OEM Sportbar Fitting Instructions
For HardLid Isuzu Dmax 20+

ARB New Zealand	
Part #	10058213
Instruction #	10058218

PRO-FORM | ARB 4X4 ACCESSORIES

OEM Styling Bar Fitting Instructions for HardLid Isuzu Dmax 20+

READ INSTRUCTIONS CAREFULLY BEFORE COMMENCING THIS ACTIVITY.

General Notes
To aid in installation the correct order of installation needs to be followed:

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

**HardLid 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.*

- HardLid is supplied with 400N Gas Struts which are suitable for an unloaded lid. Recommended maximum loading of 25 kgs when opening the lid. If you require your lid to remain open whilst loaded, you will need to purchase a Heavy Load Strut Upgrade Kit which is available through your local dealer. Please use one of the following part numbers as a reference when contacting your dealer:

ARB NZ Part #	ARB AU Part #	Gas Strut N	
10056207	176202	450N	
10056209	176201	500N	

- 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.
- 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.
- **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	Metric Hex Key Set	
3	Metric Drill Bit Set		4	Rivet Gun	
5	Knife		6	Metric Ruler	
7	Torque Wrench		8	Metric Spanner Set	
9	Non-acetic silicone		10		

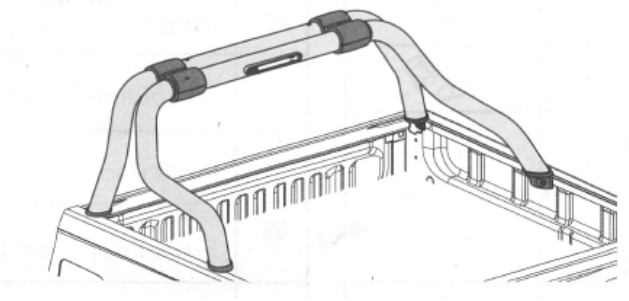
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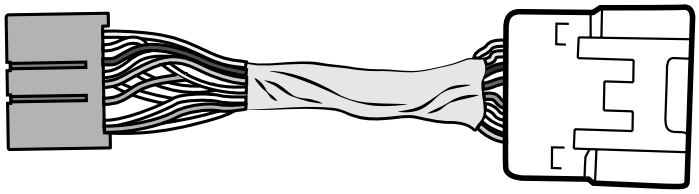
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Original part information:
Contact your local Isuzu dealer for fitting kit instructions and service parts..



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 HARDLID 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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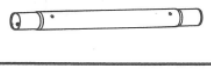
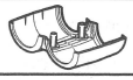
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OEM Styling Bar Fitting Instructions for HardLid Isuzu Dmax 20+

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OEM Kit Contents- Hardware supplied as part of SB0045

NOTE: Items blocked out are not required for fitment to ARB HardLid. Items re-numbered accordingly.

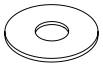
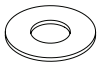
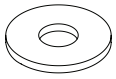
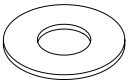
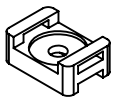
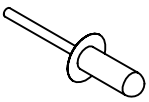
1	Sports Bar Front Top Tube	1	
2	Sports Bar Front LHS Leg	1	
3	Sports Bar Front RHS Leg	1	
4	Sports Bar Rear Top Tube	1	
5	Sports Bar Rear LHS Leg	1	
6	Sports Bar Rear RHS Leg	1	
7	Front Foot Cup LHS	1	
8	Front Foot Cup RHS	1	
9	Rear Foot Cup LHS	1	
10	Rear Foot Cup RHS	1	
11	Upper Tube Cover	2	
12	Lower Tube Cover	2	
13	Cable Tie	10	
14	Tie Base	10	
15	Housing Female	1	
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	
22	M5x50mm Cover Screw	4	

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Aftermarket Kit Contents- Hardware for fitment with ARB Sportlid

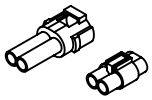
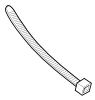
No.	Item Description	Quantity	Image	Part Number
24	WASHER M6X22X3MM BLK EPDM	4		10056099
25	CAPSCREW B/HEAD M8X50MM SS	4		10054543
26	SPACER M8X10MM NYLON	4		10053165
27	WASHER FLAT M8X19X1.2MM	4		10003717
28	WASHER FLAT M8X24X2MM SS316	4		10055714
29	ISOPROPYL ALCOHOL WIPES 70%	2		10051664
30	3M 94 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		10052887

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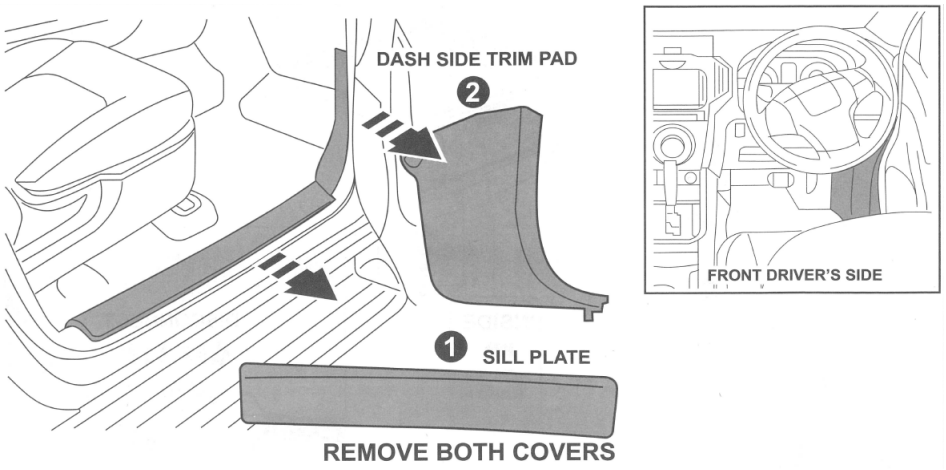
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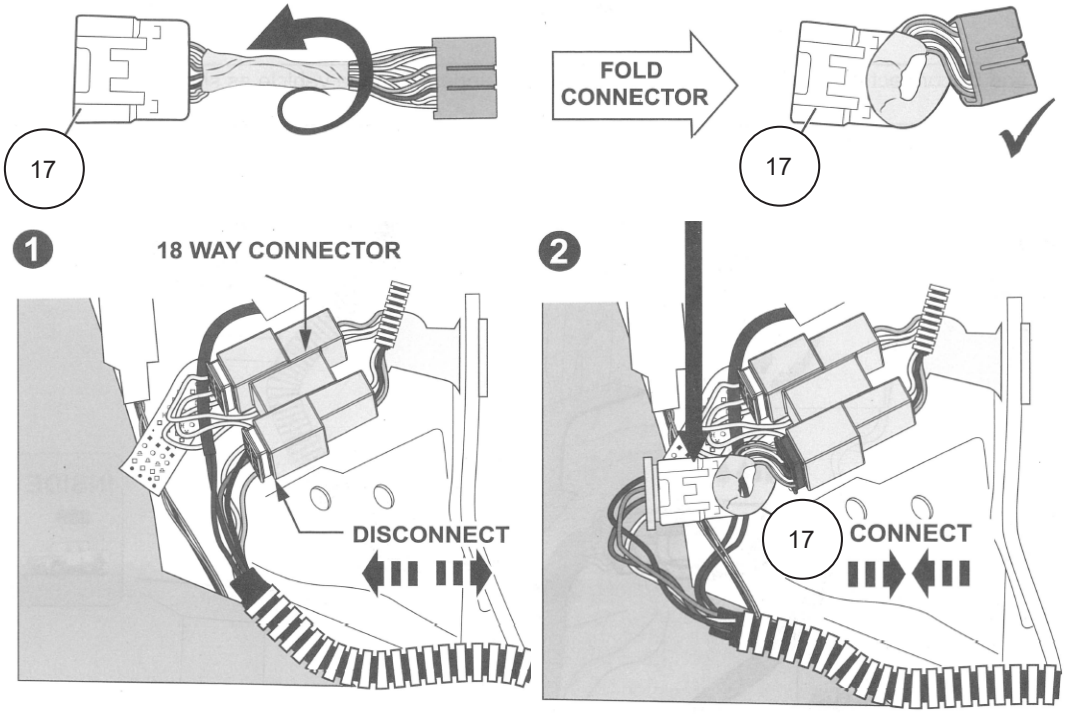
Step 1

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



Step 2

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



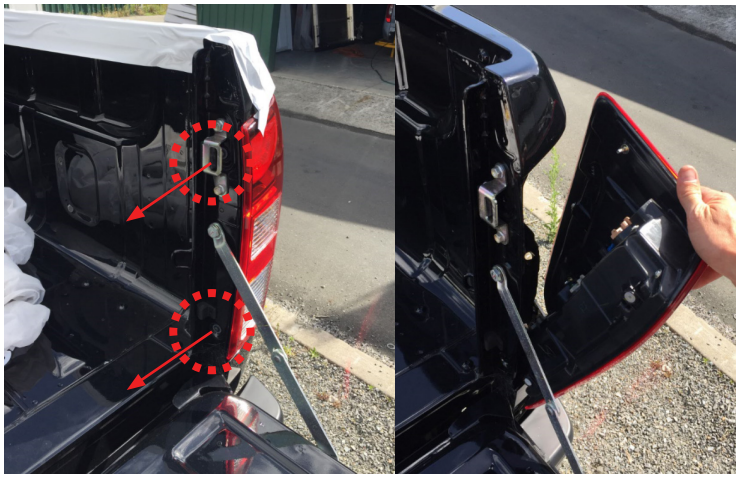
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Step 3

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



Step 4

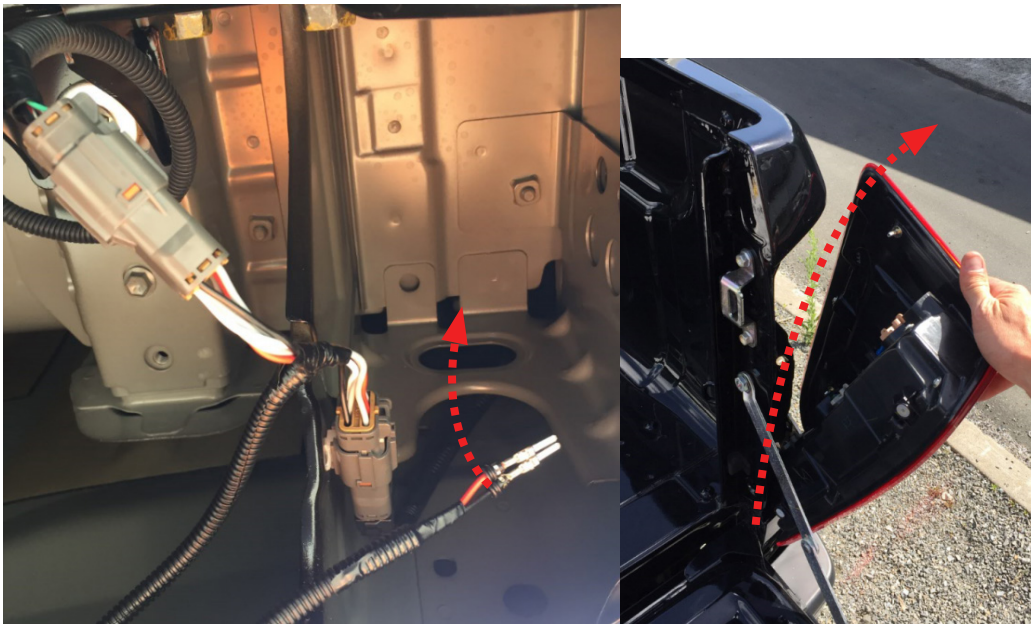
- Look beneath the rear right hand side corner of the vehicle to locate the brake light connector.
- Disconect the connector.



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

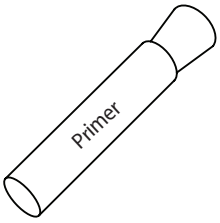
- Once the patch loom has been pulled through, fasten the loom to the chassis using a cable tie (38)
- Ensure the connectors are pulled up in behind the steel work to help protect them.

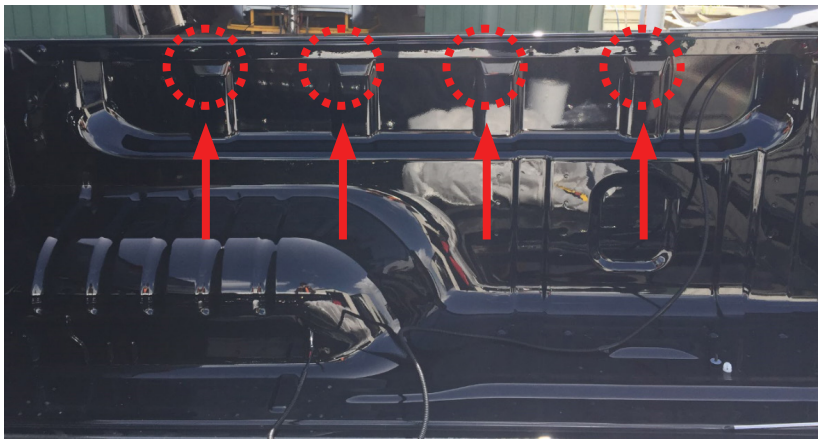


Step 8

- 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.







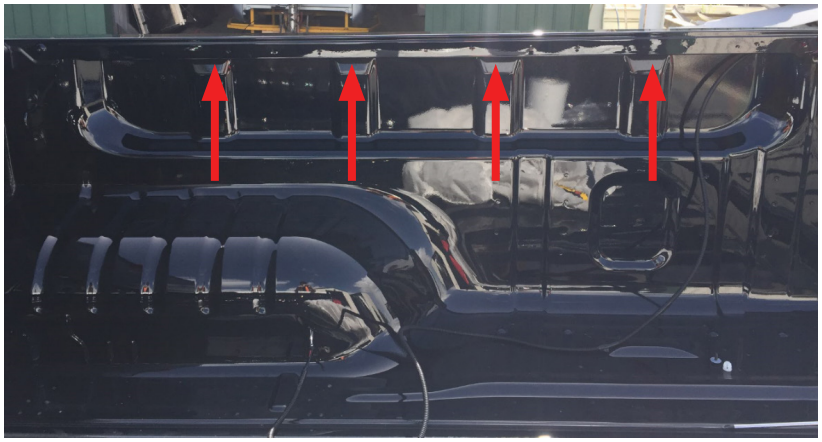
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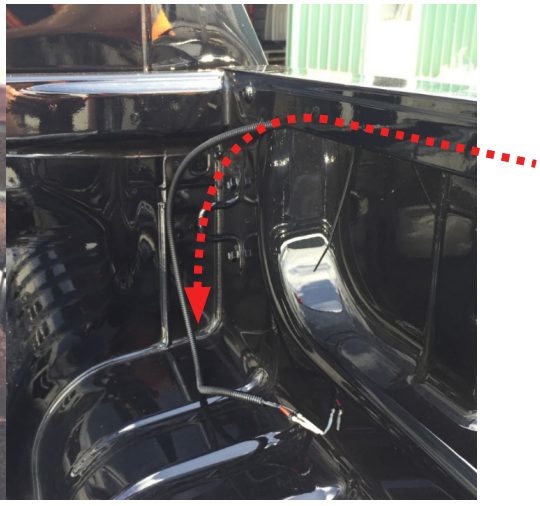
READ INSTRUCTIONS CAREFULLY BEFORE COMMENCING THIS ACTIVITY.

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.

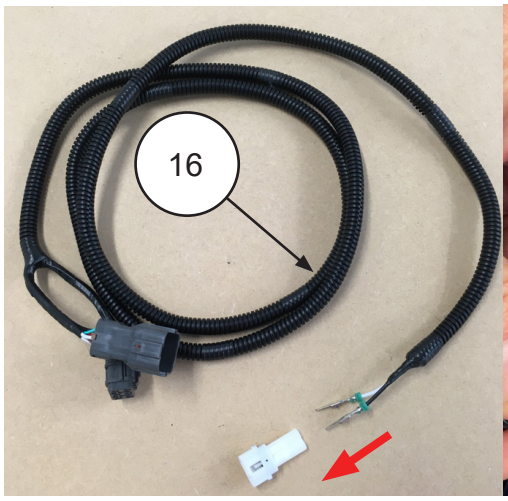


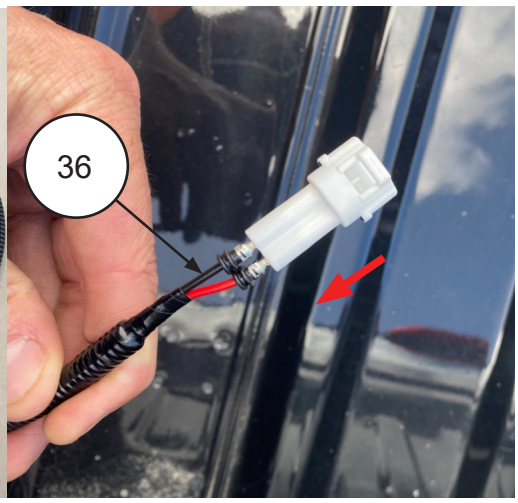




Step 10

- Using a small screw-driver, 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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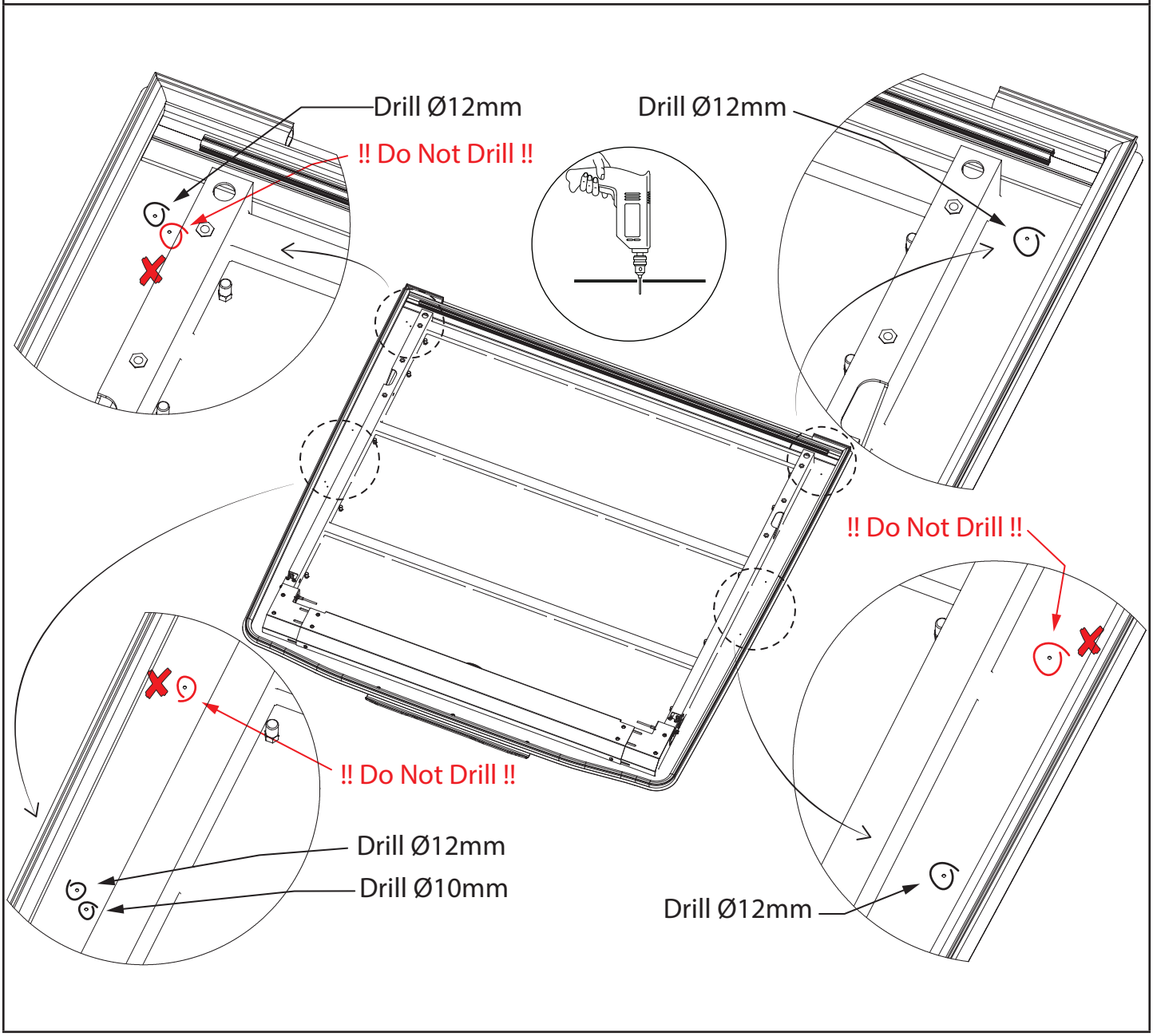
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Step 11

IMPORTANT! Take care and drill correct holes

- Using pre-drilled pilot holes, drill through the aluminium according to the below image.



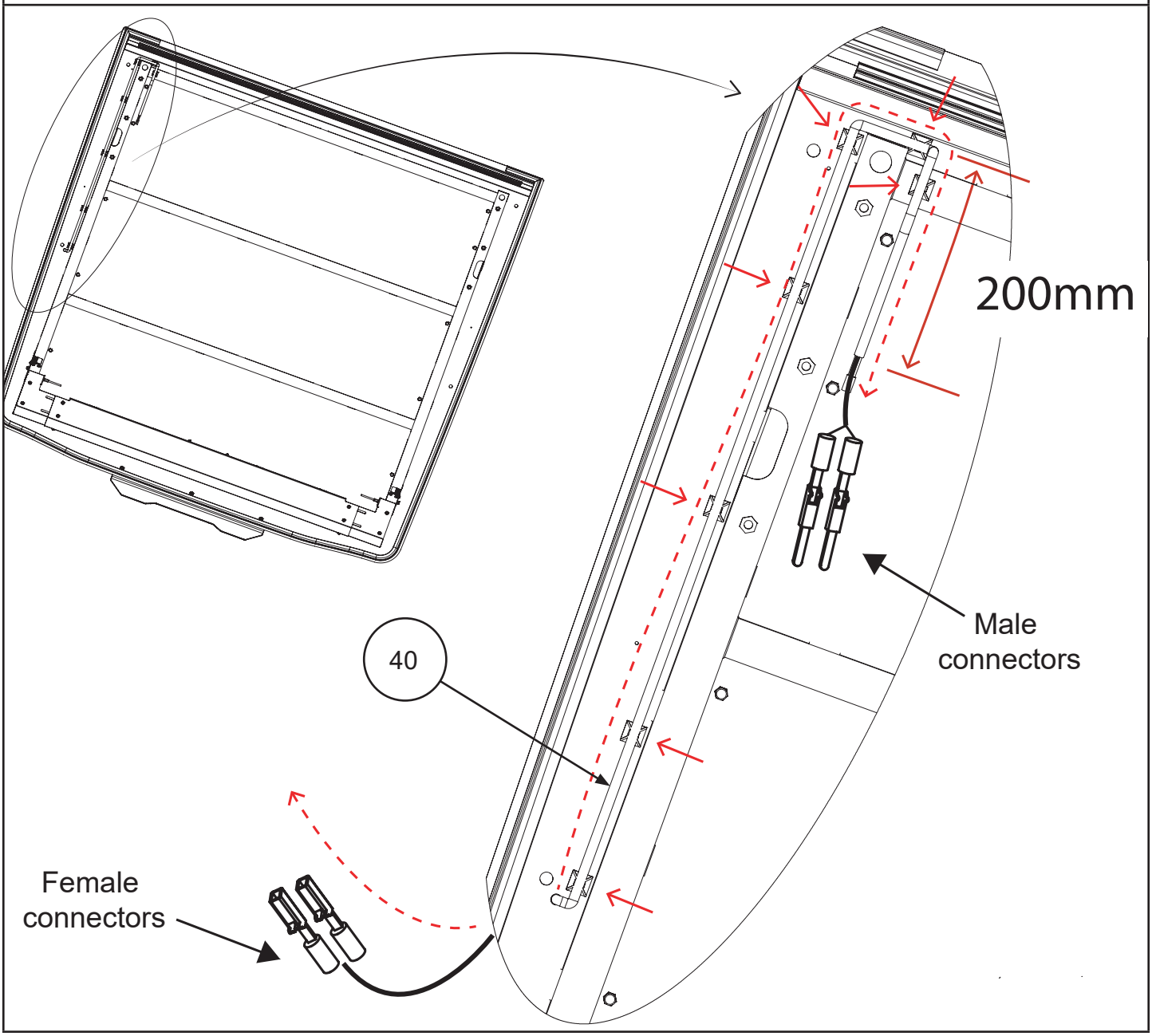
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Step 12

- Clean the internal frame using an alcohol wipe (29). Apply primer (30) in the areas indicated by the arrows.
- 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.



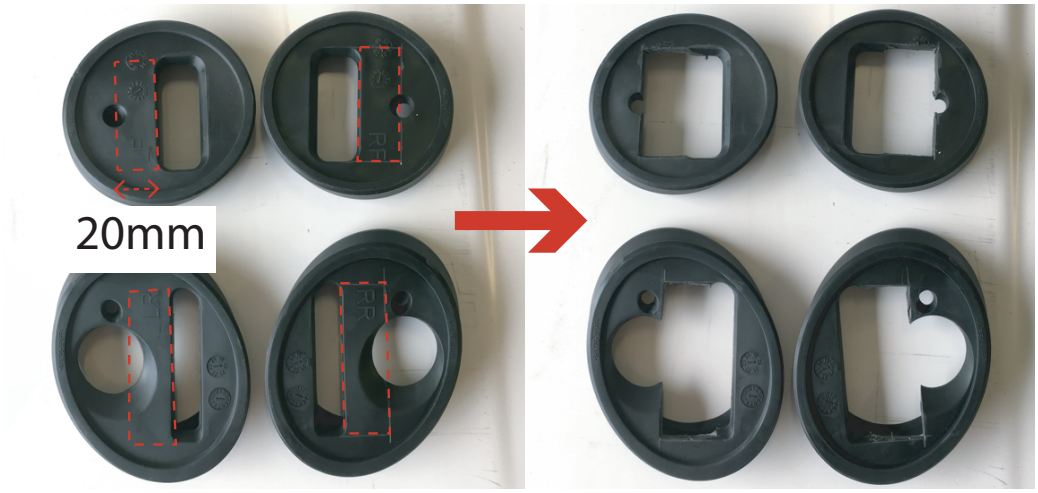
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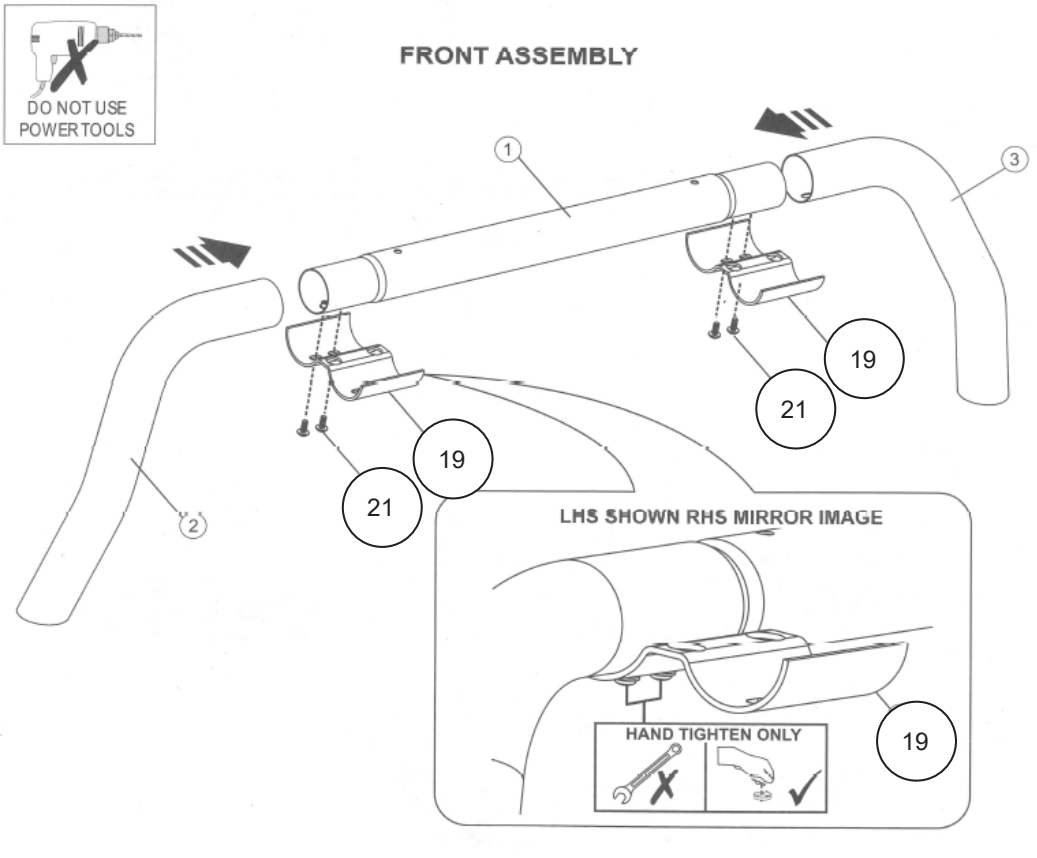
Step 13

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



Step 14

- 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.



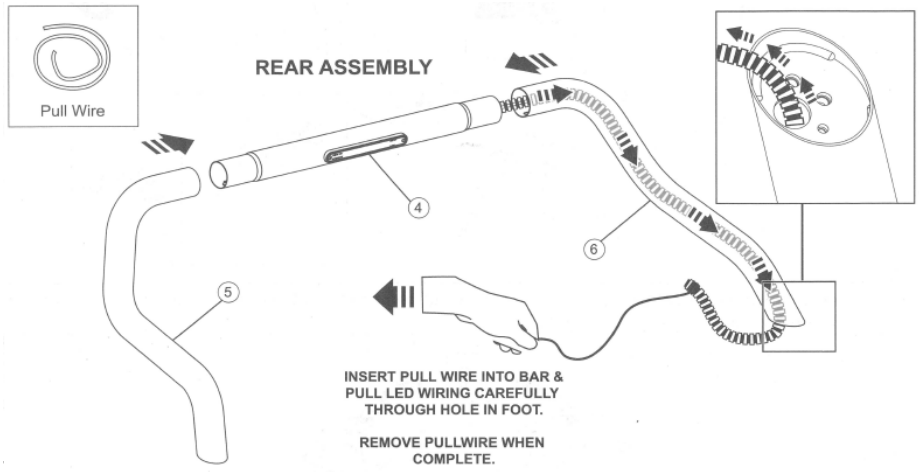
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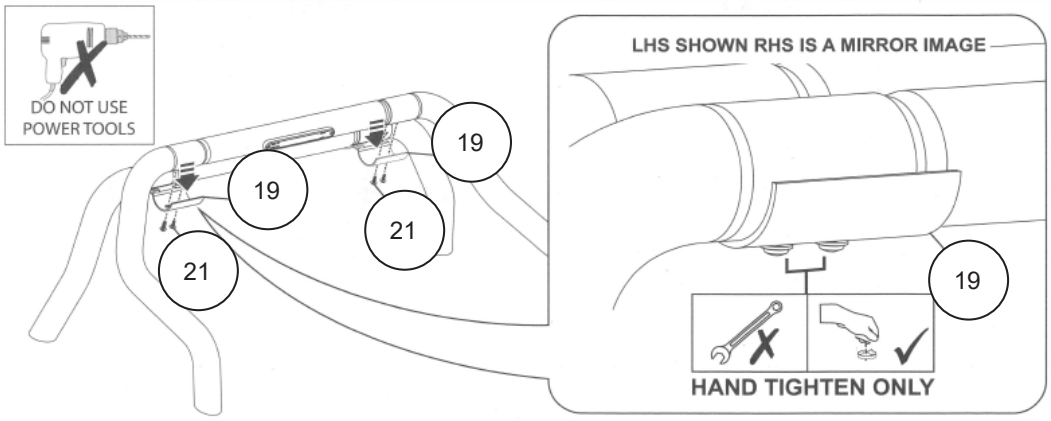
Step 15

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



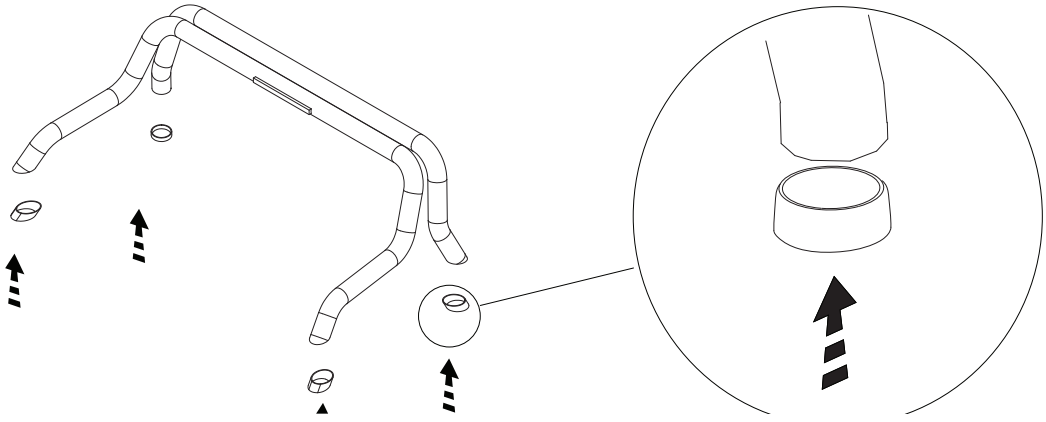
Step 16

- 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 17

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



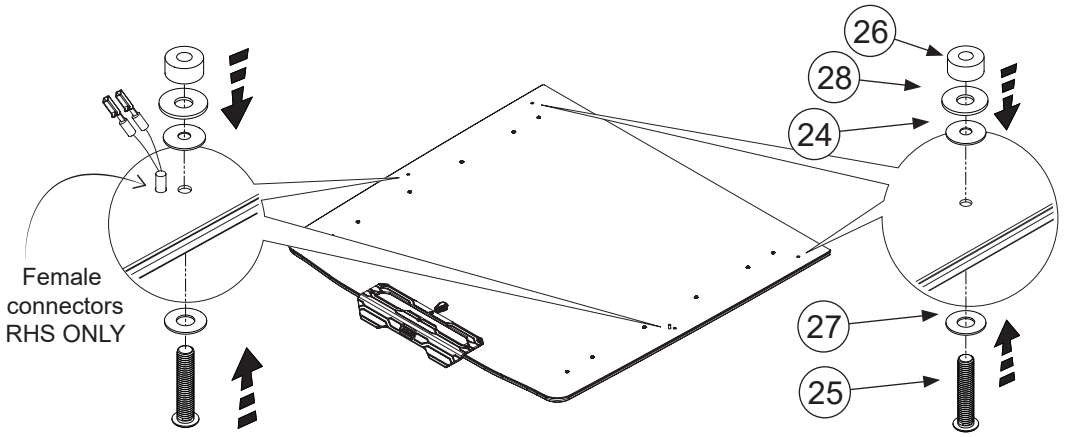
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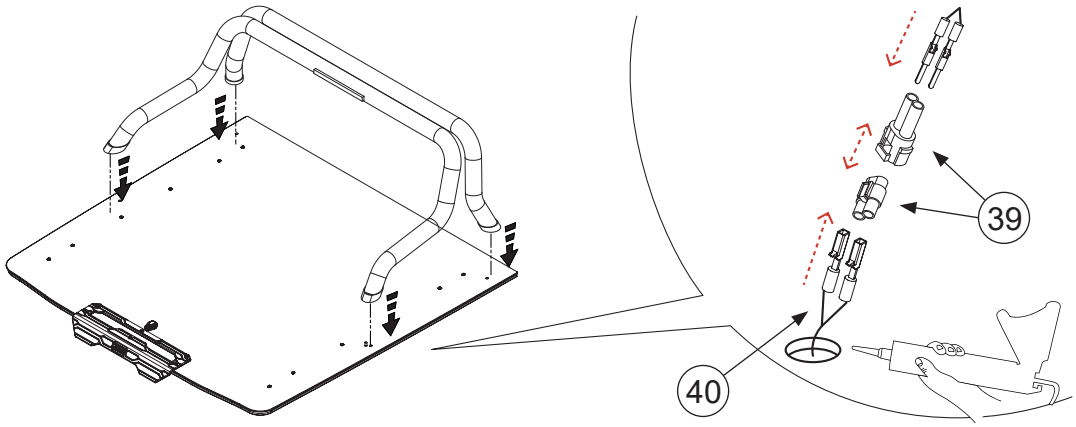
Step 18

- Install fasteners in the order shown.



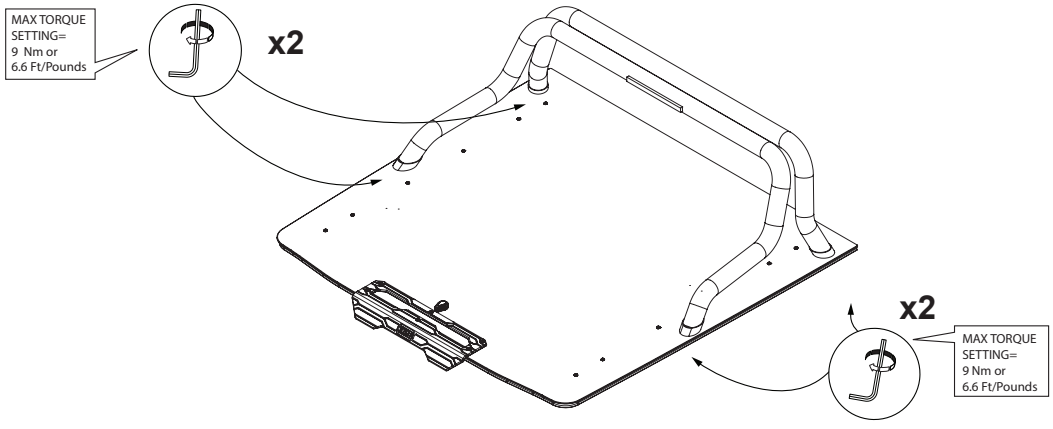
Step 19

- 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 20

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

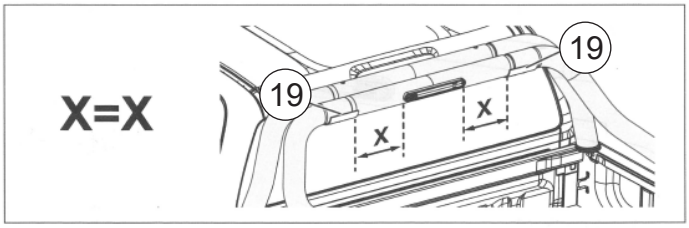


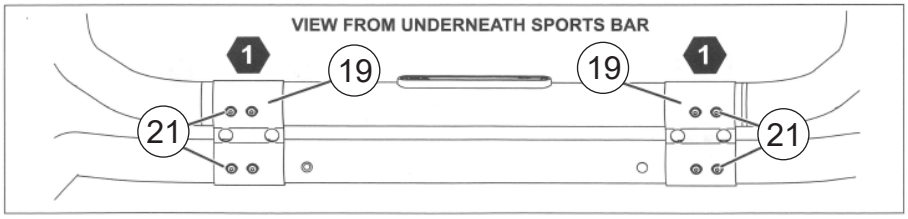
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Step 21

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

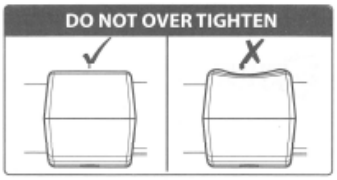


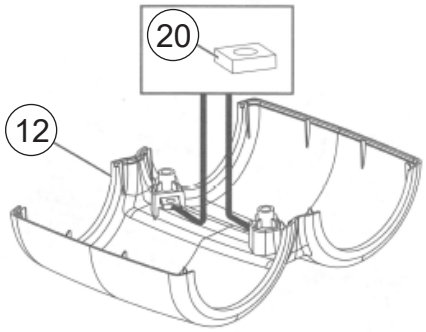


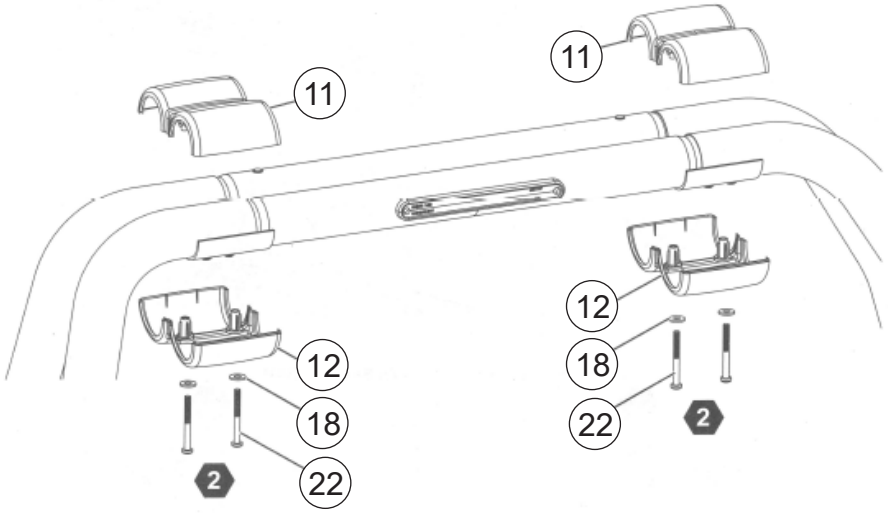
Step 22

- 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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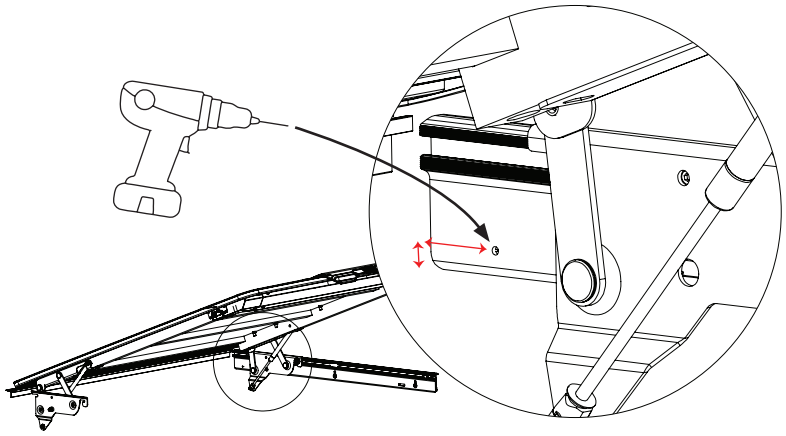
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Step 23

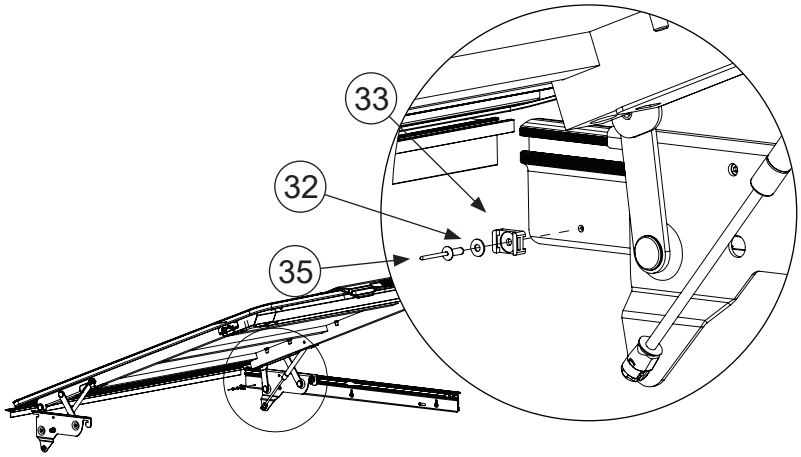
Note: If premium kit has already been installed this step may of already been completed.

- 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 24

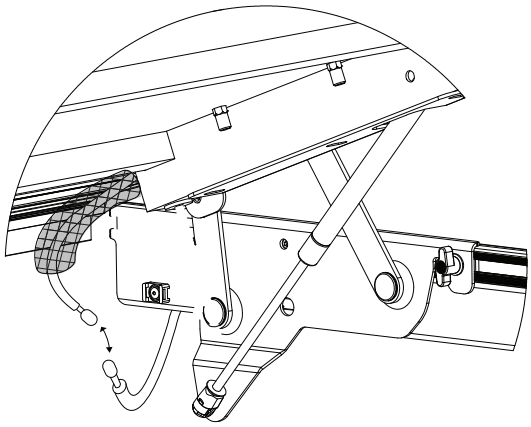
- Rivet item 18 & 19 into position using item 21.

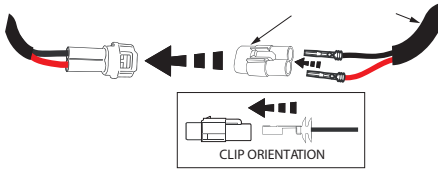


Step 25

With the HardLid installed on the vehicle.

- Slide braided sleeve (31) over the exposed wiring loom (36)
- Plug sportbar plug into wiring loom plug.
- **IMPORTANT** - Ensure colours match!





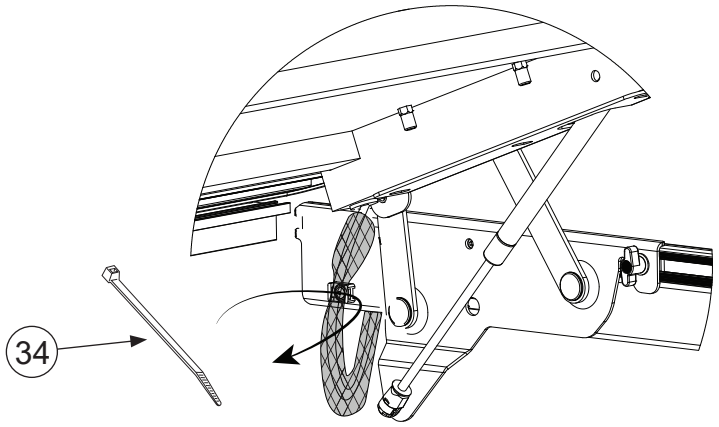
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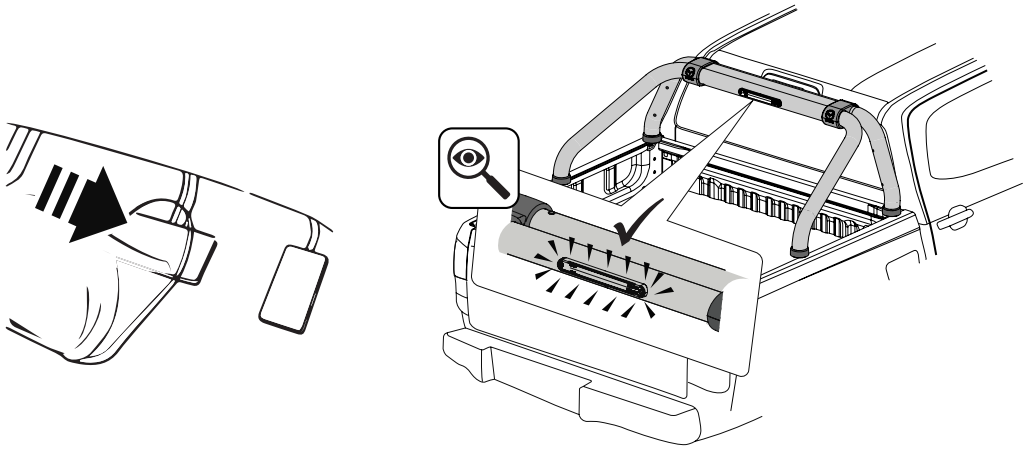
Step 26

- Loosely fasten the looms to the side rail using the reusable cable tie (34).



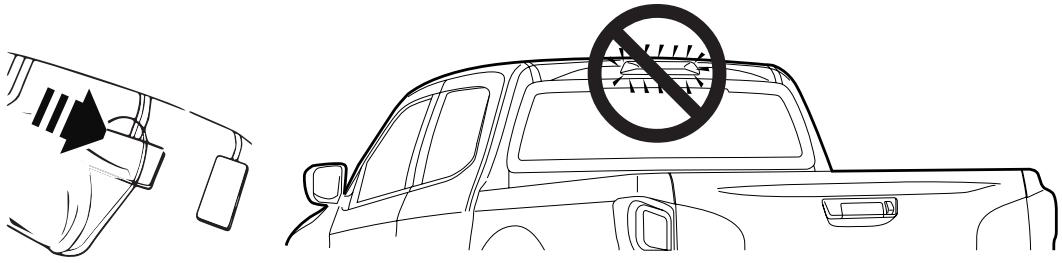
Step 27

- Check brake light function.



Step 28

- Check brake light on vehicle is disabled.



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