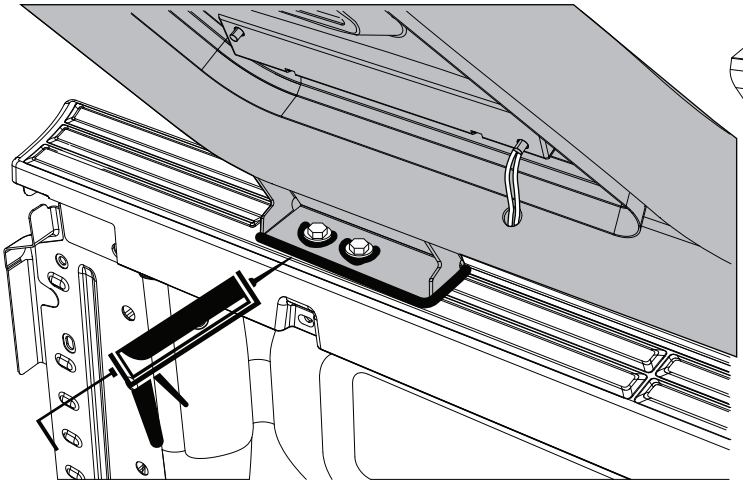


HAMER LOGO SIDE RED LED LIGHT

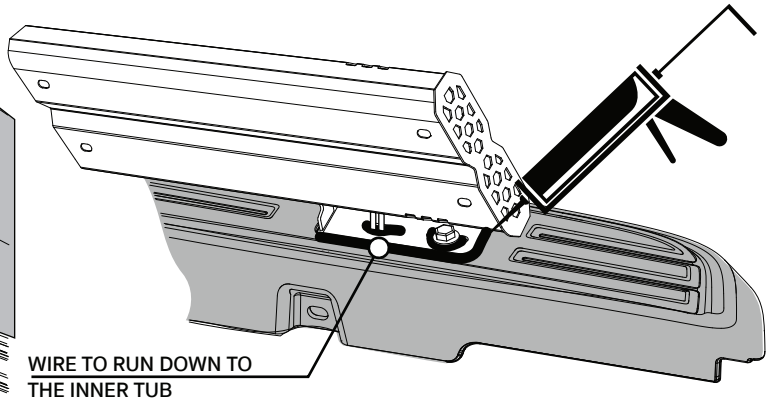
WIRING GUIDE FOR OTHER VEHICLE MODELS

STEPS TO APPLY SILICONE FOR WATERPROOFING

- APPLY SILICONE AROUND THE MOUNTING BRACKETS AND BOLT HOLES
- MAKE SURE THE SILICONE IS FULLY DRIED BEFORE USE



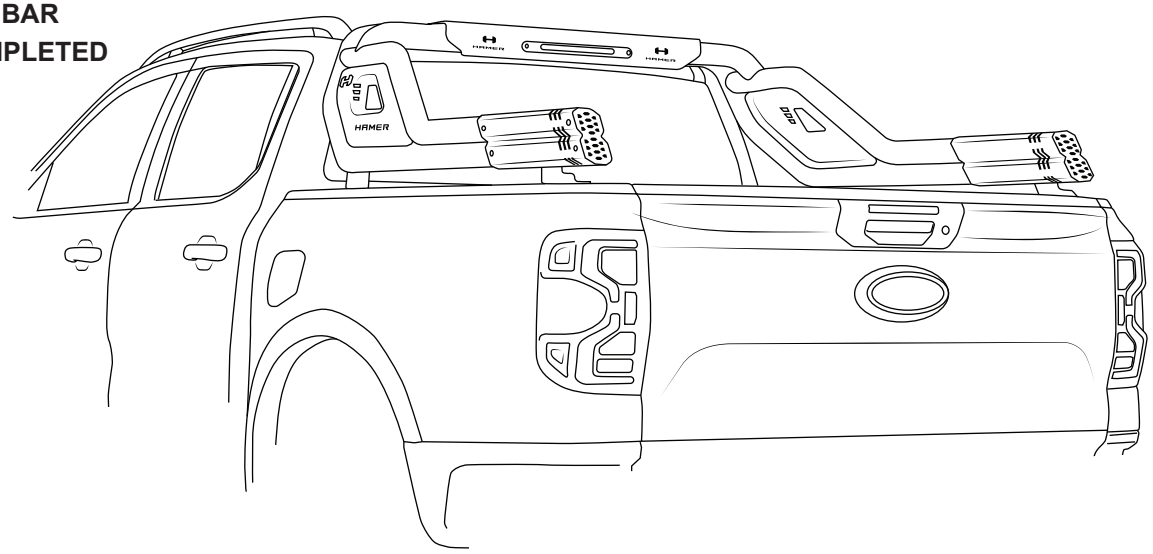
FRONT MOUNTING



REAR MOUNTING

COMPLETENESS INSPECTION STEPS

- CHECK ALL THE ELECTRICAL WIRES TO BE TIGHTLY CONNECTED
- CHECK ALL THE FASTENERS ARE TIGHTENED TO THE SPECIFIC TORQUE
- CLEAN THE SPORT BAR
- INSTALLATION COMPLETED



HAMER