

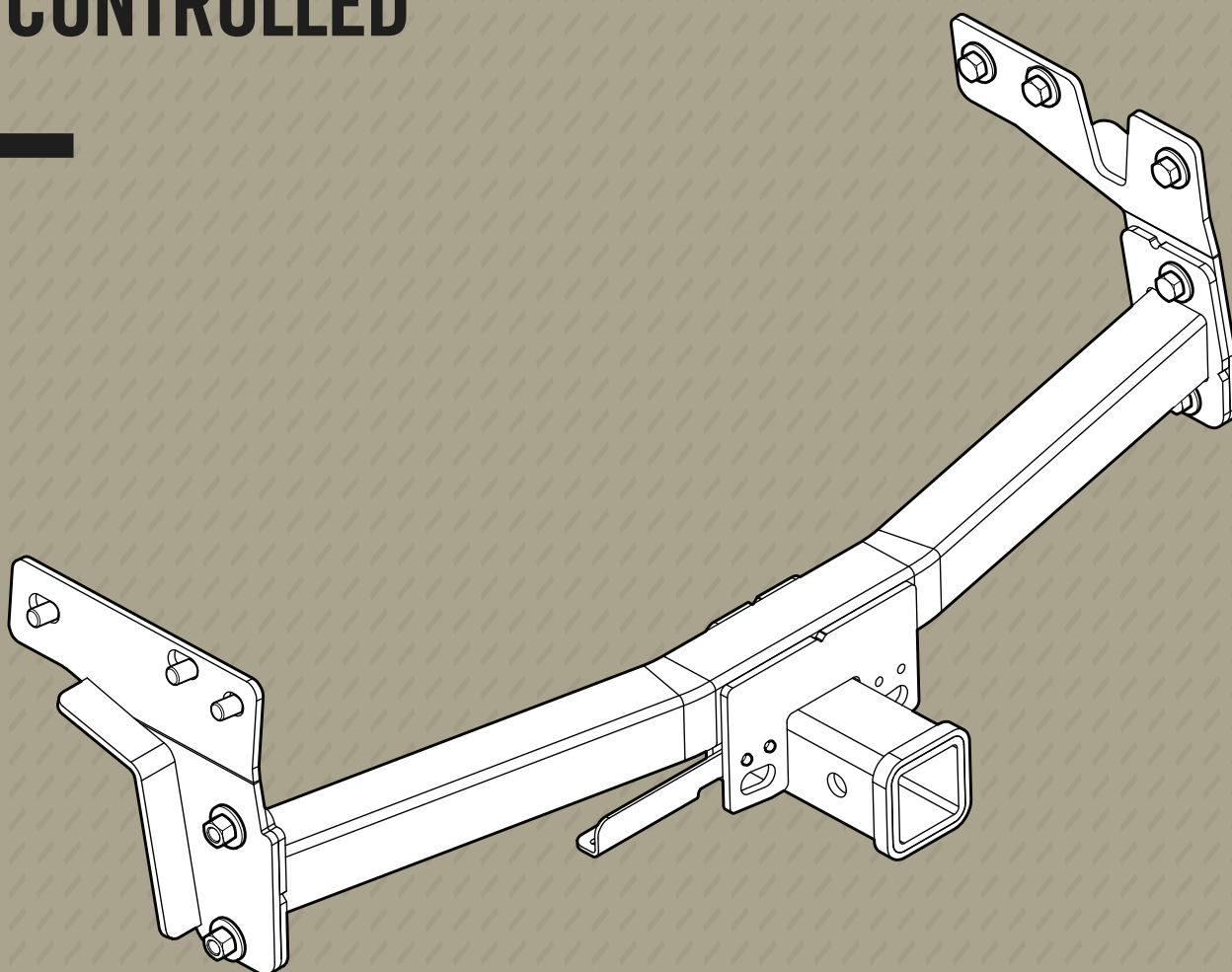


EST 1956
CARASEL®

**FITTING
INSTRUCTIONS**

CHERRY — TIGGO 8

P/N — CE3G2
CONTROLLED



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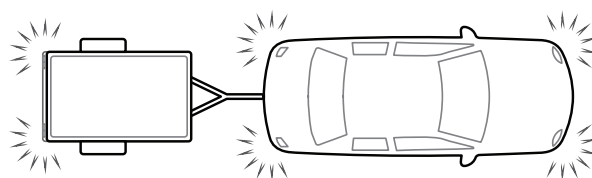
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IMPORTANT INFORMATION

- CHECK THE MAXIMUM TOWING CAPACITY OF YOUR VEHICLE AS STATED BY THE VEHICLE MANUFACTURER.
- DO NOT EXCEED THE MAXIMUM TOWING CAPACITY OF YOUR VEHICLE OR OF THIS TOWBAR. COMPLY WITH THE LOWEST OF THESE TWO VALUES.
- THIS PRODUCT IS FOR TOWING PURPOSES ONLY AND MUST ONLY BE LOADED AS STATED IN YOUR VEHICLE OWNER'S MANUAL.

CHECK:



0km



+1000km



+1000km



+1000km






GENERAL:

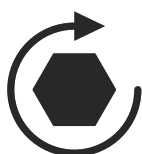
- Read these instructions thoroughly and check all components are correct before installation.
- These instructions must be followed for warranty to be upheld.
- Check that the towbar is suitable for the vehicle and be wary of any aftermarket changes to the vehicle design that may conflict with the fitting of this towbar. (Tray, Canopy, Suspension etc.)
- Load ratings specified are under the assumption that your trailer has suitable braking systems for its weight.
- After installation is completed, store these instructions in the vehicle's glovebox with vehicle's manual.
- When towing a load behind your vehicle, the handling characteristics of your vehicle will be affected. Be cautious when cornering, braking and accelerating, especially when towing wind-resistant loads, and when travelling in off-road conditions.

WARNING:

- Always inspect towbar and towbar accessories before use.
- Do not use towbar if any signs of damage, rust corrosion or fractures are present.
- Do not alter or modify this towbar in any way.
- Do not install / use towbar if there is any damage near the towbar mounting area, or if your vehicle is involved in a collision.
- If vehicle drilling is required, check behind chassis rail and body panels before drilling to ensure no hazards are present. After drilling, remove swarf and treat exposed metal with a rust inhibitor.
- Ensure that your vehicle is on level ground and securely parked before beginning installation / maintenance work.
- Always wear appropriate protective gear before beginning installation / maintenance work. 

TOWBAR MAINTENANCE AND CARE:

- Regularly inspect all bolted connections, ensuring they are torqued to the specifications below and are in good condition.
- Clean tow ball and hitch with brake cleaner to avoid abrasion.
- When not in use, store the Tow Ball Mount assembly and CLASS 4 Pin and Clip inside the car away from moisture.
- Before driving with a trailer, attach the trailer to the towbar and check that all electrical wiring is fully functional.



TIGHTEN BOLTED CONNECTIONS TO THE FOLLOWING TORQUE SETTINGS,
UNLESS OTHERWISE SPECIFIED IN INSTRUCTION STEPS:

M16: 210 - 240 Nm

M12: 100 - 120 Nm

M6: 12 - 15 Nm

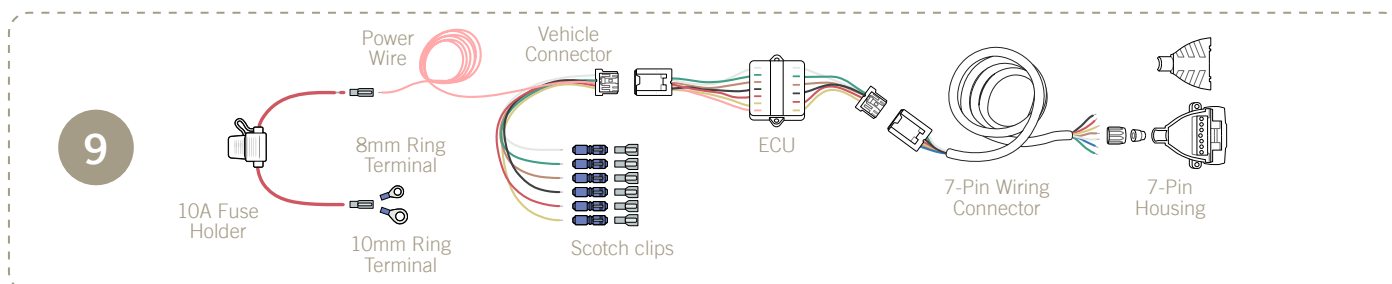
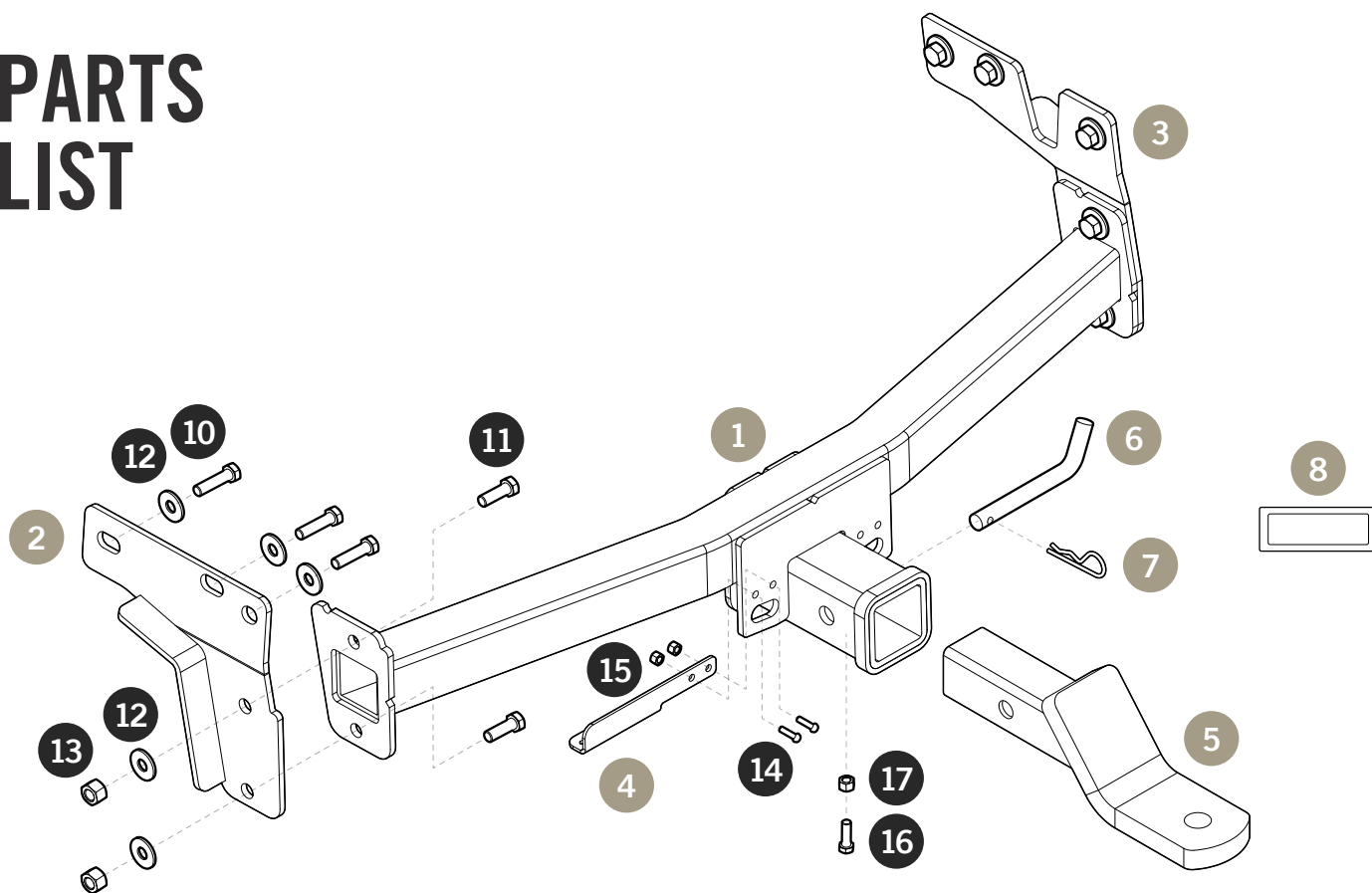
M14: 150 - 170 Nm









M10: 60 - 70 Nm

M4: 4 - 5 Nm

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PARTS LIST



#	PART	QTY	#	HARDWARE	QTY
1	CROSS-BEAM	x1	10	M12 x 40mm x 1.25p BOLT	x6 
2	LEFT CORNER BRACKET	x1	11	M12 x 30mm x 1.25p BOLT	x4 
3	RIGHT CORNER BRACKET	x1	12	M12 FLAT WASHER	x10 
4	7 PIN BRACKET	x1	13	M12 x 1.25p NUT	x4 
5	TOWBAR HITCH	x1	14	M6 x 20mm BUTTON SCREW	x2 
6	PIN	x1	15	M6 NYLOC NUT	x2 
7	R-CLIP	x1	16	3/8" ANTI RATTLE BOLT	x1 
8	LOAD RATING STICKER	x1	17	3/8" NUT	x1 
9	TOWBAR BYPASS KIT	x1			

TOOLS REQUIRED



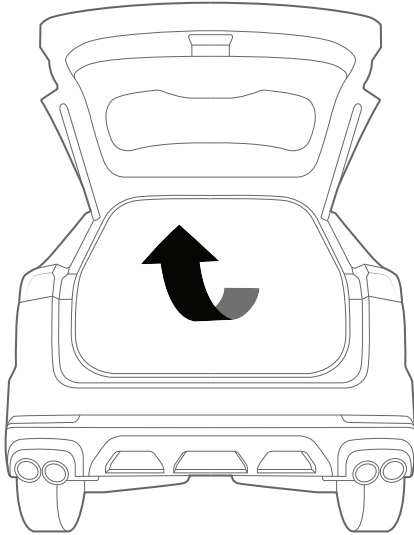
- 19mm Socket Wrench + Torque Wrench
- 1/2" Socket Wrench
- Soldering Iron
- Electrical Tape

- Electrical Wire 1.5mm (7 meters)
- Split Wire Loom (5 meters)
- Zip ties x5
- M12 1.25p Threading Tap + Power Drill

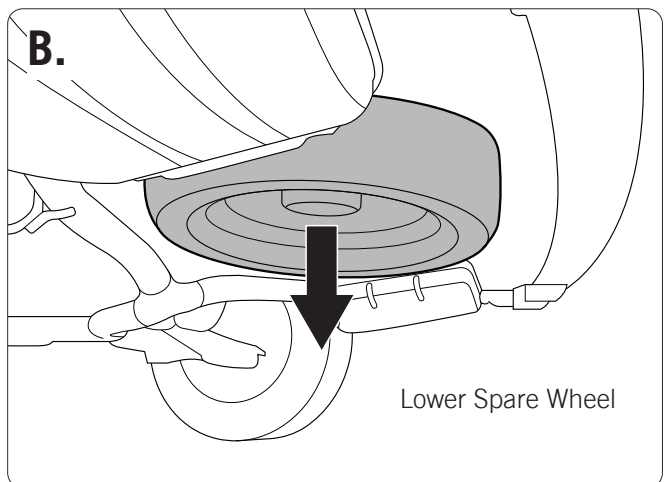
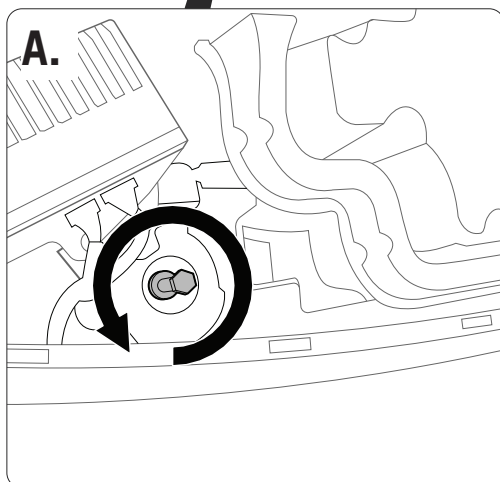
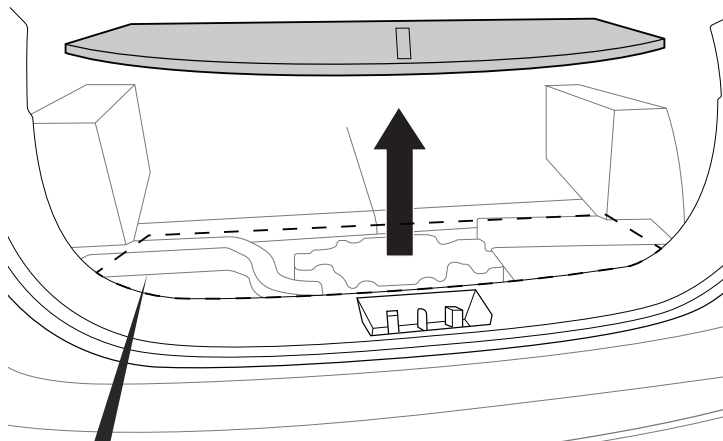


VEHICLE PREPARATION

STEP 01

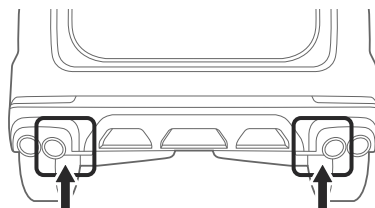


STEP 02

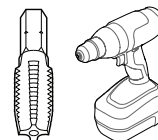


TOWBAR INSTALLATION

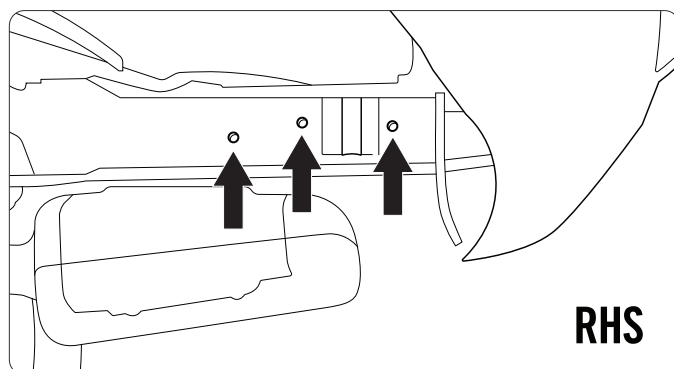
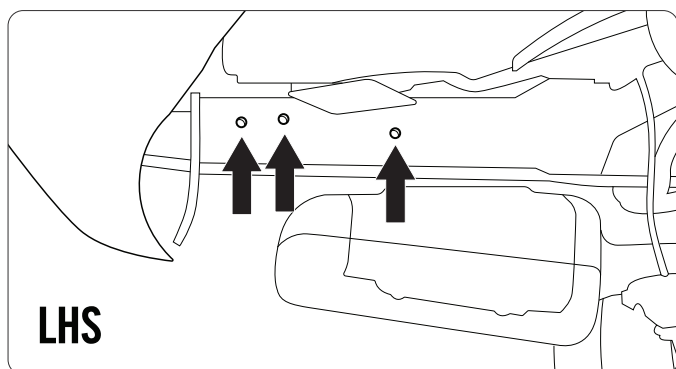
STEP 03



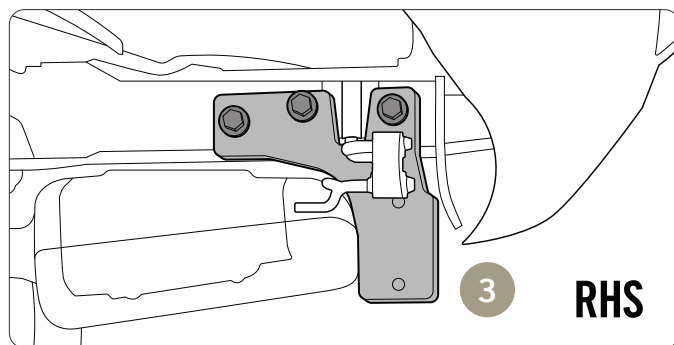
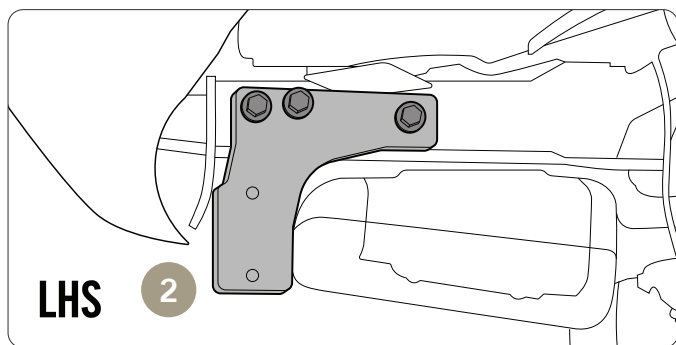
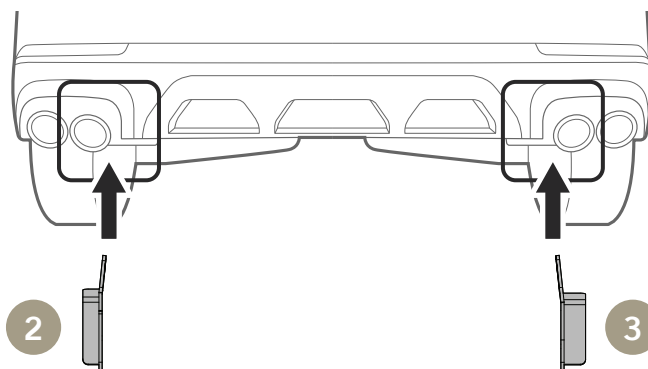
M12 1.25p Threading Tap +
Power Drill



Clear out x6 Chassis mounting holes using a M12 1.25p Thread Tapping drill bit.

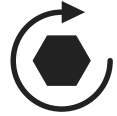
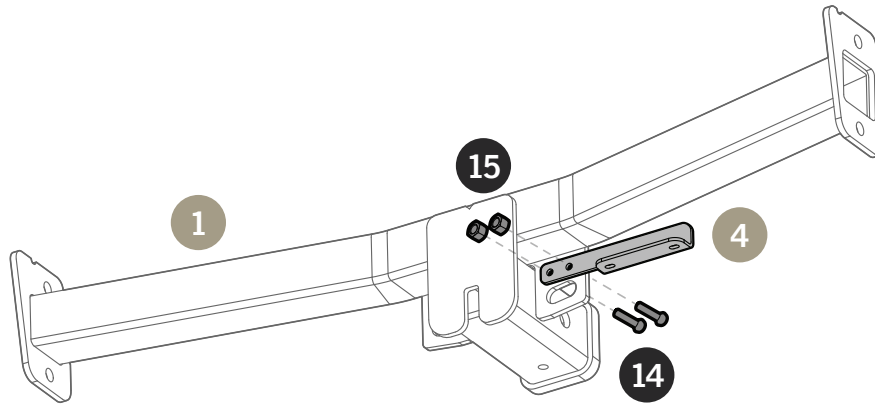


STEP 04



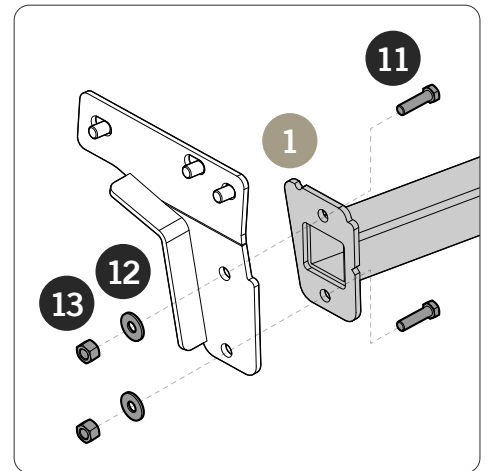
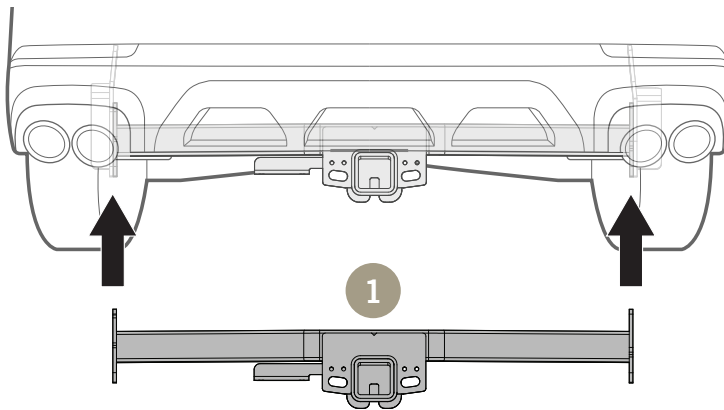


STEP 05

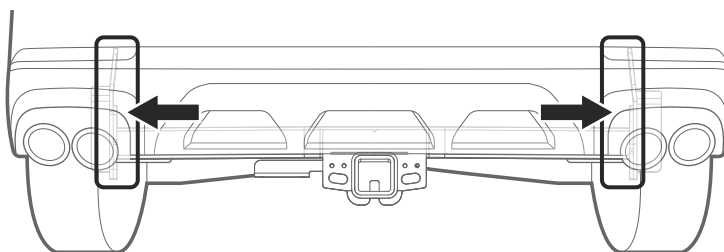


M6: 12-15 NM

STEP 06



STEP 07

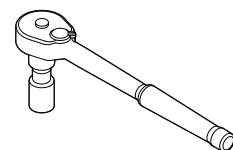


TIGHTEN ALL HARDWARE



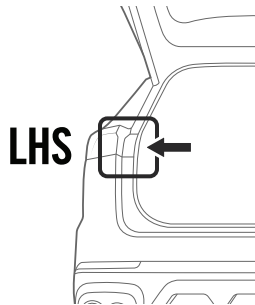
M12: 100-120 NM

19mm Socket Wrench
+ Torque Wrench



WIRING STEPS

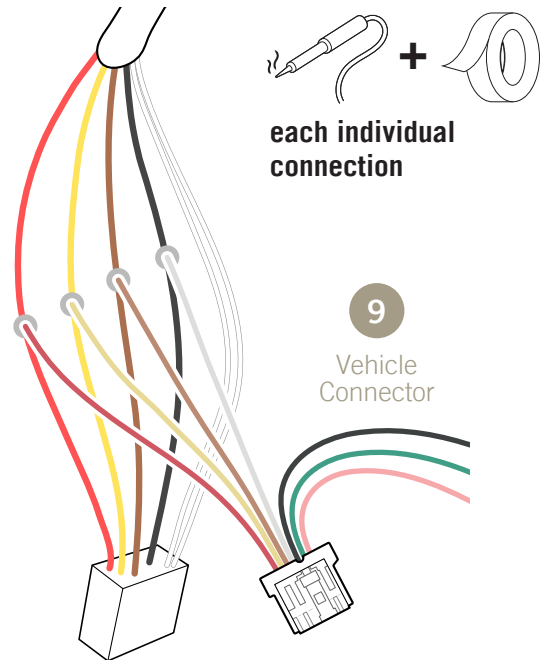
STEP 08



Access Plug housing near rear light cavity.

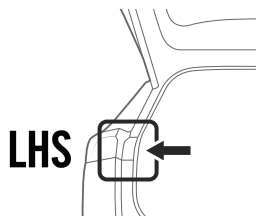
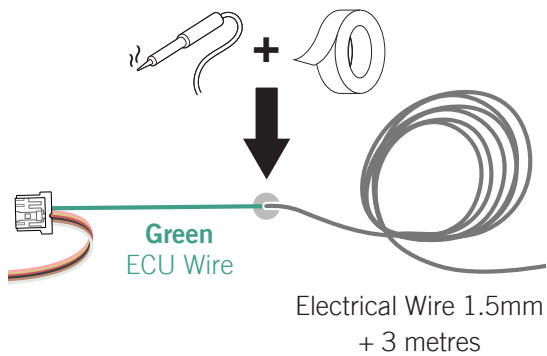
Connect ECU wires to Vehicle wires as follows:

ECU	Vehicle
RED	> WHITE + BLACK (Stop light)
YELLOW	> LIGHT PINK (Left Indicator)
BROWN	> LIGHT GREEN (Tail Light)
WHITE	> BROWN (Earth)

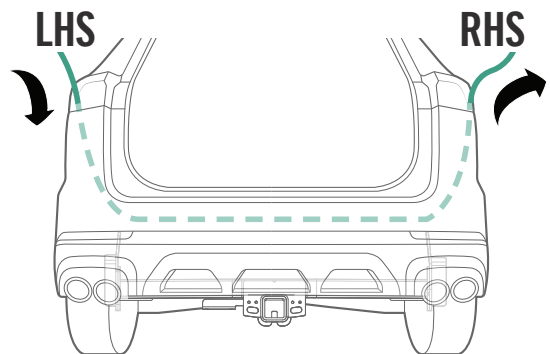


STEP 09

A. Solder 3 metres of Extension wire to **Green** ECU wire.

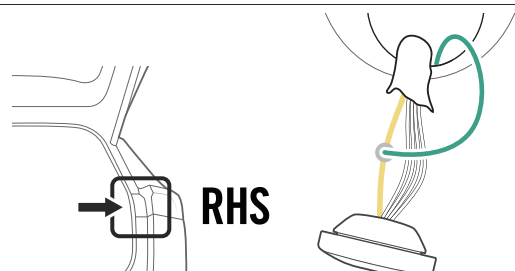
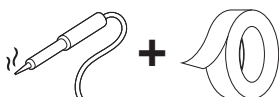


B. Feed wire through grommet downwards underneath the LHS light cavity. Next, feed the wire across the vehicle rear, and back up through the RHS Tail Light grommet. **Secure wire route with zip-ties.**

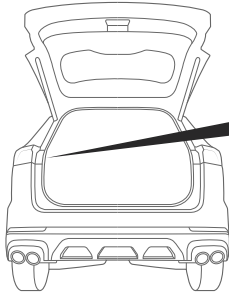


IMPORTANT: Avoid sharp edges and areas with heat.

C. Connect **Green** wire to **YELLOW** wire on RHS Tail-light harness.

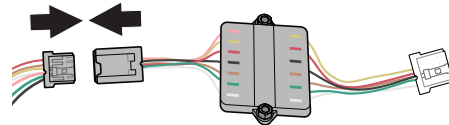


STEP 10



A.

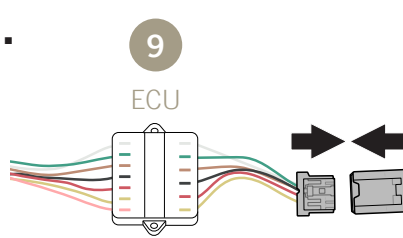
9
Vehicle
Connector



9
ECU

B.

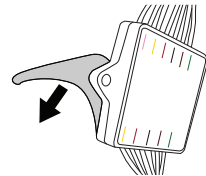
9
ECU



9
7-Pin Wiring
Connector

C.

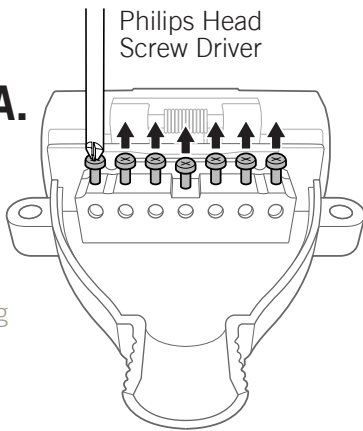
Peel backing off ECU and place ECU in a secure location behind vehicle trimming.



STEP 11

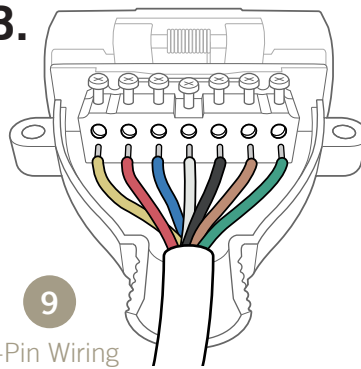
A.

9
7-Pin
Housing

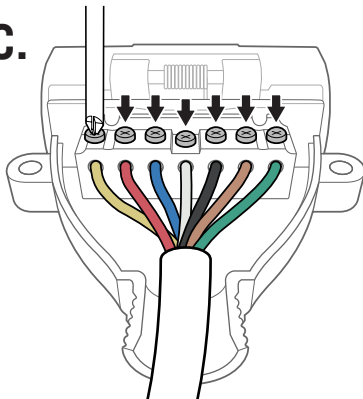


B.

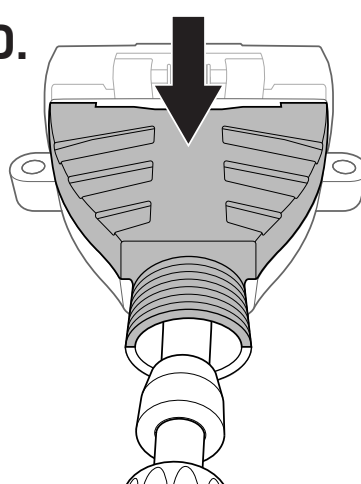
9
7-Pin Wiring
Connector



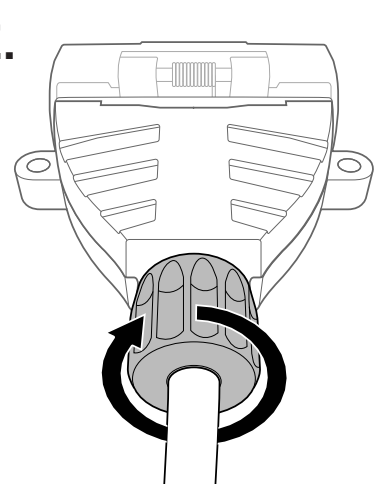
C.



D.

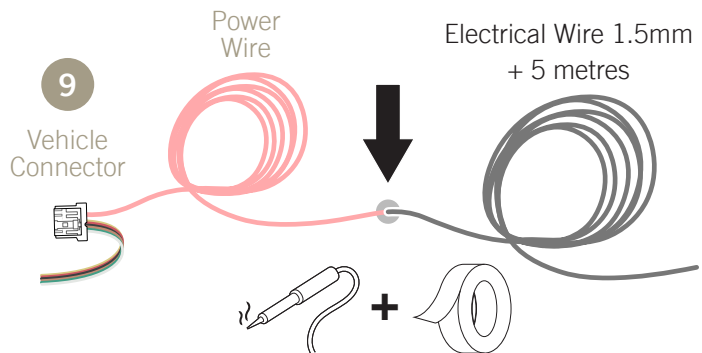


E.

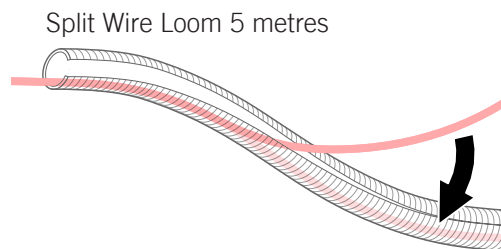


STEP 12

- A.** Solder an Extension wire to **Pink** wire so it will reach the battery terminal. Extend by an additional 5 metres.
Solder and tape connection.



- B.** Insert ALL wire into Split Wire Loom. Trim the Split Wire Loom to match length of wire.



- C.** Route wire with Split Wire loom to battery terminal. Secure with Zip-ties

IMPORTANT: SELECT ROUTE CAREFULLY.

Avoid sharp / abrasive points, moving components and hot areas.

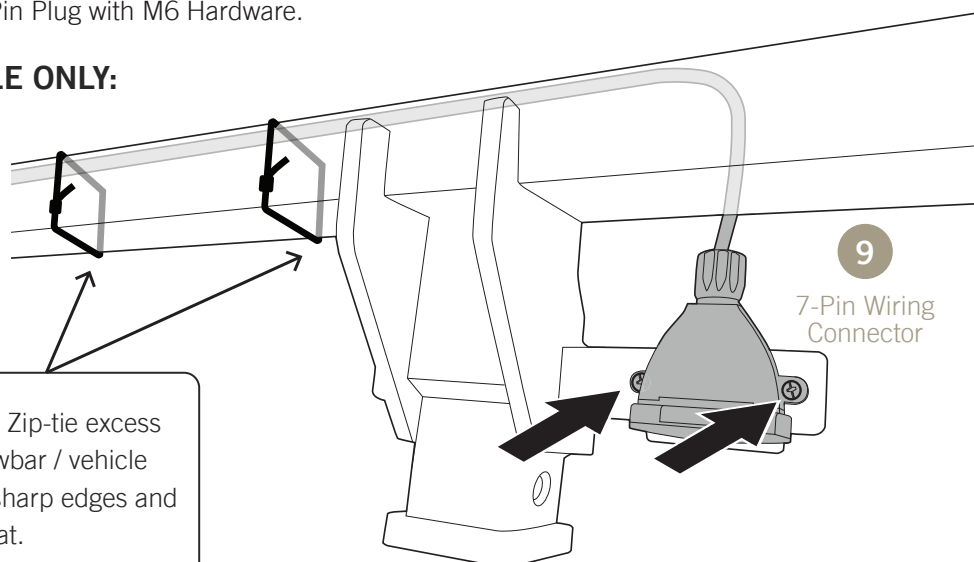
FINALISE FITMENT

STEP 13

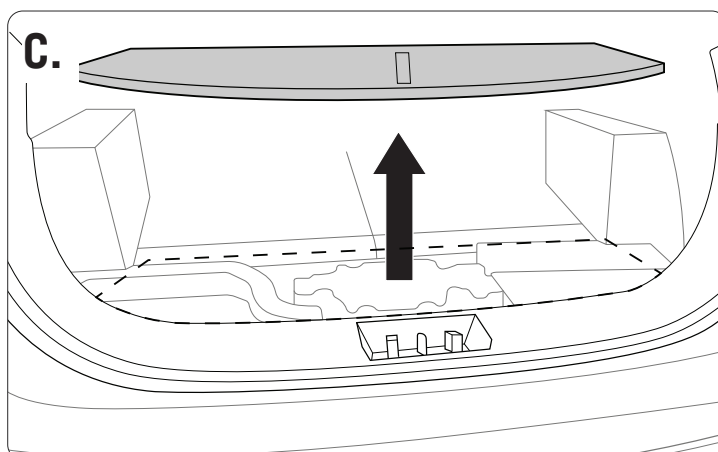
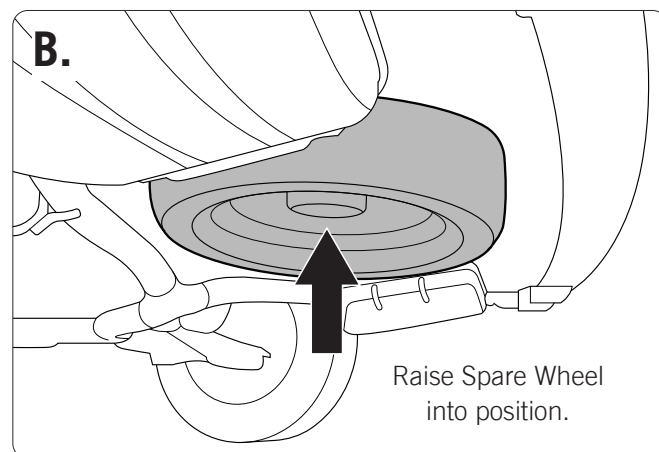
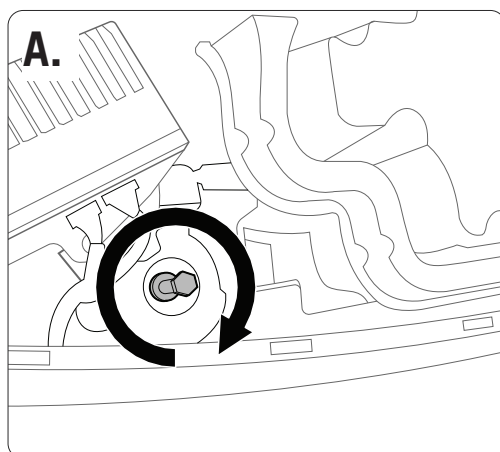
Attach 7-Pin Plug with M6 Hardware.

EXAMPLE ONLY:

IMPORTANT: Zip-tie excess wire to the towbar / vehicle body. Avoid sharp edges and areas with heat.



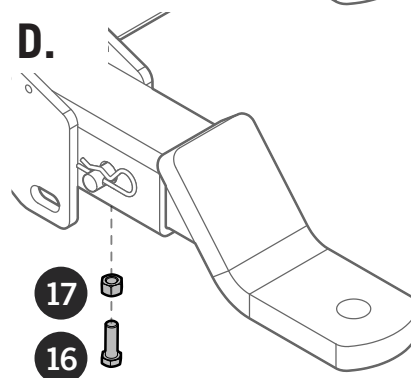
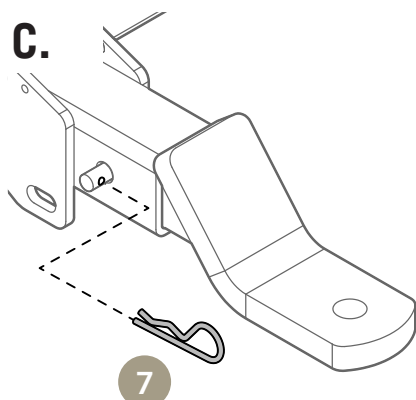
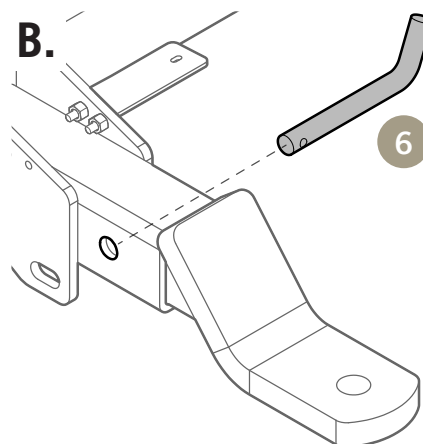
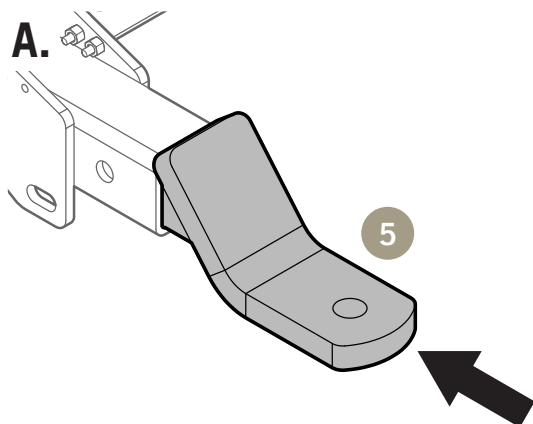
STEP 14



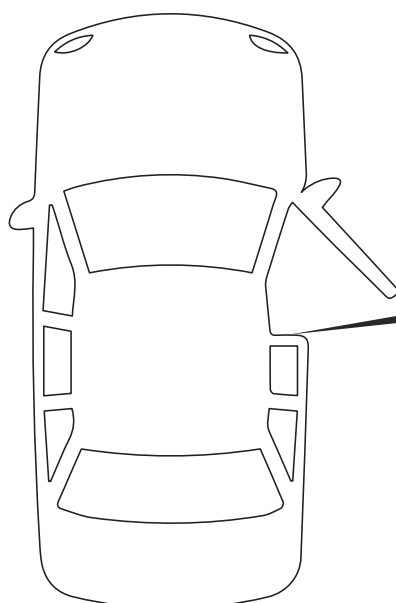
TOWBALL USAGE

STEP 15

EXAMPLE ONLY:



STEP 16



Place load rating sticker inside the driver's door.

