

Please note:

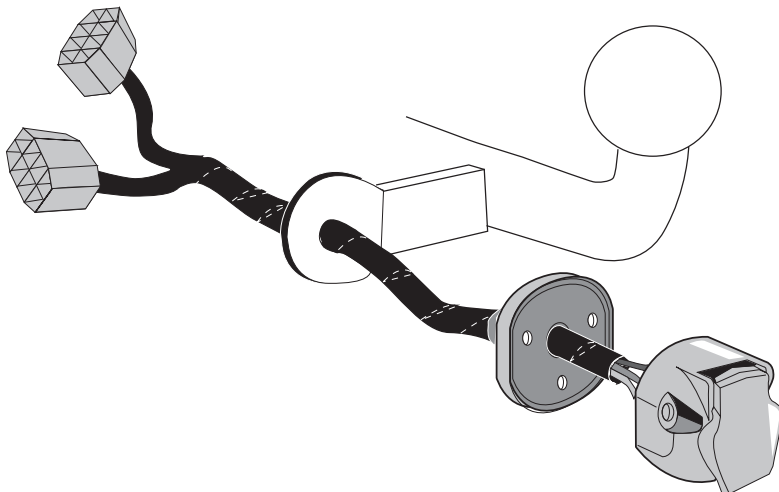
This tow bar wiring kit has no influence on the towing vehicle's assistance systems. Assistance systems with emergency brake function (AEB) will not be influenced or automatically deactivated whilst a trailer is attached.

Automatic or remote-controlled parking assistance systems must not be used whilst a trailer is attached!
For more information please refer to the vehicle owner's manual.

Suzuki e-Vitara 10/2025 >>
Toyota Urban Cruiser 07/2025 >>

Part No: SZ-059-13MU

Electric wiring kit for towbars / 13-pin / 12 Volt / ISO 11446 Fitting instructions

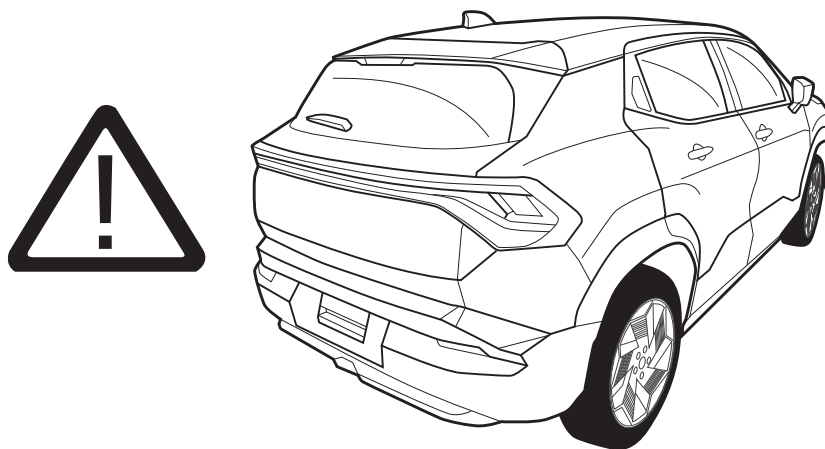


IMPORTANT!

The installation of the towing electrics kit must be carried out by a qualified car technician. No claim can be made for compensation or legal liability in case the kit is improperly installed or modified, in case the vehicle is insufficiently coded, or in case technical changes (software-updates) are made after the towing electrics kit has been put into operation, for example during product recalls by the vehicle manufacturer or OTA maintaining (Over-The-Air software updates). Before installing the towing electrics kit, you must verify the compatibility of the vehicle and the towing electrics kit. Evaluate vehicle fault memory. Only start installation on a fault-free vehicle. Read the fitting instructions completely. In case of questions, please contact ECS technical support: uks@ecs-electronics.com and/or 07440 202052. The installation manual contains important information and must be kept with the vehicle service documents after the installation of the towing electrics kit. Vehicle manufacturer diagnostic systems do not have access to the internal fault memory of the trailer module. Error logs in diagnostic processes may be due to improper installation or insufficient coding of the vehicle. If necessary, disconnect the trailer module and repeat the diagnostic process. Limit the time for troubleshooting to a maximum of 0,5 hours and contact ECS technical support in case of any problems. The trailer socket test must be carried out with a suitable test device, a trailer or a load carrier. LED test plugs without load resistors are not suitable for a proper function test. Trailer or load carriers must be equipped with a rear fog light. If a trailer socket adaptor has been used, this must be removed from the trailer socket after trailer operation. All information and illustrations shown are non-binding. Subject to technical changes.

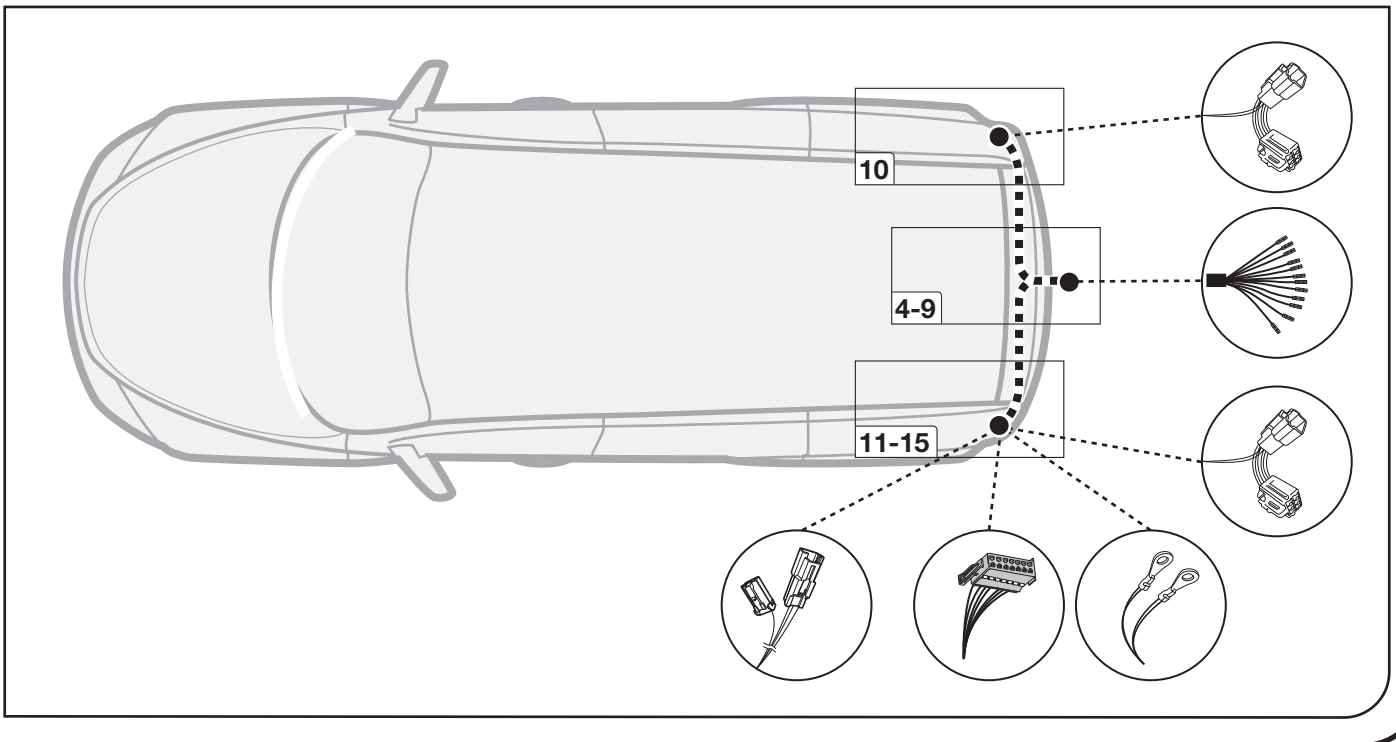
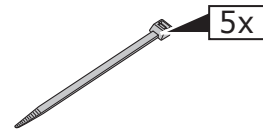
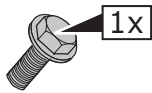
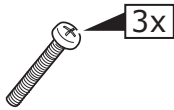
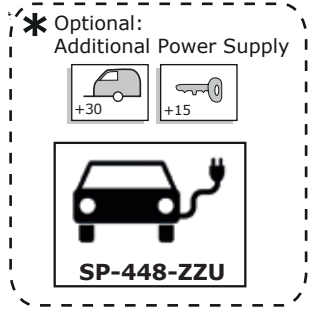
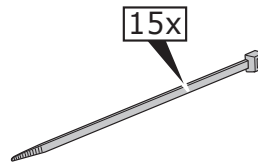
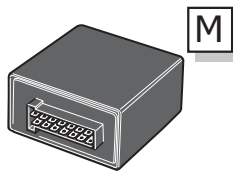
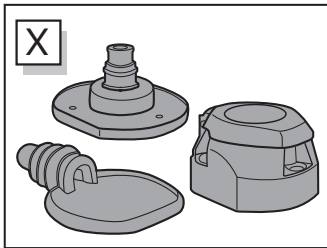
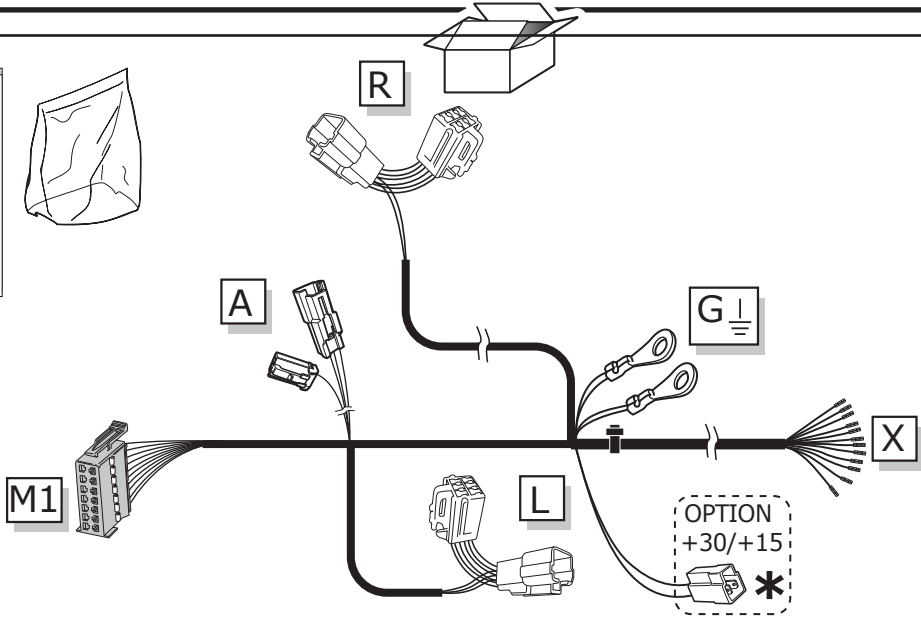


**This kit does not support any of the assistance systems of the vehicle.
Vehicle assistance systems may have to be deactivated manually
when towing a trailer!**



**Please note that the operation of the electric tailgate will continue
to function with a bicycle carrier/trailer/caravan attached.
It must be operated manually.**

INFO



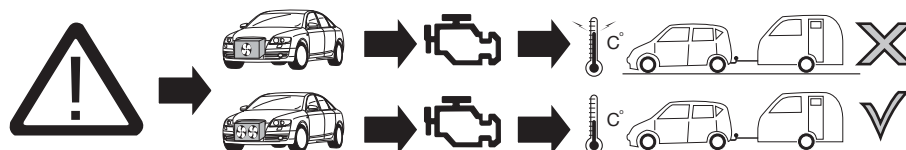
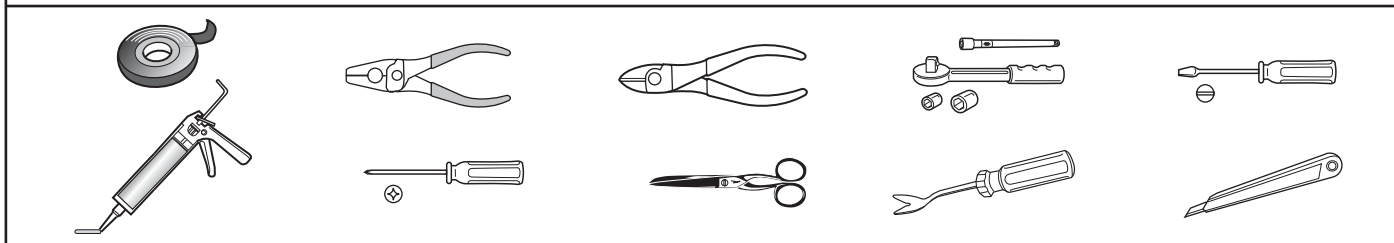
SYMBOL EXPLANATION

| | |
|------------|--|
| 58L | Left taillight (58-L) |
| 58R | Right taillight (58-R) |
| 54 | Stop light (54) / high mounted, third stop light (54) |
| | Turn signal indicator left |
| | Turn signal indicator right |
| | Rear fog light(s) |
| | Reversing lights(s) |
| +30 | Permanent power supply / 13pin socket, chamber 9 |
| +15 | Charging wire for trailer battery / 13pin socket, chamber 10 |
| | Trailer / Trailer recognition |
| +30 | Permanent current power supply |
| +15 | Voltage after ignition |

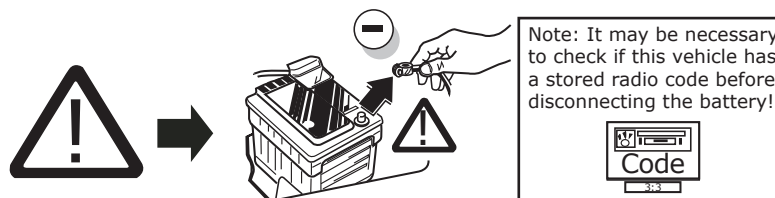
| | |
|--|--|
| | Ground or Earth (31) |
| | Ground connection battery terminal lug |
| | Positive connection battery terminal lug |
| | Fuse / fuse capacity 20 Amp |
| | Loudspeaker / buzzer |
| | Park distance control |
| | Switch / source of function |
| | Connect together |
| | Disconnect |
| | PDC cut off |
| | Look carefully at selected area |
| | Present / Occupied / OK |

| | |
|--------------------|---|
| | Not present / Not occupied / not OK |
| | Left |
| | Right |
| | Acoustic indication |
| | Attention / important advice |
| | Reusable |
| | Trash bin |
| | Use tape |
| OPTION | Option |
| INFO | Information |
| | Measure the voltage |
| NO NC COMMON | Normally open Normally close Common |

TOOLS



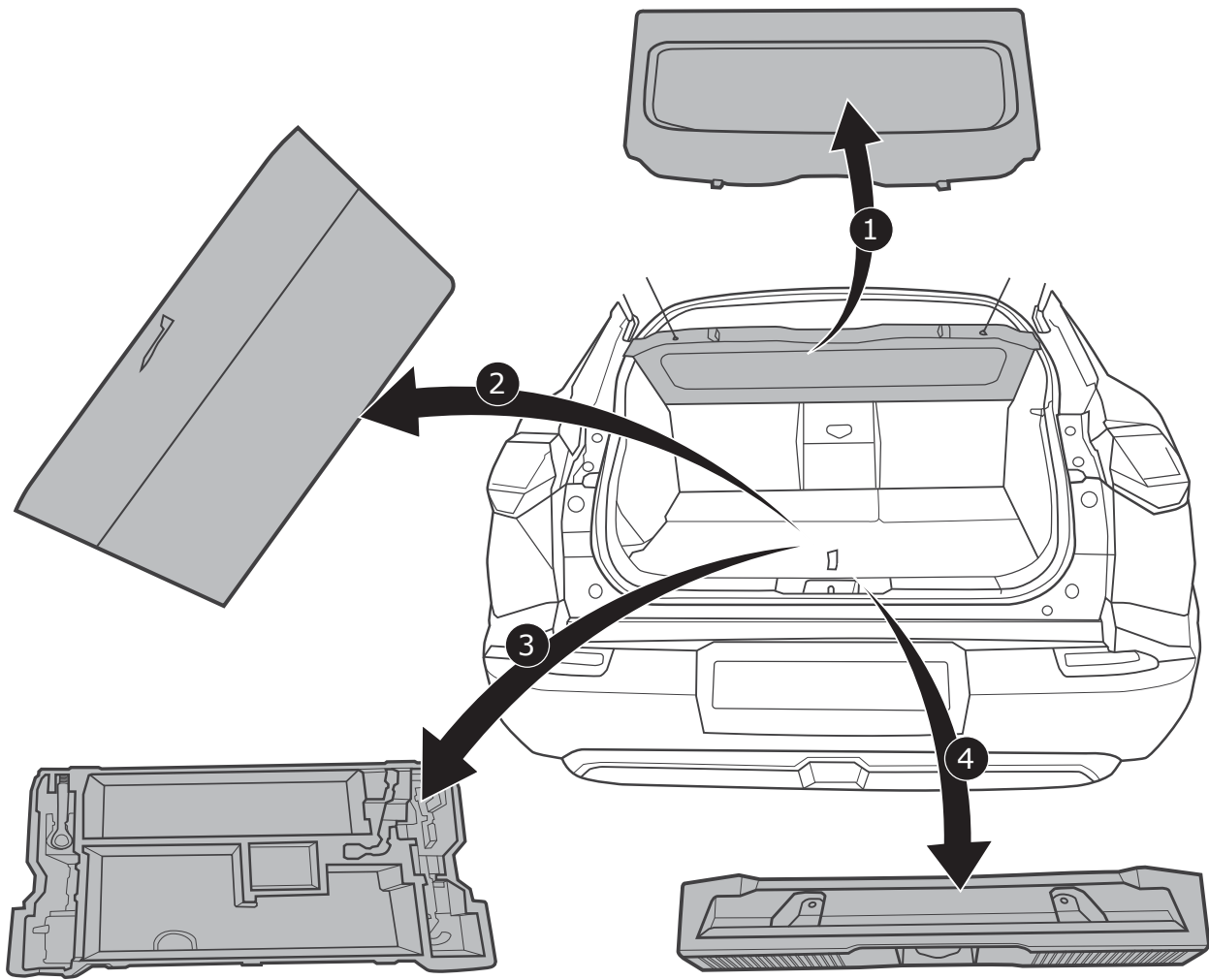
ATTENTION! The vehicle's cooling capacity may have to be increased when retrofitting a trailer coupling! You must observe the manufacturer's instructions!!



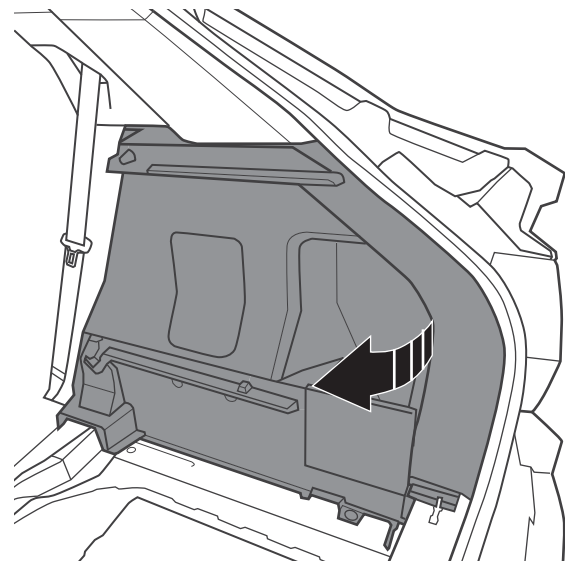
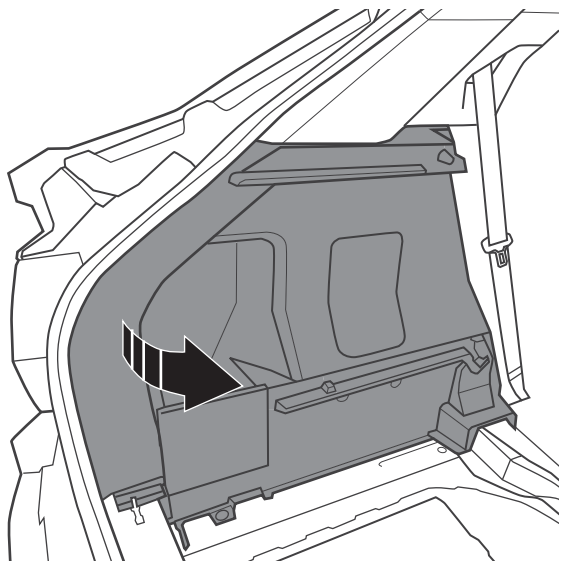
ATTENTION! In order to avoid mal-functions and damage to the vehicle's electrical system the earth terminal **must be disconnected** from the vehicle's battery **before starting work!**

1 Both the trailer module and the vehicle's control unit for the electrical system can be damaged during work on the data bus connections if the battery is not disconnected!

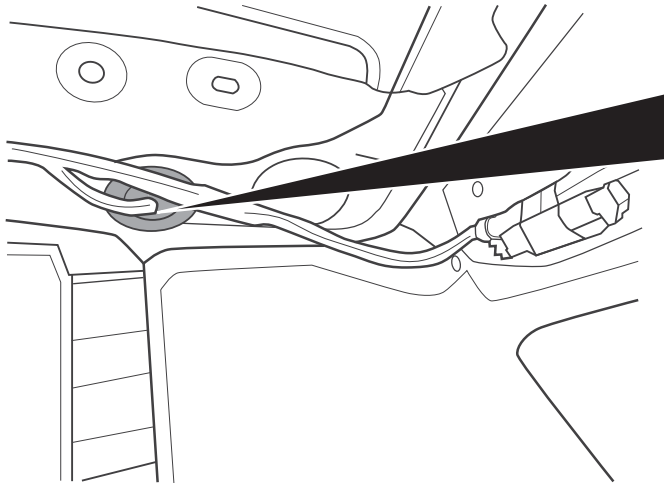
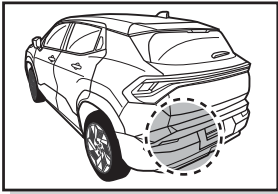
Please pay attention to the manufacturer's instructions when disconnecting and reconnecting the vehicle's battery!



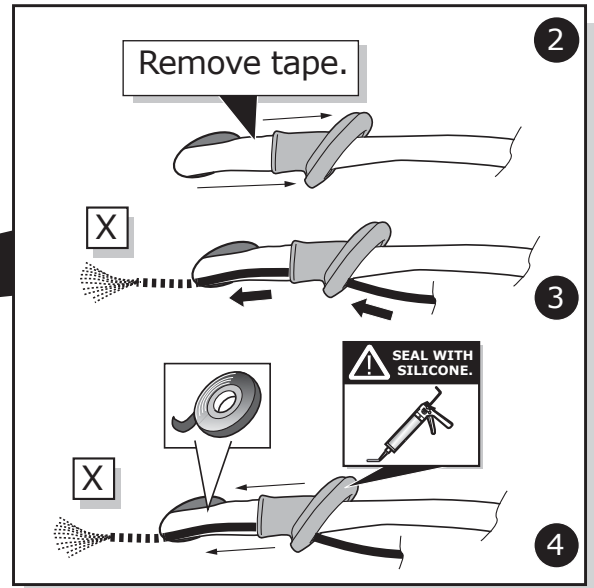
2



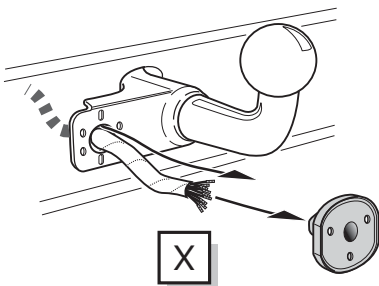
3



4

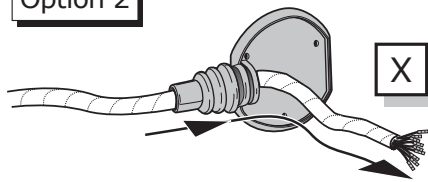


Option 1

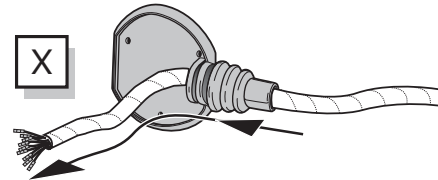


5

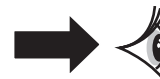
Option 2



Option 3



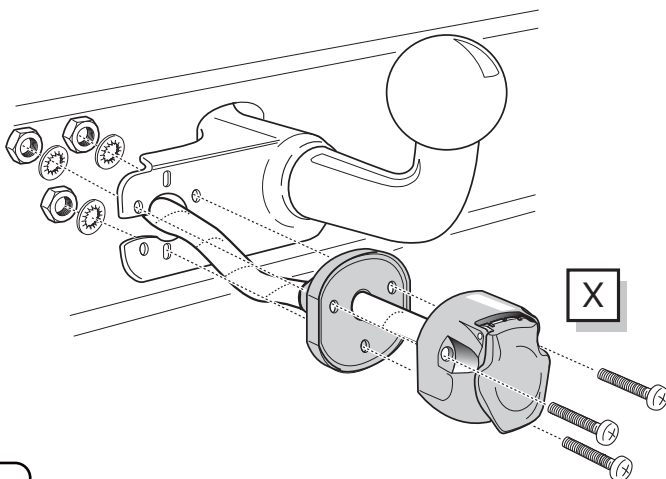
Socket connection



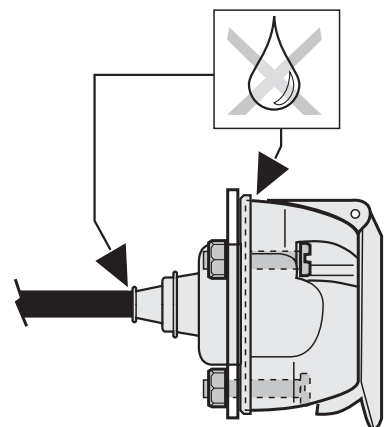
Page 13

6

Option 1



7

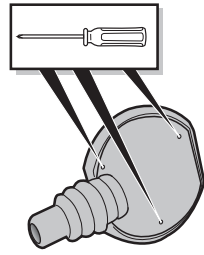


Option 2

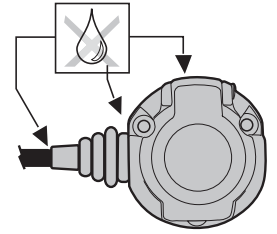
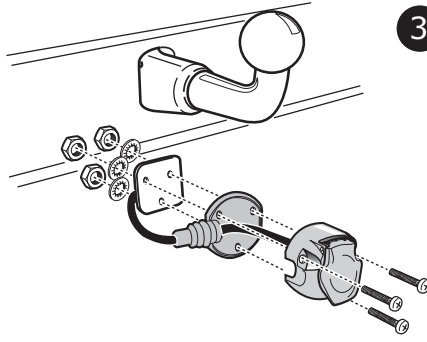
1



2



3



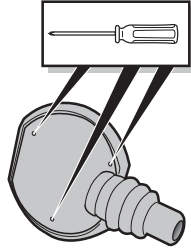
8

Option 3

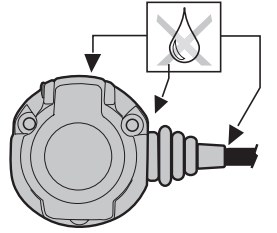
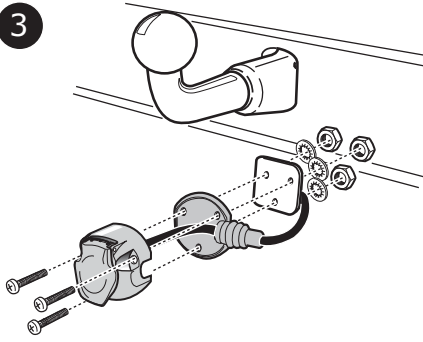
1



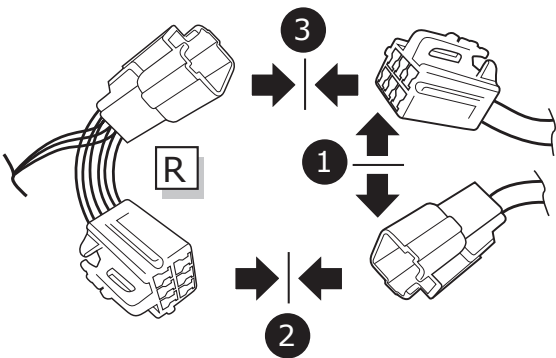
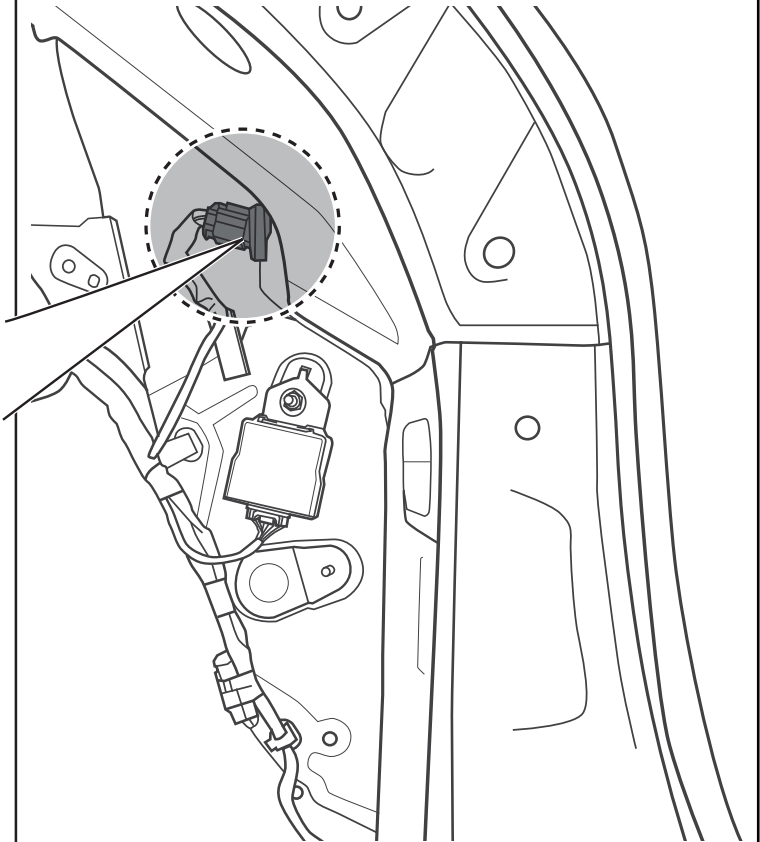
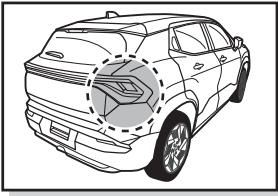
2



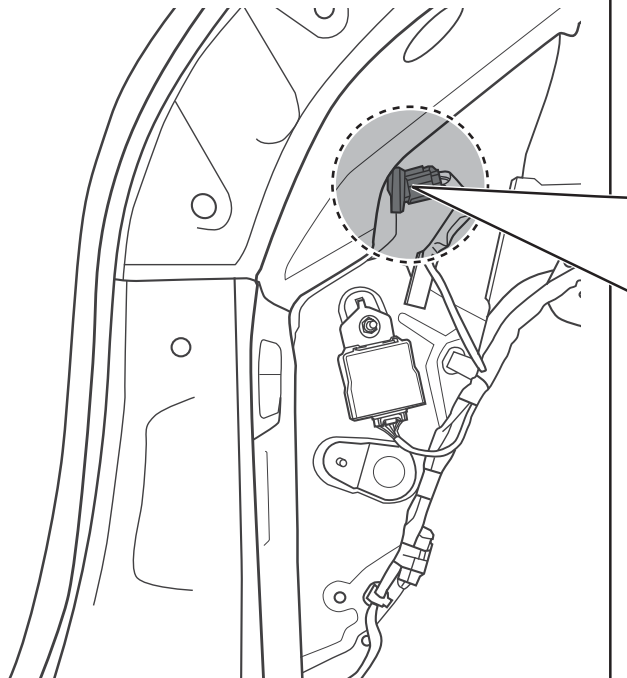
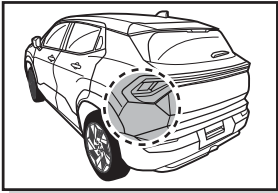
3



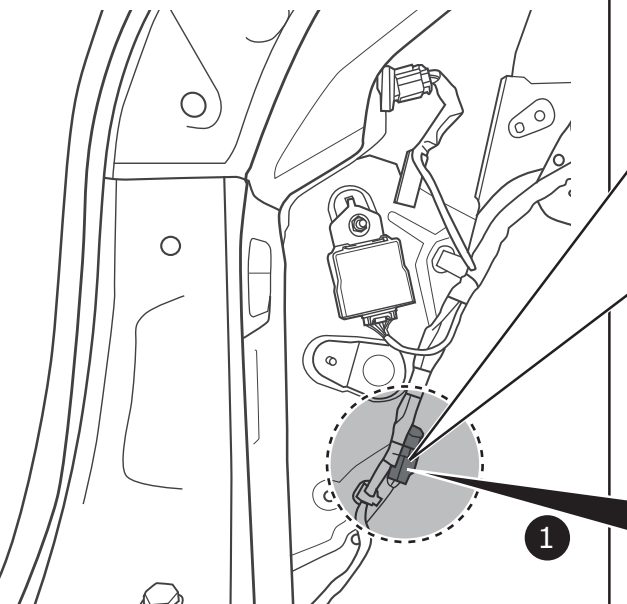
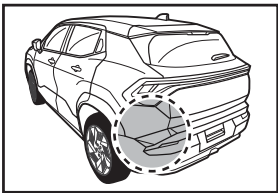
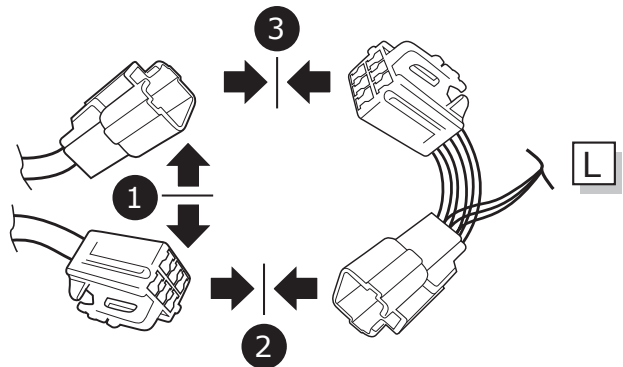
9



10

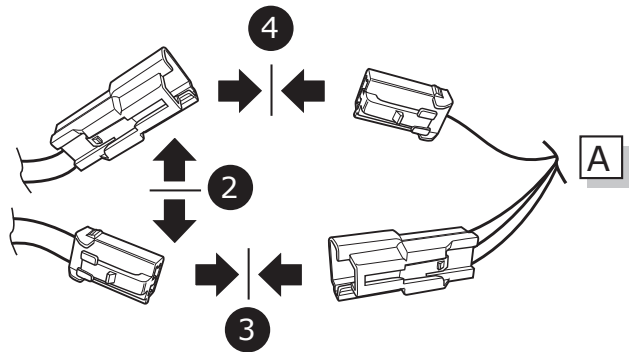


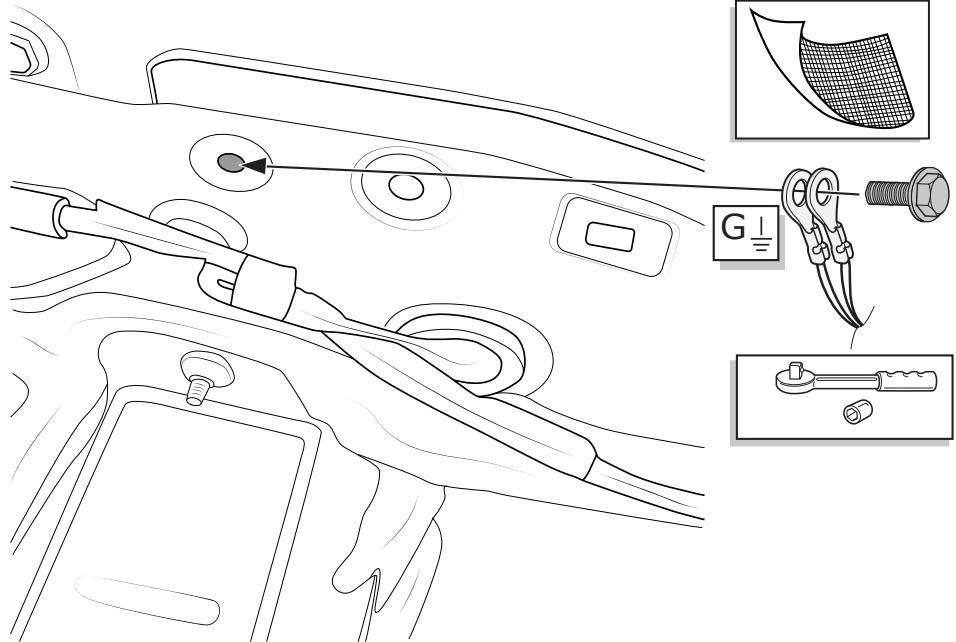
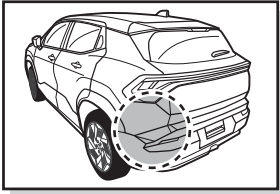
11



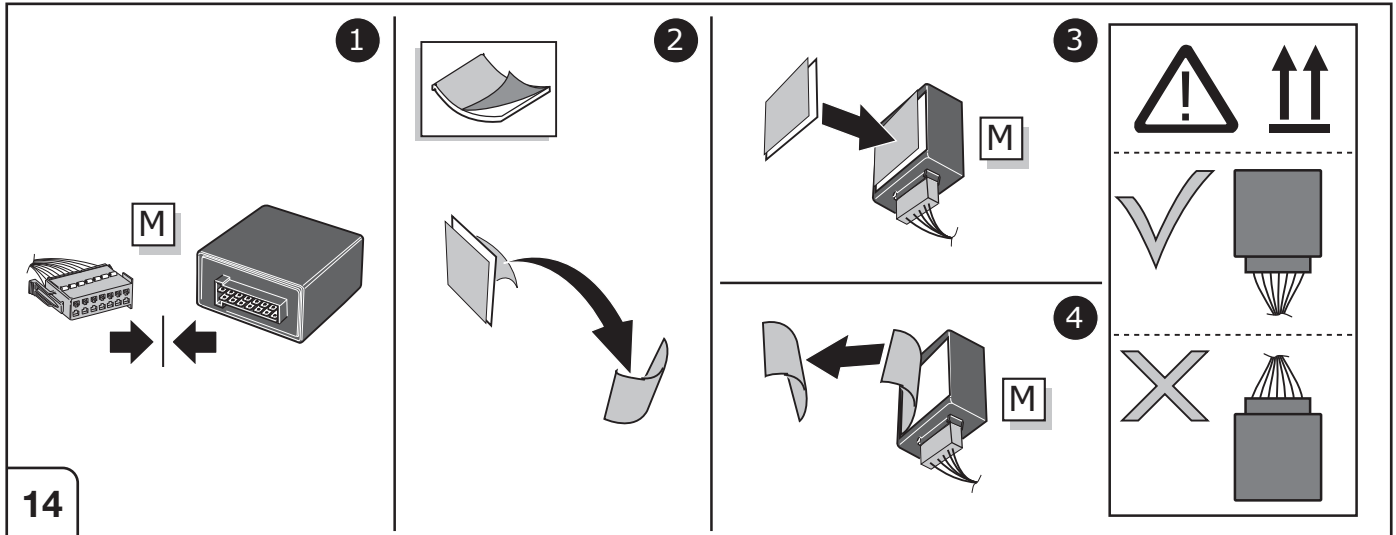
1 Remove tape.

12

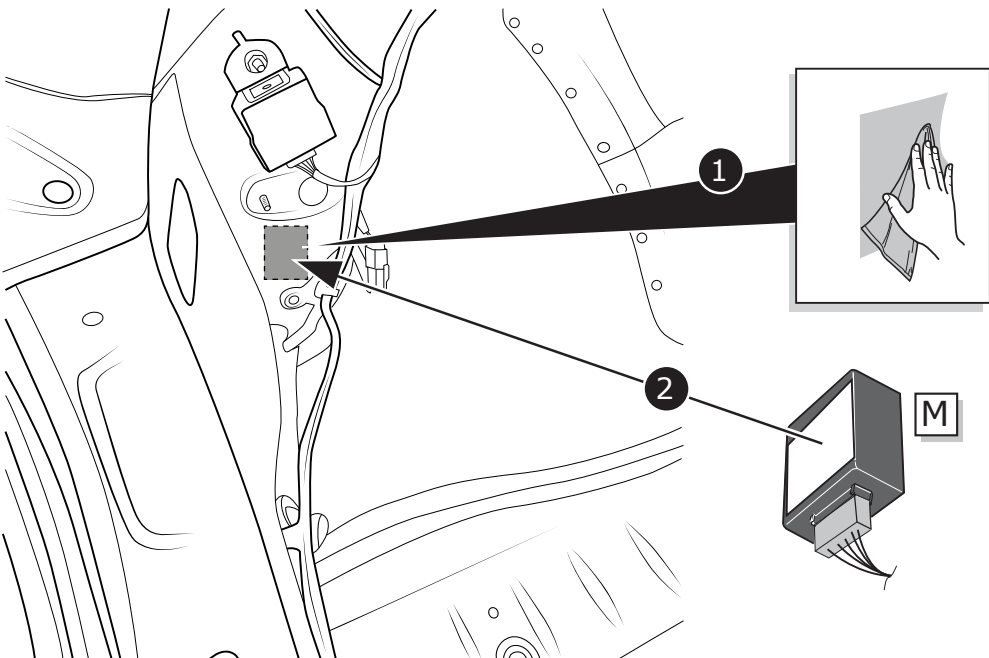
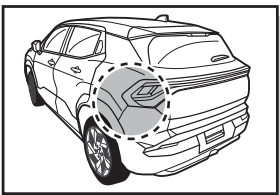




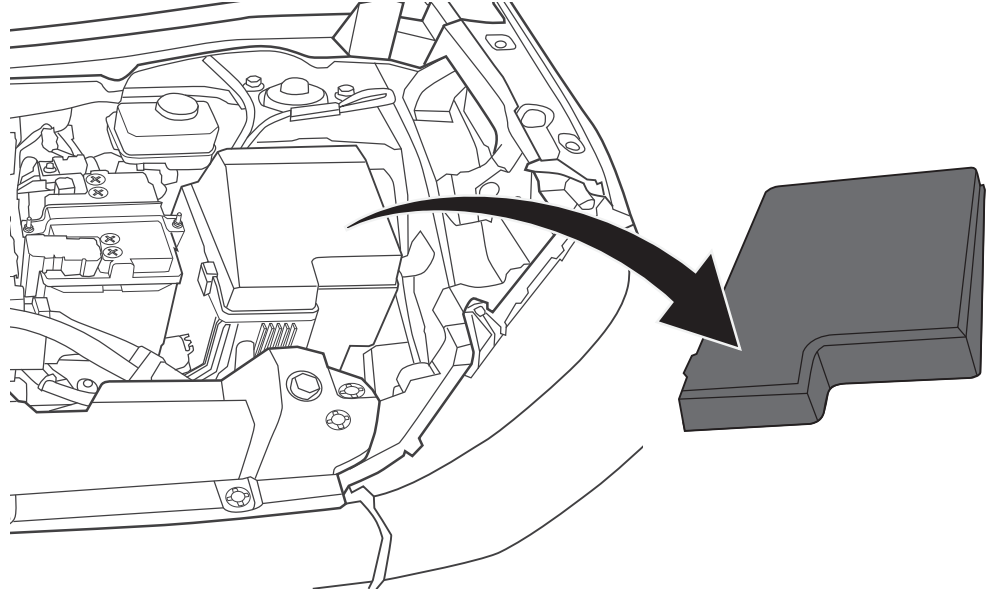
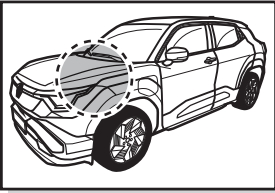
13



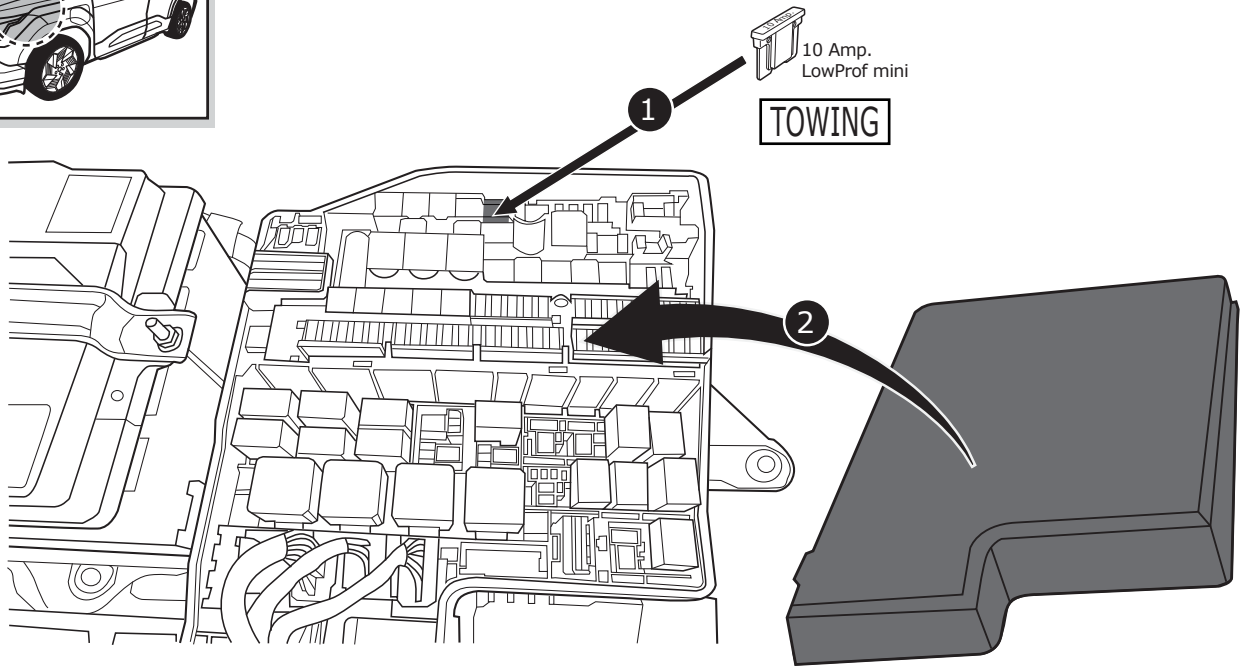
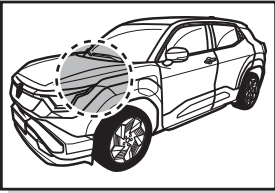
14



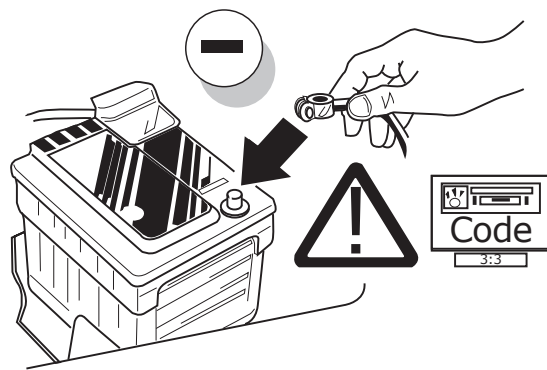
15



16

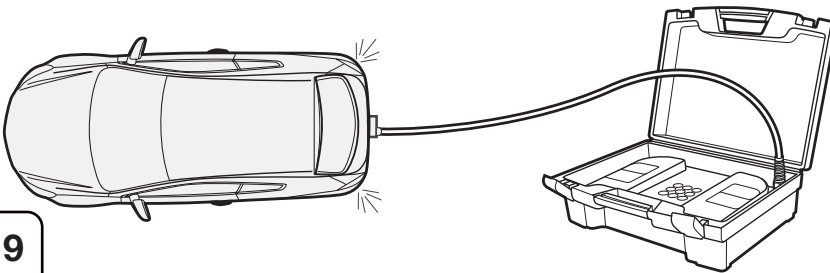
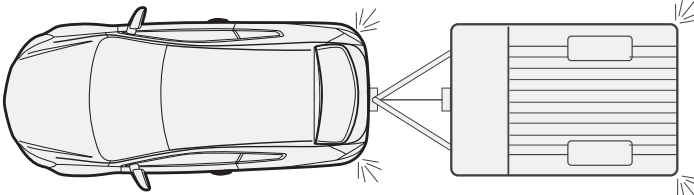
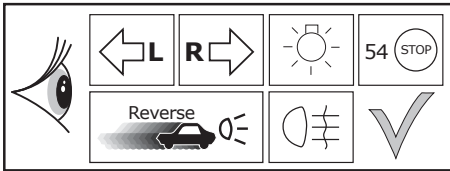


17

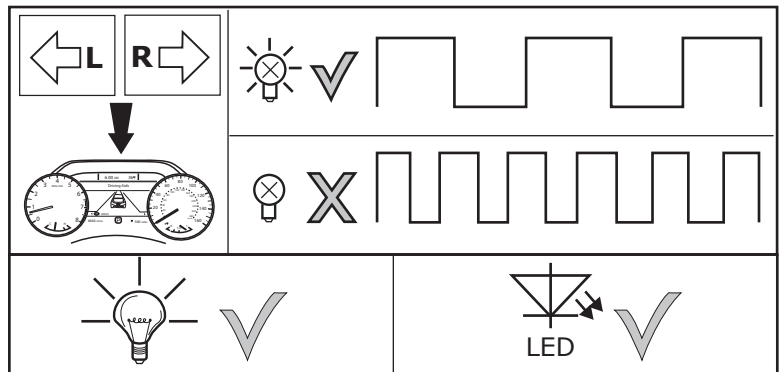
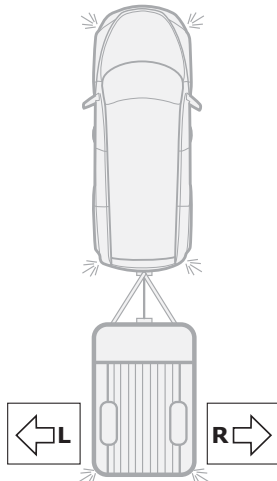


18

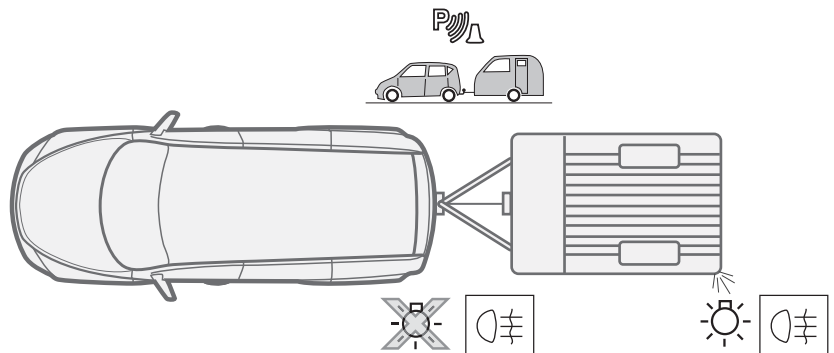
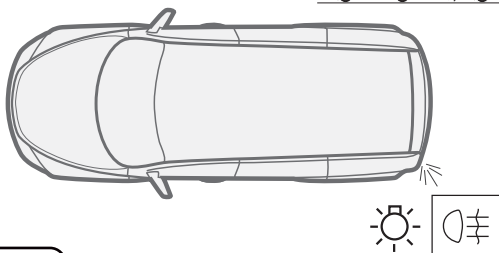
Functional test



19



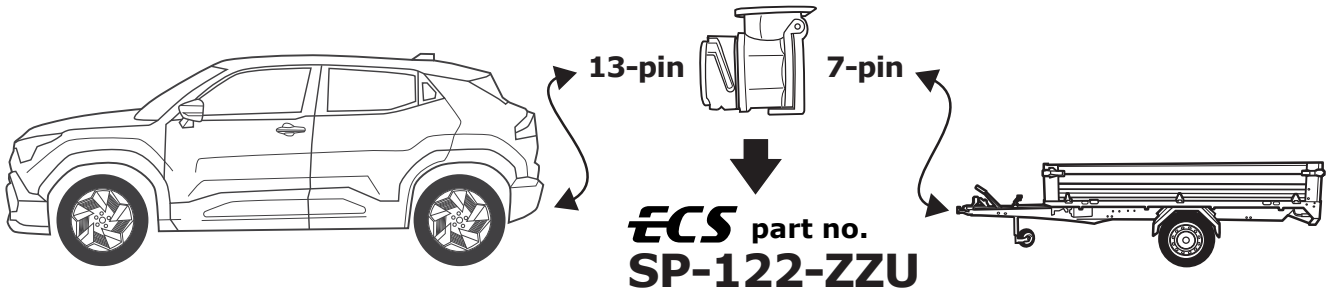
20



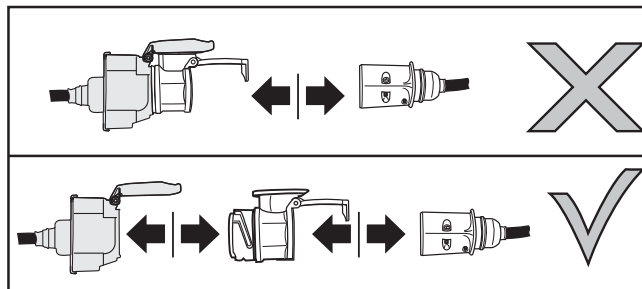
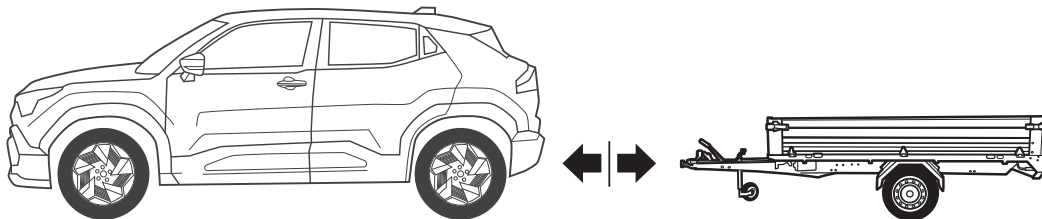
21

Optional

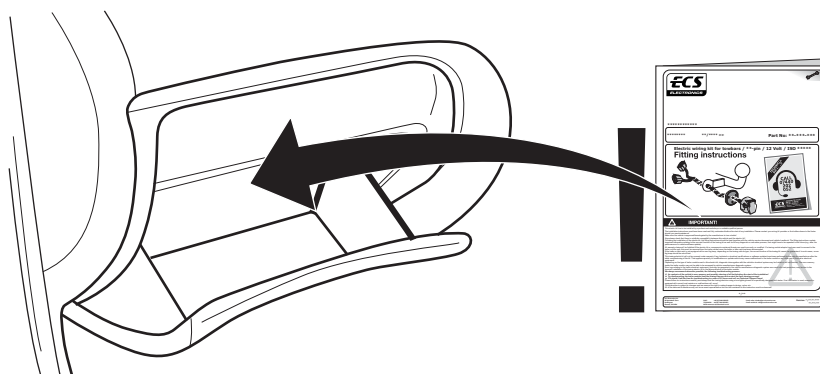
Adapter socket



22

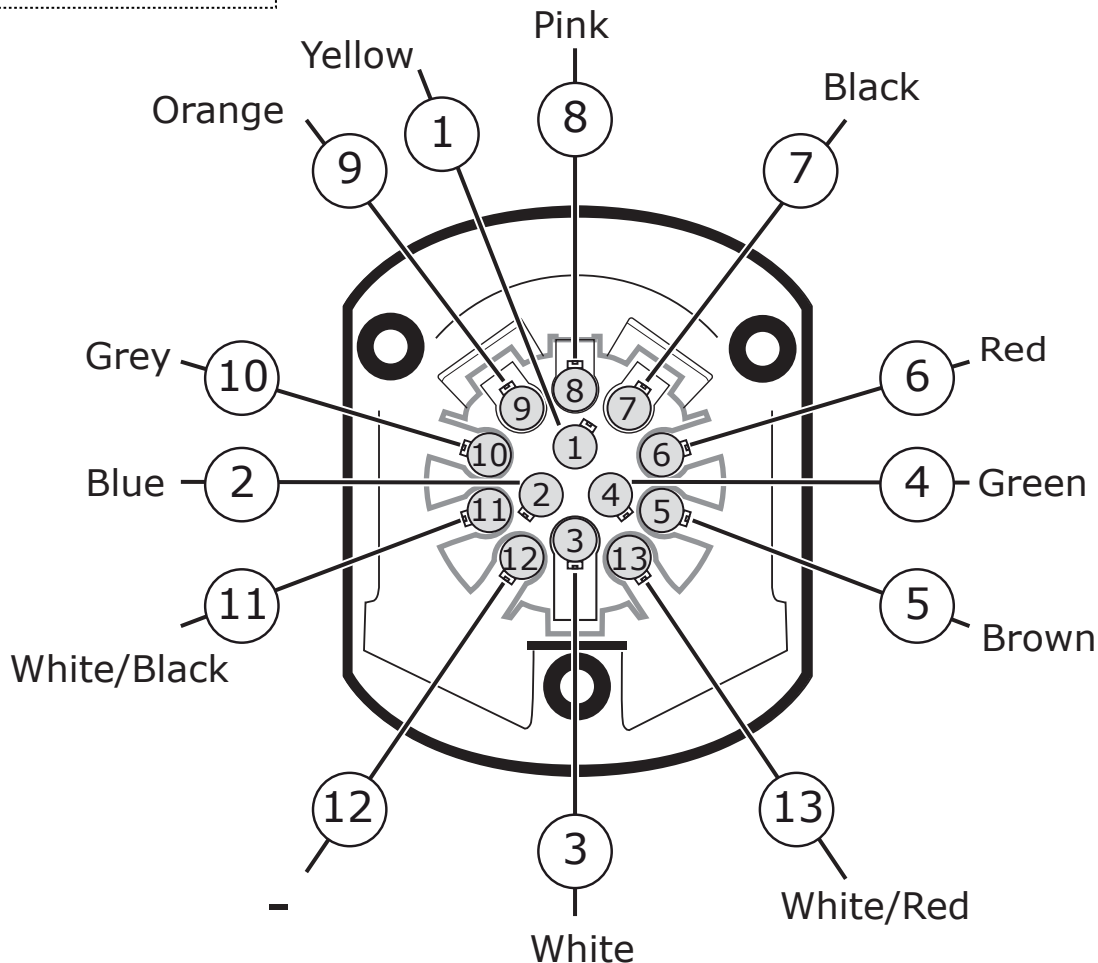
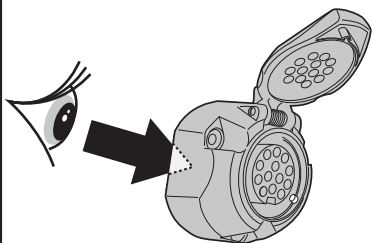


23



24

SOCKET CONNECTION



SOCKET CONNECTION

| DIN/ISO 11446 | | | | | | | | | | | | | |
|---------------|--------|------|-------|-------|-------|-------|-------|------|--------|--------|-------------|---|-----------|
| Pmax | 21W | 21W | | 21W | 42W | 3x21W | 42W | 21W | OPTION | OPTION | | | |
| Colour | Yellow | Blue | White | Green | Brown | Red | Black | Pink | Orange | Grey | White/Black | - | White/Red |