

**OEM Sportbar Fitting Instructions
For Isuzu Dmax 20+**

OEM Styling Bar Fitting Instructions for Isuzu Dmax 20+

READ INSTRUCTIONS CAREFULLY BEFORE COMMENCING THIS ACTIVITY.

General Notes

To aid in installation the correct order of accessory installation needs to be observed:

1. Install all electrical components first.
2. Install Vehicle Tub Sealing Kit.
3. Install vehicle tub protective products such as tub liners*.
4. Install styling bar onto Sportlid.
5. Install the Sportlid Fitting Kit.
6. Install the Sportlid.
7. Install any additional accessories such as roof racks.

**Sportlid is compatible with under rail and Sport Guard style tub liners. Some trimming may be required. OEM liner compatibility cannot be guaranteed. Please contact your dealer for more information.*

- Read through the fitting instructions before installation of accessory.
- Check that the contents of the Fitting Kit are complete and undamaged.
- If any contents of the Fitting Kit are found incomplete or damaged they must be replaced using the specified accessory components.
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory and void the warranty.
- Ensure all recyclable discarded vehicle/accessory components and packaging are disposed following local recycling regulations.
- Safely store and protect any removed vehicle components.
- Ensure all bare metal surfaces are protected using Automotive Bare Metal Primer and touch-up paint.
- Remove all metal swarf and dust from all vehicle surfaces if surface is used for accessory installation.
- Ensure all fasteners are torqued to the specifications as per instruction.
- Apply any adhesives to the vehicle only when the surface temperature is between 20°C to 40°C.
- **Sportlid:** Recommended all smooth lids are painted. Failure to paint lid will void the warranty.
- **Bedliner:** Recommended rust preventative solution be applied to vehicle surfaces before installation.

General Vehicle and Accessory Warranty Notes and Cautions

- For correct installation and proper operation of the vehicle and accessory we recommend this accessory is fitted by a qualified Technician.
- During the accessory fitment ensure all automotive safety practices and regulations are followed.
- Do not modify the vehicle in any way other than specified in these Accessory Fitting Instructions as this may void the warranty.










Safety Notes

- Check that all work practises comply with safety standards.
- It is advisable to seek assistance from another person when lifting heavy components.
- While using power tools ensure safe procedures are followed.
- Appropriate clothing & PPE must be worn.



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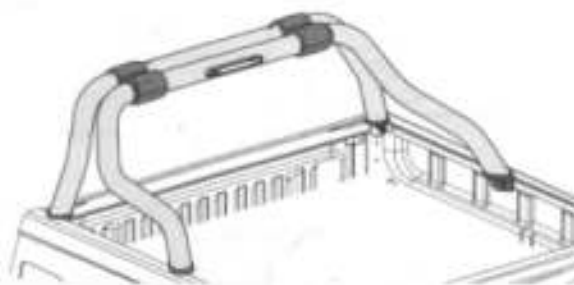
Tools Required					
No.	Description	Image	No.	Description	Image
1	Drill		2	Loctite 243	
3	Metric Drill Set		4	Tape	
5	Ø19mm Hole Saw		6	Metric Hex Key Set	
7	Torque Wrench & Metric Hex Bit Set		8	Non-acetic silicone	
9	Knife		10		
11			12		

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Original part information:

Contact your local Mazda dealer for fitting kit instructions and service parts..



ISUZU ACCESSORY PART NUMBER:	5-8676-3201 (Polished), 5-8676-3202 (Black),
MODEL YEAR:	2020 ONWARDS
OEM FITTING INSTRUCTION No.:	SB0045



Important safety notice: item 17 Connector Patch

When installing the OEM Isuzu sport bar the rear CHMSL needs to be disconnected.

If the vehicle was provided with a sport bar pre-installed the connector patch should already be installed.

If the sport bar is being installed as an add on accessory the connector needs to be installed.

IMPORTANT NOTE























If the SPORTLID and SPORTBAR are removed from the vehicle the connector patch needs to be removed in order for the CHMSL to operate correctly.

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OEM Kit Contents- Hardware supplied as part of SB0045














NOTE: Items blocked out are not required for fitment to ARB Sportlid. Items renumbered accordingly.

①	Sports Bar Front Top Tube	1		⑨	Rear Foot Cup LHS	1	
②	Sports Bar Front LHS Leg	1		⑩	Rear Foot Cup RHS	1	
③	Sports Bar Front RHS Leg	1					
④	Sports Bar Rear Top Tube	1					
⑤	Sports Bar Rear LHS Leg	1		11	Upper Tube Cover	2	
⑥	Sports Bar Rear RHS Leg	1		12	Lower Tube Cover	2	
⑦	Front Foot Cup LHS	1					
⑧	Front Foot Cup RHS	1		13	Cable Tie	10	
14	Tie Base	10					
15	Housing Female	1		22	M5x50mm Cover Screw	4	
16	Extension Harness	1					
17	Connector Patch	1					
18	M5 Washer	4					
19	Tube Joiner Plate	2					
20	M5 Square Nut	4					
21	Socket Head Flanged Bolt	8					

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Aftermarket Kit Contents- Hardware for fitment with ARB Sportlid

No.	Item Description	Quantity	Image	Part Number
23	HOLE PLUG BLK 22-PPL19	4		10055992
24	WASHER M6X22X3MM BLK EPDM	4		10056099
25	CAPSCREW B/HEAD M8X50MM SS	4		10054543
26	SPACER M8X10MM NYLON	4		10053165
27	WASHER FLAT M8X16X1.6MM SS	4		10053301
28	WASHER FLAT M8X24X2MM SS316	4		10055714
29	ISOPROPYL ALCOHOL WIPES 70%	2		10051664
30	3M 94 PRIMER 0.66ML	2		10051996
31	BRAID SLEEVE 19MM BLK 14-30mm	0.5M		10055967
32	WASHER FLAT M5x12.5x1MM SS	1		
33	CABLE TIE MOUNT 16-PHC-2/6B	1		
34	CABLE TIE BLK 303x7.6mm RELEASE	1		
35	RIVET 6.6 DOMED 4.8X14.3 ALU	1		

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Aftermarket Kit Contents- Hardware for fitment with ARB Sportlid

No.	Item Description	Quantity	Image	Part Number
36	ISU 20+ CHMSL LOOM	1		10056960
37	CABLE TIE MOUNT (WHITE)	6		
38	CABLE TIE 200X3.2MM	7		
39	CONNECTORS	1 x Male 1 X Female		
40	EXT LOOM *NO CONNECTORS*	1		10056062
41	CABLE TIE MOUNT (BLACK)	7		10052380
42	CABLE TIE BLK 100 X 2.5MM	7		10052987

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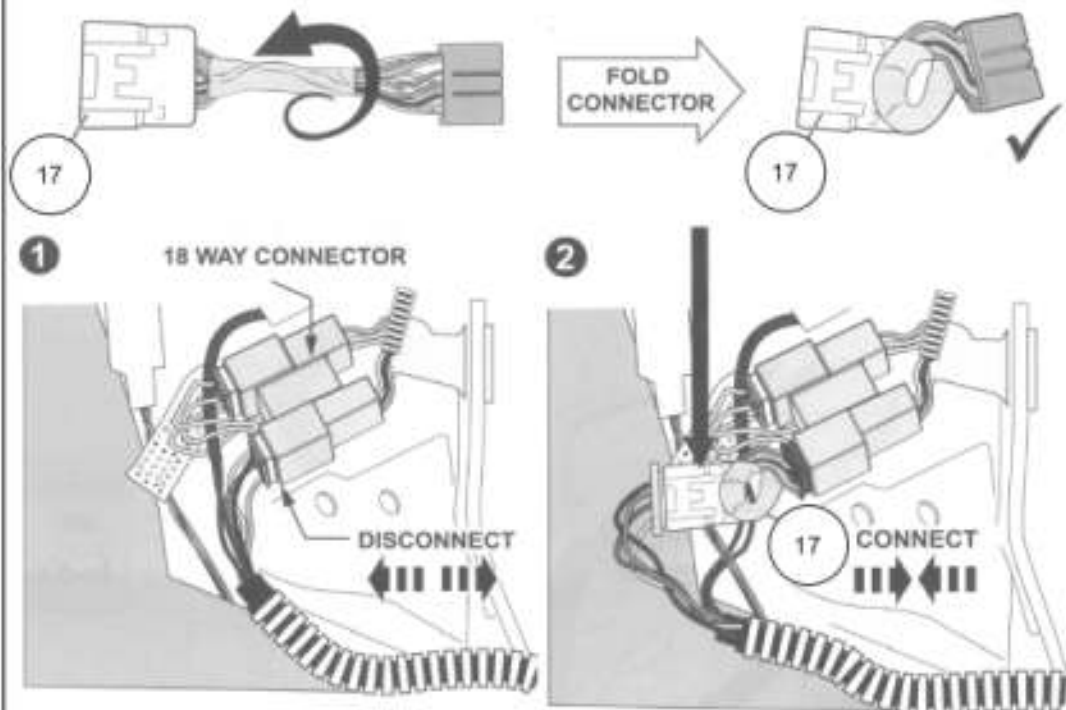
Step 1

- Locate the sill plate and dash side trim pad, remove and retain both.



Step 2

- Fold the CHMSL disconnect patch (17) as per illustration.
- Locate the 18 way connector & disconnect.
- Bridge the male and female connectors with connector patch (17)

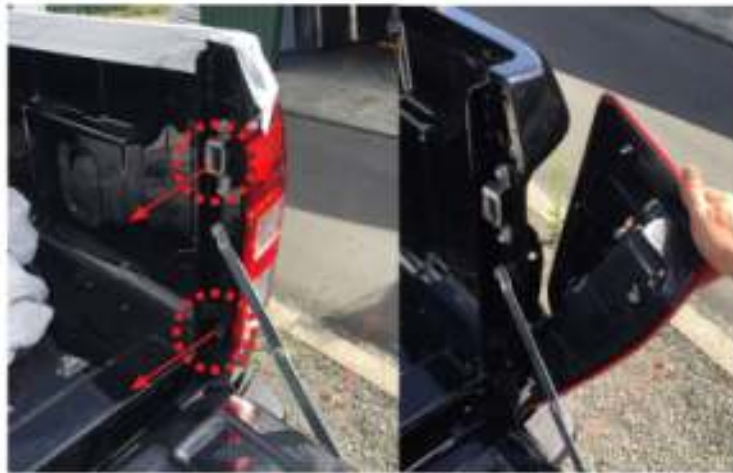


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Step 3

- Remove the tail light screws on the right hand side light. Gently pop the light out.



Step 4

- Look beneath the rear right hand side corner of the vehicle to locate the brake light connector.
- Disconnect the connector.



Step 5

- Connect the CHMSL patch (36) into the corresponding connectors.
- Feed the terminals up through the cavity and out of the light cavity.

Note: the OEM patch loom (16) cannot be used as it is not long enough. Do not discard as the connector is still required.



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Step 6

- Feed the patch loom up through the top corner of the vehicle tub. Pull the loom through into the vehicle tub.



Step 7

- Once the patch loom has been pulled through, fasten the loom to the chassis using a cable tie (38)
- Ensure the connectors are pulled up in behind the steel work to help protect them.



Step 8

- Clean the underside of the rail using an alcohol wipe (29).
- Use the 4 protruding sections as a guide and apply primer (30) to the underside of the vehicle rail.



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Step 9

- Place 4 X cable tie mounts (37) underneath the rail.
- LOOSELY attach the patch loom to the mount using cable ties (38).
- Ensure that the loom can still move freely as some adjustment may be required.



Step 10

- Using a small screwdriver, remove the white connector from the end of the OEM patch harness (16).
- Attach the connector to the end of the after-market loom (36). Take note of wire orientation and ensure the pins are installed in correct position.



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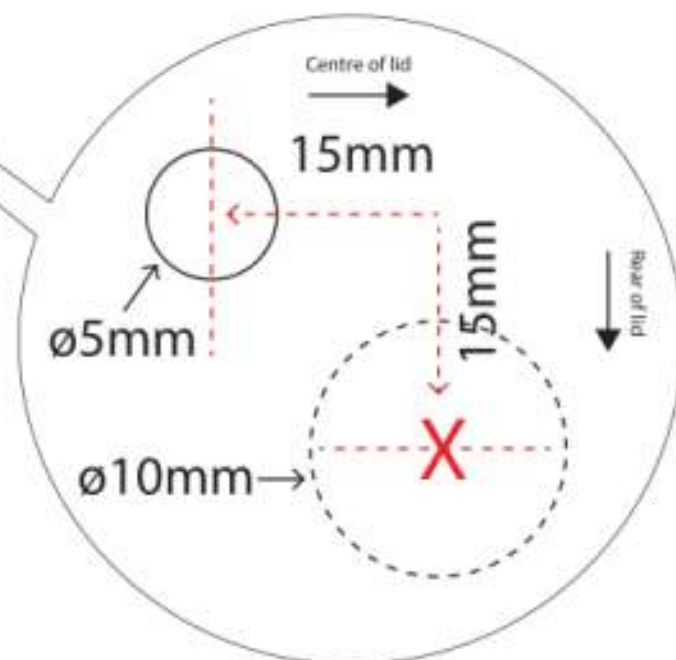
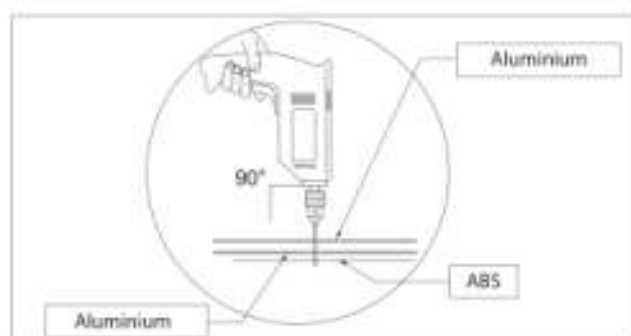
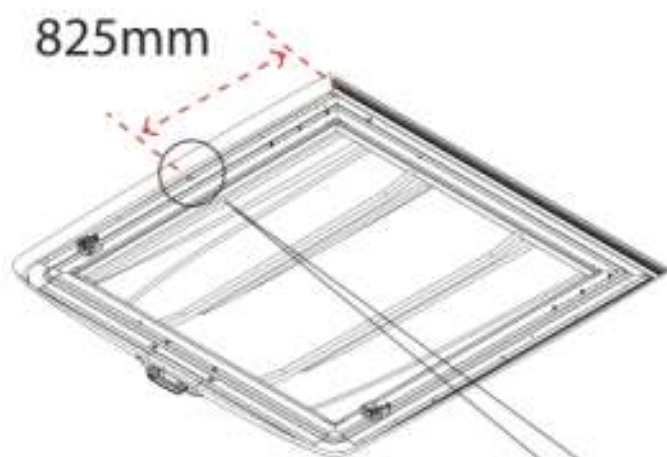
READ INSTRUCTIONS CAREFULLY BEFORE COMMENCING THIS ACTIVITY.

Step 11

IMPORTANT! Take care and drill correct holes

- Place the lid upside down on a non scratch surface
- Locate the pre-drilled 5mm pilot hole on the right hand side, approximately 825mm from the front of the lid.
- Using the 5mm pilot hole as a datum, measure 15mm in toward the centre of the lid & 15mm toward the rear of the lid.
- Use a centre punch to mark the new centre point. Drill a 10mm hole through the aluminium and ABS.

825mm



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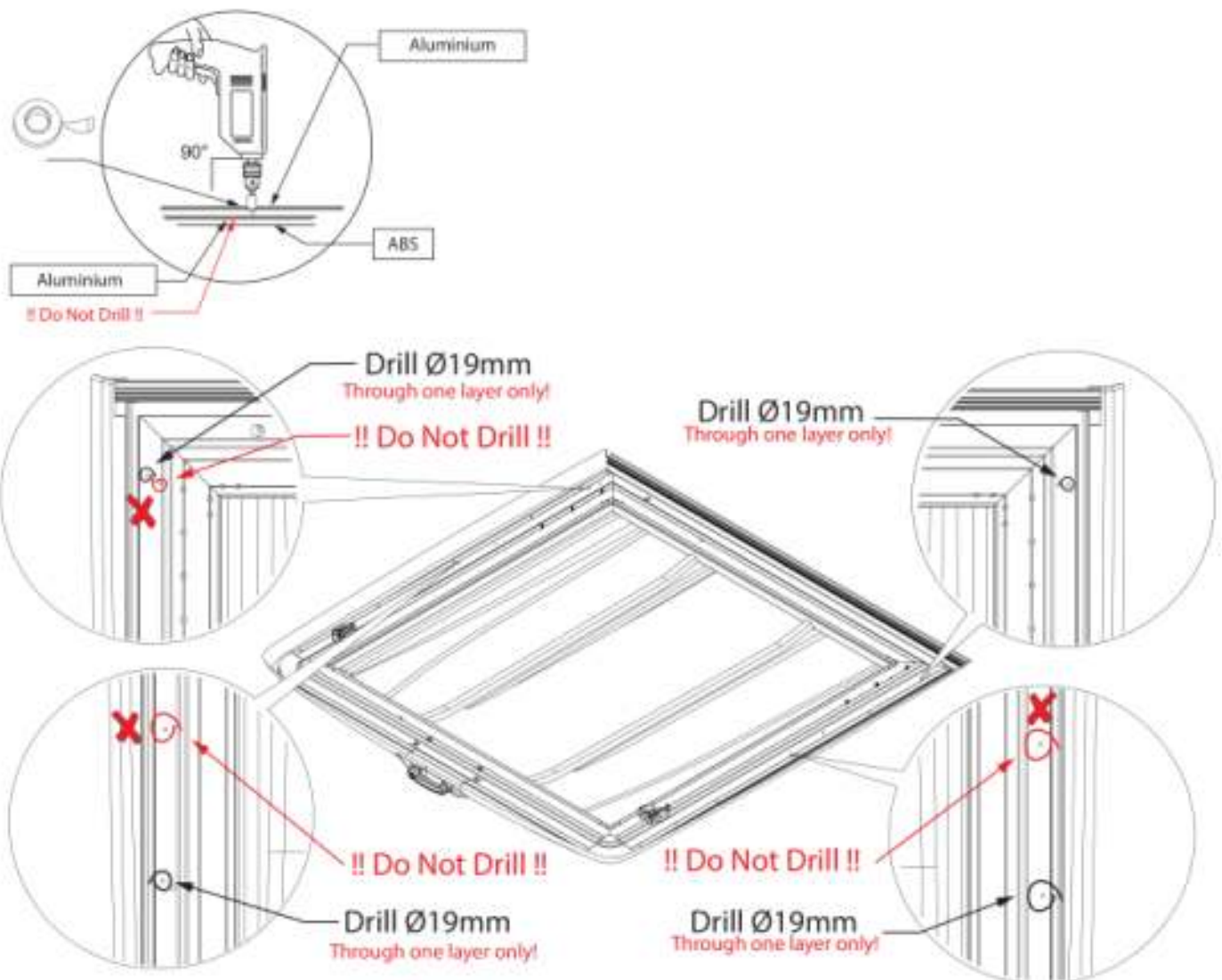
READ INSTRUCTIONS CAREFULLY BEFORE COMMENCING THIS ACTIVITY.

Step 12

IMPORTANT! Take care and drill correct holes

- Place masking tape around pilot holes in aluminium frame to prevent swarf from scratching the aluminium frame.
- Using the pre-drilled pilot holes in the aluminium as a datum, drill $\varnothing 19$ hole through one layer of aluminium only!

Note : The arbor can pass through all layers if required - See next step



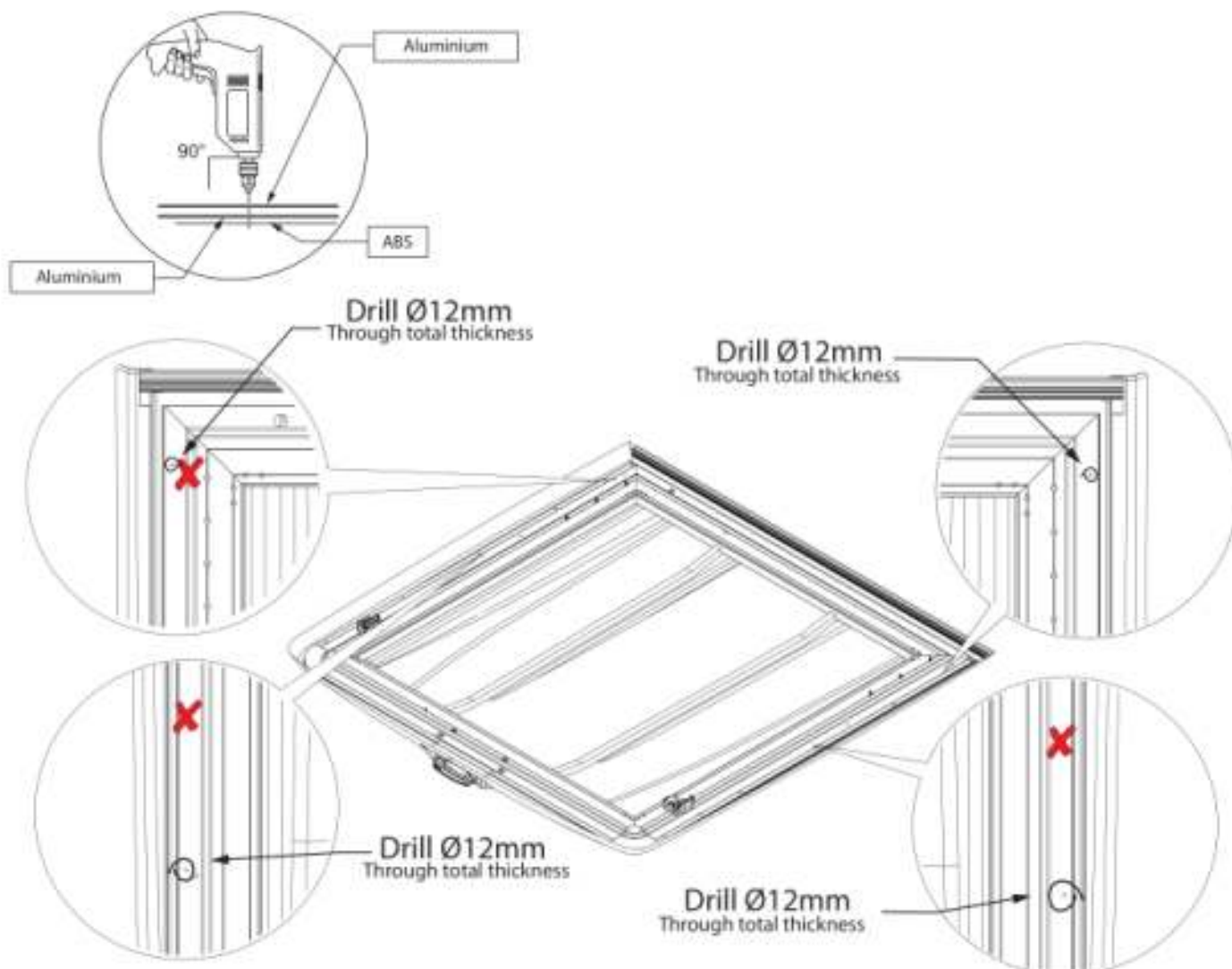
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Step 13

IMPORTANT! Take care and drill correct holes

- Using the pre-drilled pilot holes in the aluminium as a datum, drill $\varnothing 12$ hole through second layer of aluminium and ABS
- Clean up all holes using a de-burring tool.

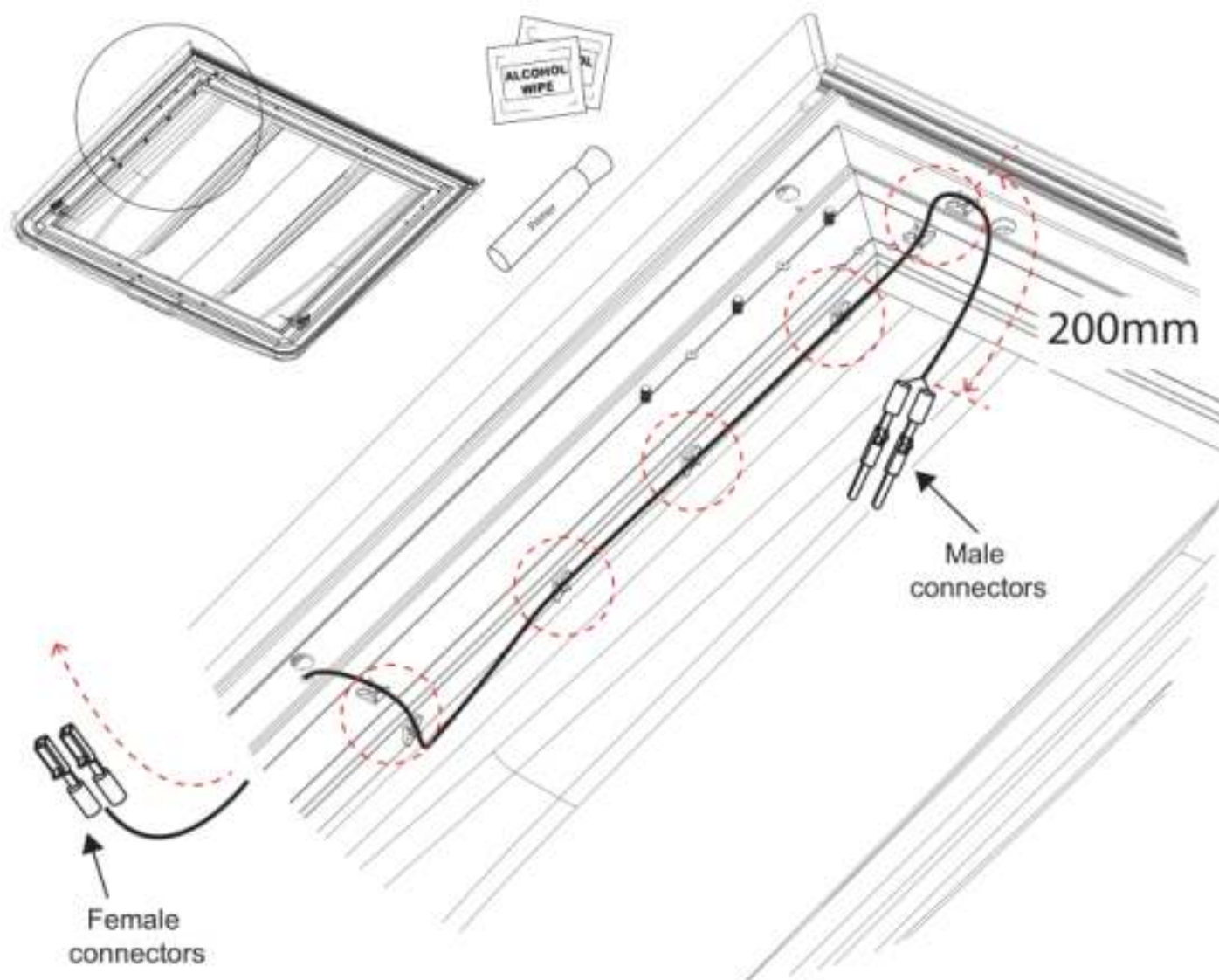


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Step 14

- Clean the internal frame using an alcohol wipe (29). Apply primer (30) in the areas circled.
- Evenly distribute 7 X black cable tie mounts (41) as per image.
- Starting at the front of the lid, fasten the extension loom with approximately 200mm of cable left free. Ensure the male style connectors are at the front of the lid.
- Work your way towards the rear of the lid ensuring the cable is pulled tight in between the cable tie mounts.
- Feed the female style connectors through the 10mm hole drilled in step 11.



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Step 15

- Turn the rubber boots (7,8,9 & 10) upside down.
- Using a sharp knife, remove approximately 20mm of material as illustrated.

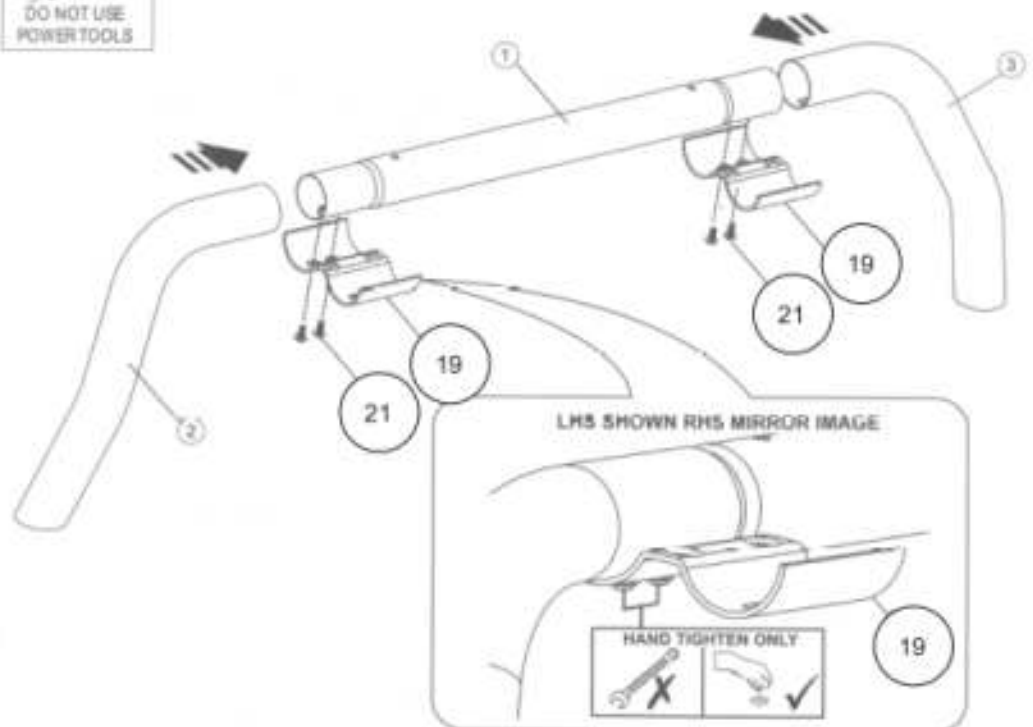


Step 16

- Slide the 3 sections of the front bar assembly together (1,2 & 3).
- Loosely fasten using the socket head flanged bolt (21) and the tube joiner plate (19).
- Do not fully tighten as bars may need to be adjusted.



FRONT ASSEMBLY

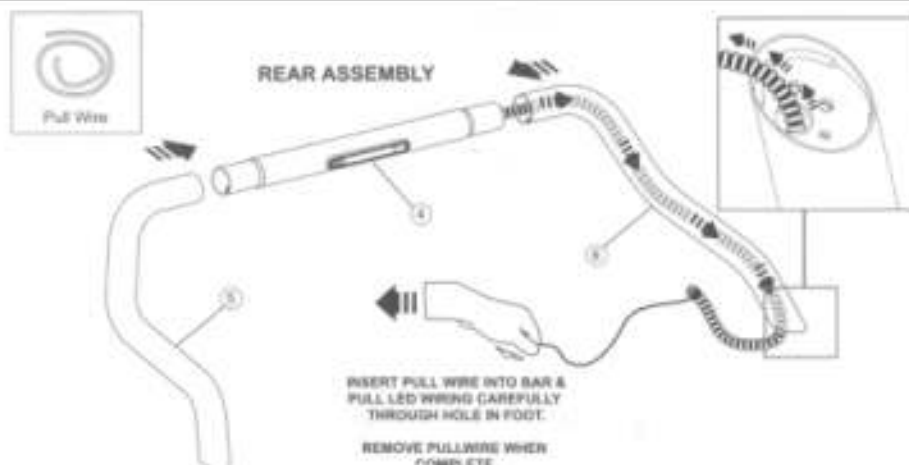


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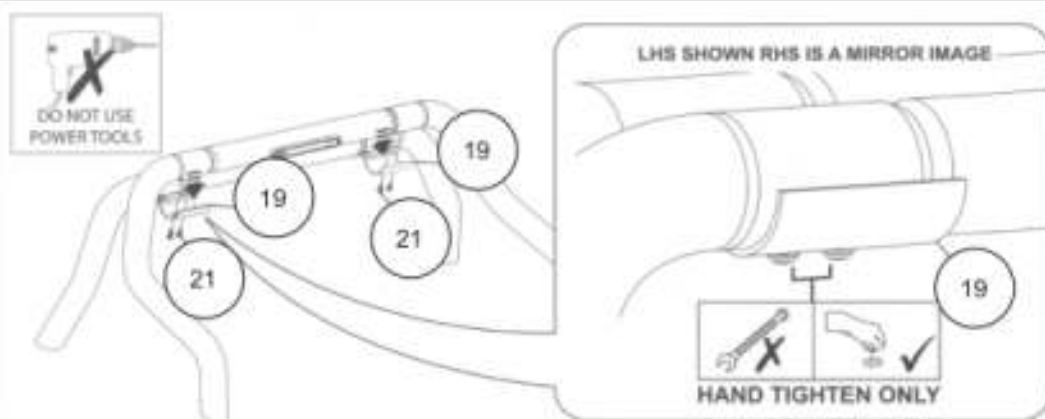
Step 17

- Using a pull wire, thread the CHMSL loom through the right hand side bar (6).



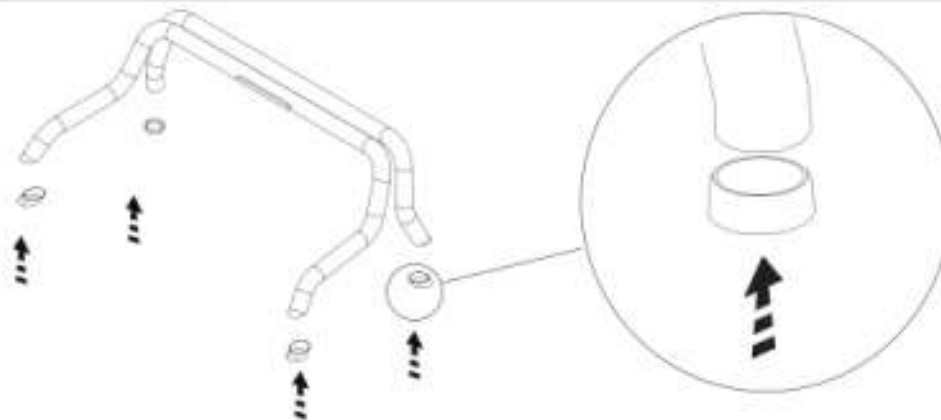
Step 18

- Loosely fasten the rear bar assembly to the front bar assembly using socket head bolts (21) and tube joiner plate (19).
- Do not fully tighten as bars may need to be adjusted.



Step 19

- Place the rubber boots (7,8,9 & 10) onto the bar.

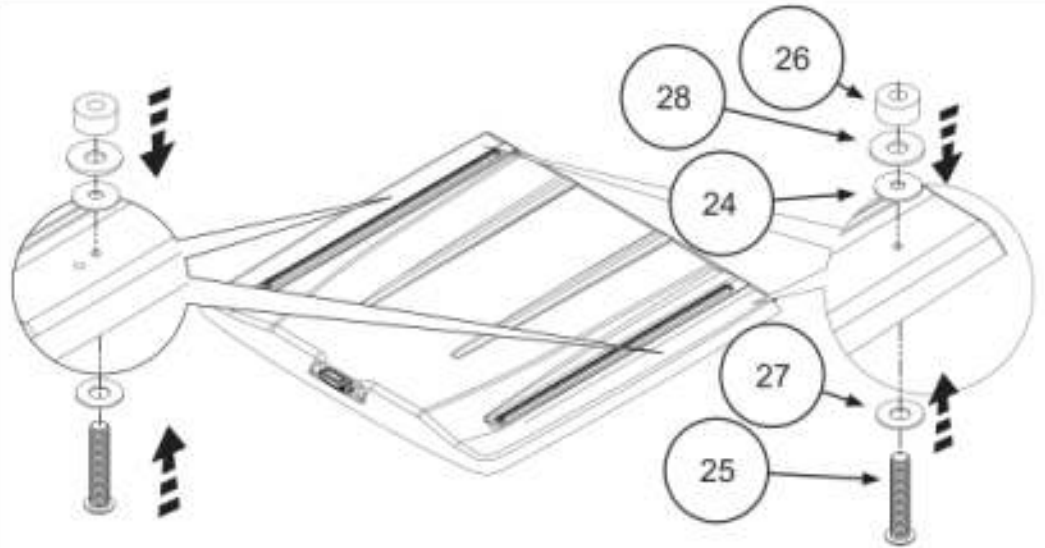


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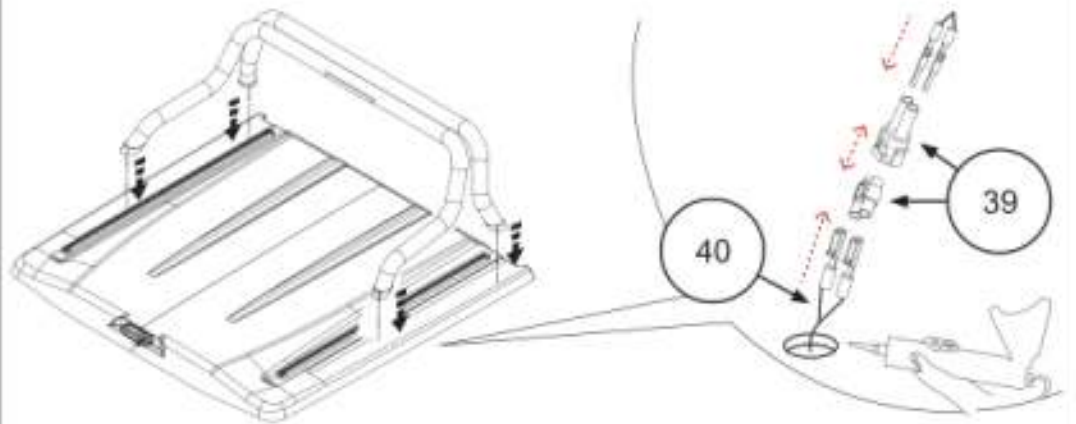
Step 20

- Install fasteners in the order shown.



Step 21

- Place bar onto lid.
- Connect the extension loom (40) to the bar loom using the supplied connectors (39).
- Push the excess wiring back into the sport bar.
- Seal the top side of the hole using non-acetic silicone (not supplied).



Step 22

- Tighten M8 bolts (25) using 5mm hex key and torque wrench.



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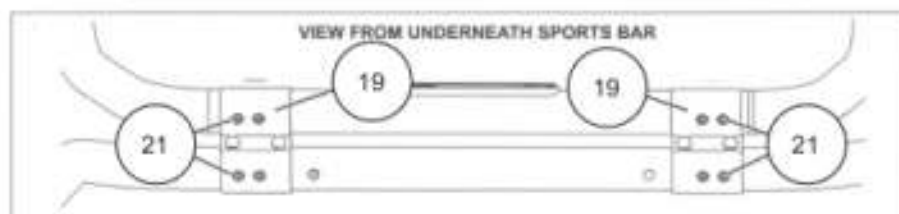
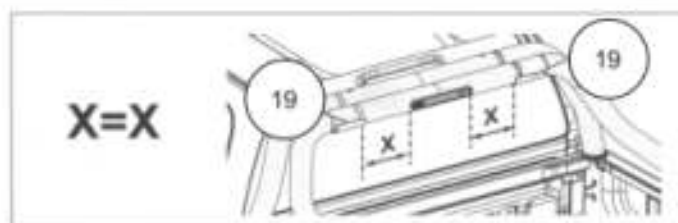
Step 23

- Fix plugs (23) into holes.



Step 24

- Ensure the bar is sitting centrally.
- Tighten the socket head bolts (21) to 7.0 Nm

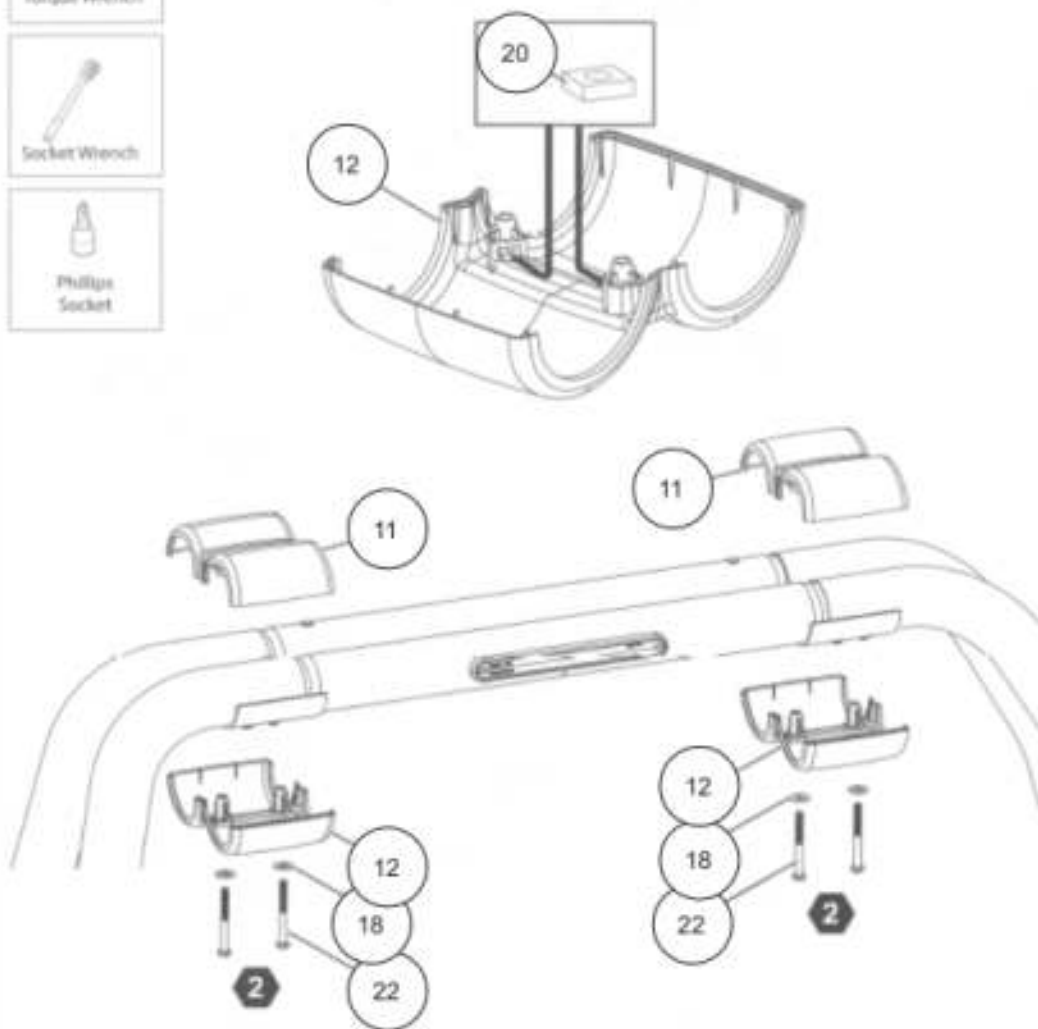
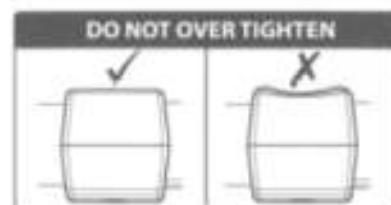


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Step 25

- Install the M5 square nuts (20) into the bosses in the upper tube cover (11).
- Install the upper tube cover (11) and lower tube cover (12) over the bar and fasten together using the M5x50mm cover screw (22) and M5 washer (18).
- Tighten to 1Nm.



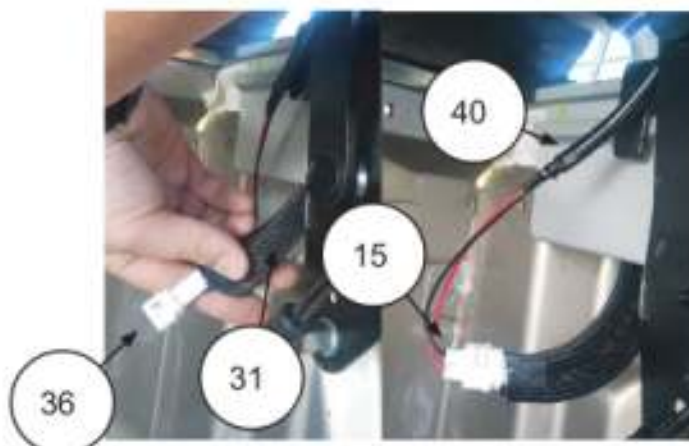
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Step 26

With the Sportlid installed on the vehicle.

- Slide braided sleeve (31) over the exposed wiring loom (36)
- Attach female housing (15) to the extension loom (40).
- Connect the extension loom (40) to the CHMSL loom (36).
- **IMPORTANT** - Ensure colours match!



Step 27

- Allow braided sleeve (31) to cover entire length of exposed loom. Secure in place with electrical tape at the highest point if desired.



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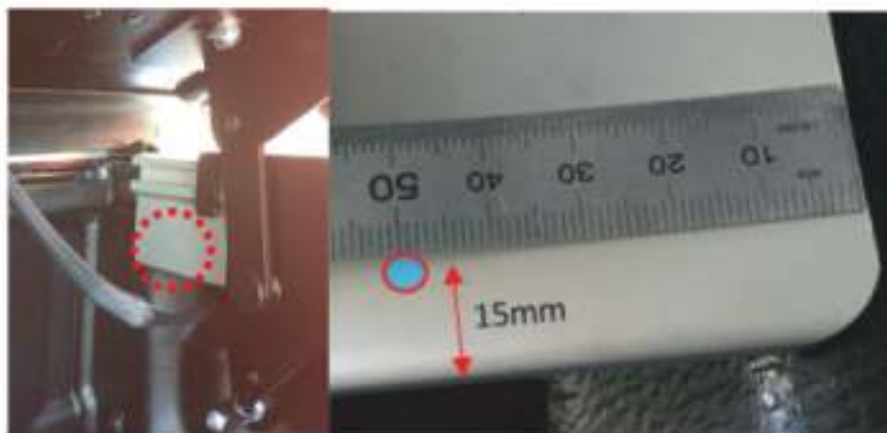
Step 28

- If the SLV has central locking, the following may have already been completed. In this case, mounting hardware can be shared with CHMSL wiring loom.
- Ensure reusable cable tie is adjusted to allow for the added CHMSL loom wiring to pass through.
- Alternatively, continue to the next step.



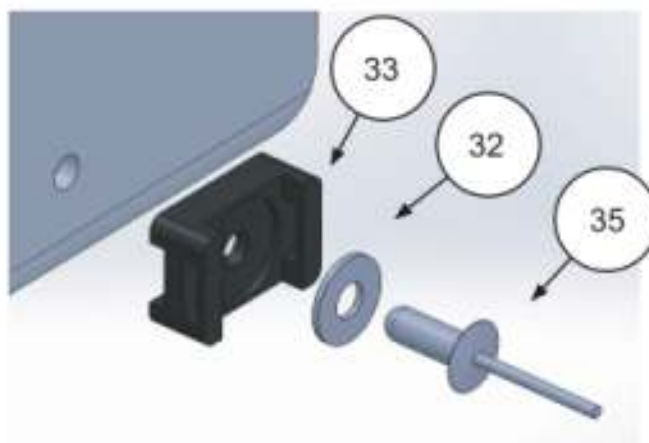
Step 29

- Drill a 5mm hole in the right hand Vehicle Connector Rail (VCR) at the location shown.
- 15mm up from bottom edge, 50mm in from leading edge



Step 30

- Rivet cable mount and washer (32 & 33) into position using rivet (35).



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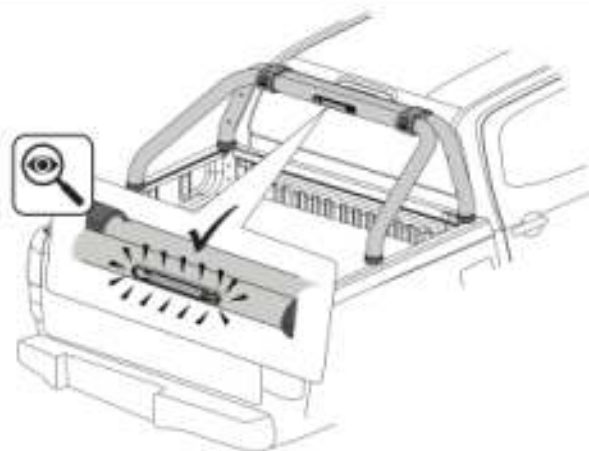
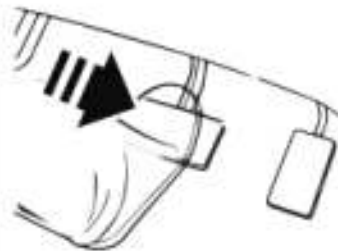
Step 31

- Using the reusable cable tie (34) LOOSELY fasten wiring loom to the mount.
- Note: the loom must be able to slide through the cable tie as the SPORTLID is opened and closed.
- Push any excess patch loom back toward the rear light and tighten the cable ties underneath the rail.



Step 32

- Check brake light function.



Step 33

- Check brake light on vehicle is disabled.

