

# Wiringkit

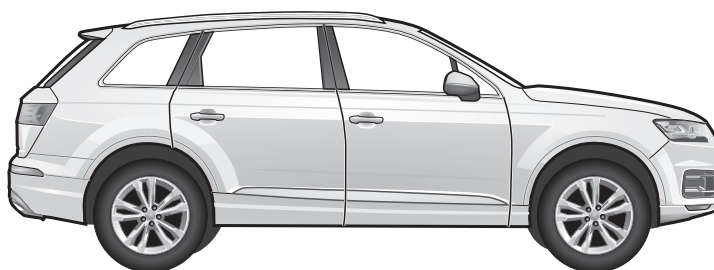


- D Einbauanleitung
- GB Installation instructions
- F Consignes de montage
- NL Montagehandleiding
- DK Montagevejledning
- N Monteringsinstruksjon
- S Installationsanvisning
- FIN Asennusohje
- I Istruzioni per il montaggio
- E Instrucciones de montaje
- P Instruções de montagem
- GR Οδηγίες εγκατάστασης
- CZ Návod k montáži
- SLO Navodilo za vgradnjo
- SK Montážny návod
- PL Instrukcja montażu
- TR Montaj talimatı
- H Beépítési útmutató
- HR Upute o ugradnji
- BUL инструкции за монтаж
- RO Instrucțiuni de montaj
- RU Инструкция по монтажу и установке
- LT Montavimo informacija
- LV Iemontēšanas pamacība
- EST Paigaldusjuhend

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# IMPORTANT!



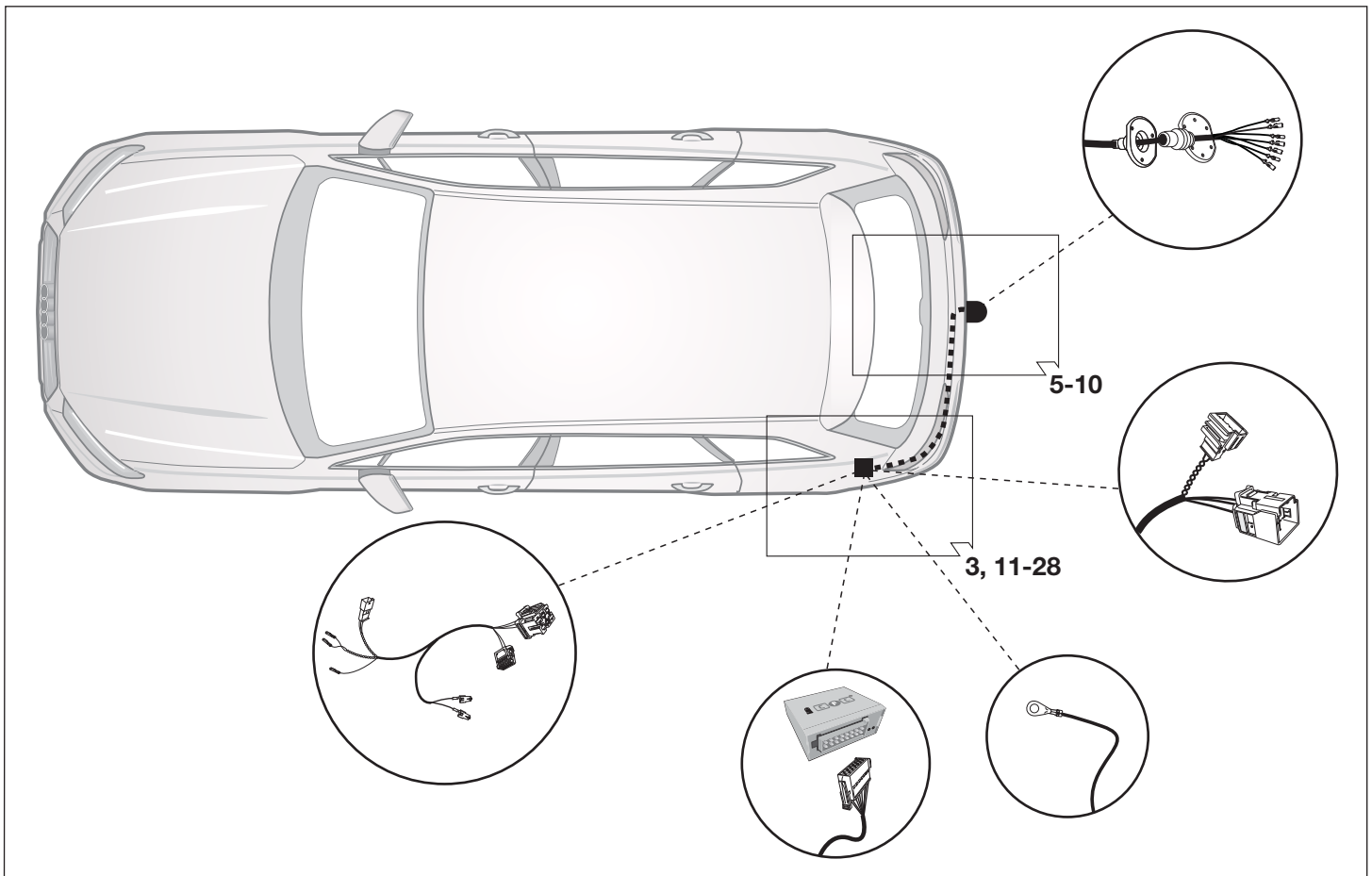
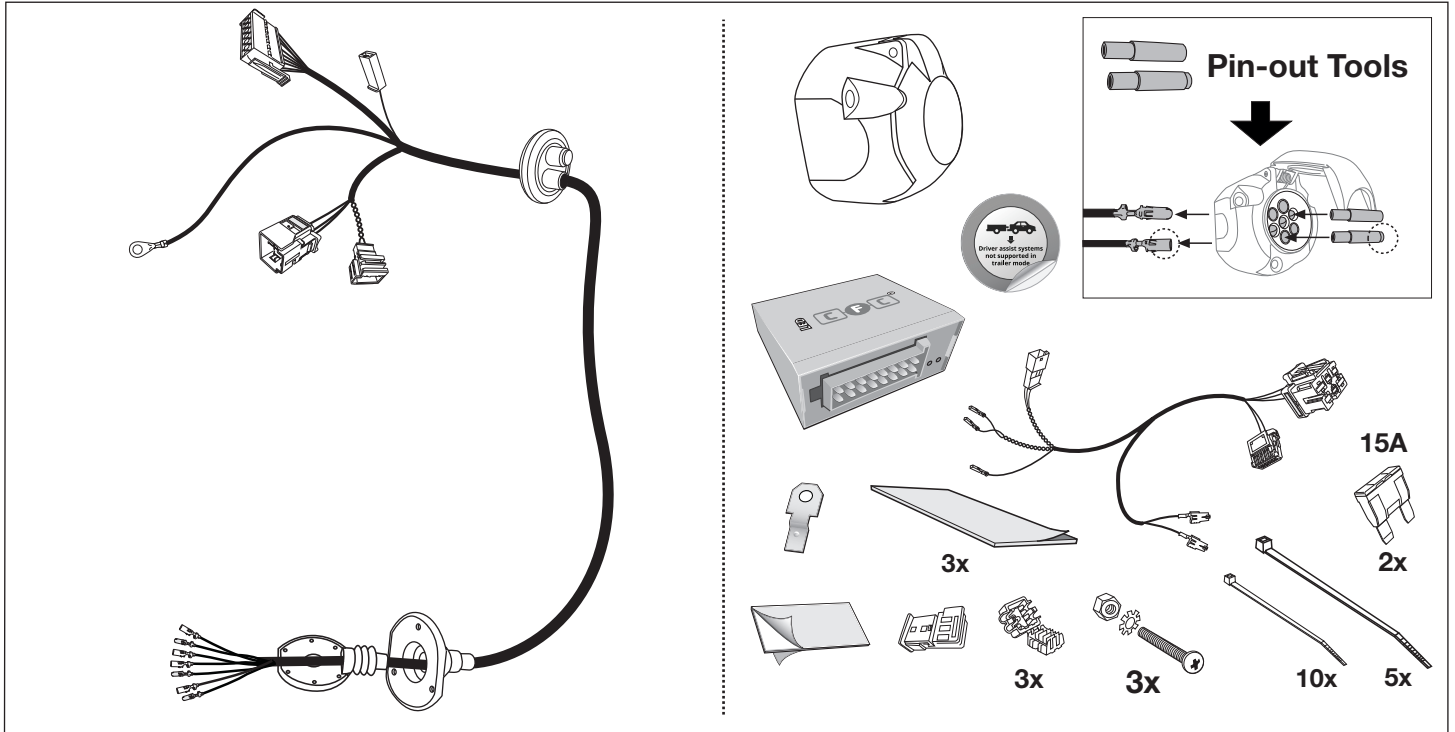
Installation of the towing electrics kit must be undertaken by a specialist workshop or an appropriately qualified person. Before starting work, you must read the installation instructions through completely. After installing the towing electrics kit, the installation instructions should be kept with the vehicle service documentation.

All claims under the guarantee will lapse in case of improper use or modification of the towing electrics kit or any of its component parts. When driving without a trailer or load carrier, any adapter installed must be removed from the electrical socket. We reserve the right to alter the design, content or colour. We accept no liability for any errors in these instructions. All details and illustrations are non-binding.

In case of missing a rear fog lamp on the trailer, it should be retrofitted.

We accept no responsibility and give no guarantee for technical and electrical modifications made after the initial operation of the towing electrics kit by the vehicle manufacturer and which may lead, for example to malfunction of the trailer socket or its peripheries.

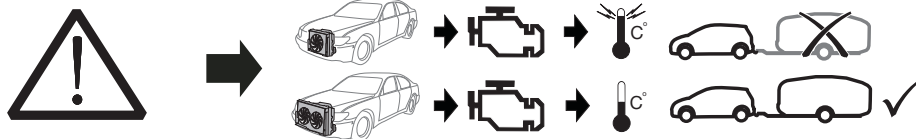
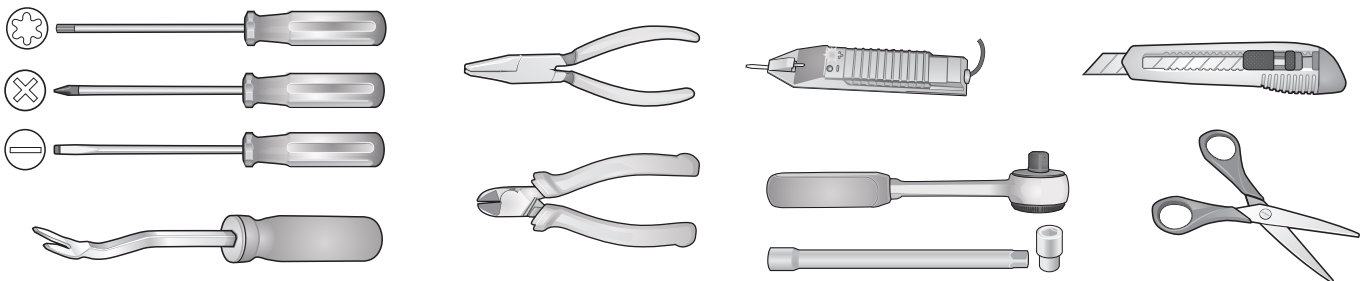
The trailer module is not diagnostics-capable. If the manufacturer's diagnostics processes or software-supported test mechanisms generate error reports directly or indirectly linked with trailer operation, the trailer module must be disconnected from the leads to the trailer socket and a new diagnostic process initiated.



## SYMBOL EXPLANATION

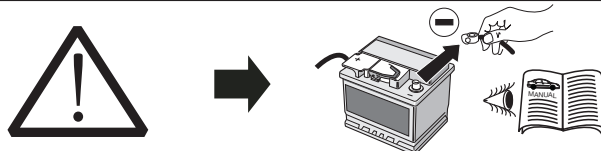
	left (58-L) respectively right (58-R) tail light		cigarette lighter / accessory socket
	stop light (54) / high mounted, third stop light (54)		loudspeaker / buzzer
	turn signal indicator left		Park Distance Control
	turn signal indicator right		switch / source of function
	rear fog light(s)		Connect together
	reversing light(s)		Disconnect
	Permanent power supply / 13pin socket, chamber 9		Look at / See further information
	charging wire for trailer battery / 13pin socket, chamber 10		Look carefully at selected area
	trailer / trailer recognition		Present / Occupied / OK
<b>B+/30</b>	Permanent current power supply		Not present / Not occupied / Not OK
	Ground or Earth (31)		left
	ground connection battery terminal lug		right
	positive connection battery terminal lug		acoustic indication
	fuse / fuse capacity 20 Ampère		attention / important advice

## Tools



### ATTENTION!

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

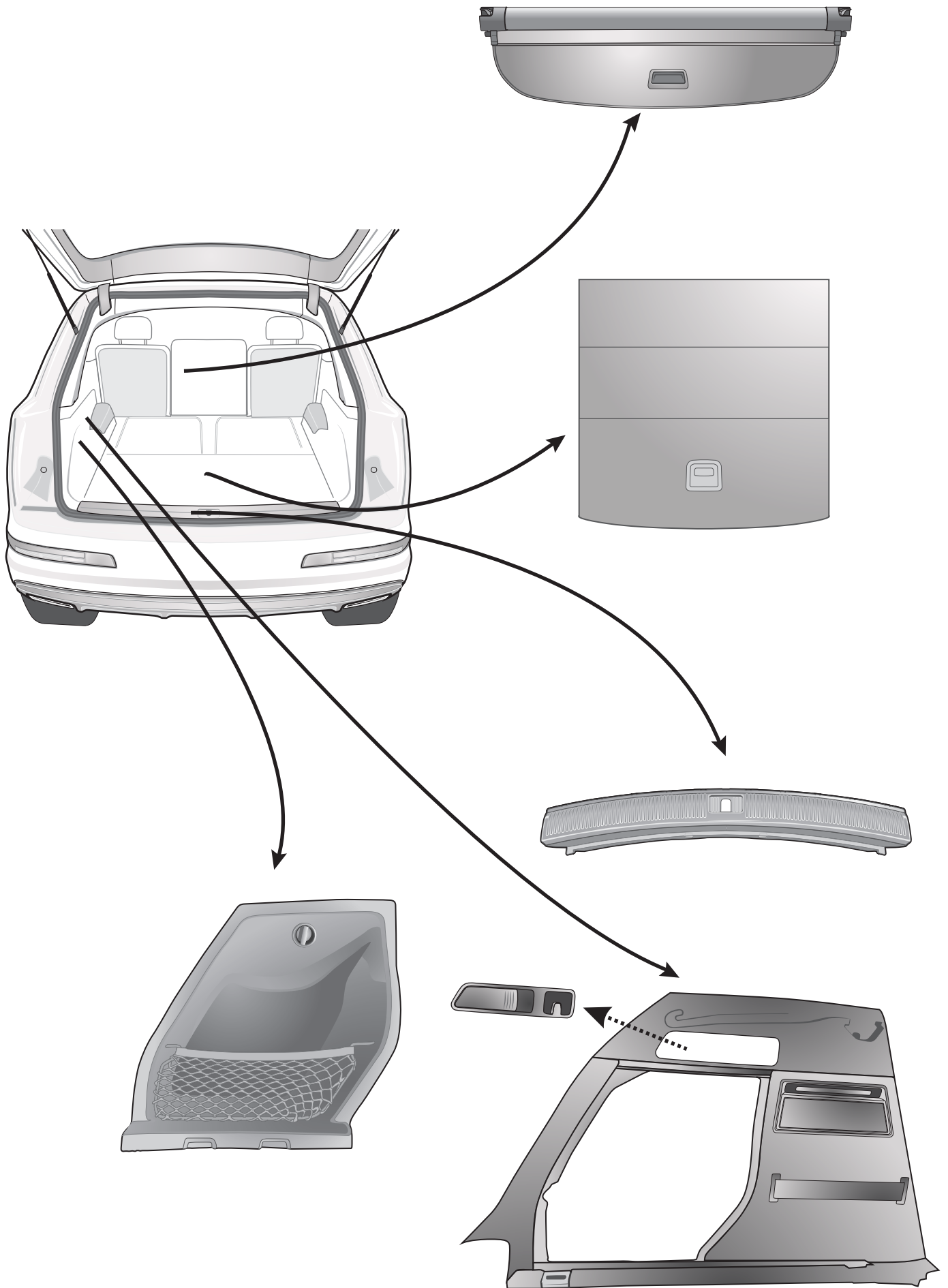


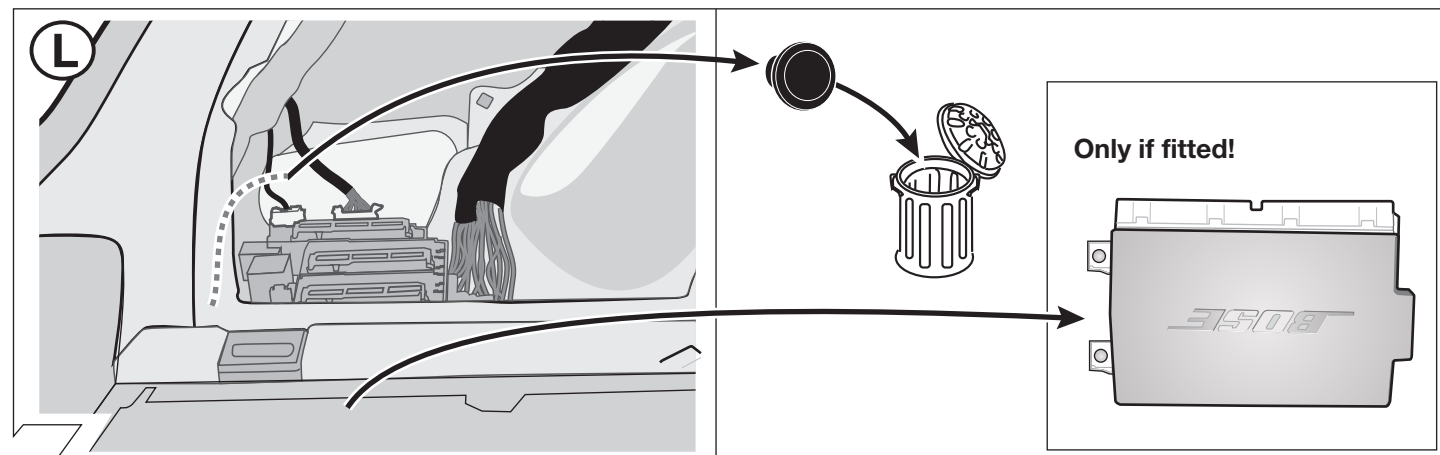
### ATTENTION!

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!**

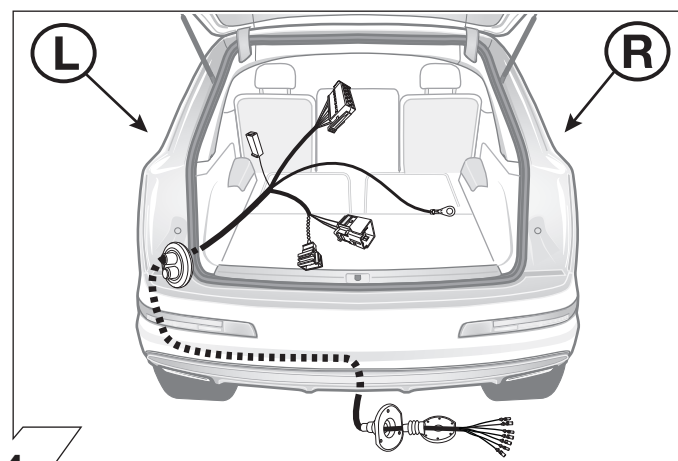
Both the trailer module and the vehicle's control unit for the electrical system can be damaged during work on the data bus connections if the battery is not disconnected!

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

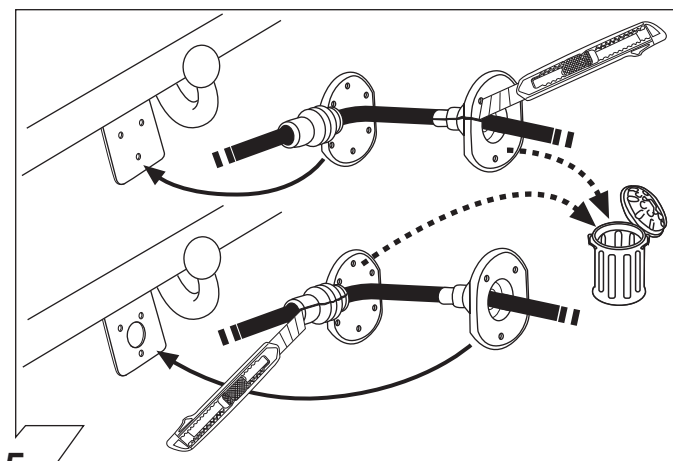




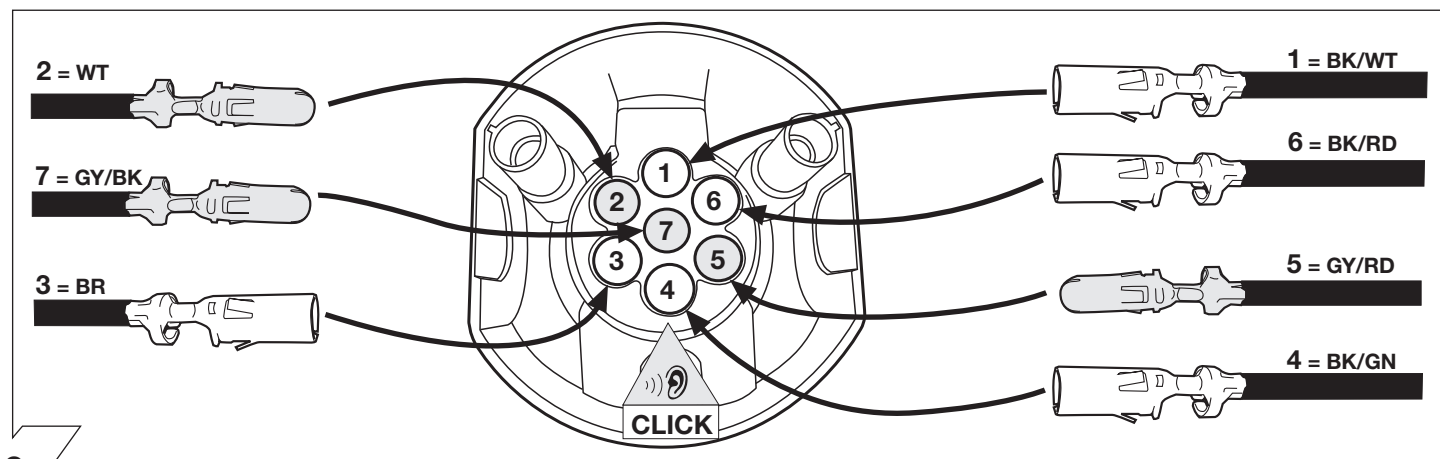
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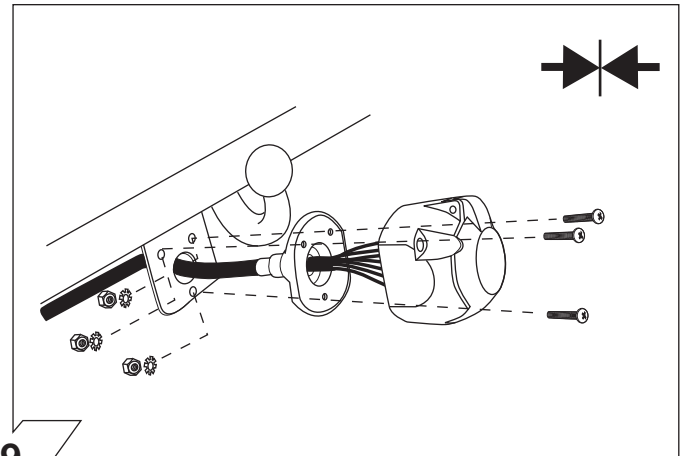
6

	GB	D	E	F	I	P	NL	DK	N	S	FIN	CZ	H	PL
<b>BK</b>	Black	Schwarz	Negro	Noir	Nero	Preto	Zwart	Sort	Svart	Svart	Musta	Černá	Fekete	Czarny
<b>RD</b>	Red	Rot	Rojo	Rouge	Rosso	Vermelho	Rood	Rød	Röd	Röd	Punainen	Červená	Piros	Czerwony
<b>GN</b>	Green	Grün	Verde	Vert	Verde	Verde	Groen	Grøn	Grønt	Grön	Vihreä	Zelená	Zöld	Zielony
<b>OR</b>	Orange	Orange	Naranja	Orange	Arancione	Laranja	Oranje	Orange	Orange	Orange	Oranssi	Oranzová	Narancs	Pomarańczowy
<b>VT</b>	Violet	Violett	Violeta	Violet	Viola	Violeta	Violet	Violet	Fiolett	Violett	Violetti	Fialová	Ibolya	Fioletowy
<b>PK</b>	Pink	Pink	Pink	Rose	Rosa	Cor-de-Rosa	Paars	Pink	Pink	Rosa	Pinkki	Růžová	Rózsaszín	Różowy
<b>BL</b>	Blue	Blau	Azul	Bleu	Blu	Azul	Blauw	Blå	Blått	Blá	Sininen	Modrá	Kék	Niebieski
<b>YL</b>	Yellow	Gelb	Amarillo	Jaune	Giallo	Amarelo	Geel	Gul	Gult	Gul	Keltainen	Zlutá	Sárga	Żółty
<b>WT</b>	White	Weiss	Blanco	Blanc	Bianco	Branco	Wit	Hvid	Hvitt	Vit	Valkoinen	Bílá	Fehér	Biały
<b>BR</b>	Brown	Braun	Marrón	Brun	Marrone	Marrom	Bruin	Brun	Brunt	Brun	Ruskea	Hnědá	Barna	Brazowy
<b>GY</b>	Grey	Grau	Gris	Gris	Grigio	Cinzeno	Grijs	Grå	Grått	Grá	Harmaa	Sedá	Szürke	Szary

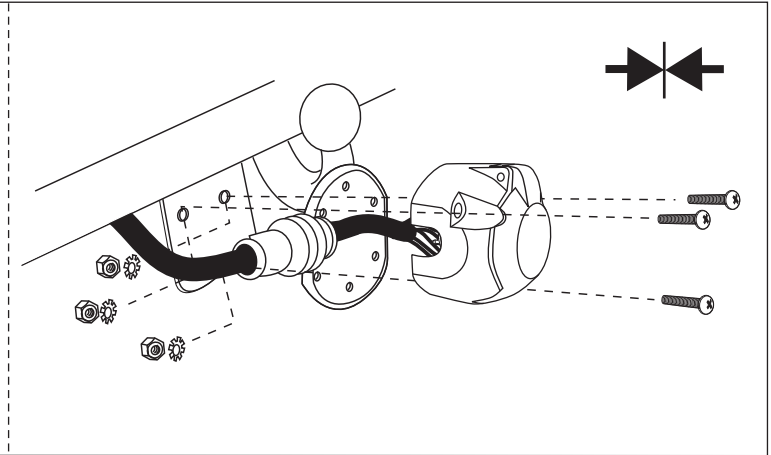
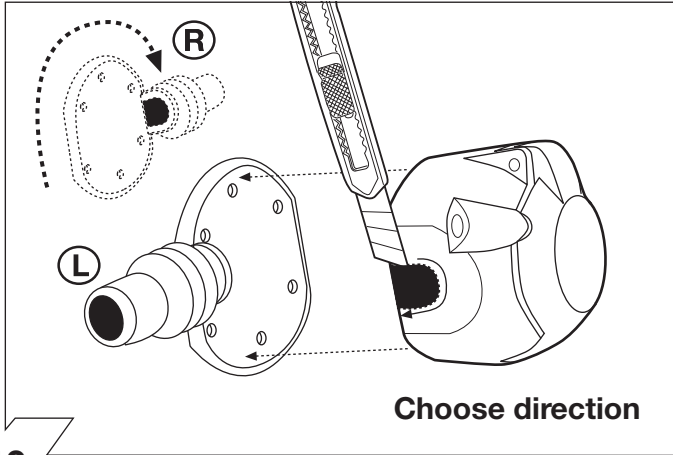
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ISO 1724	Socket configuration / Maximum power output			
	1/L	BK/WT	21W	
	2	WT	42W	
	3/31	BR		
	4/R	BK/GN	21W	
	5/58-R	GY/RD	52W	
	6/54	BK/RD	63W	
	7/58-L	GY/BK	52W	

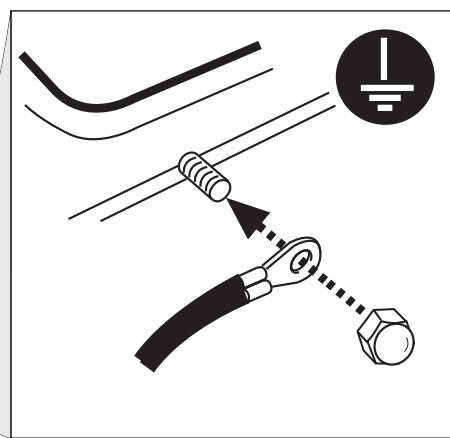
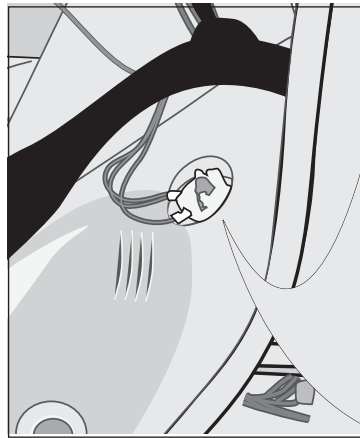
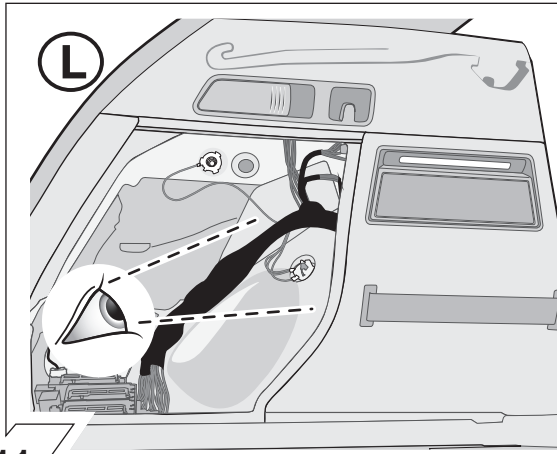
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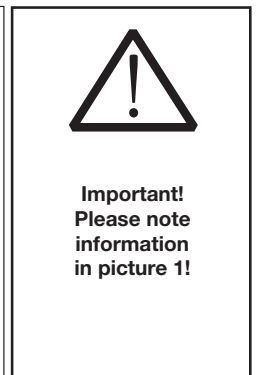
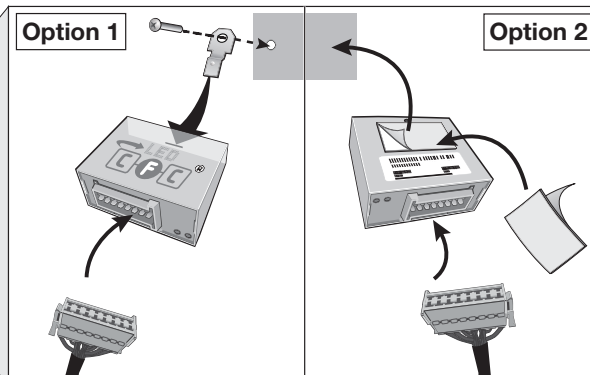
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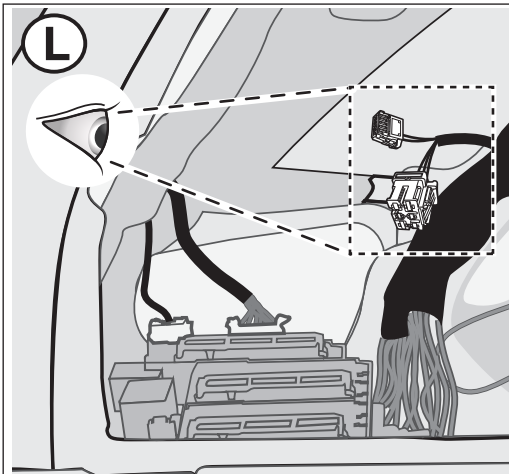
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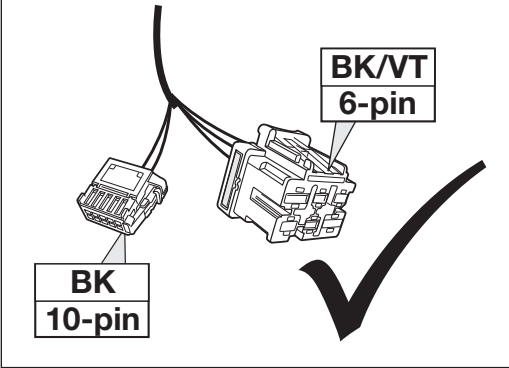
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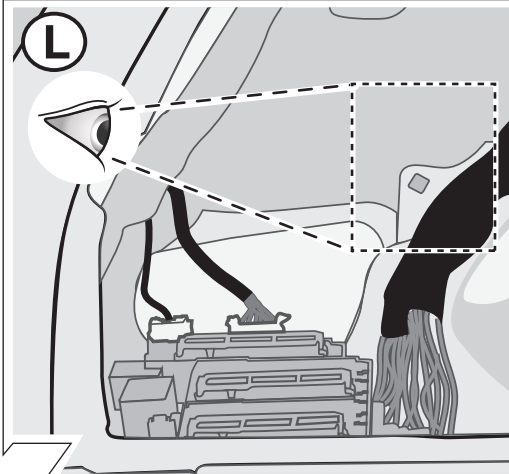
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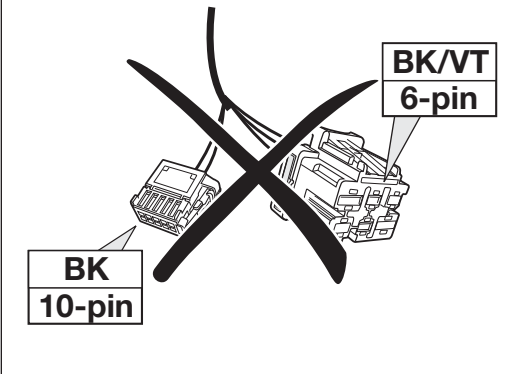
Vehicles with trailer preparation



14 - 15  
24 - 47

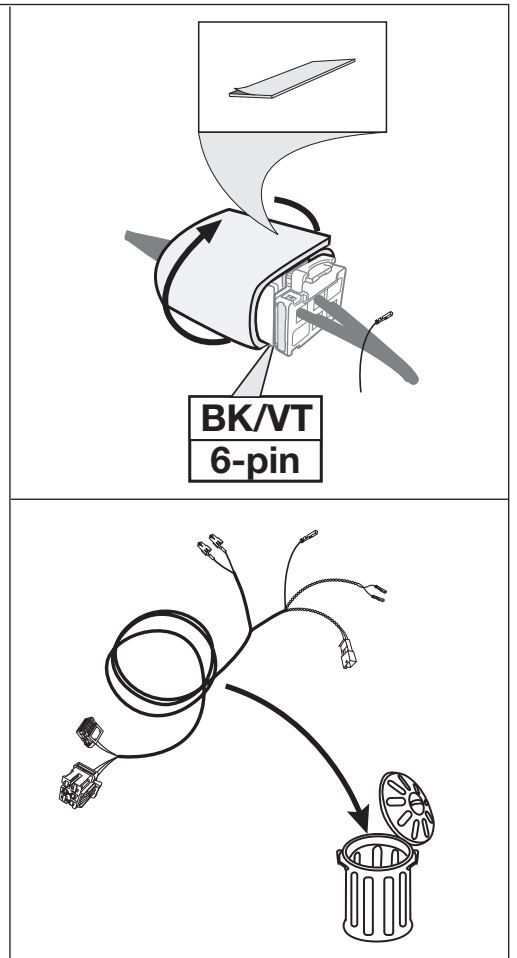
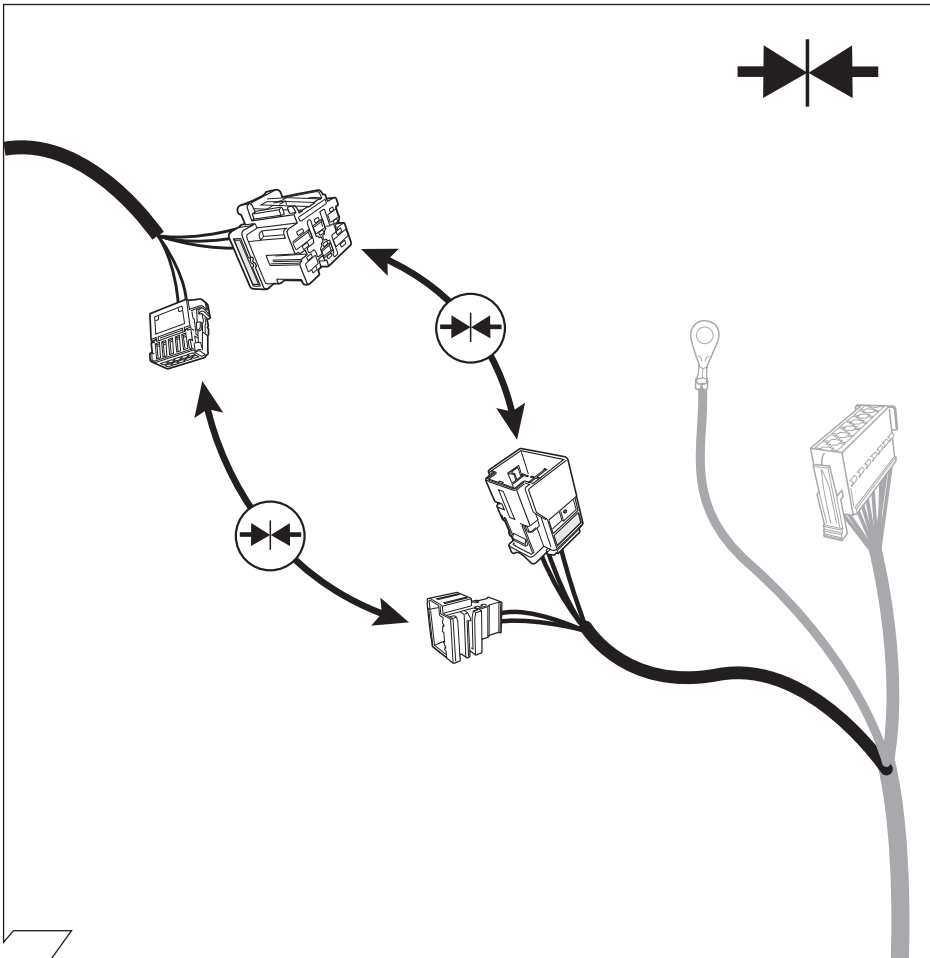


Vehicles without trailer preparation

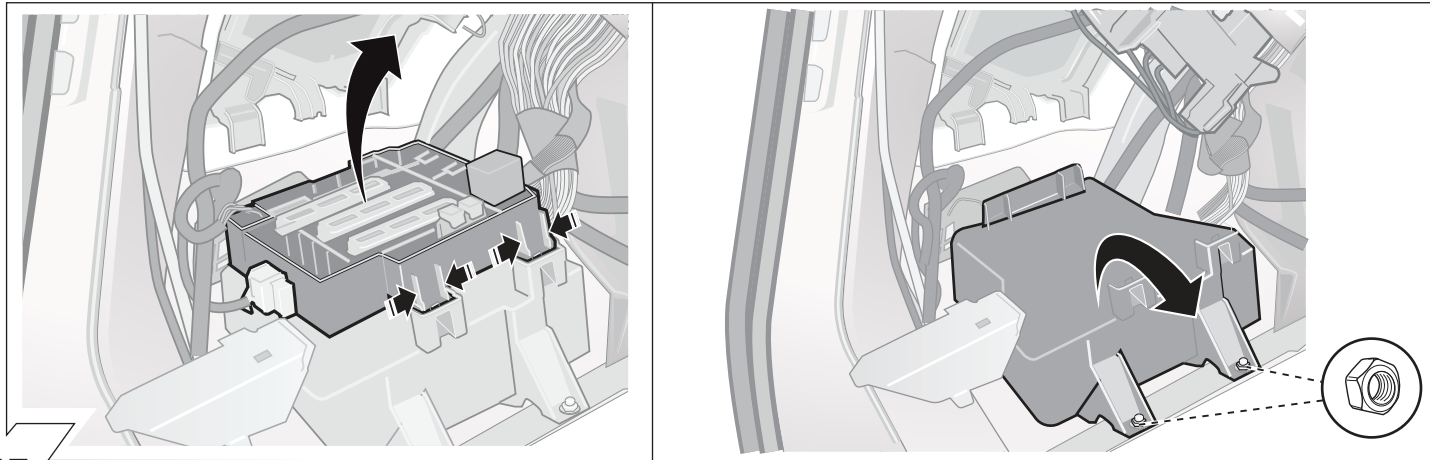
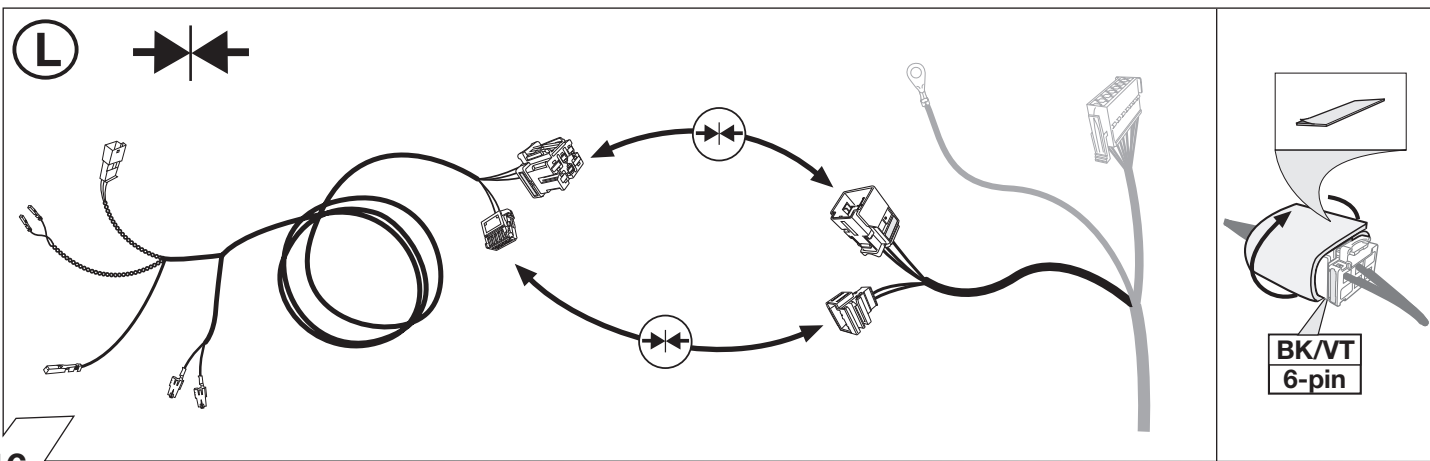
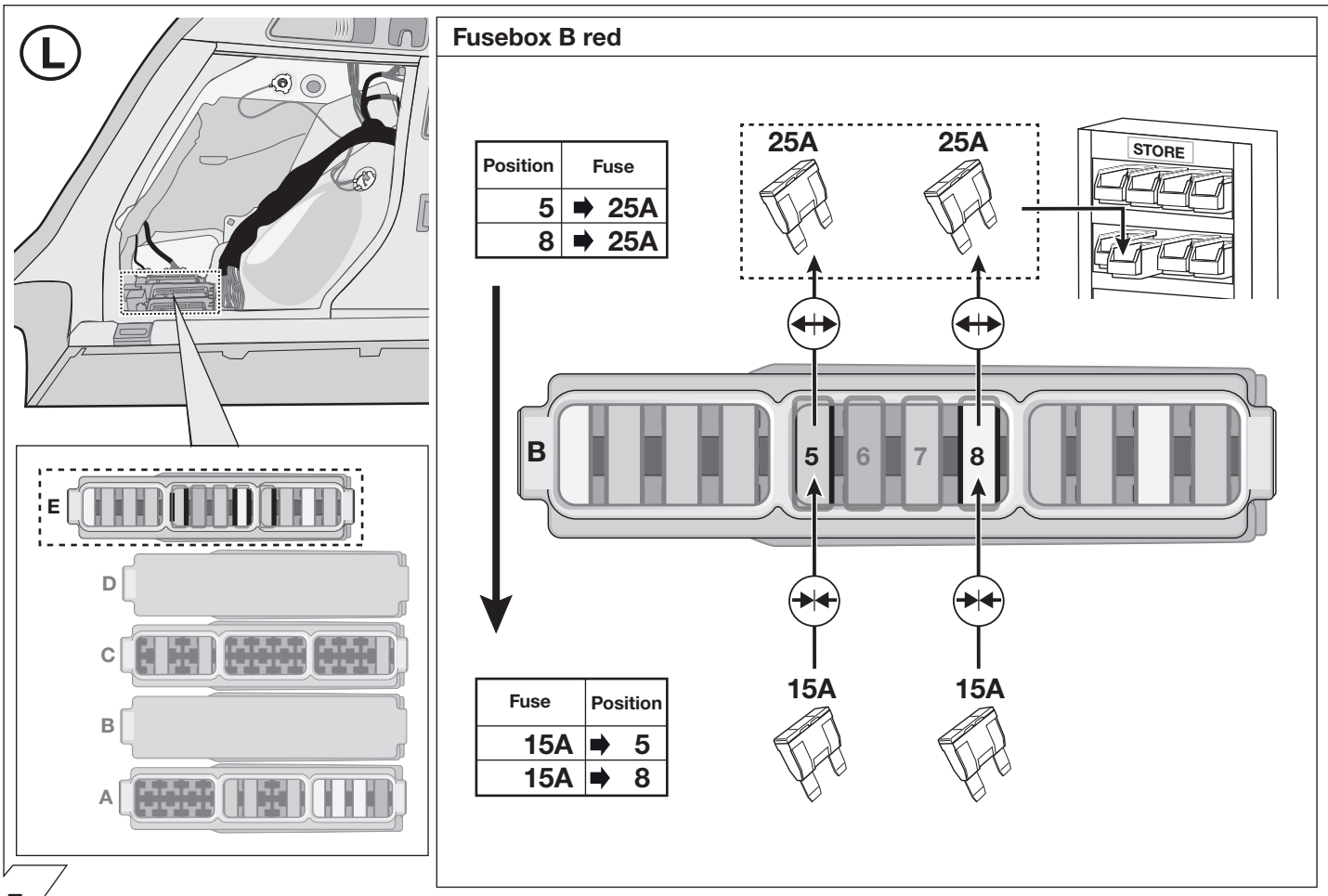


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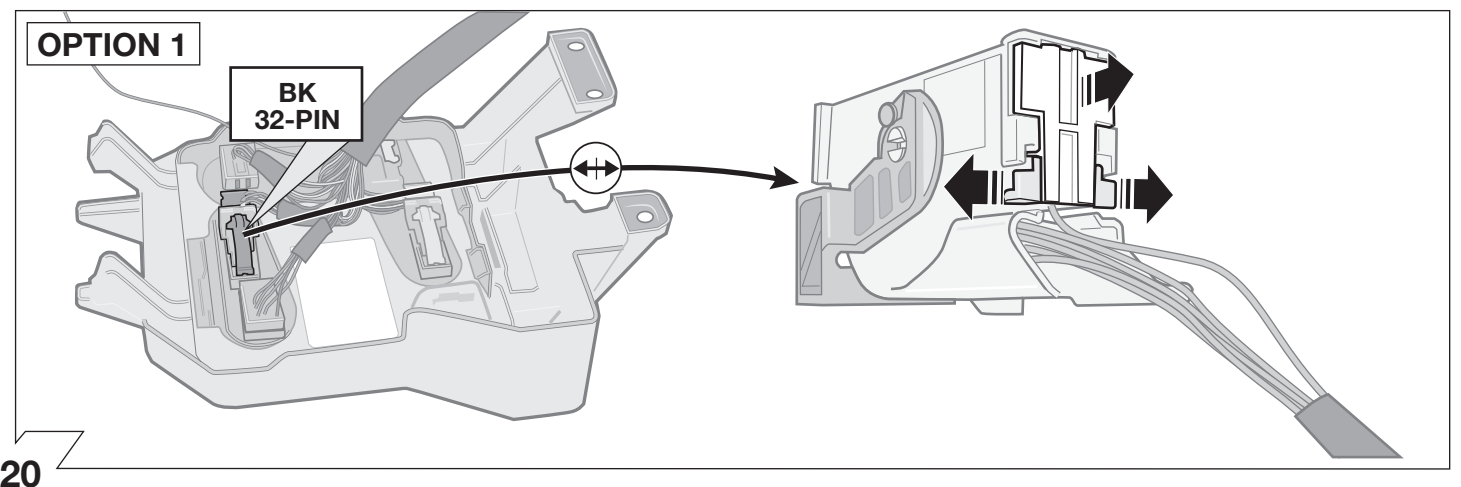
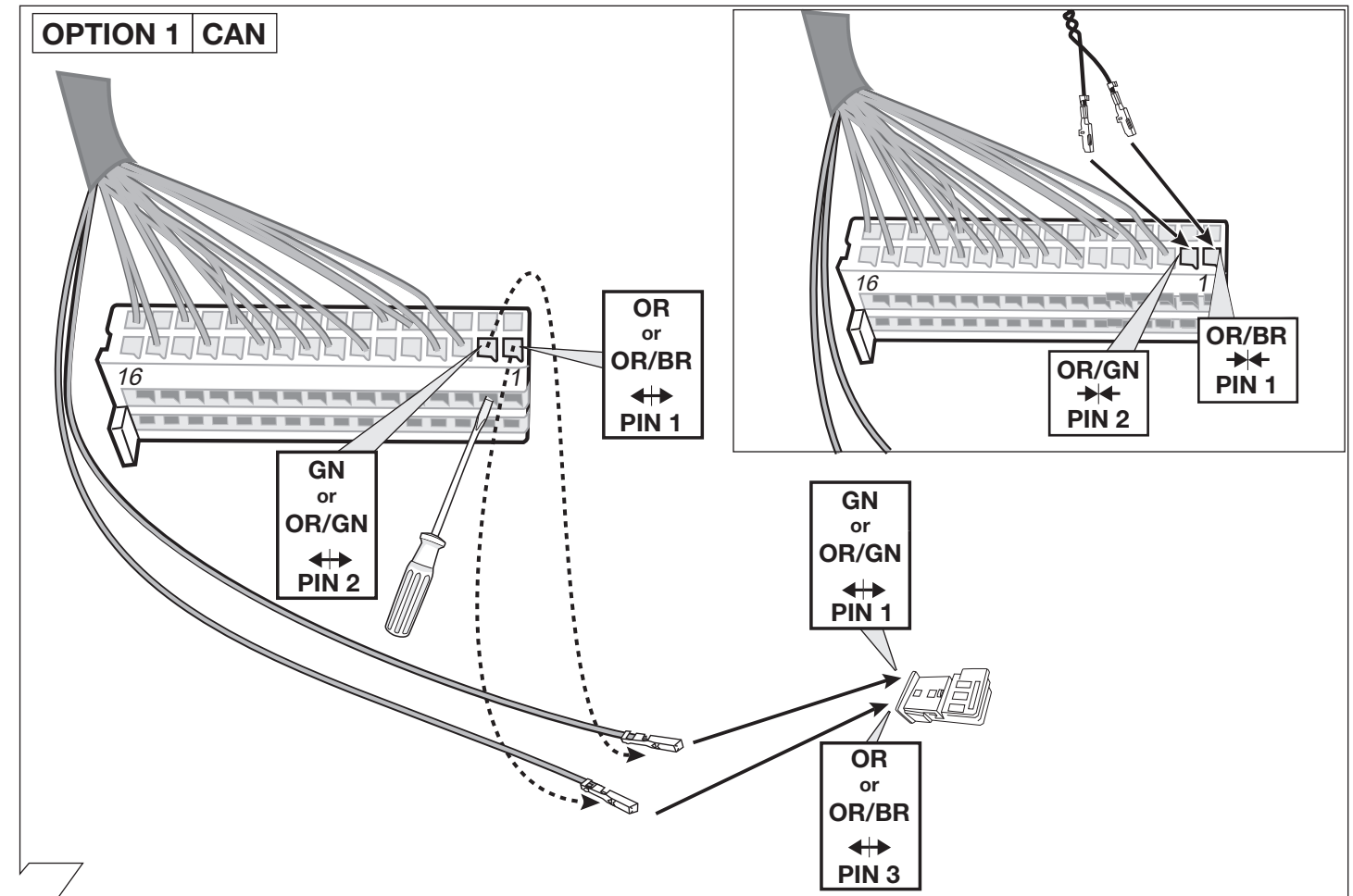
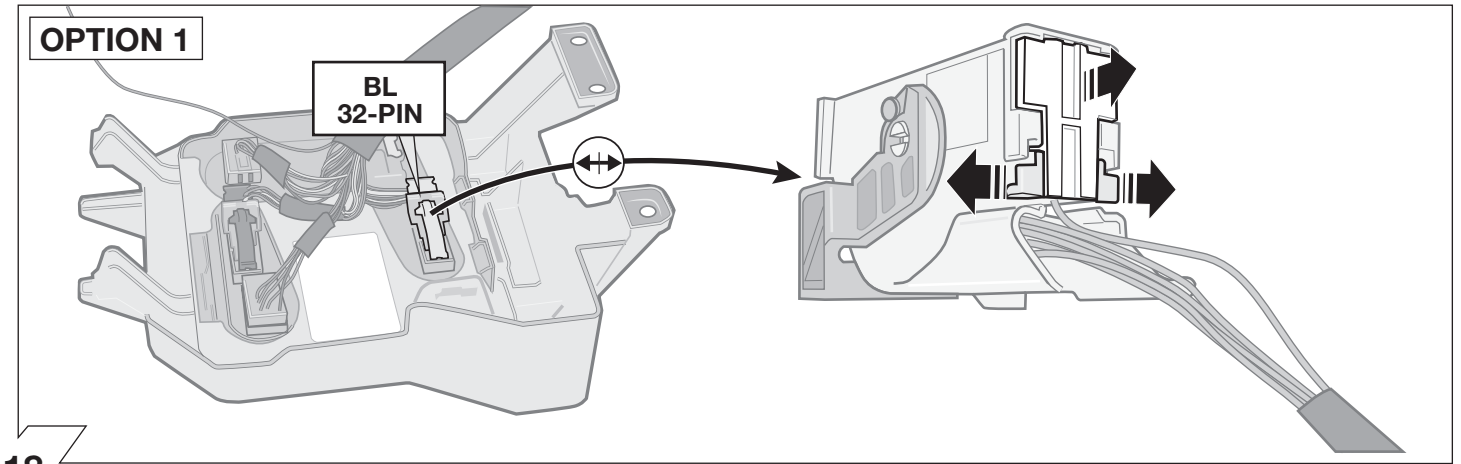
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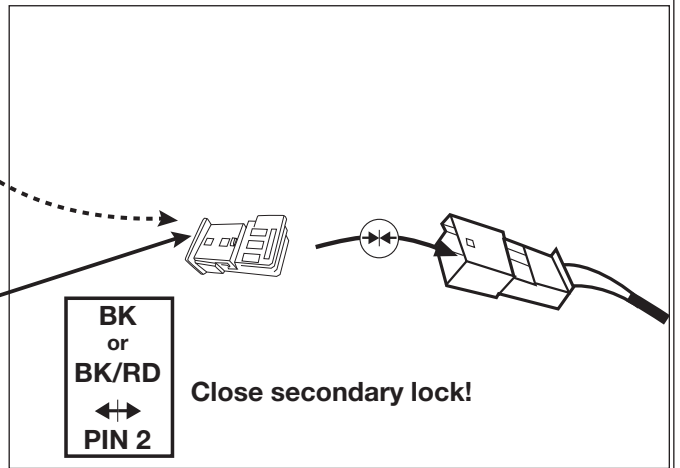
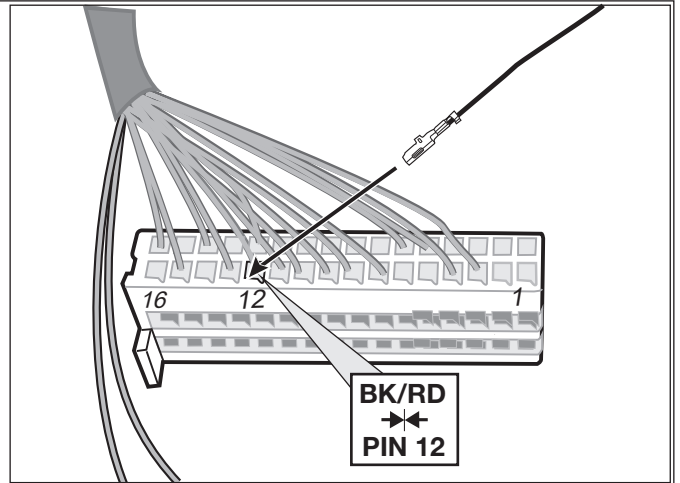
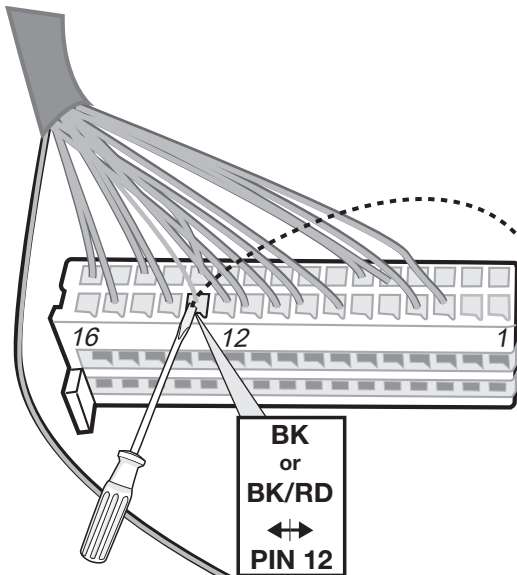
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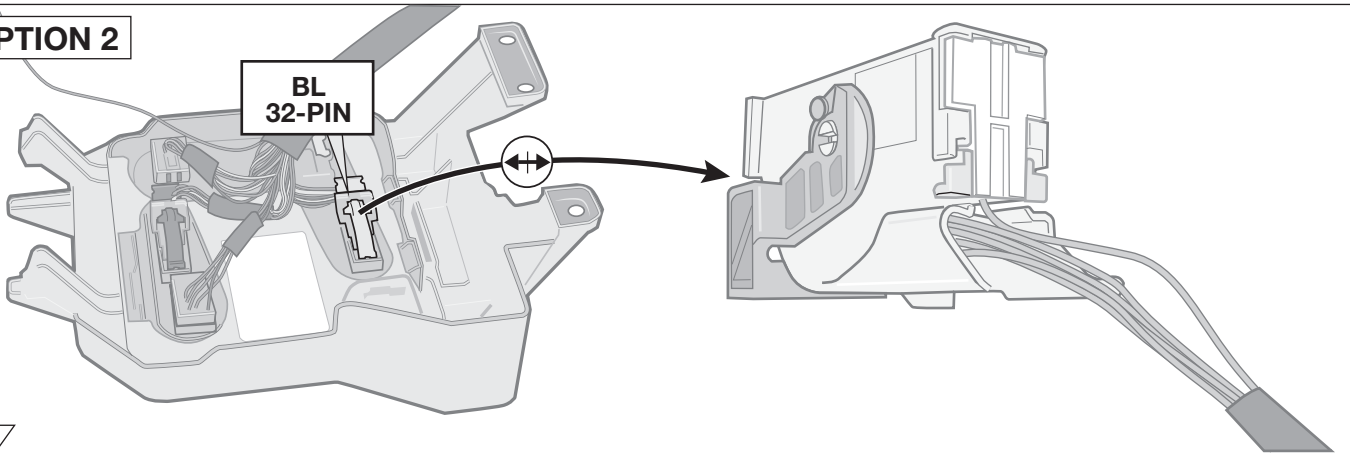


**OPTION 1**



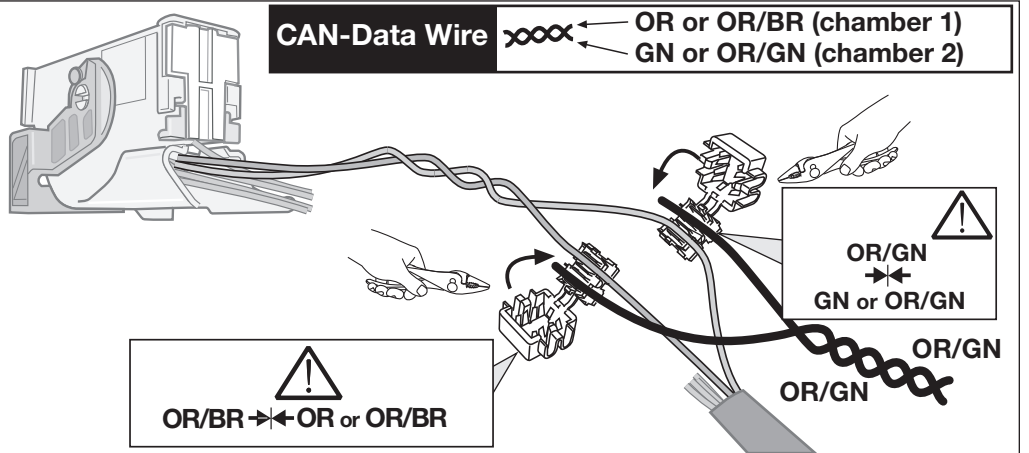
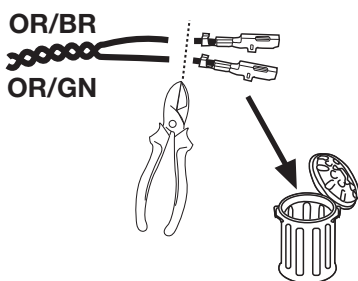
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**OPTION 2**

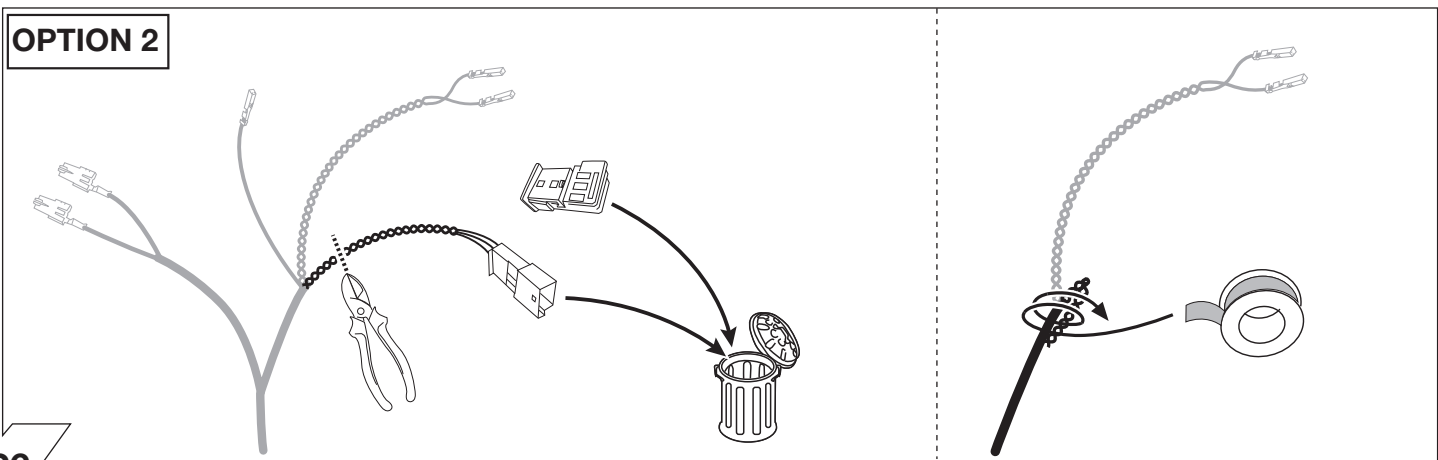
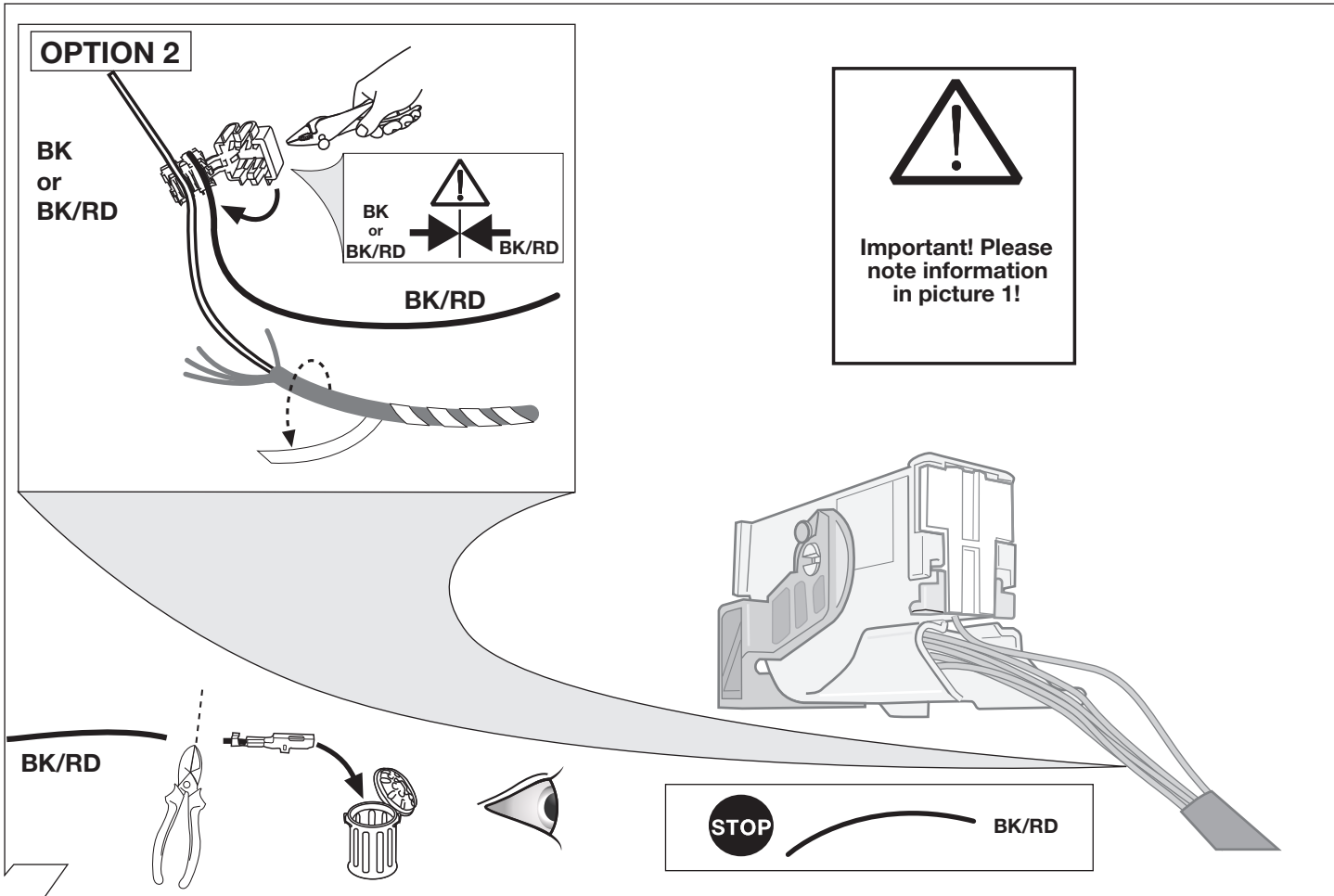
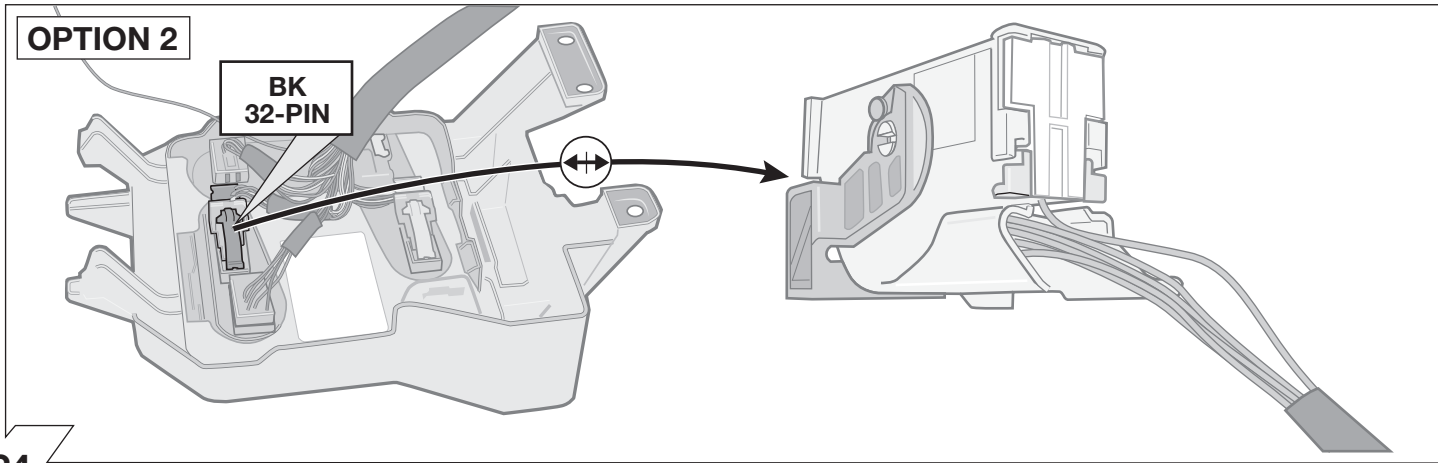


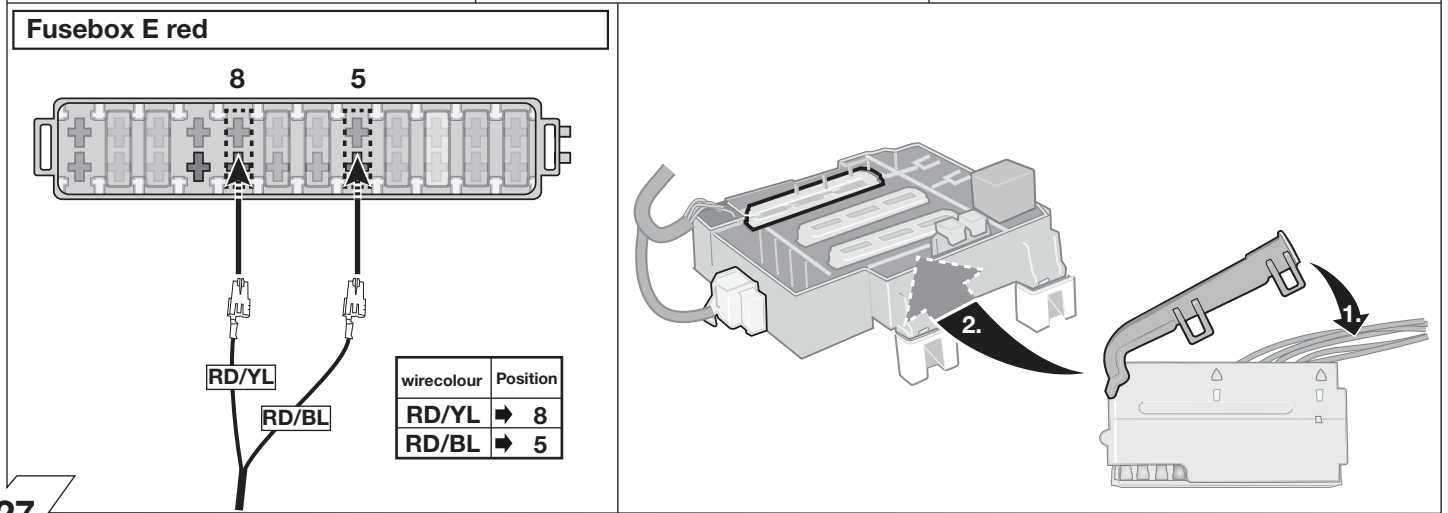
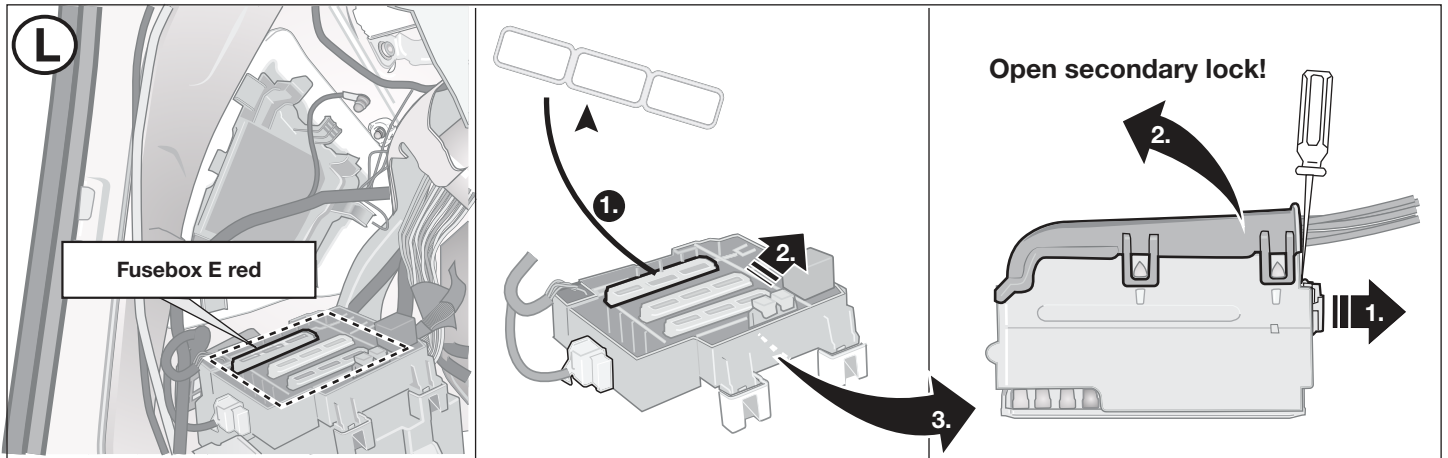
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**OPTION 2**

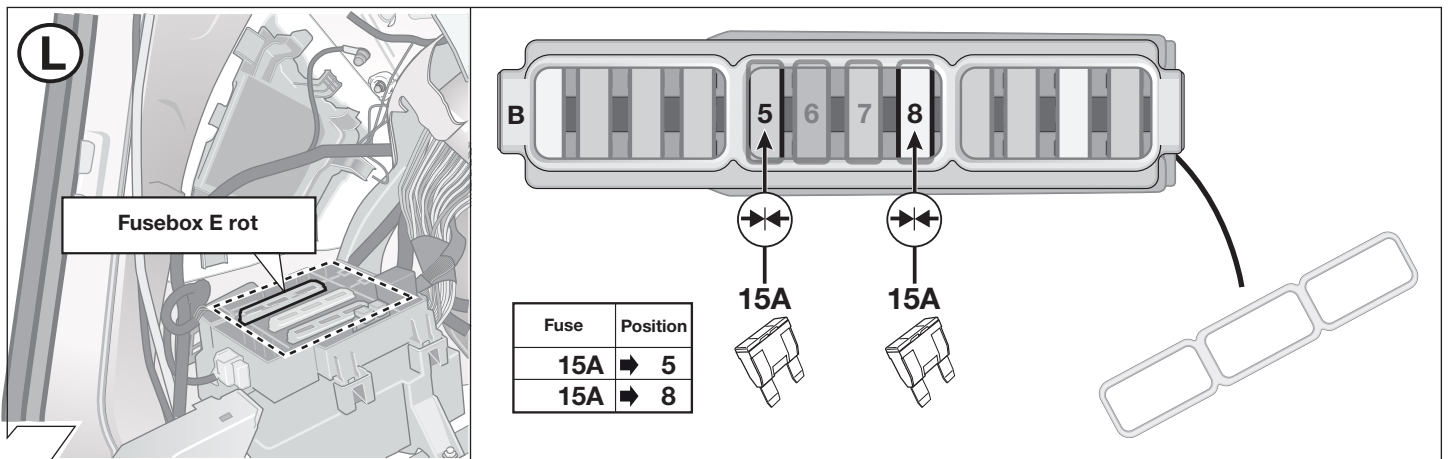


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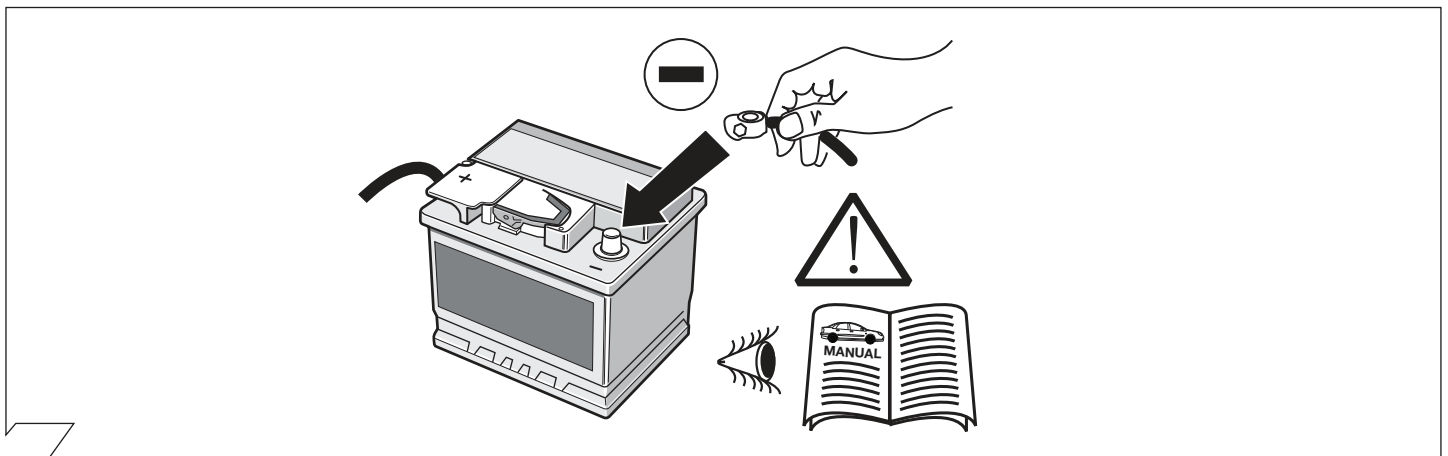




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**OPTION 1**

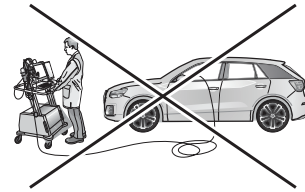


Code Control unit

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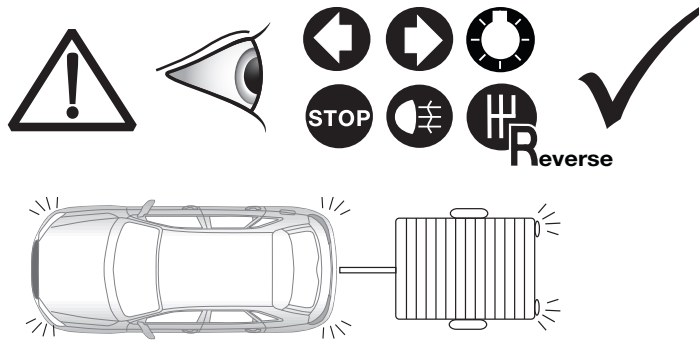
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**OPTION 2**



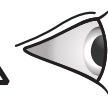
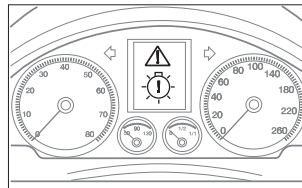
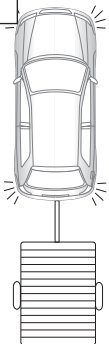
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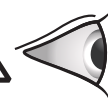
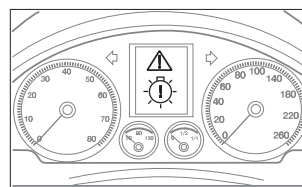
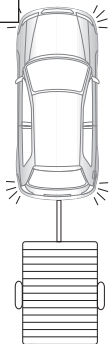
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**OPTION 1**



33

**OPTION 1**



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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!



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**OPTION 1**

**SETUP**

1.

2.

3.

4.

2. Ignition ON

3.

36

**Optional: Adapter socket 768019**

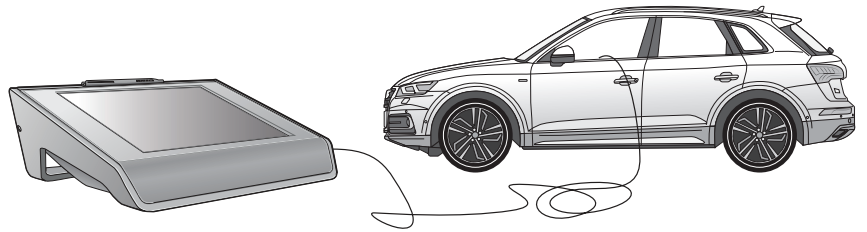
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## Set up trailer operation

### OPTION 1



### The activation of the trailer functions must be performed as follows:

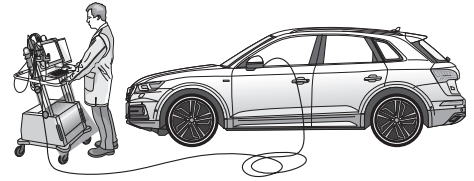
1. Vehicle selection
2. switch to diagnostics - coding
3. Deactivate/activate trailer coupling
4. Select diagnostic Interface Bus
5. Follow instructions

### Vehicles with assistance systems

6. Perform adaptation of trailer coupling on assistance systems
7. Follow instructions
8. Diagnostics
9. Read out error memory, delete if necessary
10. Done

## Set up trailer operation

### OPTION 1



#### Encoding VW/Audi/Seat/Skoda with VCDS

##### 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, fewer or further control units will have to be adapted.

##### → Encoding Gateway\_19

Installations List ->  
69 Trailer hitch control module -> installed

##### → Encoding EZE\_09 (electronic central electric controller):

Access authorisation: 31347  
Adaptation -10  
Adaptation channel:  
networking trailer connection device -> installed  
Trailer hitch control module -> installed

##### → Encoding DIS\_13 (distance control)

Access authorisation 20103  
Encoding  
Control module for trailer -> installed

##### → Encoding ZKS\_46 (central module comfort system)

Trailer control unit -> installed

##### → Encoding SWA\_3C (lane change assistant)

Trailer control unit -> installed

##### → Encoding SCH\_17 (control panel insert)

Trailer control unit -> installed

##### → Encoding RFK\_6C (reversing camera system)

Trailer detection -> installed

##### → Encoding STF\_74 (chassis control)

Trailer -> installed

##### → Encoding EPH\_10 (PDC controller)

Trailer -> Trailer device  
can be removed manually

##### → Encoding FFF\_A5 (front sensor system controller)

Trailer electronics -> installed

##### → Encoding HDE-6D (boot lid electronics controller)

Controller for 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.

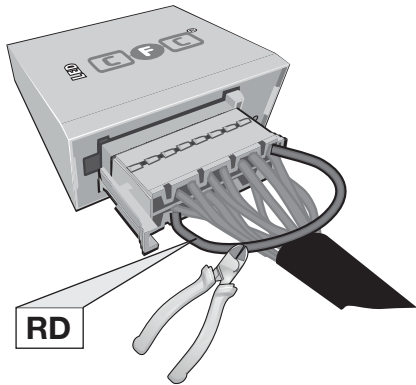


OPTION 2

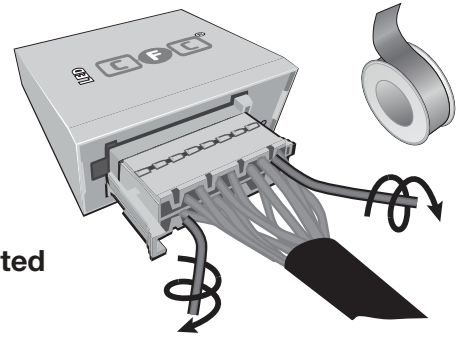


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OPTION 2

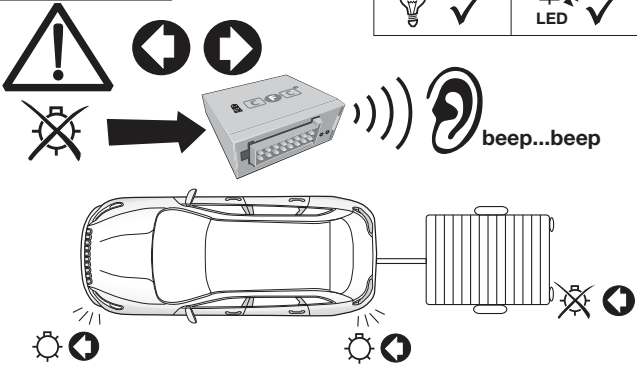


Pin 11 and Pin 2 disconnected



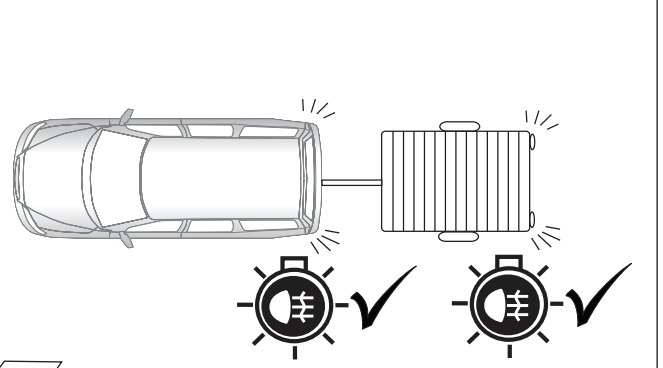
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OPTION 2



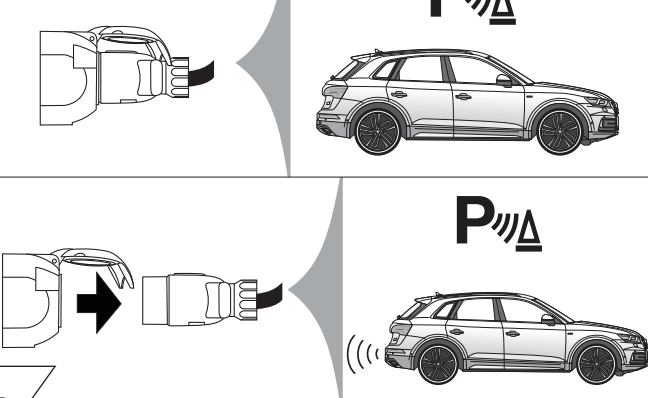
44

OPTION 2



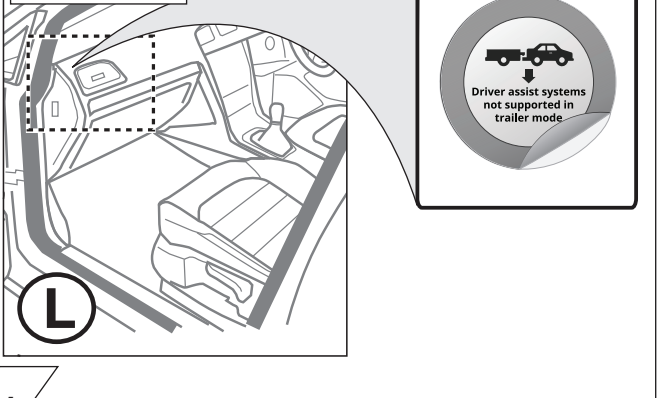
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OPTION 2



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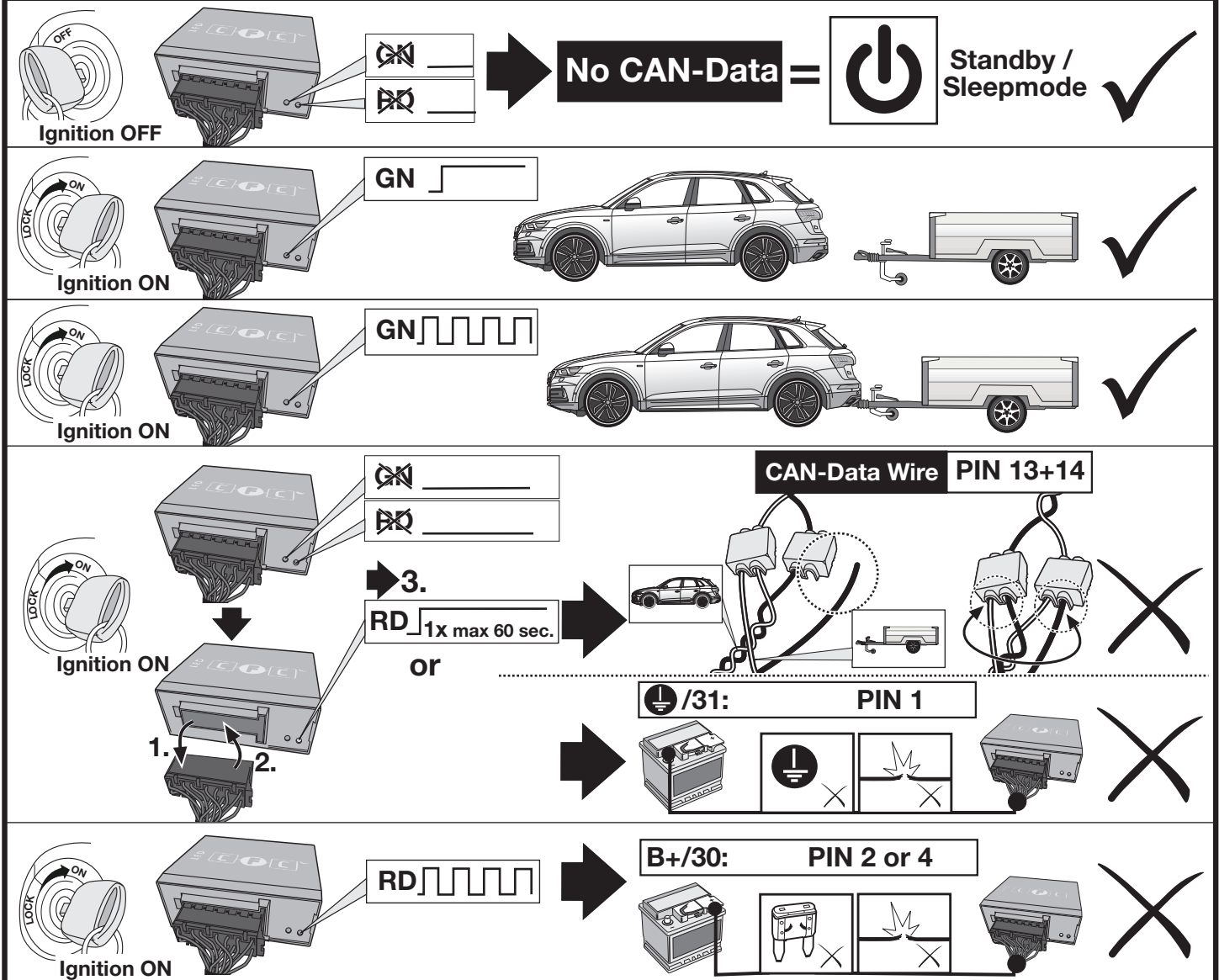
OPTION 2



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## Diagnosis function of control LEDs



### Indicator failure detection and lamp substitution if the trailer indicators fail

The failure of a single or on both trailer indicators will be shown depending on the type of vehicle and electric kit installed as follows:

- Increase in the flashing frequency
- Text message in the Display / combi-instrument
- Activated control lamp for light failure
- Audible warning via Buzzer or Voice-Message

If an indicator fails the left or right rear light compensates the faulty indicator by flashing at the correct frequency! (♦ lamp substitution).