

Einzelteilliste

Liste de pièces

Onderdelenlijst

Part list

Lista de componentes

Elenco componenti

Dellista

Seznam dílů

Del-lista

Osaluettelo

Κατάλογος εξαρτημάτων

Delliste

Lista części

DE

FR

NL

GB

ES

IT

SE

CZ

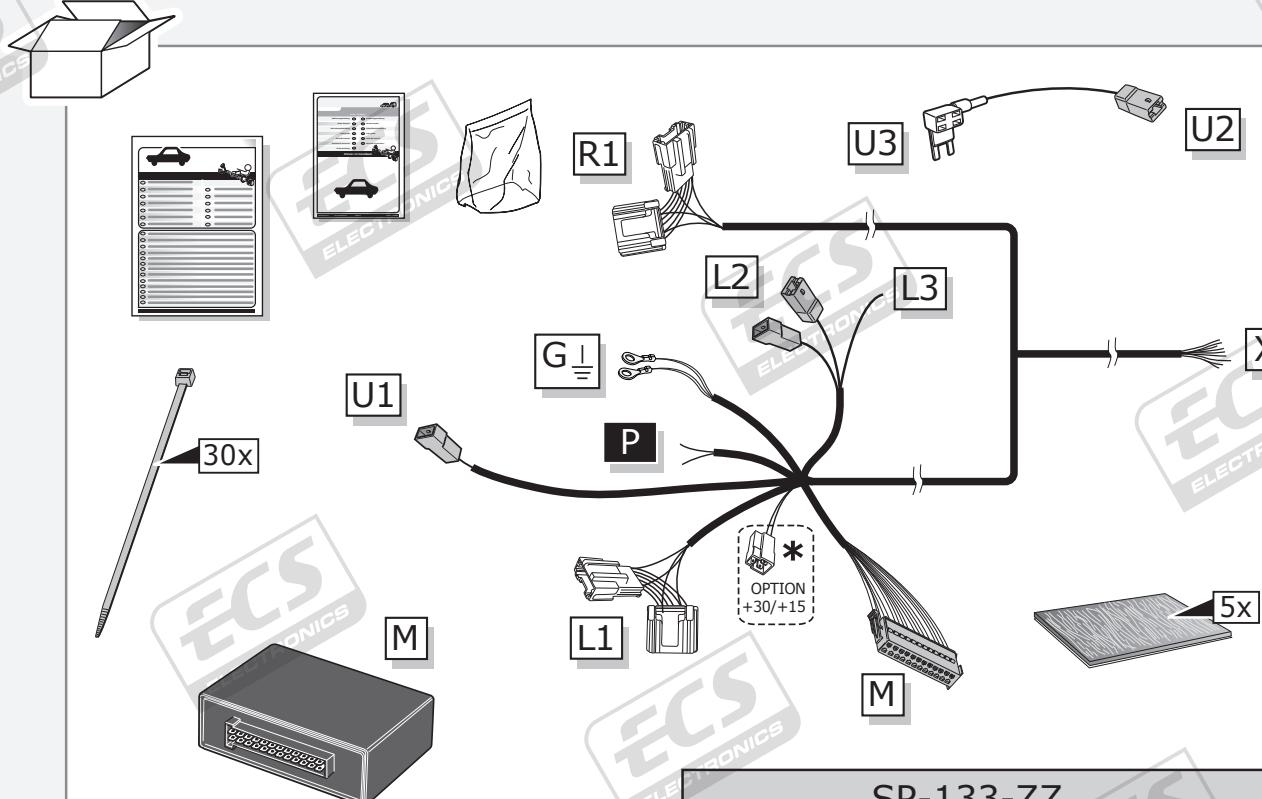
DK

FI

GR

NO

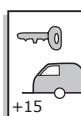
PL



### SP-133-ZZ

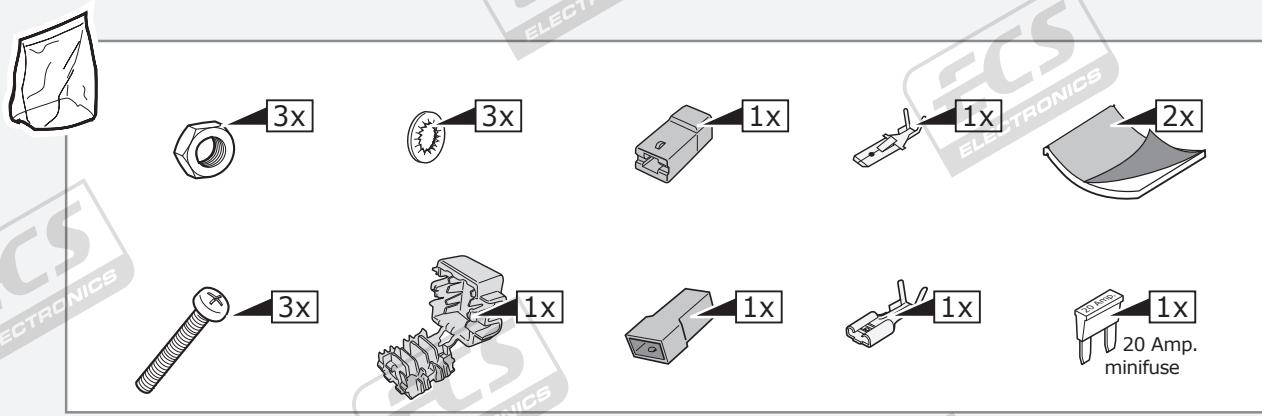
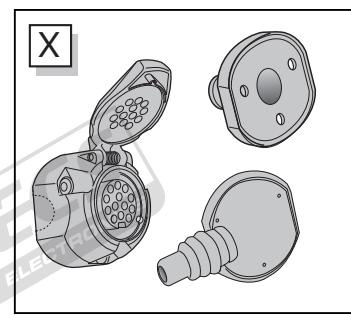
\* OPTION  
+30/+15

vorbereitung für  
préparation pour  
voorbereiding voor  
preparation for  
preparación para  
preparazione per  
förberedelse för  
priprava pro  
forberedelse for  
valmistelu varten  
Προετοιμασία για  
forberedelse på  
przygotowanie do



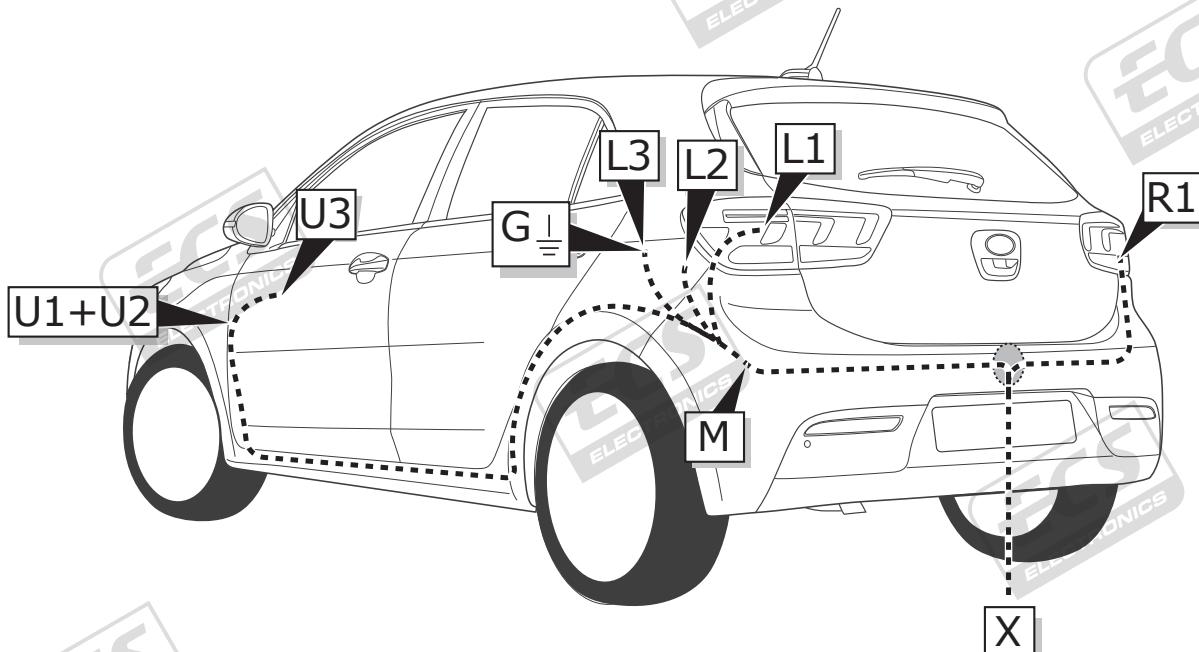
DE	Braun/Weiß	CZ	Hnědo/Bílá
FR	Marron/Blanc	DK	Brun/Hvid
NL	Bruin/Wit	FI	Ruskea/Valkoinen
GB	Brown/White	GR	Kaφέ/Λευκό
ES	Marrón/Blanco	NO	Brun/Hvit
IT	Marrone/Bianco	PL	Brazowy/Biały
SE	Brunt/Vit		

DE	Rot	CZ	Červená
FR	Rouge	DK	Rød
NL	Rood	FI	Punainen
GB	Red	GR	Kόκκινο
ES	Rojo	NO	Rød
IT	Rosso	PL	Czerwony
SE	Röd		

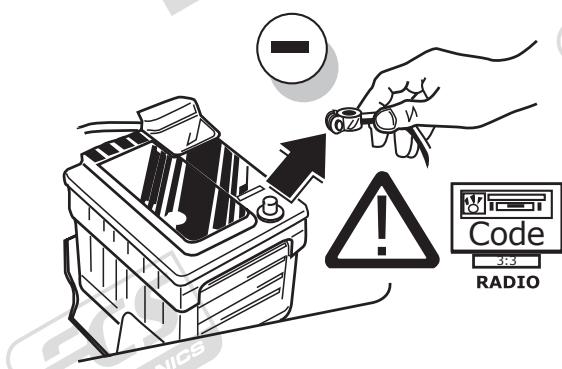


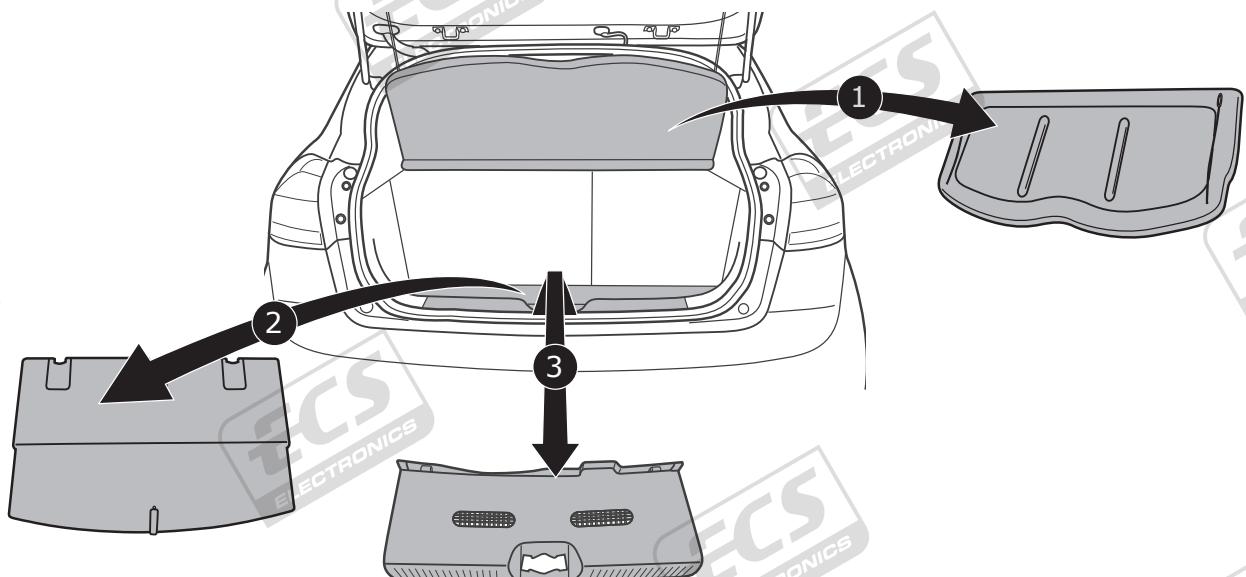
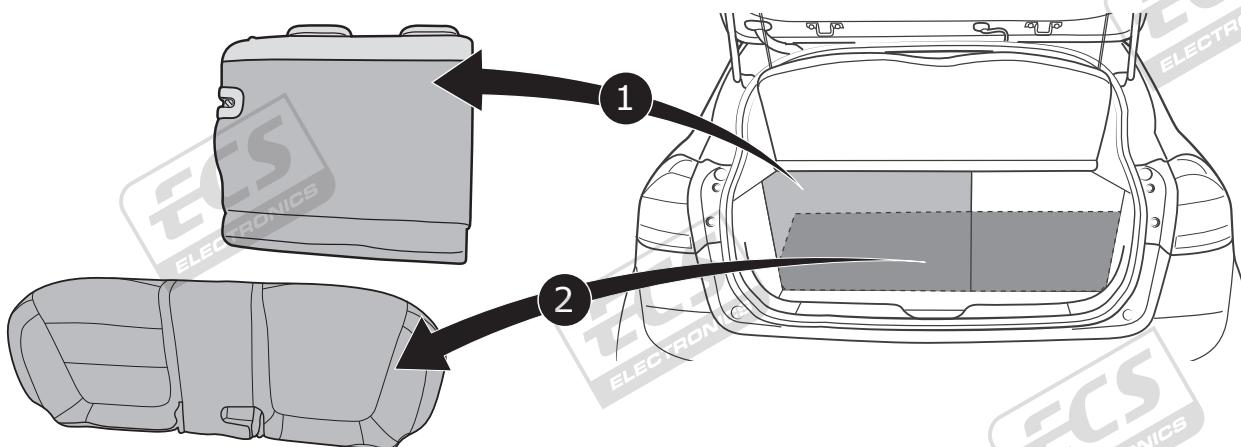
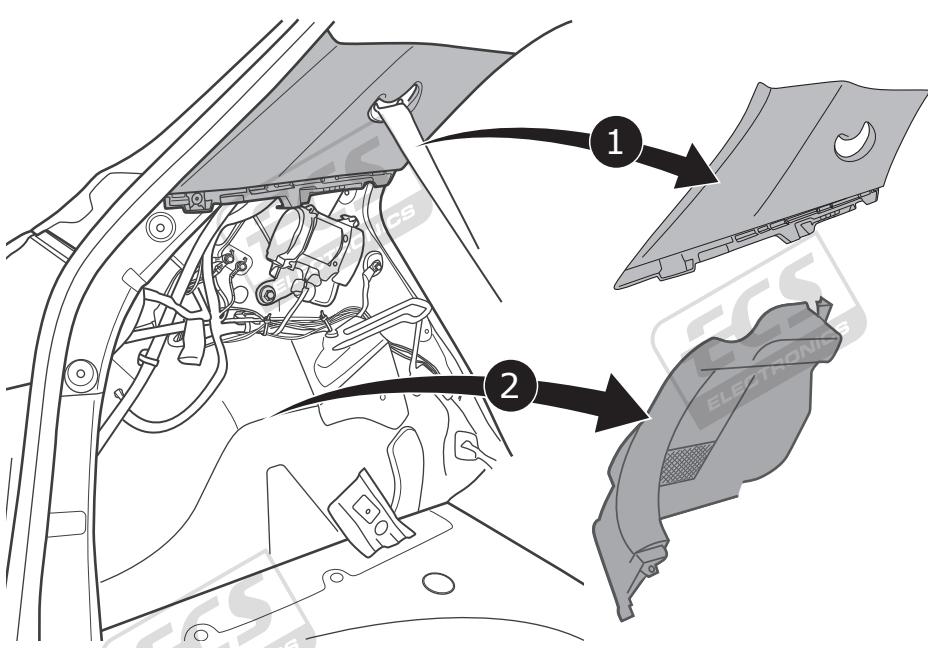
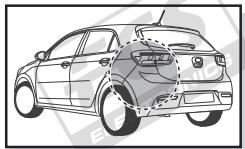
**INFO**

	BK	BN	BU	GY	GN	WH	YE	OG	PE	PI	RD
(DE)	Schwarz	Braun	Blau	Grau	Grün	Weiß	Gelb	Orange	Violett	Rosa	Rot
(FR)	Noir	Marron	Bleu	Gris	Vert	Blanc	Jaune	Orange	Violet	Rose	Rouge
(NL)	Zwart	Bruin	Blauw	Grijs	Groen	Wit	Geel	Oranje	Paars	Roze	Rood
(GB)	Black	Brown	Blue	Grey	Green	White	Yellow	Orange	Purple	Pink	Red
(ES)	Negro	Marrón	Azul	Gris	Verde	Blanco	Amarillo	Naranja	Morado	Rosa	Rojo
(IT)	Nero	Marrone	Blu	Grigio	Verde	Bianco	Giallo	Arancione	Viola	Rosa	Rosso
(SE)	Svart	Brun	Blå	Grå	Grön	Vit	Gul	Orange	Lila	Rosa	Röd
(CZ)	Černá	Hnědá	Modrá	Šedá	Zelená	Bílá	Žlutá	Oranžová	Fialová	Růžová	Červená
(DK)	Sort	Brun	Blå	Grå	Gron	Hvid	Gul	Orange	Lilla	Pink	Rød
(FI)	Musta	Ruskea	Sininen	Harmaa	Vihreä	Valkoinen	Keltainen	Oranssi	Purppura	Vaaleanpunainen	Punainen
(GR)	Μαύρο	Καφέ	Μπλε	Γκρι	Πράσινο	Λευκό	Κίτρινο	Πορτοκαλί	Μοβ	Πούρη	Κόκκινο
(NO)	Svart	Brun	Blå	Grå	Grønn	Hvit	Gul	Oransje	Lilla	Rosa	Rød
(PL)	Czarny	Brazowy	Niebieski	Szary	Zielony	Biały	Żółty	Pomarańczowy	Purpurowy	Różowy	Czerwony

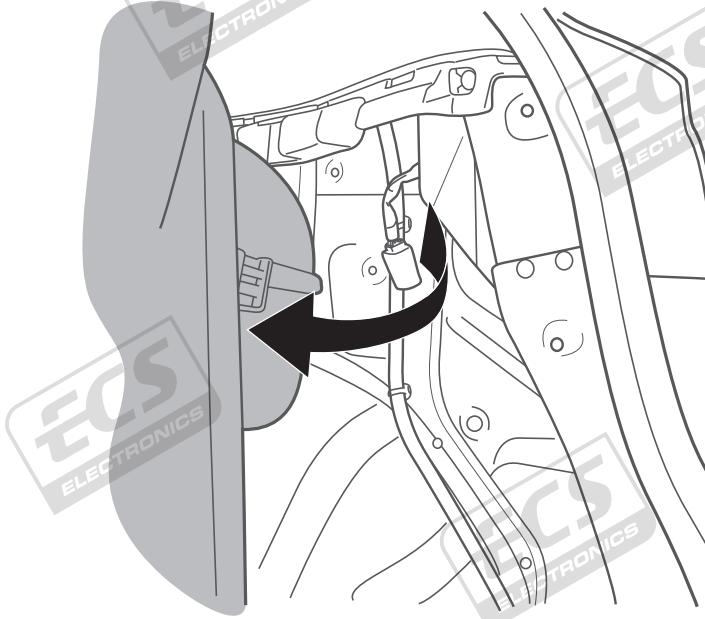
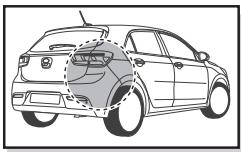
**ROUTING**

1

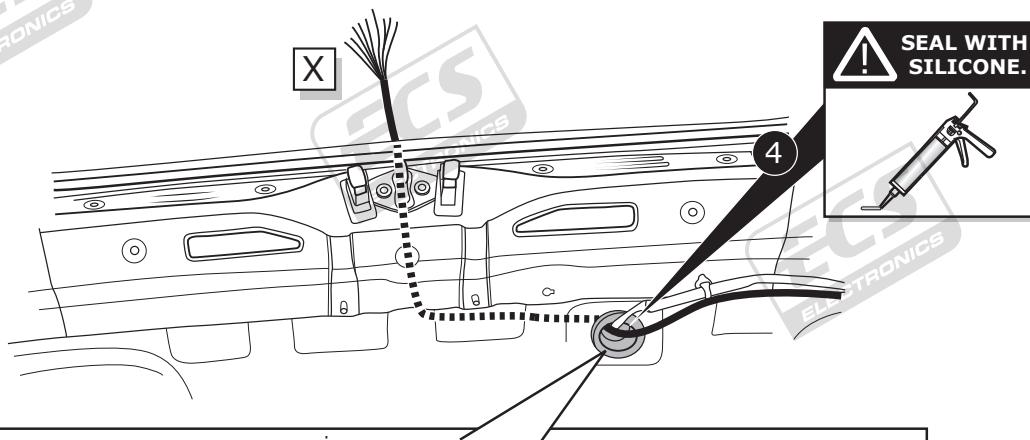
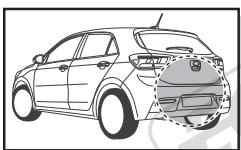


**2****3****4**

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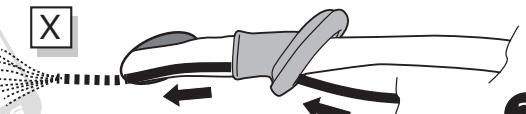
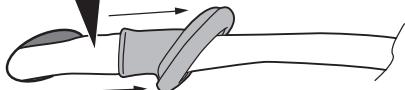


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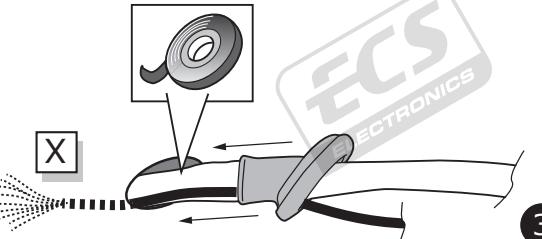


(DE) Klebeband entfernen.	(CZ) Odstraňte pásku.
(FR) Enlevez Ruban adhésif.	(DK) Aftag tapen.
(NL) Tape verwijderen.	(FI) Poista teippi.
(GB) Remove tape.	(GR) Αφαιρέστε την ταινία.
(ES) Retirar la cinta adhesiva.	(NO) Fjern limbåndet.
(IT) Rimuovere il nastro adesivo.	(PL) Zdjąć taśmę.
(SF) Avlägsna klisterbandet.	(SI) Uklonite lepljivu trak.

1



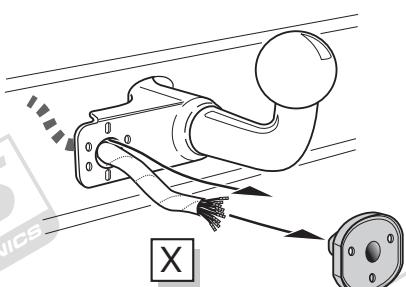
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3

**A**

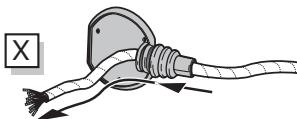
Option 1



Option 2



Option 3

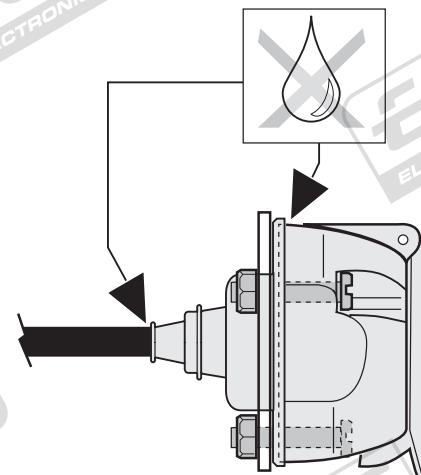
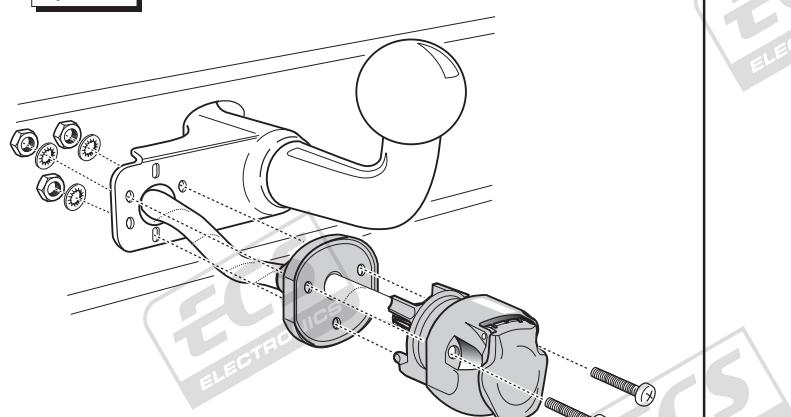
**INFO**

- (DE) Anschluss Steckdose
- (FR) Connection de la prise
- (NL) Contactdoos aansluiting
- (GB) Socket connection
- (ES) Conexión de la caja de enchufe
- (IT) Allaccio zoccolo
- (SE) Anslutning kontaktdos
- (CZ) Objímkový konektor
- (DK) Stikdåse forbindelse
- (FI) Pistorasia liittäntä
- (GR) Υποδοχή σύνδεσης
- (NO) Tilkobling koblingsboks
- (PL) Połączenie przez gniazdo

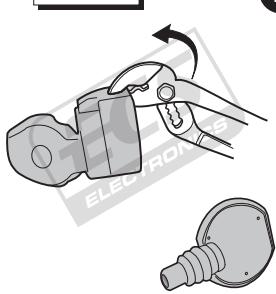
Page 18

**B**

Option 1

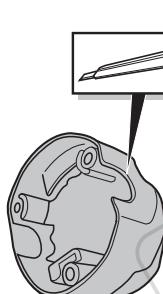
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Option 2



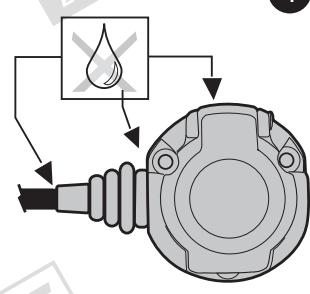
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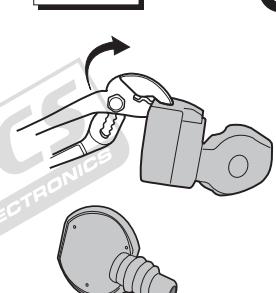


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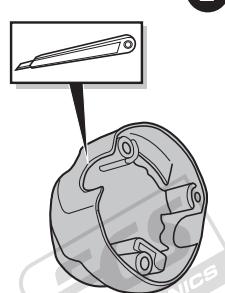
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Option 3



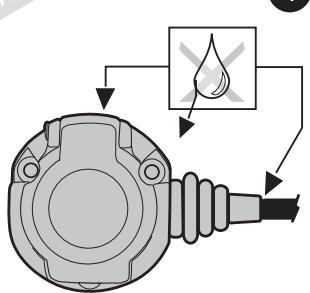
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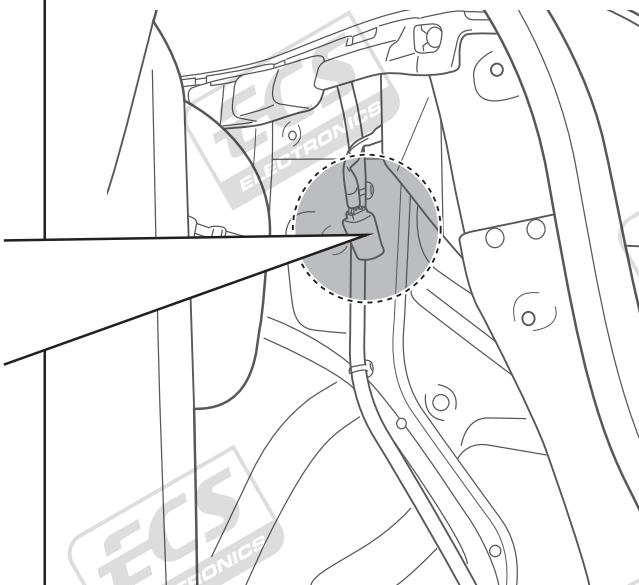
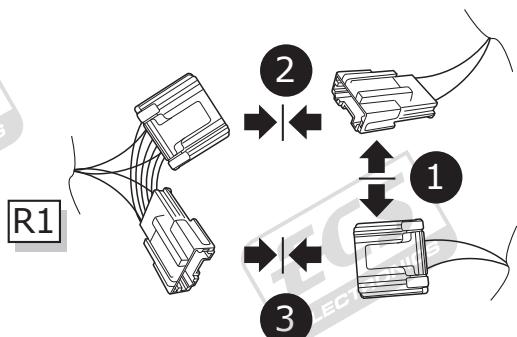
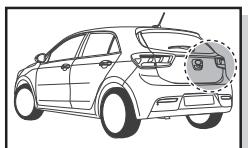


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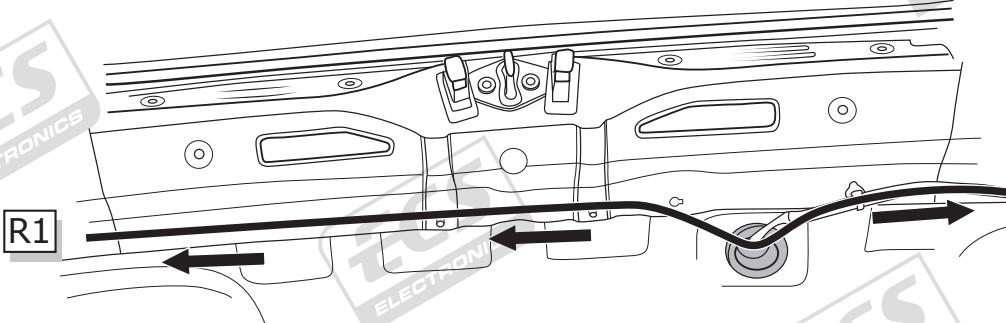
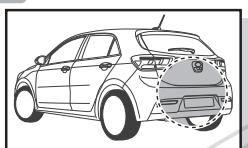
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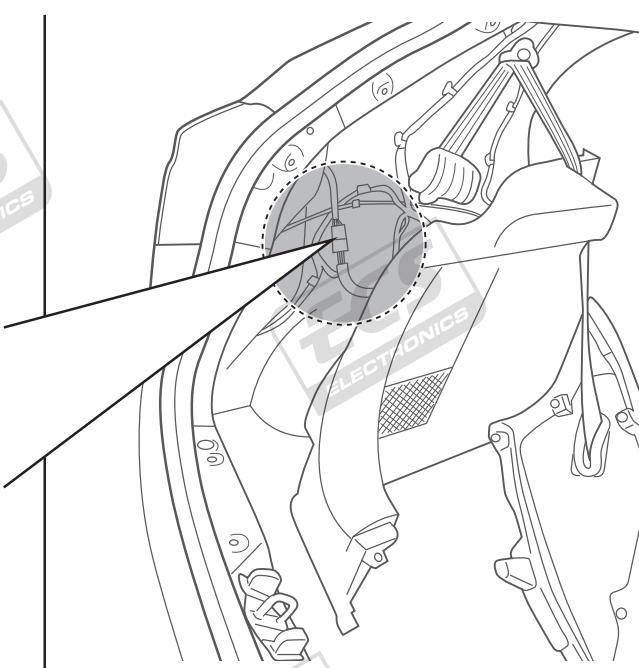
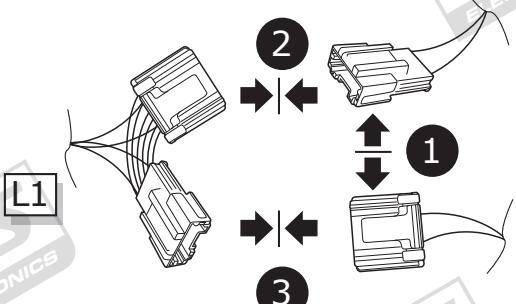
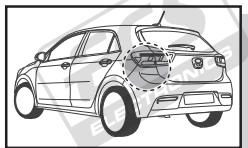
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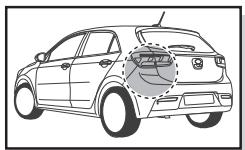
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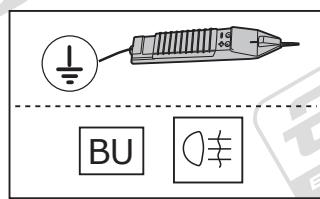
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10



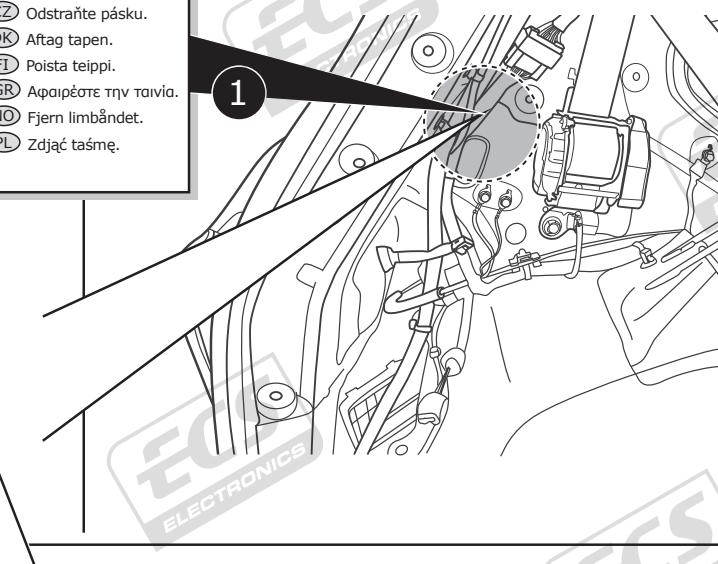
(DE) Klebeband entfernen.	(CZ) Odstraňte pásku.
(FR) Enlevez Ruban adhésif.	(DK) Aftag tapen.
(NL) Tape verwijderen.	(FI) Poista teippi.
(GB) Remove tape.	(GR) Αφαιρέστε την ταινία.
(ES) Retirar la cinta adhesiva.	(NO) Fjern limbåndet.
(IT) Rimuovere il nastro adesivo.	(PL) Zdjąć taśmę.
(SF) Avlägsna klisterbandet.	



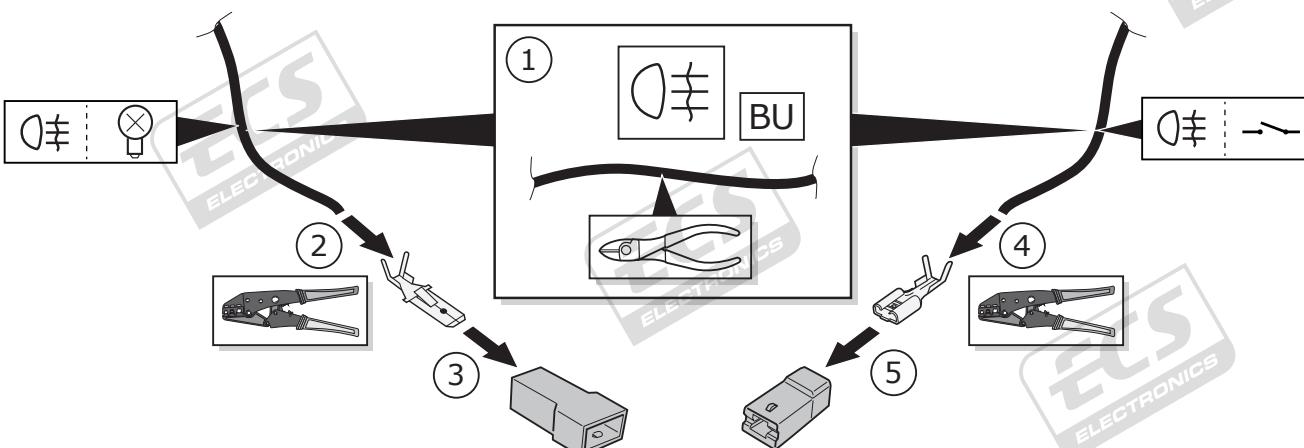
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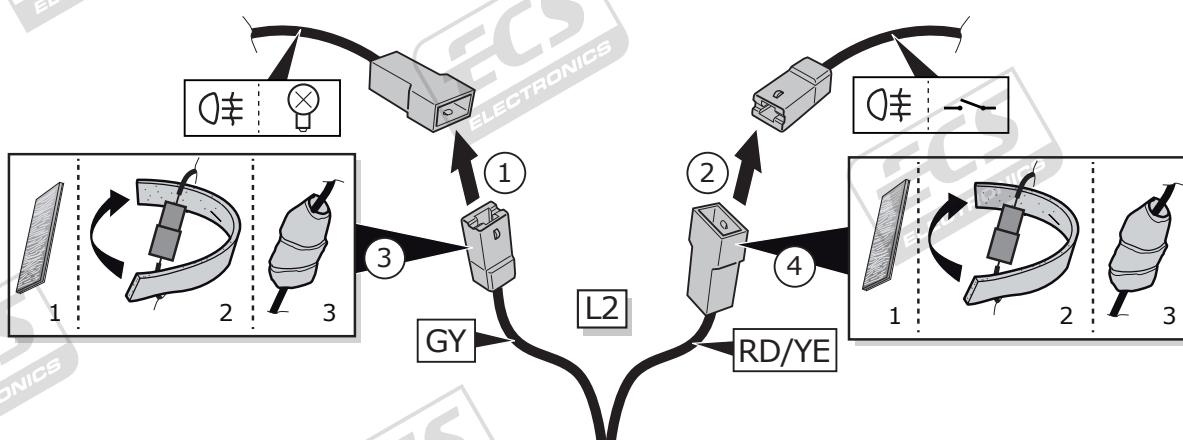
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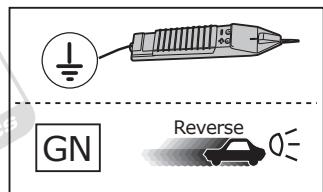
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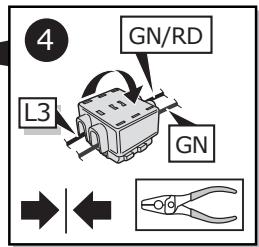
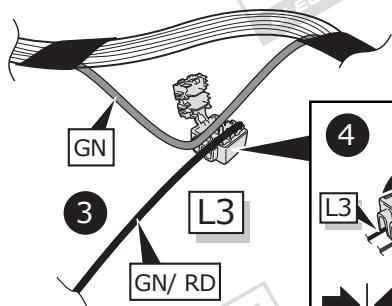
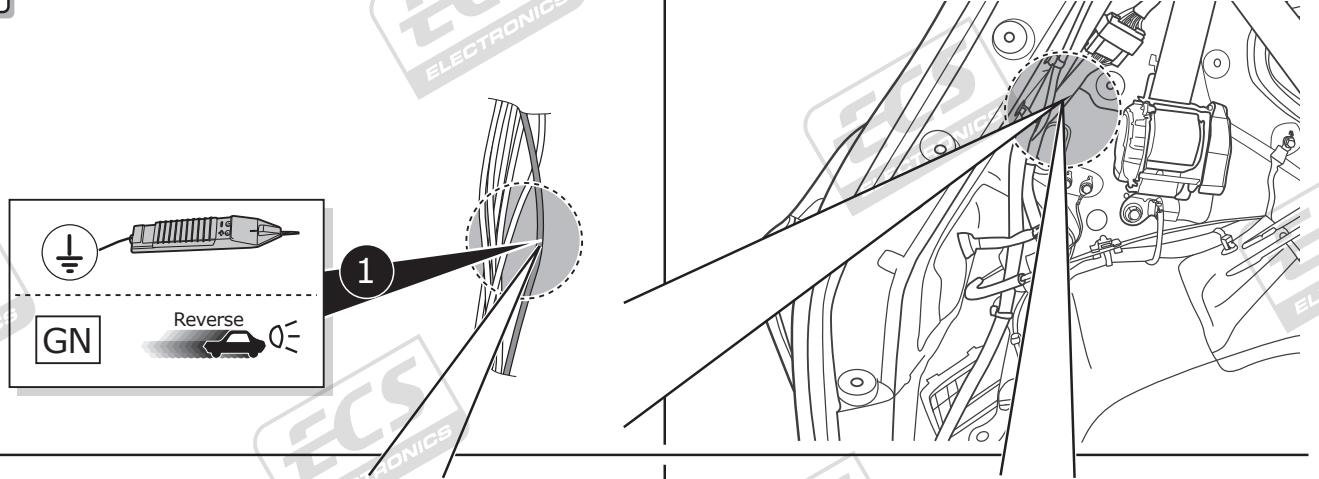
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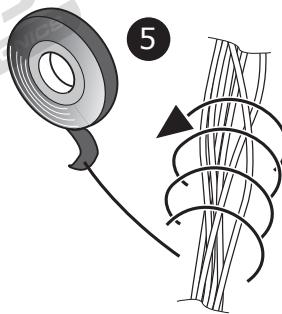
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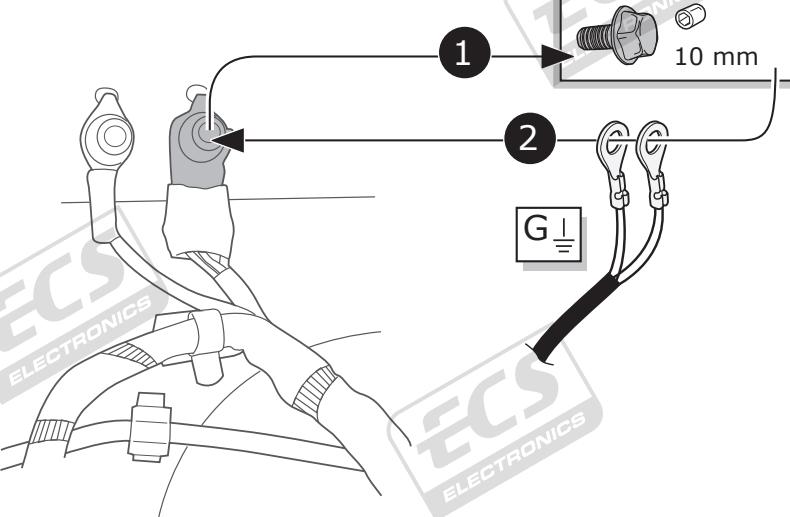
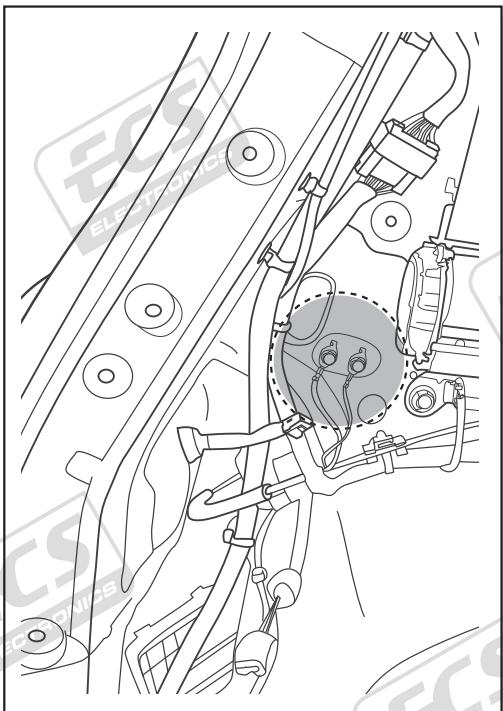
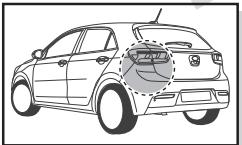
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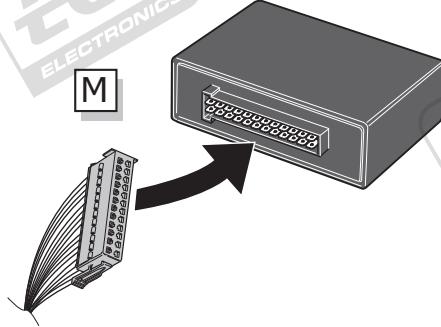
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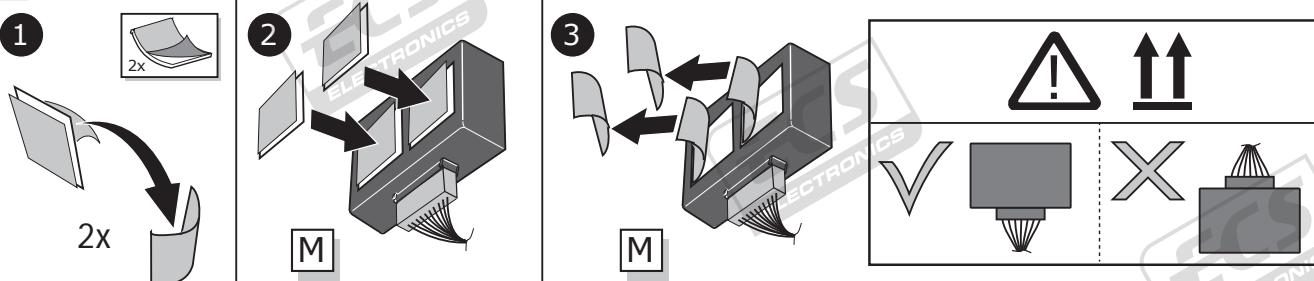
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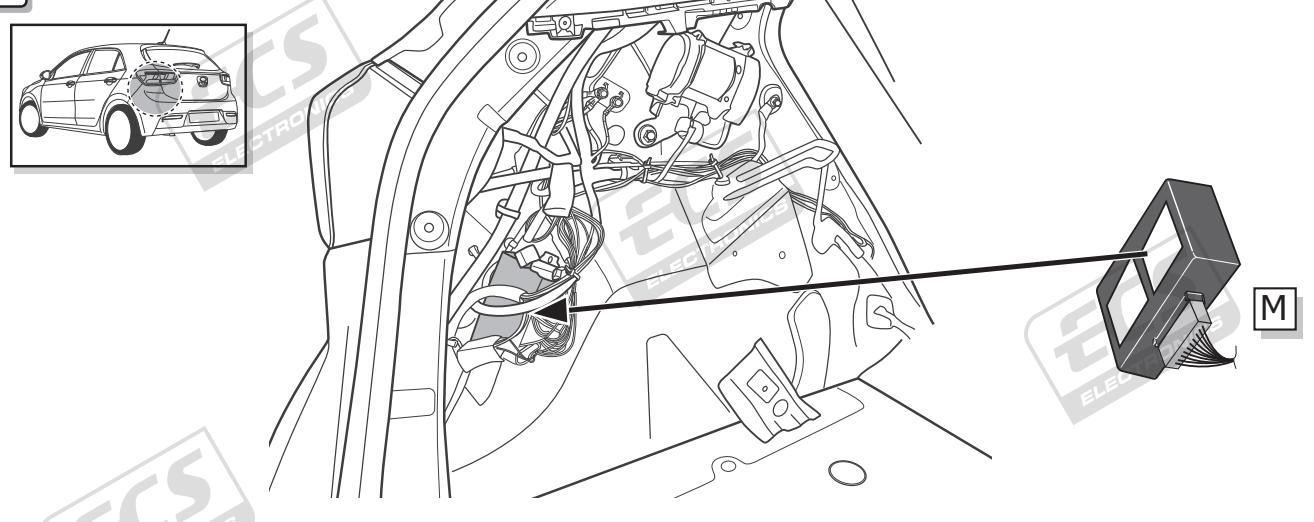
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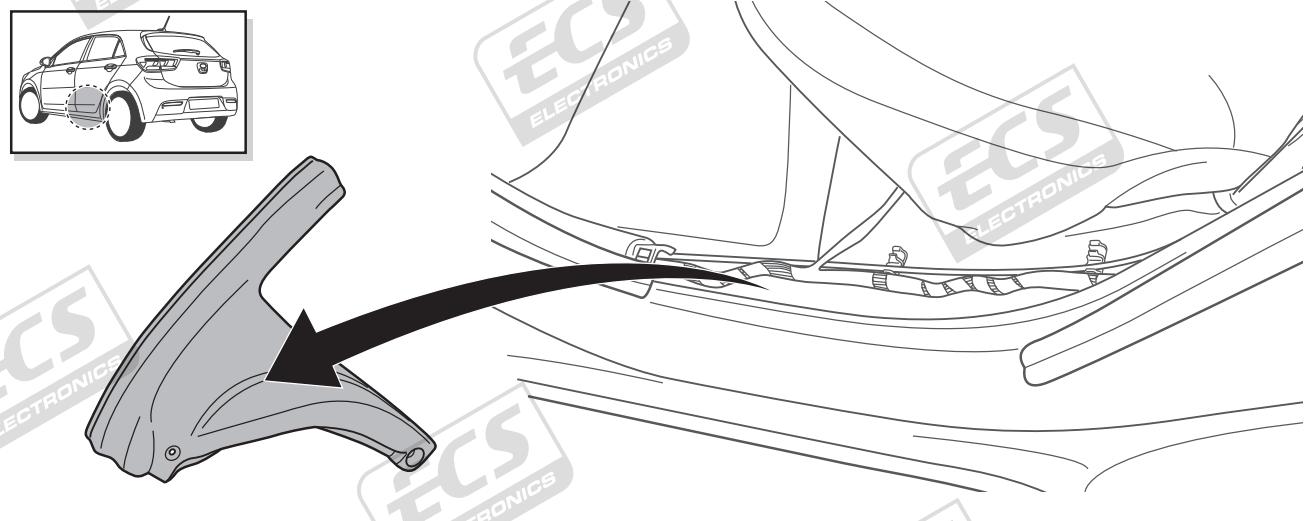
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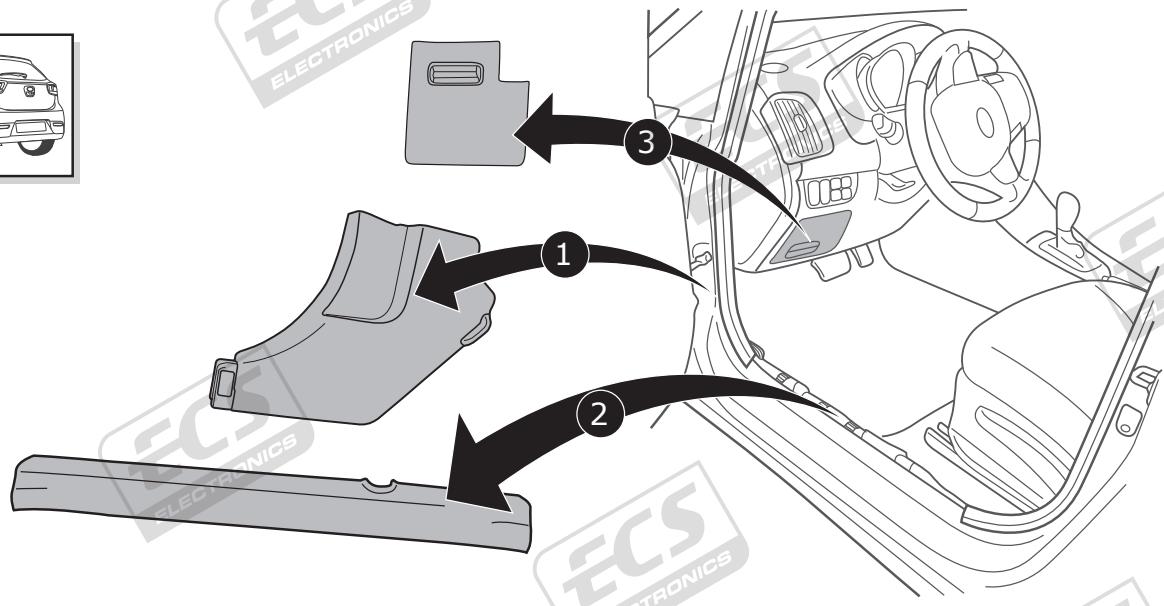
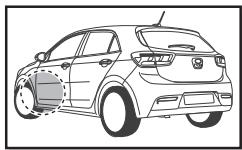
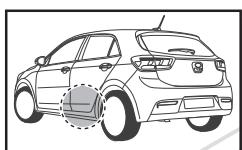


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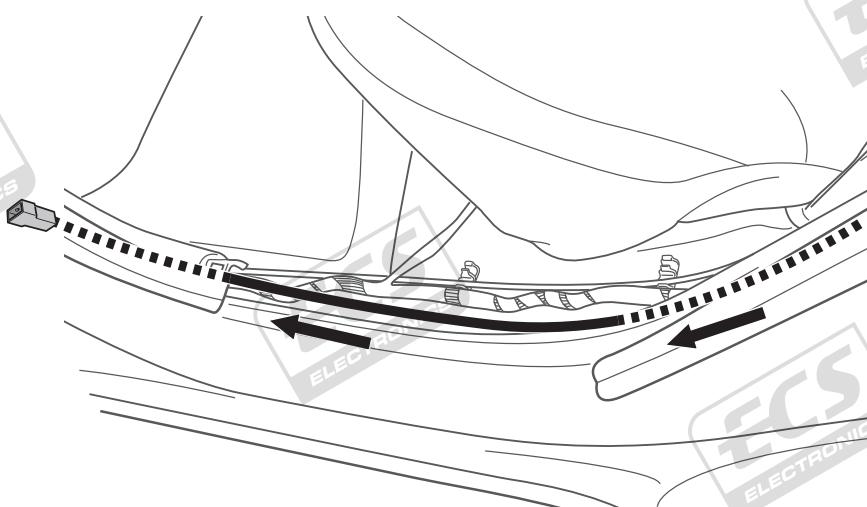
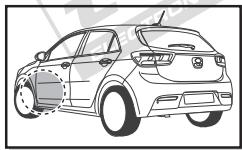


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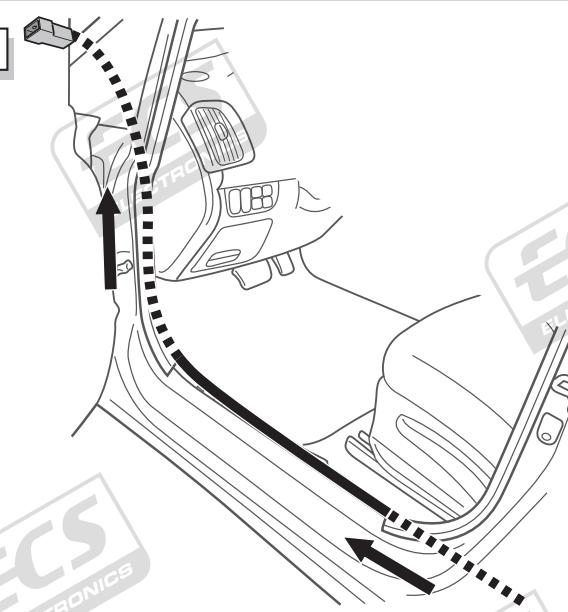


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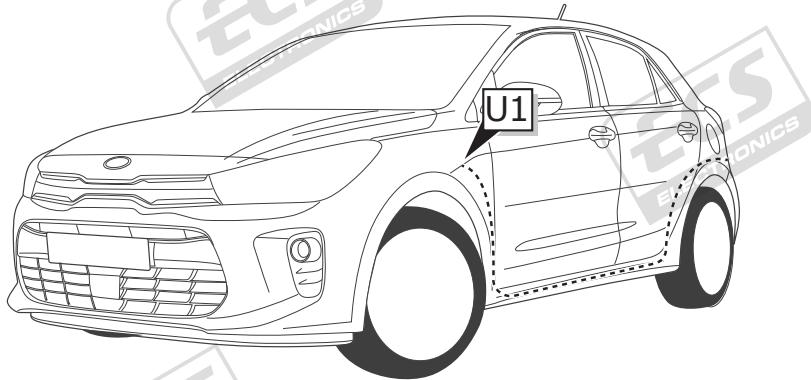
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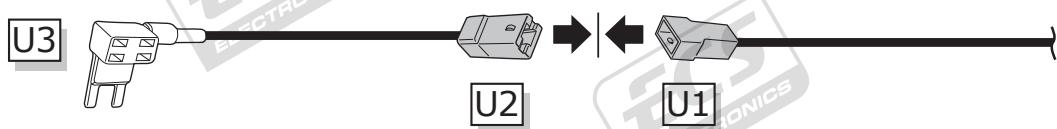
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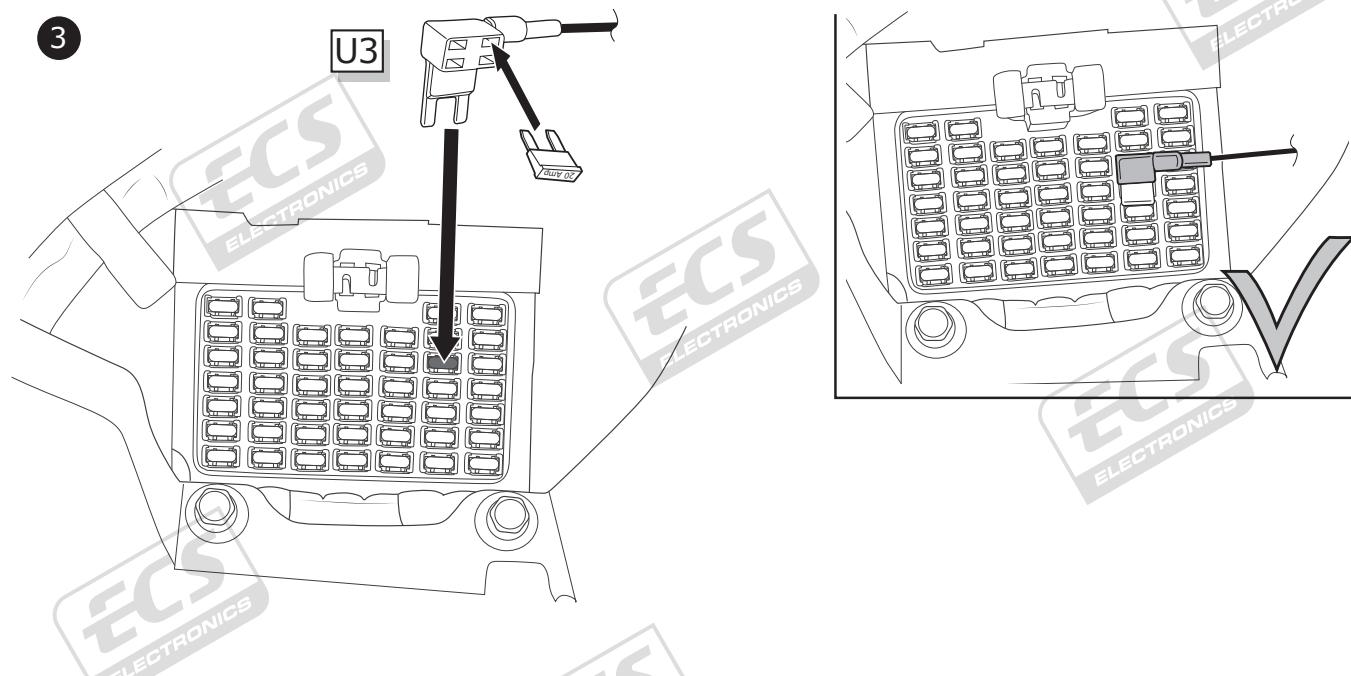
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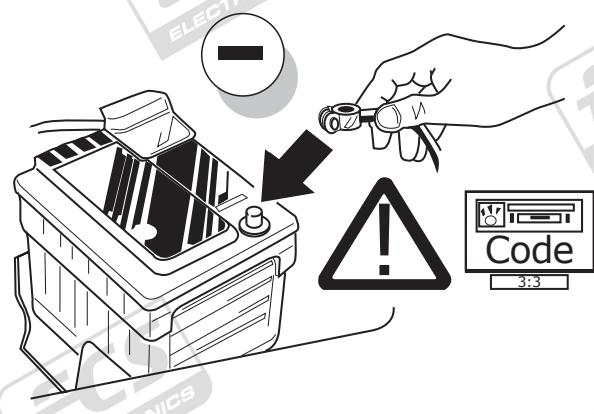
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2



21



- DE** FUNKTIONEN KONTROLIEREN MIT EINEM PRÜFGERÄT MIT WIDERSTAND ODER MIT LEUCHTEN MIT DER GENAUEN WATTZAHL!
- FR** CONTRÔLER LES FONCTIONS AVEC UNE BOÎTE DE TEST AVEC DE LA CHARGE OU DES LAMPES AVEC LA QUANTITÉ CORRECTE DE WATT!
- NL** CONTROLEER FUNCTIES MET EEN TESTER MET BELASTING OF LAMPEN MET DE JUISTE WATTAGE!
- GB** TEST ALL CIRCUIT FUNCTIONS WITH A TESTBOX WITH THE CORRECT POWER LOAD FOR EACH UNIT. A TESTBOX ON WHICH ONLY LEDs ARE USED CAN NOT BE USED IN THIS CASE
- ES** CONTROLAR FUNCIONES CON UN TESTER CON CARGA O LUces CON EL CORRECTO WATTAGE!
- IT** CONTROLLA FUNZIONI CON UN TESTER CON CARICO O LAMPADE DEL GIUSTO WATT-TAGGIO!

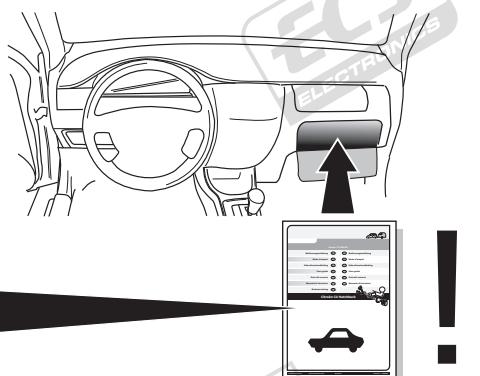
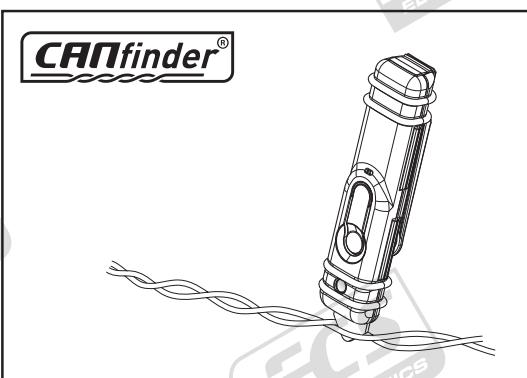
- SE** KONTOLLERA FUNKTIONERNA MED EN TESTARE MED BELASTNING ELLER LAMPOR MED RÄTT WATT-VÄRDE!
- CZ** OVĚŘTE FUNKCE POMOCÍ TESTOVACÍHO BOXU NEBO SVĚTEL S PRÍSLUŠNÝM VÝKONEM!
- DK** CHECK FUNKTIONERNE MED EN TESTBOKS, MED BELASTNING ELLER MED LYGTER MED DET KORREKTE ANTAL WATT!
- FI** TARKISTA TOIMINNOT KÄYTTÄMÄLLÄ TESTILAITE, JOSSA ON OIKEATEHOINEN KUORMITUS TAI OIKEATEHOiset LAMPUT!
- GR** ΕΛΕΓΞΕΤΕ ΤΙΣ ΛΕΙΤΟΥΡΓΙΕΣ ΜΕ ΈΝΑ ΚΙΒΩΤΙΟ ΔΟΚΙΜΗΣ ΜΕ ΦΟΡΤΙΟ Η ΛΑΜΠΤΗΡΕΣ ΣΩΣΤΗΣ ΠΟΣΟΤΗΤΑΣ ΒΑΤ!
- NO** KONTROLER FUNKSJONENE MED EN TESTER MED BELASTNING ELLER LYSPÆRER MED RIKTIG WATTVERDI!
- PL** SPRAWDŹ FUNKCJE UŻYWAJĄC SKRZYNI TESTOWEJ Z OBCIĄŻENIEM LUB PODŁĄCZONYMI ŻARÓWKAMI O ODPOWIEDNIEJ MOCY!

**INFO**

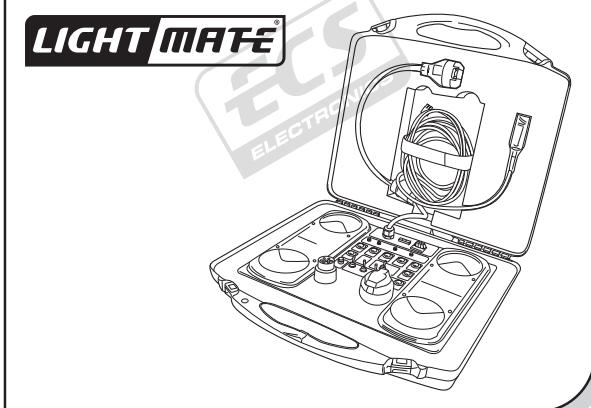
- DE** Einzelteile wieder einbauen  
**FR** Remonter les pièces démontées  
**NL** Terug plaatsen onderdelen  
**GB** Reinstall linings  
**ES** Reinstalar componentes  
**IT** Rimetti a posto componenti  
**SE** Sätt tillbaka delar

- CZ** Znovu zasuňte obložení  
**DK** Påsæt beklædningen  
**FI** Asenna verhoilut takaisin  
**GR** Τοποθετήστε ξανά τις επενδύσεις  
**NO** Sett tilbake deler  
**PL** Założyć wykładzinę

- DE** Gebrauchsanleitung.  
**FR** Mode d'emploi.  
**NL** Gebruikershandleiding.  
**GB** User guide.  
**ES** Guía del usuario.  
**IT** Manuale di istruzioni.  
**SE** Bruksanvisning.  
**CZ** Uživatelská příručka.  
**DK** Brugervejledning.  
**FI** Käyttöohjeet.  
**GR** Οδηγός χρήστη.  
**NO** Brukerveiledning.  
**PL** Instrukcja obsługi.

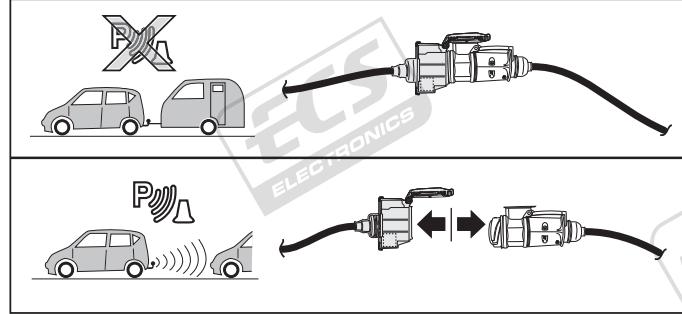
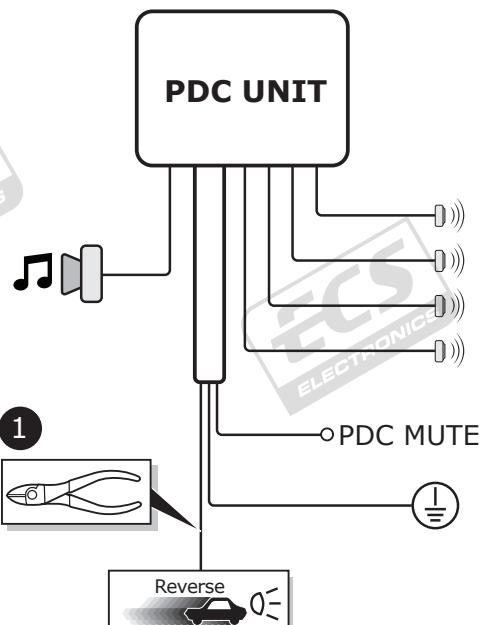
**INFO****Products & Service**

[http://www.ecs-electronics.nl/NL/catalogus/test\\_gereedschap](http://www.ecs-electronics.nl/NL/catalogus/test_gereedschap)

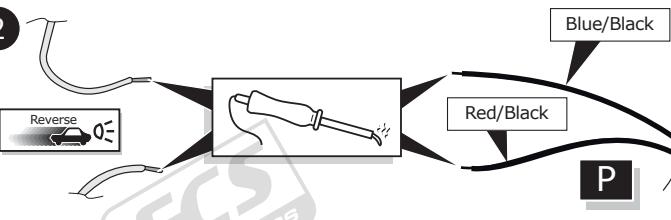
**LIGHT MATE®**

24

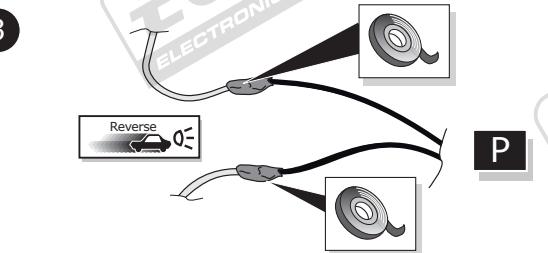
## OPTIONAL PDC cut-off



2

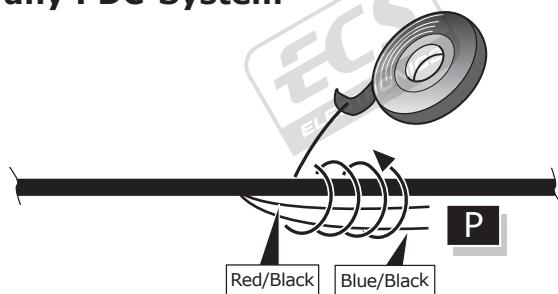


3

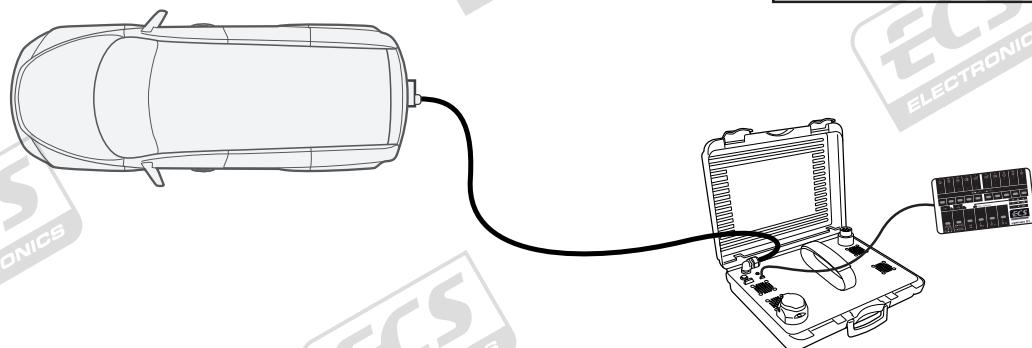
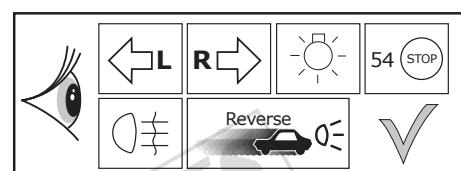


25

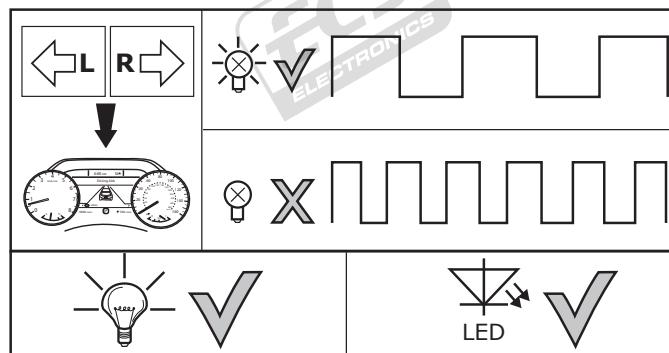
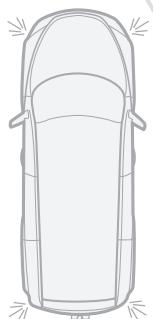
## Vehicles without any PDC-System



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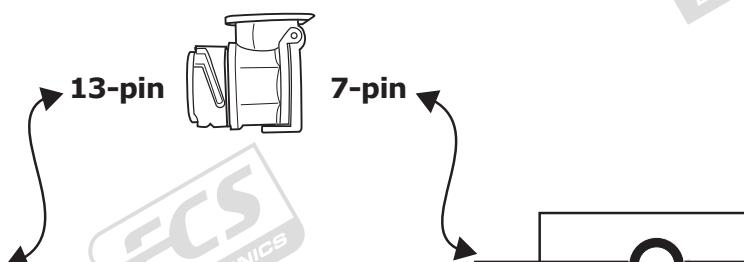
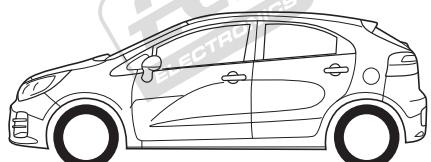
27



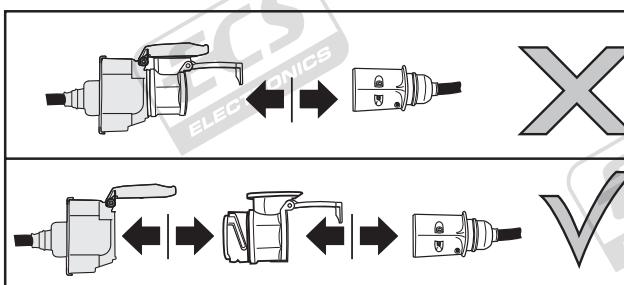
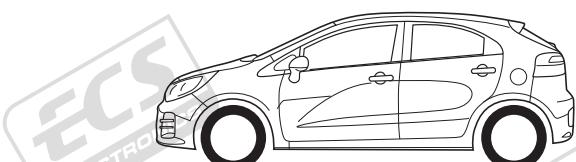
28

**Optional**

**Adapter socket**

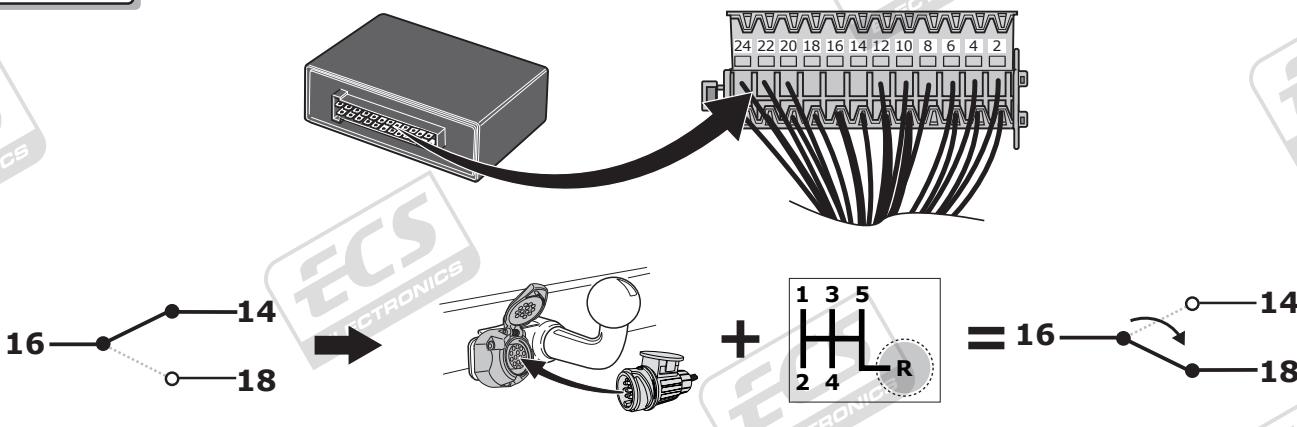


29

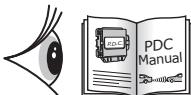


# AUTO PARK-SENSOR SWITCH-OFF FUNCTION WITH THE 5C040 ECU.

## FUNCTION



## INFO



Lokaliseer de computer van het parkeersensoren-systeem (**PDC**) in the auto.

**OPTIE 1** Onderbreek de draad op één van de locaties A t/m G en controleer na het onderbreken van de draad of het geen storingsmeldingen geeft aan het PDC-systeem of de auto. Indien het een storing veroorzaakt kies dan voor een andere locatie. Sluit de ECS trekhak-bekabeling-set aan zoals aangegeven bij optie 1. Bij deze aansluiting zal het ECS systeems de betreffende draad onderbreken indien het PDC-systeem uitschakelt moet worden, en doorverbonden zijn indien het PDC systeem gewoon moet werken. Indien het gemonteerde PDC-systeem ook parkeersensoren aan de voorkant van het voertuig heeft, kies dan alleen locatie F of G, zodat de sensoren aan de voorkant niet uitgeschakeld worden.

**NL**  
**OPTIE 2** Het PDC-systeem heeft een specifieke signaaldraad (**MUTE**): Controleer in de handleiding van het PDC-systeem wat voor signaal het PDC-systeem nodig heeft om deze uit te schakelen. Sluit de **MUTE**-draad aan op positie 16 van de stekker van de ECS set en verbind pen 14 en 18 overeenkomstig het benodigd signaal als aangegeven in de handleiding van het PDC-systeem. **Wees voorzichtig**, een verkeerde aansluiting kan ernstige schade aanbrengen aan het PDC-systeem.

Controleer altijd vooraf en na het aansluiten de juiste werking van het PDC systeem en het voertuig op foutmeldingen.

Locate the **PDC** (Parking Sensor) Module in the Vehicle.

**OPTION 1** When the PDC-system has no specific **MUTE** wire: Locate and cut the wire at **ONE** of the locations A-G and connect to the **ECS Towbar Wiring Kit** as shown in Option 1. Always check if cutting the wire at the selected location does not create any errors in the PDC-system or the vehicle, if so, then select another location. In this case the cut wire is connected and the system operates normally. When the trailer is connected. This wire becomes disconnected by the Trailer Module. If the same module also controls the Front Sensors then use only locations F or G to prevent the front sensors switching off.

**OPTION 2** When the PDC-system has a specific **MUTE** wire: Check in the manual of the PDC-sysstem which input the PDC module requires to switch off the system (+12v **or** Earth trigger). Then connect the Trigger wire of the PDC system to pin 16 of the ECS connector, and connect the required feed (+12v **or** Earth) to pin 14 and 18.

**Be careful** as connecting the wrong feed can cause damage to the PDC-system.

Always check Before and After installation the PDC System is working correctly, and where possible any error codes

Localiser l'ordinateur du radar de recul (**PDC**) dans le véhicule.

**OPTION 1** Interrompre **l'un** des fils située sur la prise de A jusqu'à /y compris G et contrôlé après avoir interrompu le fil si aucun défaut n'apparaît sur le système de radar de recul ou sur le véhicule. Si un défaut apparaît choisissez une autre position. Brancher **le faisceau de câblages ECS** comme indiquer avec l'option 1. Avec ce branchement ECS, va être interrompu le fil concernant si le système du radar de recul doit être désactiver, et connecter si le système de feu de recul doit simplement fonctionner. Si le système de feu de recul est aussi monter à l'avant du véhicule, choisir alors seulement les localisations F et G, de sorte que le radar à l'avant ne soit pas désactivé.

**OPTION 2** Si le radar de recul (**PDC**) a un fil spécifique (**MUTE**) :Controler dans le mode d'emploi du système de feu de recul (PDC) quel signal est nécessaire pour désactiver celui ci. Brancher le fil **MUTE** sur la position 16 de la prise du set ECS et connecter branchement 14 avec 18 selon le signal indiqué dans le mode d'emploi du système de radar de recul. **Soyez prudent**, un mauvais branchement peut détériorer le système de feu de recul.

Controler toujours après le bon fonctionnement du système de feu de recul et si aucun default apparaît sur le véhicule.

Suchen Sie im Auto das Steuergerät der Einparkhilfe (EPH).

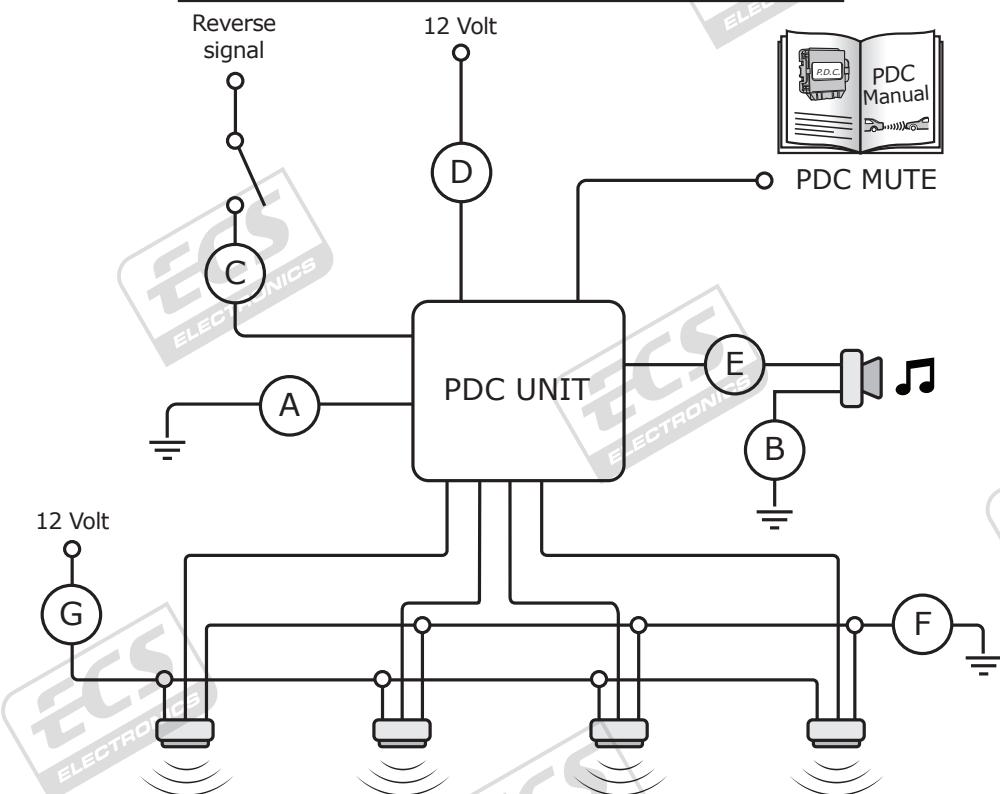
**OPTION 1** Durchtrennen Sie den Draht an **einer** der Stellen von A bis G und schließen Sie den **ECS-Elektrosatz** wie in Option 1 angegeben an. Falls Sie eine Fehlermeldung erhalten, wählen Sie eine andere Position. Bei dieser Einstellung wird das ECS-System den betreffenden Draht unterbrechen, wenn das EPH abgeschaltet werden muss. Falls das montierte EPH-System auch Parksensoren an der Vorderseite des Fahrzeugs hat, wählen Sie Position F oder G, damit die Sensoren an der Vorderseite nicht abgeschaltet werden.

**OPTION 2** Das EPH hat einen eindeutigen Signaldraht (**MUTE**). Prüfen Sie in der Montageanleitung des EPH-Systems, welches Signal benötigt wird um es abzuschalten. Schließen Sie den **MUTE**-Draht an die offene Position 16 des ECS-Steckers an und verbinden Sie Pin14 und 18 mit dem geforderten Signal aus der EPH-Montageanleitung. **Vorsicht**, ein falscher Anschluss kann ernste Beschädigungen am EPH-System verursachen.

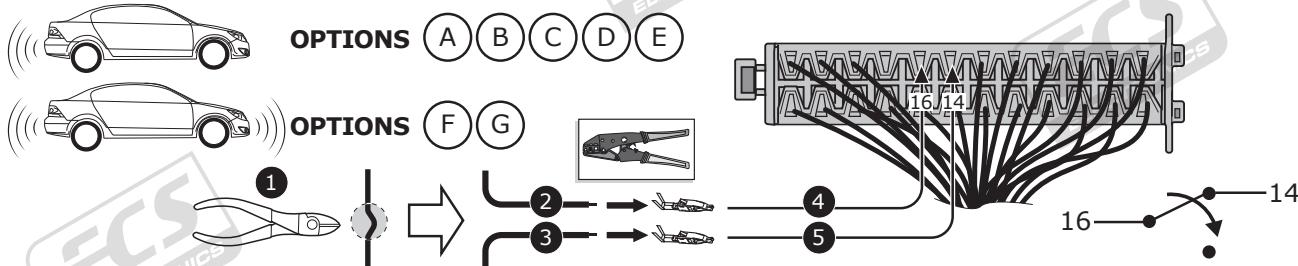
Prüfen Sie nach der Montage die korrekte Funktion des EPH-Systems und das Fahrzeug auf Fehlermeldungen.

# AUTO PARK-SENSOR SWITCH-OFF FUNCTION WITH THE 5C040 ECU.

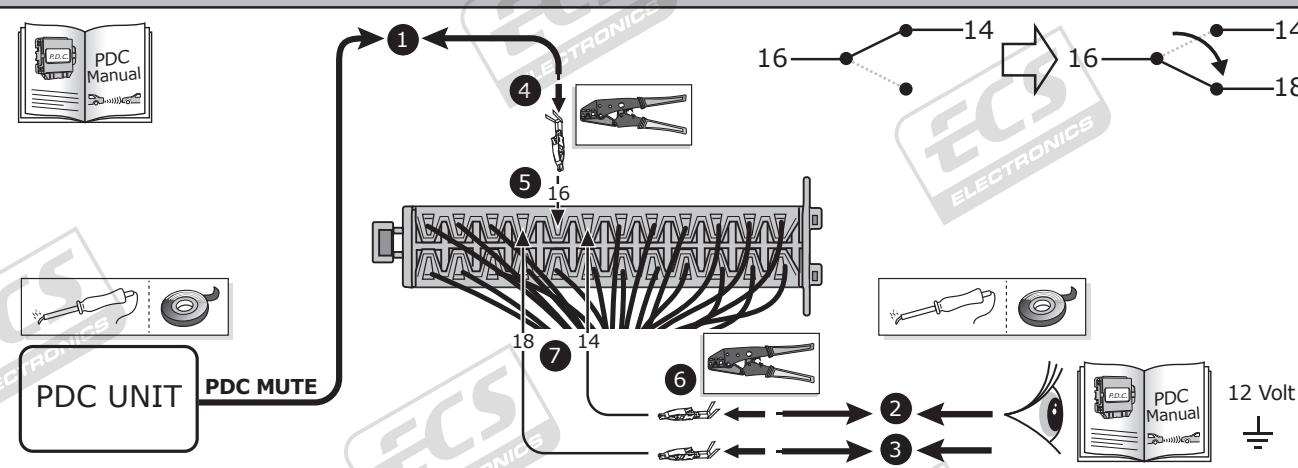
## AFTER MARKET / NON-OE PARKSENSOR-SYSTEM



## OPTION 1, NO PDC MUTE



## OPTION 2, PDC MUTE



## INFO

- (DE) Anschluss Steckdose
- (FR) Connection de la prise
- (NL) Contactdoos aansluiting
- (SE) Anslutning kontaktdos
- (GB) Socket connection

- (ES) Conexión de la caja de enchufe
- (IT) Allaccio zoccolo
- (NL) Contactdoos aansluiting
- (SE) Anslutning kontaktdos
- (GB) Socket connection

- (GR) Υνοδοκόη σύνδεσης
- (NO) Tilkobling kobilingsboks
- (PL) Połączenie przez gniazdo

DIN/ISO 11446	Pmax 21W	1/L	2	3/31	4/R	5/58-R	6/54	3x21W	52W	7/58-L	8	Reverse 0-	30+ 5x20W	15P 5x20W	180W/15Amp.	180W/15Amp.	10	11	12	13	<u>9</u>
(DE)	Gelb	Blau	Weiß	Grün	Braun	Rot	Schwarz	Rosa	Orange	Rose	Orange	Gris	Grau	Weiß/ Schwarz	-	-	Weiß/ Rot				
(FR)	Jaune	Bleu	Blanc	Vert	Marron	Rouge	Noir	Rood	Zwart	Roze	Oranje	Grijs	Wit/ zwart	-	-	Blanc/ Rouge					
(NL)	Geel	Blauw	Wit	Groen	Bruin	Rood	Red	Black	Pink	Orange	Grey	White/ Black	-	-	Wit/ Rood						
(GB)	Yellow	Blue	White	Green	Brown	Red	Black	Negro	Rosa	Naranja	Gris	Blanco/ Negro	-	-	White/ Red						
(ES)	Amarillo	Azul	Verde	Marrón	Rojo	Rosso	Nero	Rosa	Arancione	Grigio	Nero	Blanco/ Nero	-	-	Blanco/ Rojo						
(IT)	Giallo	Blu	Bianco	Verde	Marrone	Rosso	Nero	Rosa	Orange	Grå	Svart	Vit/ Svart	-	-	Vit/ Röd						
(SE)	Gul	Blå	Vit	Grön	Brun	Röd	Svart	Hnědá	Červená	Růžová	Oranžová	Bla/ Černá	-	-	Blá/ Červená						
(CZ)	Žlutá	Modrá	Bílá	Zelená	Brun	Röd	Svart	Pink	Orange	Grå	Sort	Hvit/ Sort	-	-	Hvit/ Röd						
(DK)	Gul	Blå	Hvid	Grøn	Ruskea	Punainen	Musta	Väaleanpunainen	Oranssi	Harmaa	Valkoinen/ Musta	-	-	Valkoinen/ Musta							
(FI)	Keltainen	Sininen	Valkoinen	Vihreä	Korkevo	Maipo	Poč	Portokal	Tkri	Grå	Sort	-	-	Valkoinen/ Musta							
(GR)	Kírpiro	Mήλαξ	Λευκό	Πράσινο	Brun	Röd	Svart	Rosa	Oransje	Grå	Hvit/ Svart	-	-	Leukó/ Kíkívo							
(NO)	Gul	Blå	Hvit	Grønn	Zielony	Czarny	Różowy	Czerwony	Różowy	Szary	Biały/ Czarny	-	-	Hvit/ Röd							
(PL)	Żółty	Niebieski	Biały	Zielony	Brażowy	Czarny								Biały/ Czarny							