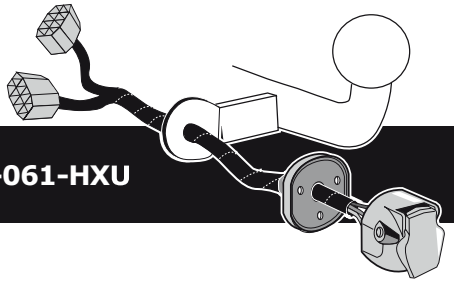
VOLKSWAGEN
VW Touareg III 06/2018 >>

AUDI	
A4 Saloon	11/2015 >>
A4 Avant	11/2015 >>
A4 Allroad	07/2016 >>
A5 Coupé	10/2016 >>
A5 Sportback	01/2017 >>
A5 Cabriolet	03/2017 >>
Q5	01/2017 >>
Q7	06/2015 >>
Q7 E-tron	2015 >>
Q8	08/2018 >>
e-tron	03/2019 >>
e-tron Sportback	04/2020 >>

For models with and without prepared trailer connector



Partnr.: AU-061-HXU

• Fitting instructions electric wiring kit tow bar with 13-P socket up to DIN/ISO Norm 11446.

• We would expressly point out that assembly not carried out properly by a competent installer will resultin cancellation of any right to damage compensation, in particular those arising by virtue of the product liability act.

• Contents of these kits and their fitting manuals are subject to alteration without notice, please ensure that these instructions are read and fully understood before commencing installation.

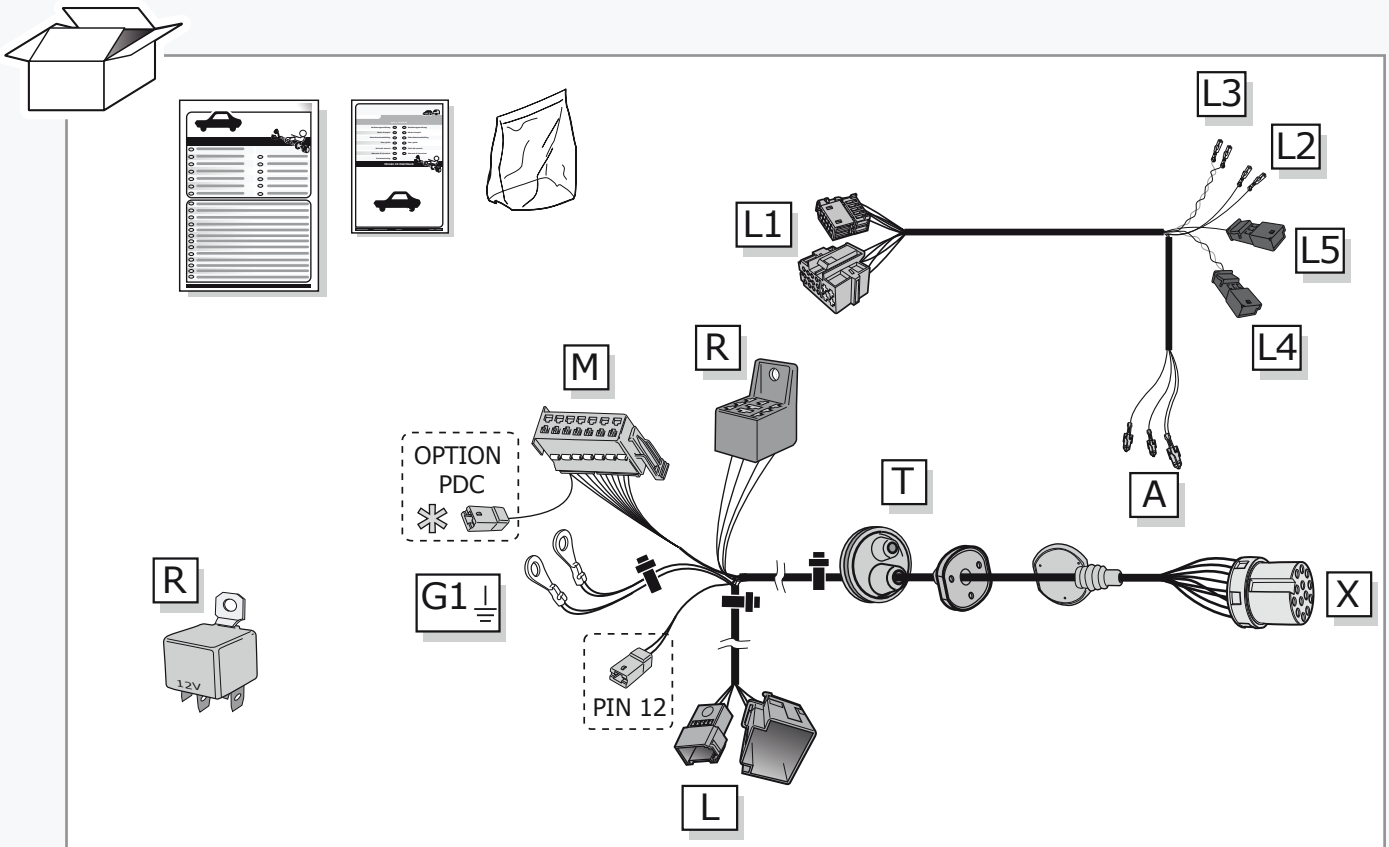
• Do not overload circuits; the maximum loads per connection are detailed in this manual.

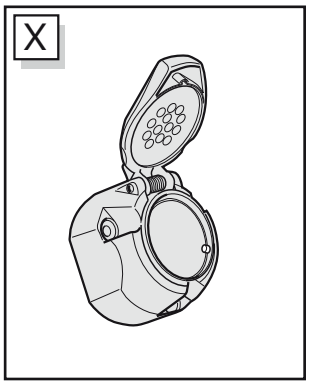
• Attention! Before Installation, please read this manual carefully and inform your customer to consult the vehicle owners manual to check for any vehicle modifications required before towing.

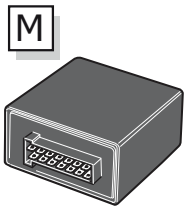
• In the event of functional problems, troubleshooting must be limited to about 0.5 hours, contact the technical support: ukts@ecs-electronics.com / 07440 202 052.

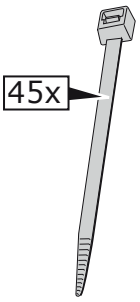


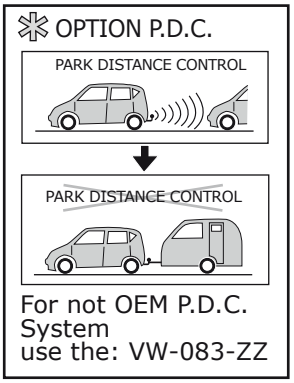
Part list





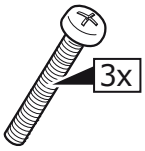




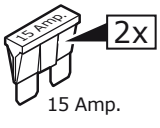


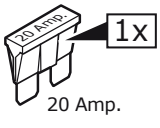


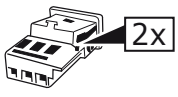


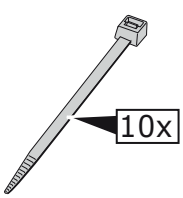








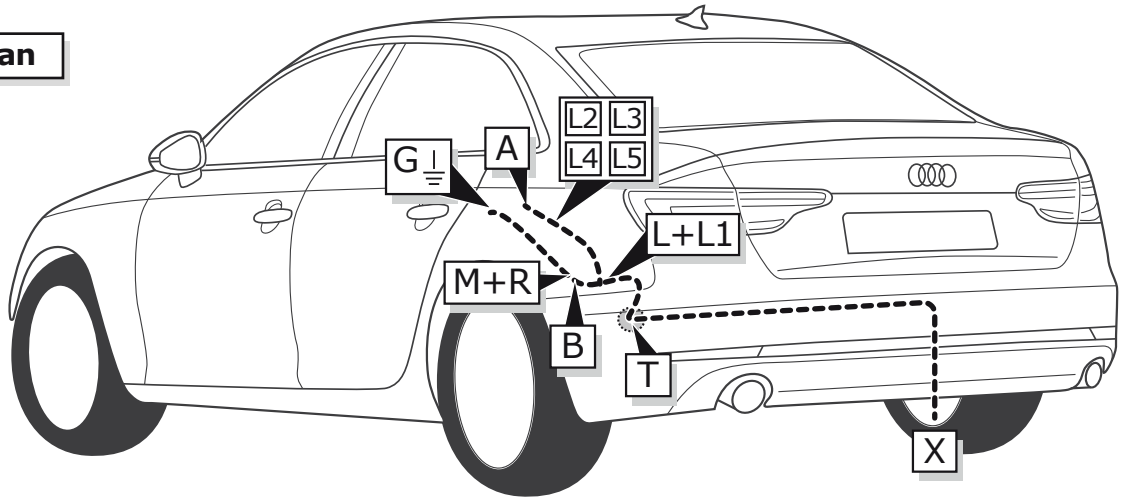




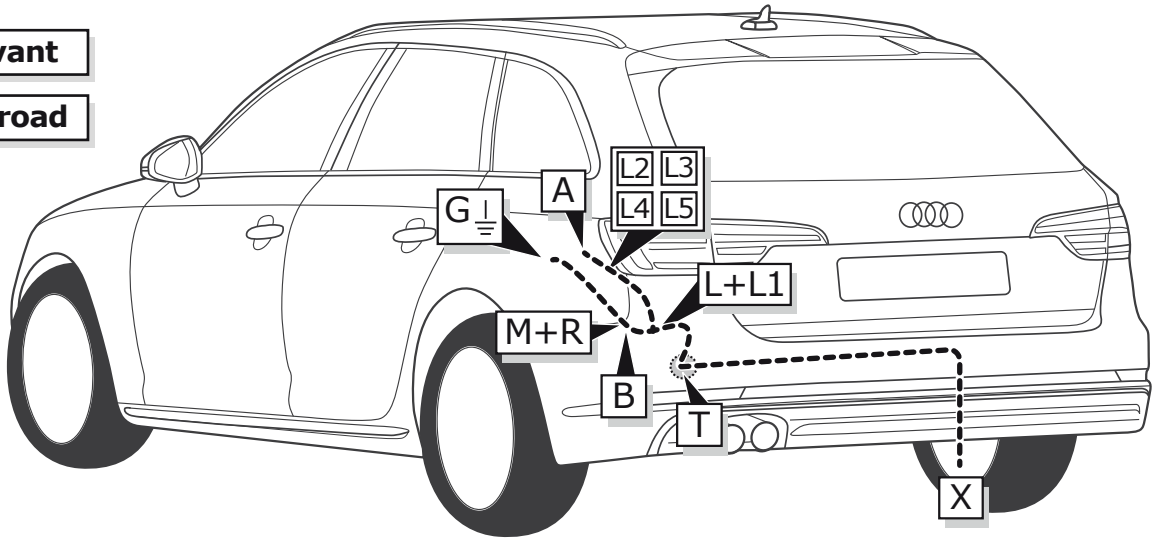
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ROUTING

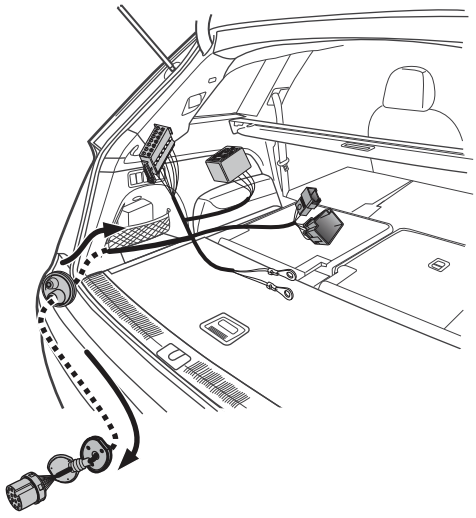
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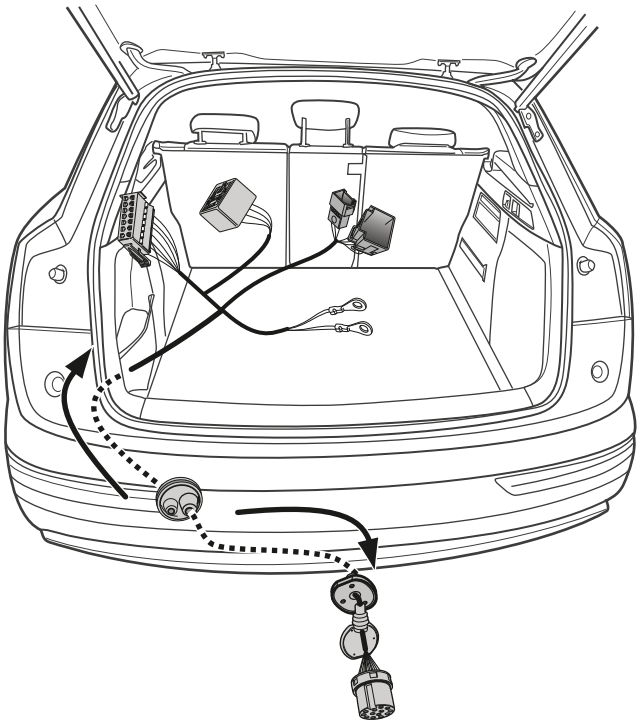
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Allroad



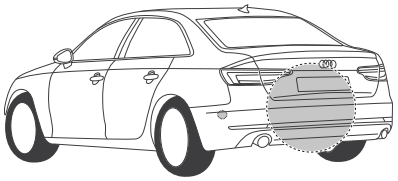
Q7, Q8 & Touareg

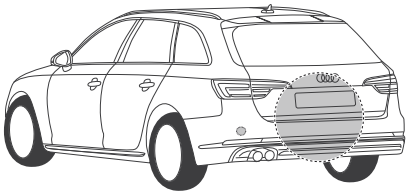


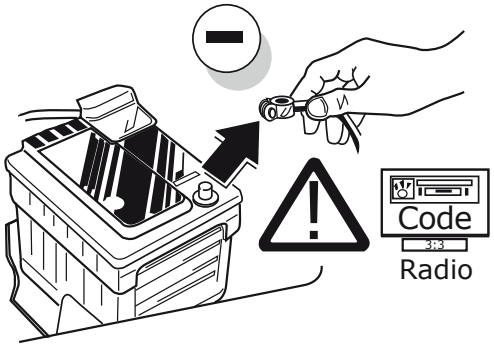
Q5, e-tron & e-tron Sportback



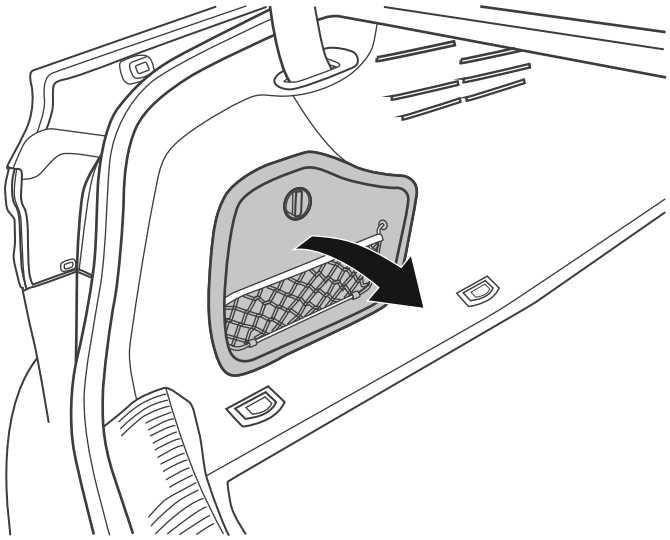
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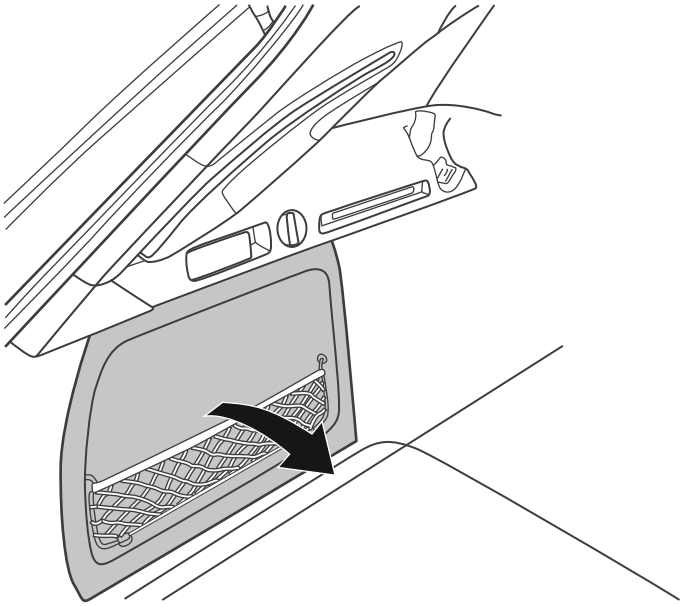




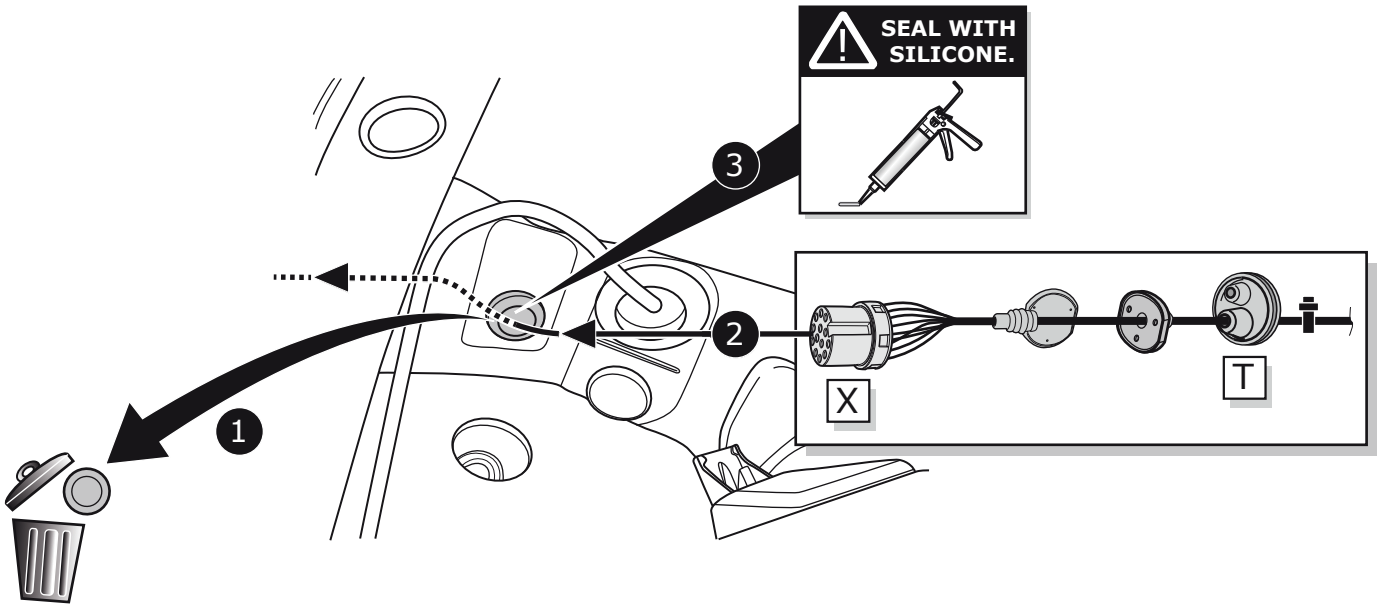


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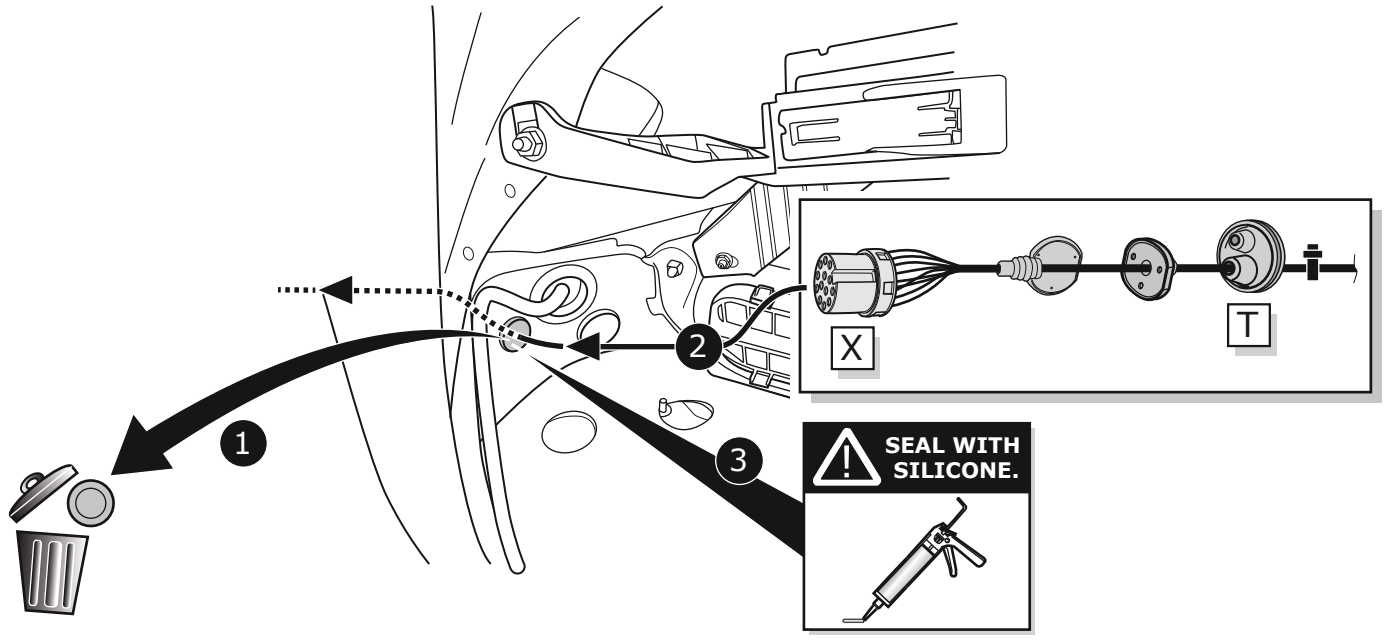




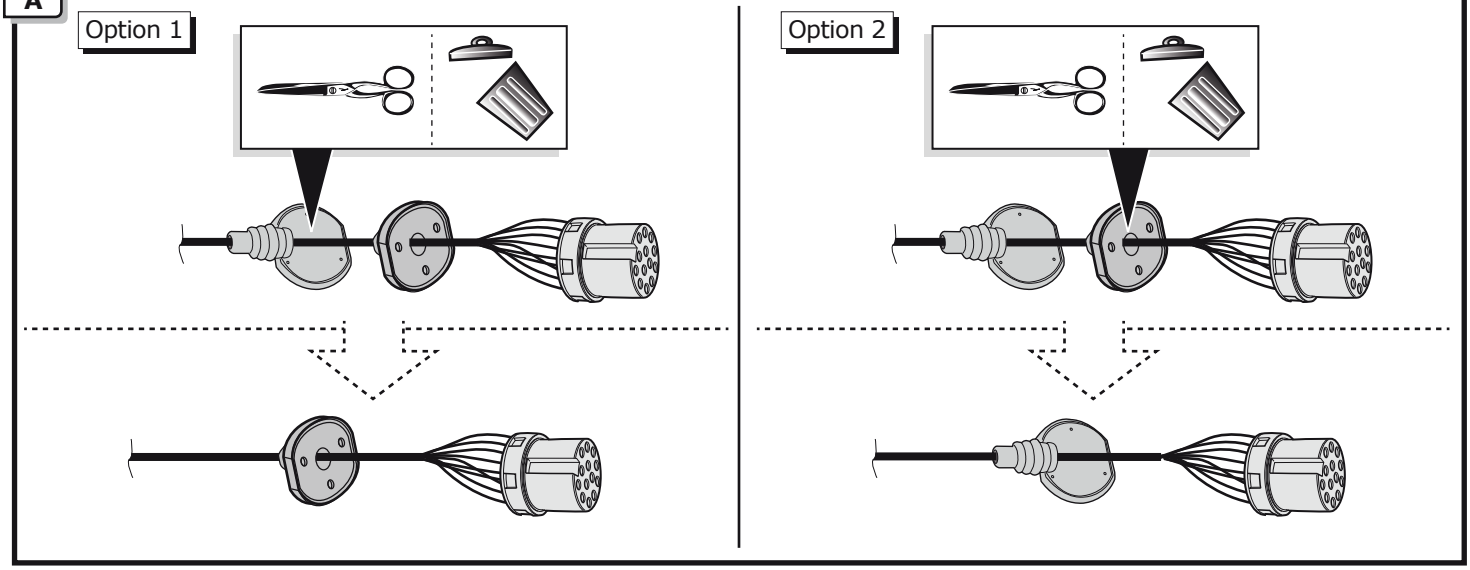
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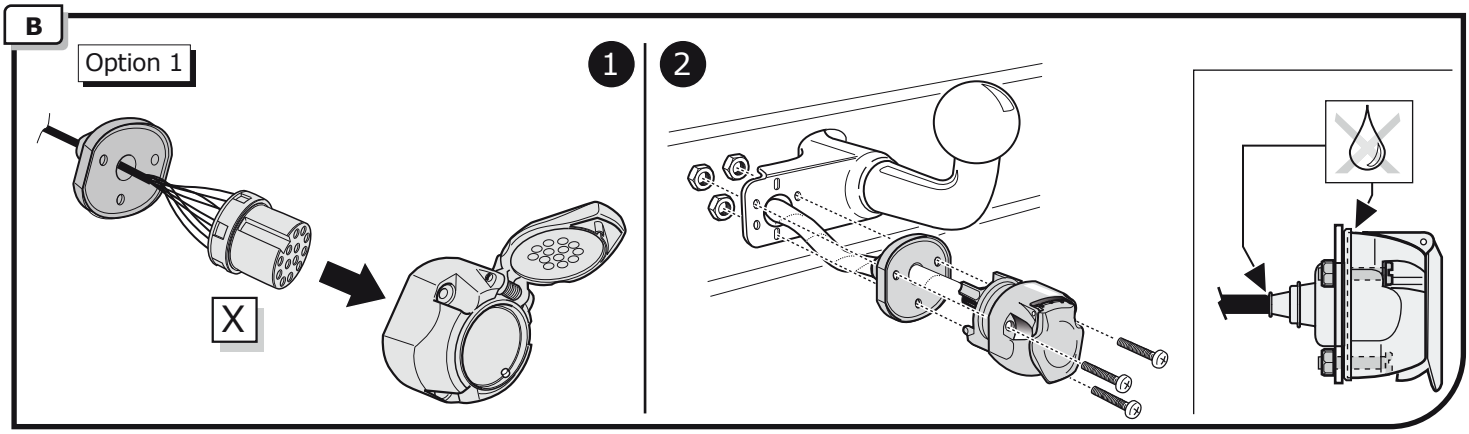
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INFO

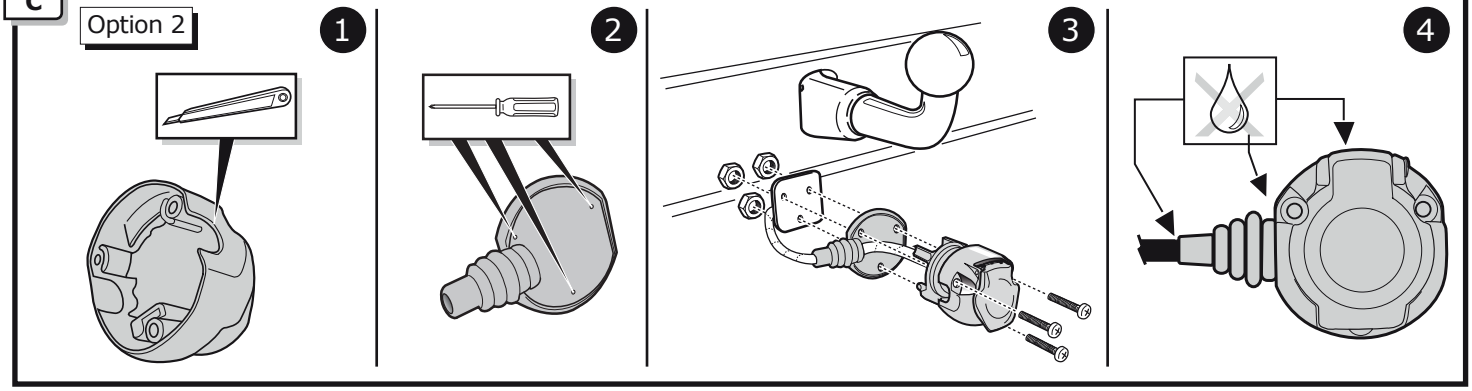
SOCKET CONNECTION Page 20

B



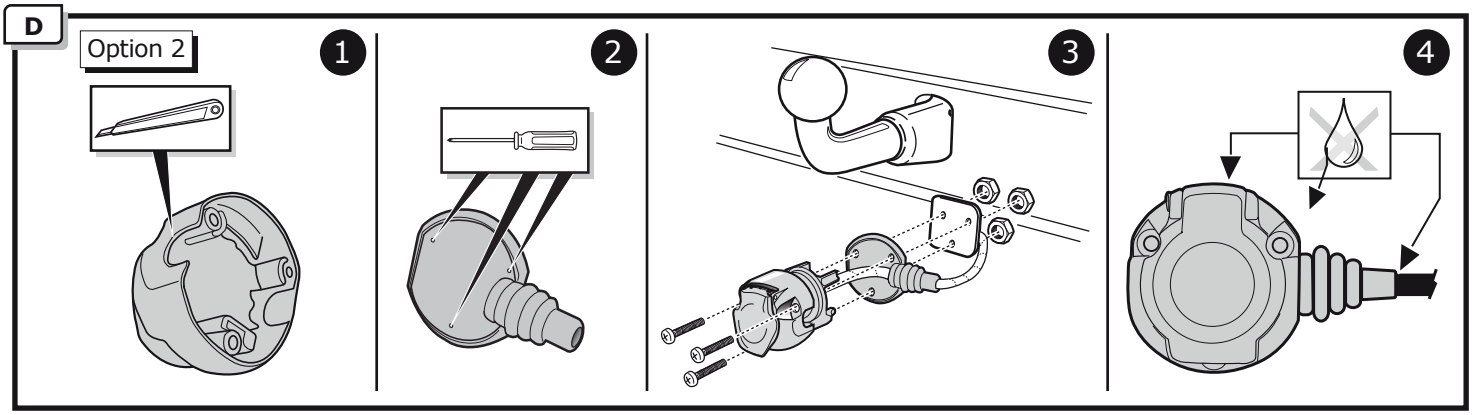
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Option 2

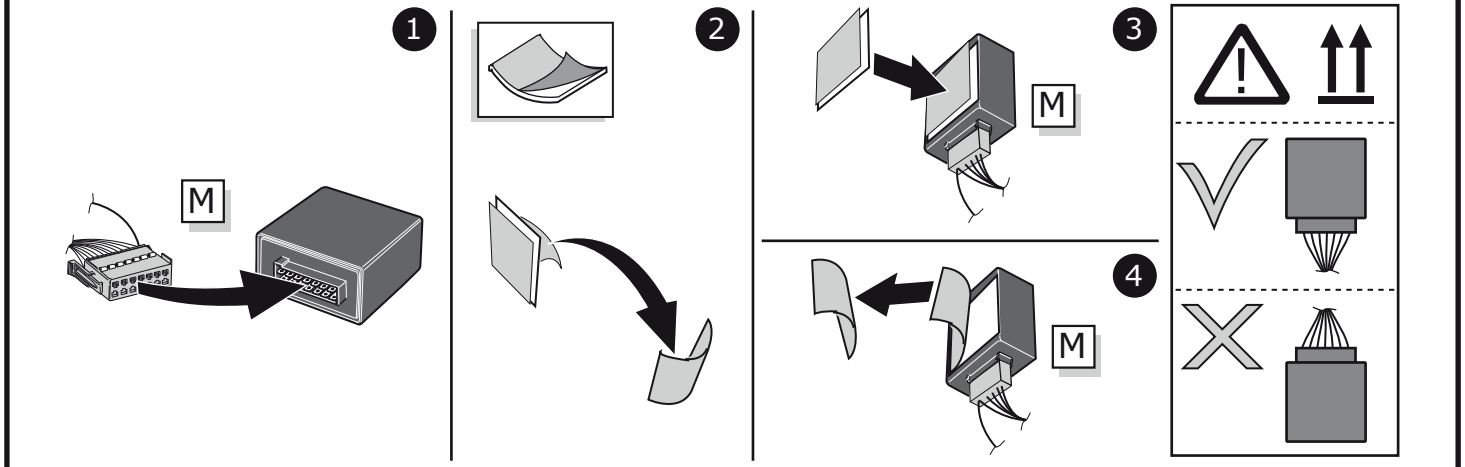


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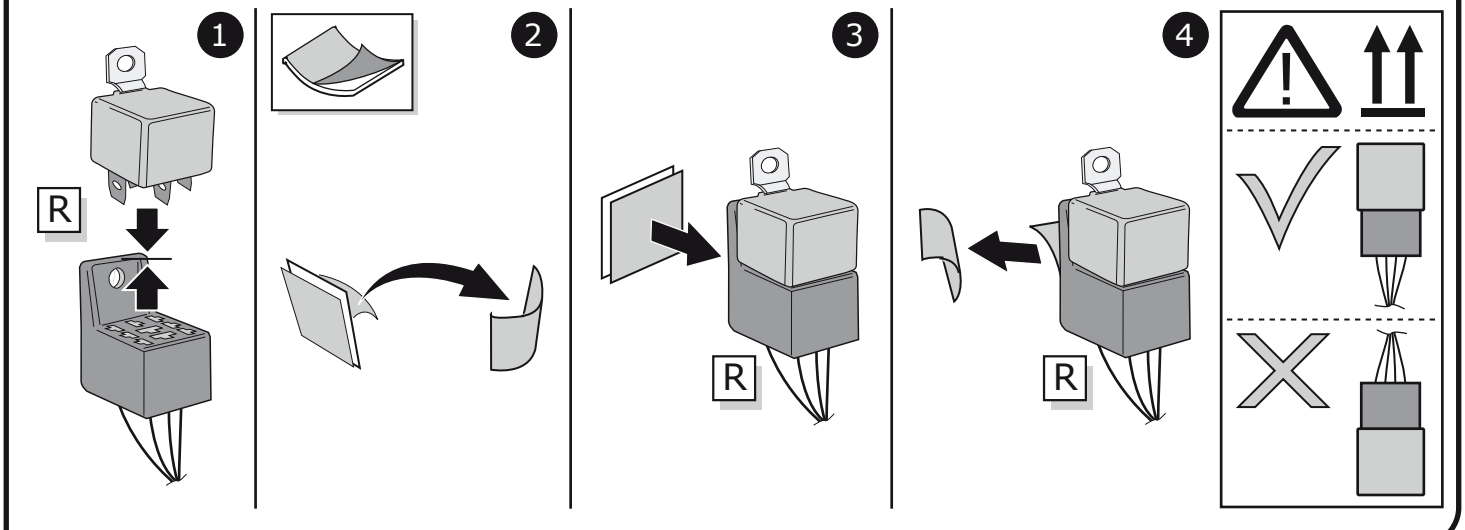
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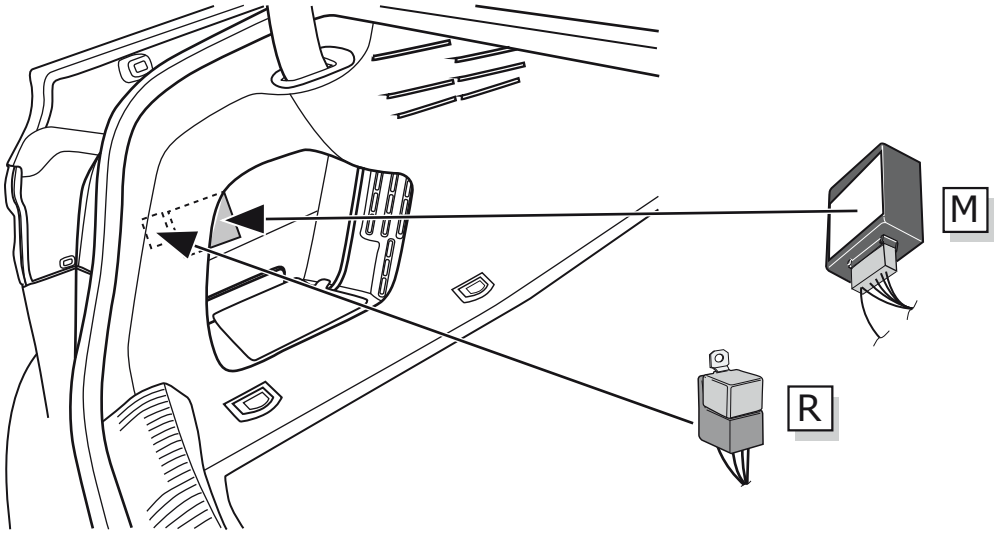


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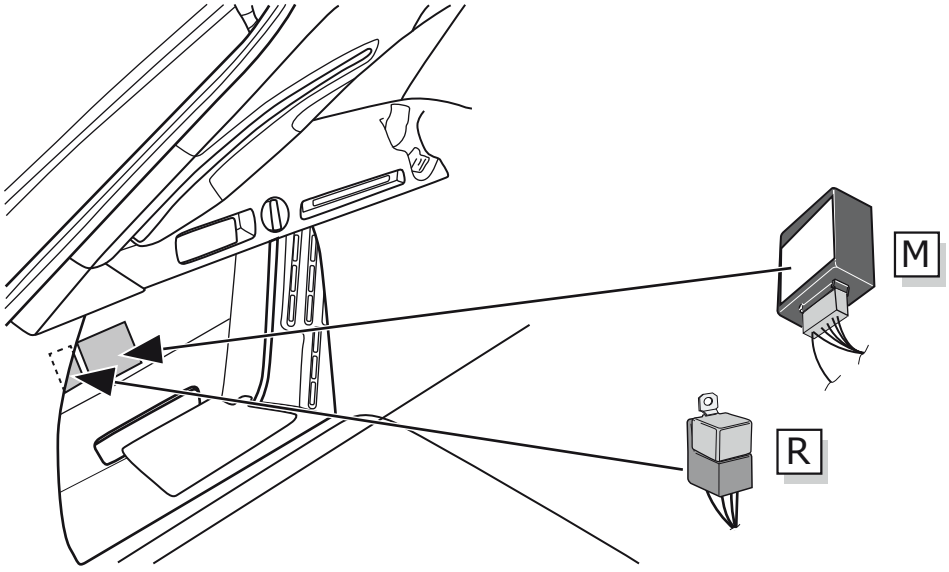


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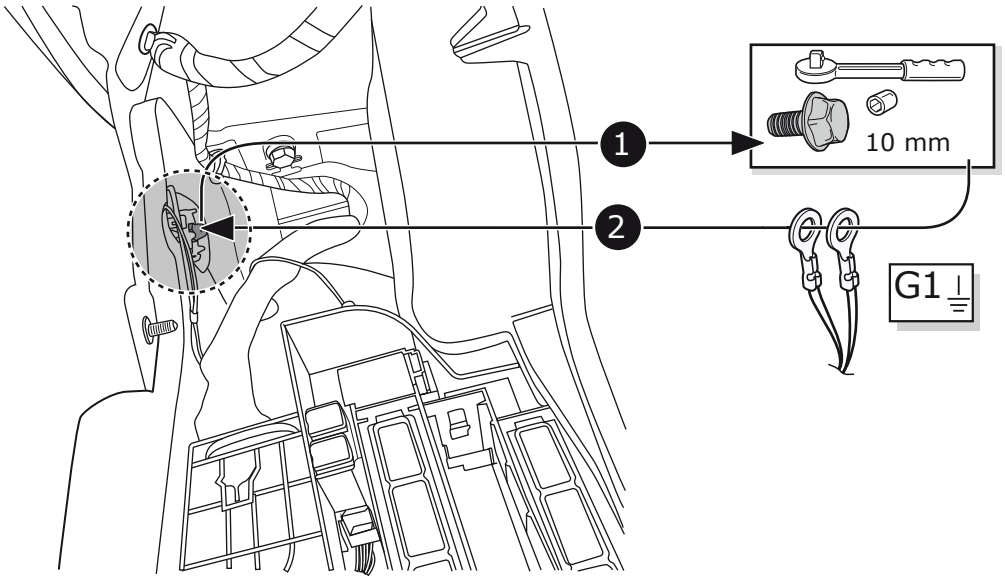
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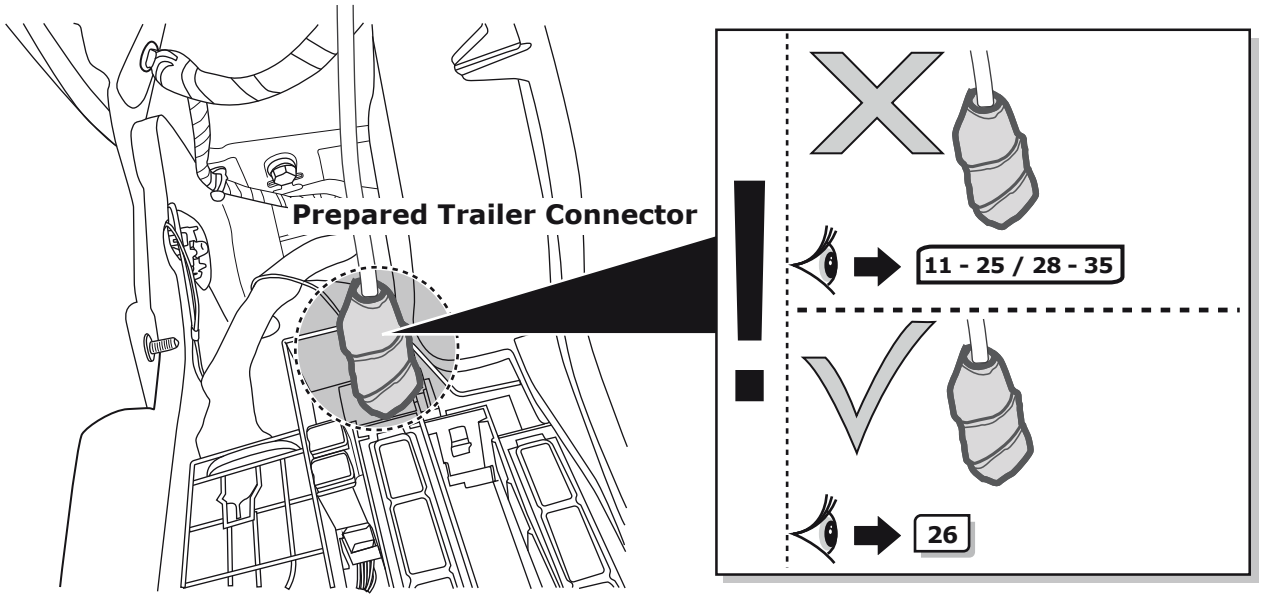
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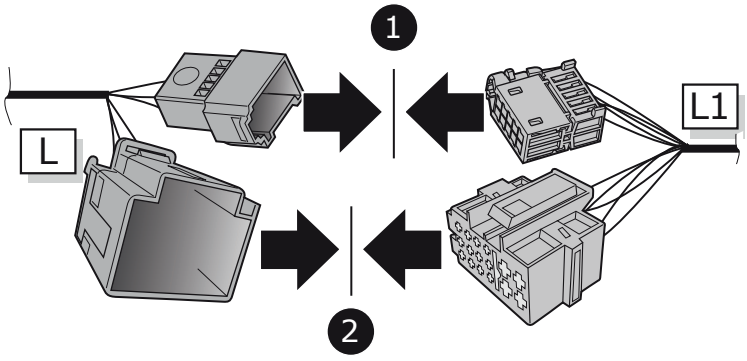
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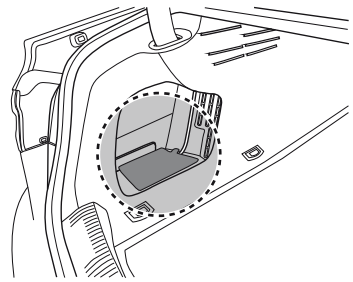
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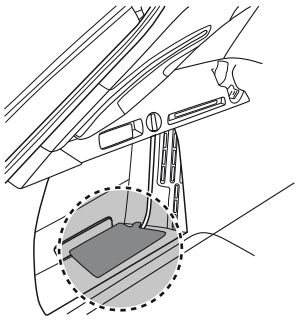


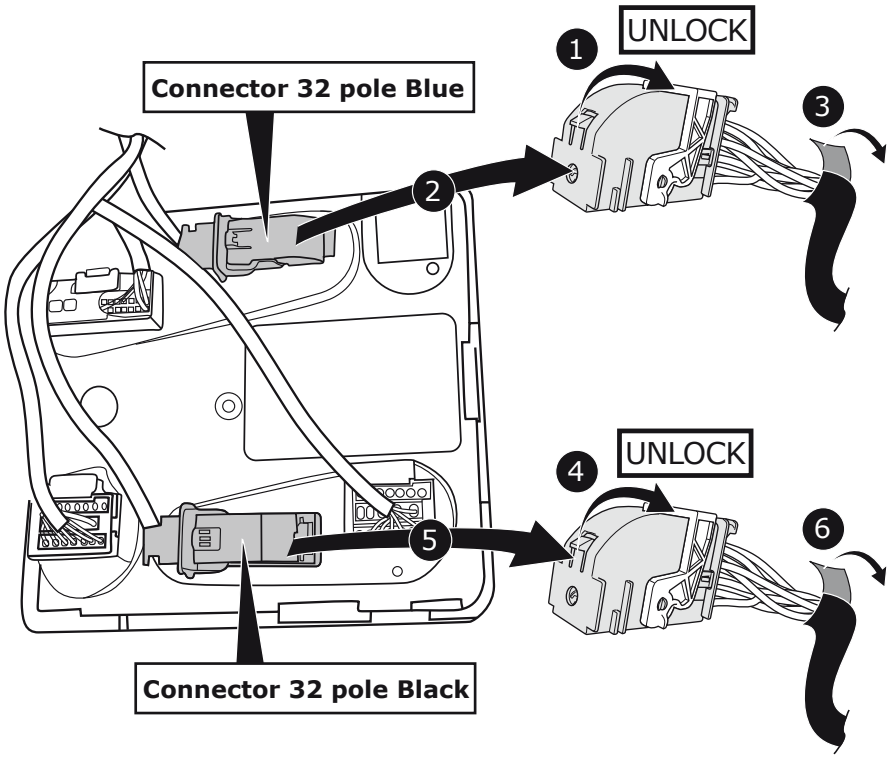
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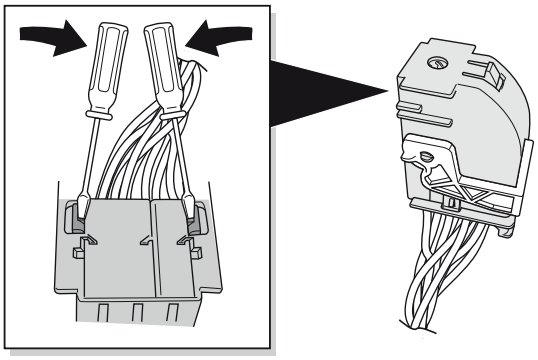






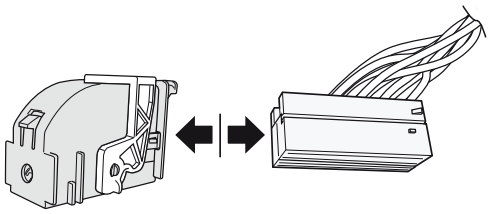
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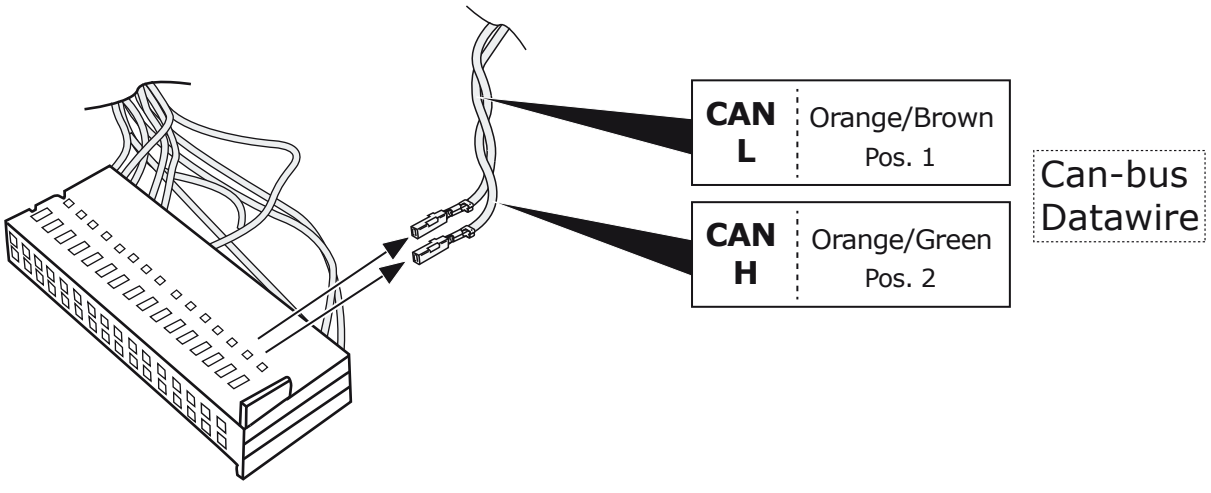
Connector 32 pole Blue

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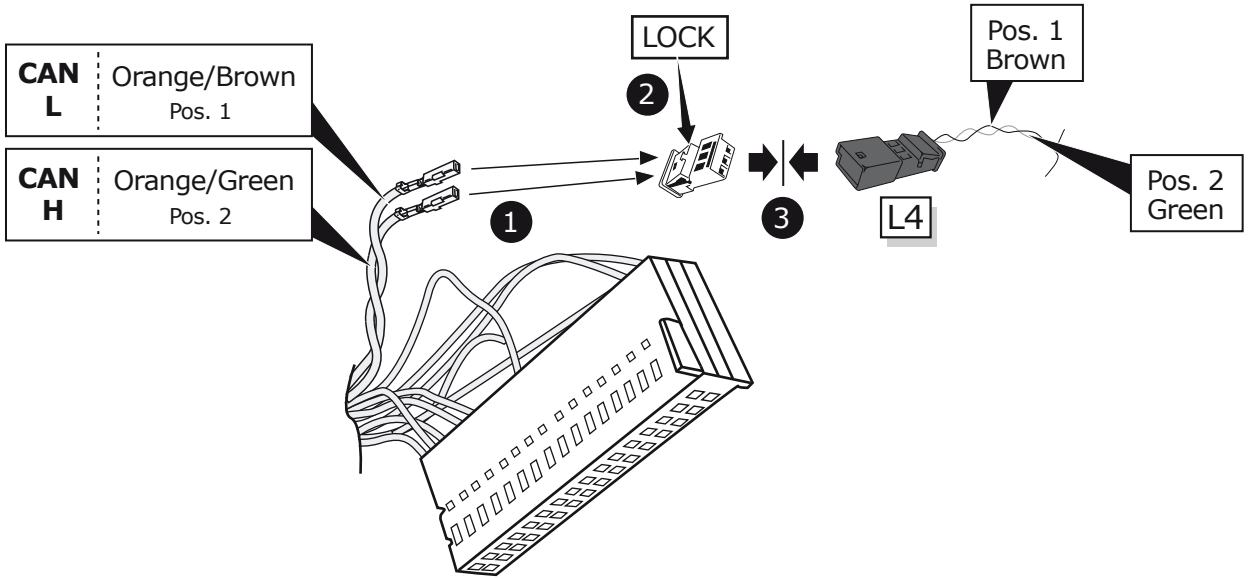


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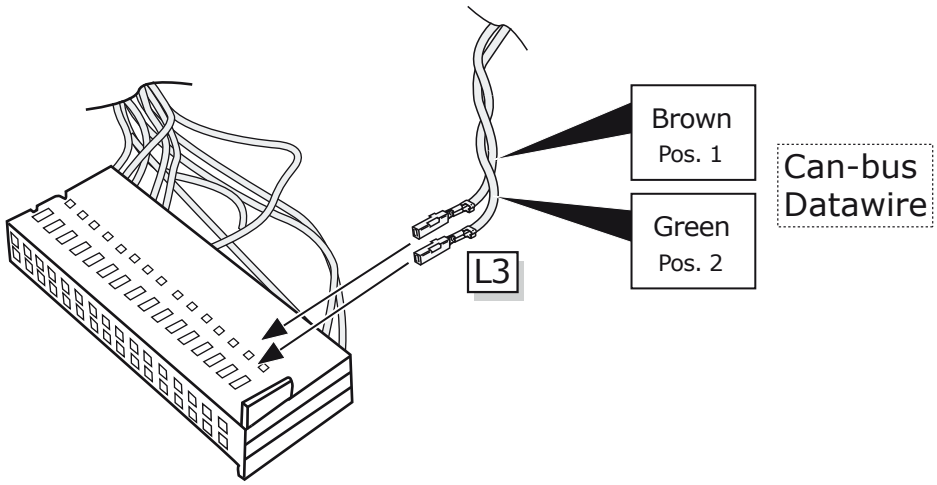
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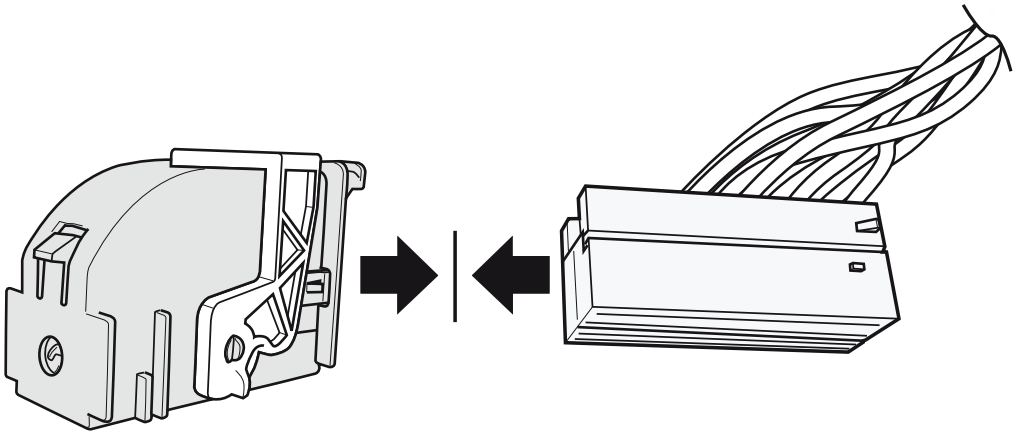


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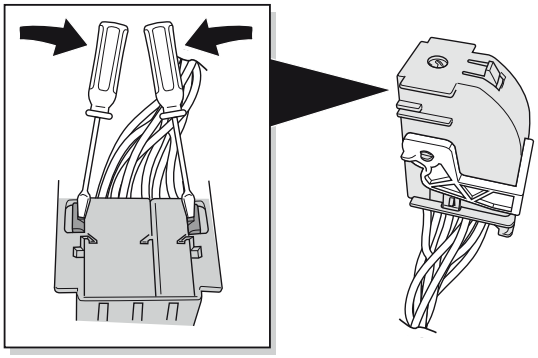
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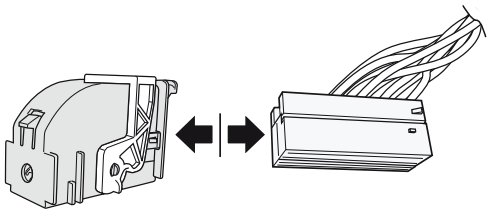
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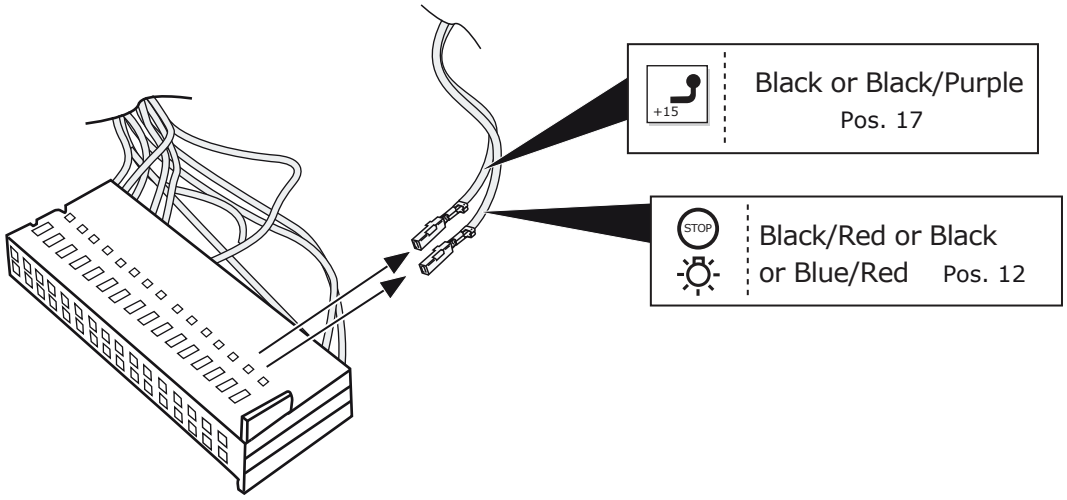


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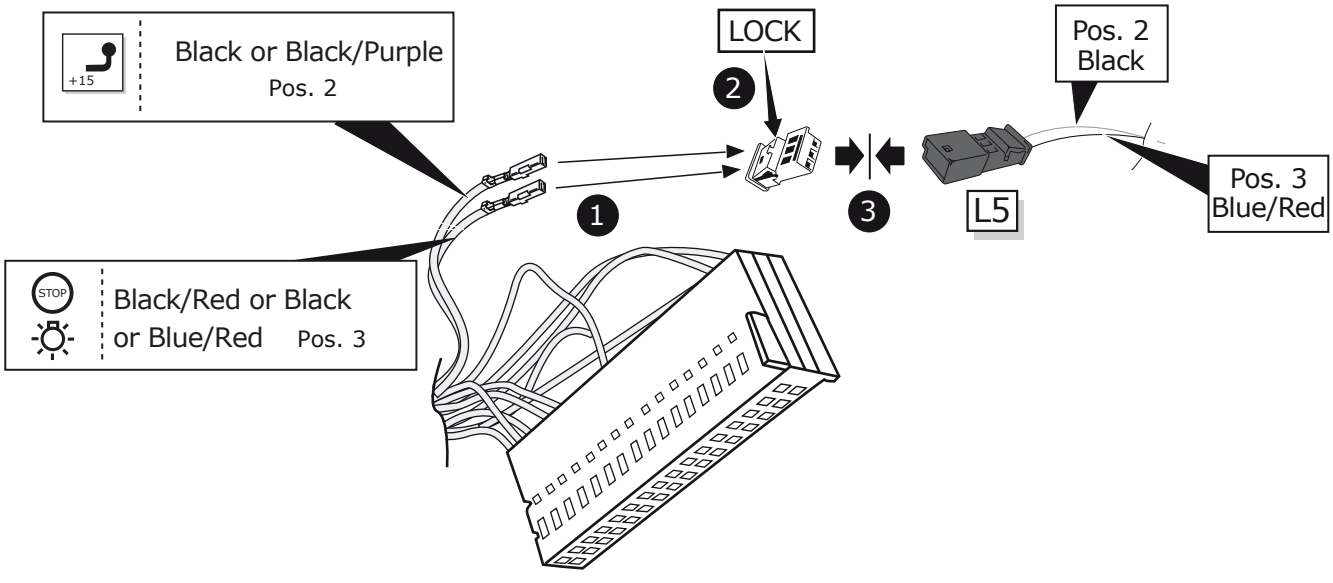
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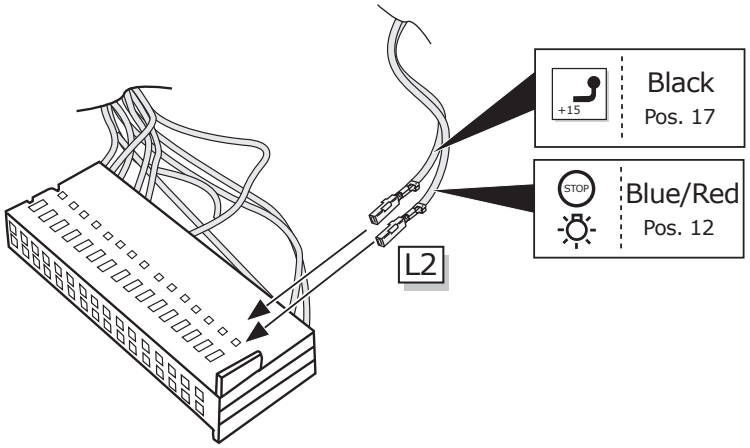
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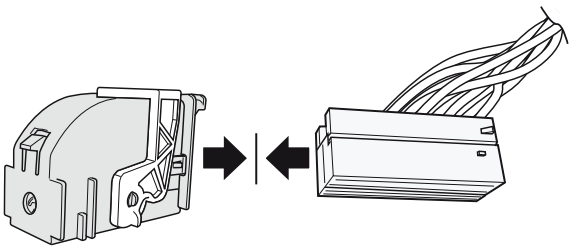


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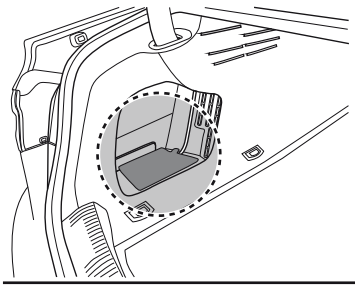


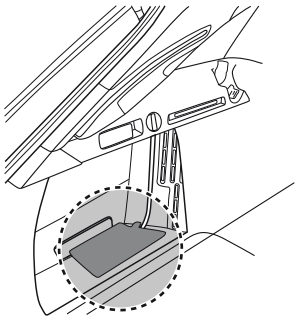
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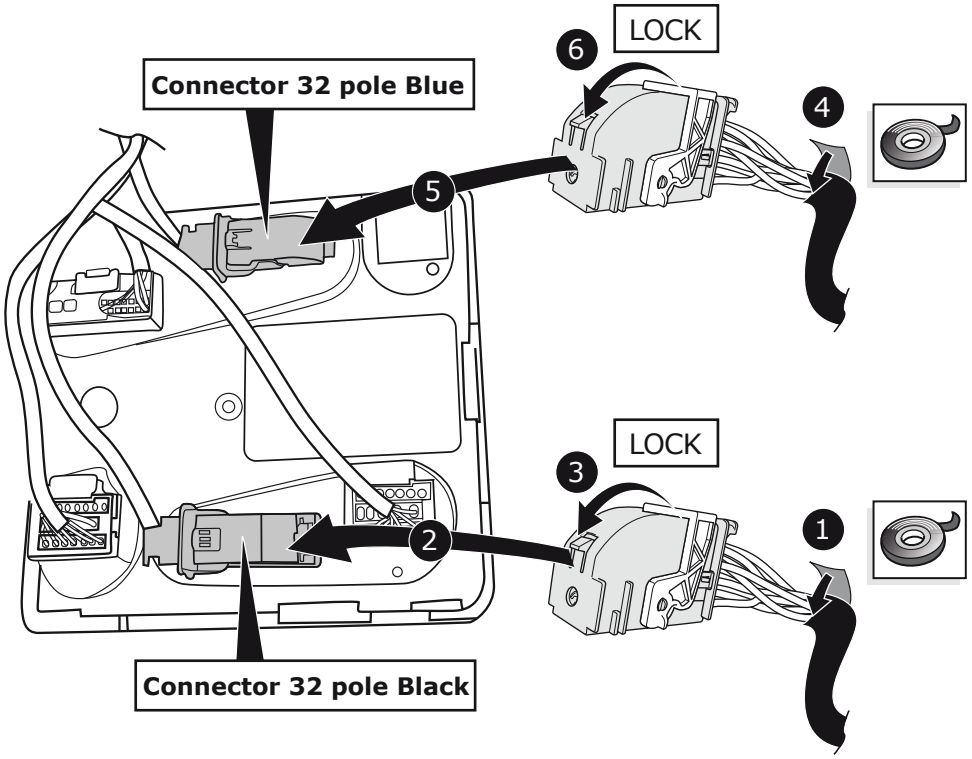
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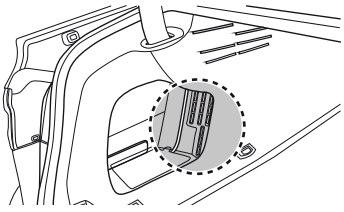




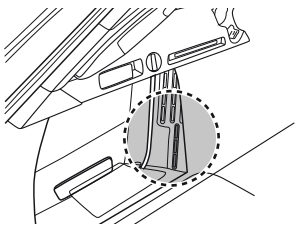


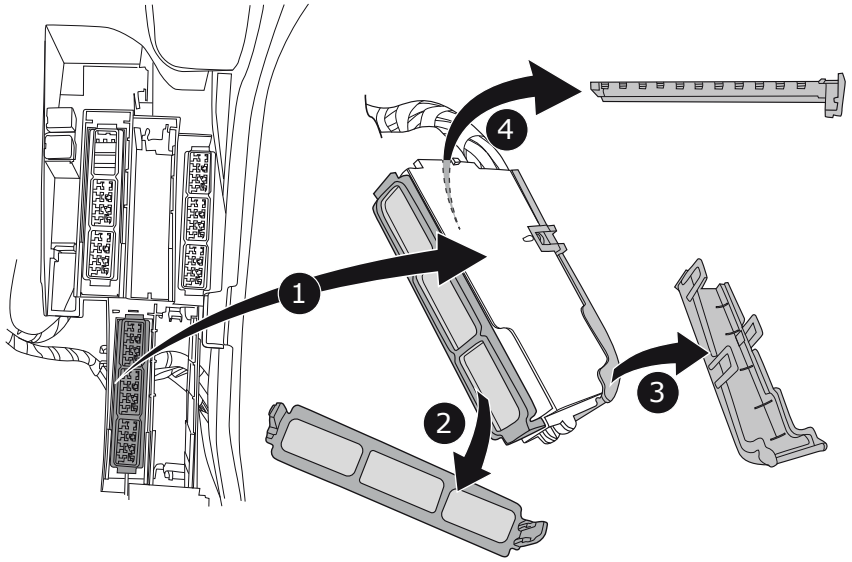
24

Sedan



Avant/Allroad



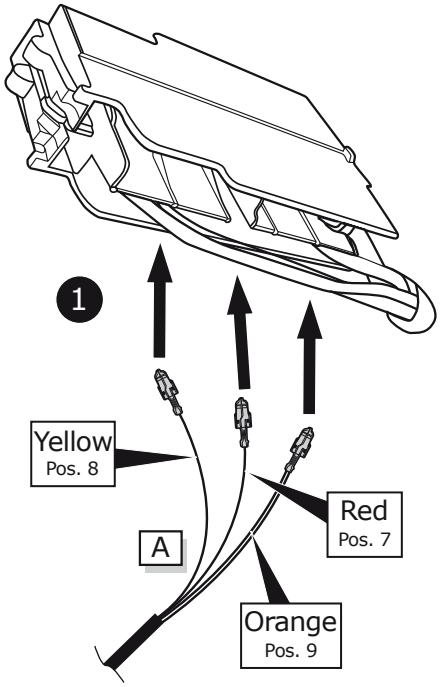


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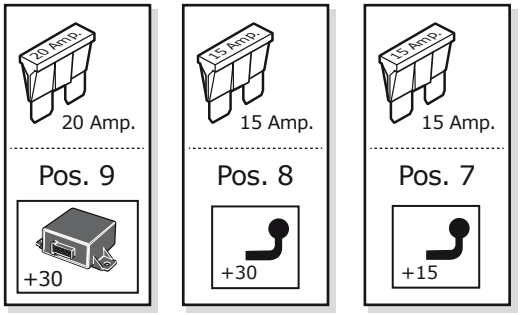
Sedan

Avant

Allroad

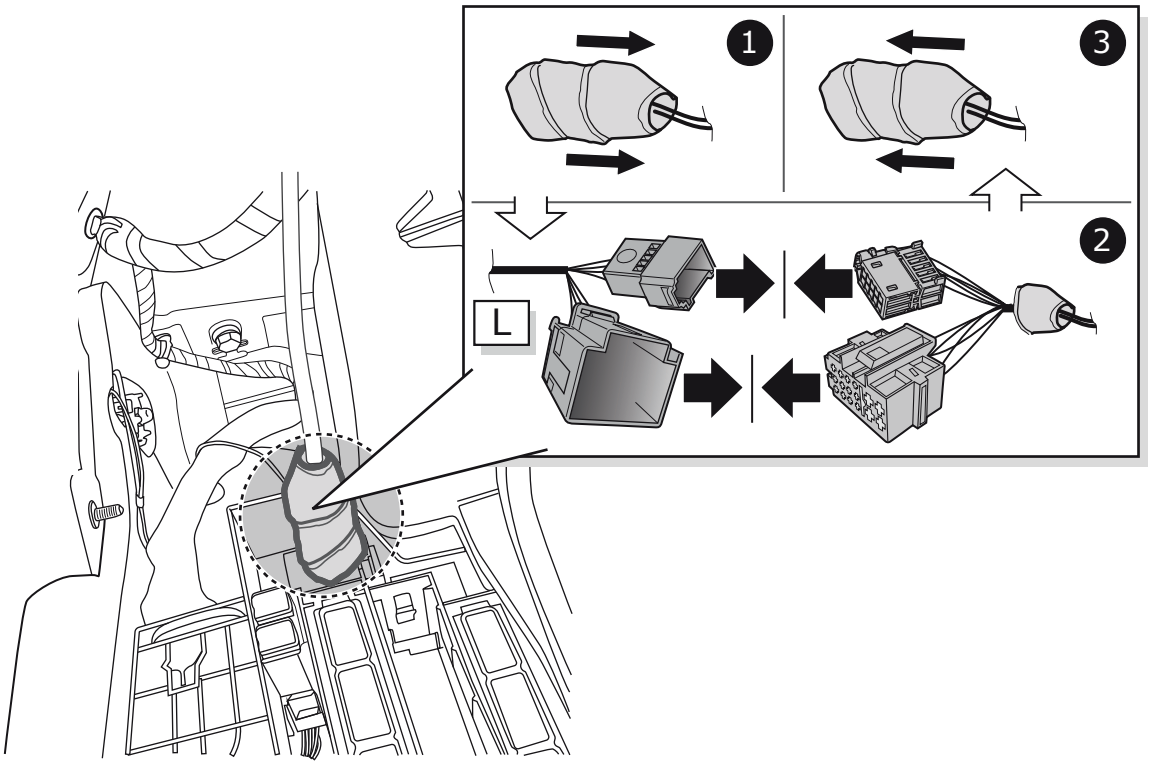


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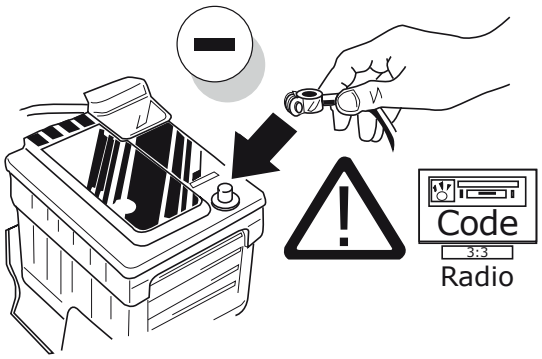


27

Sedan

Avant

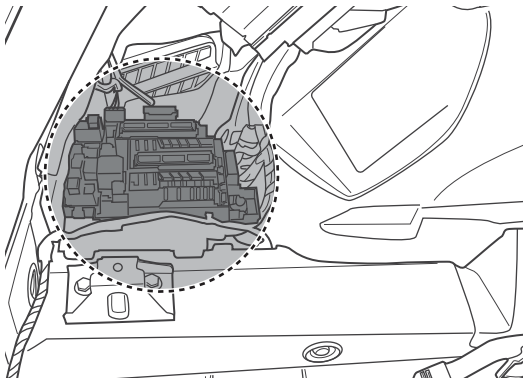
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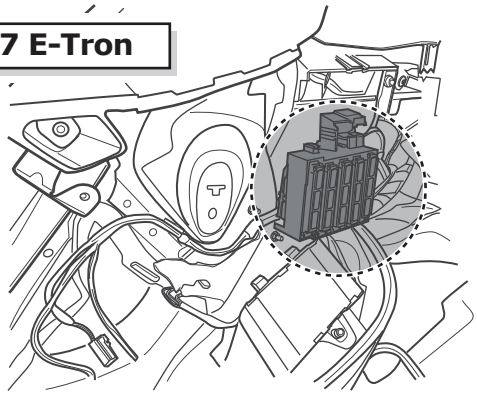
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Q7 & Q8

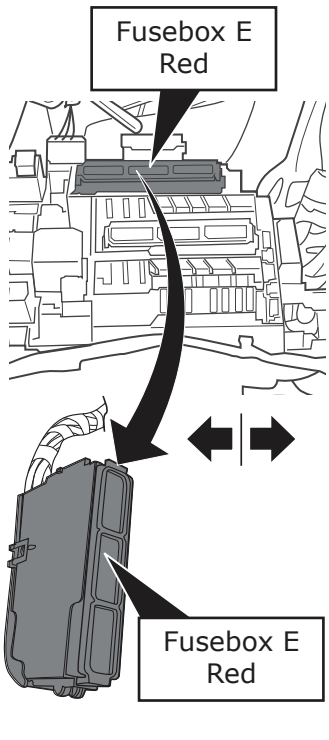
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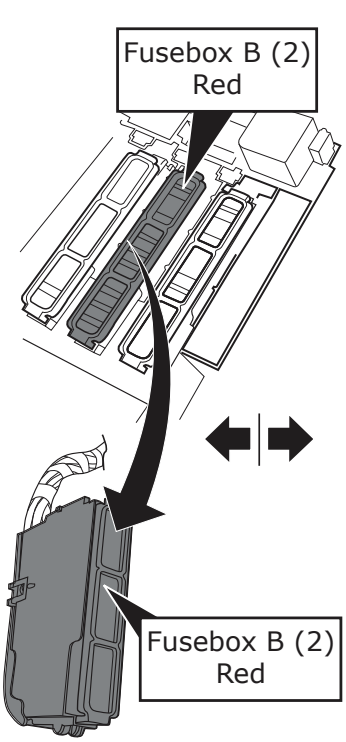
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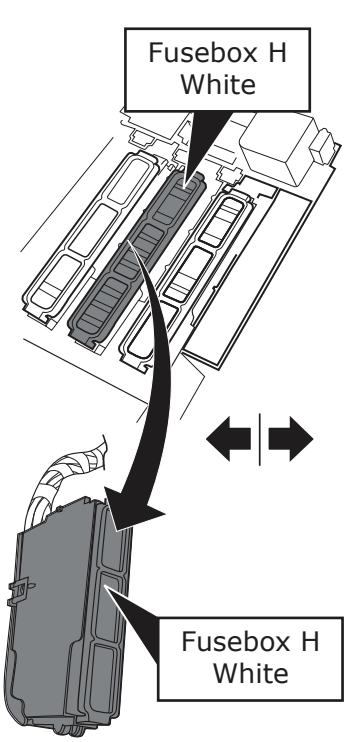
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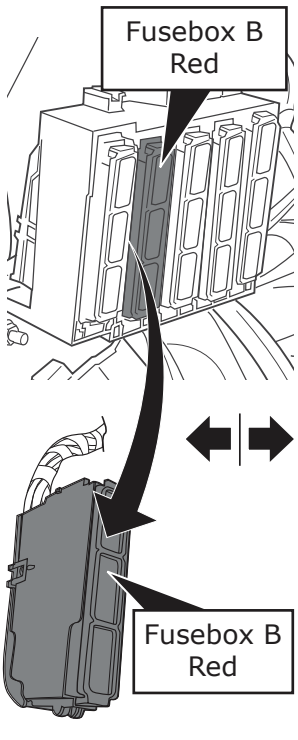
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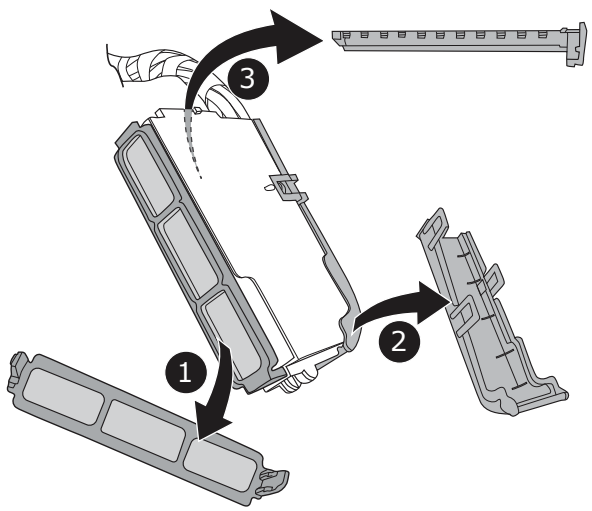


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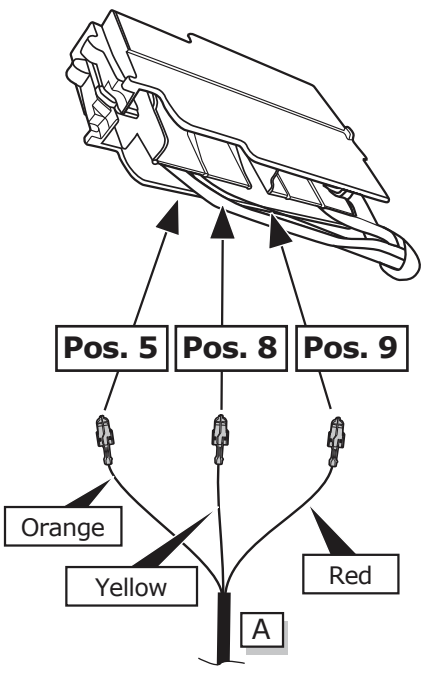


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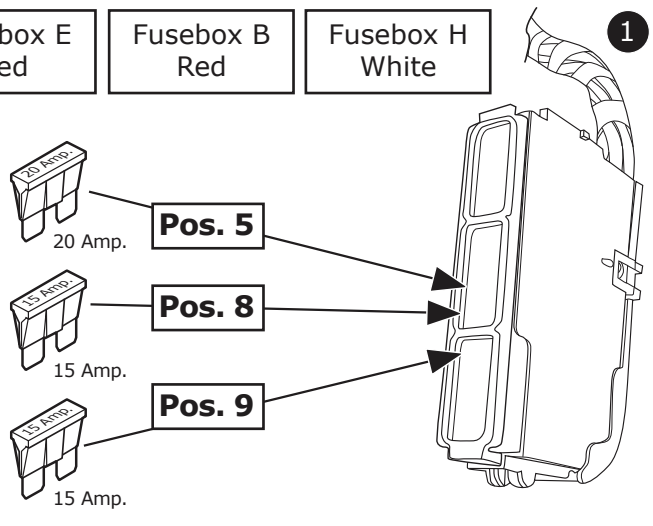
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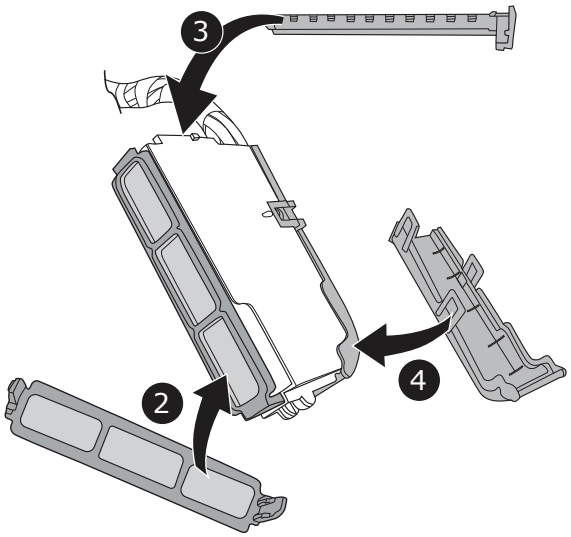


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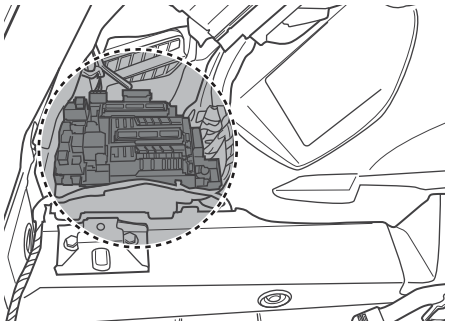
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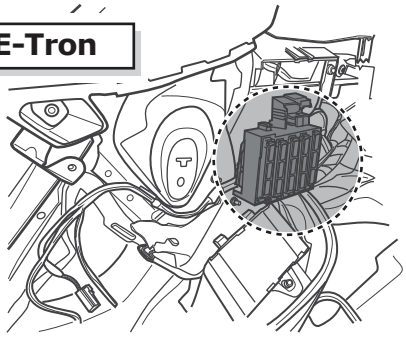


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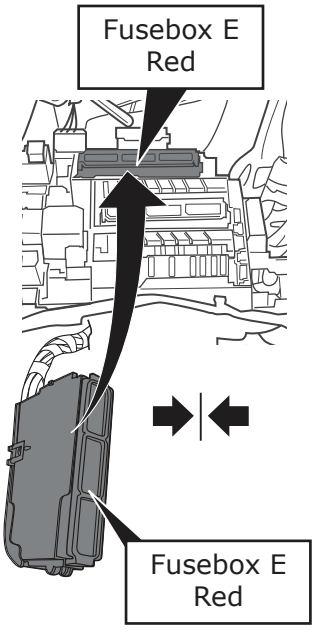
Q5
Q7 & Q8
Touareg



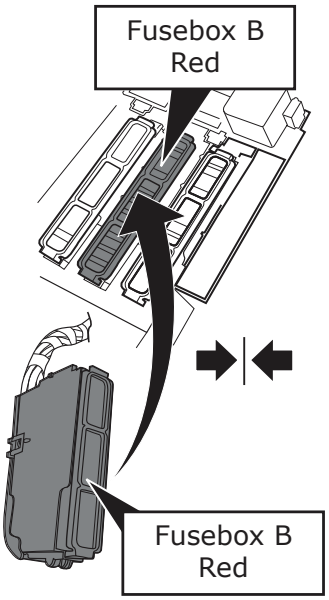
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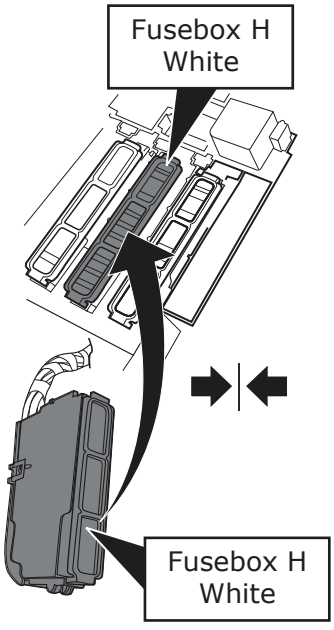
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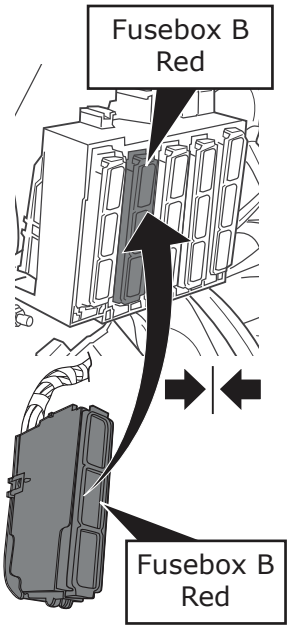
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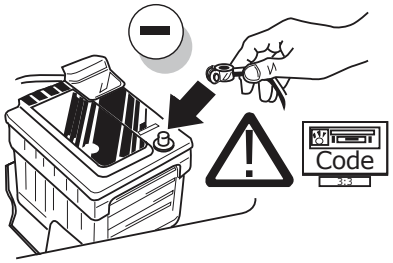


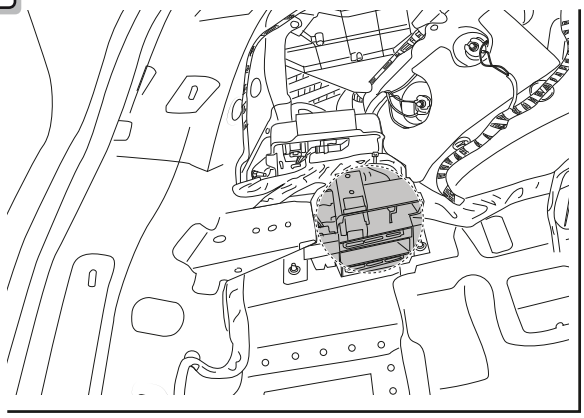
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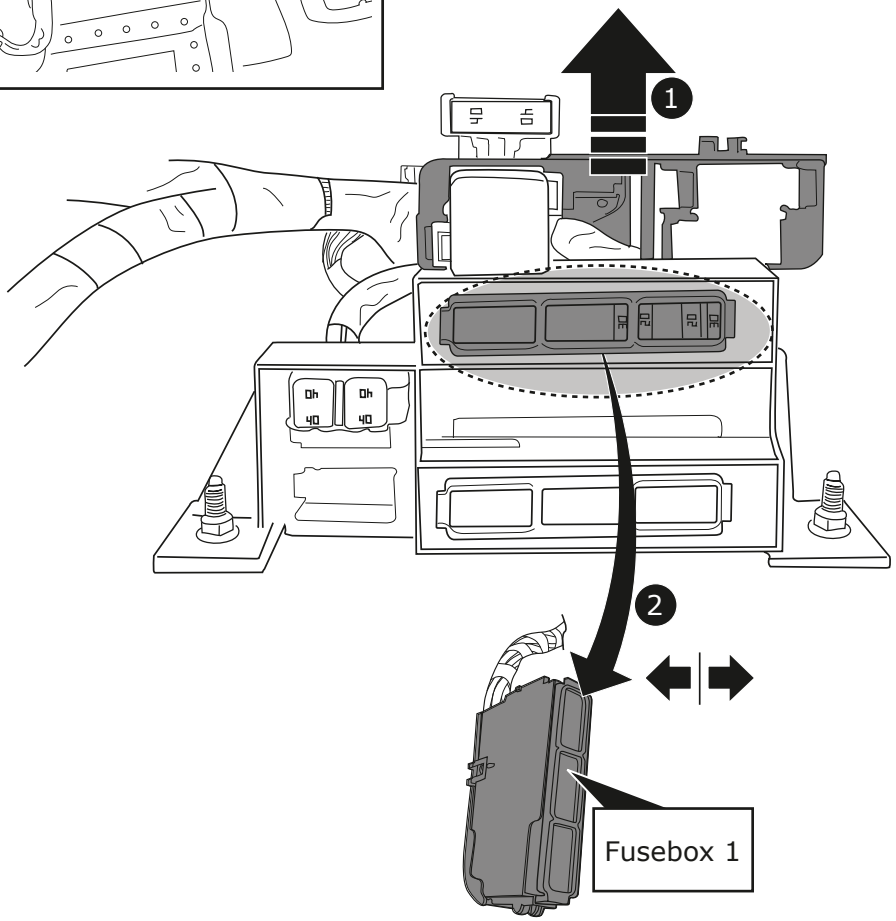
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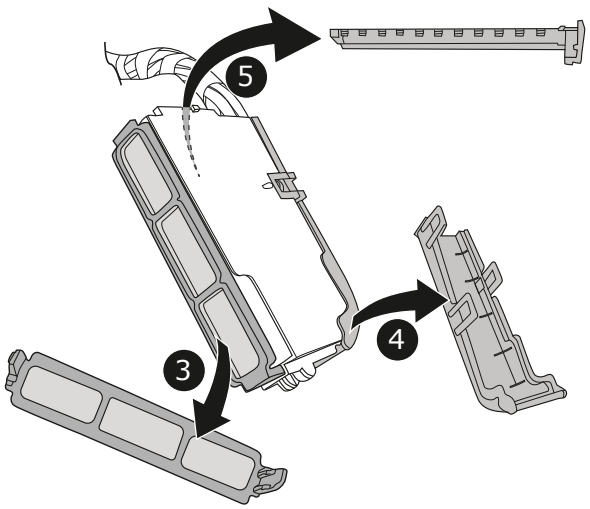
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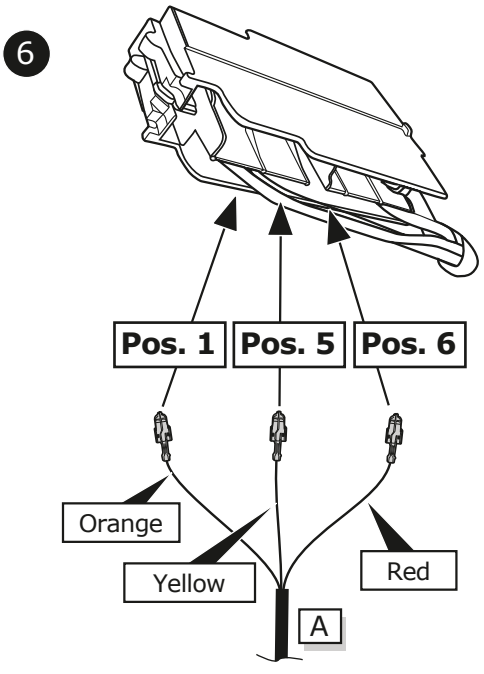




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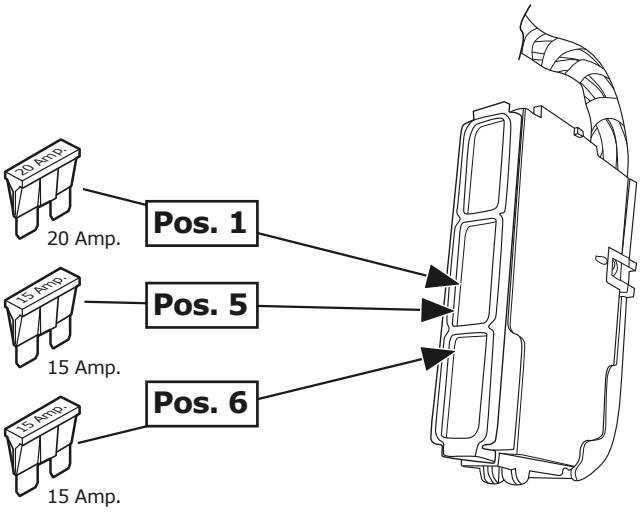


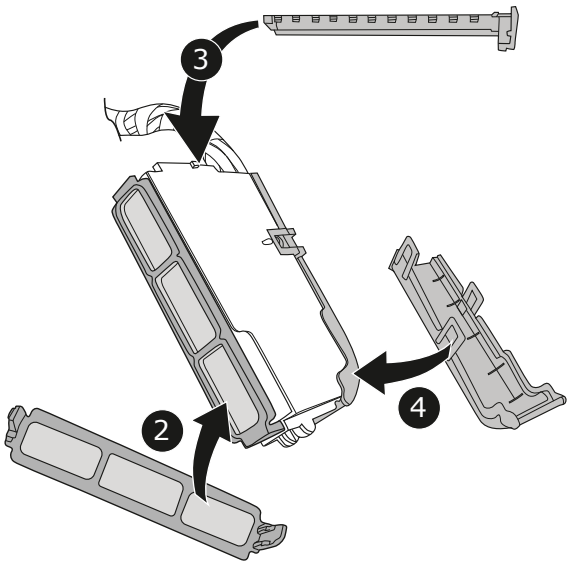


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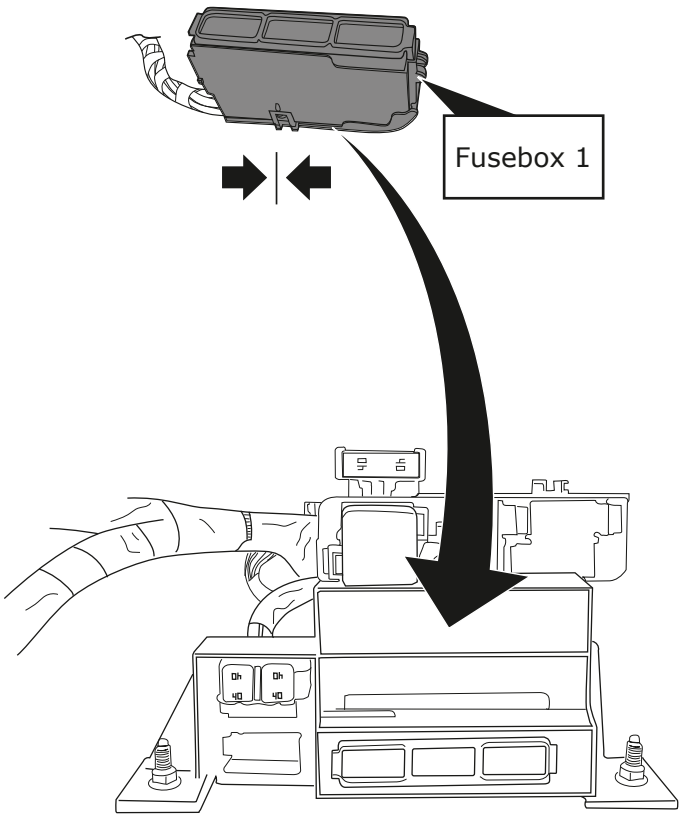
e-tron & e-tron Sportback

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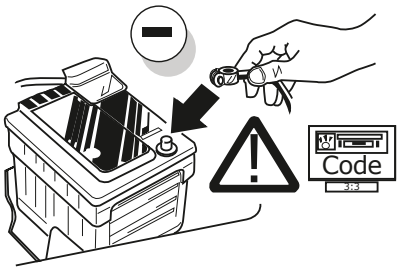




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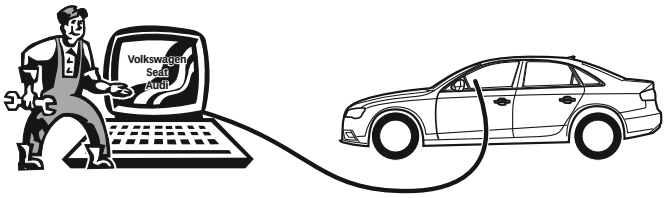


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e-tron & e-tron Sportback

Set up trailer operation



Diagnosis Services or diagnostic methods (local / offline):

Please note:

Always use the latest diagnostic version!
The vehicle to be coded must be supported by the diagnostic service provider and already be implemented in the diagnostics version!
Please contact your diagnostic service provider in case of any question.

- ODIS
- Hella Gutmann
- VCDS
- Autologic
- Bosch / KTS
- SP Diagnostic
- SUN
- Jifeline
- Autocom
- etc. pp.

CODING WITH ODIS

Please note:

The procedure described below for encoding and enabling the trailer mode only serves for a general orientation and can vary greatly depending on the model (motorisation / equipment). If necessary less or further control units will have to be adapted.

After connecting to ODIS, the "69 trailer function" controller has to be set to encoded in the target installation list.

The following may be necessary in the further course of work:

EZE_09 **(electronic central electric controller):**
Diagnosis
(possible login code: 31347)
Networking plan
Controller self-diagnosis
Encode
Trailer connection device ›installed
or: hitch_ecu ›installed

Alternative encoding EZE_09 as follows (MY 2017 >>):
Self diagnose control unit
Access authorization ›31347
Adjustment
Integration
Trailer control unit > installed

ZKS_46 **(Central module convenience system)**
trailer monitoring ›put on active
trailer control unit ›installed

SWA_3C **(Lane Change Assist)**
ECU for draw bar ›with ECU for draw bar

SW2_CF **(Lane Change Assist2)**
ECU for draw bar ›with ECU for draw bar

SCH_17 **(Dash panel insert)**
Trailer ›yes

RFK_6C **(reverse camera system)**
equipment_ahk ›installed

STF_74 **(chassis control system)**
Trailer ›installed

EPH_76 **(PDC controller)**
Trailer ›trailer device can be removed manually

DIS_13 (controller distance control
(possible login code: 20103)
Control module for towing sens ›installed

Alternative encoding DIS_13 **as follows:**
Self diagnose control unit
Access authorization ›20103
Encoding
Binary encoding
Byte 3
Binary ›xxxx**1**xxx
or Hex ›+**8**

FFF_A5 **(front sensor system controller)**
AAG ›coded

HDE_6D **(boot lid electronics controller)**
Trailer ›installed

Important note on encoding and activating in trailer mode
The aforementioned settings are carried out in the vehicle's electrical system and saved locally. During general updates for the vehicle software (for example, within the scope of service or repair work), the settings may be overwritten and deleted under certain circumstances. In this case, the trailer mode activation has to be updated again locally after the update. Diagnostic information relating to the trailer mode that may appear during variance comparisons with the data saved in the manufacturer's works, may form the basis of the local activation.

The following light functions for the trailer are **not supported** by all towing vehicles **with DRL circuit:**

- **Rear lights**
- **Side lights**
- **Numberplate lights**

The **taillights or dimmed headlights must be switched on** to activate this function!

INFO

Warning! It must be ensured that all the requirements of the vehicle manufacturer for changes to and retro-fitting on the vehicle and/or cooling system for the operation with a trailer are carried out. Subject to change.

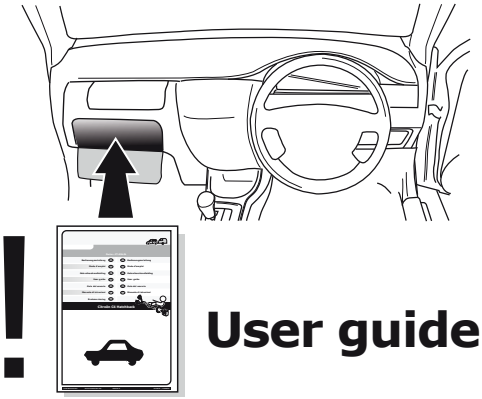
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TEST ALL THE CIRCUITS WITH A TEST DEVICE WITH THE CORRECT POWER LOAD FOR EACH FUNCTION. A TEST DEVICE WITH LED'S CANNOT BE USED FOR THIS PURPOSE.

INFO

REINSTALL TRIM.

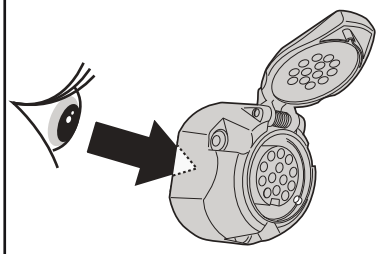
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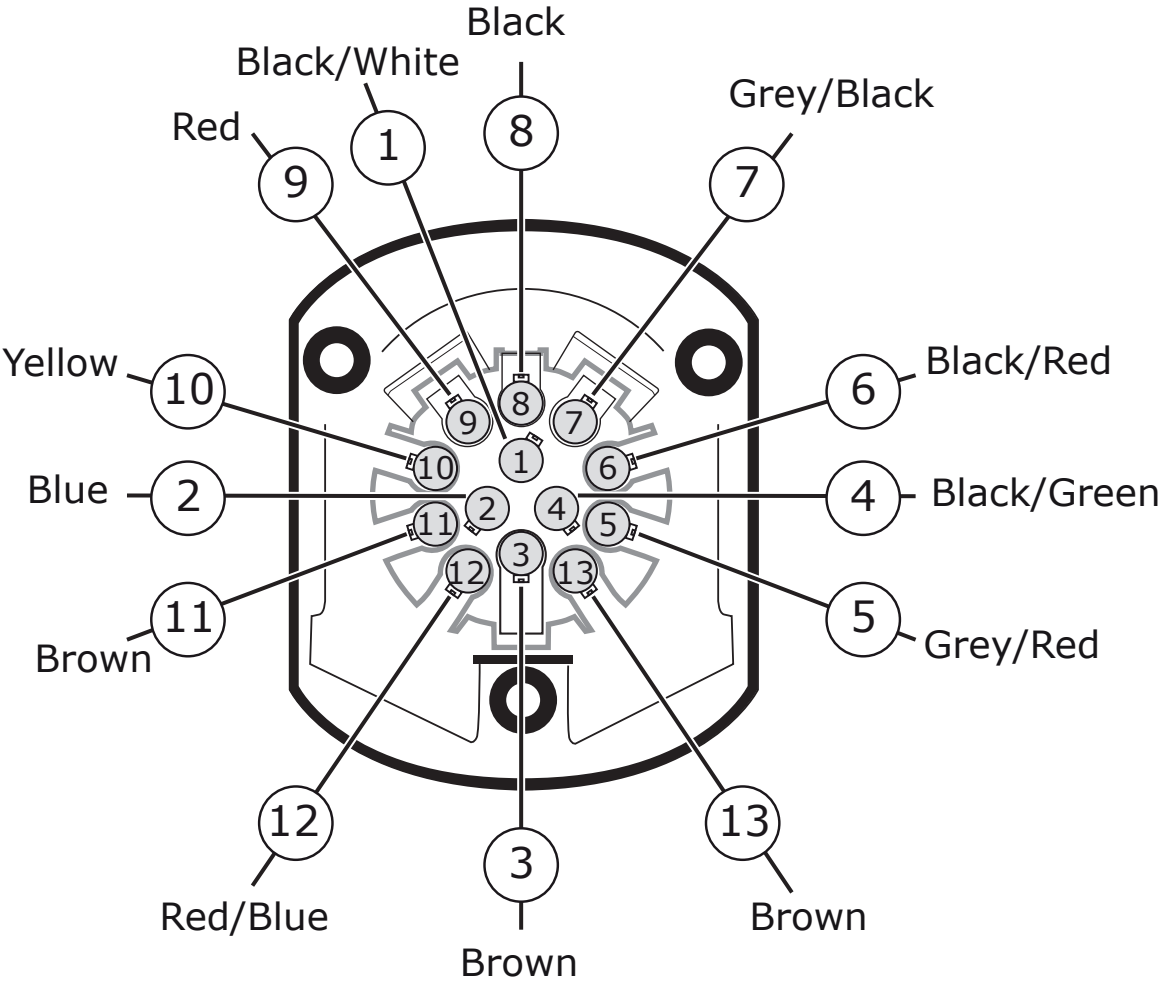


User guide



SOCKET CONNECTION





SOCKET CONNECTION

DIN/ISO 11446	⇦	🚗	⏚1-8	⇨	-☼-	STOP	-☼-	Reverse	30+	15+	⏚10	—	⏚ 9
	1/L	2	3/31	4/R	5/58-R	6/54	7/58-L	8	9	10	11	12	13
Pmax	21W	21W		21W	42W	3x21W	42W	21W	180W/15Amp	180W/15Amp			
Colour	Black/ White	Blue	Brown	Black/ Green	Grey/ Red	Black/ Red	Grey/ Black	Black	Red	Yellow	Brown	Red/ Blue	Brown