

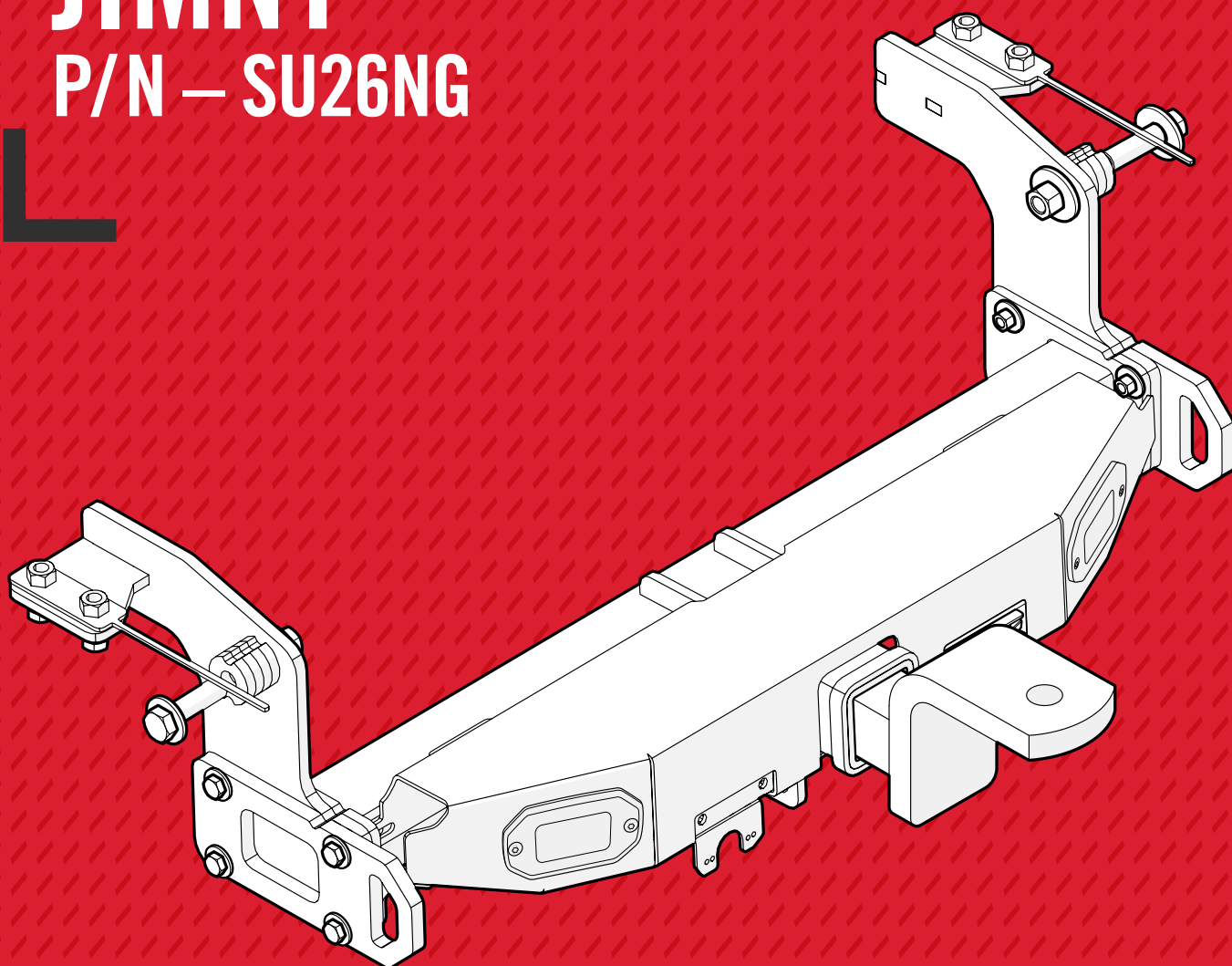


EST 1956  
**CARASEL**®

**FITTING  
INSTRUCTIONS**

# SUZUKI — JIMNY

P/N — SU26NG



ISSUE #: 01  
ISSUE DATE: 05/04/24

**CONTROLLED**

# CONTENTS

<b>3</b>	<b>IMPORTANT INFORMATION</b>
<b>4</b>	<b>PARTS LIST</b>
<b>6</b>	<b>VEHICLE PREPARATION</b>
<b>8</b>	<b>TOWBAR INSTALLATION</b>
<b>11</b>	<b>GENERAL WIRING STEPS</b>
<b>17</b>	<b>FITTING ADDITIONAL COMPONENTS</b>
<b>17</b>	REVERSE LED LIGHTS
<b>19</b>	ANDERSON PLUG BRACKET
<b>19</b>	TRAILER REVERSE CAMERA BRACKET
<b>19</b>	AIRBAG BRACKET
<b>20</b>	<b>FINALISE FITMENT</b>
<b>23</b>	<b>TOWBALL USAGE</b>



# IMPORTANT INFORMATION

CHECK THE MAXIMUM TOWING CAPACITY OF YOUR VEHICLE AS STATED BY THE VEHICLE MANUFACTURER. DO NOT EXCEED THE MAXIMUM TOWING CAPACITY.

This product is for towing purposes only and must only be loaded as shown in your vehicle Owner's Manual.

- This towbar is NOT to be drilled, cut, welded, or modified in any way.
- Check behind chassis rail and body panels before drilling to ensure no hazards are present.
- All load ratings shown are under the assumption your trailer has a functional braking system installed.
- When installed in positions other than the one depicted in these instructions the Tow Ball Mount may interfere or obstruct certain features of your vehicle (tailgate opening, Chassis clearance, etc. )

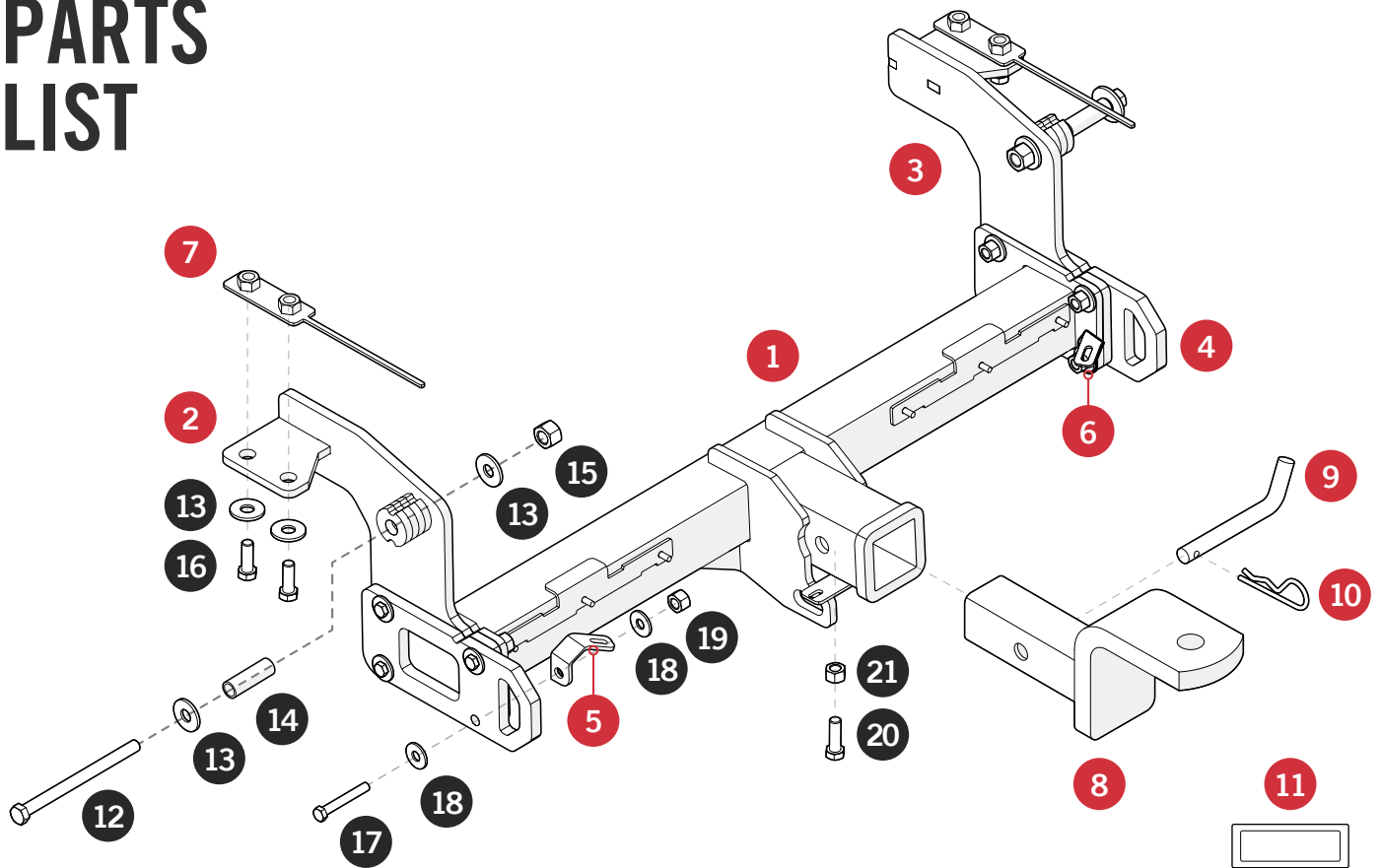
## GENERAL:

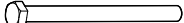









- Before fitting this towbar read fitting instructions and check installation hardware is correct.
- Check that the towbar is suitable for the vehicle and be wary of any changes to the vehicle design that may conflict with the fitting of this towbar (Tray, Canopy, Suspension etc.)
- After drilling, blow any filings clear, remove any swarf and treat exposed metal with a rust inhibitor.

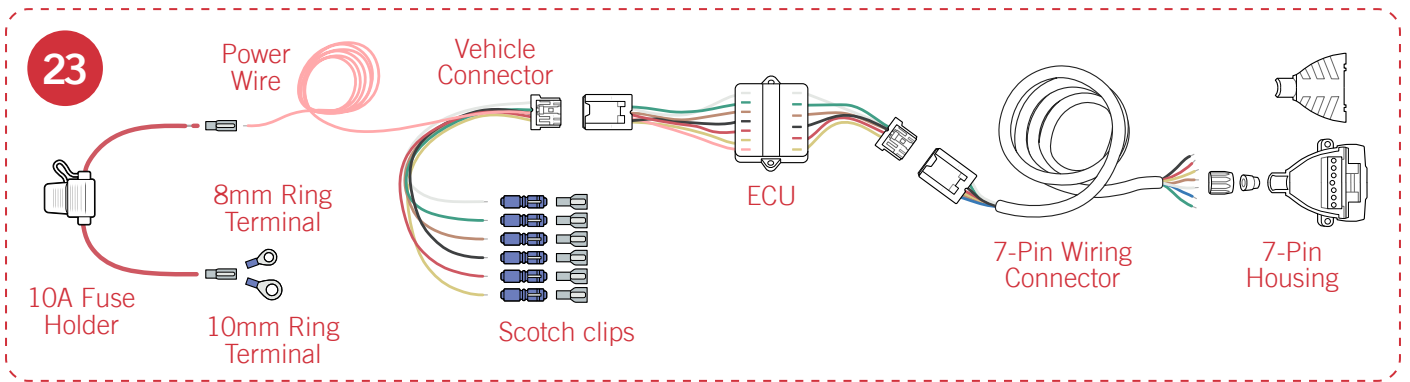
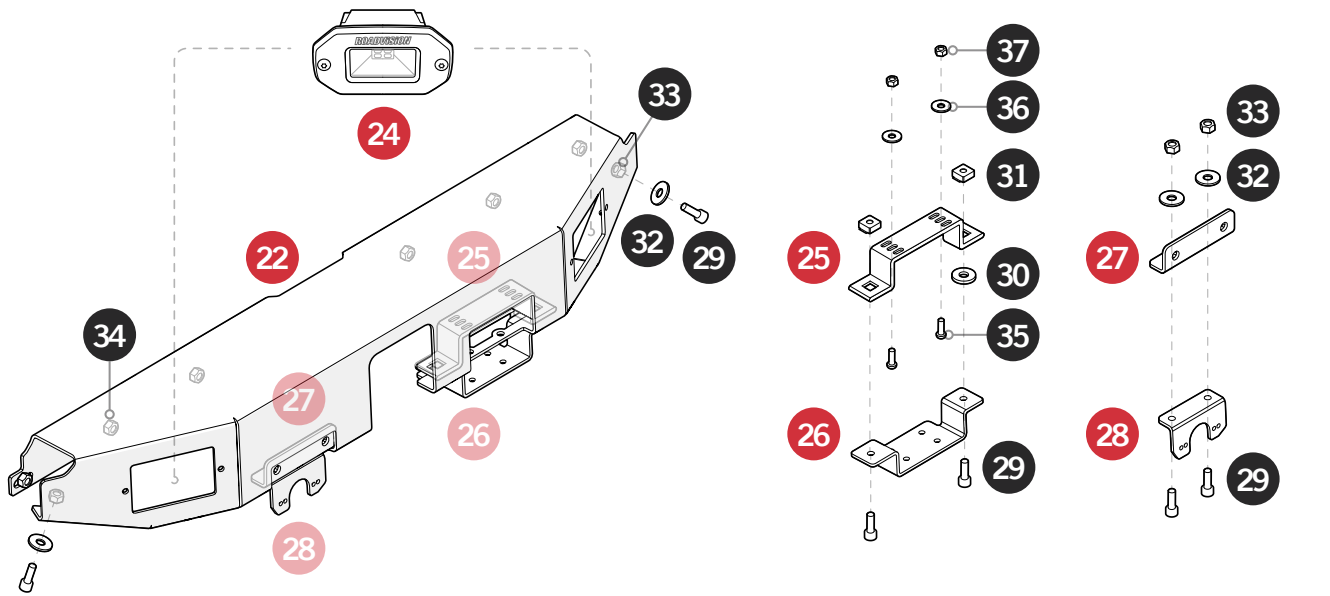
## TOWBAR MAINTENANCE AND CARE:

- It is recommended, when not in use, the Tow Ball Mount assembly and CLASS 4 Pin and Clip is stored inside the car away from moisture to prevent standing water from forming rust.
- Inspect to ensure, on regular basis, fasteners are torqued to the specifications below and in good condition.
- Ensure that the fitting instructions are read and understood prior to fitment.
- Place these instructions in the vehicle's glovebox after installation is completed.

# PARTS LIST



#	PART	QTY	#	HARDWARE	QTY
1	CROSS-BEAM	x1	12	M12 x 120mm x 1.25p BOLT	x2 
2	LEFT BRACKET	x1	13	M12 FLAT WASHER	x8 
3	RIGHT BRACKET	x1	14	50mm SPACER TUBE	x2 
4	RECOVERY POINT	x2	15	M12 x 1.25p NUT	x2 
5	LEFT DRESS-PLATE BRACKET	x1	16	M12 x 35mm x 1.25p BOLT	x4 
6	RIGHT DRESS-PLATE BRACKET	x1	17	M10 x 50mm x 1.25p BOLT	x8 
7	CHASSIS PLATE	x2	18	M10 FLAT WASHER	x16 
8	TOWBAR HITCH (UH1)	x1	19	M10 x 1.25p NUT	x8 
9	PIN	x1	20	3/8" x 1" UNC BOLT	x1 
10	R-CLIP	x1	21	3/8" UNC NUT	x1 
11	LOAD RATING STICKER	x1			

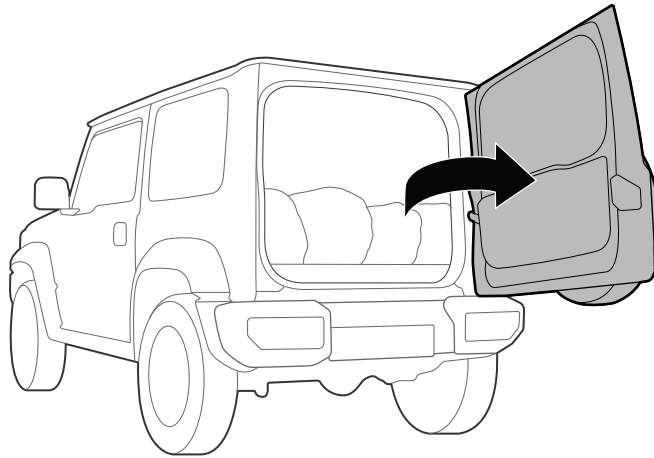


#	PART	QTY	#	HARDWARE	QTY
22	DRESS-PLATE	x1	29	M6 SOCKET HEAD BOLT	x6
23	ECU KIT (TOWBAR BYPASS KIT)	x1	30	M6 WASHER (BLACK)	x1
24	REVERSE LED LIGHT KIT	x2	31	M6 CAGE NUT	x2
25	7-PIN BRACKET	x1	32	M6 FLAT WASHER	x4
26	ANDERSON BRACKET	x1	33	M6 NUT	x4
27	AIR BAG BRACKET	x1	34	M6 NYLOC NUT	x6
28	TRAILER CAMERA BRACKET	x1	35	M4 x 16mm BUTTON SCREW	x2
			36	M4 FLAT WASHER	x2
			37	M4 NYLOC NUT	x2

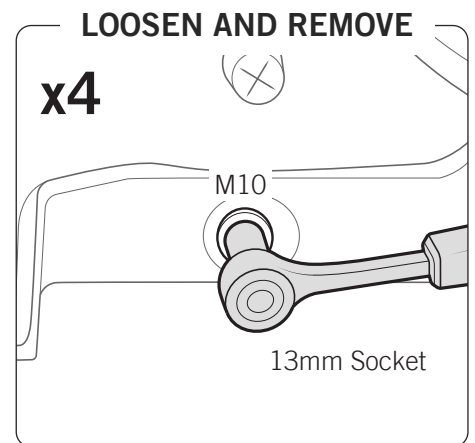
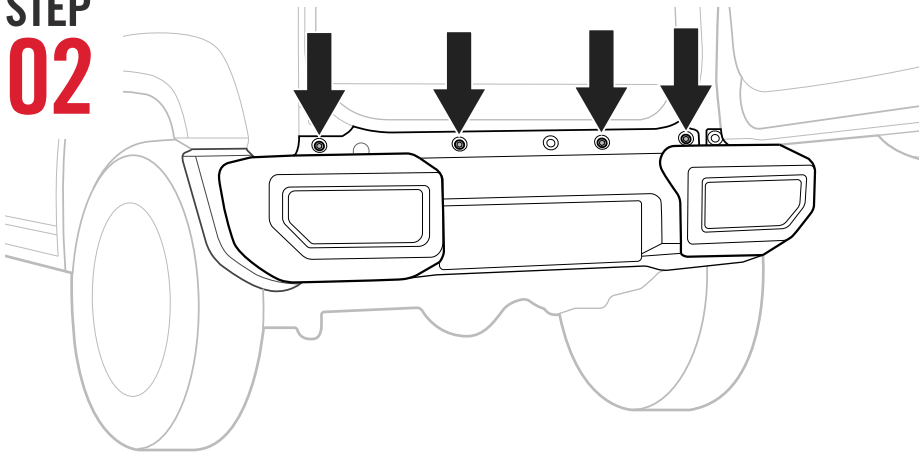
TOOLS REQUIRED	TOOL LIST
	- 19mm Socket Wrench
	- 17mm Socket Wrench
	- 10mm Socket Wrench
	- Trim Removal Tools
	- Philips Head Screw Driver
	- Power Drill
	- x2 M6 Self Tapping Screws
- Safety Knife	
- Wire Stripper	
- Soldering Iron	
- Electrical Tape	
- Zip ties x10	
- Electrical Wire 1.5mm (3m)	
- Split Wire Loom (5m)	
- Twin Core Cable (2m)	
- Trailer Light Board / Multimeter	

# VEHICLE PREPARATION

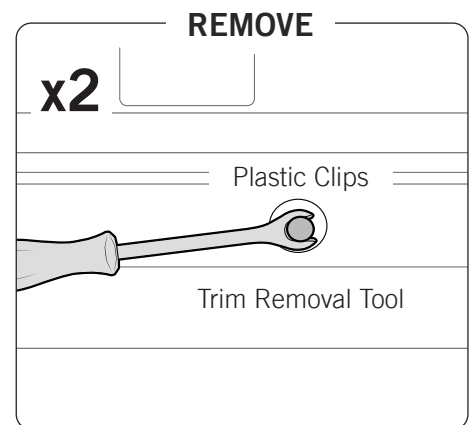
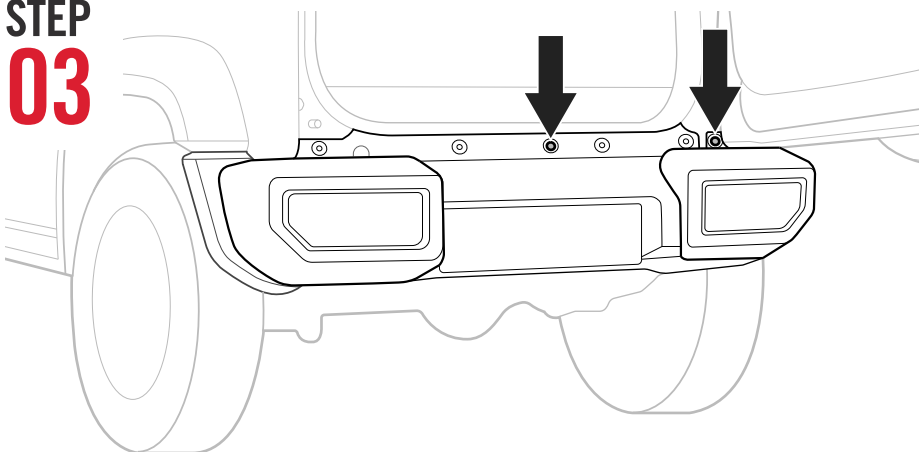
## STEP 01



## STEP 02

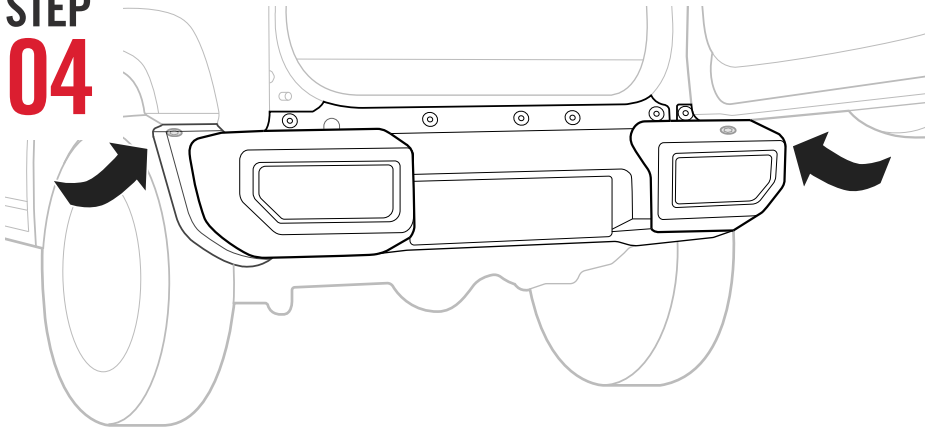


## STEP 03



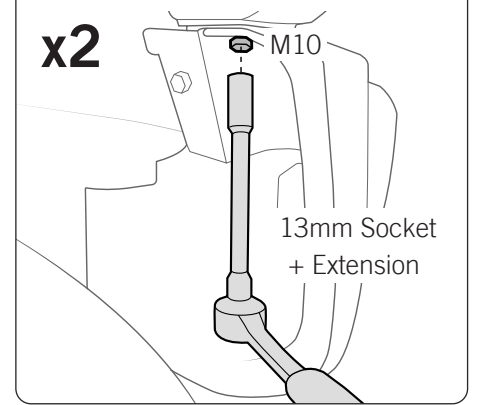


**STEP  
04**

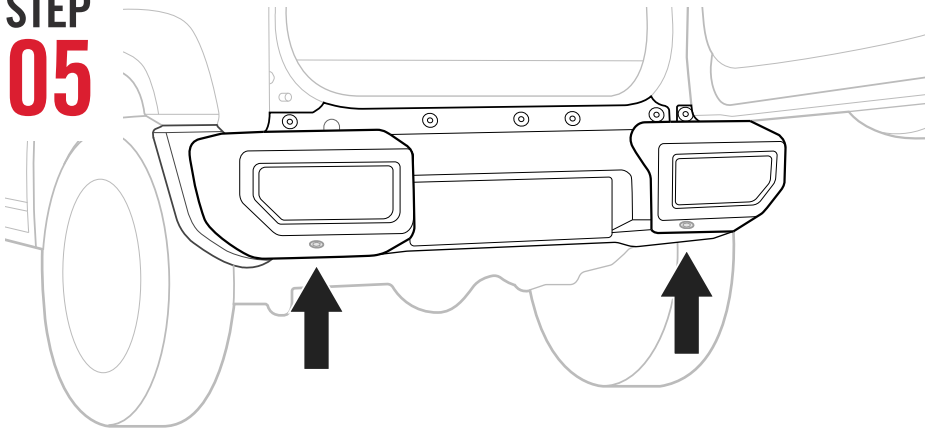


**LOOSEN AND REMOVE**

**x2**

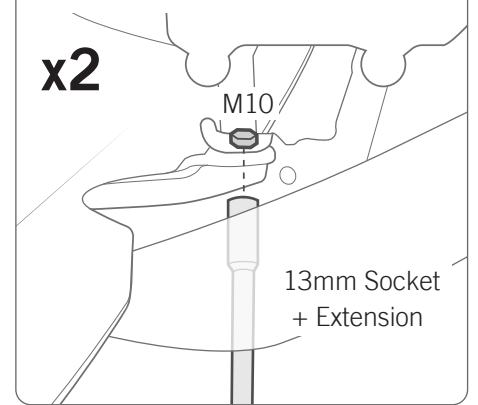


**STEP  
05**



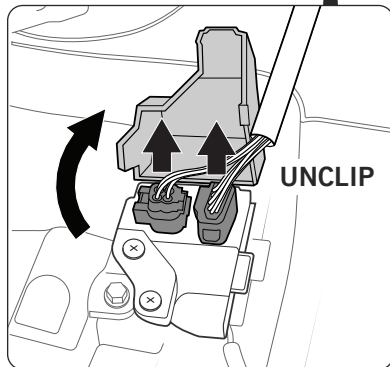
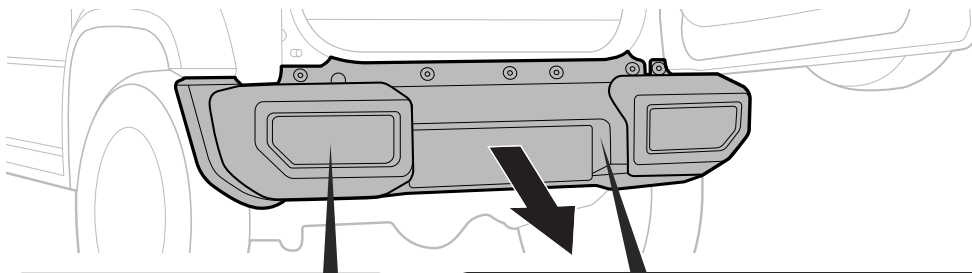
**LOOSEN AND REMOVE**

**x2**

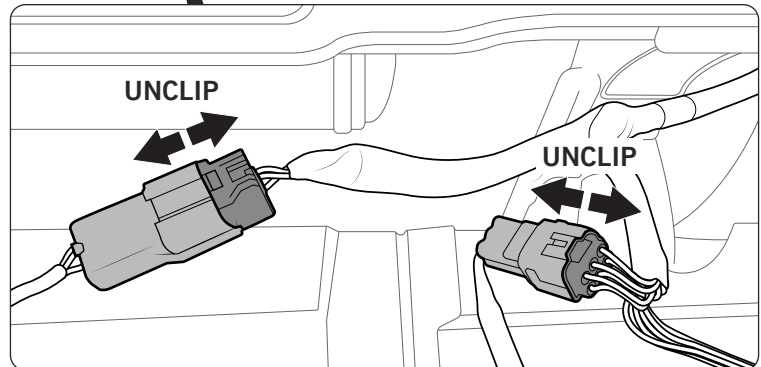


**STEP  
06**

Lift bumper off slightly and unclip the Tail Light harness & Reverse camera harnesses (if equipped). Remove completely.



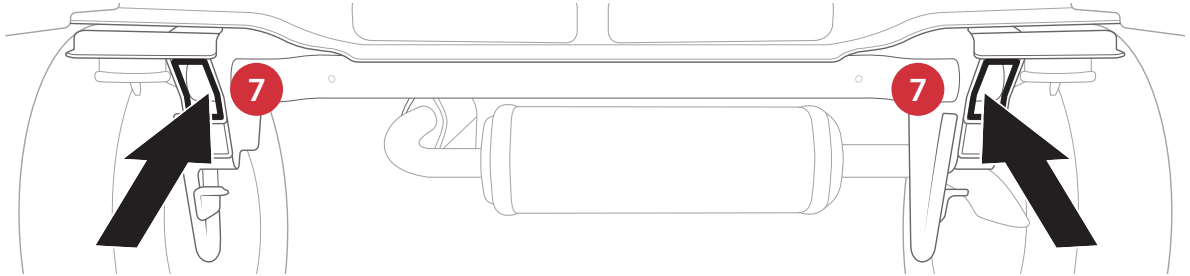
**TAIL LIGHT HARNESS**



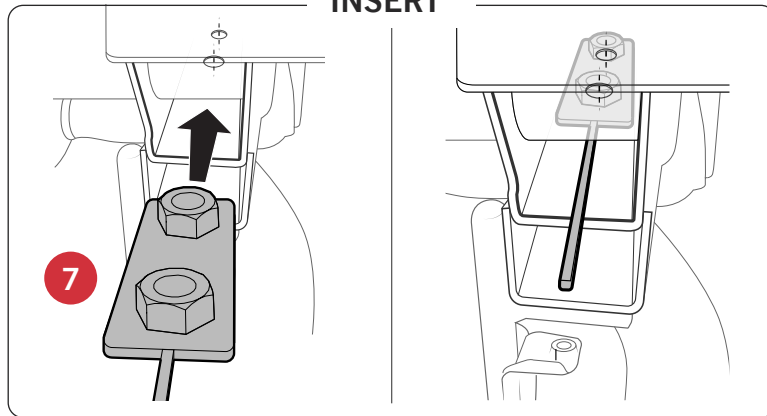
**REVERSE CAMERA HARNESS (If equipped)**

# TOWBAR INSTALLATION

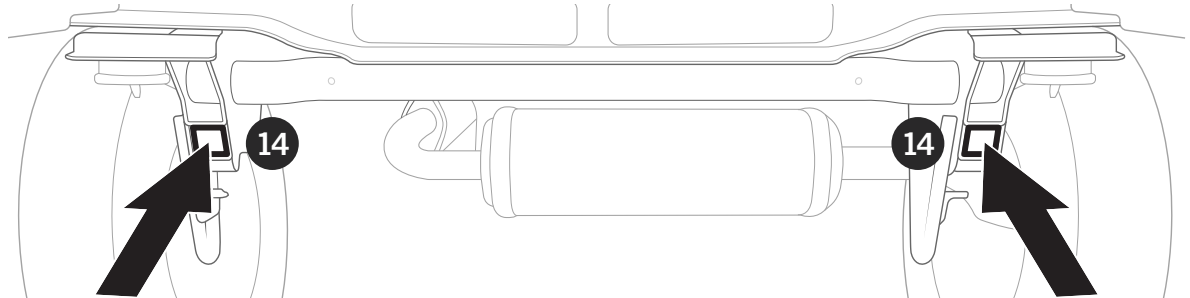
STEP  
**07**



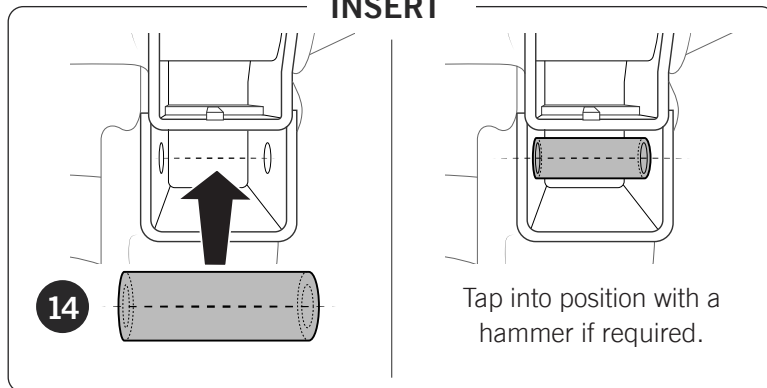
INSERT



STEP  
**08**



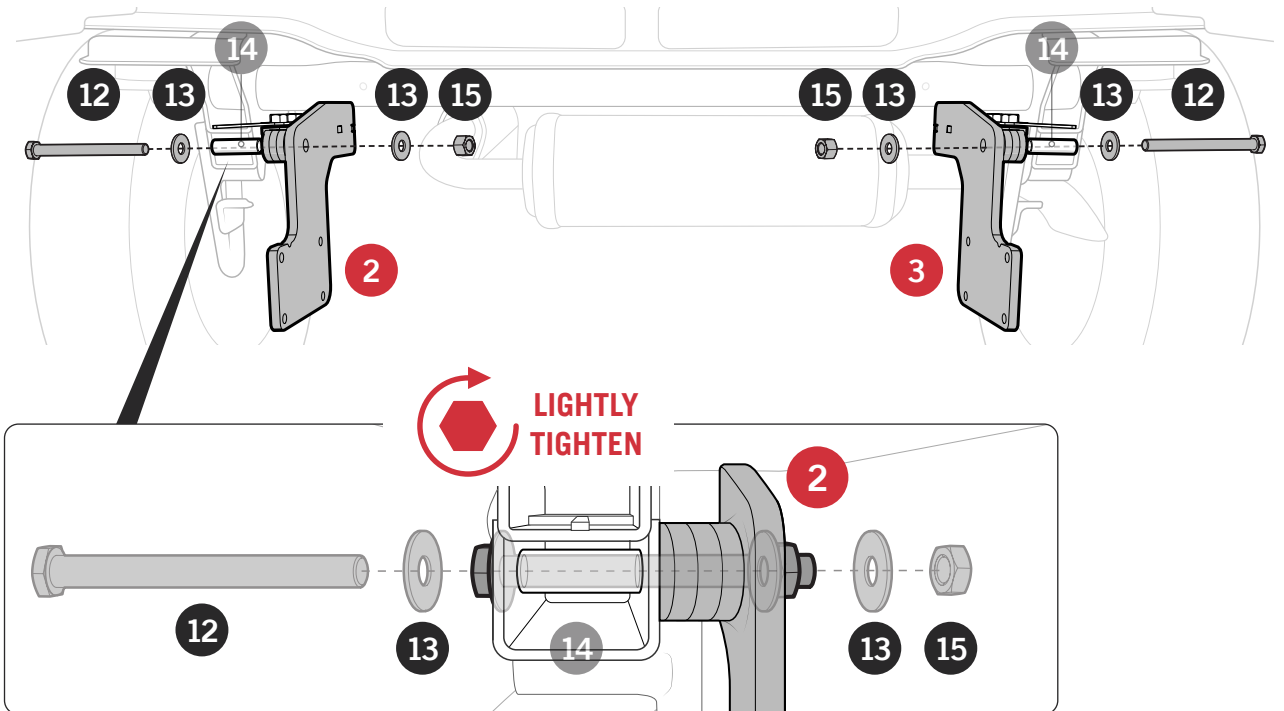
INSERT



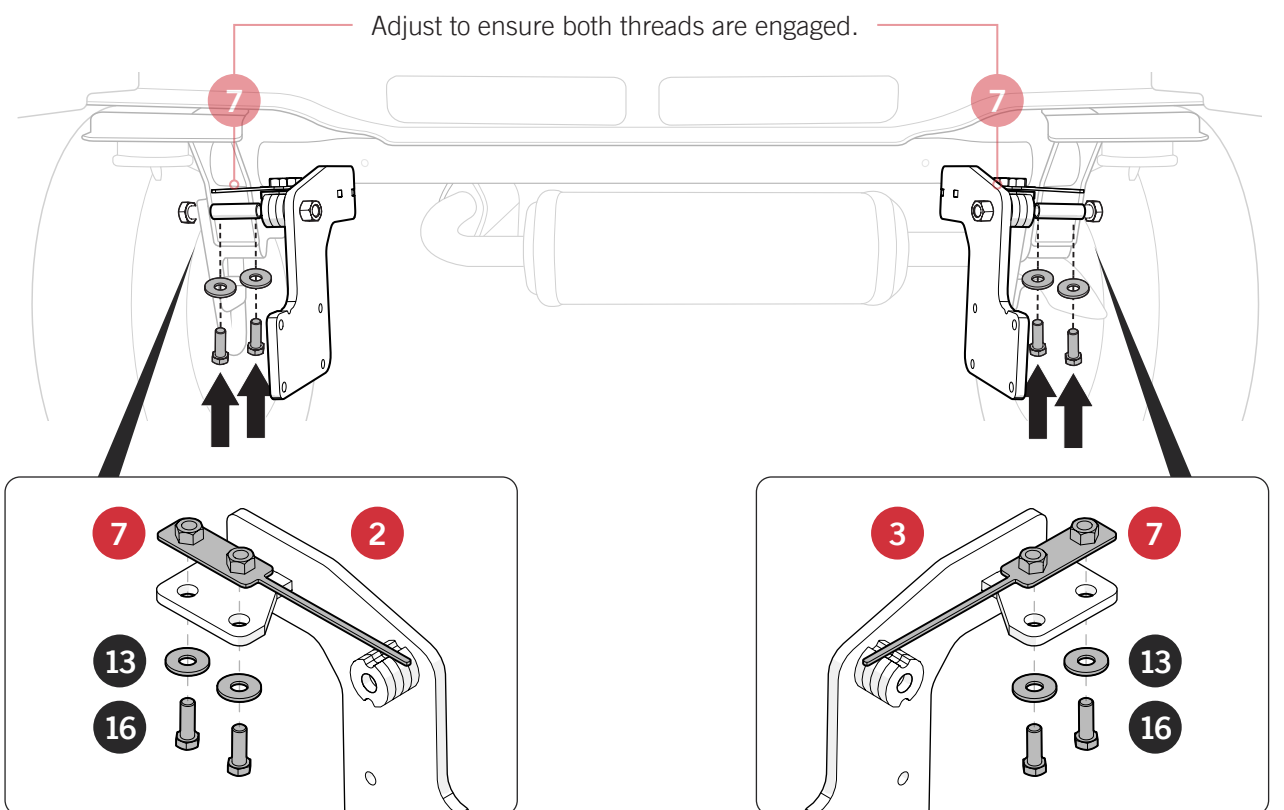




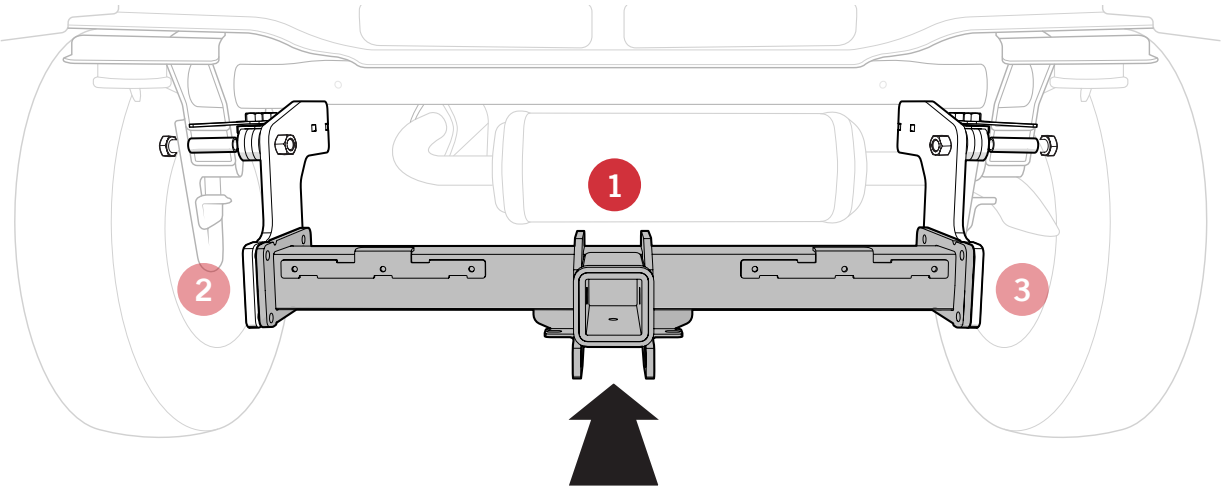
# STEP 09



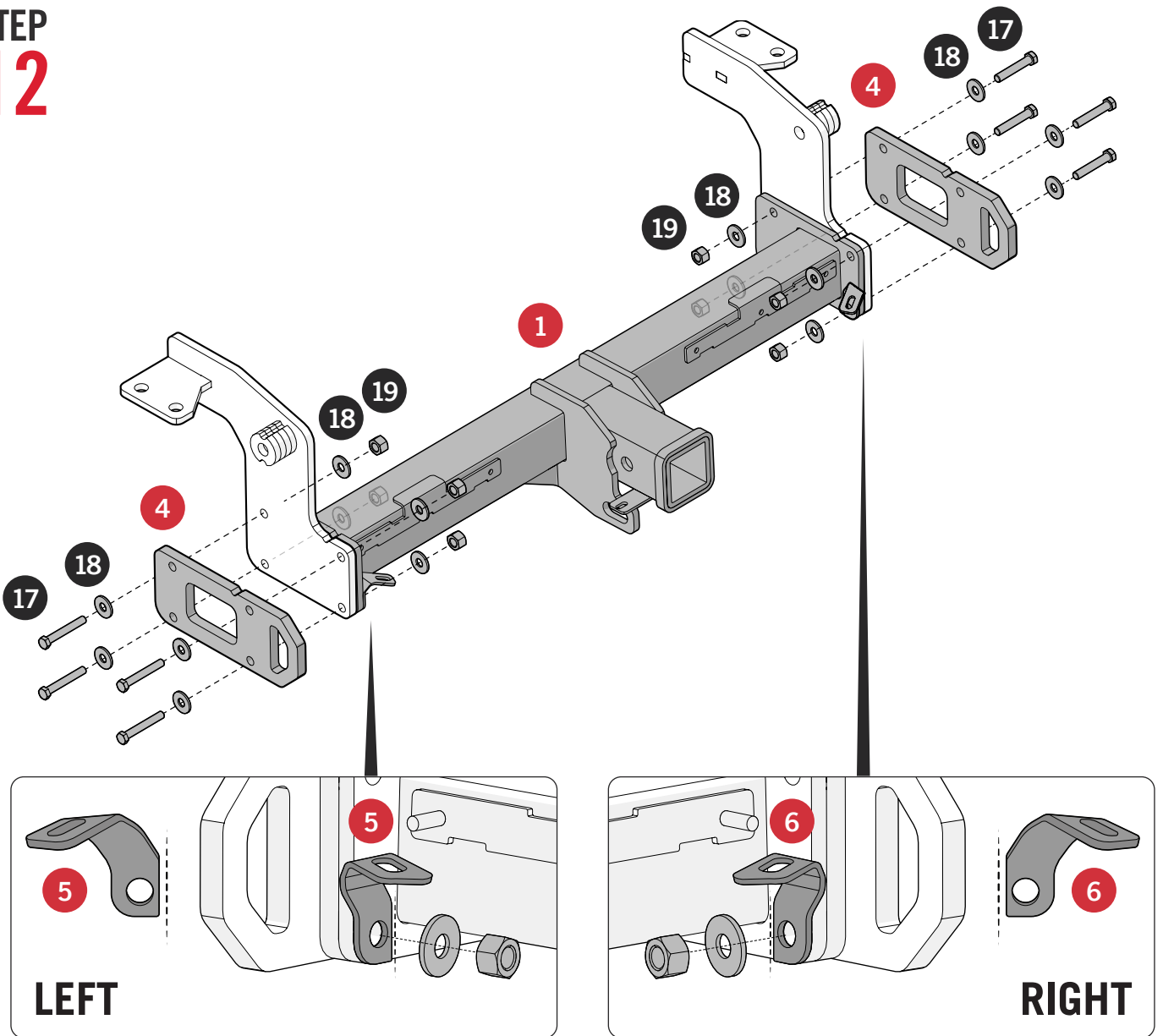
# STEP 10



# STEP 11



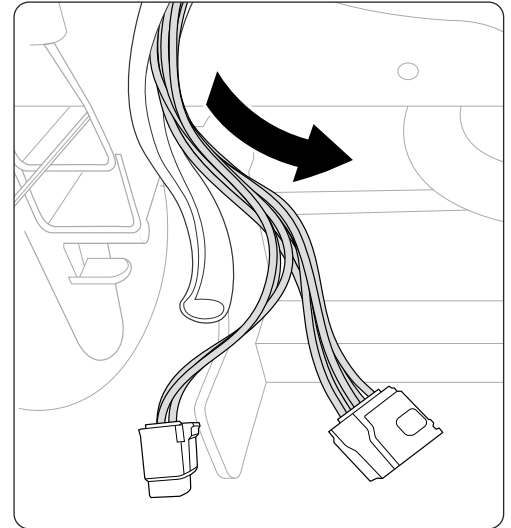
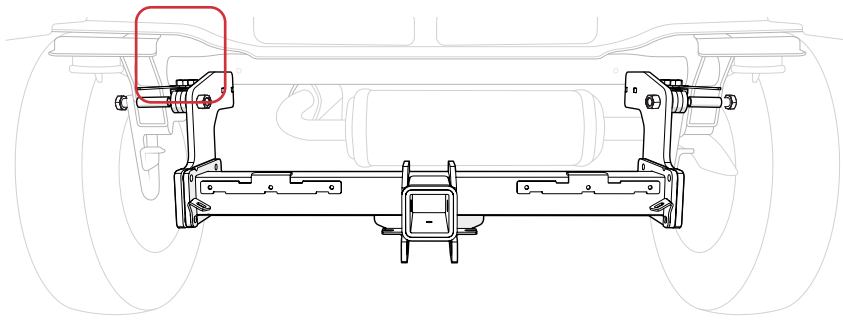
# STEP 12





# GENERAL WIRING STEPS

## STEP 13



## STEP 14

Connect the ECU kit to the light harness on the Left Hand Side of the vehicle.

**Solder ECU wires to Vehicle wires as follows:**

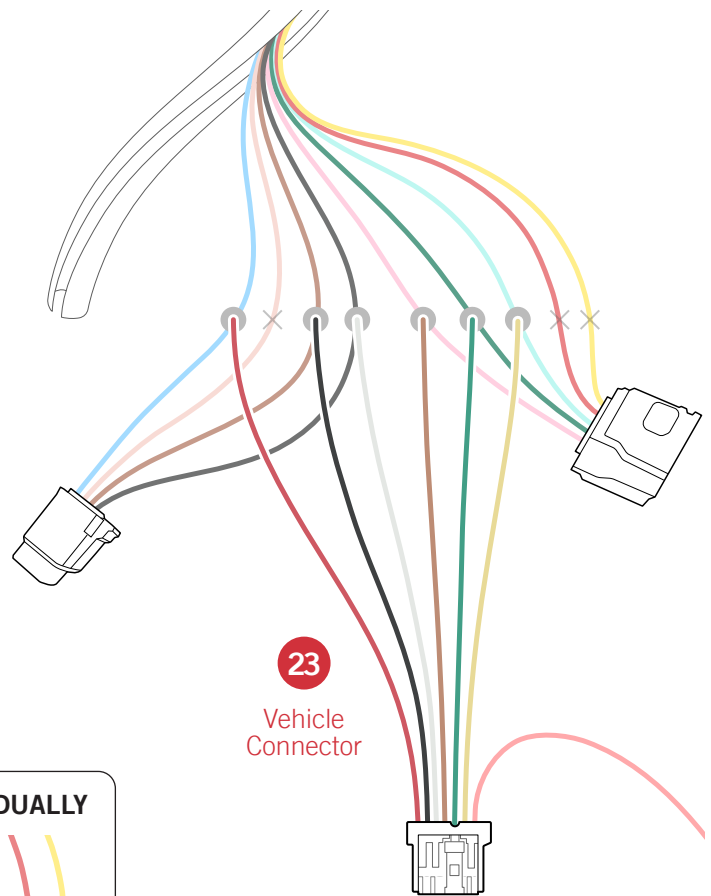
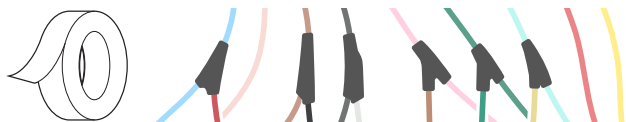
ECU	Vehicle
RED	> BLUE (Brake light)
BLACK	> BROWN (Reverse Lights)
WHITE	> BLACK (Earth)
BROWN	> LIGHT PINK (Tail Light)
GREEN	> DARK GREEN (Right Indicator)
YELLOW	> LIGHT GREEN (Left Indicator)

NOTE: Blue Scotch Clips are NOT suitable for external use due to their susceptibility to corrosion.

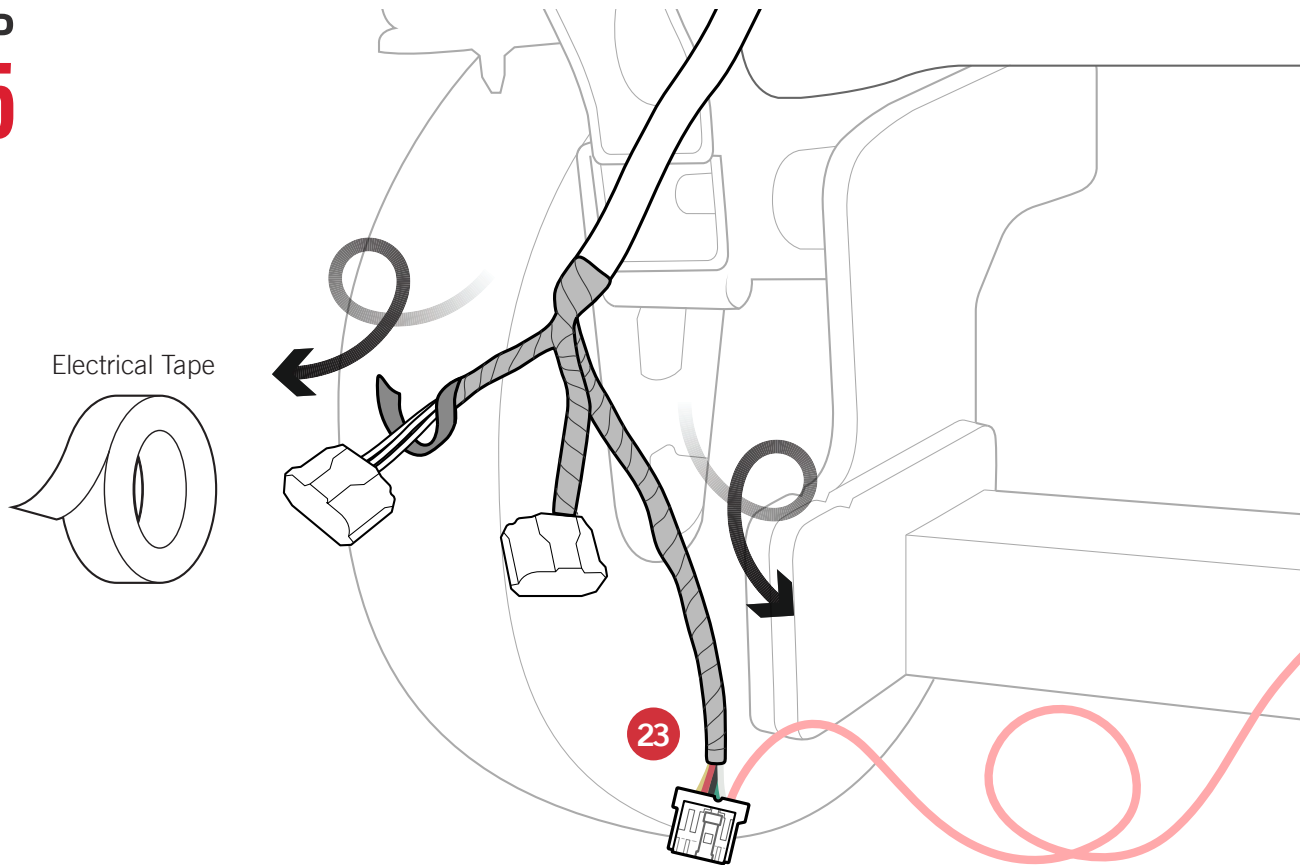


It is highly recommended to **solder all connections.**

**TAPE EACH SOLDERED CONNECTION INDIVIDUALLY**

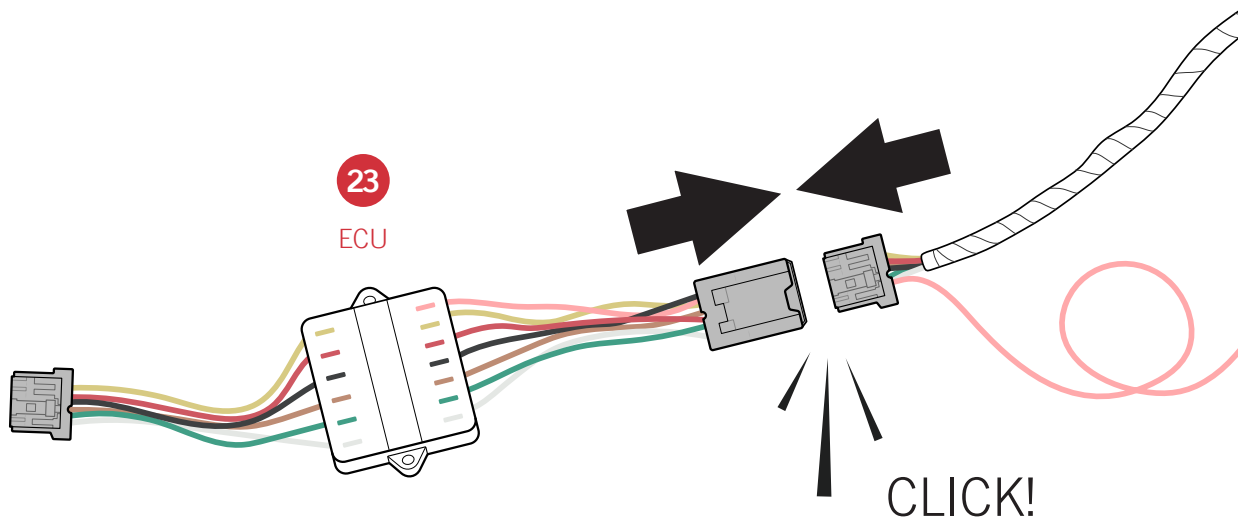


# STEP 15



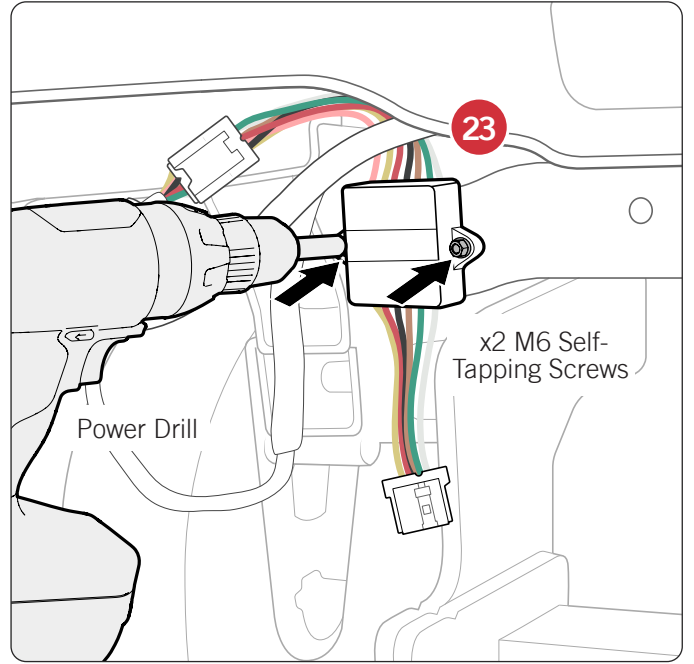
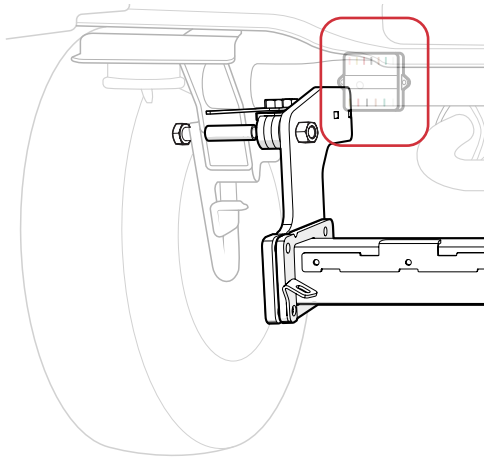
NOTE: Leave **Pink** wire out for **STEP 21**

# STEP 16

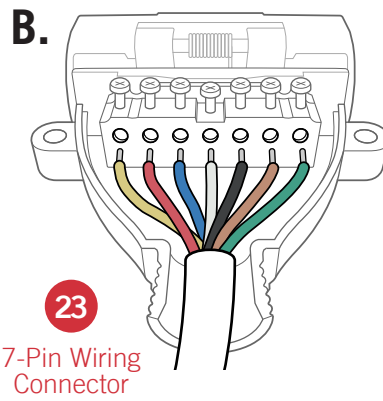
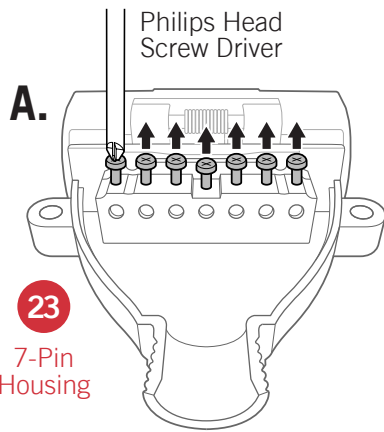


# STEP 17

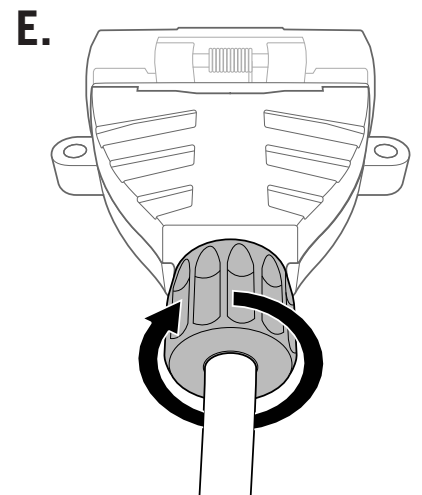
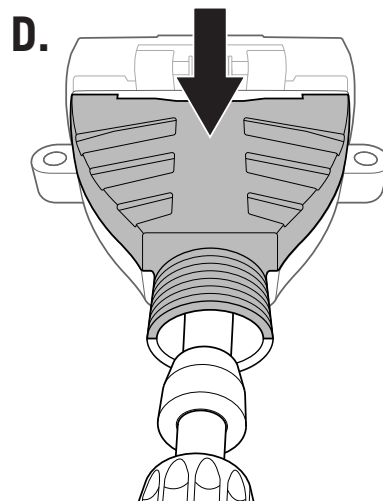
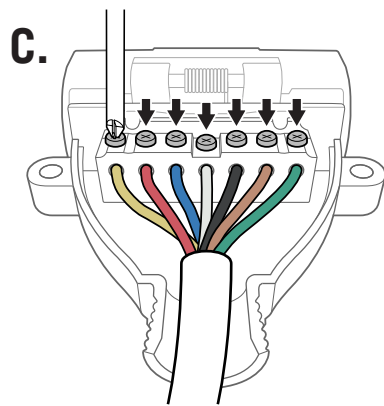
Drill ECU into rear reinforcement bar using x2 Self-Tapping screws. Ensure secure fit.



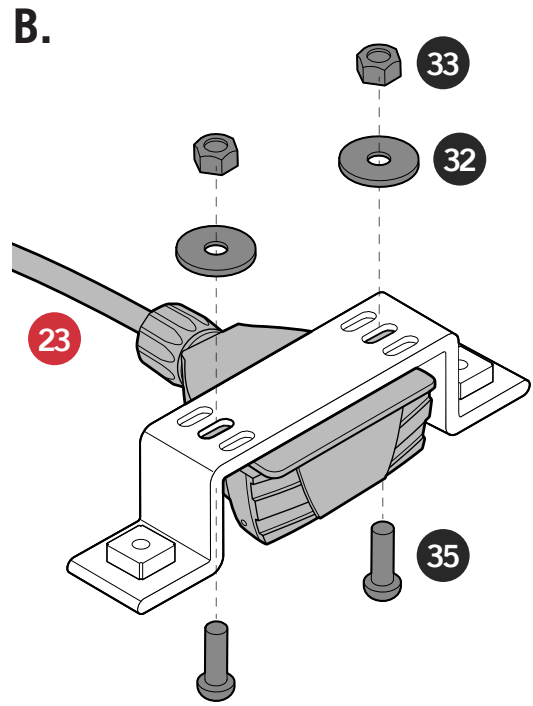
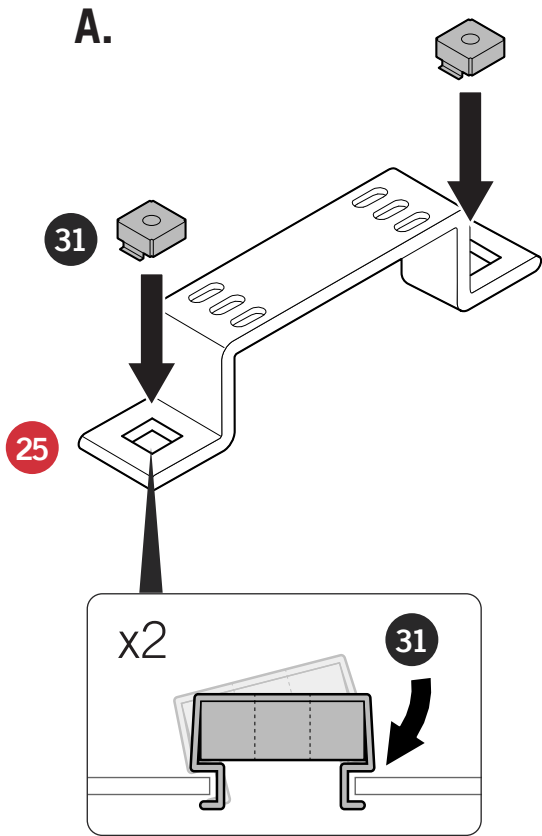
# STEP 18



⊗	⊗	⊗	⊗	⊗	⊗	⊗
Yellow	Red	Blue	White	Black	Brown	Green
L. SIGNAL (Yellow)	BRAKE (Red)	ELECT. BRAKE (Blue)	EARTH (White)	AUXILIARY (Black)	TAIL (Brown)	R. SIGNAL (Green)

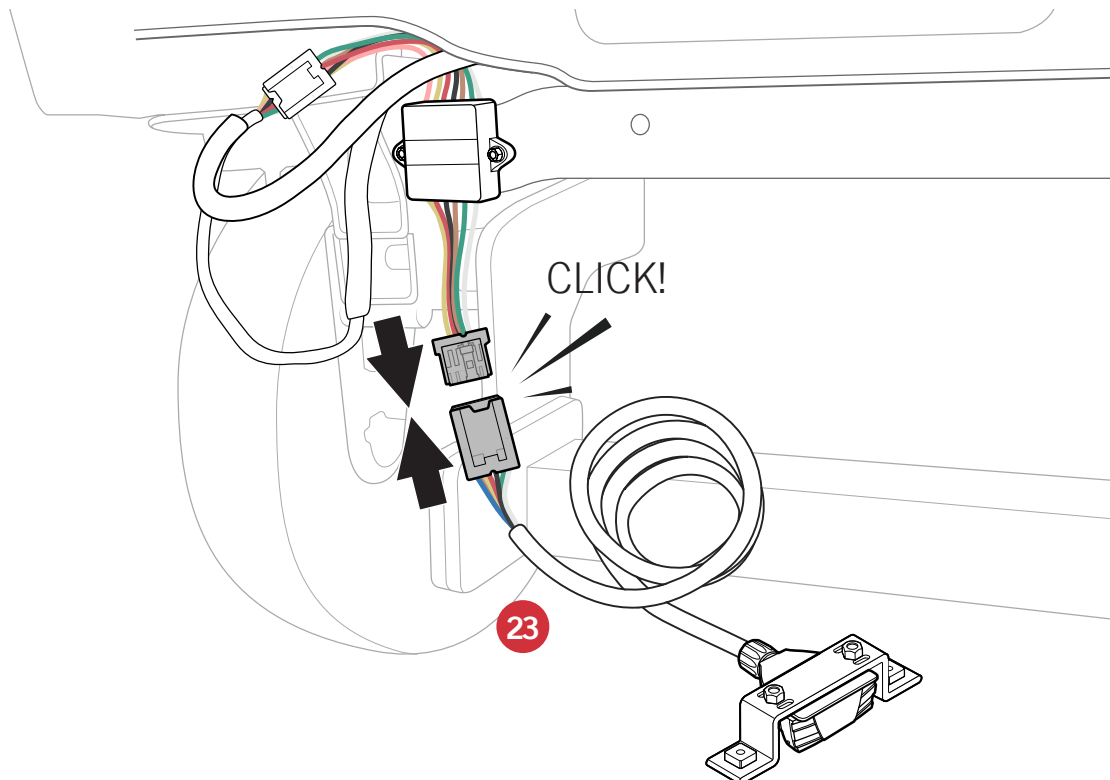


# STEP 19



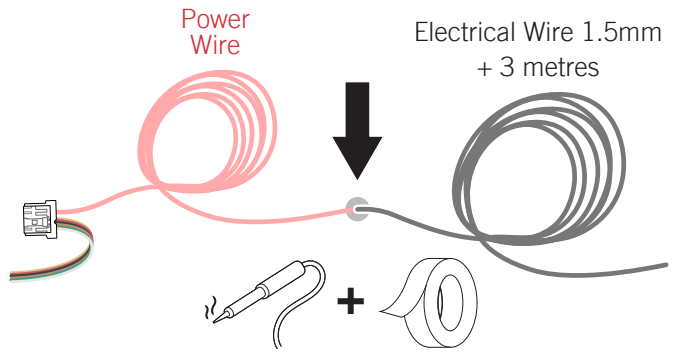
Select most suitable holes so that the 7-pin plug can be easily opened when installed to dress-plate.

# STEP 20

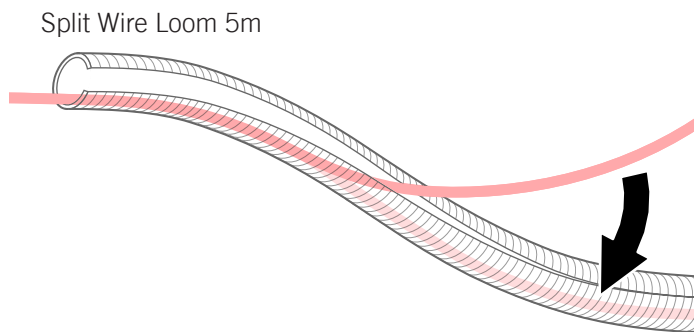


# STEP 21

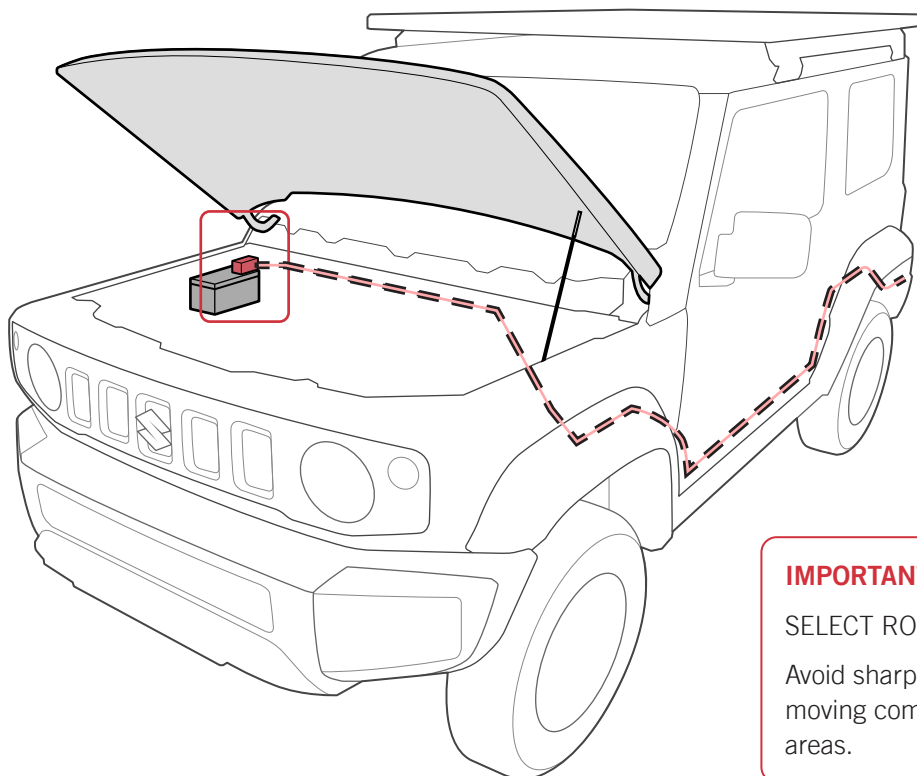
- A.** Lengthen the **Pink** wire so it will reach the battery terminal. Extend by an additional 3 metres.  
Solder and tape connection.



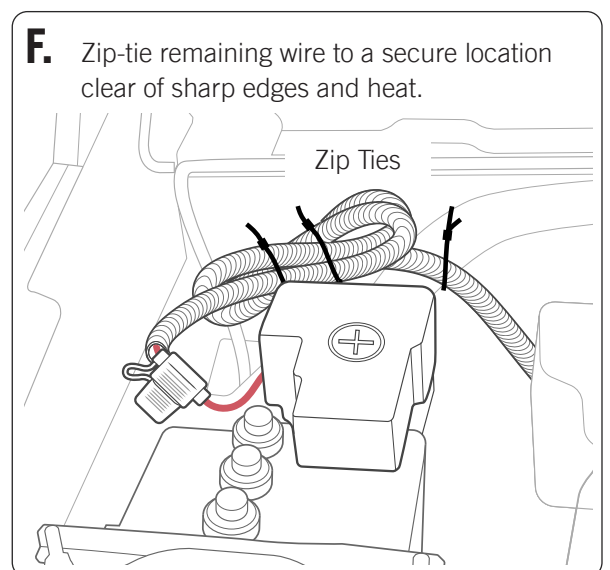
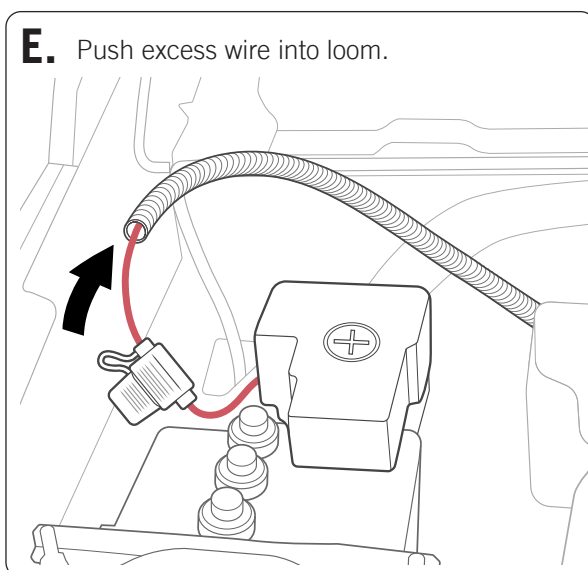
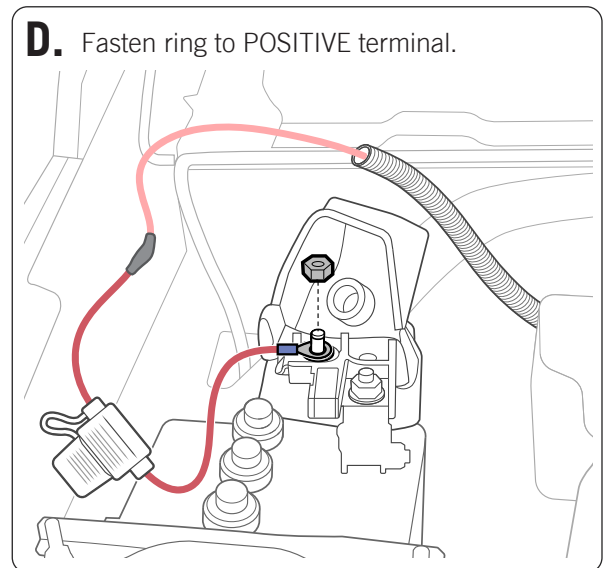
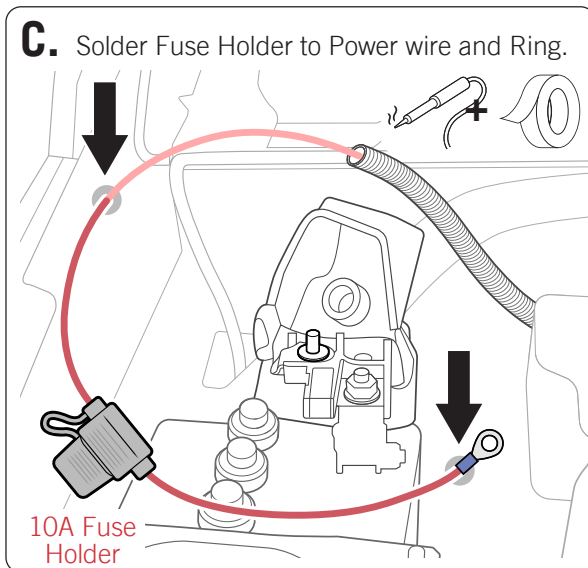
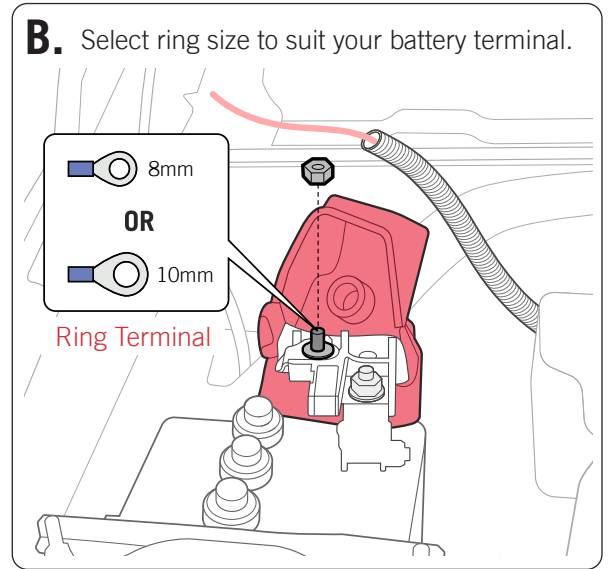
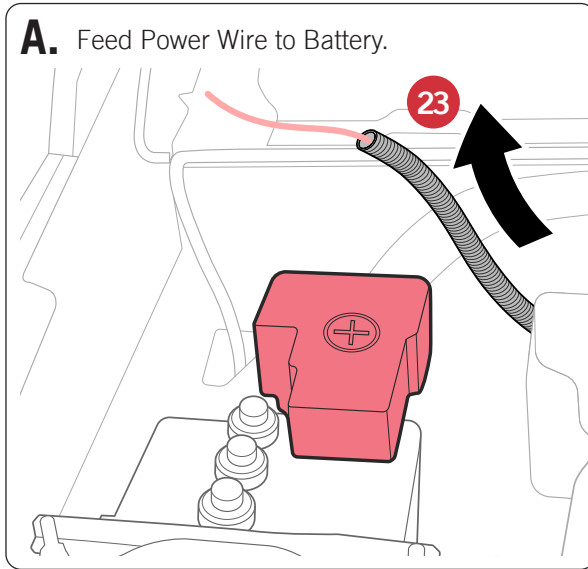
- B.** Insert ALL wire into Split Wire Loom. Trim the Split Wire Loom to match length of wire.



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



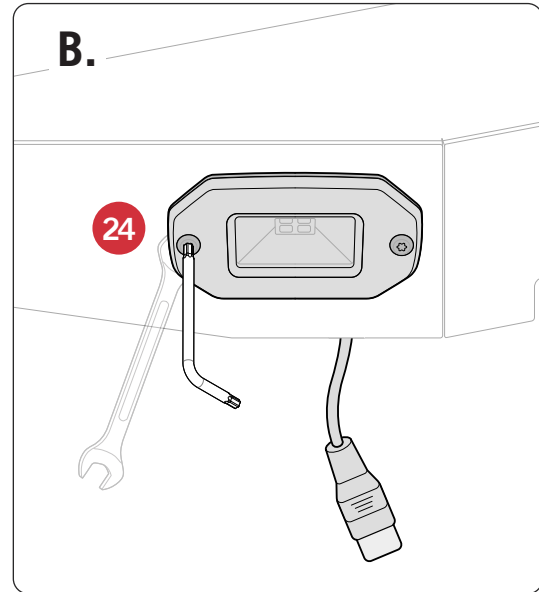
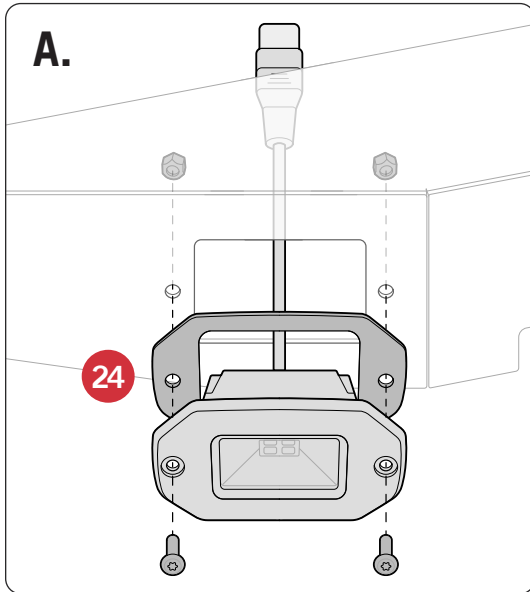
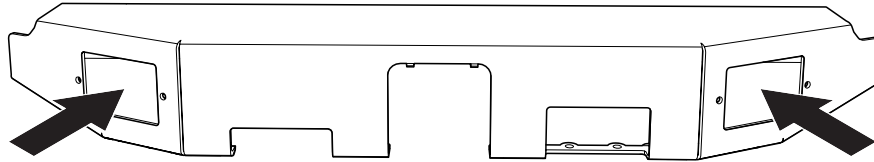
# STEP 22



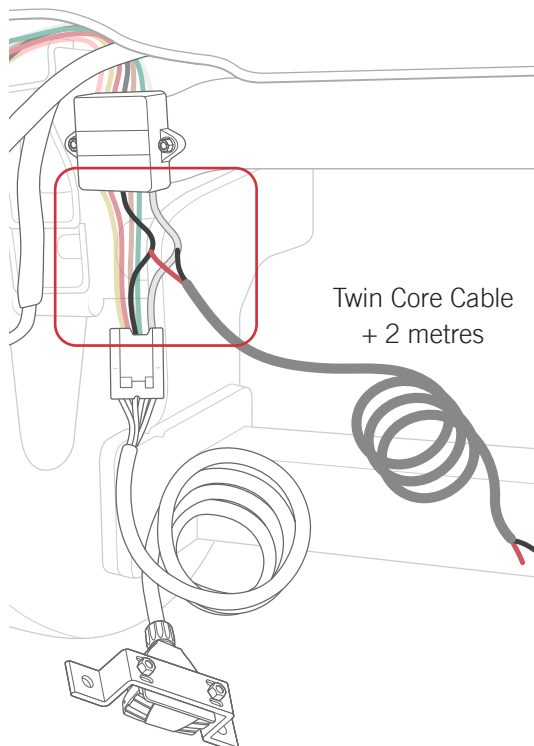


# FITTING REVERSE LED LIGHTS

## STEP 23

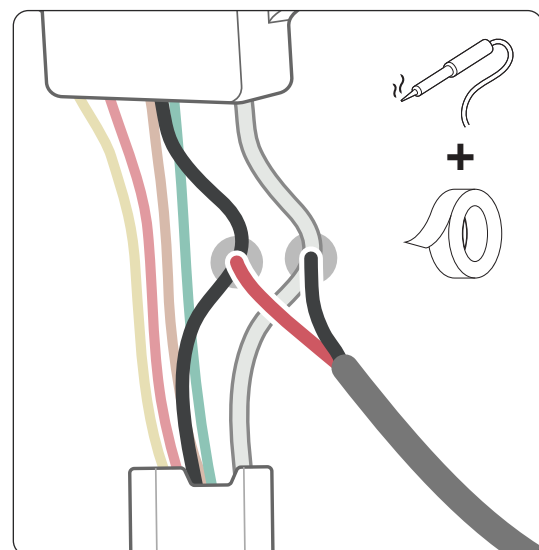


## STEP 24



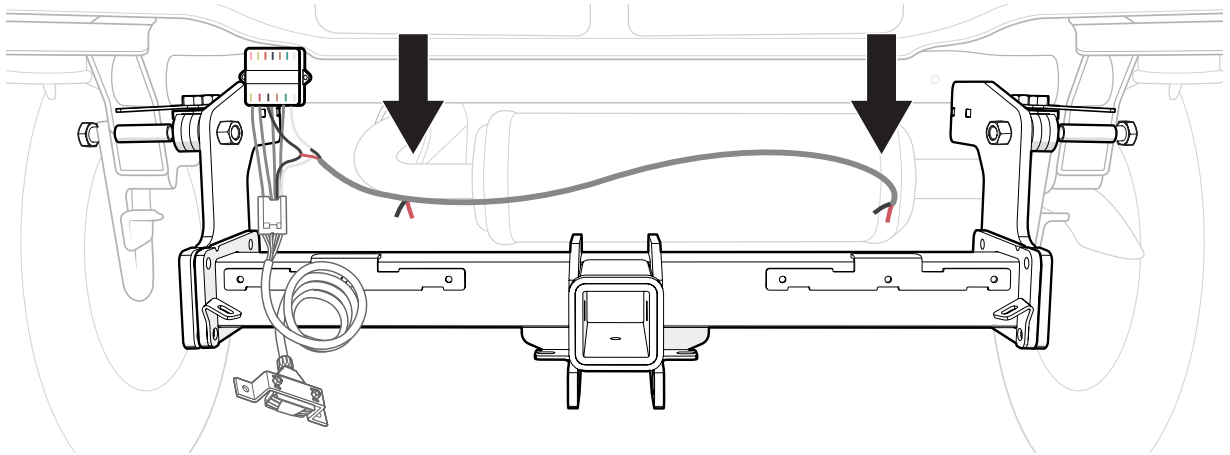
Solder ECU wires to Twin Core Cable as follows:

ECU	Wire
BLACK	> RED (Reverse Lights)
WHITE	> BLACK (Earth)



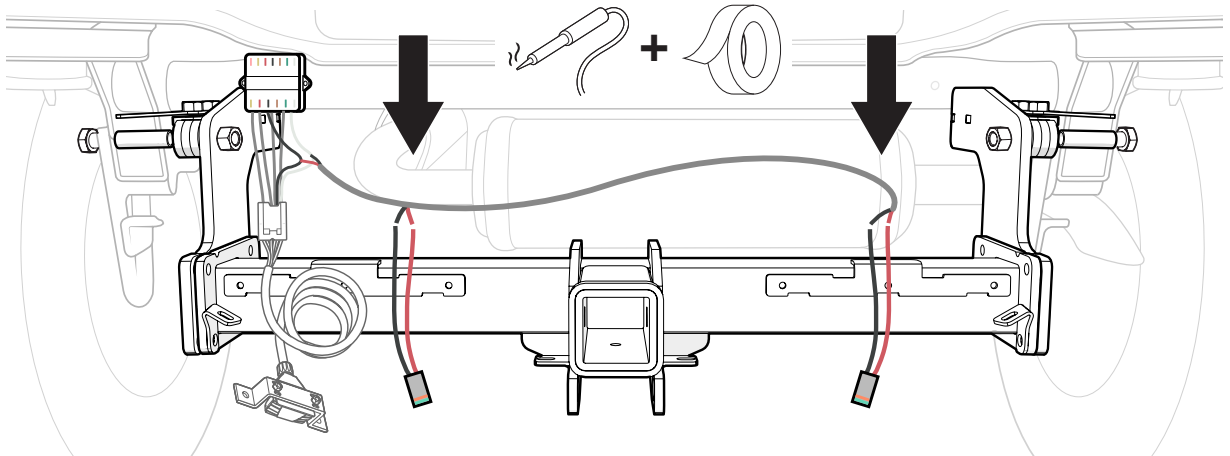
**STEP  
25**

Strip Wires where Reverse Lights will be located.



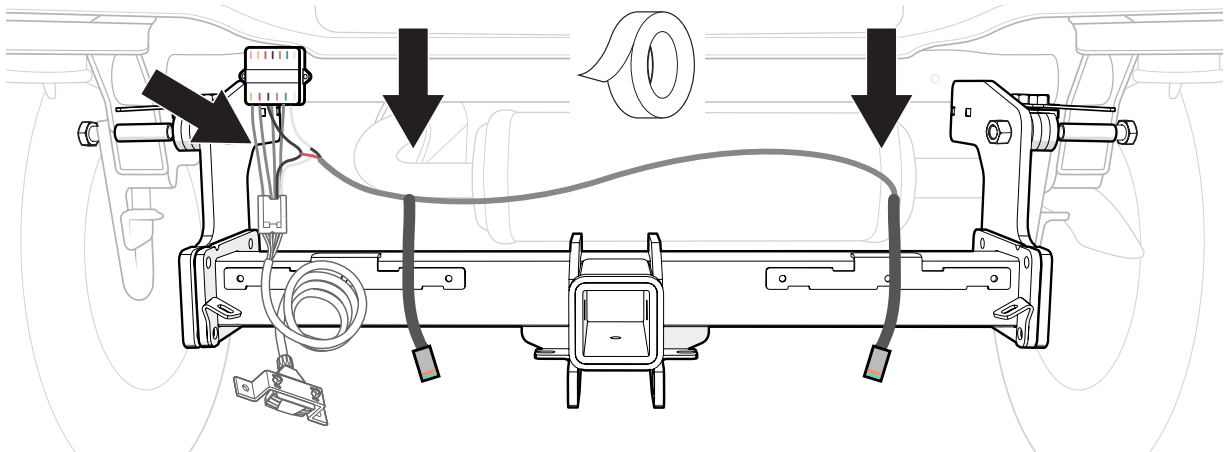
**STEP  
26**

Solder Reverse Light connectors.



**STEP  
26**

Wrap loose wire and soldered connections with electrical tape.

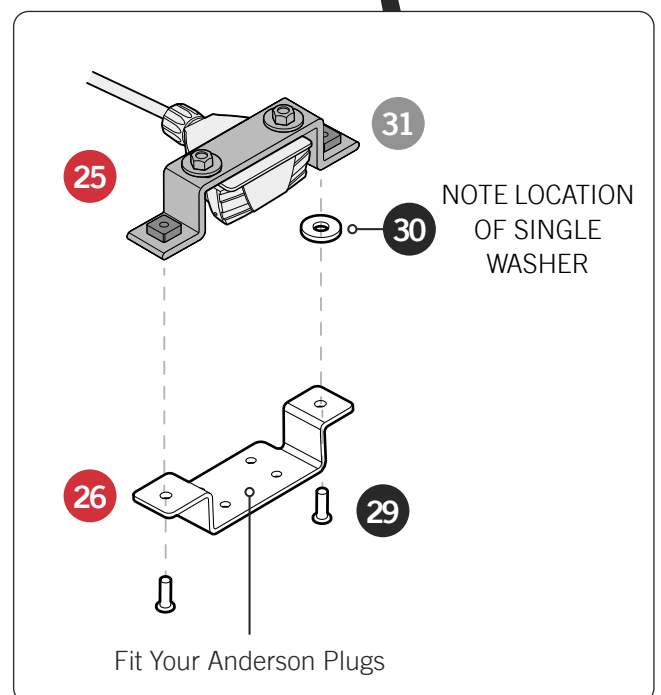
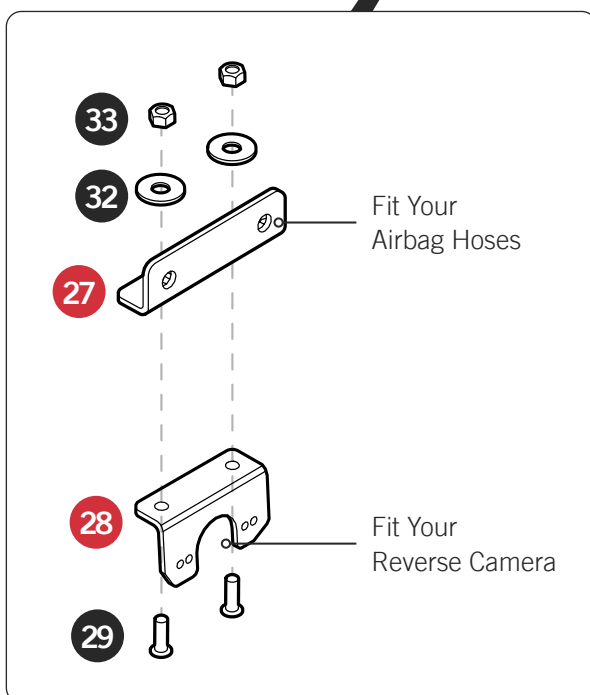
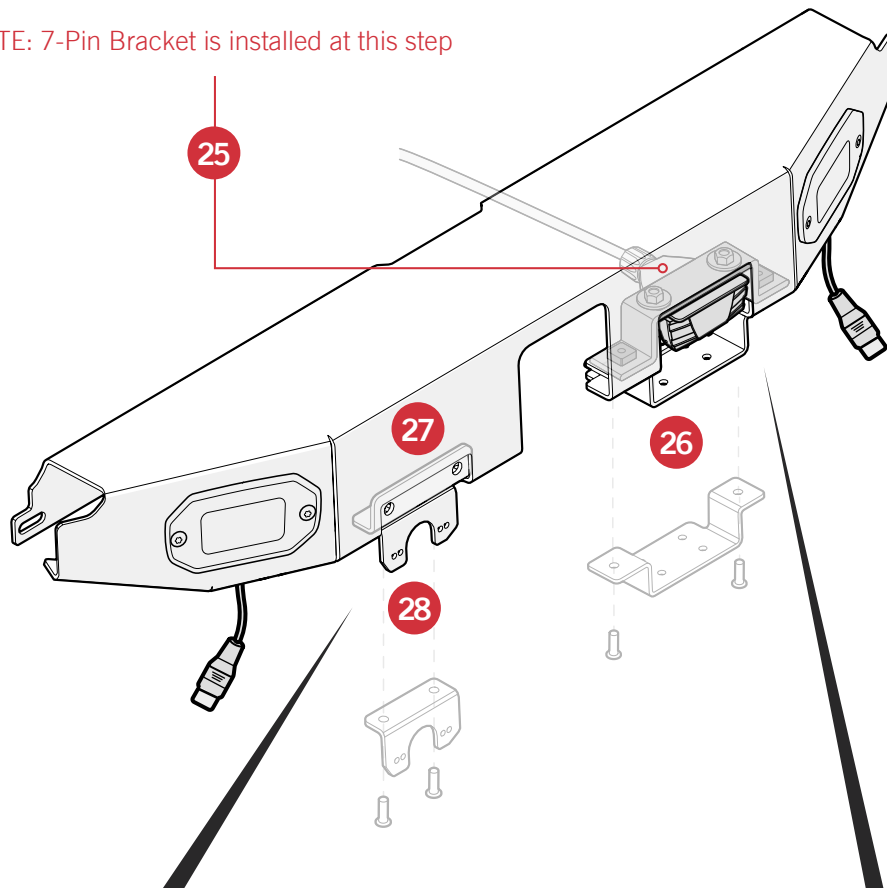




# FITTING ANDERSON PLUG, TRAILER REVERSE CAMERA & AIRBAG BRACKETS

## STEP 27

NOTE: 7-Pin Bracket is installed at this step

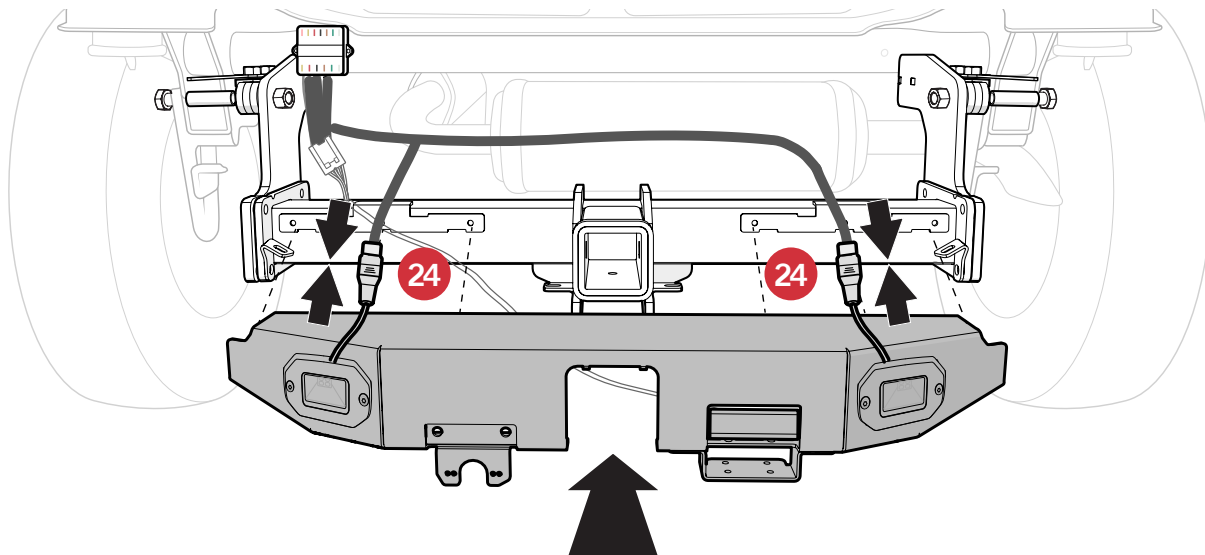


# FINALISE FITMENT

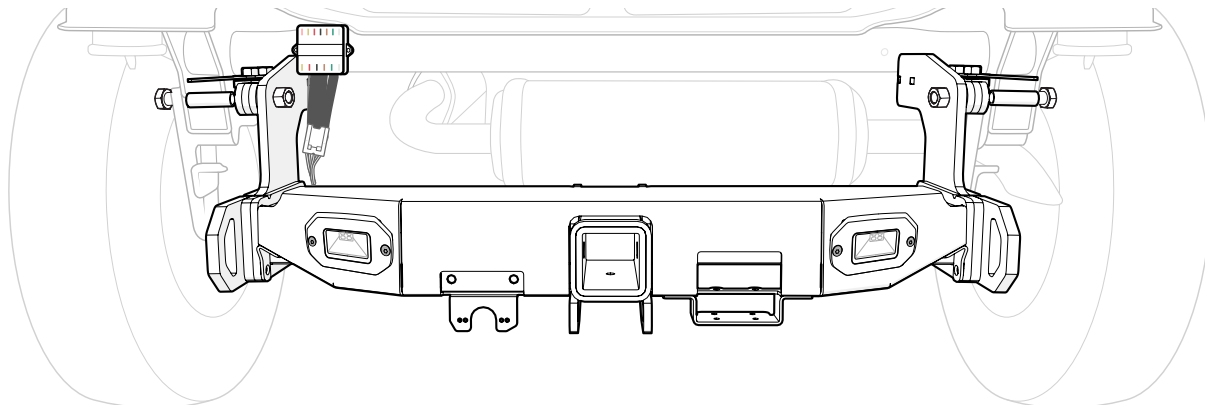
## STEP 28

Connect both Reverse Light Plugs.  
Position Dress Plate Step in line with x6 Chassis Bracket holes and x2 Dress Plate Bracket holes.

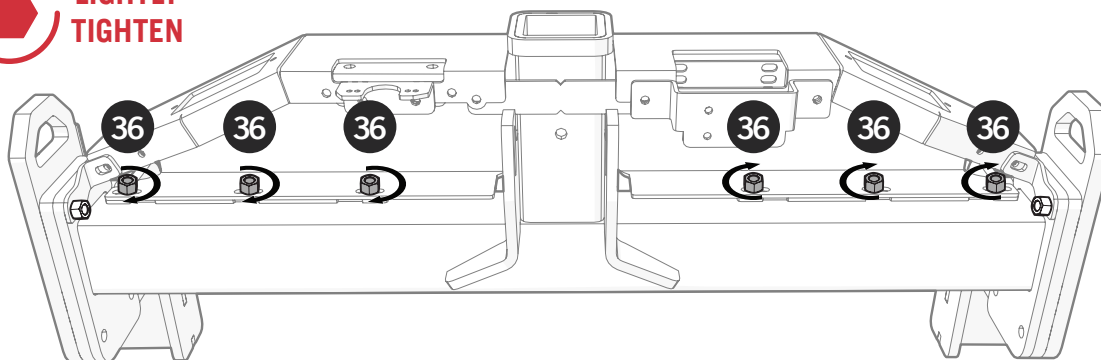
NOTE: SECURE ALL EXCESS WIRES TO THE TOWBAR OR VEHICLE BODY WITH ZIP-TIES.



## STEP 29

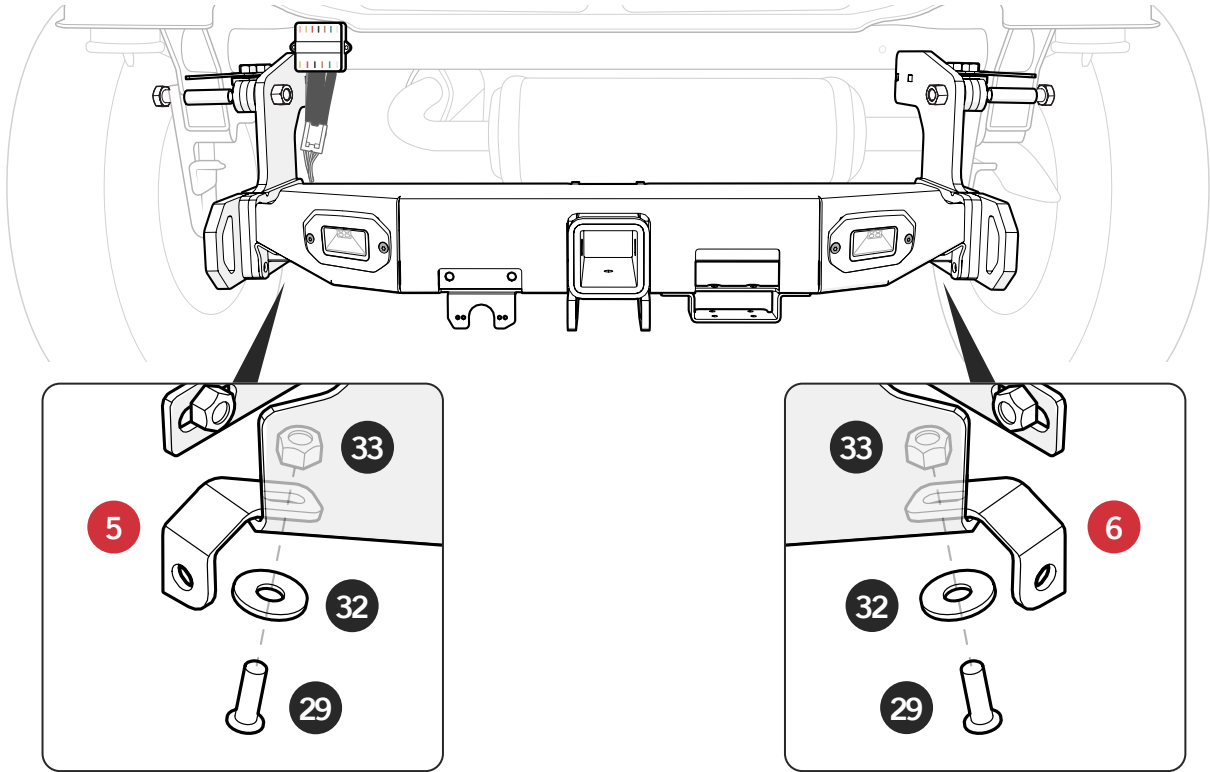


 **LIGHTLY TIGHTEN**

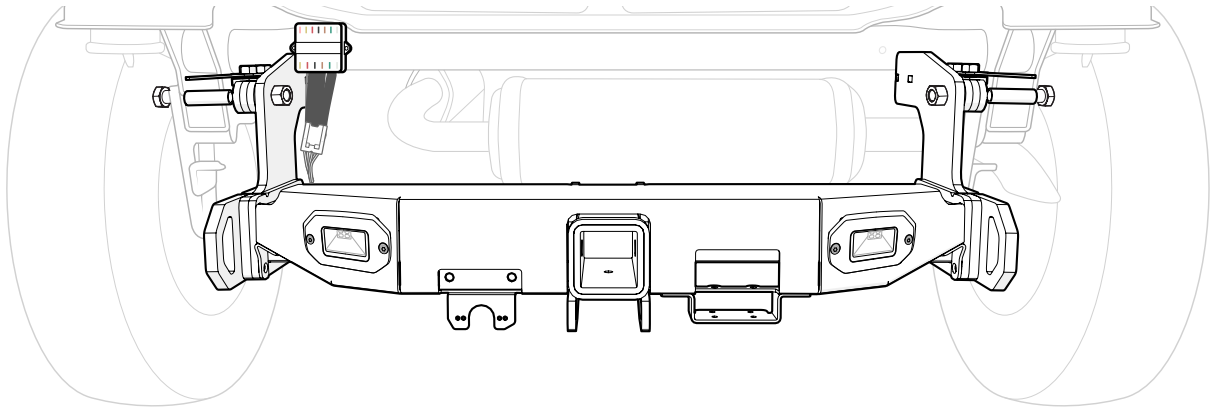




# STEP 30



# STEP 31



 **M12: 110-160NM**

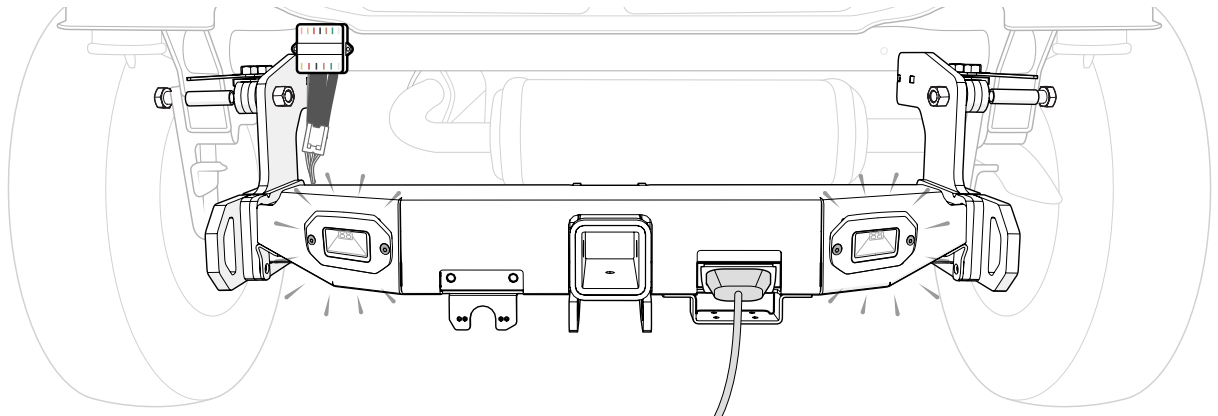
 **M10: 70-90NM**

 **M6: 12-15NM**

 **M4: 3-4NM**

# STEP 32

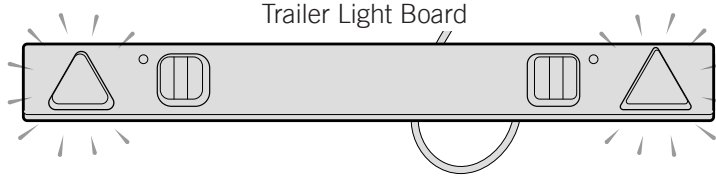
Ensure electrical connections are functional.



Trailer Light Board

**TEST:**

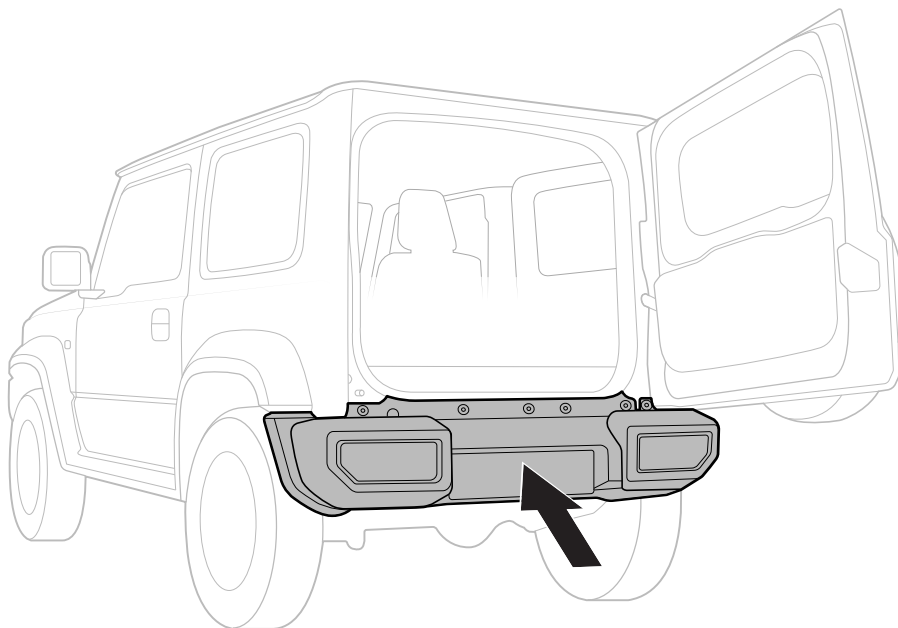
- Reverse Lights
- Brake lights
- Tail Lights
- Left/Right Indicators



# STEP 32

**COMPLETE STEPS 01 TO 06 IN REVERSE ORDER.**

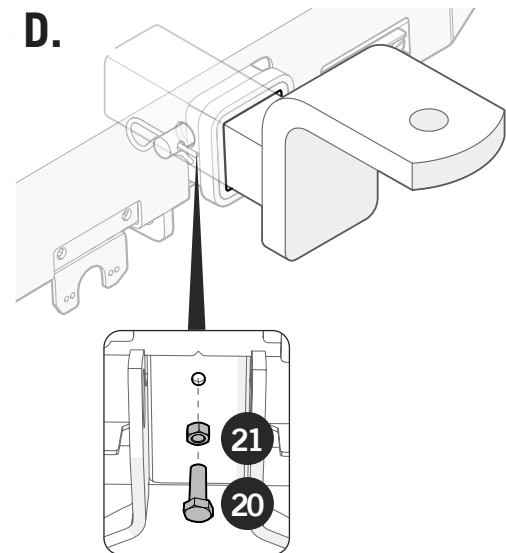
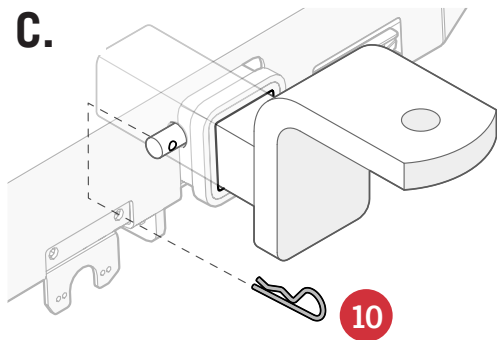
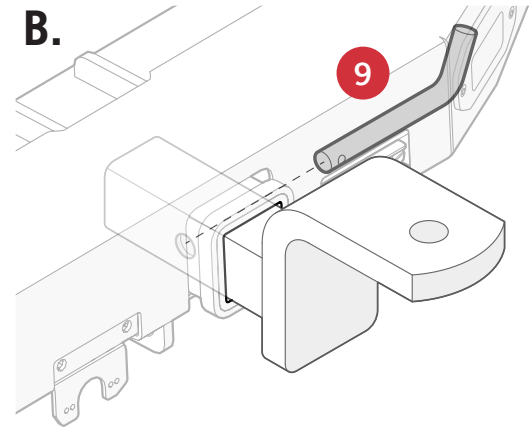
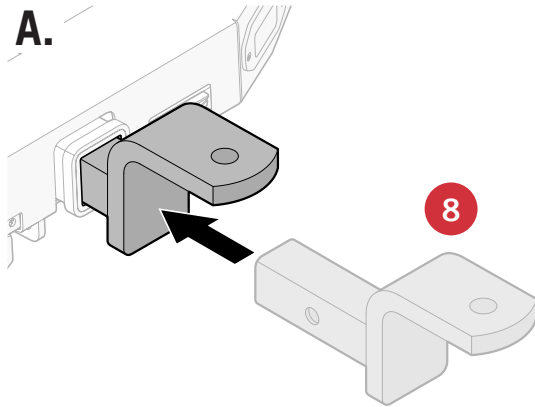
Reinstall all factory components and hardware to vehicle manufacturer's specifications.



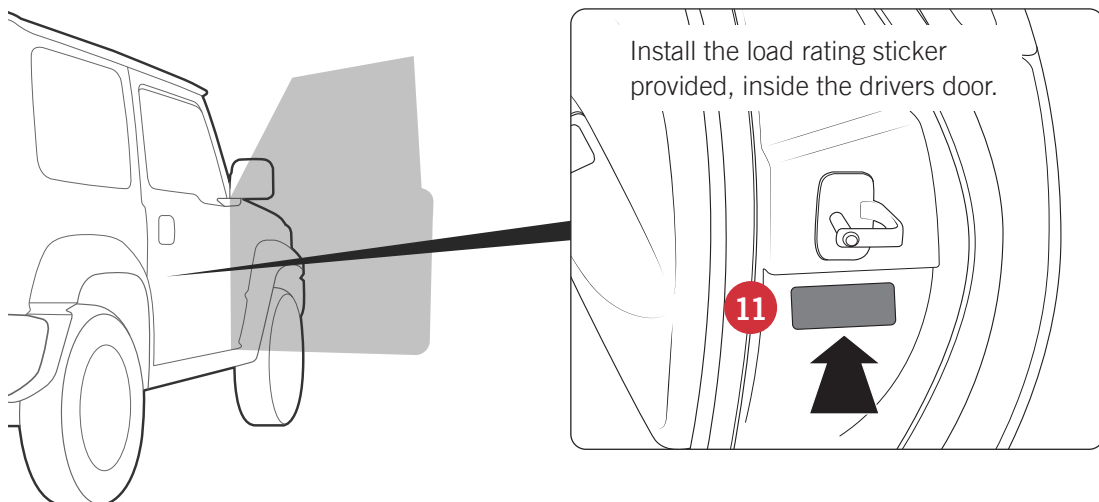


# TOWBALL USAGE

## STEP 32



## STEP 33





## We're here to help

Want to chat? Call **1800 869 227**  
or email [hello@carasel.com.au](mailto:hello@carasel.com.au)

Learn more about us at  
[carasel.com.au](http://carasel.com.au)



**100% AUSTRALIAN  
MADE AND OWNED**



**DRIVE AWAY  
LIFETIME WARRANTY**



**MANUFACTURED TO  
AUSTRALIAN STANDARD**