

Montážní návod

(Montážny návod, Fitting instruction, Montageanleitung,
Istruzioni di montaggio, Monteringshandledning,
Asennusohje, Instruction de montage,
Montegehandleiding, Инструкция по установке)



Elektropřípojka

Hyundai i20 02/2015->08/2020

Elektropřípojka
Wiring kit
Trekhaakkabelset
E-satz
Faisceau D'attelage
Barra de remolque
Wiązka elektryczna
Vetokoukun vaijerisarja
Гачковий джгут



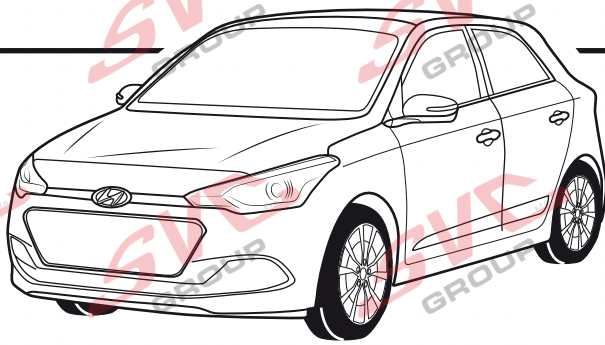
výrobce / dodavatel
SVC Group s.r.o.

Odkaz na produkt:

<https://www.svcgroup.cz/tazne-zarizeni-sro-uby-pevny-skoda-rapid-monte-carlo-10-2012-2018-p7283-v960>

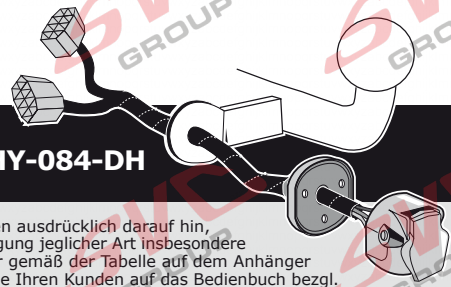


www.svcgroup.cz



Hyundai I20 2015 >> 5 doors & 3 doors LHD & RHD

Partnr.: HY-084-DH



- DE** • Einbauanleitung Elektrosatz Anhängervorrichtung mit 13-P Steckdose lt. DIN/ISO Norm 11446. • Wir weisen ausdrücklich darauf hin, dass eine unsachgemäße und nicht in einer Fachwerkstatt durchgeführte Montage einen Verzicht auf Entschädigung jeglicher Art insbesondere bezüglich des Produkthaftpflichtrechts zur Folge hat. • Technische Änderungen vorbehalten. • Widerstand nur gemäß der Tabelle auf dem Anhänger verwenden. • Achtung! Bitte lesen Sie vorab diese Anleitung, nehmen Sie diese zur Kenntnis und verweisen Sie Ihren Kunden auf das Bedienbuch bezgl. der eventuell zu treffenden Maßnahmen zum ziehen eines Anhängers. • Bei Funktionsproblemen ist die Fehlersuche auf ca. 0,5 Stunden zu begrenzen, kontaktieren Sie die ECS Technical Support: ts@ecs-electronics.nl / 00800 22552327
- FR** • Instructions de montage du faisceau électrique pour crochet d'attelage conforme à la norme DIN/ISO 11446 prise 13-P. • Il est expressément prévu qu'il ne saurait se prévaloir d'un quelconque préjudice contractuel ou réhibitoire si le montage avait été fait en dépit des dites instructions ou dans un garage ne disposant pas des équipements adéquats. • Sous réserve de modifications techniques. • Ne excédez pas la charge maximale, indiquée dans le tableau. • Attention! Avant de commencer le branchement, on vous prie de prendre compte des connections à faire dans la notice, ainsi que communiquer directement à votre client les mesures à prendre pour tirer une remorque. • S'il y a des problèmes de fonctionnement, limiter la recherche de défauts à env. 30 minutes et contacter ECS l'Aide en ligne: ts@ecs-electronics.nl / 00800 22 55 23 27.
- NL** • Montage-handleiding elektrokabelset voor trekhaak met 13-P contactdoos vlg. DIN/ISO norm 11446. • Wij wijzen er met nadruk op, dat ondeskundige en niet door een vakkundige werkplaats uitgevoerde montage tot gevolg heeft dat daardoor ieder recht op schadevergoeding, ook op wettelijke aansprakelijkheid inzake producten, vervalt. • Technische wijzigingen voorbehouden. • Gebruik alleen belasting volgens aansluittabel op het getrokken voertuig. • Opgelet! Wij verzoeken U dringend vooraf deze instructie door te nemen, hiervan kennis te nemen en uw cliënt te verwijzen naar het instructieboekje betreffende de eventueel te nemen maatregelen voor het trekken van een aanhangwagen. • Bij werkingsproblemen moet de foutencontrole tot ca. 0,5 uur beperkt worden, neem contact op met de ECS Technical Support: ts@ecs-electronics.nl / 00800 22 55 23 27.
- GB** • 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 result in 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 ECS Technical Support: ts@ecs-electronics.nl / 00800 22 55 23 27.
- ES** • Instrucciones de montaje de kit eléctrico para enganche de remolque con caja de conexiones 13-P según norma DIN/ISO 11446. • El montaje inapropiado y efectuado por personal no cualificado originará la pérdida de todo derecho a indemnización o la expiración de toda responsabilidad civil con respecto al producto. • Nos reservamos el derecho a efectuar modificaciones técnicas. • Utilice sólo cargas de acuerdo a la tabla de conexión del vehículo remolcado. • Atención: lea atentamente este manual antes de la instalación e informe al cliente que debe consultar el manual de usuario del vehículo para conocer cualquier modificación realizada. • En caso de tener problemas con su funcionamiento, la búsqueda de errores está limitada a aprox. 0,5 horas, por lo que le recomendamos ponerse en contacto con el servicio de atención telefónica: ts@ecs-electronics.nl / 00800 22 55 23 27.
- IT** • Istruzioni di montaggio di set di cavi elettrici per gancio da traino con zoccolo a 13-P conforme alla norma DIN/ISO 11446. • Sottolineiamo espressamente che un montaggio inadeguato ed eseguito da un'officina non specializzata ha come conseguenza il decadere di qualsiasi diritto al risarcimento danni, nonché alla responsabilità legale relativa ai prodotti. • Ci si riserva il diritto di apportare modifiche tecniche. • Utilizzare esclusivamente un carico conforme alla tabella degli allacci relativa al veicolo in questione. • Attenzione! Vi invitiamo a leggere attentamente questo manuale e a invitare a vostra volta i clienti a leggere il manuale del conducente sulle eventuali misure da prendere per l'attacco di un rimorchio. • In caso di problemi di funzionamento, la ricerca di errori dovrebbe essere limitata a circa 0,5 ore. Contattare il centralino di assistenza per i fasci di cavi: ts@ecs-electronics.nl / 00800 22 55 23 27.
- SE** • Monteringsanvisningar elkabelsats för dragkrok med 13-P kontaktbox enligt DIN/ISO norm 11446. • Vi påpekar med eftertryck att all rätt till skadeersättning och all laglig ansvarighet förfaller om monteringen inte har utförts på rätt sätt och av en professionell verkstad. • Tekniska ändringar förbehålles. • Använd endast belastning enligt anslutningstabellen på det dragna fordonet. • Varning! Innan installation, läs den här handboken noga och informera din kund om att läsa fordonets användarhandbok för att undersöka vilka eventuella ändringar som behöver göras på fordonet. • Vid funktionsproblem ska felsökningen begränsas till ca 0,5 timme, kontakta reservdelshjälpen ts@ecs-electronics.nl / 00800 22 55 23 27.
- CZ** • Montážní pokyny: souprava pro elektrické propojení tažné tyče s 13-P zásuvkou do normy DIN/ISO 11446. • Výslovně zdůrazňujeme, že jakákoli montáž, která není provedena ve specializované dílně, má za následek odvolání nároku na kompenzaci jakéhokoli druhu, obzvláště vyplývajících ze zákona o odpovědnosti za způsobené škody. • Změny mohou být provedeny bez oznámení. • Používejte pouze při maximálním nabití podle tabulky na taženém vozidle. • Upozornění! Prosíme, abyste si nejprve přečetli tyto instrukce, seznámili se s nimi a odkázali své zákazníky na příručku týkající se případných opatření, která musí být přijata pro tažení přívěsu. • Při problémech funkčnosti je třeba vyhledávání chyb omezit na cca 0,5 hodiny, kontaktujte ECS Technical Support: ts@ecs-electronics.nl / 00800 22 55 23 27.
- DK** • Monteringsvejledninger for det elektriske ledningsforingsæt for trækstang med 13-P stikdåse, DIN/ISO, norm 11446. • Vi ønsker at gøre udtrykkeligt opmærksom på atforkert samling, der ikke er udført af et specialiseret værksted, resulterer i bortfaldelse af kompenseringskrav af alle slags, i særdeles krav der måtte opstå omkring det lovlige ansvar. • Kan ændres uden varsel. • Brug kun den maksimale belastning, i overensstemmelse med forbindelsesetabellen for bugserede køretøjer. • OBS! For installation skal denne vejledning læses omhyggeligt og din kunde skal informeres om at kigge i køretøjets håndbog for at kontrollere om der skal laves eventuelle ændringer på køretøjet inden bugsering. • Ved funktionsproblemer skal fejlsøgningen begrænses til ca. 0,5 time, kontakt ECS Technical Support: ts@ecs-electronics.nl / 00800 22 55 23 27.
- FI** • Ohjeet vetokoukun sähkökaapelisarjan asentamiseen, jossa on DIN/ISO 11446 mukainen 13-P liitin. • Korostamme, että kaikki oikeudet vahinkokorvaukseen kuten myös valmistajan laillinen vastuu raukeavat, mikäli asennusta ei ole toteutettu oikealla tavalla eikä ammattitaitoisen asiantuntijan toimesta. • Oikeus teknisiin muutoksiin ilman erillistä huomautusta pidätetään. • Huomio! Lue tämä käyttöopas huolellisesti ennen asennusta ja tiedota asiakkaita tarkistamaan kaikki ajoneuvon muutoksen ajoneuvon omistajan käyttöoppaas ennen hinaususta. • Kuormita työvirtapiiriä ainoastaan hinattavan ajoneuvon kytkentäkaavin mukaisesti. • Virrehaku on rajoitettava toiminto-ongelmien esiintyessä noin 0,5 tuntiin, ota yhteys ECS Technical Support: ts@ecs-electronics.nl / 00800 22 55 23 27.
- GR** • Οδηγίες συναρμολόγησης ηλεκτρικού σετ καλωδίων μπόρας ρυμούλκησης με υποδοχή 13-P μέχρι DIN/ISO Κανόνας 11446. • Επισημαίνουμε κατηγορηματικά ότι οποιαδήποτε ασφαλή συναρμολόγηση, η οποία δεν έχει πραγματοποιηθεί ειδικό εργαστήριο θα οδηγήσει σε αποποίηση των αξιόφωνων επιβολών αποζημιώσεων οποιοδήποτε είδους, ειδικά όσα προκύπτουν από το νόμο ευθύνης προϊόντων. • Μπορεί να τροποποιηθεί χωρίς προηγούμενη ειδοποίηση. • Χρησιμοποιείτε μόνο μέγιστο ηλεκτρικό φορτίο σύμφωνα με τον πίνακα σύνδεσης στο ρυμουλκούμενο όχημα. • Προσοχή! Πριν την εγκατάσταση, διαβάστε το εγχειρίδιο αυτό προσεκτικά και ενημερώστε τον πελάτη σας να συμβουλευτεί το εγχειρίδιο ιδιοκτητών οχήματος ώστε να ελέγξει τυχόν τροποποιήσεις που απαιτούνται στο όχημα πριν τη ρυμούλκηση. • Σε περίπτωση προβλημάτων λειτουργίας να περιοριστεί η αναζήτηση σφαλμάτων σε περί. 0,5 δευτ., επικοινωνήστε με τη γραμμή υποστήριξης ECS Technical Support: ts@ecs-electronics.nl / 00800 22 55 23 27.
- NO** • Monteringsanviser elkabelsett for trekkrok med 13-P koblingsboks ifølge DIN/ISO norm 11446. • Vi påpeker ettertrykkelig at all rett til skadeerstatning og rettslig ansvar forfaller dersom monteringen ikke er blitt utført på riktig måte og av et profesjonelt verksted. • Tekniske endringer forbeholdes. • Overskrid ikke grensene angitt i tilkoblingstabellen på tilhengeren eller det tilkoblede kjøretøyet. • OBS! Les denne bruksanvisningen nøye før installasjon. Be kunden om å rådføre seg med brukerhåndboken for kjøretøyet før du sjekker om kjøretøyet må modifiseres før tauing. • Ved funksjonsproblemer må feilsøket begrenses til ca. 0,5 timer, kontakt ECS Technical Support: ts@ecs-electronics.nl / 00800 22 55 23 27.
- PL** • Instrukcje montażu zestawu okablowania elektrycznego dysza holowniczego z 13-P stykowym gniazdem DIN/ISO 11446. • Chcielibyśmy wyraźnie zaznaczyć, iż wszelkie nieprawidłowy montaż, który nie jest wykonywany w specjalistycznym warsztacie pociąga za sobą utratę możliwości dochodzenia wszelkiego typu roszczeń, w szczególności tych wynikających z odpowiedzialności producenta za swój produkt. • Podlega zmianom bez powiadomienia. • Używać tylko takiego maksymalnego obciążenia, które wynika z tabliczki połączeń holowanego pojazdu. • Uwaga! Przed zainstalowaniem należy dokładnie przeczytać te instrukcje i poinformować klienta o konieczności sprawdzenia w instrukcji posiadacza pojazdu w celu sprawdzenia przed holowaniem, czy nie wprowadzono do pojazdu jakichkolwiek zmian. • W przypadku problemów ograniczyć wyszukiwanie błędów do ok. 0,5 godziny, skontaktować się z linią serwisową ts@ecs-electronics.nl / 00800 22 55 23 27.

DE

FR

NL

GB

ES

IT

SE

CZ

DK

FI

GR

NO

PL

Einzelteilliste

Liste de pieces

Onderdelenlijst

Part list

Lista de componentes

Elenco componenti

Dellista

Seznam dílů

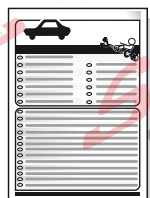
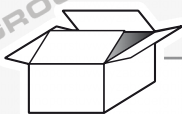
Del-liste

Osaluettelo

Κατάλογος εξαρτημάτων

Delliste

Lista części



U1

L3

L2

R

2x

M

P

X

G

U1

U2

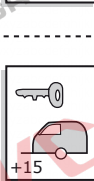
U3

L1

SP-133-ZZ

* OPTION +30/+15

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

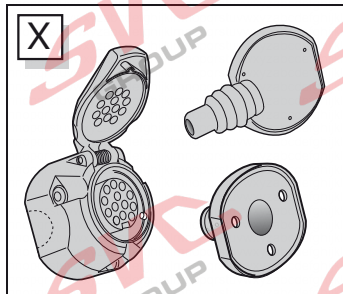


* OPTION P.D.C.

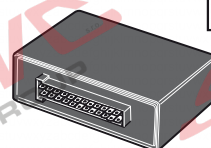
PARK DISTANCE CONTROL



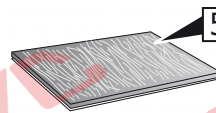
PARK DISTANCE CONTROL



M



5x



If you have LED tail lights please order: HY-084-ZZ extension kit

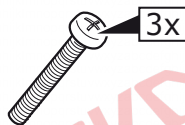
ergänzungsatz
set d'extension
uitbreidingsset
extension kit
equipo de extensión
set di ampliamento
förlängningssats
prodlužovací souprava
forlængelsesæt
lisäsarja
εξάρτηση επέκτασης
pábyggingssett
zestaw rozszerzający

HY-084-ZZ



DE Fragen Sie Ihren Lieferanten.
FR Consultez votre fournisseur.
NL Raadpleeg uw leverancier.
GB Consult your supplier.
ES Consulte con su proveedor.
IT Rivolgarsi al proprio fornitore.
SE Be leverantören om råd.

CZ Poradte se s vaším dodavatelem.
DK Henvend dig til din leverandør.
FI Kysy neuvoa toimittajaltasi.
GR Συμβουλευθείτε τον προμηθευτή σας.
NO Forhør deg med din leverandør.
PL Należy skonsultować się z dostawcą.



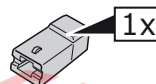
3x



3x



5x



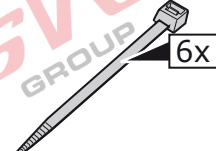
1x



1x



1x



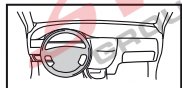
6x

INFO

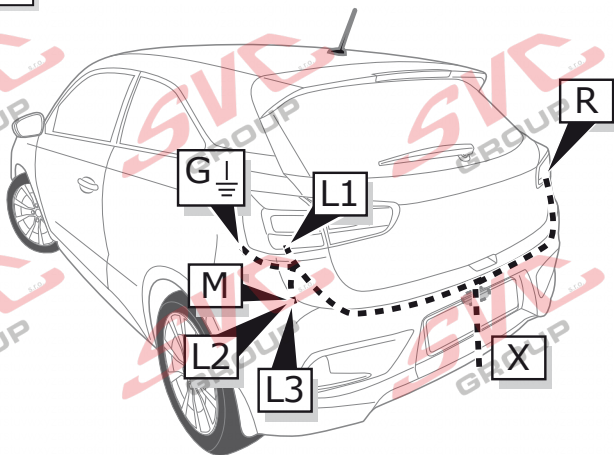
	BK	BN	BU	GY	GN	WH	YE	OG	PE	PI	RD	BG
DE	Schwarz	Braun	Blau	Grau	Grün	Weiß	Gelb	Orange	Violett	Rosa	Rot	Beige
FR	Noir	Marron	Bleu	Gris	Vert	Blanc	Jaune	Orange	Violet	PI	Rouge	Beige
NL	Zwart	Bruin	Blauw	Grijs	Groen	Wit	Geel	Oranje	Paars	Roze	Rood	Beige
GB	Black	Brown	Blue	Grey	Green	White	Yellow	Orange	Purple	Pink	Red	Beige
ES	Negro	Marrón	Azul	Gris	Verde	Blanco	Amarillo	Naranja	Morado	Rosa	Rojo	Beige
IT	Nero	Marrone	Blui	Grigio	Verde	Bianco	Giallo	Arancione	Viola	Rosa	Rosso	Beige

ROUTING

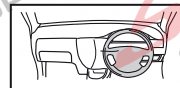
3 DRS



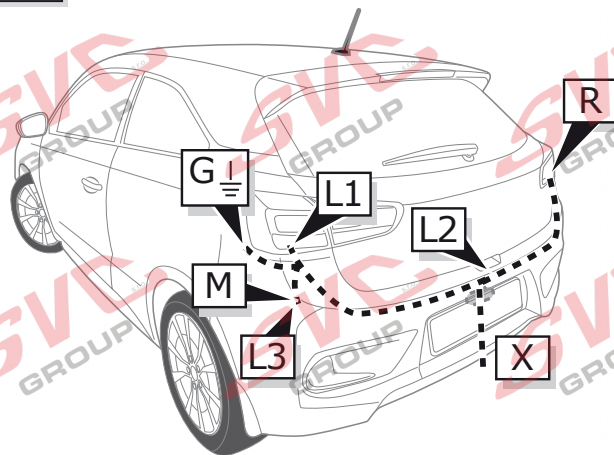
LHD



3 DRS

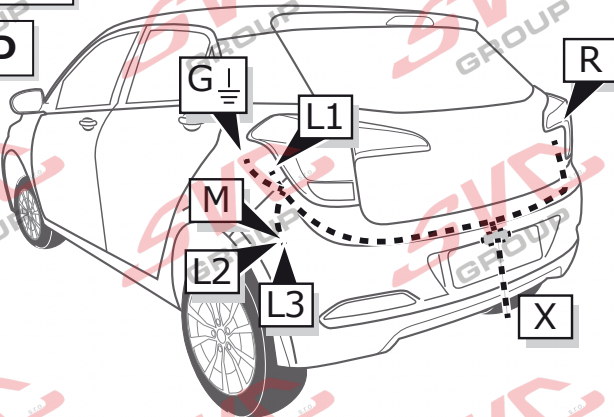


RHD



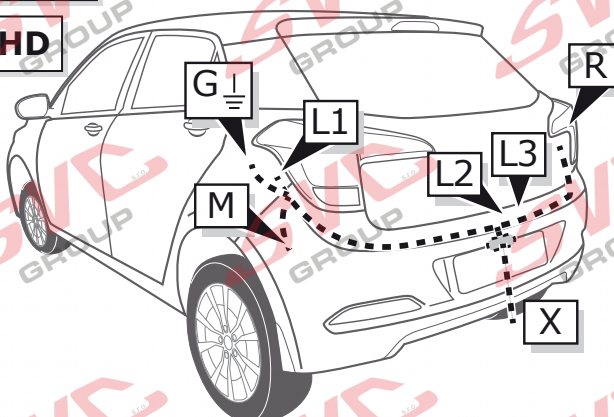
5 DRS

LHD



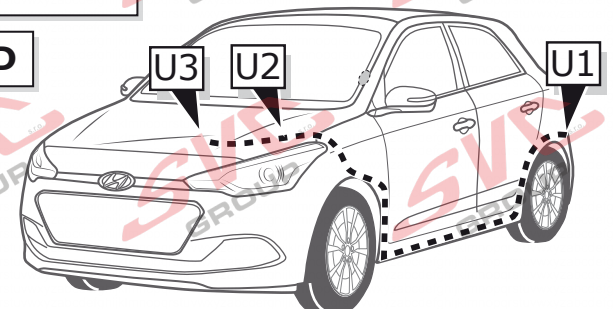
5 DRS

RHD



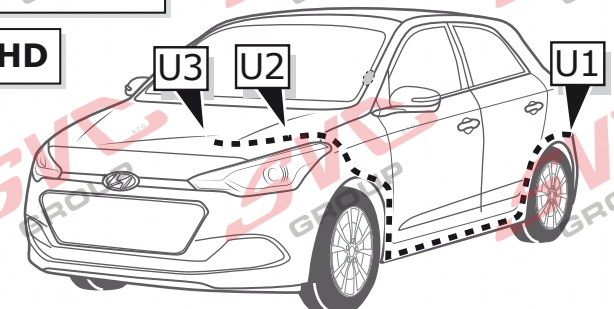
3 & 5 DRS

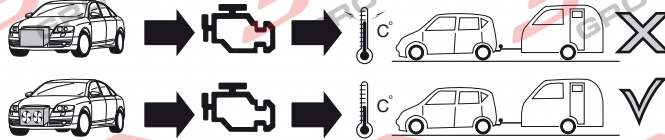
LHD



3 & 5 DRS

RHD



**ACHTUNG!**

(DE)

Die Kühlleistung des Fahrzeuges muß bei Nachrüstung einer Anhängerkupplung möglicherweise erhöht werden! Bitte unbedingt Herstellerangaben beachten!!

ATTENTION!

(FR)

Il peut s'avérer nécessaire d'augmenter la puissance du radiateur du véhicule lorsque celui est équipé ultérieurement d'un attelage remorque! Respecter impérativement les instructions du constructeur!!

ATTENTIE!

(NL)

Het koelvermogen van het voertuig moet mogelijk worden verhoogd als achteraf een aanhangerkoppeling wordt aangebracht! Absoluut de fabrieksopgaven in acht nemen a.u.b.!!

ATTENTION!

(GB)

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

¡ATENCIÓN!

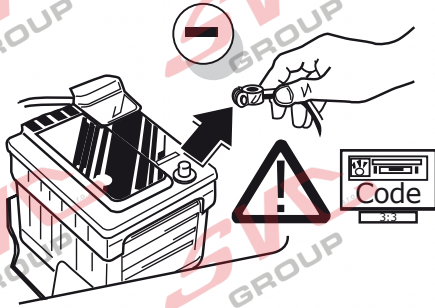
(ES)

¡Es posible que haya que aumentar la capacidad del radiador en caso de reequipar un acoplamiento de remolque! ¡Rogamos tener en cuenta las instrucciones de fabricante sin falta!

ATTENZIONE!

(IT)

La capacità di raffreddamento del veicolo, quando si applica un gancio di traino, si deve possibilmente aumentare! Si prega di osservare tassativamente le indicazioni del produttore!!



(DE)

Um Störungen und Schäden am Bordnetz zu vermeiden, muss die Massepolklemme unbedingt vor Beginn aller Arbeiten von der Fahrzeugbatterie getrennt werden! Insbesondere bei Arbeiten und Anschlüssen am CAN-Datenbus kann bei nicht abgeklemmter Batterie sowohl das Anhängermodul als auch das fahrzeugseitige Bordnetzsteuergerät beschädigt werden! Bitte Herstellervorschriften beim Ab- und Anklemmen der Fahrzeugbatterie beachten!

(FR)

Afin d'éviter tout dys-fonctionnement ou endom-magement du circuit de bord, il est indispensable de débrancher la pince de masse de la batterie du véhicule avant le début de toute opération! En particulier s'il s'agit de travaux et de branchements effectués sur le bus de données CAN, si la batterie n'est pas débranchée, le module remorque aussi bien que le dispositif de commande de circuit de bord du véhicule risquent d'être endommagés! Veuillez respecter les directives du fabricant lors du branchement et du débranchement de la batterie du véhicule!

(NL)

Om storingen en schade aan de elektrische bedrading te vermijden moet de massapoolklem absoluut vóór aanvang van alle werkzaamheden worden losgekoppeld van de voertuigaccu! Vooral bij werkzaamheden aan en aansluitingen op de CAN-databus kan zowel de aanhangermodule als de voertuigzijdige regelenheid voor de elektrische installatie beschadigd worden, als de accu niet ontkoppeld is! Fabrieksvoorschriften bij het vast- en loskoppelen van de voertuigaccu in acht nemen a.u.b.!

(GB)

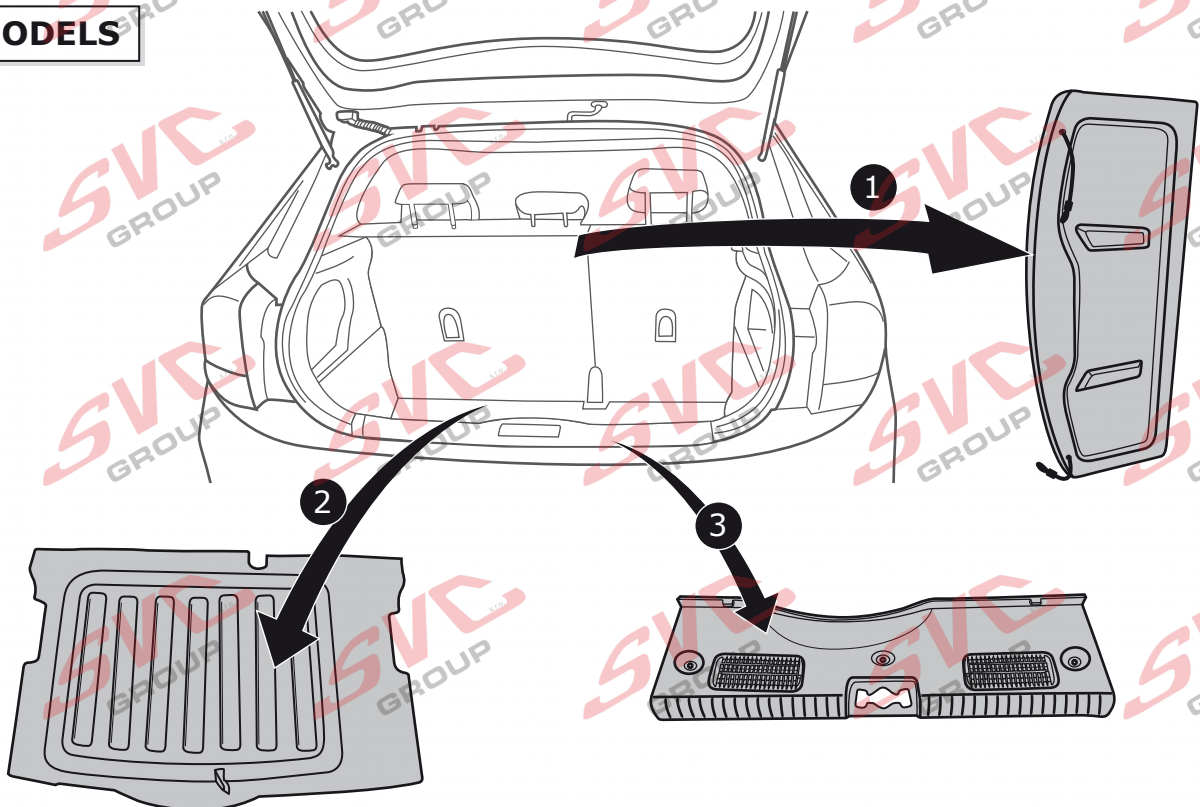
In order to avoid mal-functions and damage to the vehicle's electrical system the earth terminal must be disconnected from the vehicle's battery before starting work! Both the trailer module and the vehicle's control unit for the electrical system can be damaged during work on the CAN data bus connections if the battery is not disconnected! Please pay attention to the manufacturer's instructions when disconnecting and reconnecting the vehicle's battery!

(ES)

¡Para evitar fallos y defectos en el sistema eléctrico de a bordo es imprescindible separar al terminal de puesta a tierra de la batería del vehículo antes de realizar cualquier trabajo! ¡Particularmente al realizar trabajos y conexiones al bus de datos CAN puede estropearse tanto el módulo para remolques como el regulador del sistema eléctrico de a bordo del vehículo si no se ha desconectado la batería! ¡Rogamos observar las instrucciones del fabricante al conectar y desconectar la batería del vehículo!

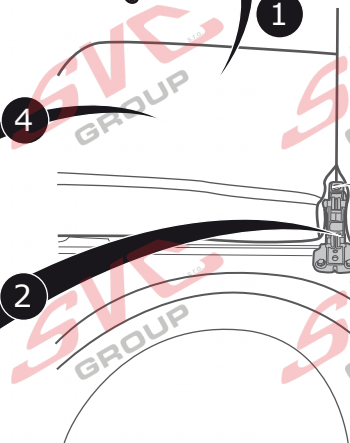
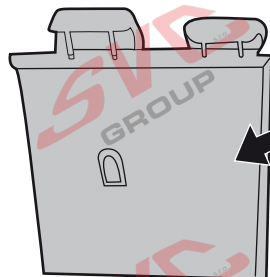
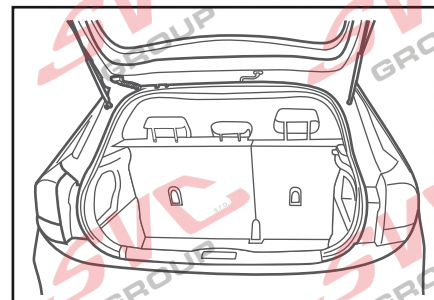
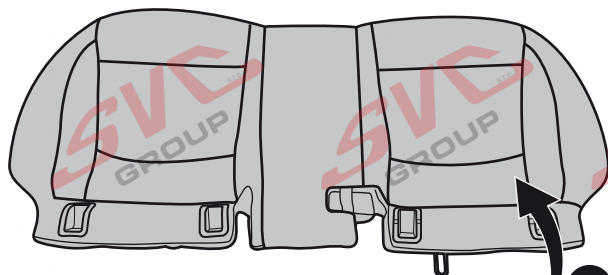
(IT)

Per evitare disturbi e danni alla rete di distribuzione elettrica, l'espansione polare a massa deve essere assolutamente scollegata dalla batteria del veicolo prima dell'inizio dei lavori! In particolare durante i lavori e gli allacciamenti al bus di dati CAN, se la batteria non è scollegata si possono danneggiare sia la centralina rimorchio, sia la centralina della rete di distribuzione elettrica del veicolo! Attenersi alle indicazioni del costruttore per scollegare e ricollegare la batteria del veicolo!

ALL MODELS

3

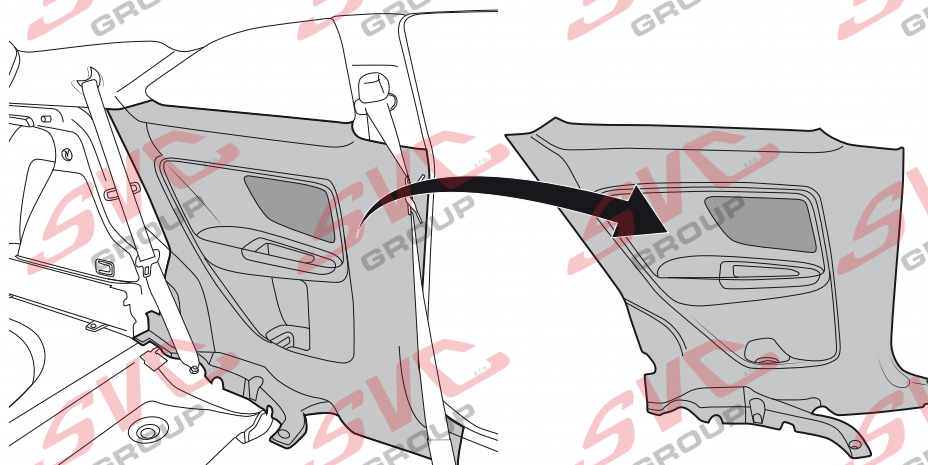
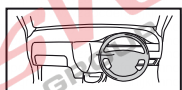
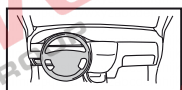
ALL MODELS



4

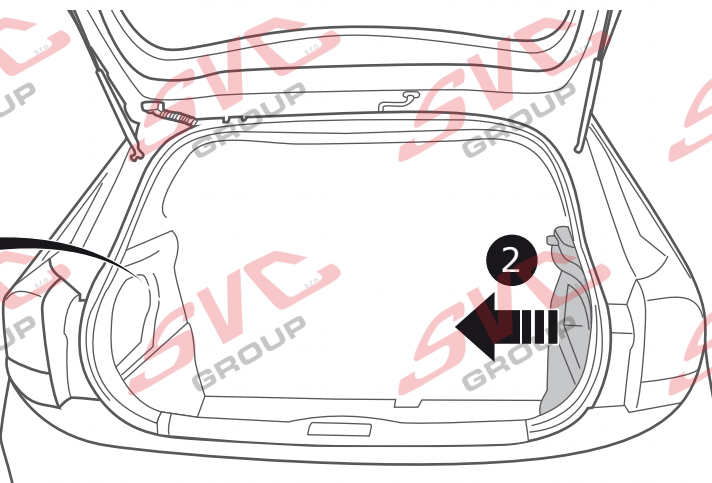
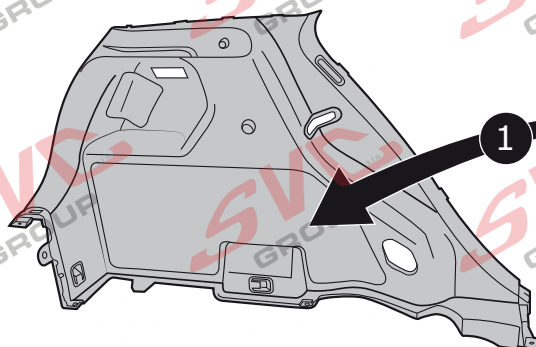
3 DRS

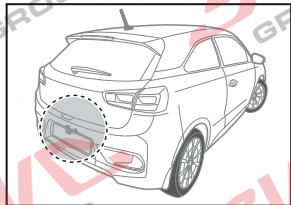
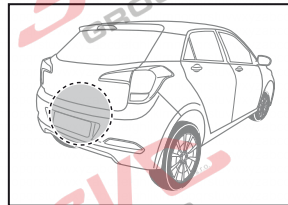
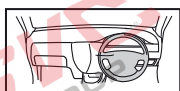
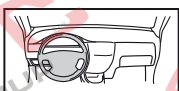
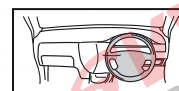
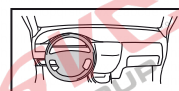
LHD & RHD



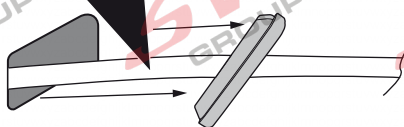
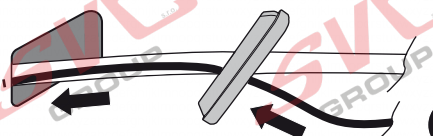
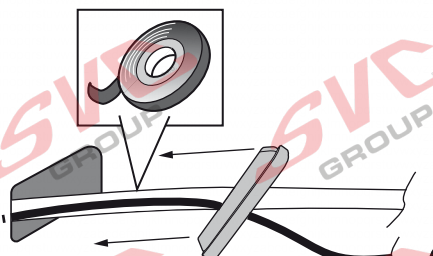
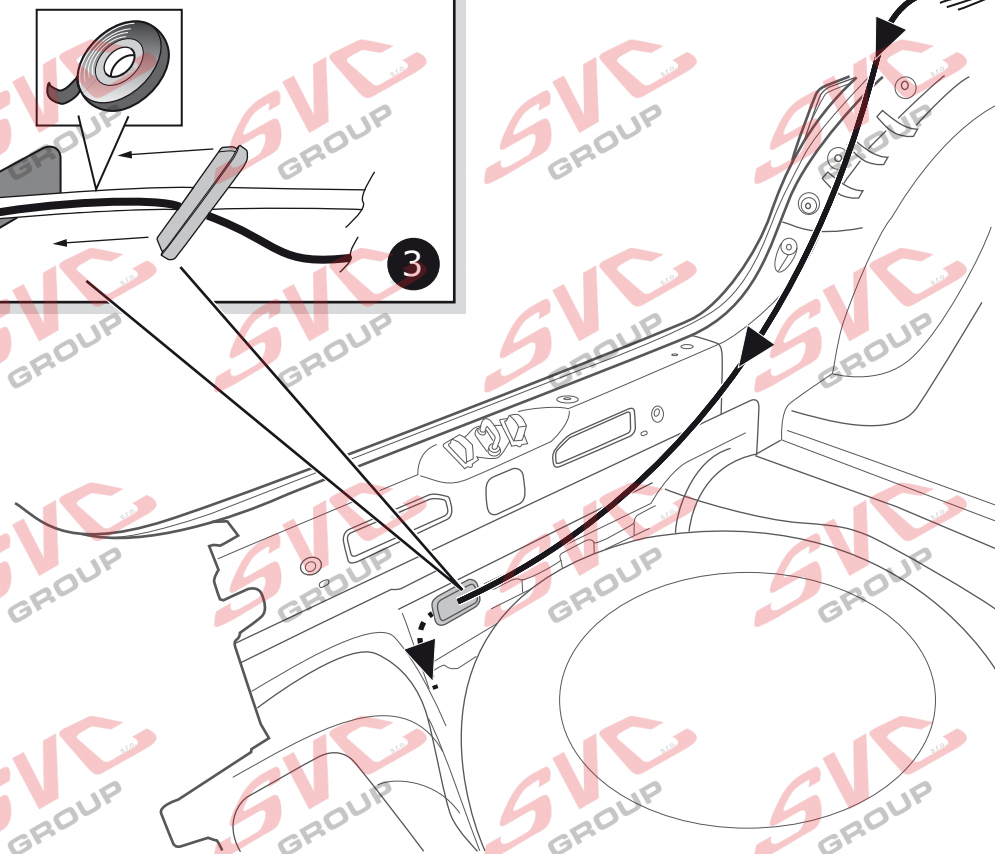
5

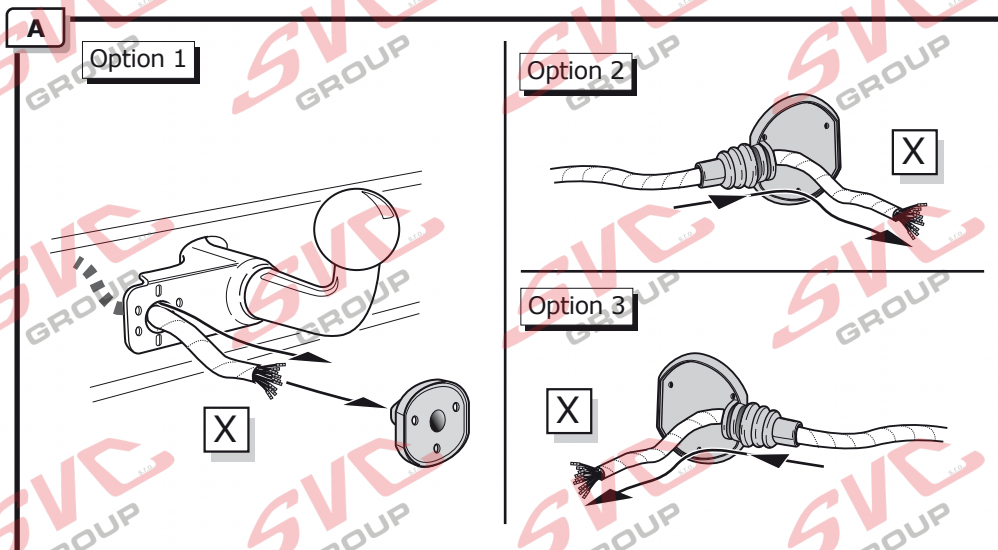
ALL MODELS




3 DRS
LHD & RHD

5 DRS
LHD & RHD


- DE Klebeband entfernen
- FR Enlevez Ruban adhésif
- NL Tape verwijderen
- GB Remove tape
- ES Retirar la cinta adhesiva
- IT Rimuovere il nastro adesivo


1
X

2
X

3
X


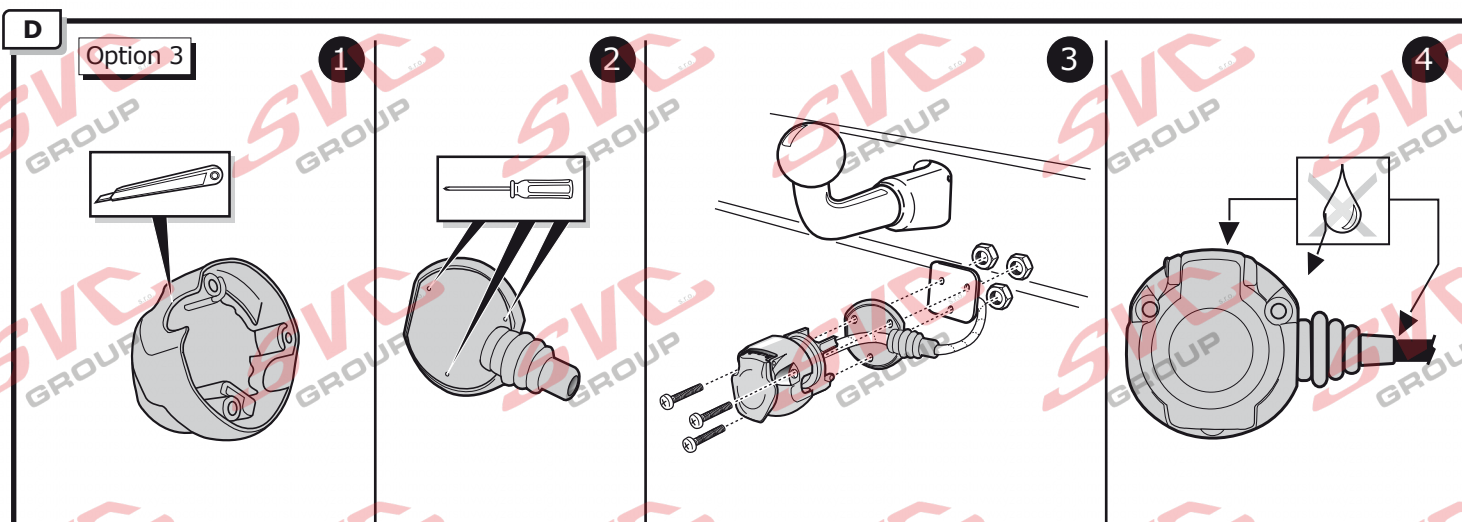
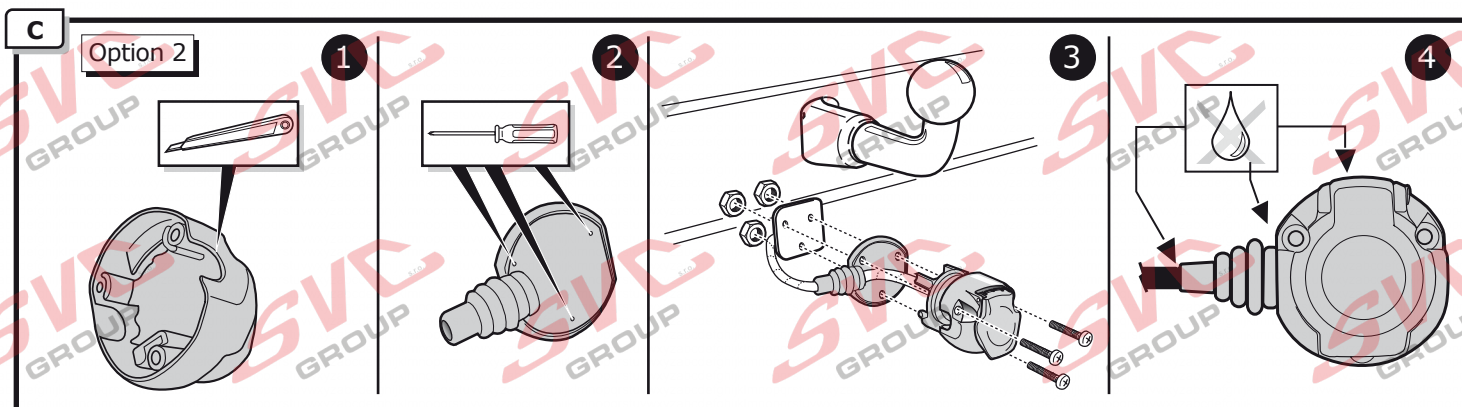
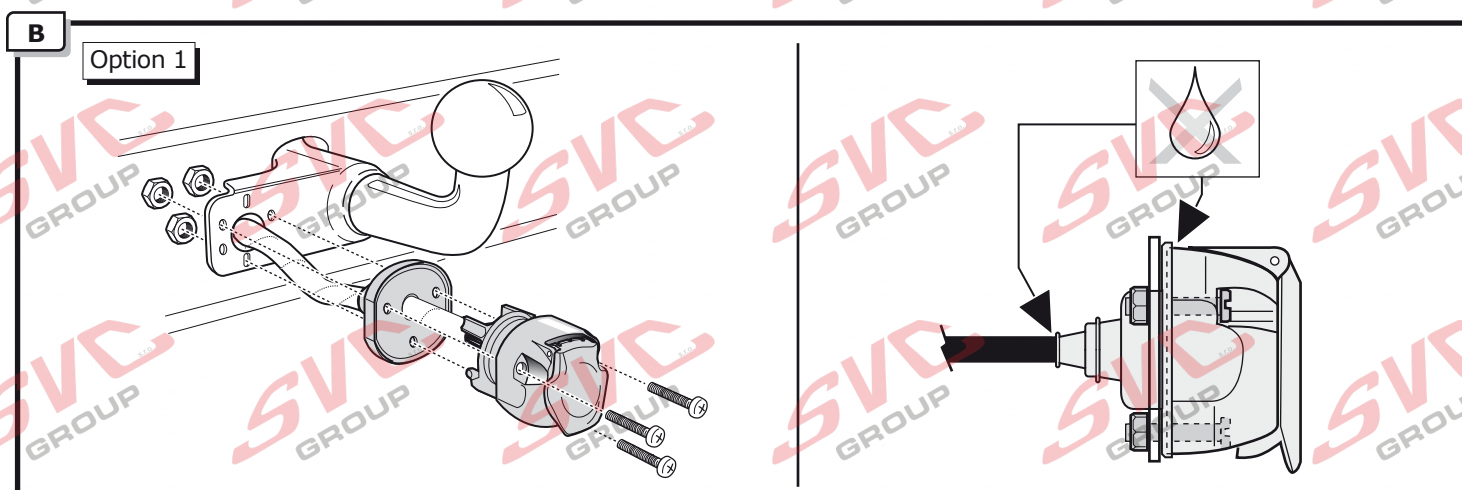


INFO

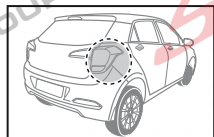
- (DE) Anschluss Steckdose
- (FR) Connection de la prise
- (NL) Contactdoos aansluiting
- (GB) Socket connection
- (ES) Conexión de la caja de enchufe
- (IT) Allaccio zoccolo



Page 24

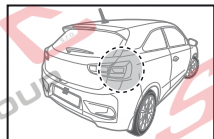


7



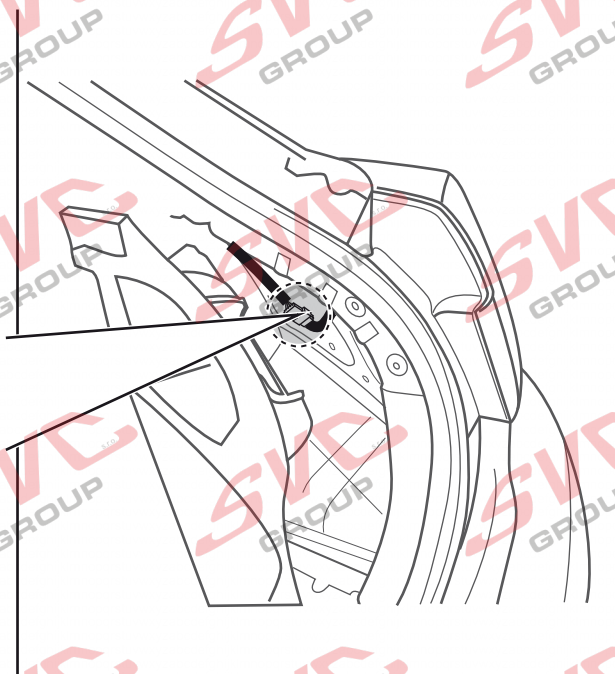
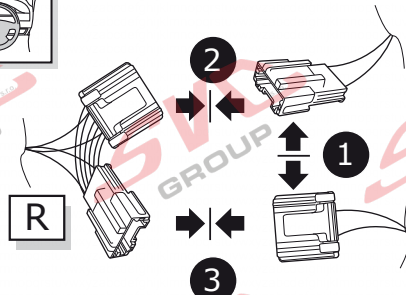
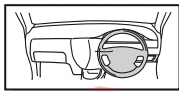
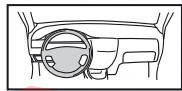
5 DRS

LHD & RHD

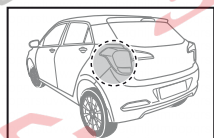


3 DRS

LHD & RHD

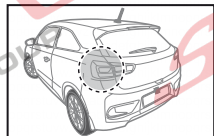


8



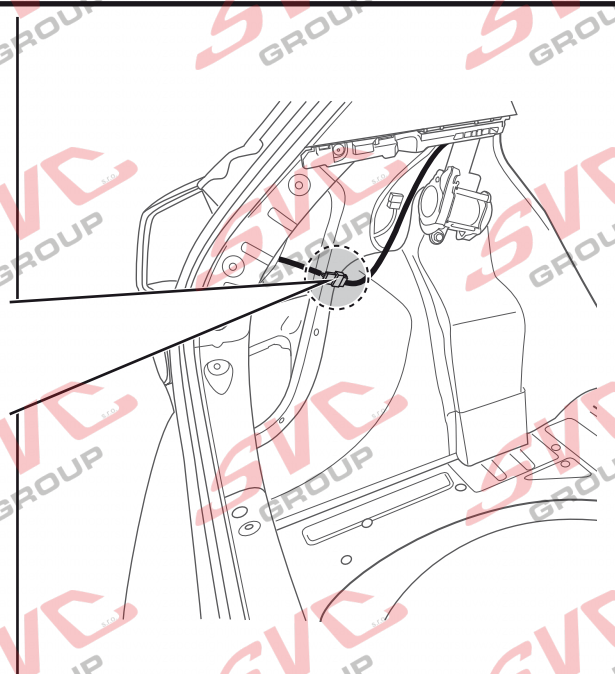
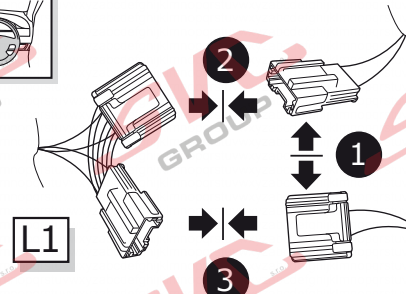
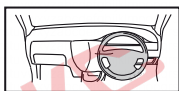
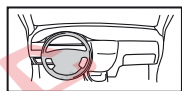
5 DRS

LHD & RHD



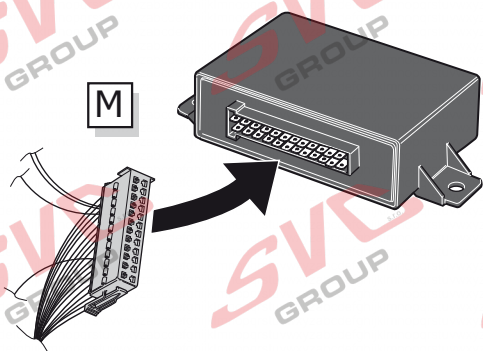
3 DRS

LHD & RHD



9

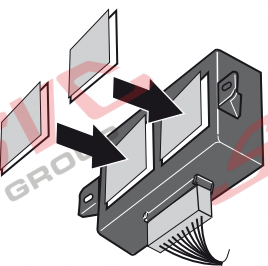
1



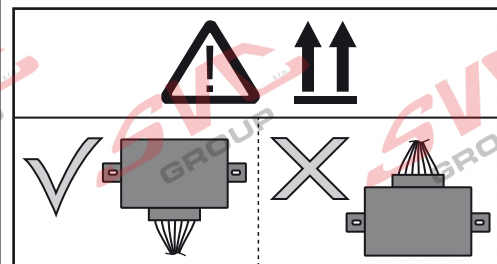
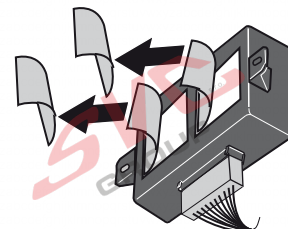
2



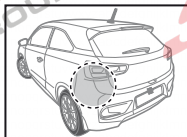
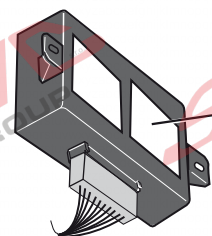
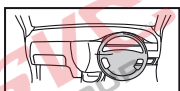
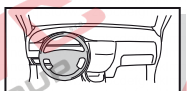
3



4

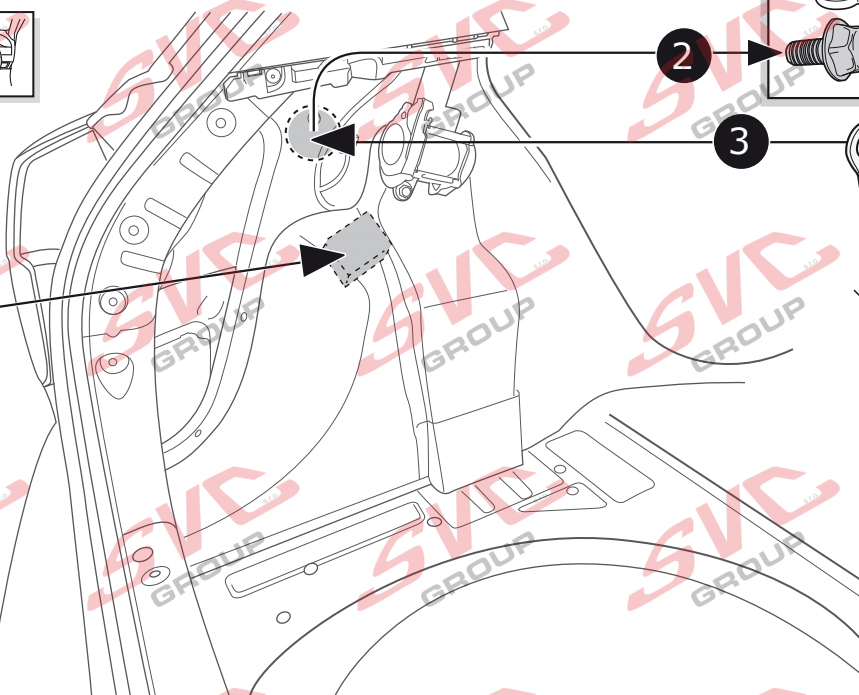


10

**3 DRS****LHD & RHD**

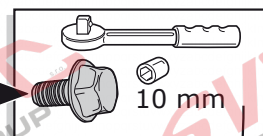
1

M



2

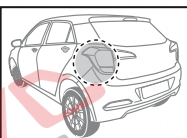
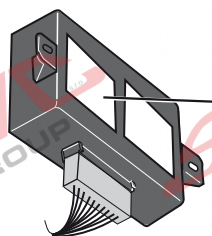
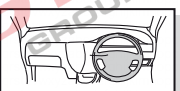
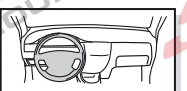
3



10 mm

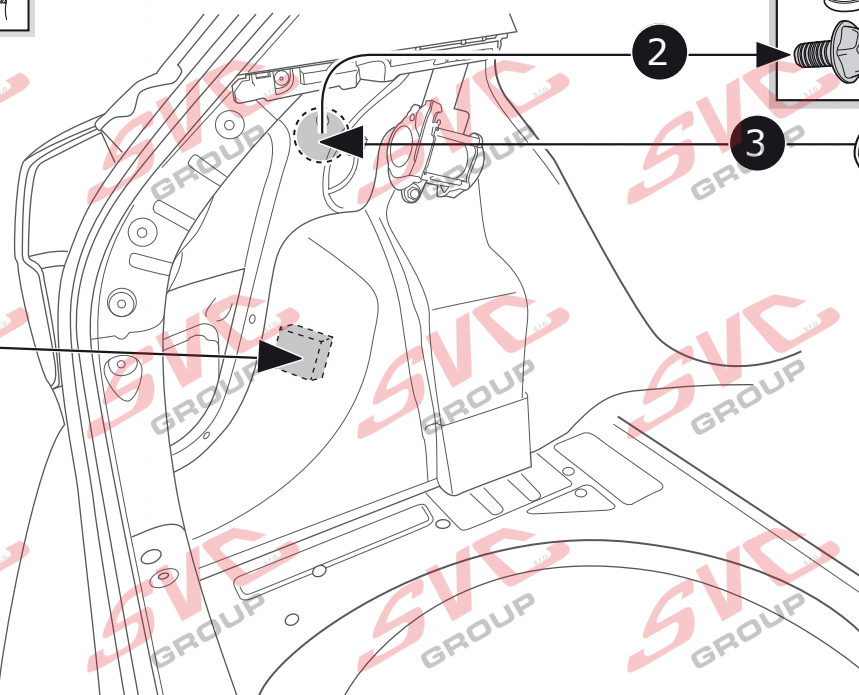
G

11

**5 DRS****LHD & RHD**

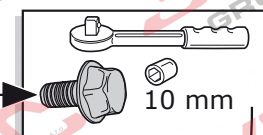
1

M



2

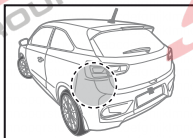
3



10 mm

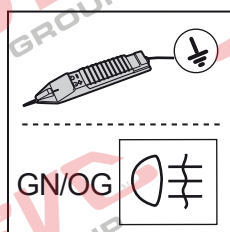
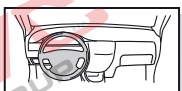
G

12

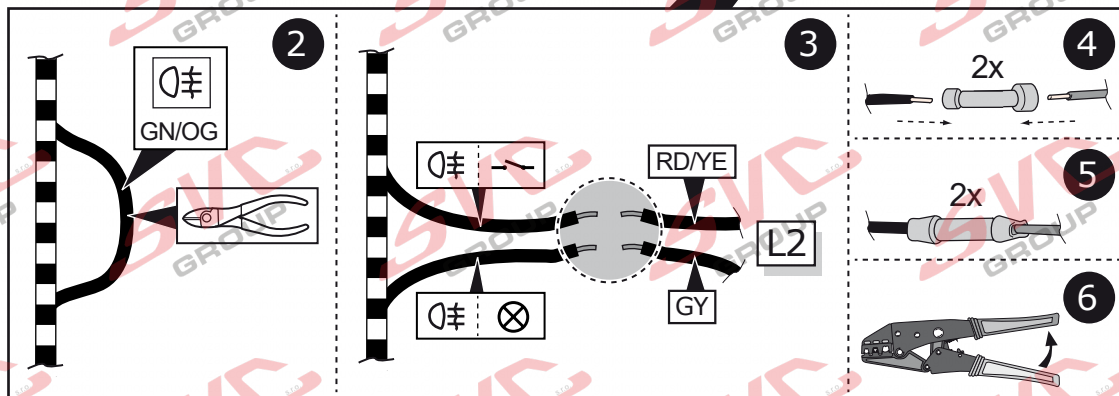
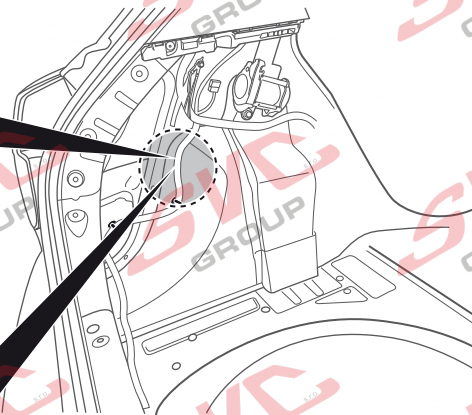


3 DRS

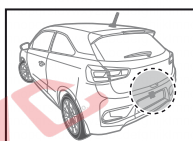
LHD



1

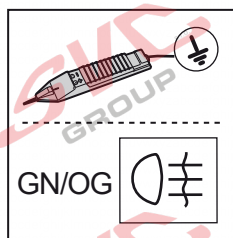
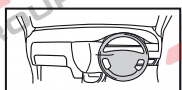


13

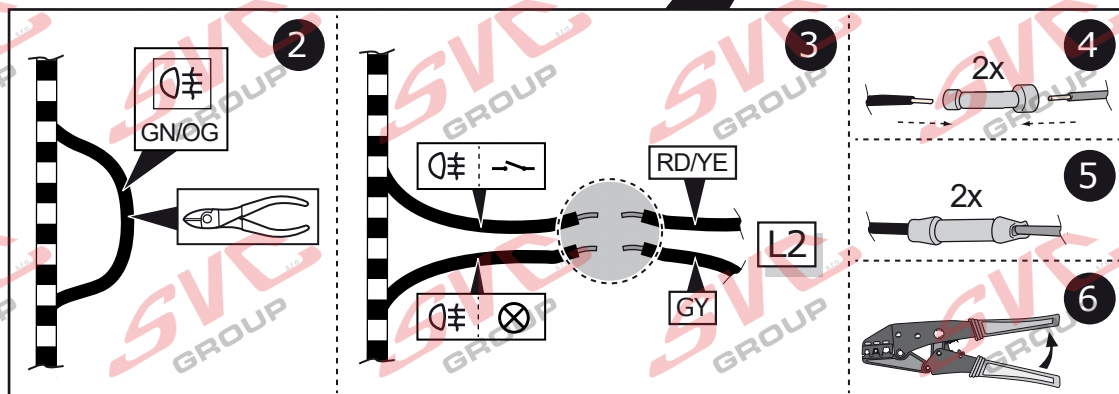
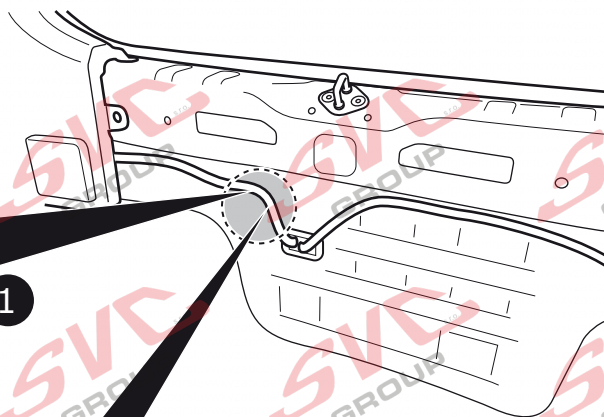


3 DRS

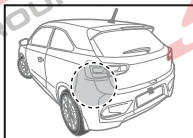
RHD



1

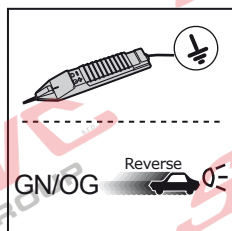
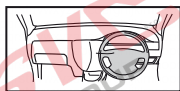
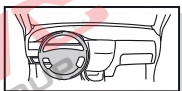


14

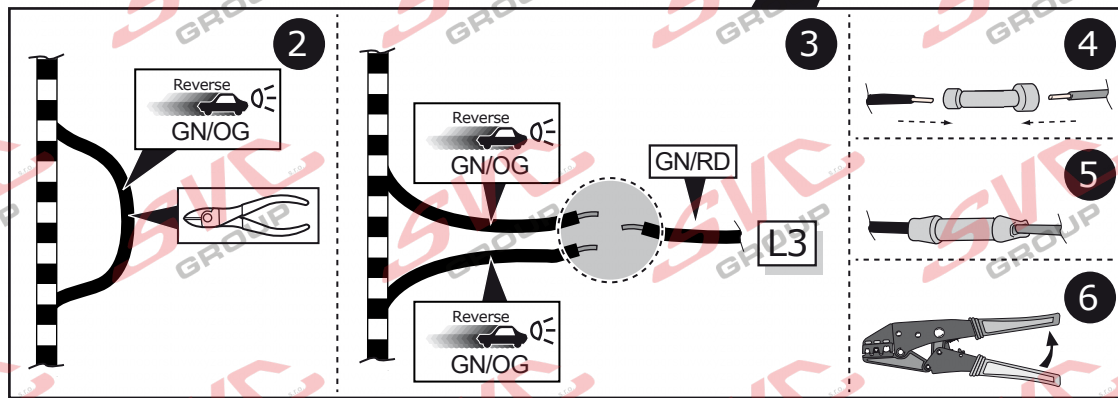


3 DRS

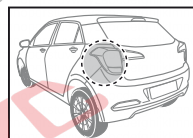
LHD & RHD



1

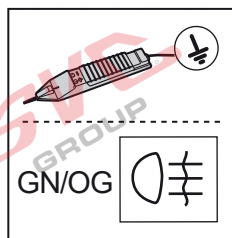
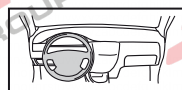


15

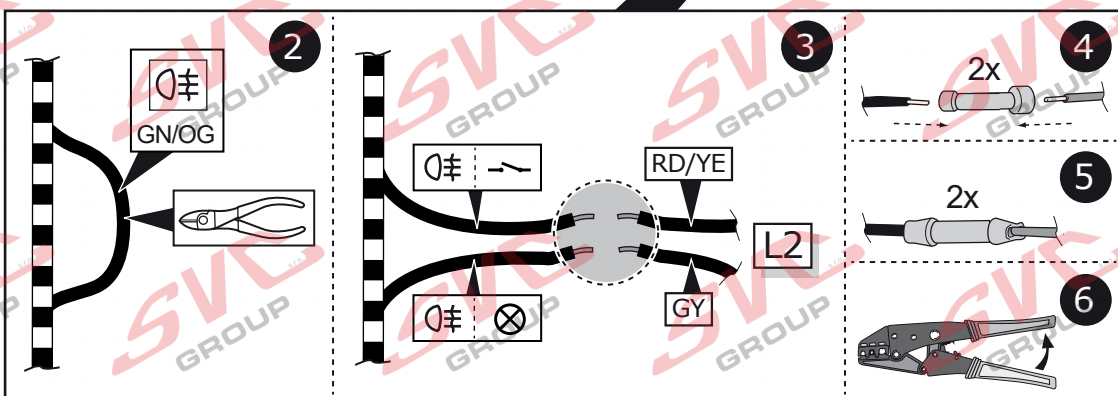


5 DRS

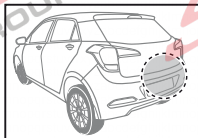
LHD



1

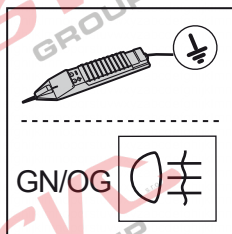
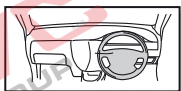


16

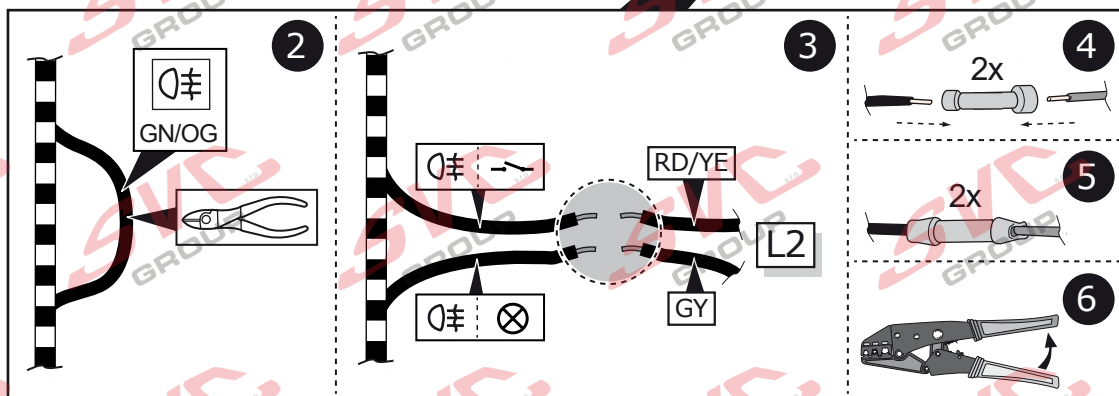
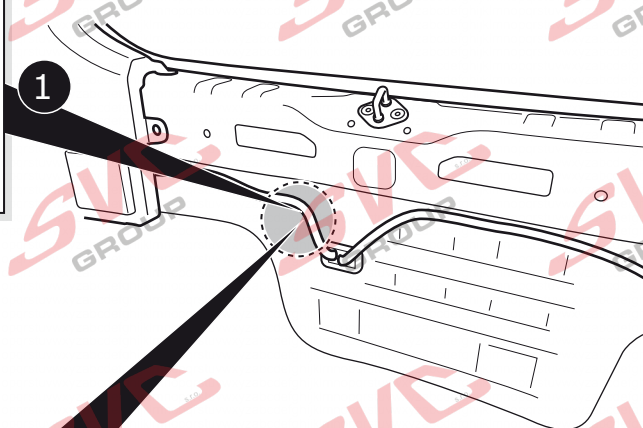


5 DRS

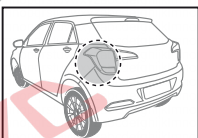
RHD



1

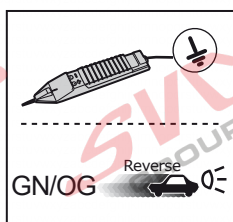
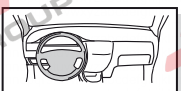


17

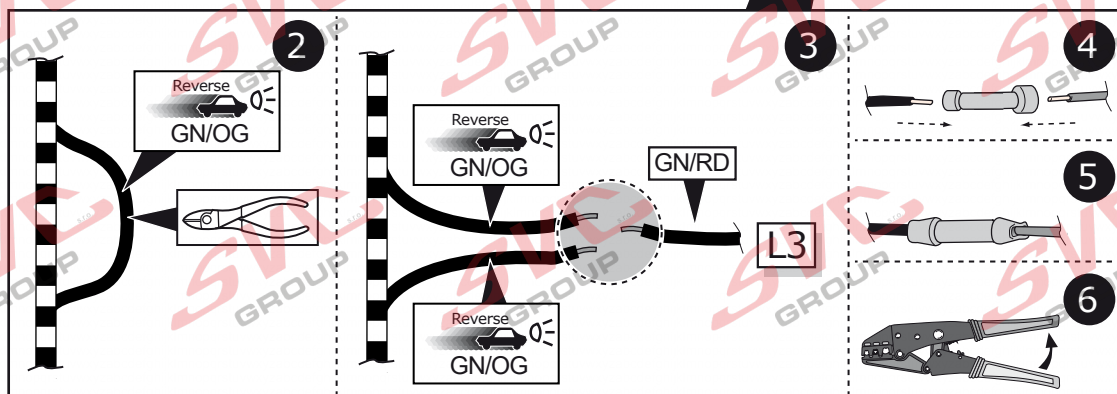
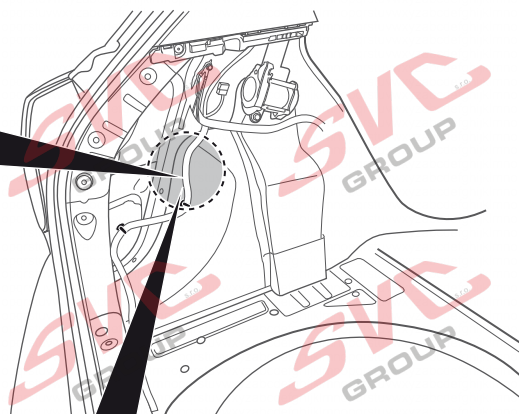


5 DRS

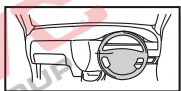
LHD



1

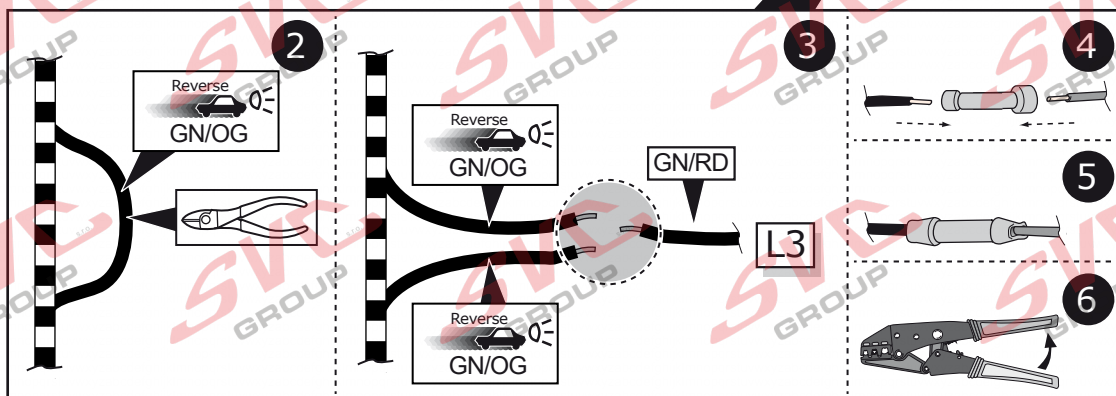
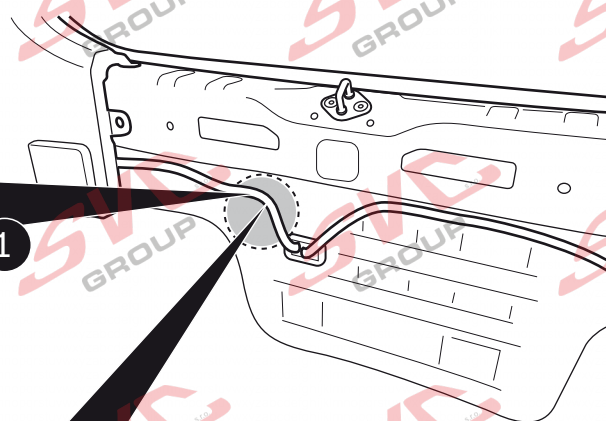
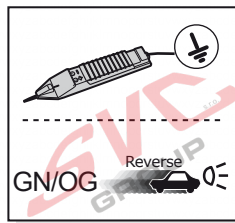


18



5 DRS

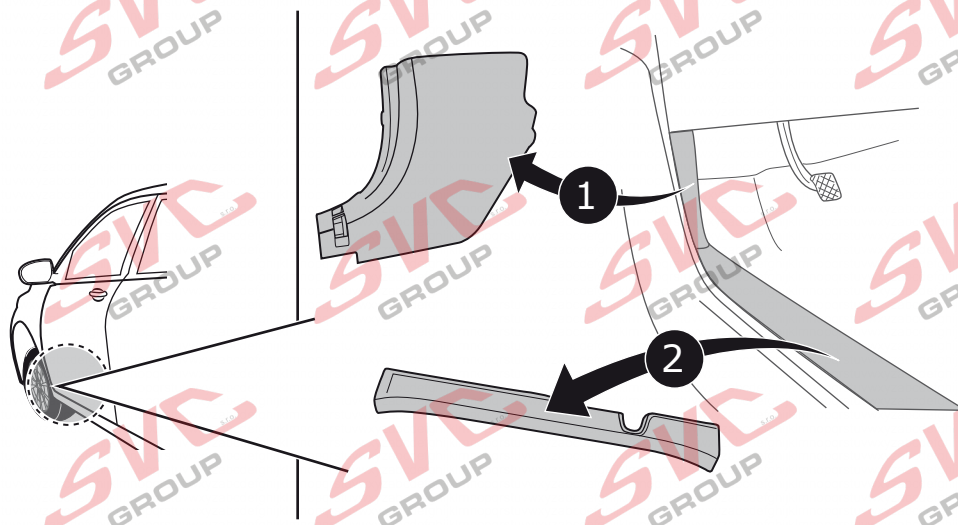
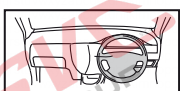
RHD



19

3 & 5 DRS

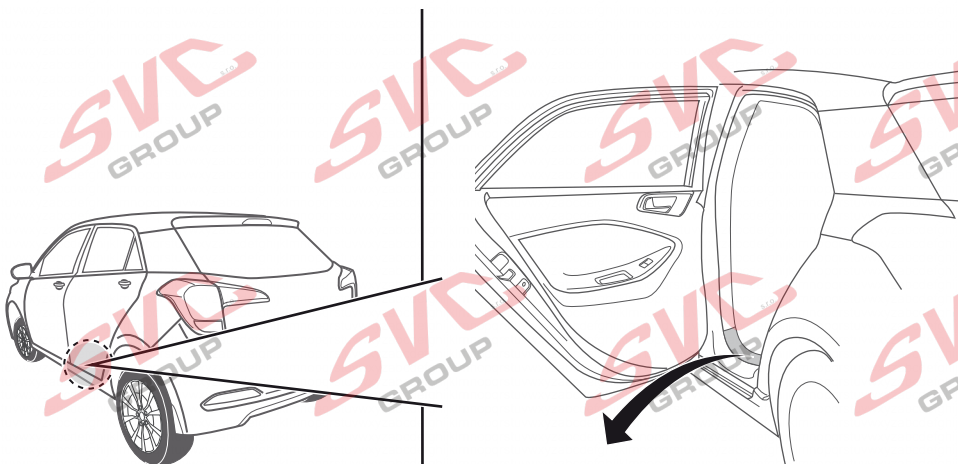
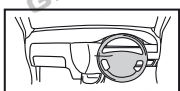
LHD & RHD



20

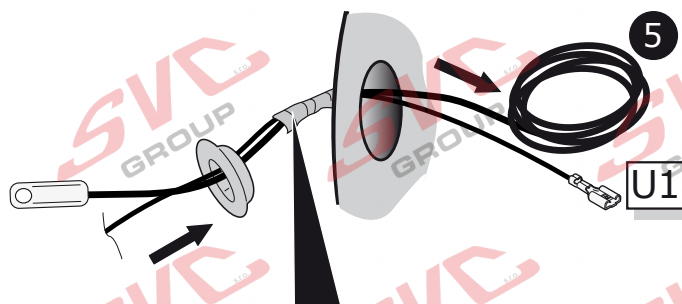
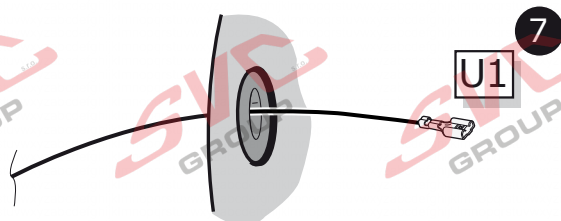
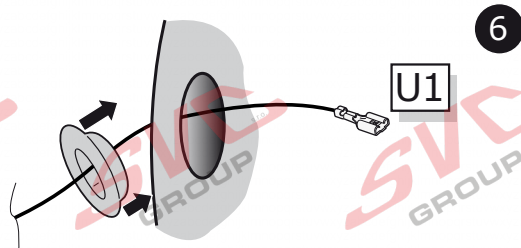
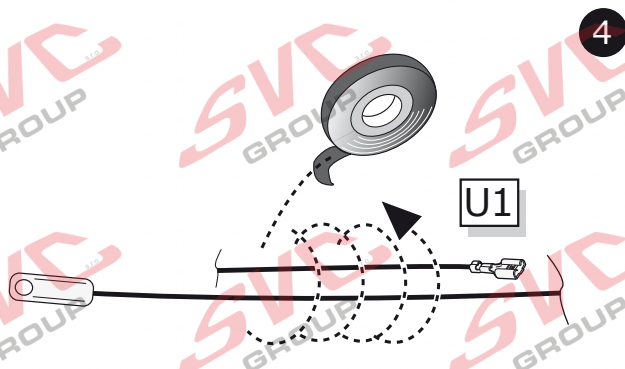
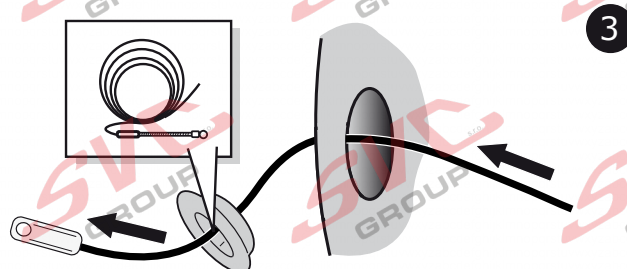
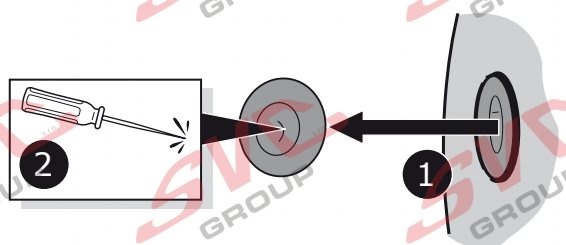
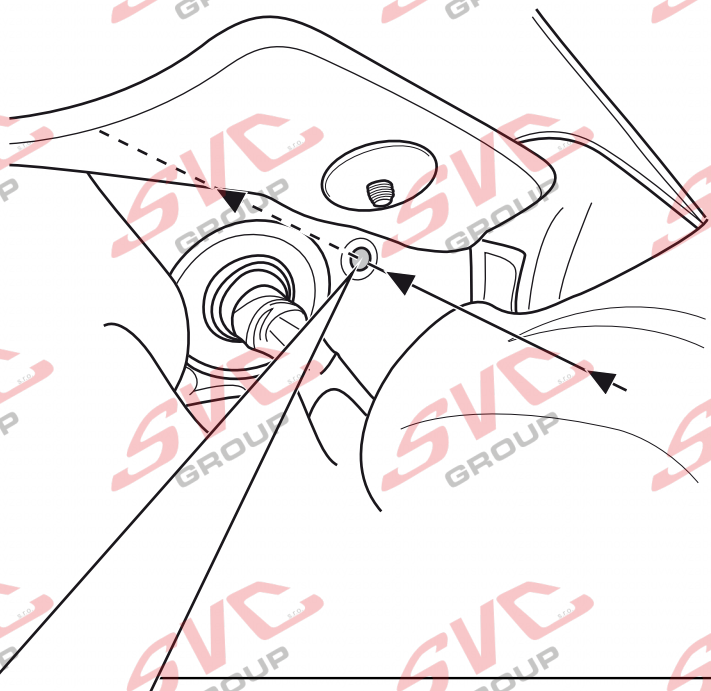
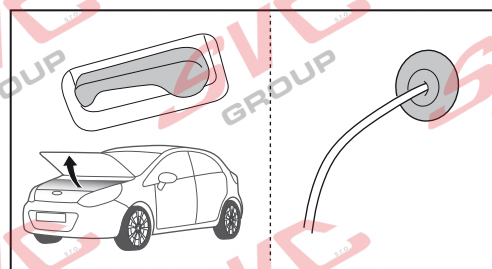
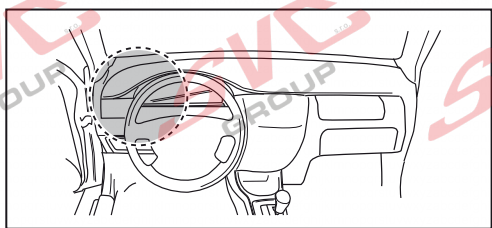
5 DRS

LHD & RHD

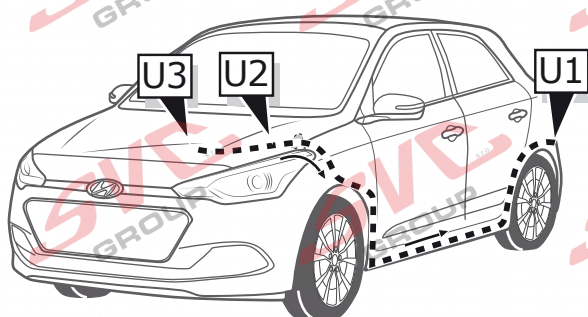


3 & 5 DRS

LHD



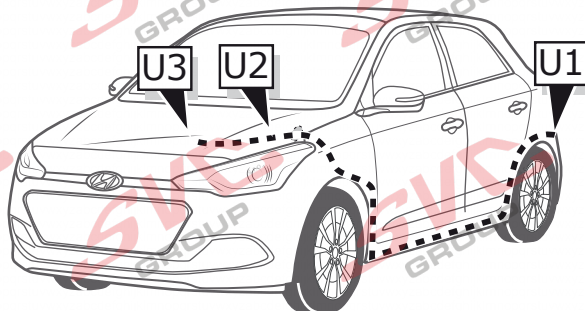
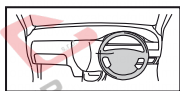
DE Klebeband entfernen	DK Aftag tæpen
FR Enlevez Ruban adhésif	FI Poista teippi
NL Tape verwijderen	GR Αφαιρέστε την ταινία
GB Remove tape	NO Fjern limbåndet
ES Retirar la cinta adhesiva	PL Zdjąć taśmę
IT Rimuovere il nastro adesivo	
SE Avlägsna klisterbandet	
CZ Odstraňte pásku	



22

3 & 5 DRS

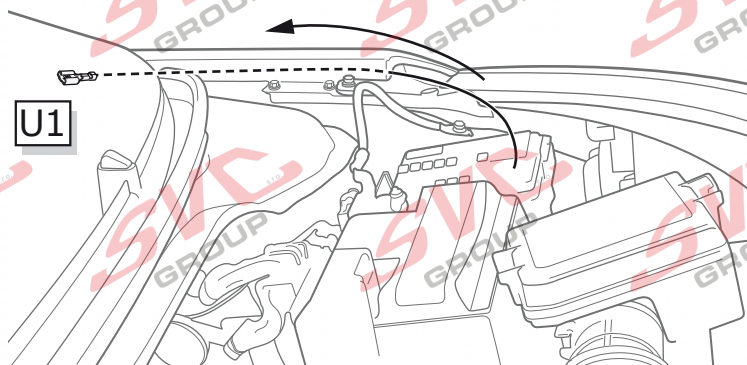
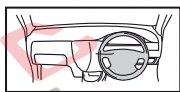
RHD



23

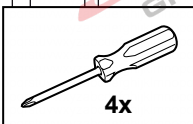
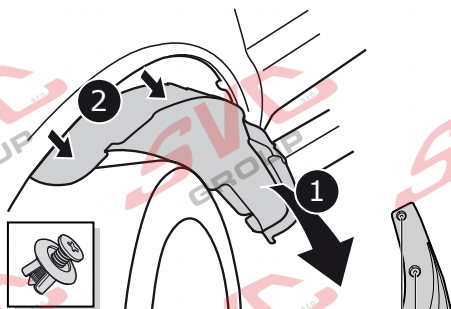
3 & 5 DRS

RHD

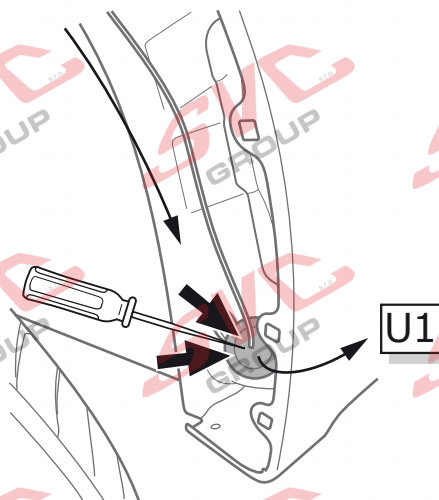


24

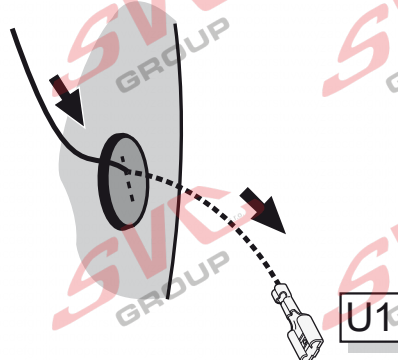
1



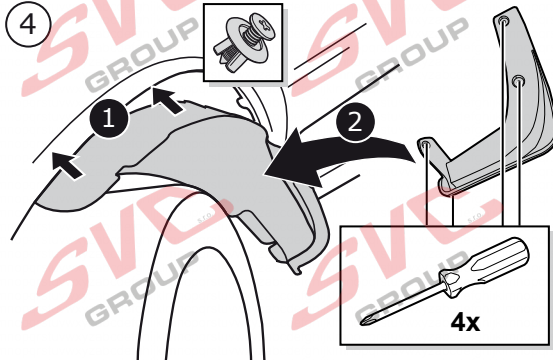
2



3



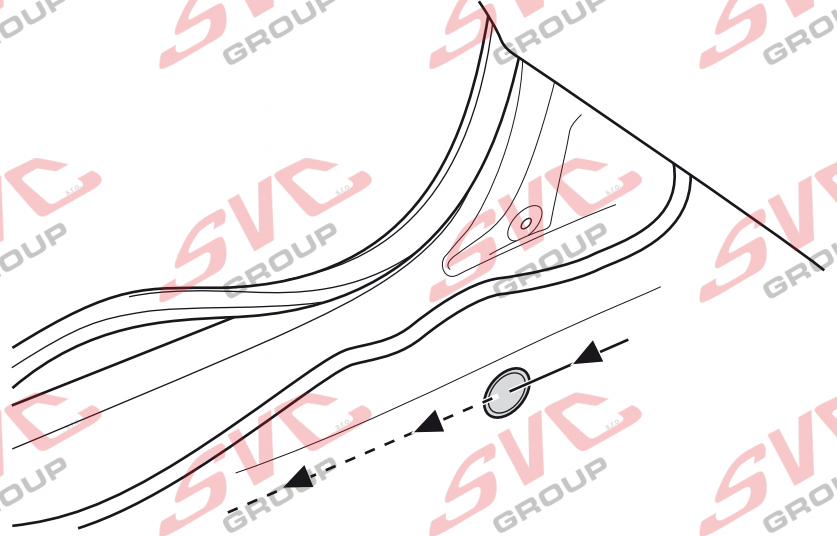
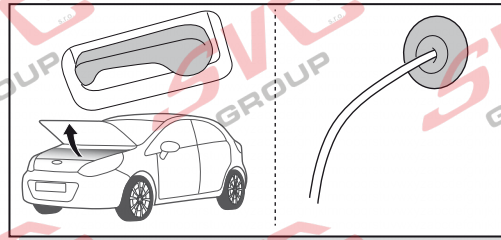
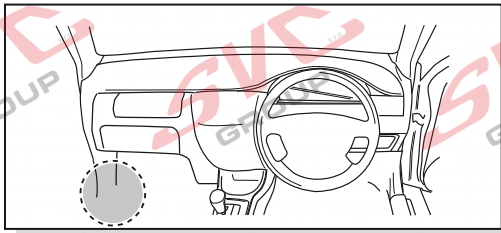
4



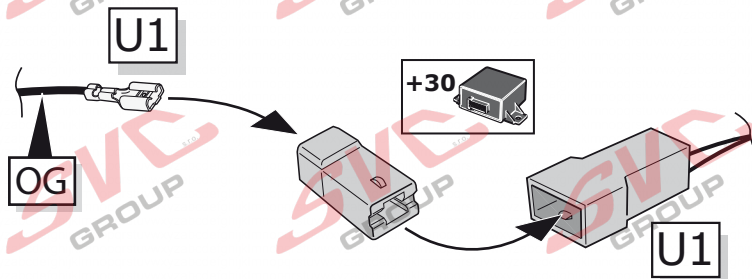
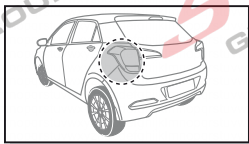
25

3 & 5 DRS

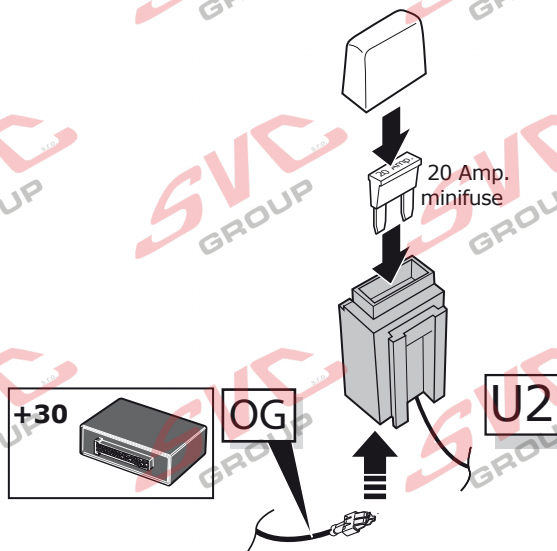
RHD



26

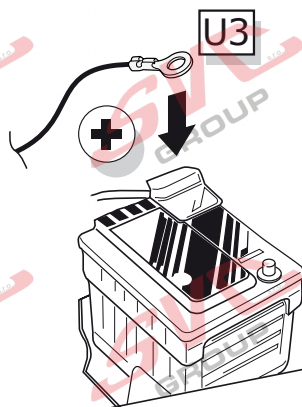


27

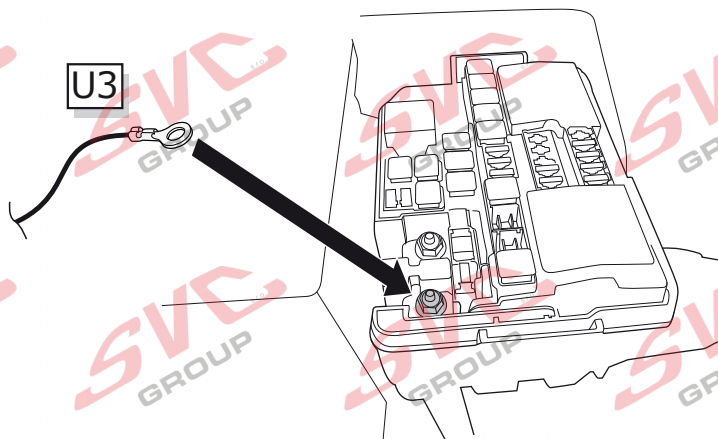


28

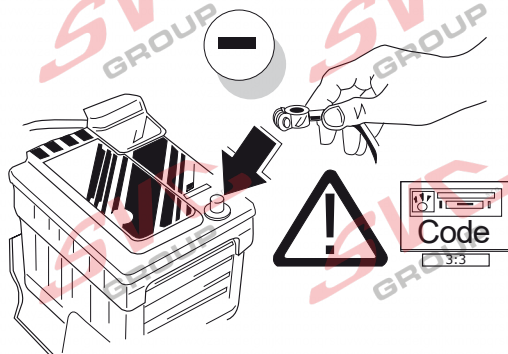
OPTION 1



OPTION 2

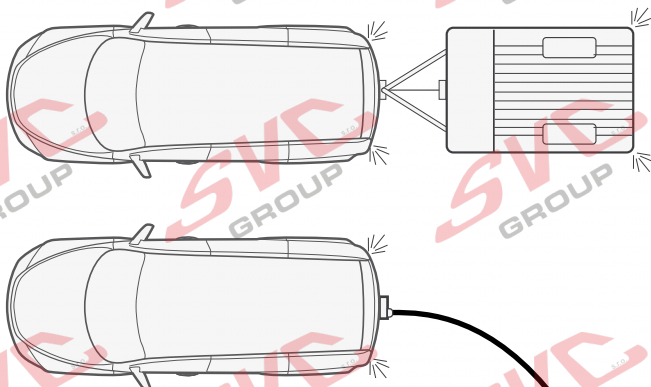
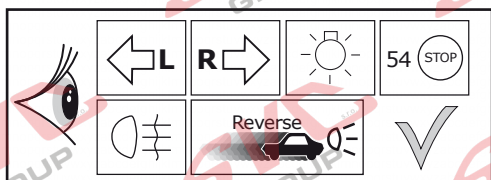


29



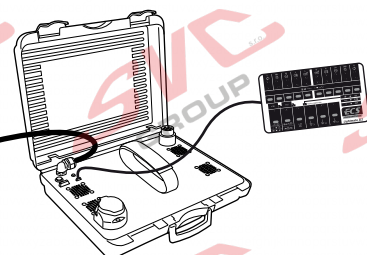
30

Functional test

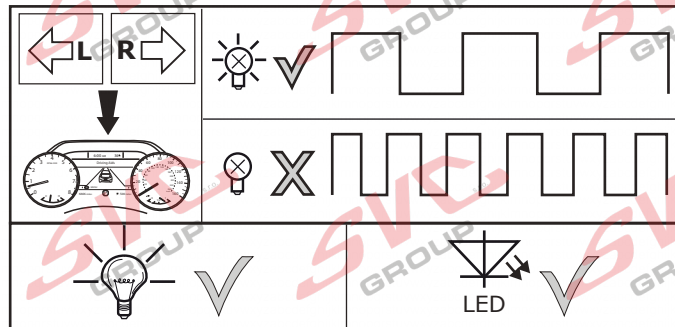
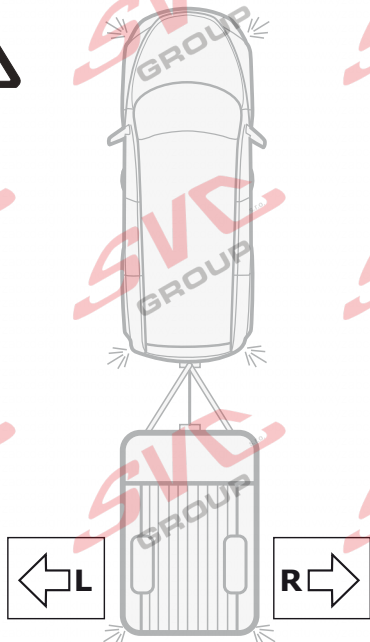


LIGHT MATE®

ECS part no.
LIGHTMATE II
LIGHTMATE III



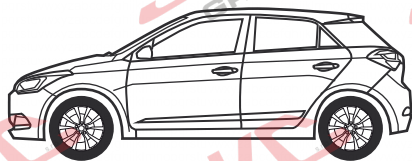
31



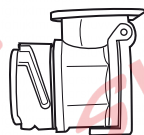
32

Optional

Adapter socket

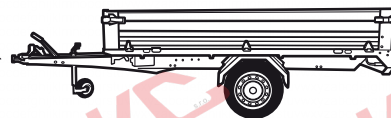


13-pin

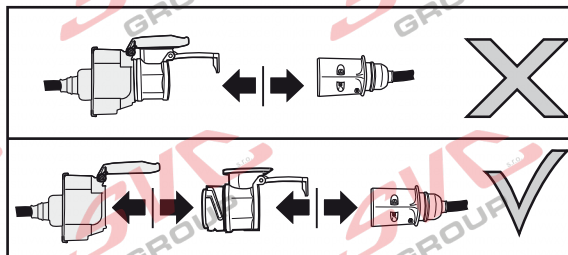
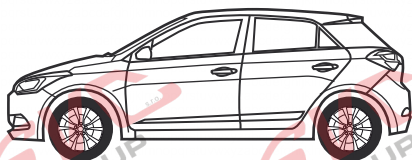


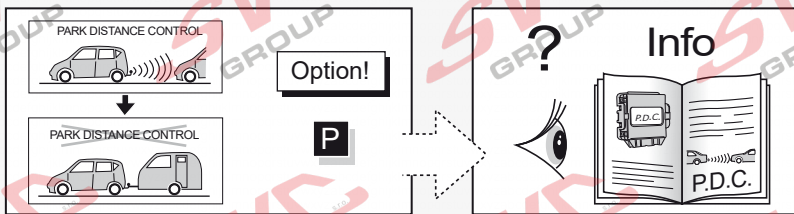
7-pin

ECS part no.
SP-123-ZZ



33



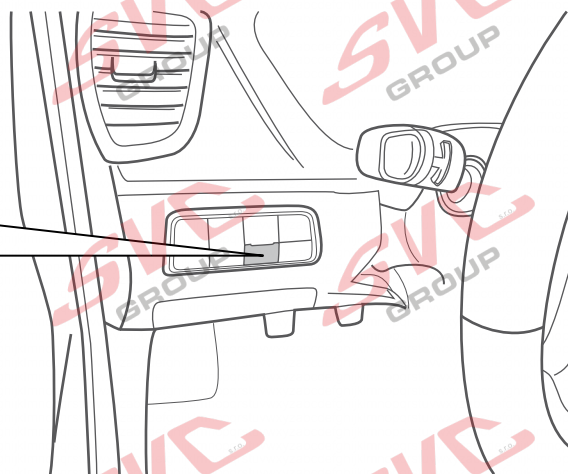
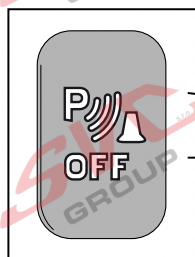


Option 1

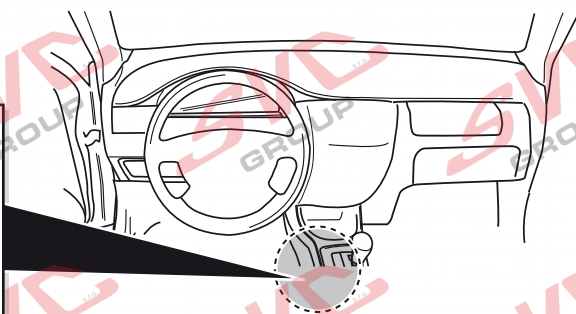
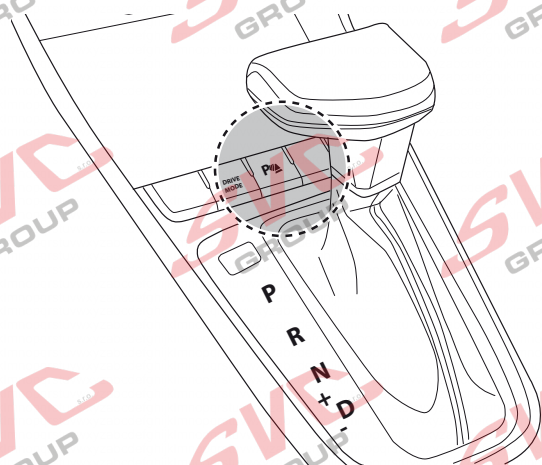
Vehicles with Factory-Fitted PDC-System
Fahrzeuge mit werkseitig eingebauter Einparkhilfe

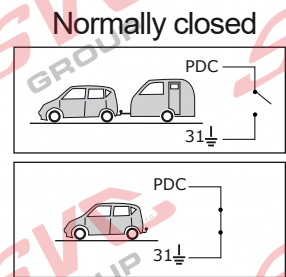
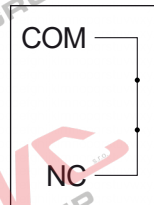
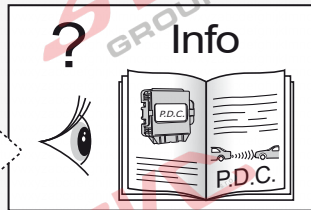
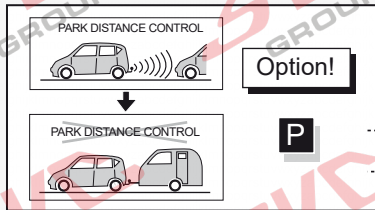


I20 2015 >> 09/2020



I20 09/2020 >>

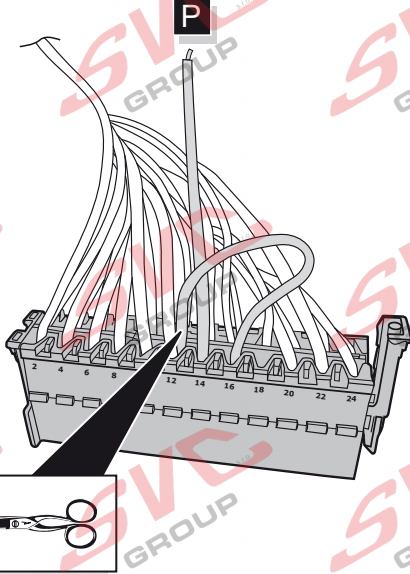




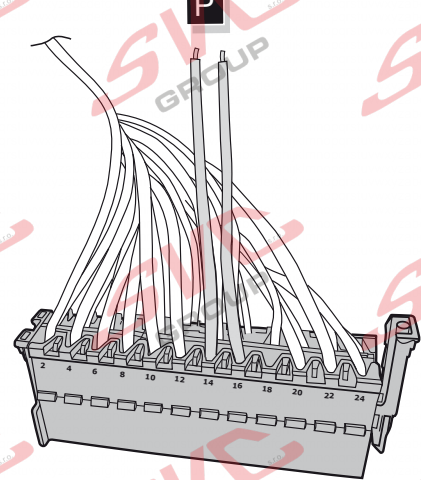
Option 2

For aftermarket installed PDC systems

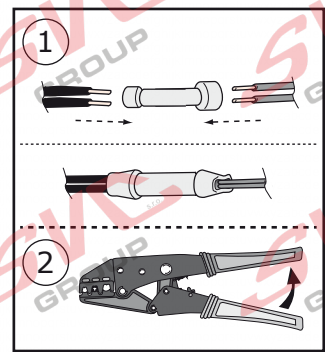
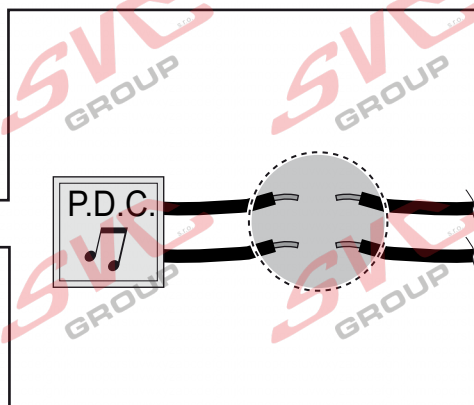
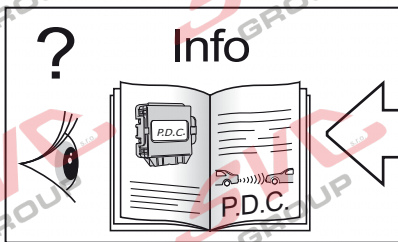
1



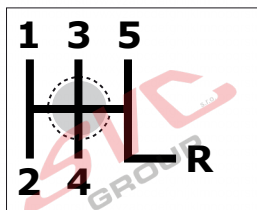
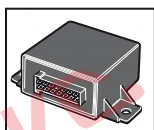
2



3

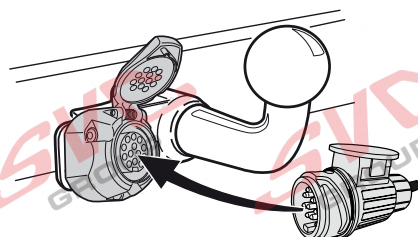


1

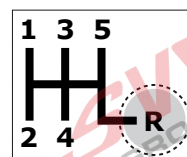


Neutral

2



3

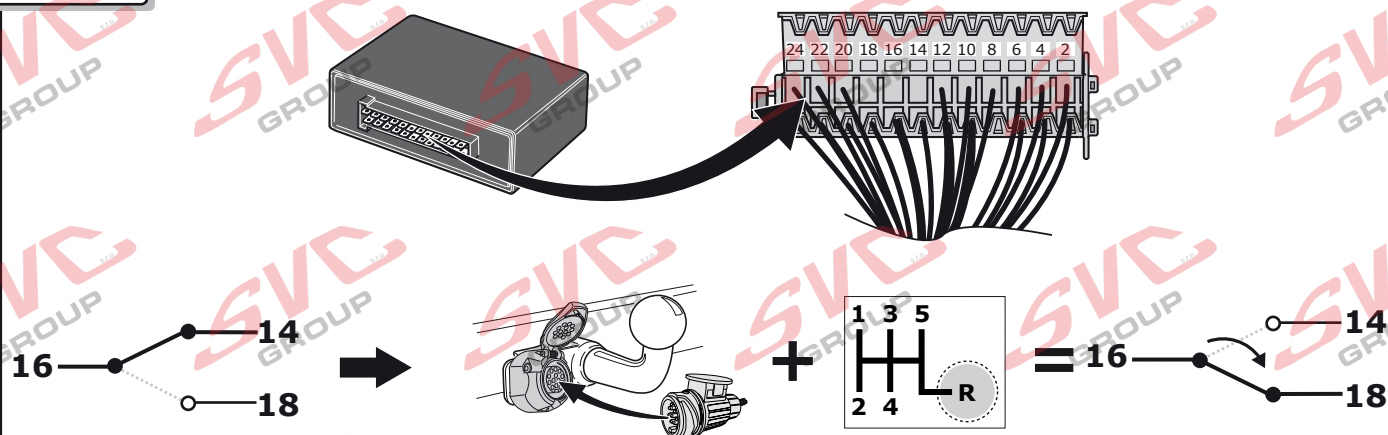


4

TEST

AUTO PARK-SENSOR SWITCH-OFF FUNCTION WITH THE 5C040 and 5C046 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 trekhaak-bekabeling-set aan zoals aangegeven bij optie 1. Bij deze aansluiting zal het ECS systeem 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.

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 pin 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-system 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 indiqué 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, choisissez alors seulement les localisations F et G, de sorte que le radar à l'avant ne soit pas désactiver.

OPTION 2 Si le radar de recul (**PDC**) a un fil spécifique (**MUTE**): Contrôler 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.

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

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

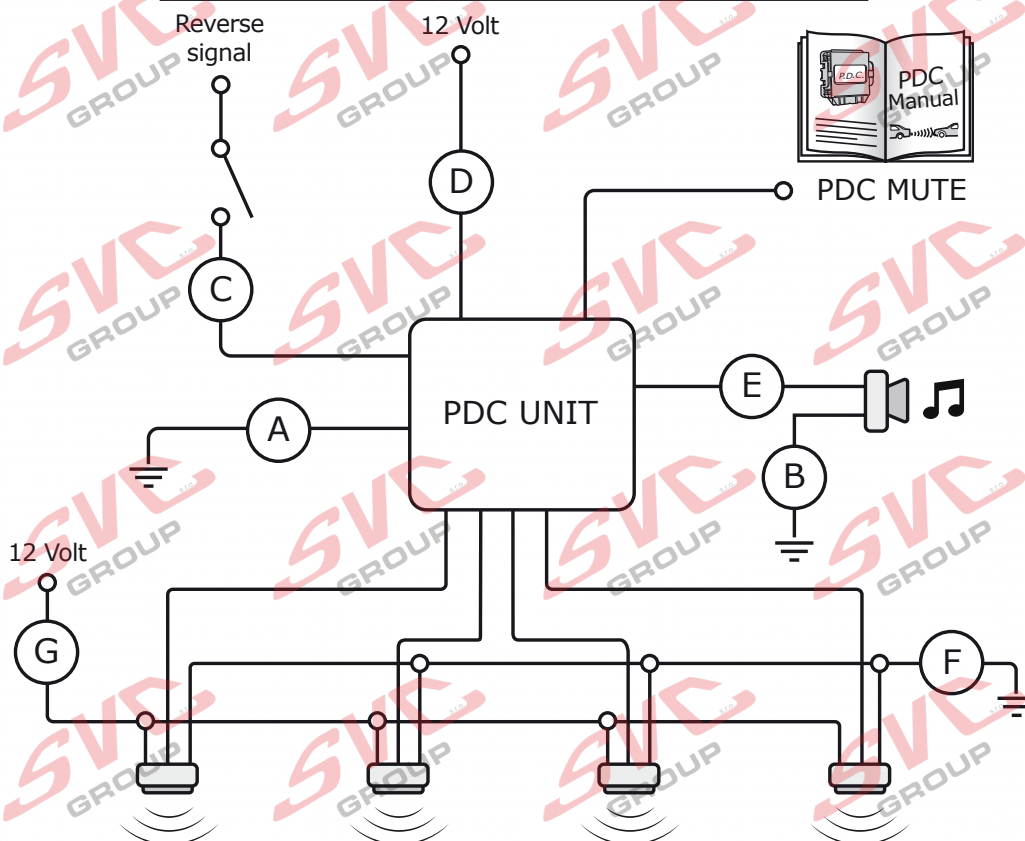
OPTION 1 Durchtrennen Sie den Draht an **einer** der Stellen von A bis G und schließen Sie den **ECS-Elektrosatz** wie in Option 1 angegeben an. Falls Sie eine Fehlermeldung erhalten, wählen Sie eine andere Position. Bei dieser Einstellung wird das ECS-System den betreffenden Draht unterbrechen, wenn 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 Pin 14 und 18 mit dem geforderten Signal aus der EPH-Montageanleitung. **Vorsicht**, ein falscher Anschluss kann ernste Beschädigungen am EPH-System verursachen.

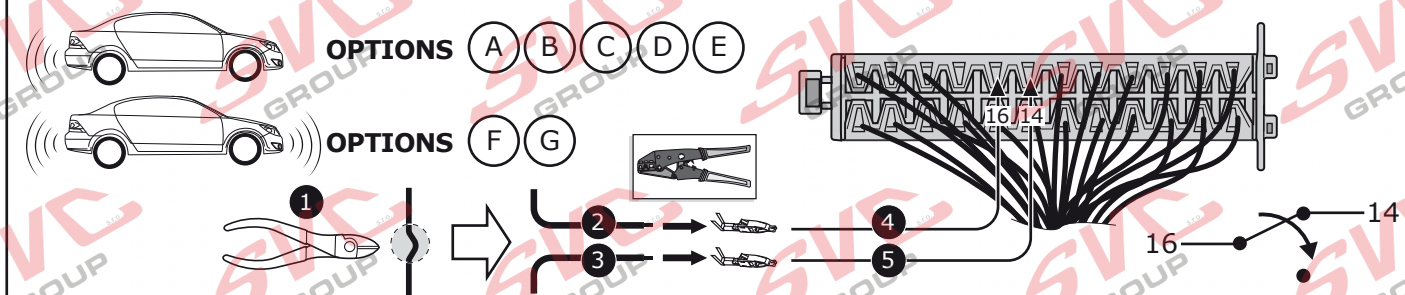
Prüfen Sie nach der Montage die korrekte Funktion des EPH-Systems und das Fahrzeug auf Fehlermeldungen.

AUTO PARK-SENSOR SWITCH-OFF FUNCTION WITH THE 5C040 and 5C046 ECU.

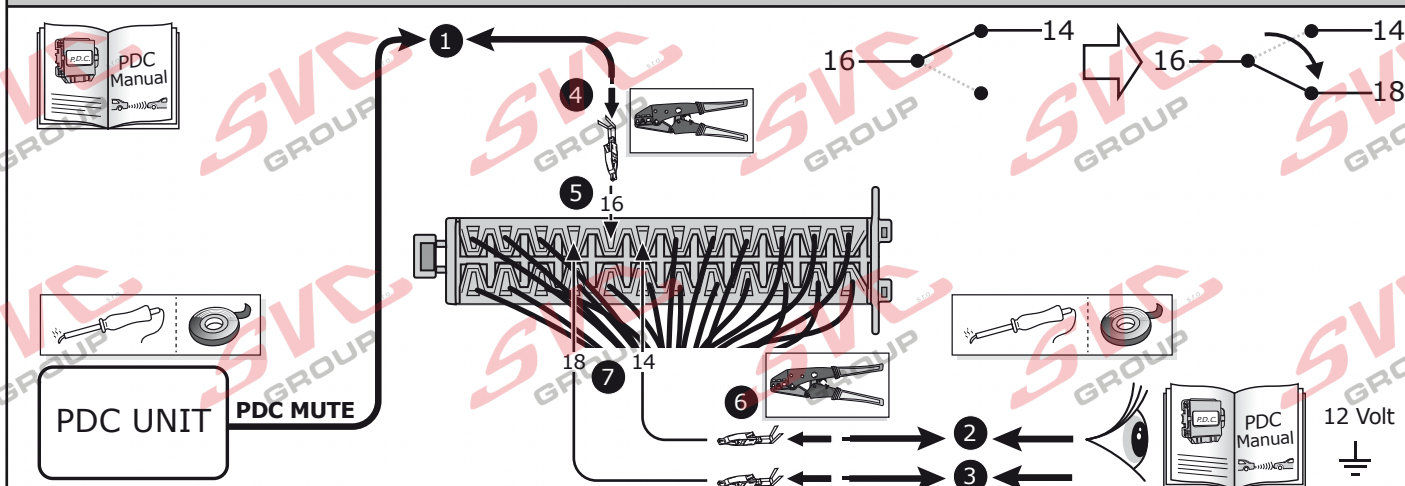
AFTER MARKET / NON-OE PARKSENSOR-SYSTEM



OPTION 1, NO PDC MUTE

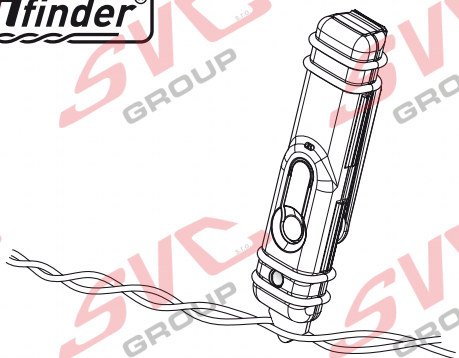


OPTION 2, PDC MUTE

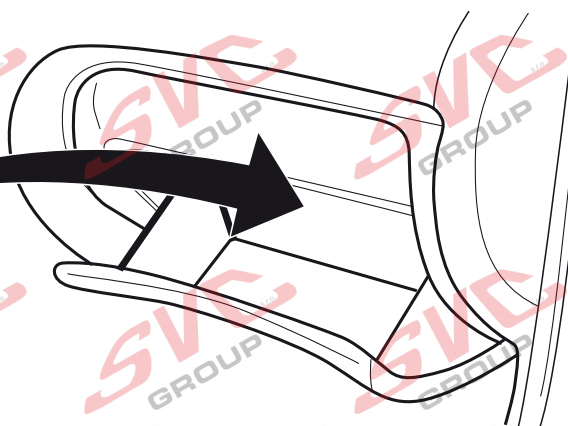
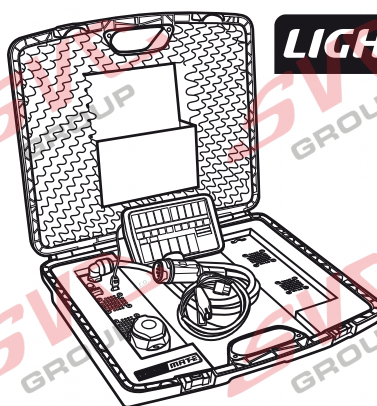


Products & Service: <https://www.ecs-electronics.nl/test-equipment>

CANfinder®



LIGHT MATE®



**FITTERS
TECHNICAL
SUPPORT**

**CALL
FREE
00800
2255
2327**

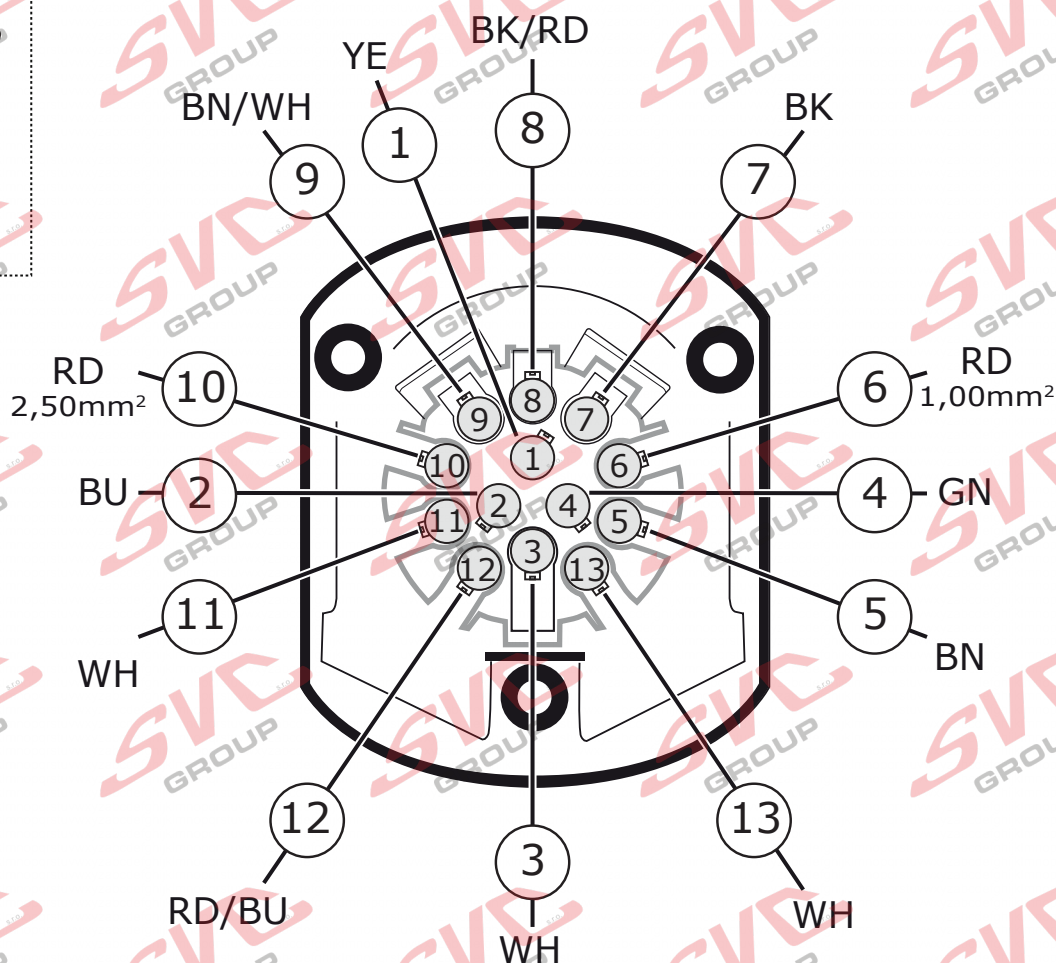
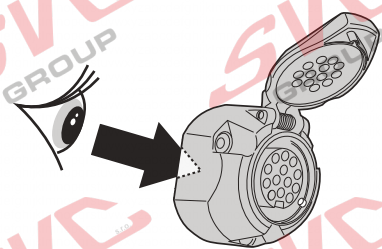


MONDAY TO FRIDAY
08.00 - 12.00
13.00 - 17.00

ts@ecs-electronics.nl
www.ecs-electronics.nl
tel: +31 (0)76 573 0020

INFO

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



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

DIN/ISO 11446	1/L	2	3/31	4/R	5/58-R	6/54	7/58-L	8	9	10	11	12	13
Pmax	21W	2x21W		21W	52W	3x21W	52W	2x21W	OPTION	OPTION			
	YE	BU	WH	GN	BN	RD 1,00mm²	BK	BK/RD	BN/WH	RD 2,50mm²	WH	RD/BU	WH

COLORTABLE

	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	Blue	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	Grøn	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	Ροζ	Κόκκινο
(NO)	Svart	Brun	Blå	Grå	Grønn	Hvit	Gul	Oransje	Lilla	Rosa	Rød
(PL)	Czarny	Brązowy	Niebieski	Szary	Zielony	Biały	Żółty	Pomarańczowy	Purpurowy	Różowy	Czerwony

Nevíte si rady? Potřebujete poradit?

Náš zákaznický servis je vám k dispozici

 **+420 491 421 021**

 **svc@svcgroup.cz**



Opravdový specialista a Certifikovaný výrobce tažných zařízení
s největším sortimentem v ČR. Rodinná firma s více jak 30letou
ověřenou tradicí výroby, prodeje a montáže.

www.svcgroup.cz