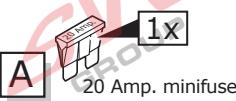
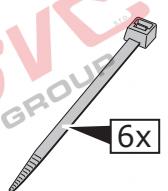
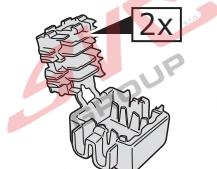


<b>SP-133-ZZ</b>	
<b>* OPTION</b>	
vorbereitung für	Braun/Weiß Hnědo/Bílá
préparation pour	Marron/Blanc Brun/Hvid
voorbereiding voor	Narancs/Rózsaszín Ruskea/Valkoinen
preparation for	Brown/White Kárpé/Λευκό
preparazione per	Marrón/Blanco Brun/Hvit
förberedelse för	Marrone/Bianco Brun/Hvit
příprava pro	Brązowy/Biały
forberedelse for	Brun/Vit
valmistelu varten	
Prostoujotia για	
forberedelse på	
przygotowanie do	

	DE Braun/Weiß FR Marron/Blanc NL Brown/Wit GB Brown/White ES Marrón/Blanco IT Marrone/Bianco SE Brun/Vit		DE Hnědo/Bílá FR Brun/Hvid NL Ruskea/Valkoinen GB Kárpé/Λευκό ES Brun/Hvit IT Brun/Hvit SE Brun/Vit
	DE Rot FR Rouge NL Rood GB Red ES Rojo IT Rosso SE Röd		DE Červená FR Rød NL Punainen GB Kõkkivio ES Röd IT Czerwony SE Czerwony



**INFO**

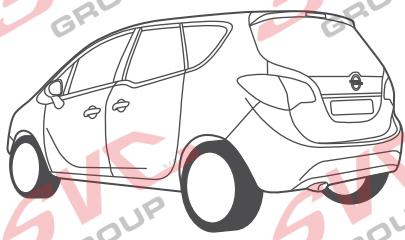
	BK	BN	BU	GY	GN	WH	YE	OG	PE	PI	RD	NL	BG
(DE)	Schwarz	Braun	Blau	Grau	Grün	Weiß	Gelb	Orange	Violett	Rosa	Rot	Naturfarben	Beige
(FR)	Noir	Marron	Bleu	Gris	Vert	Blanc	Jaune	Orange	Violet	Rose	Rouge	Nature	Beige
(NL)	Zwart	Bruin	Blauw	Grijs	Groen	Wit	Geel	Oranje	Paars	Roze	Rood	Naturel	Beige
(GB)	Black	Brown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

**INFO****Meriva B**

Page 4

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Page 7

**Zafira**

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-

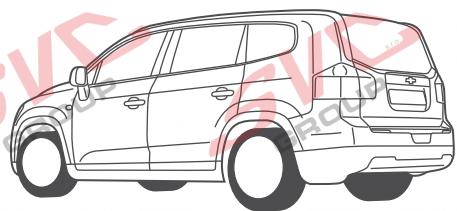
Page 11

**Saab 9-5**

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-

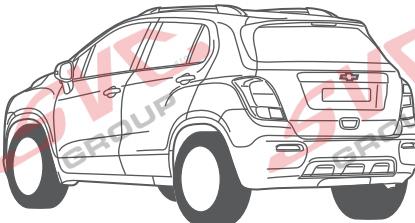
Page 15

**Orlando**

Page 16

-

Page 19

**Trax**

Page 20

-

Page 23

**Mokka**

Page 24

-

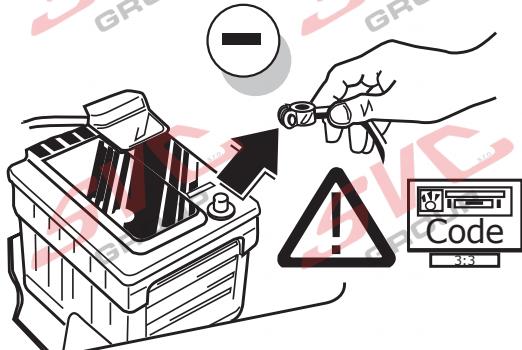
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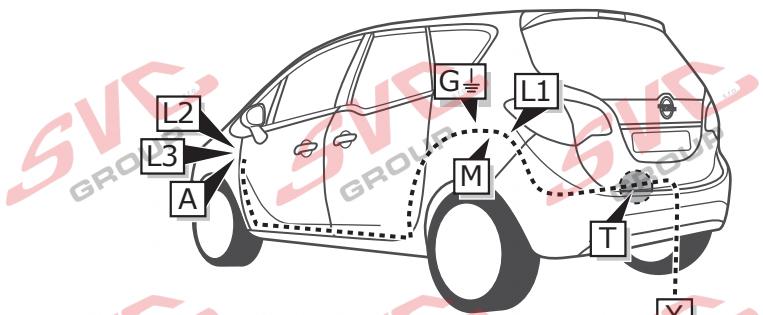
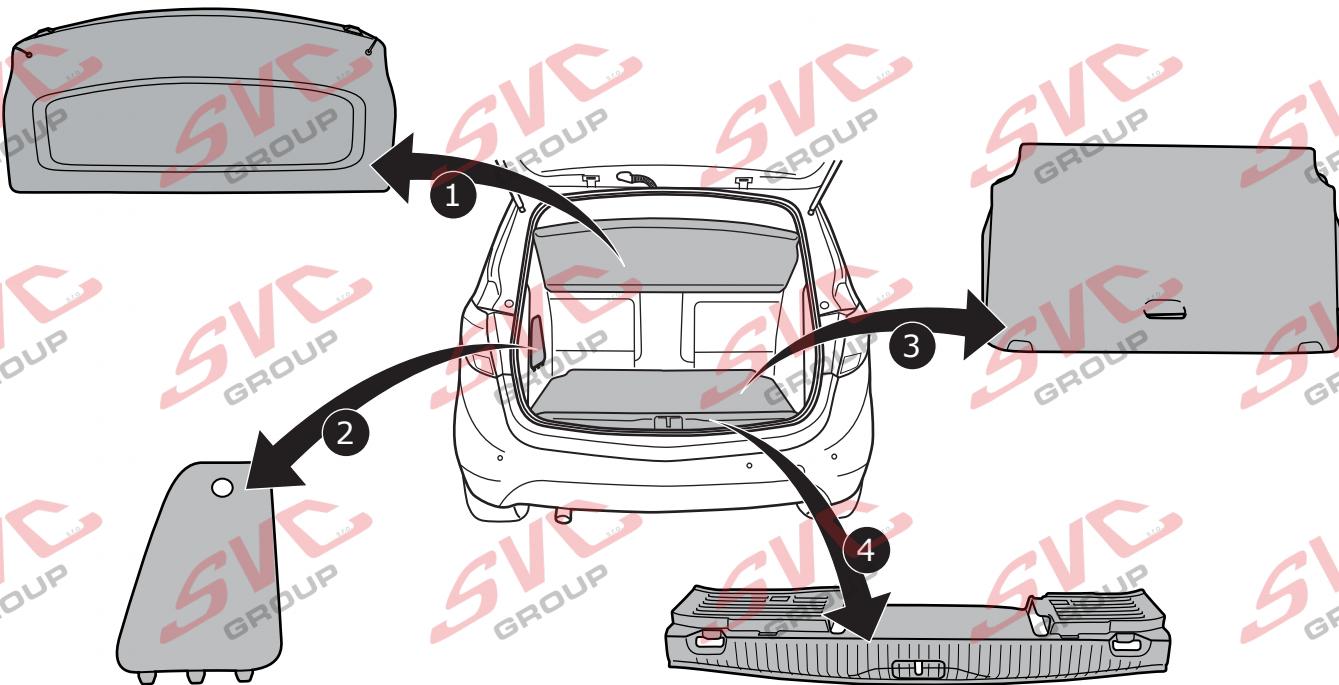
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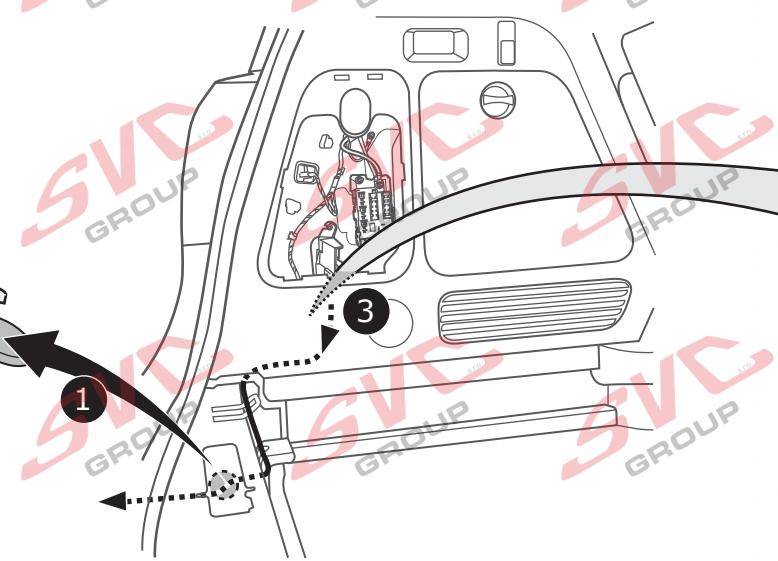
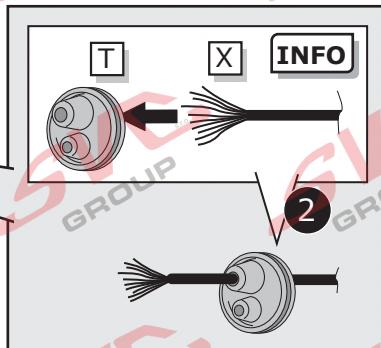
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**INFO**

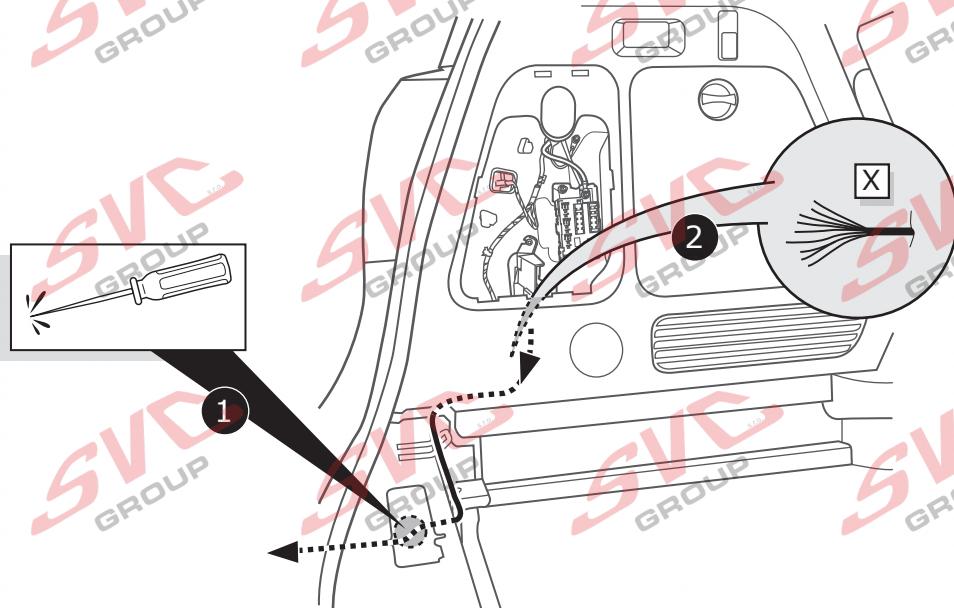
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-  
Page 7**1****2**

Option 1



3

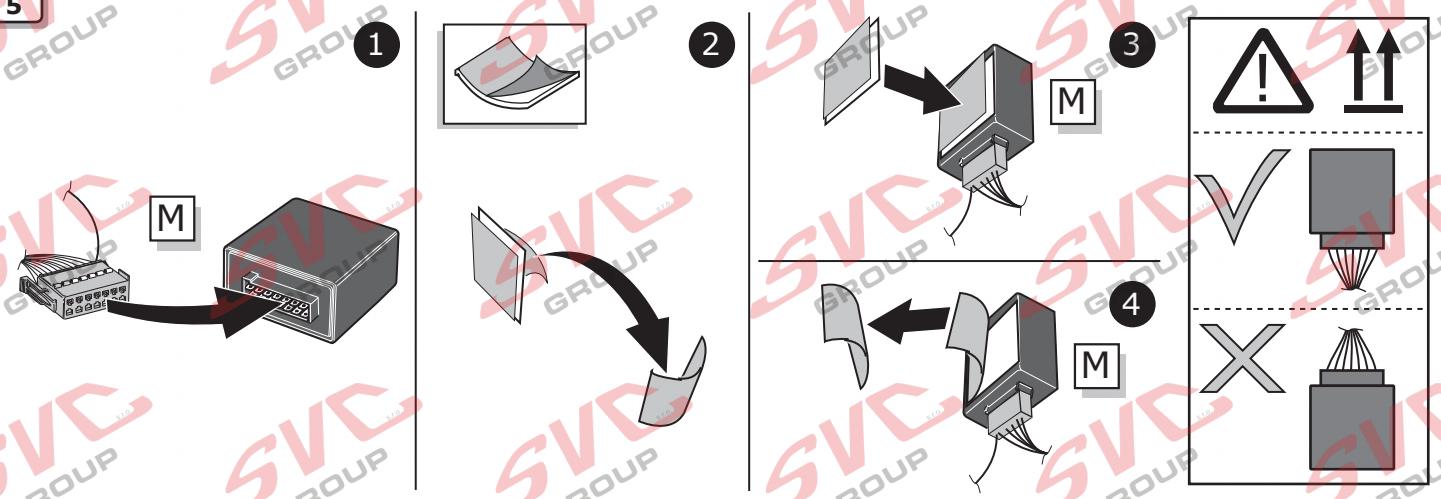
Option 2



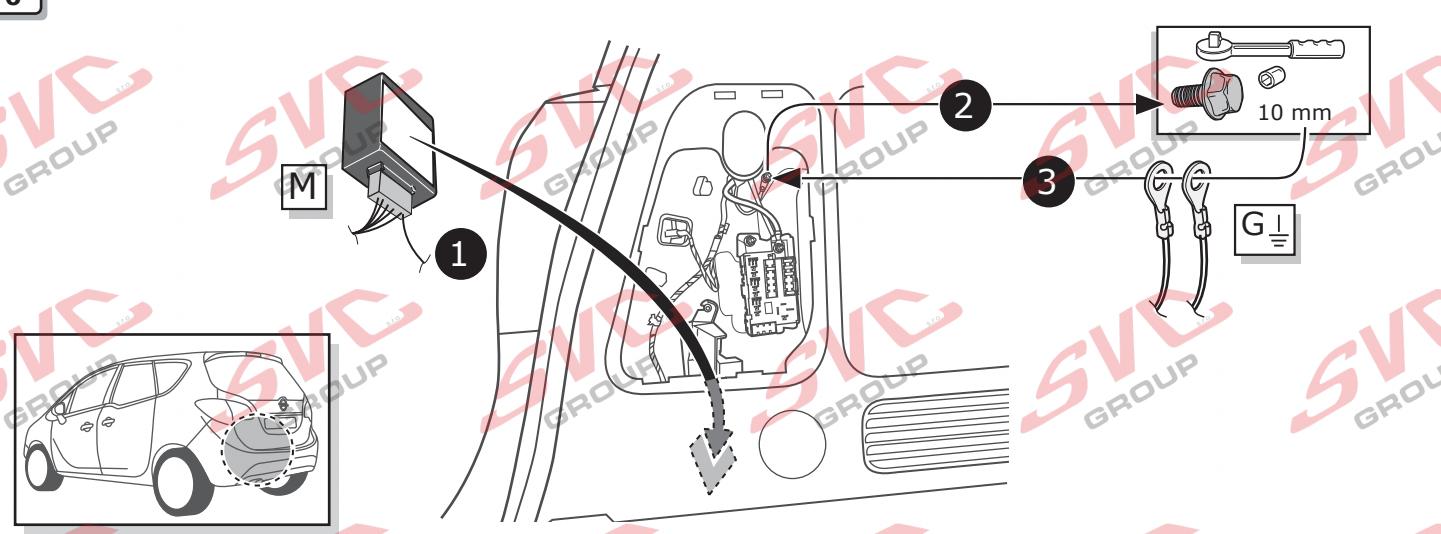
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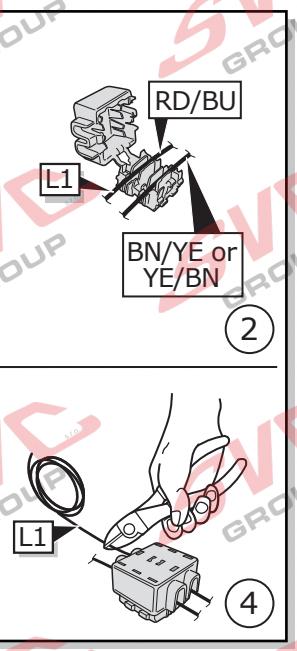
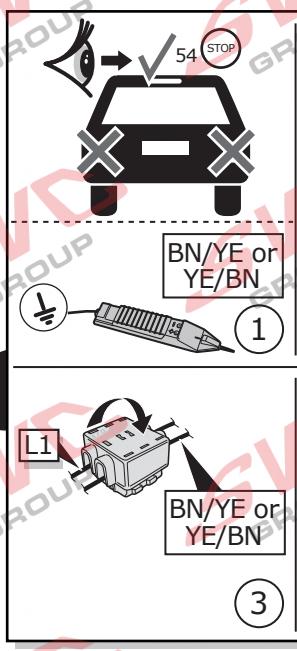
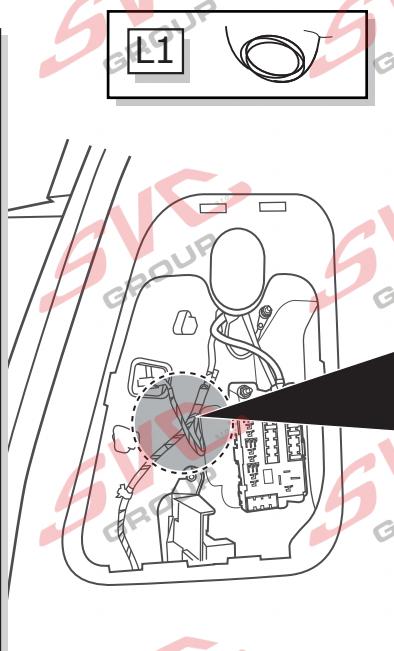
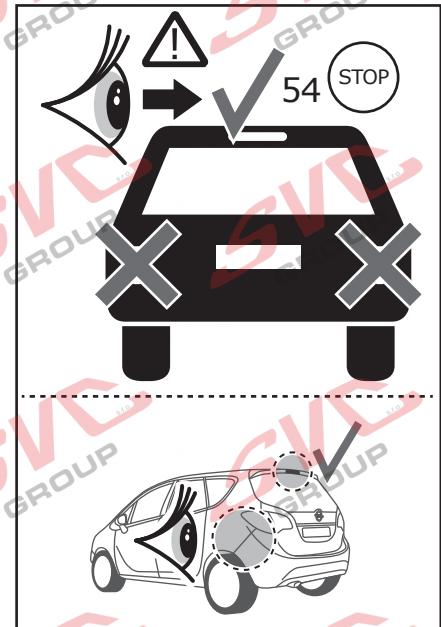
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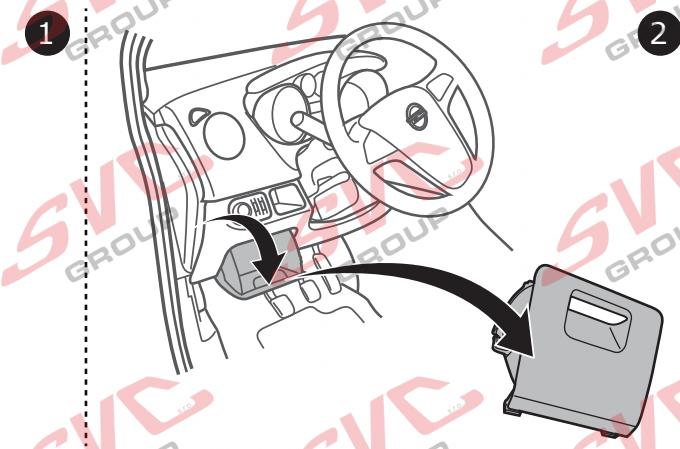
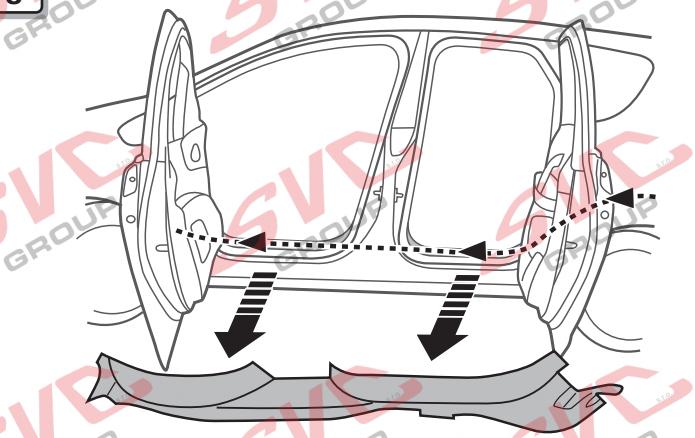
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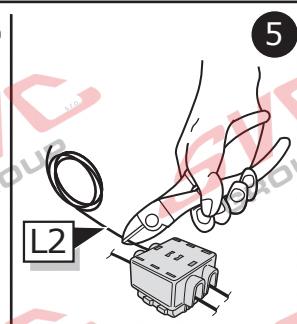
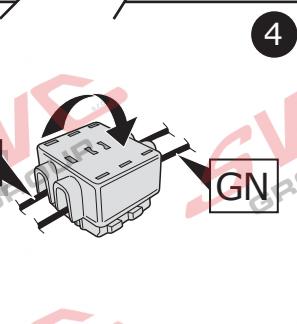
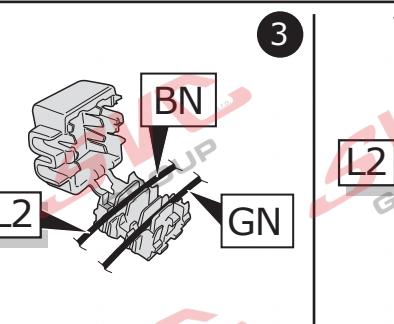
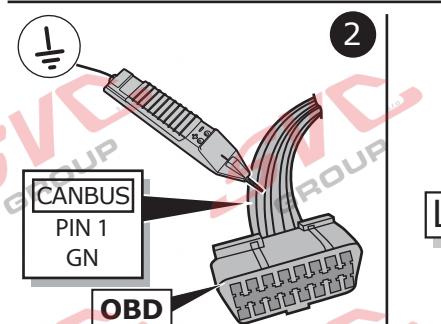
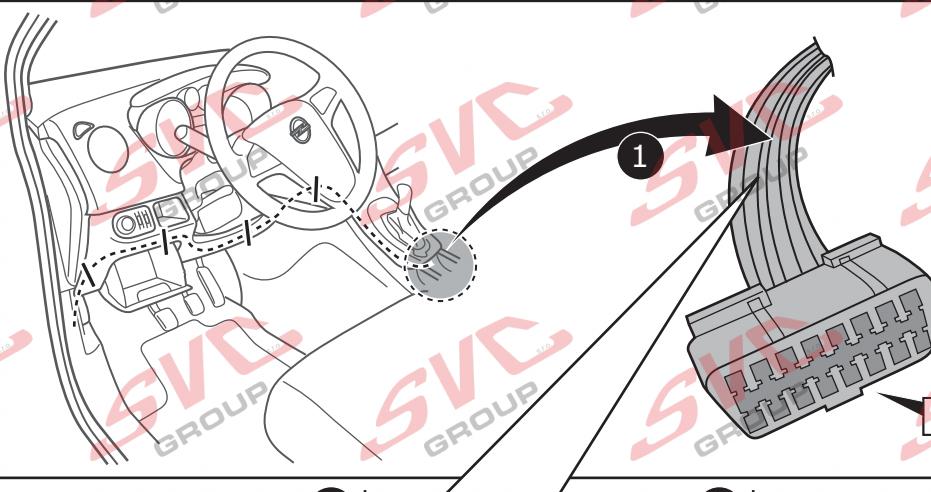
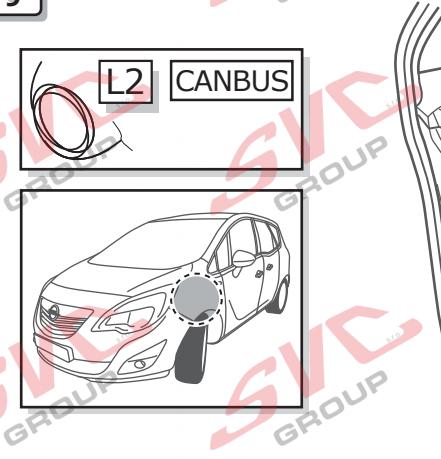
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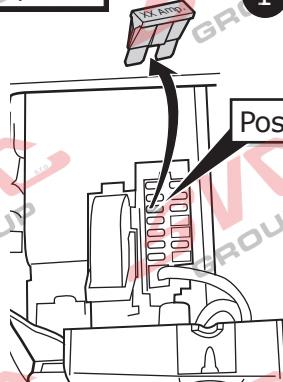
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10

Option 1

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Pos.3

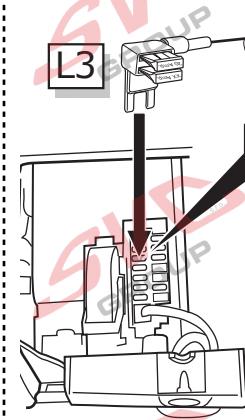
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L3

Pos.3

3



L3

Pos.3

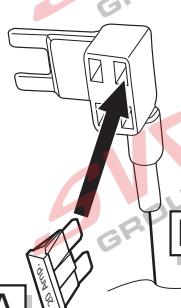
Option 2

1



L3

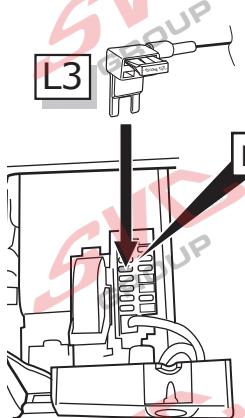
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L3

Pos.3

3

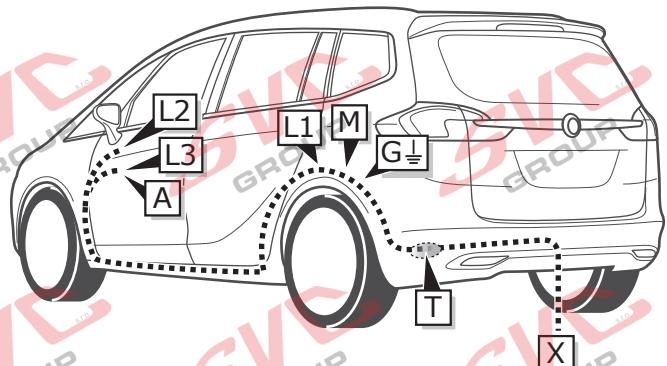
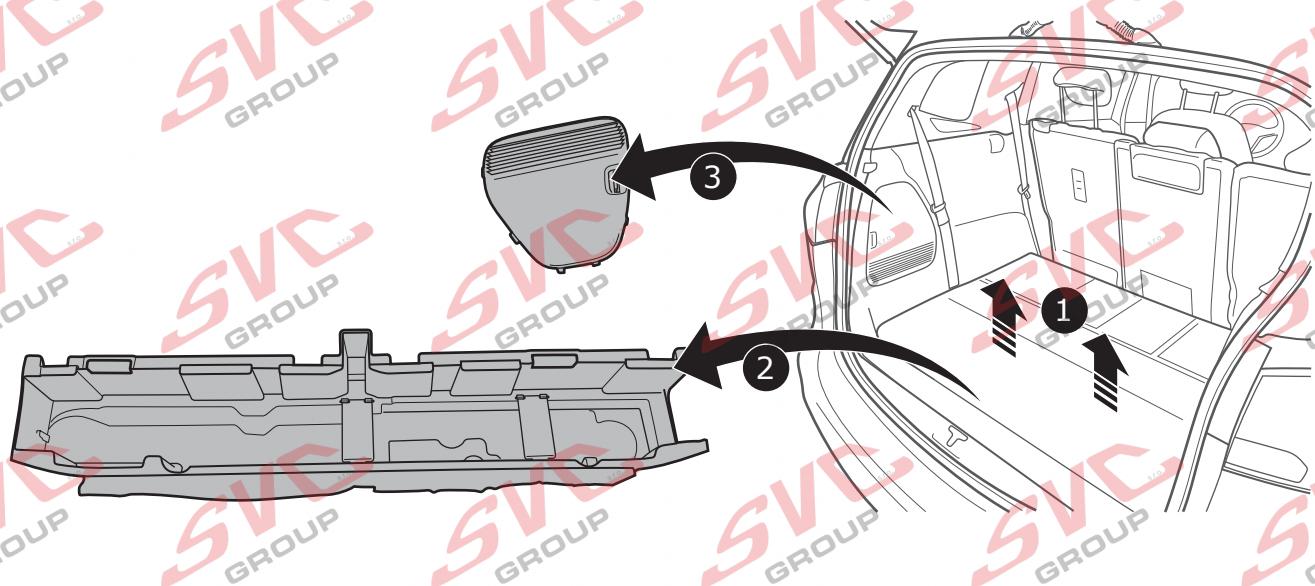
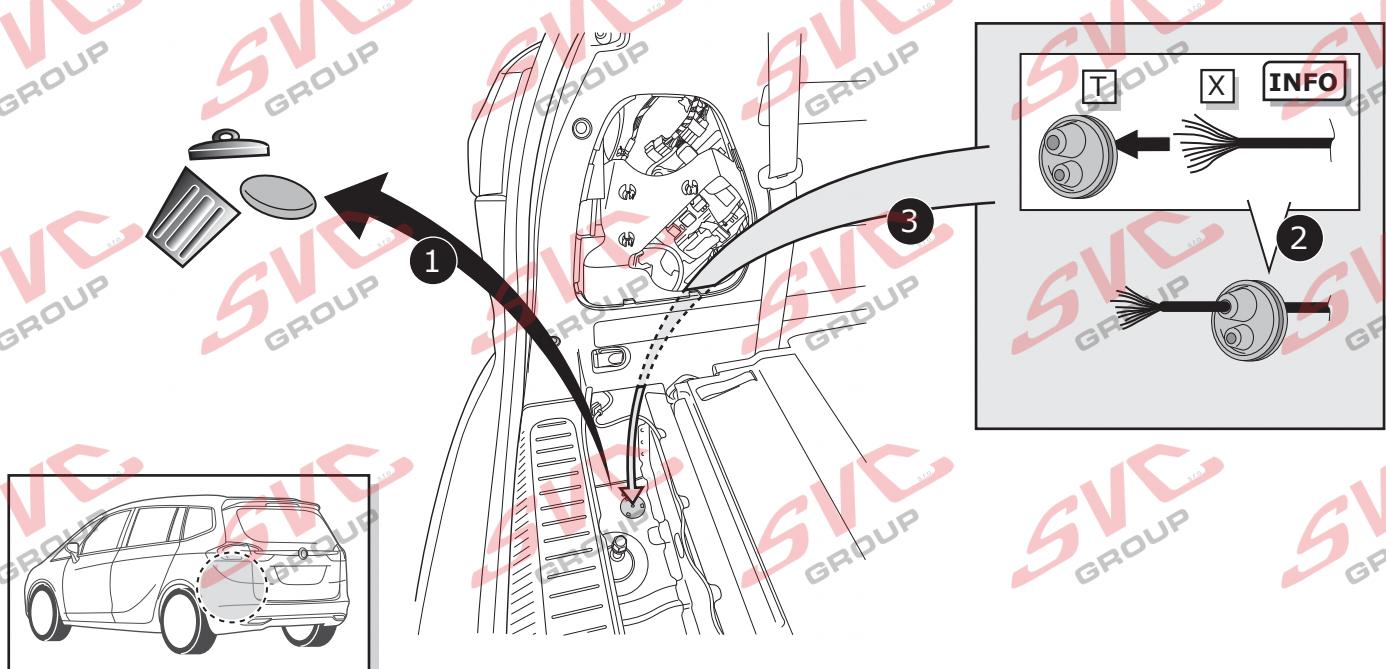


L3

11



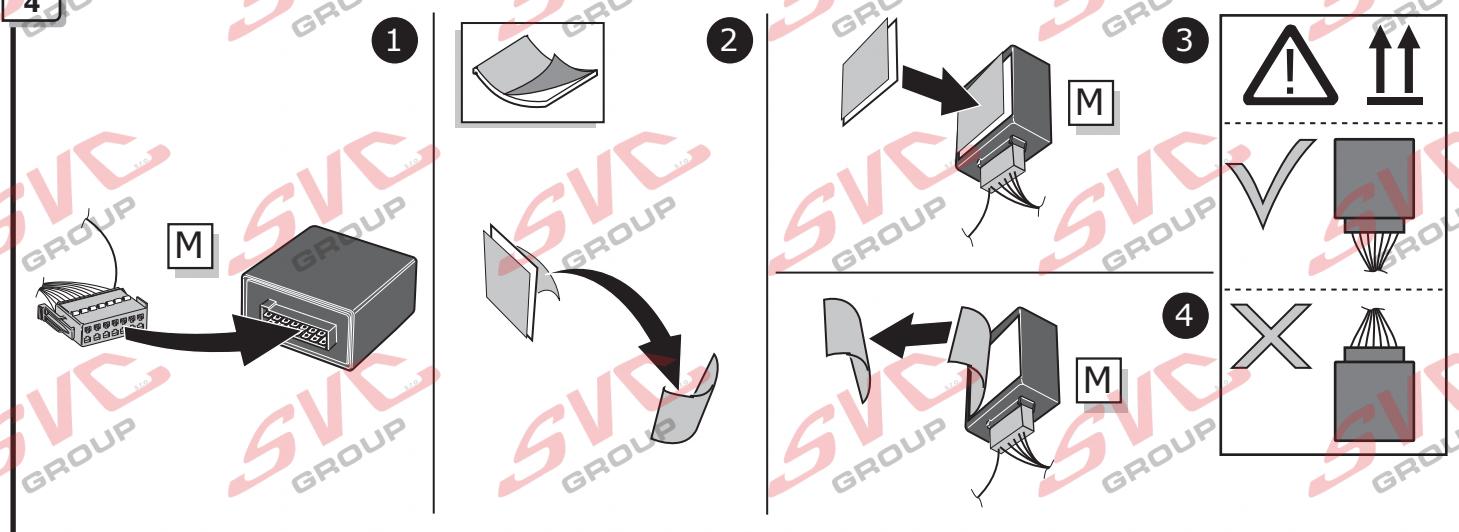
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**INFO****Zafira**Page 8  
-  
Page 11**1****2**

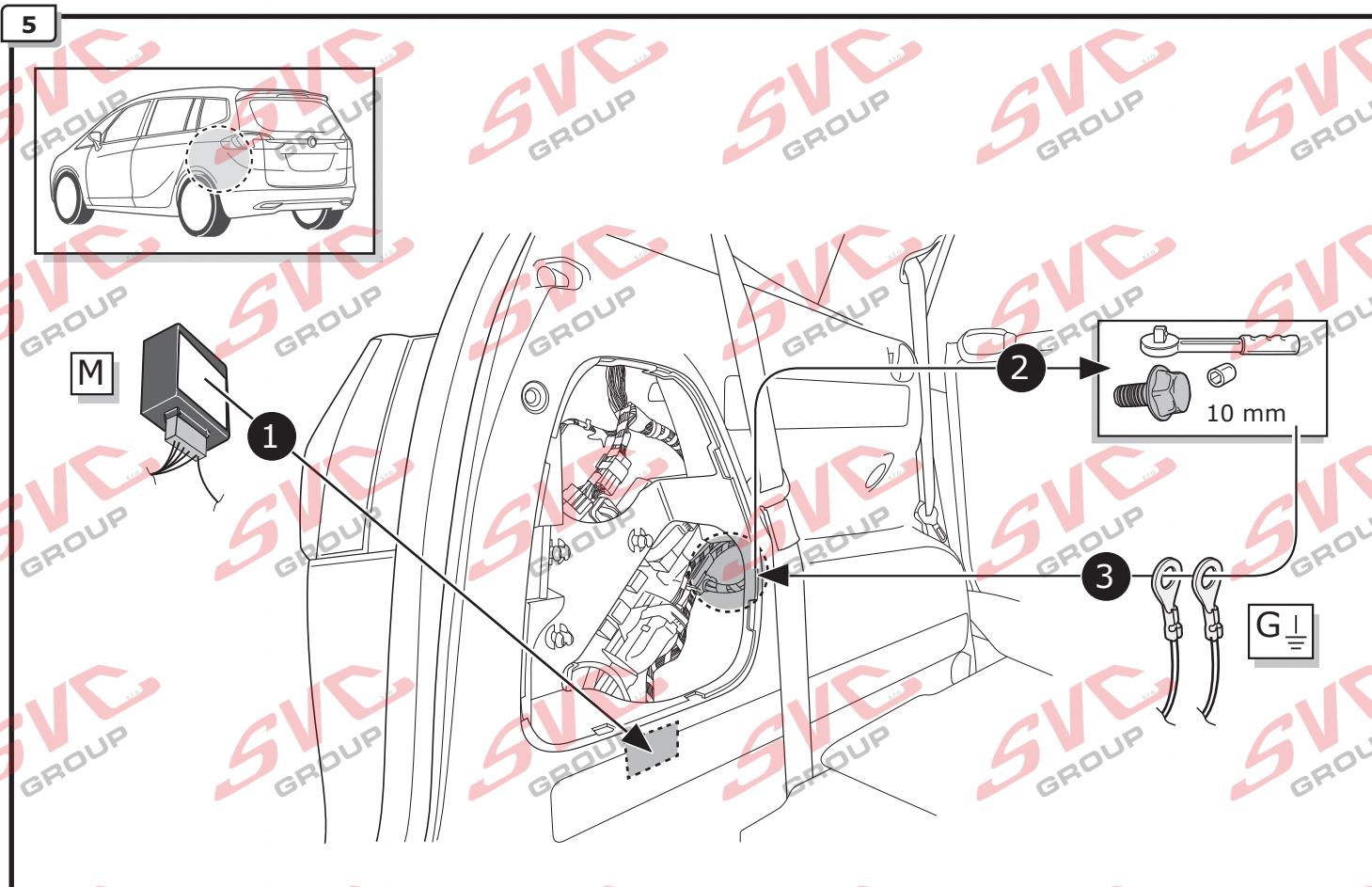
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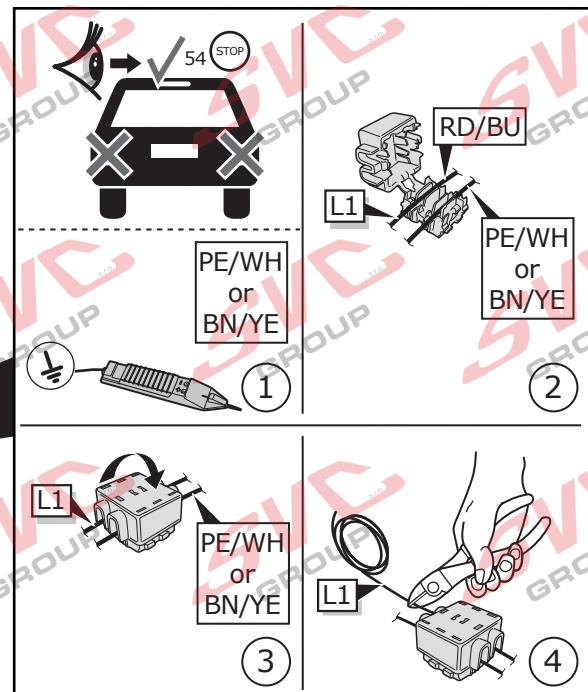
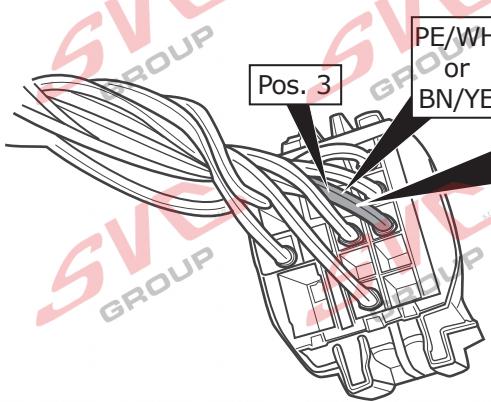
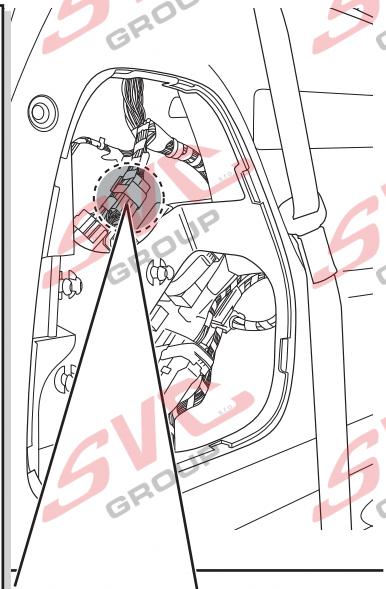
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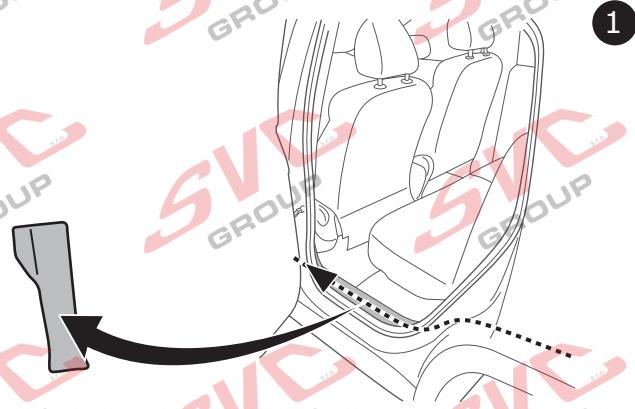
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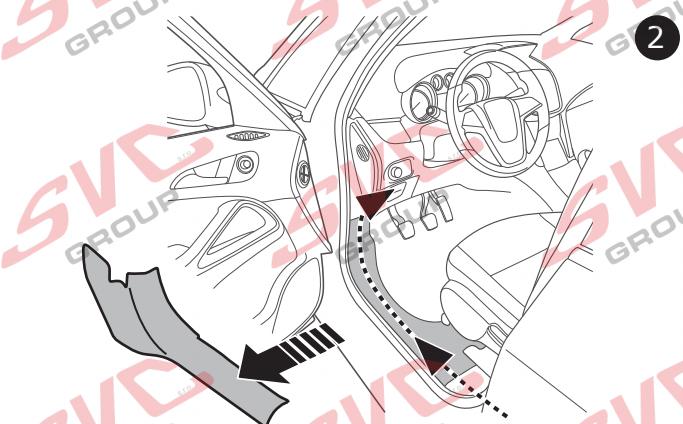
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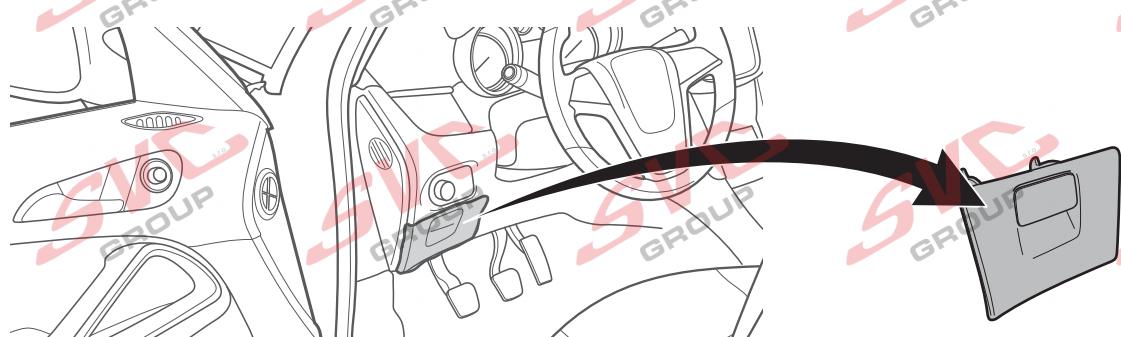
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1



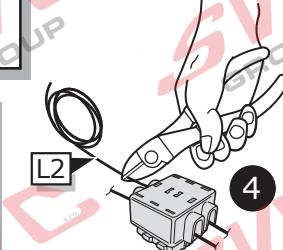
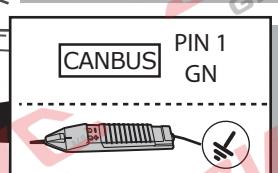
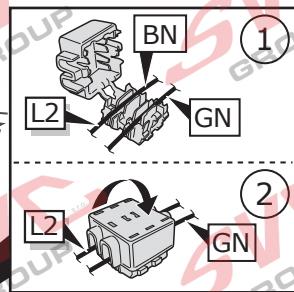
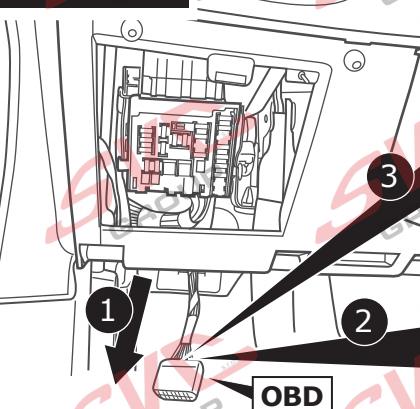
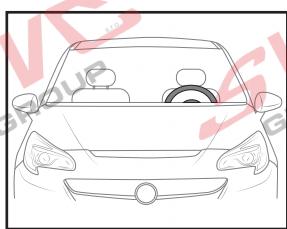
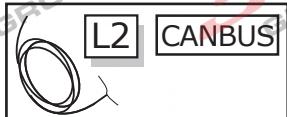
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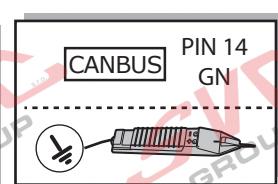
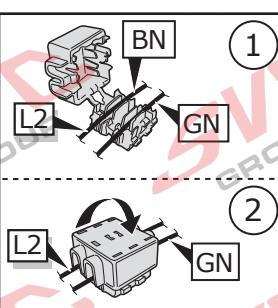
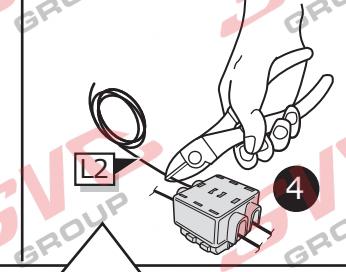
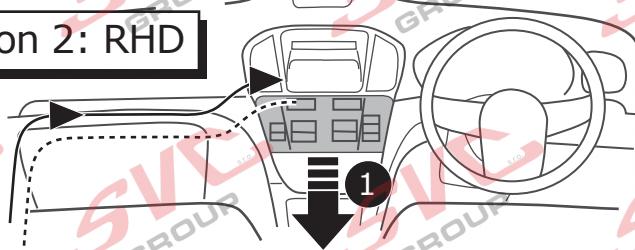
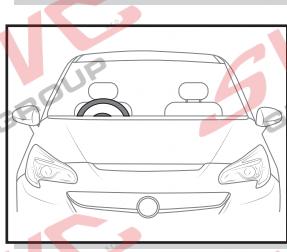
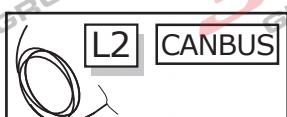
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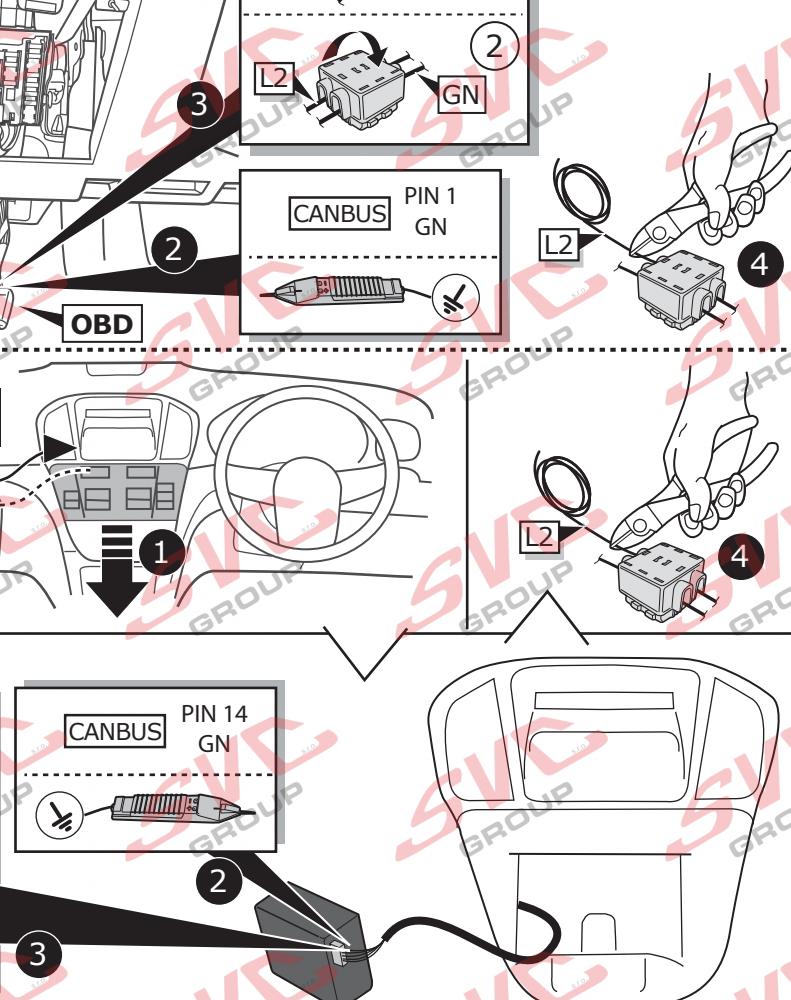
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### Option 2: RHD

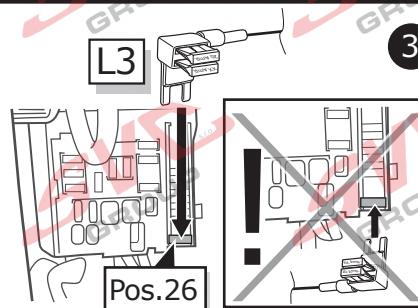
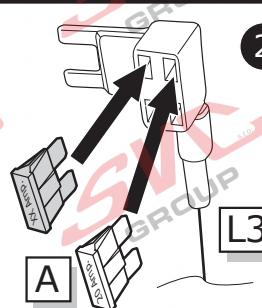
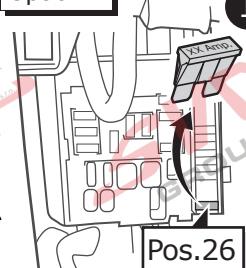


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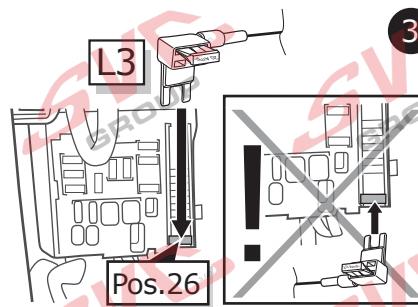
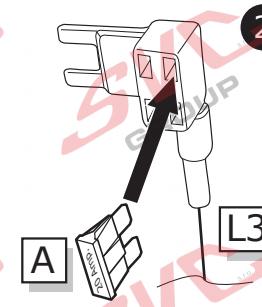
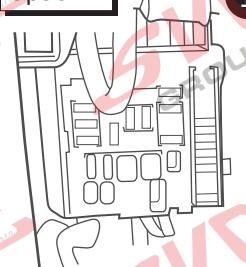


9

### Option 1



### Option 2



10

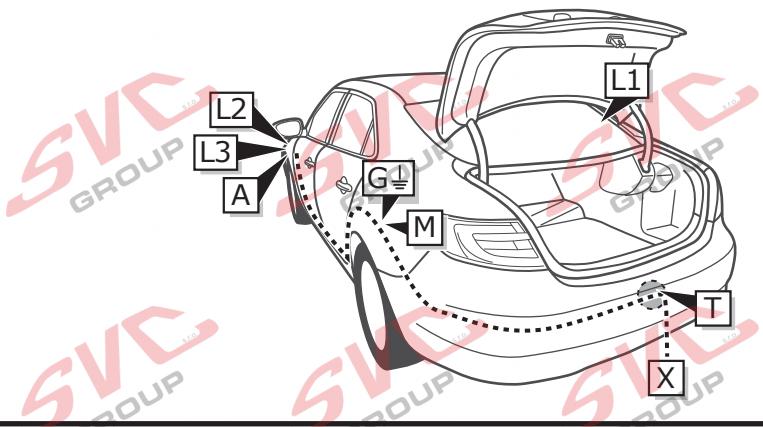
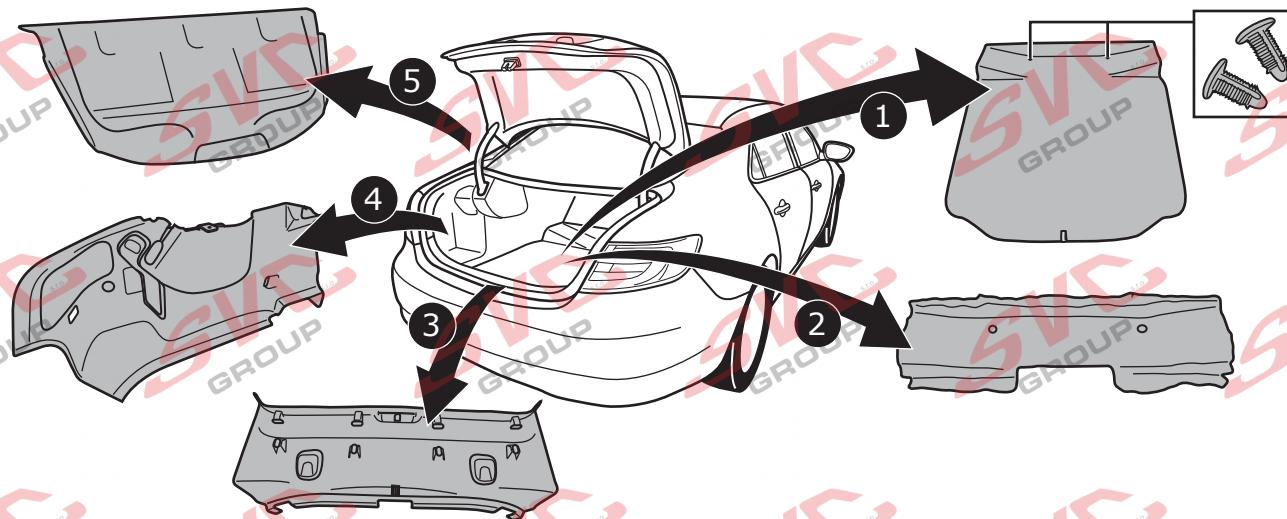
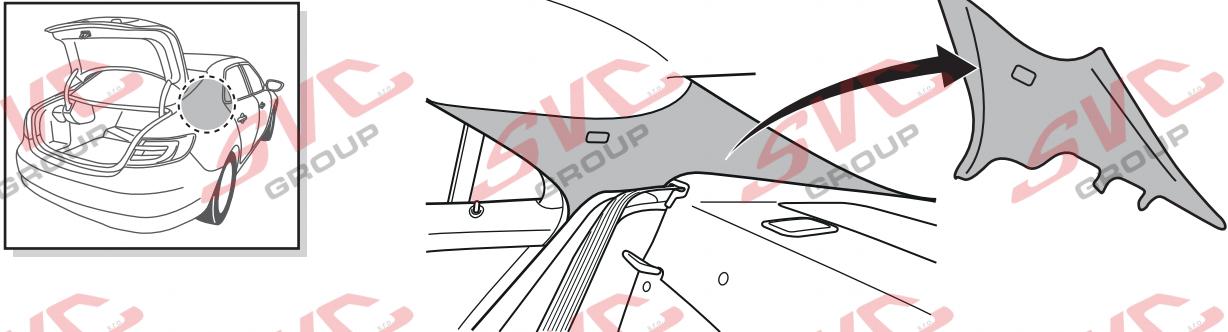
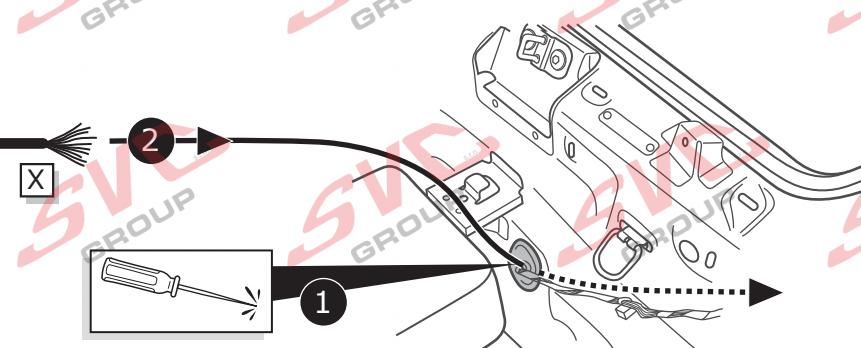
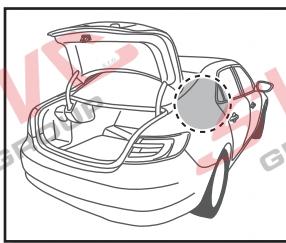


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**INFO****Saab 9-5**

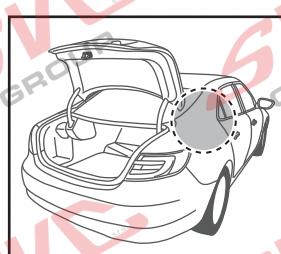
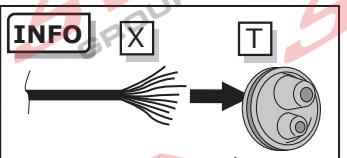
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**1****2****3****Option 1**

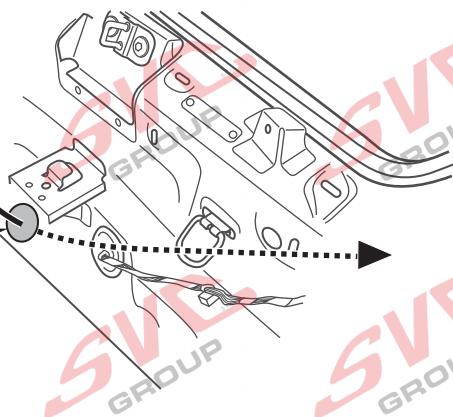
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Option 2



2

→ 3

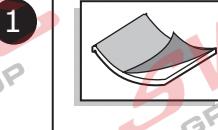


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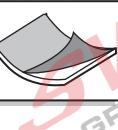


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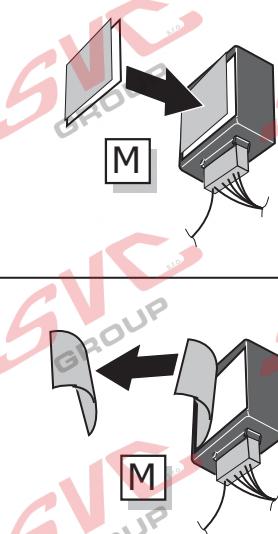
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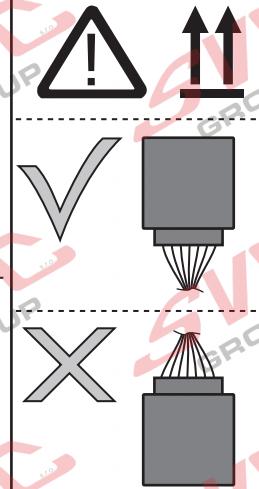
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2



3



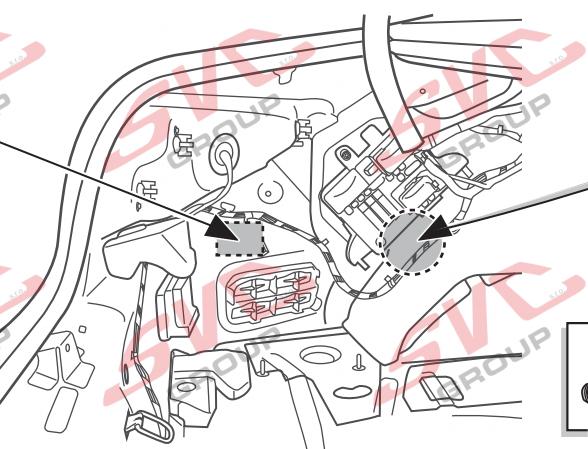
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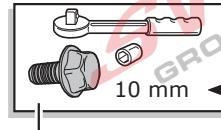


M

1



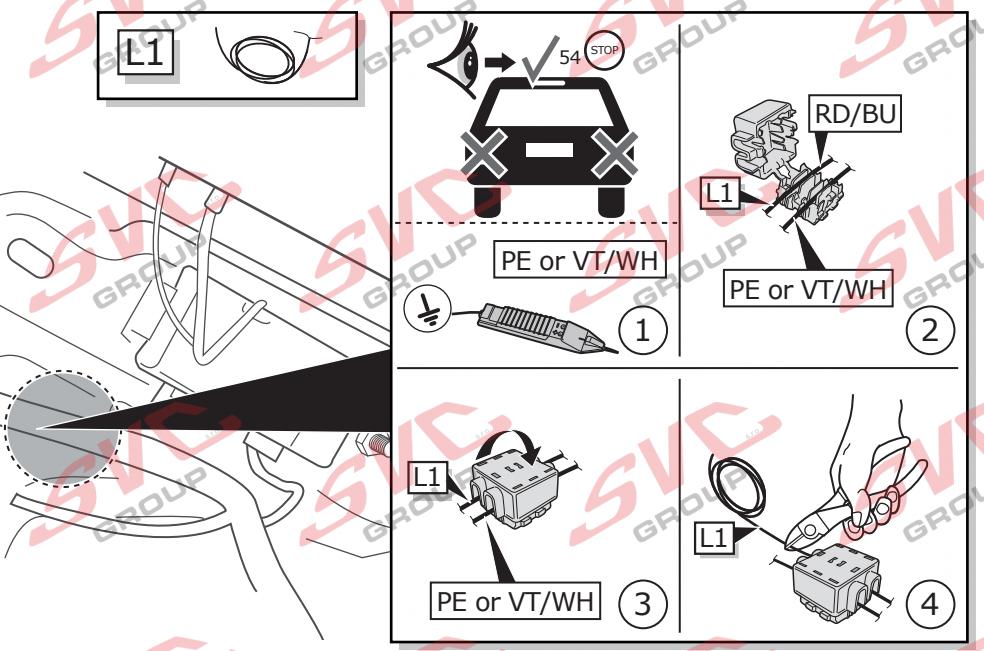
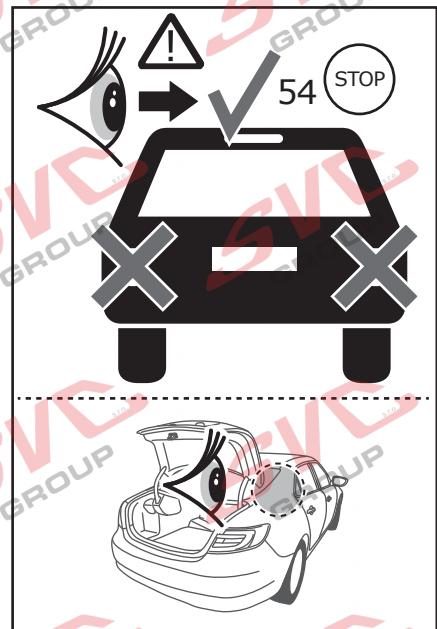
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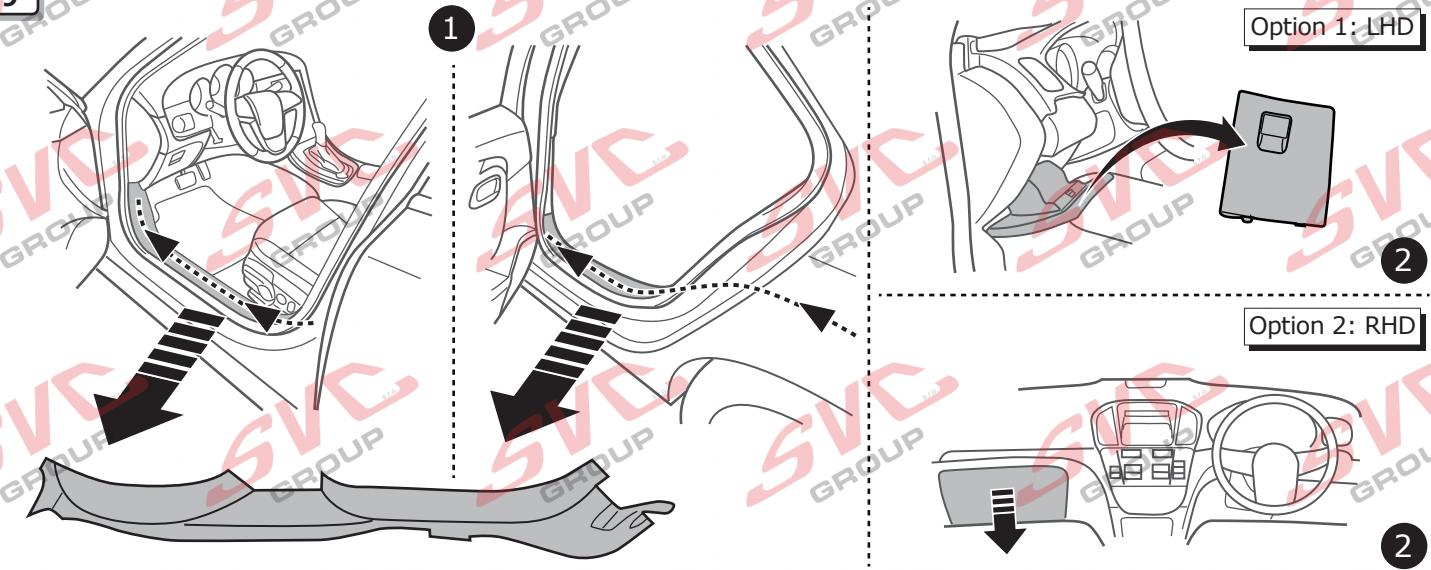
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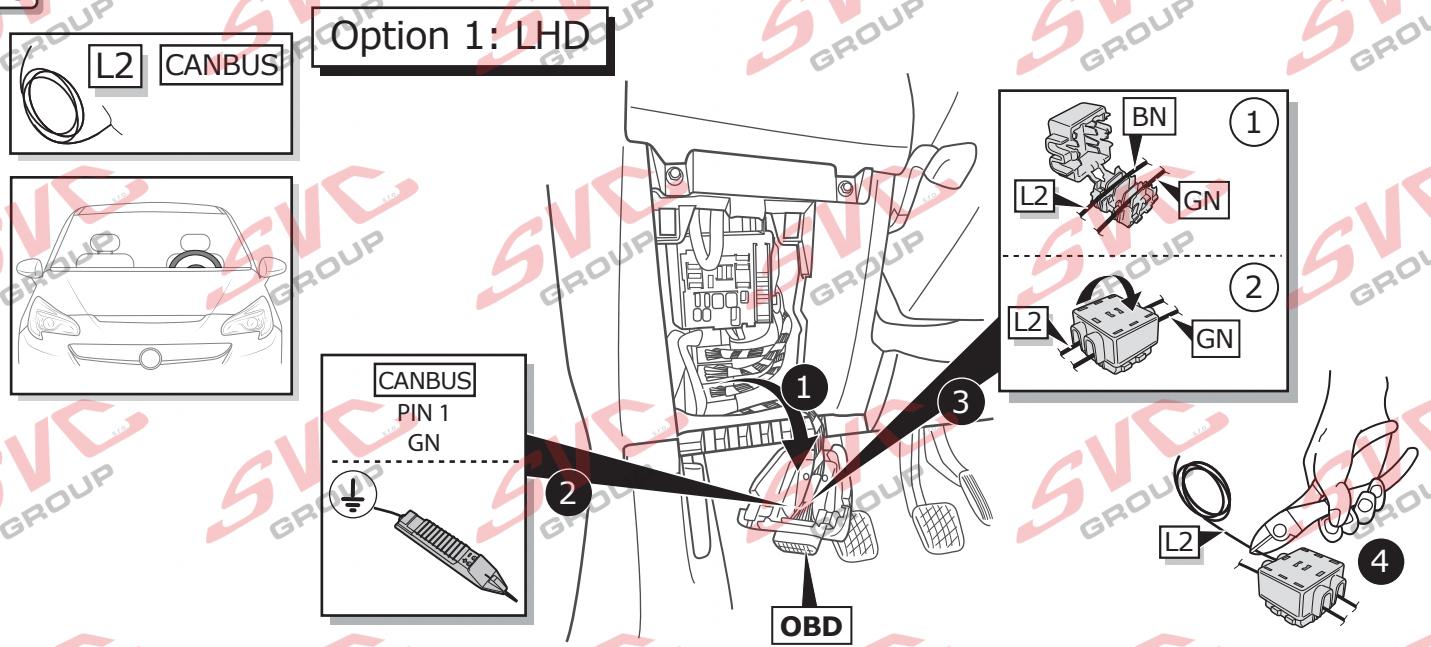
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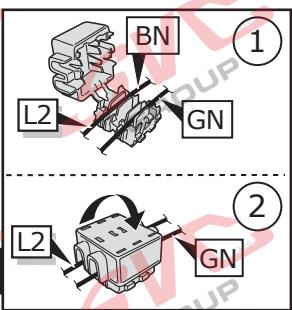
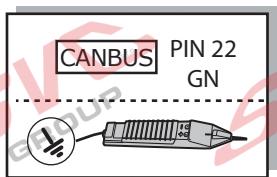
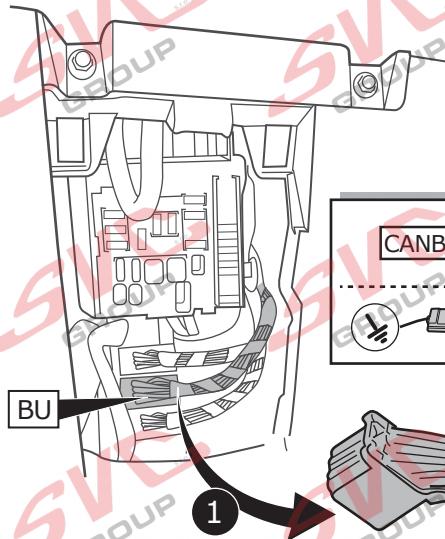
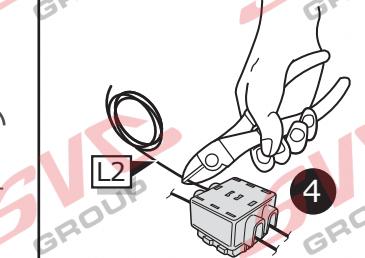
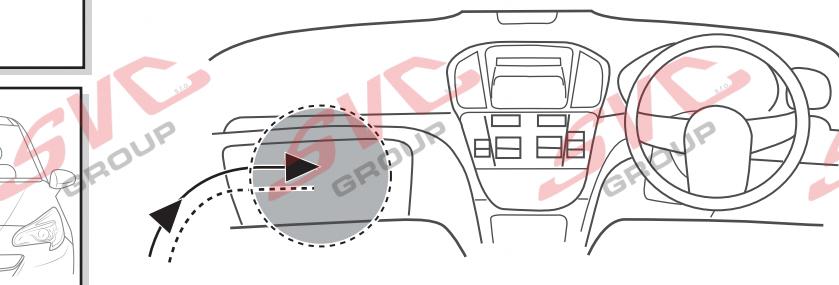
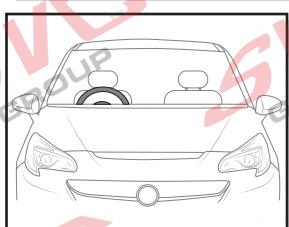


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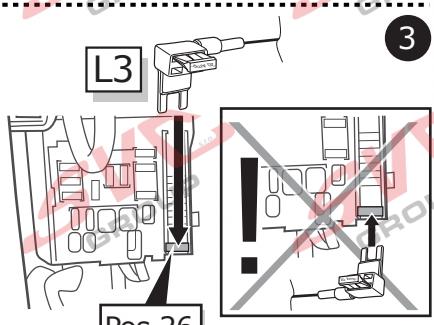
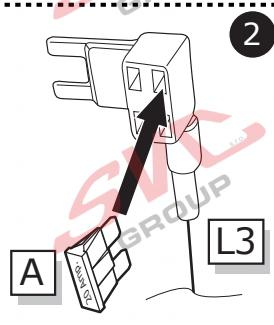
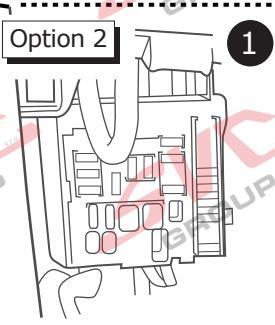
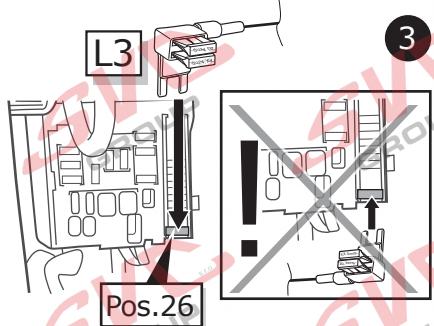
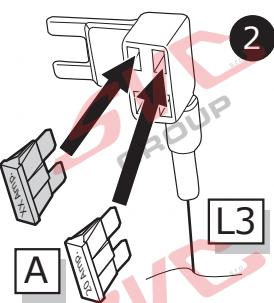
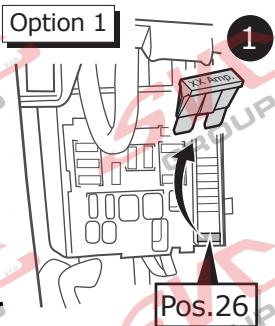


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## Option 2: RHD



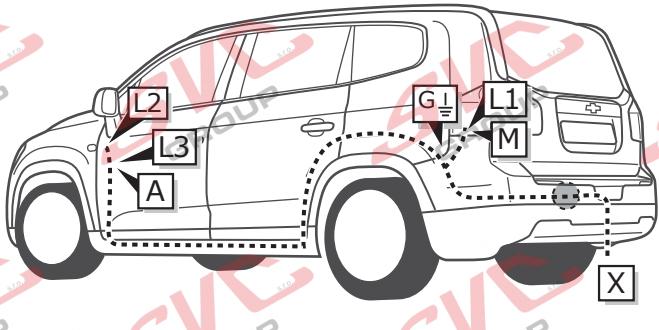
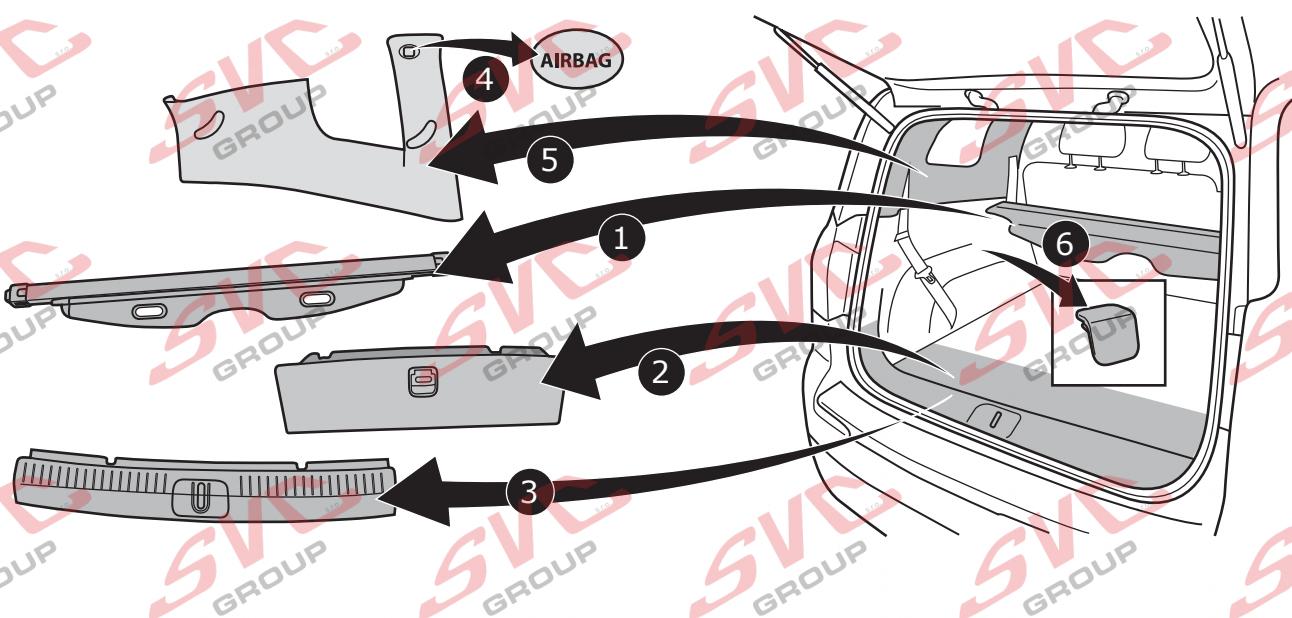
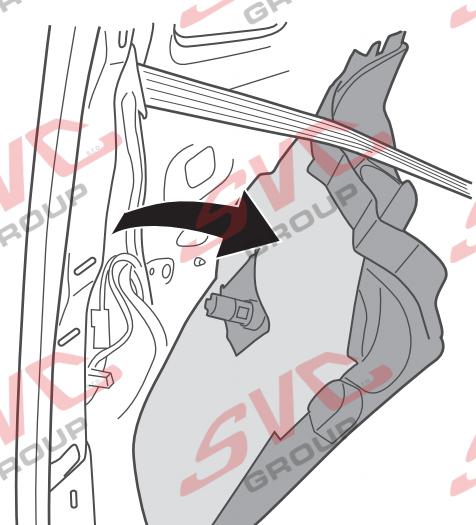
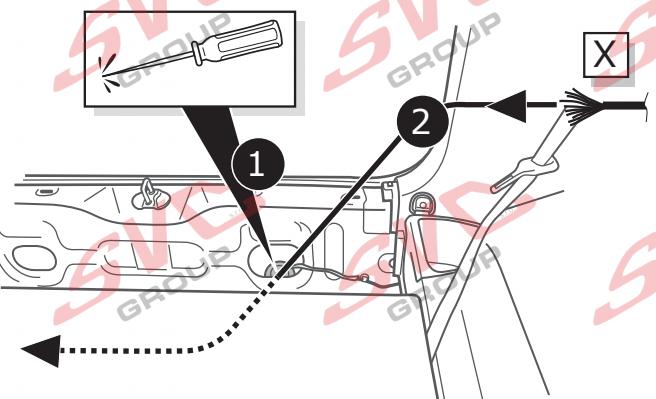
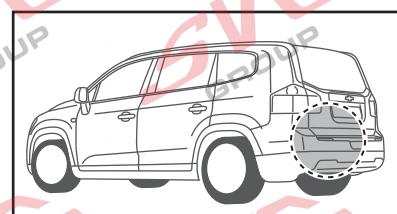
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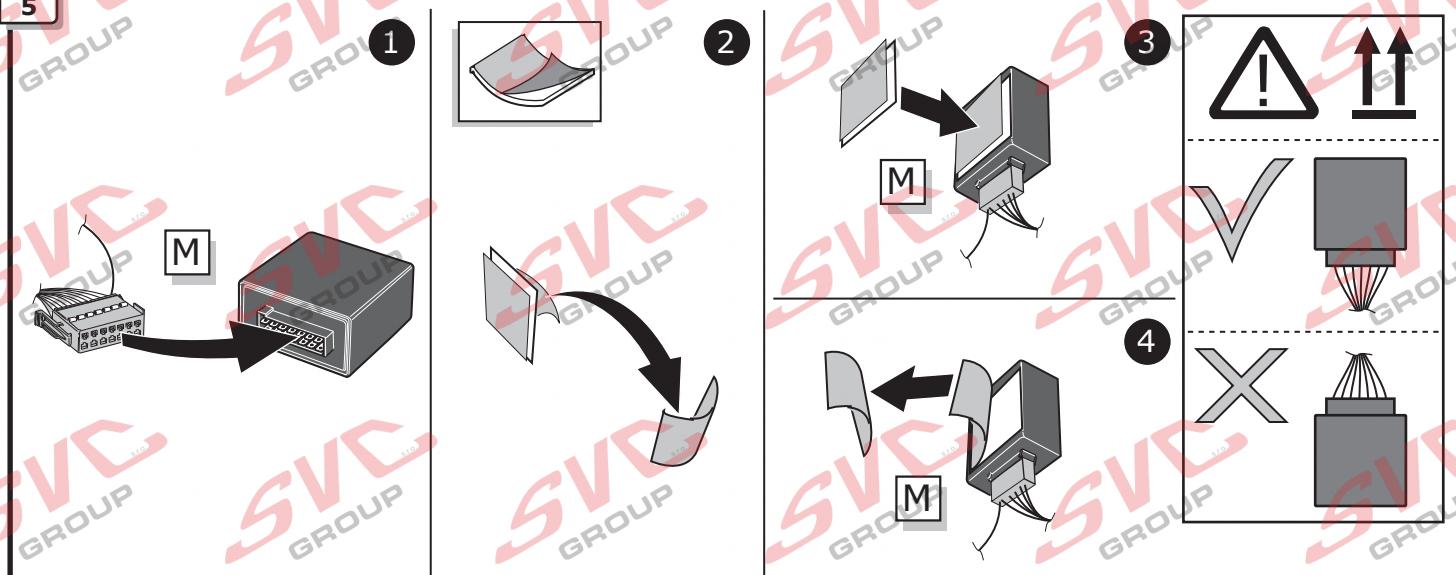
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**INFO****Orlando**Page 16  
-  
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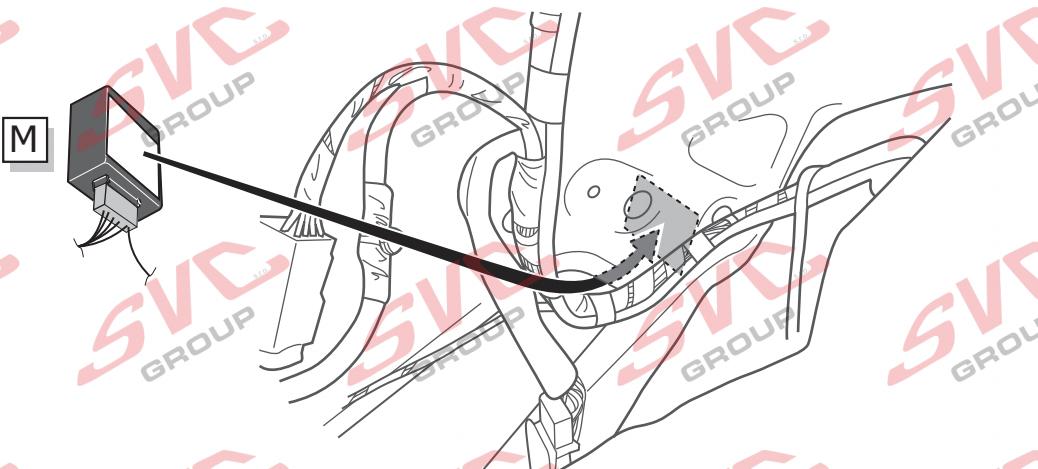
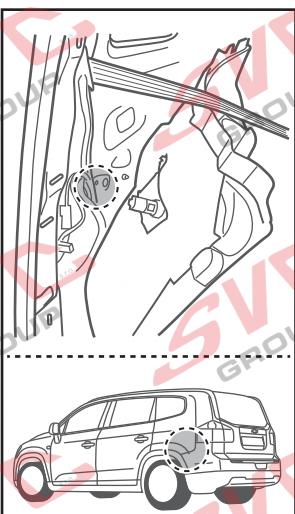
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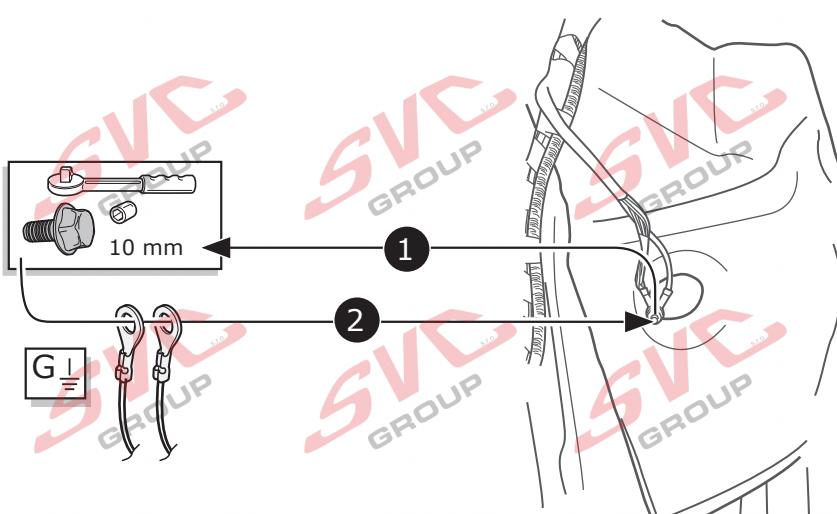
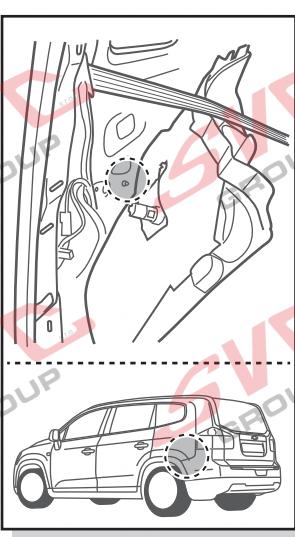
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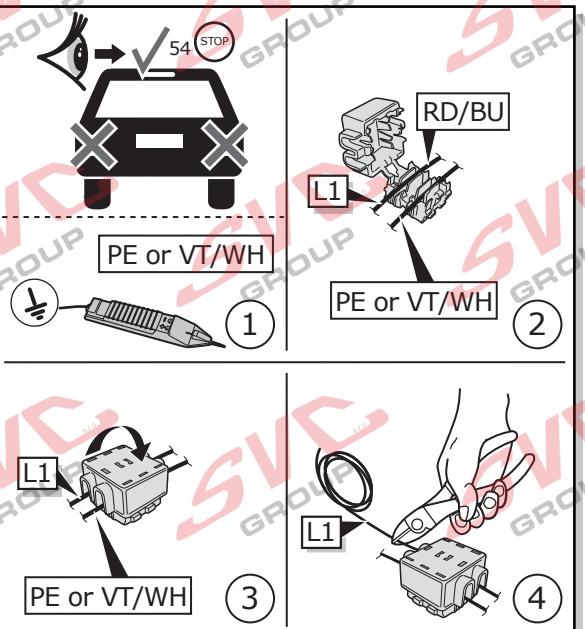
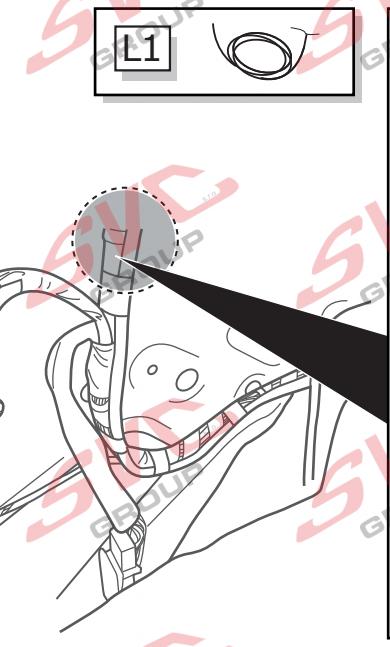
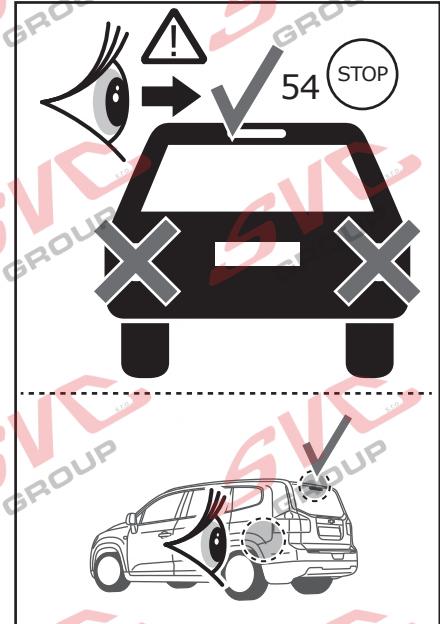
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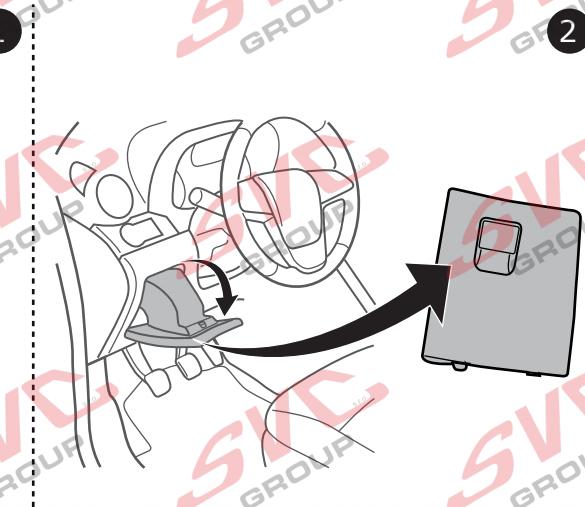
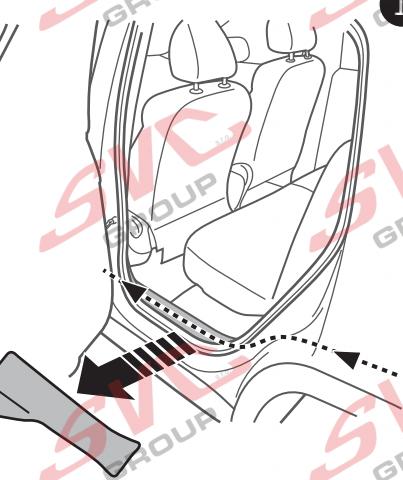
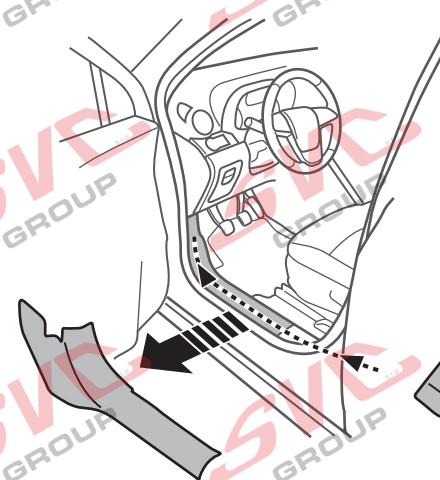
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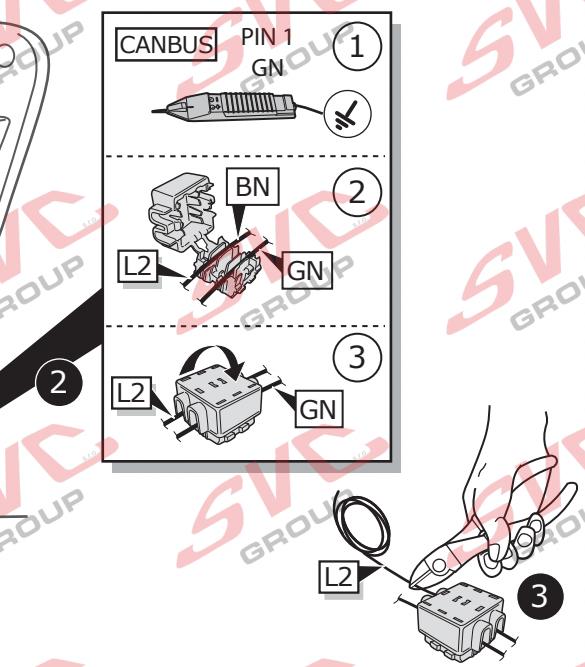
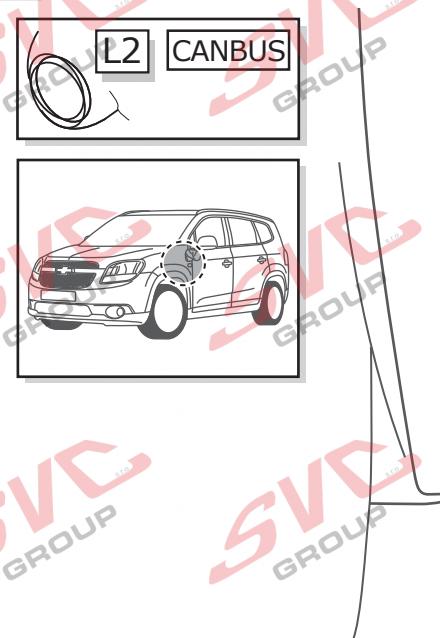
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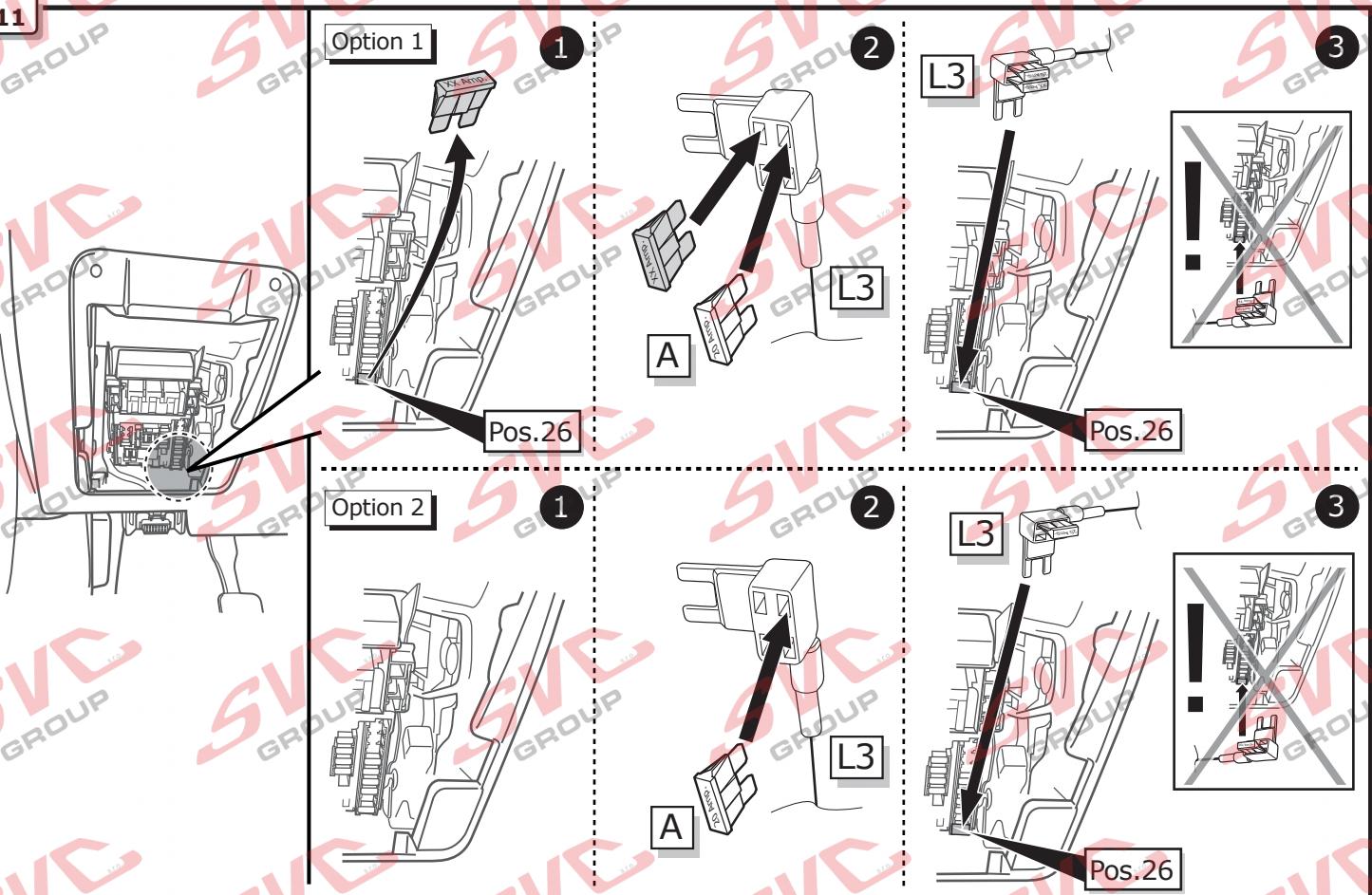
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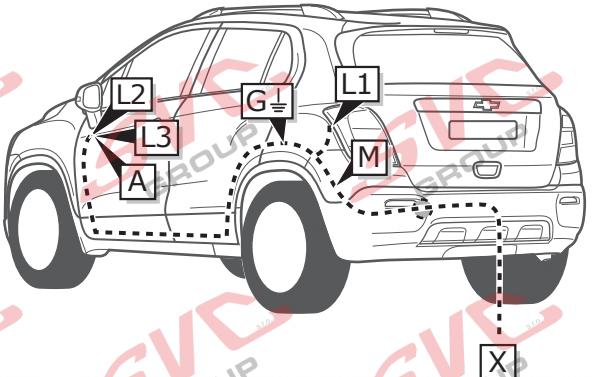
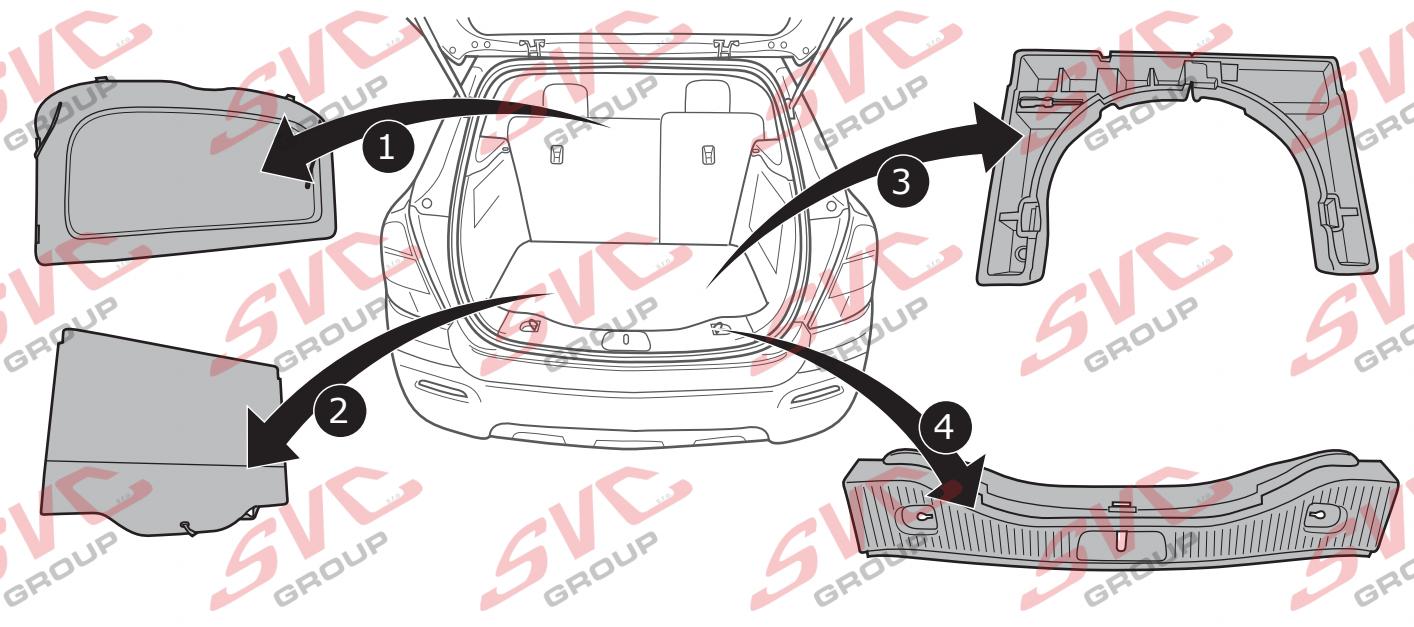
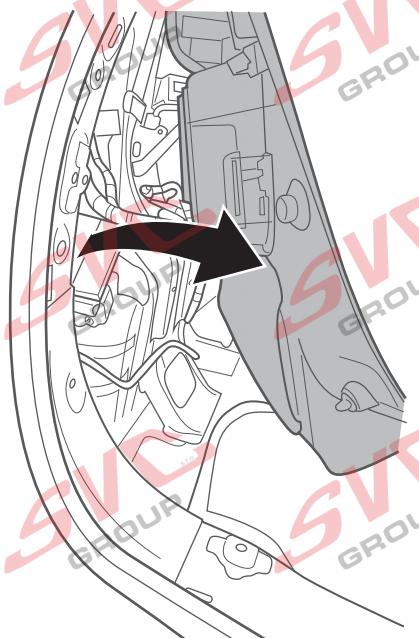
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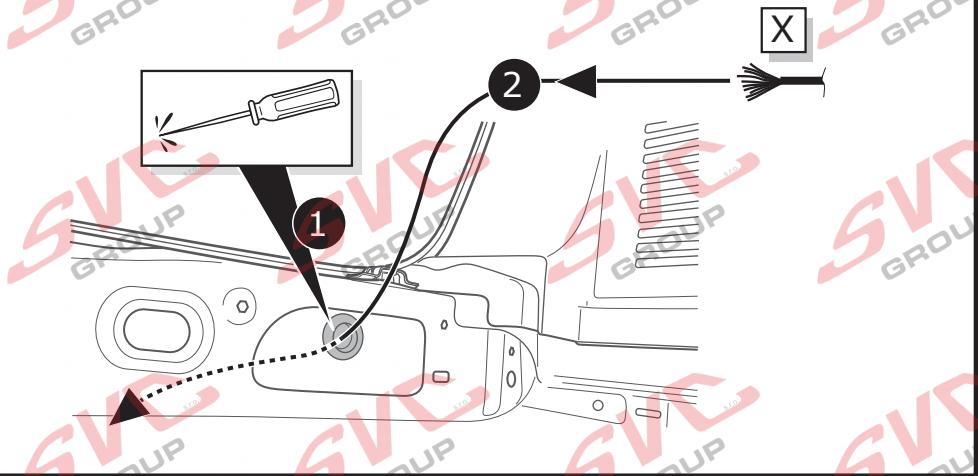
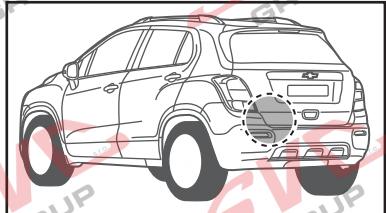
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-  
Page 23**1****2**

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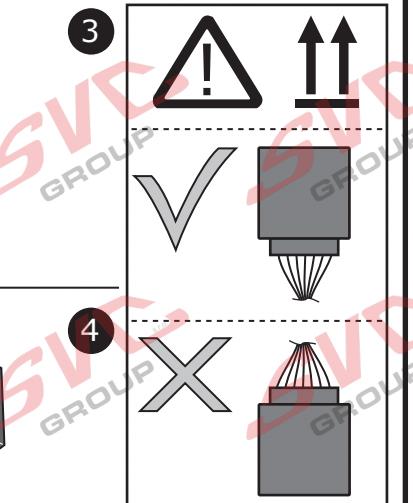
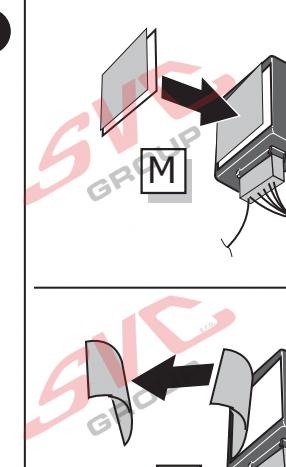
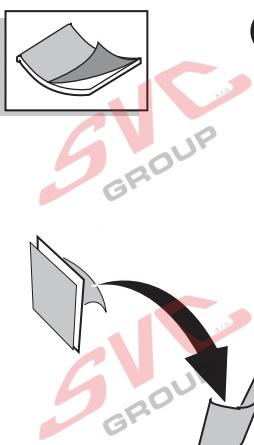
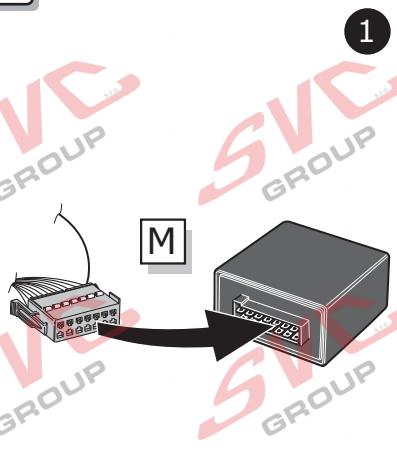


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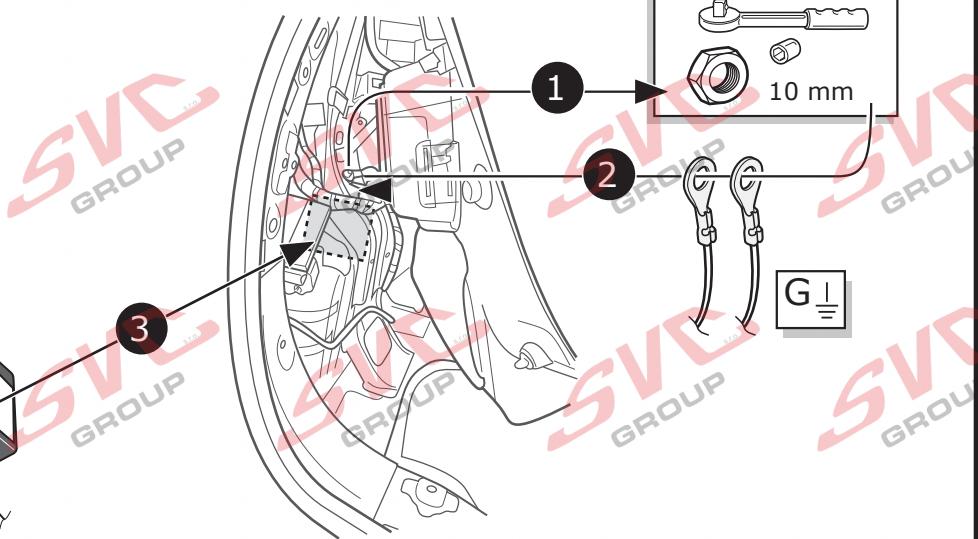
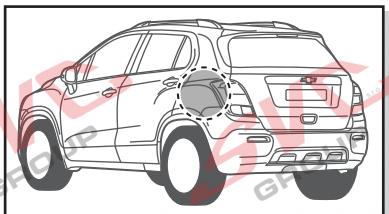


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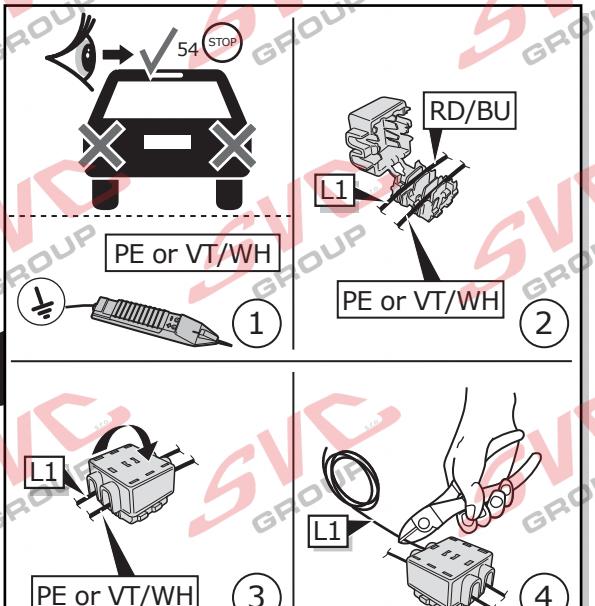
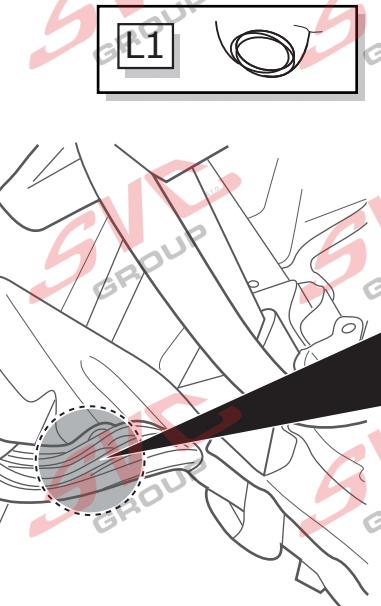
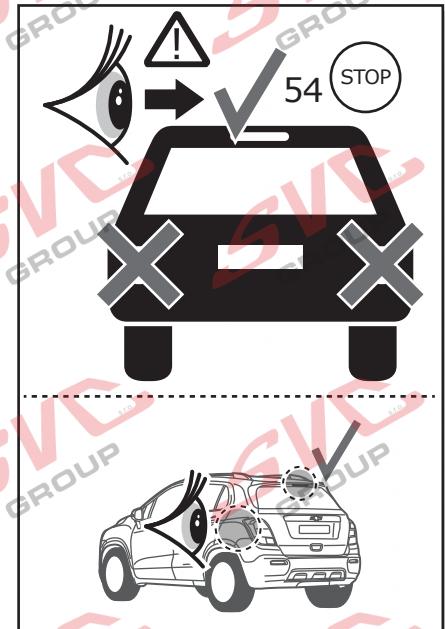
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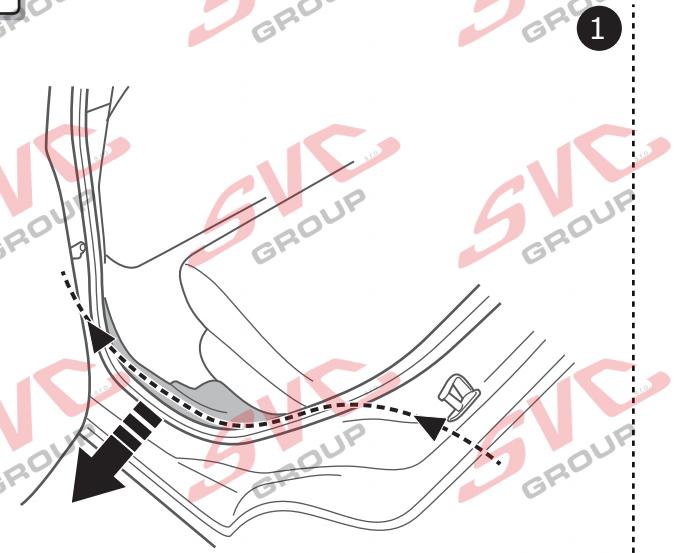
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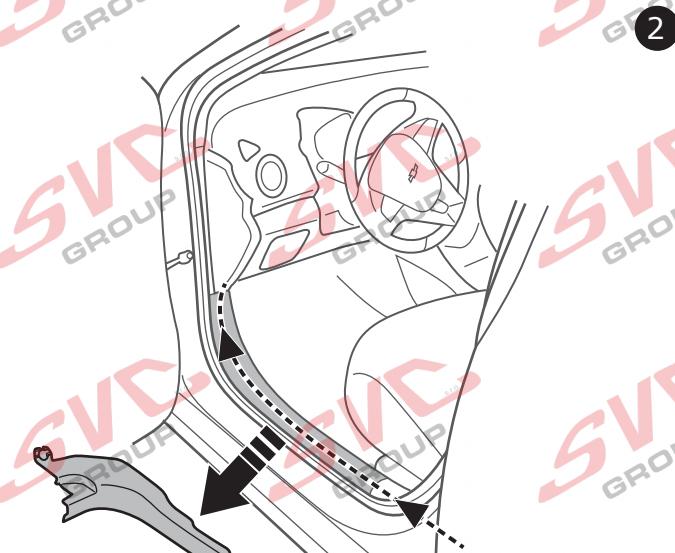
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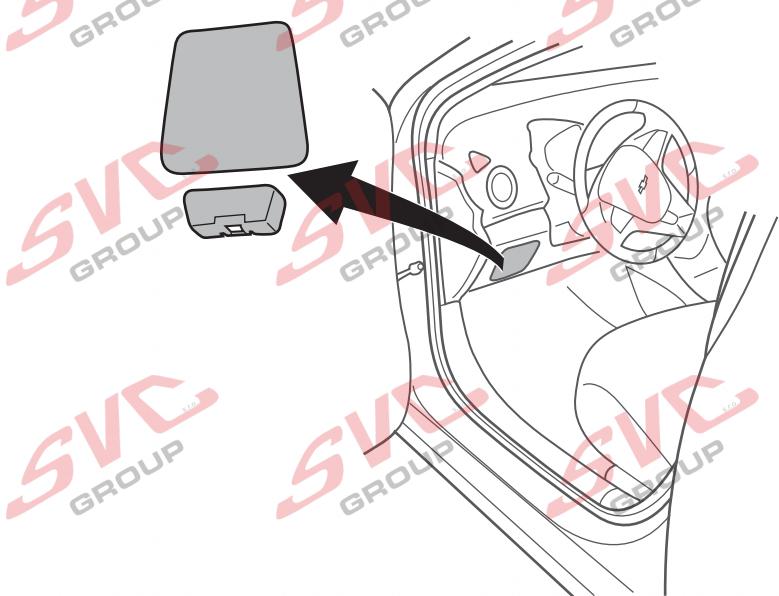
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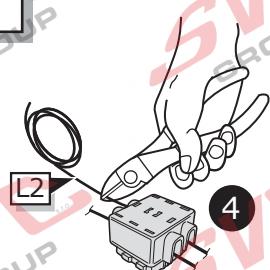
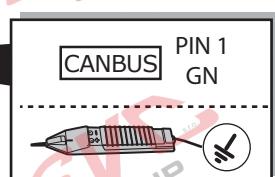
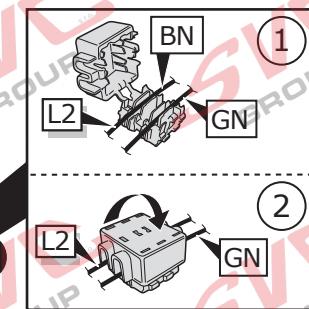
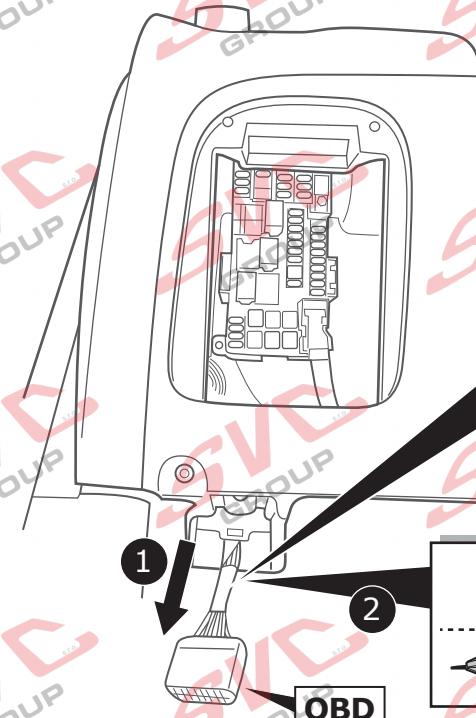


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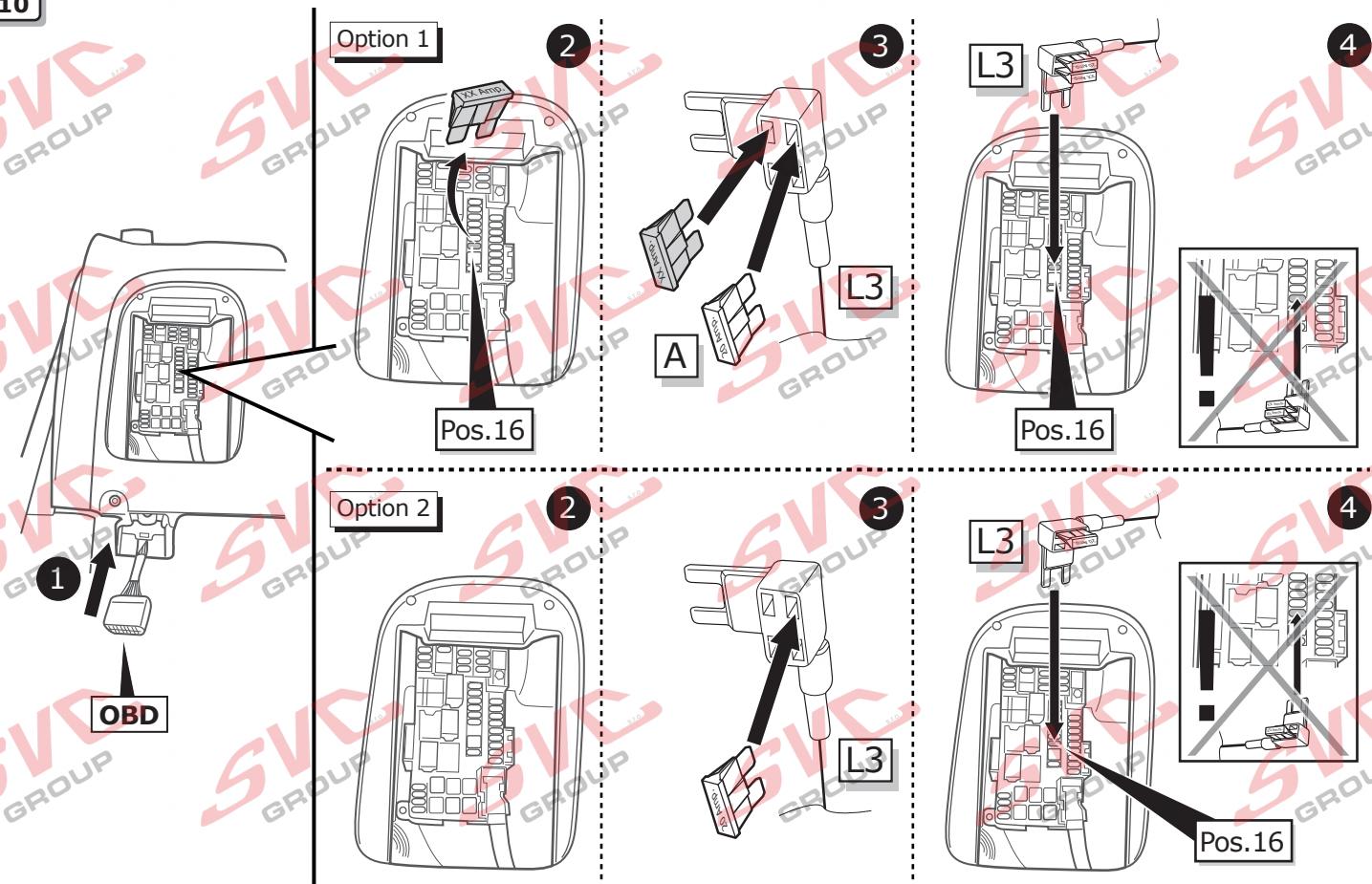


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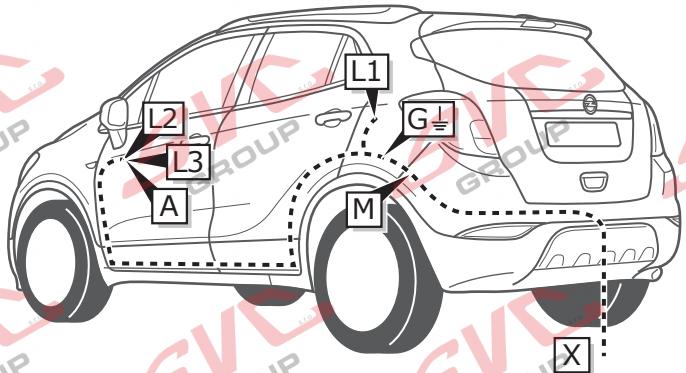
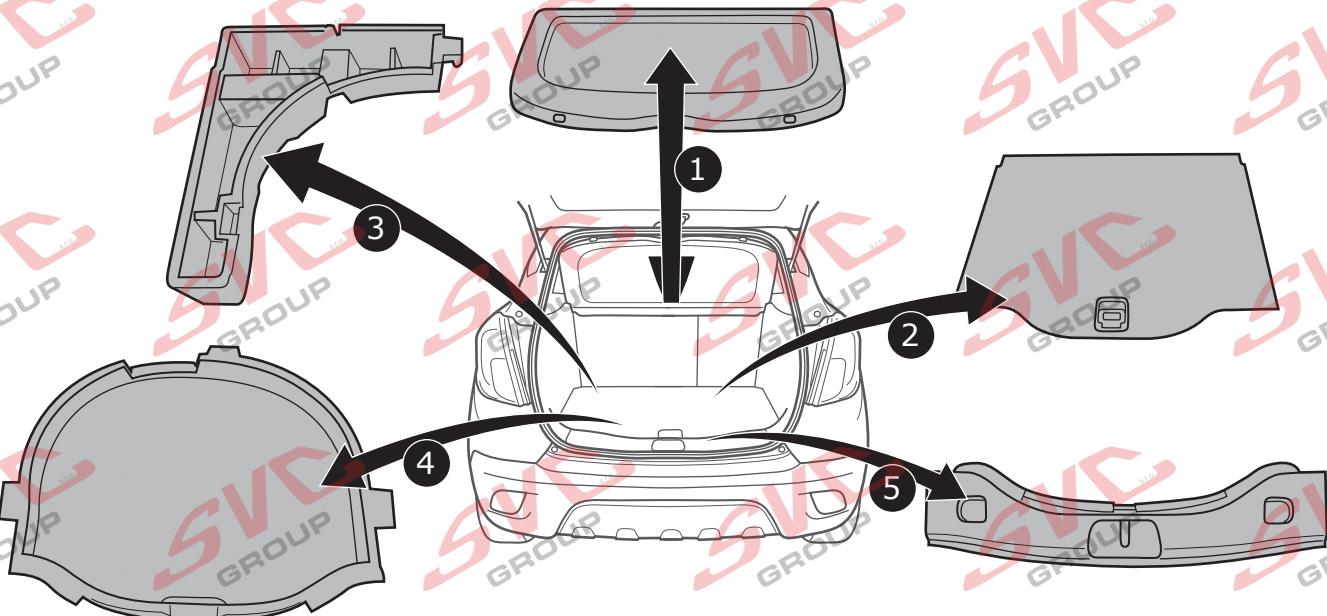
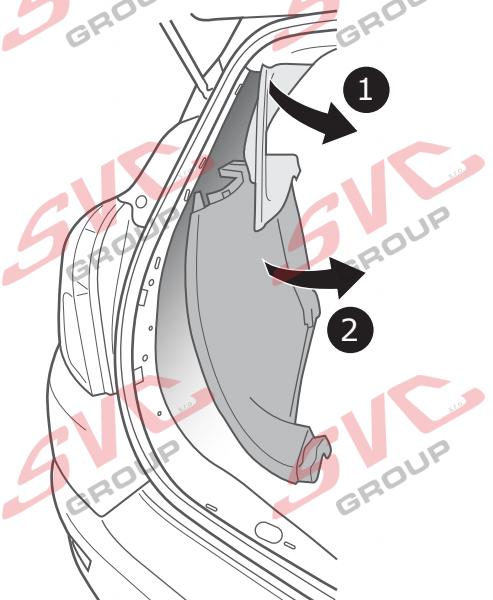
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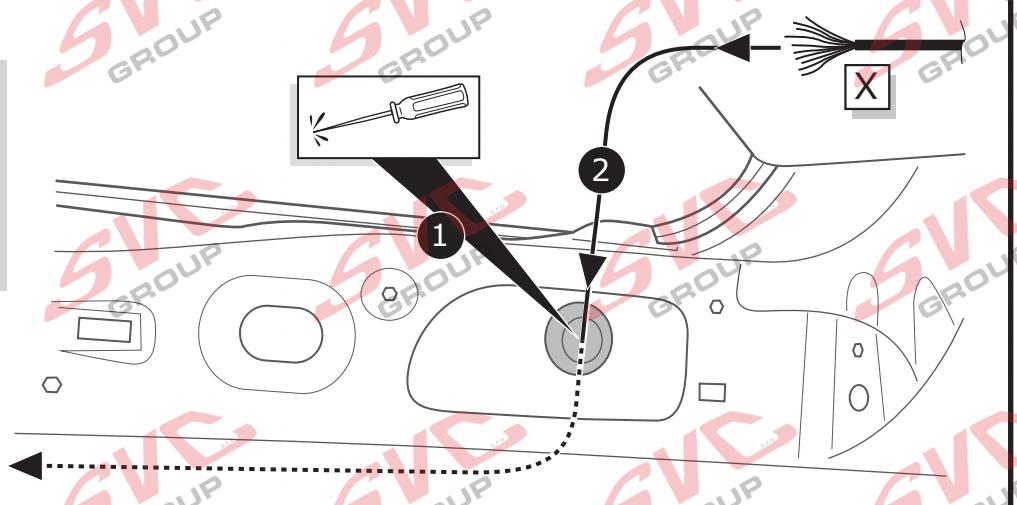
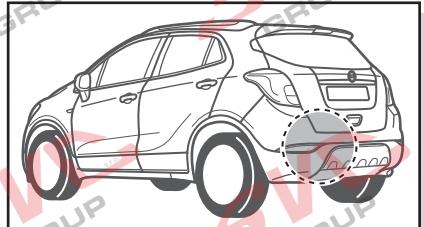
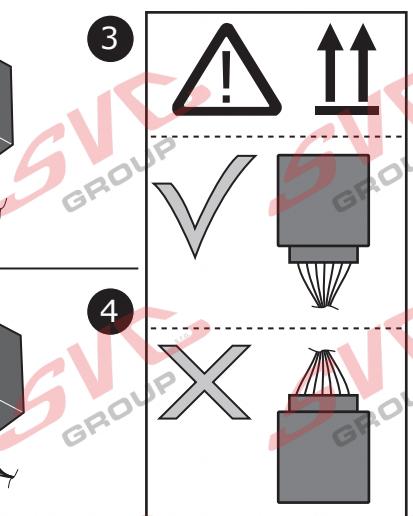
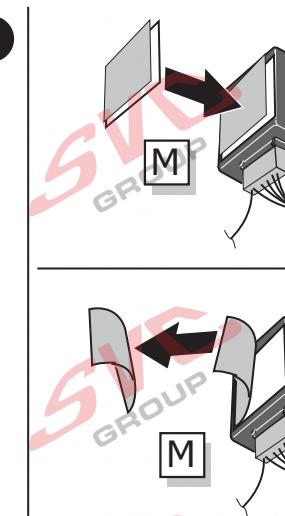
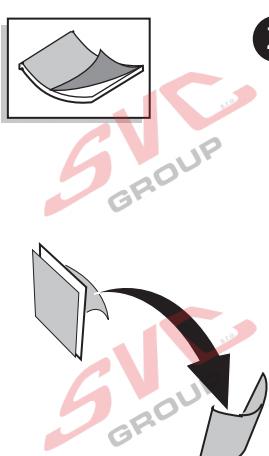
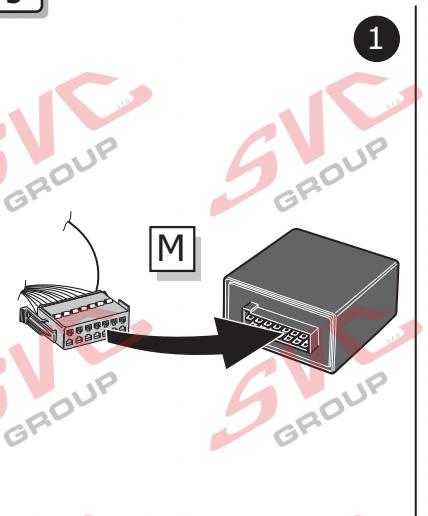
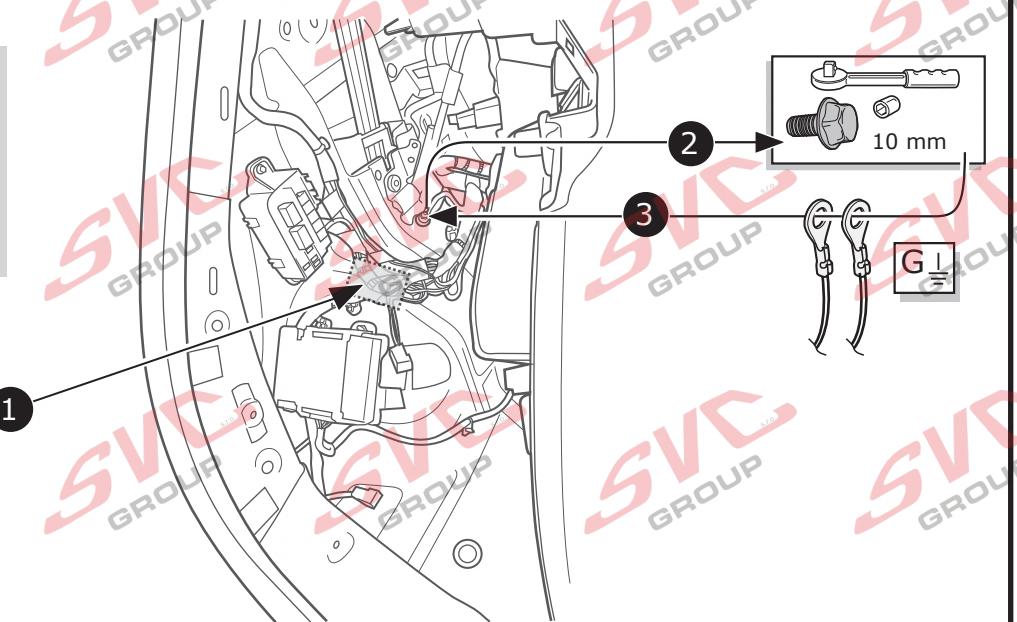
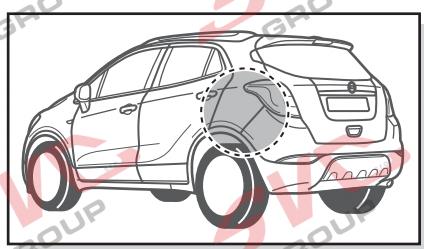


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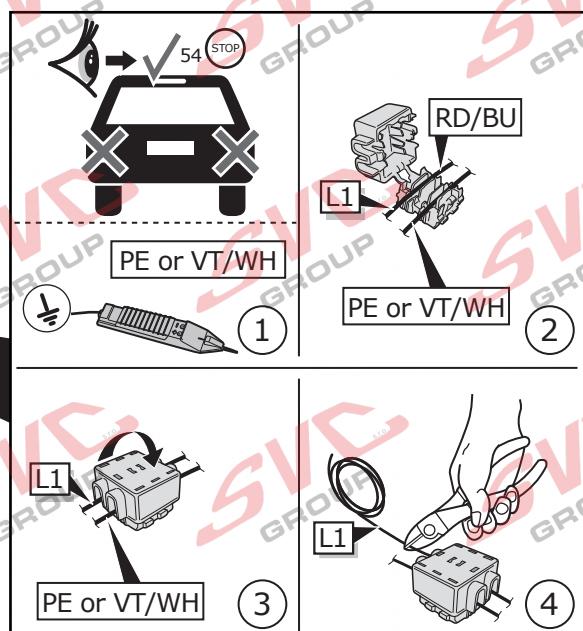
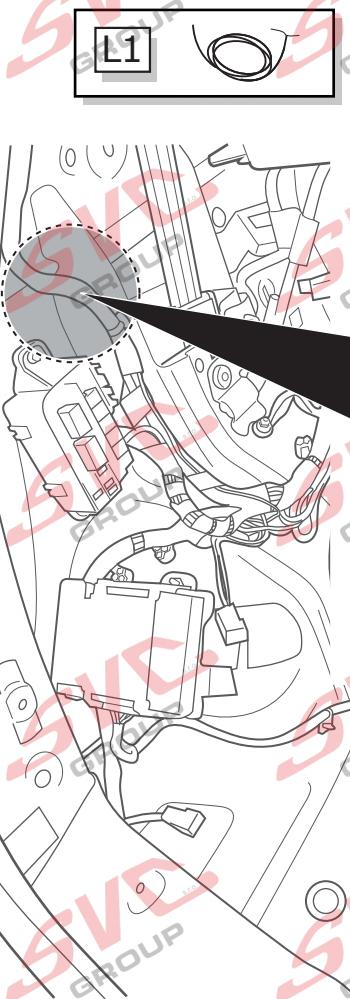
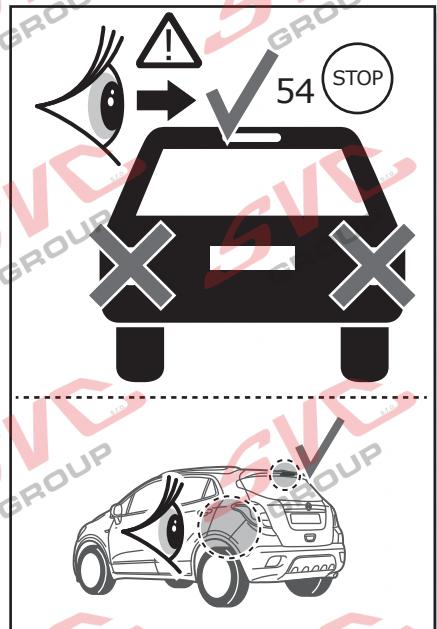


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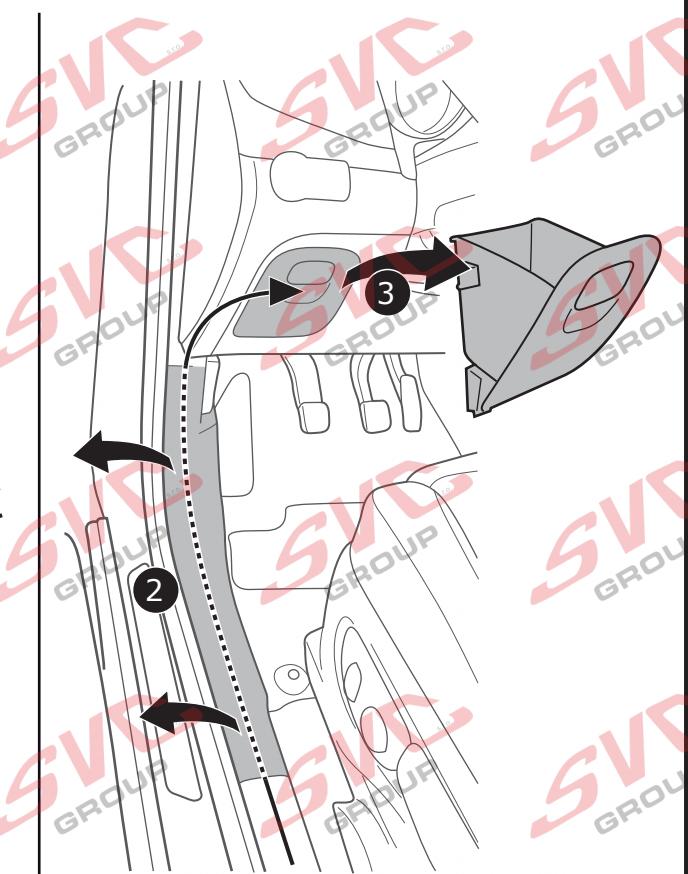
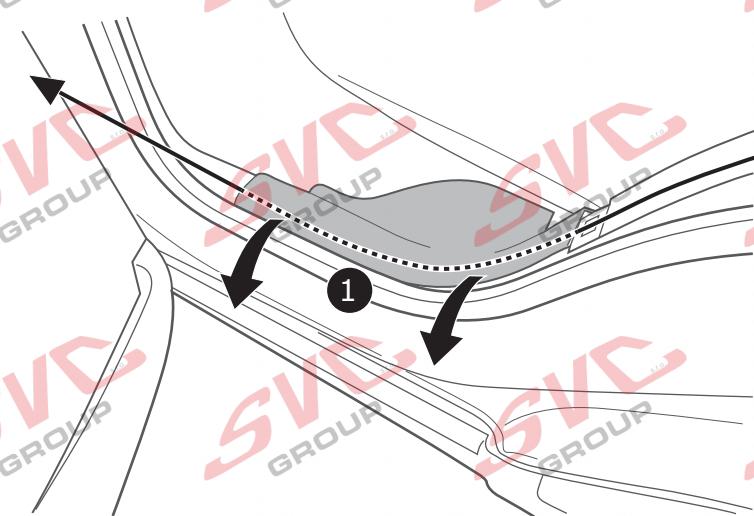
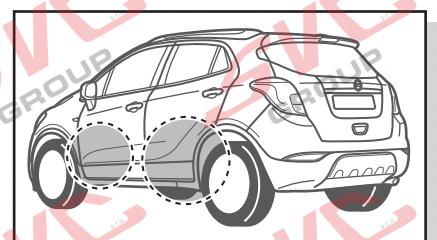
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**3****4****5****6**

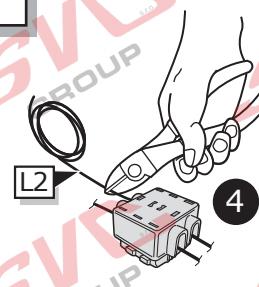
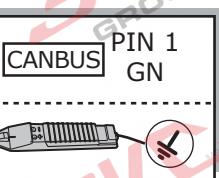
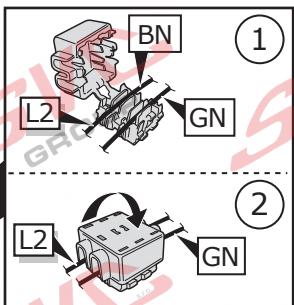
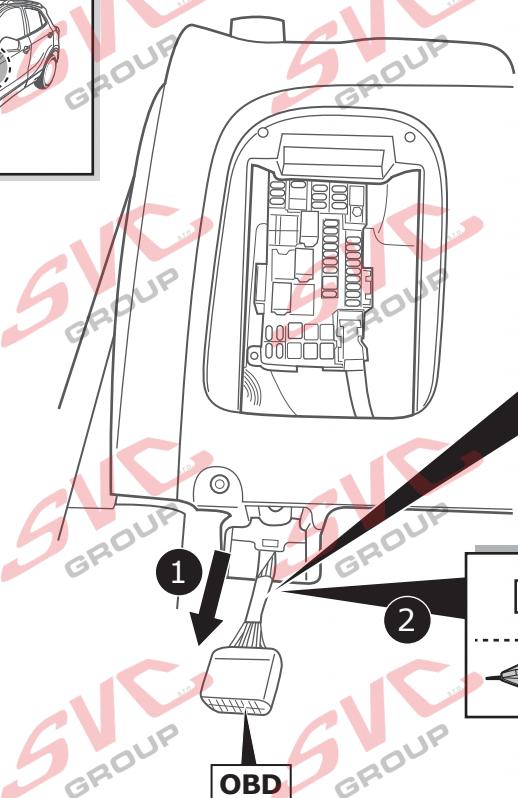
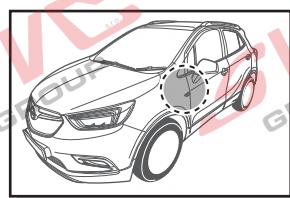
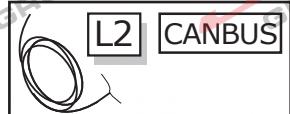
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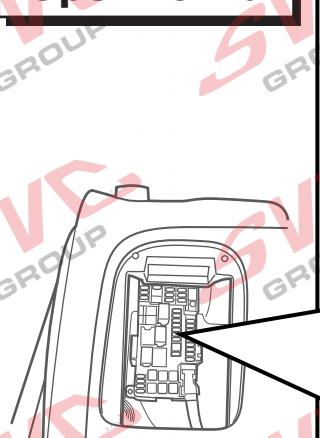
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10

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Option 1

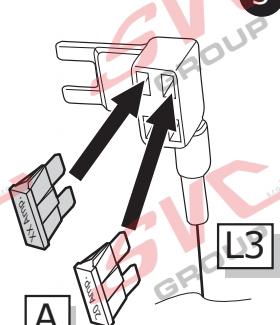


Pos.15

2

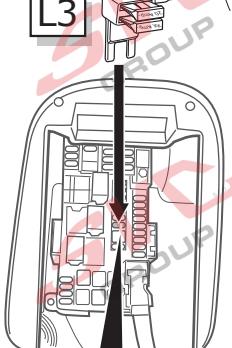


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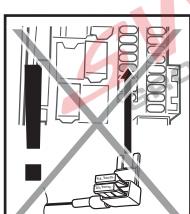
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L3



Pos.15

4



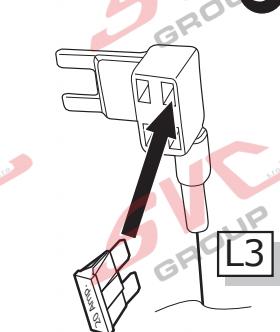
Option 2



2

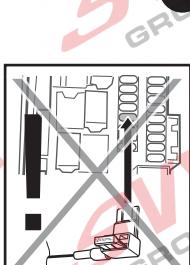
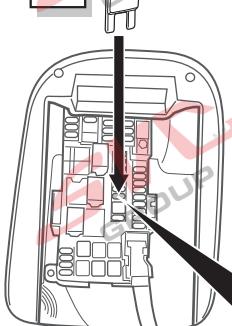


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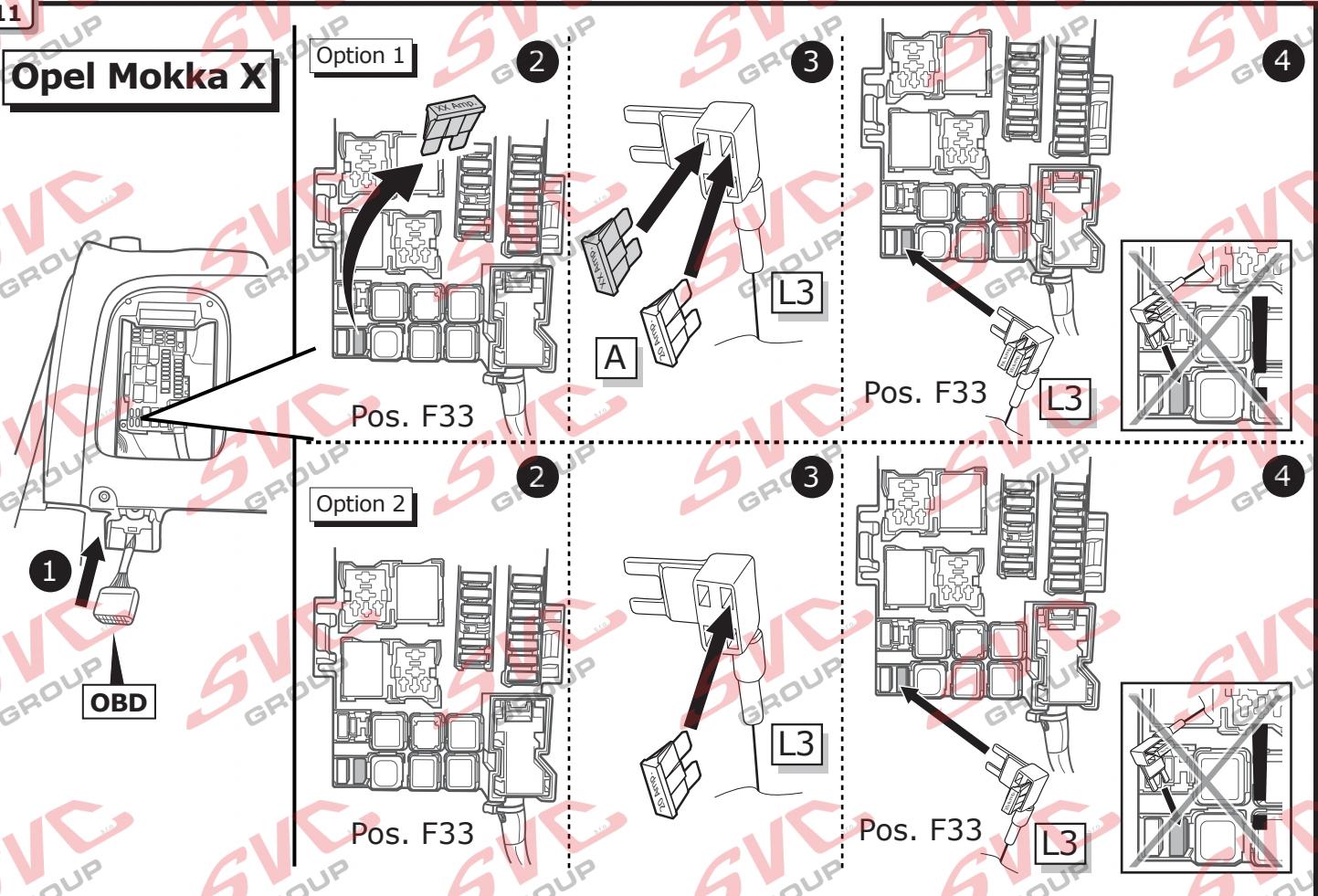
L3



Pos.15

11

## Opel Mokka X



12



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**INFO**

OK



OK

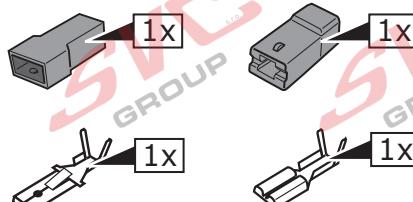
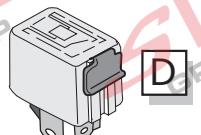
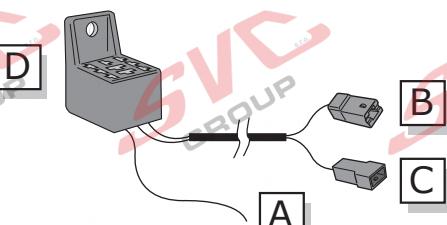


DE Lieferant  
FR Fournisseur  
NL Leverancier  
GB Supplier  
ES El suministrador

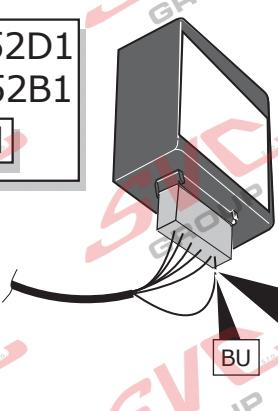
IT Il fornitore  
SE Leverantör  
CZ Dodavatel  
DK Leverandør

FI Tavarantoimittaja  
GR Προμηθευτής  
NO Leverandør  
PL Dostawca

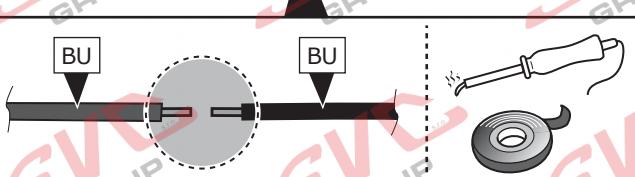
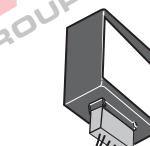
SP-140-ZZ

**A****B**

OP052D1  
OP052B1  
M

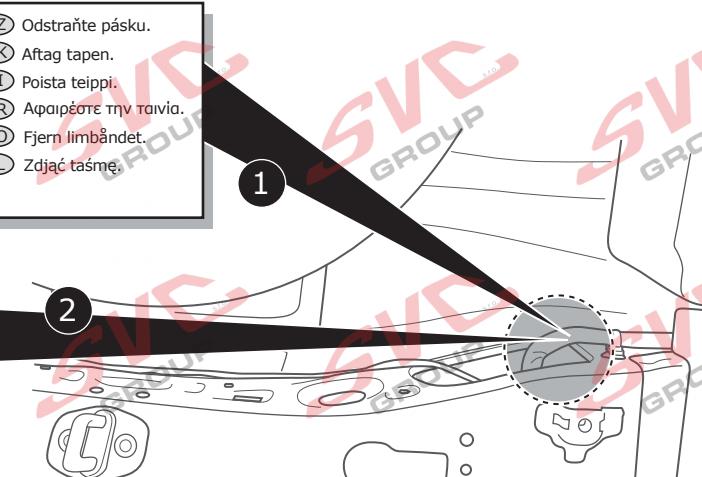
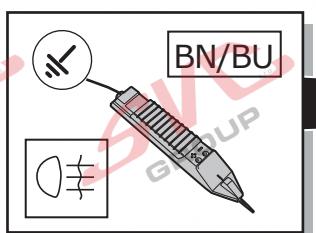
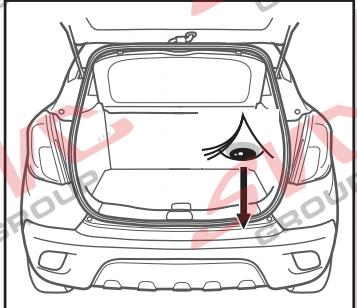


OP052D1  
OP052B1  
M

**C**

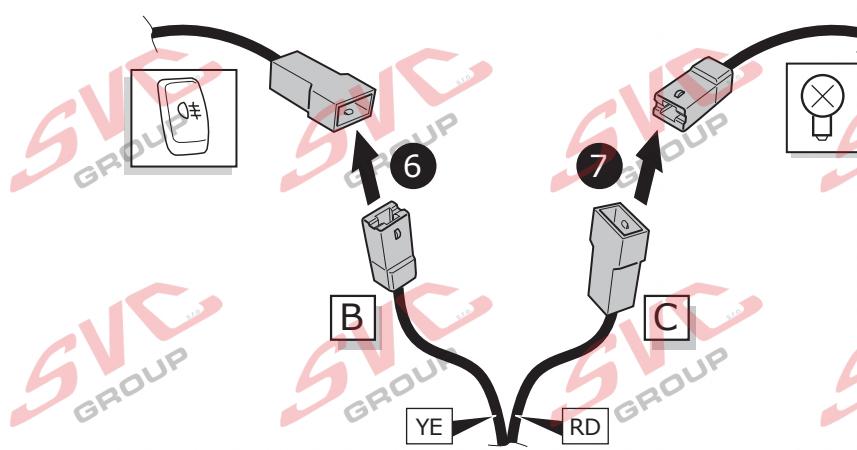
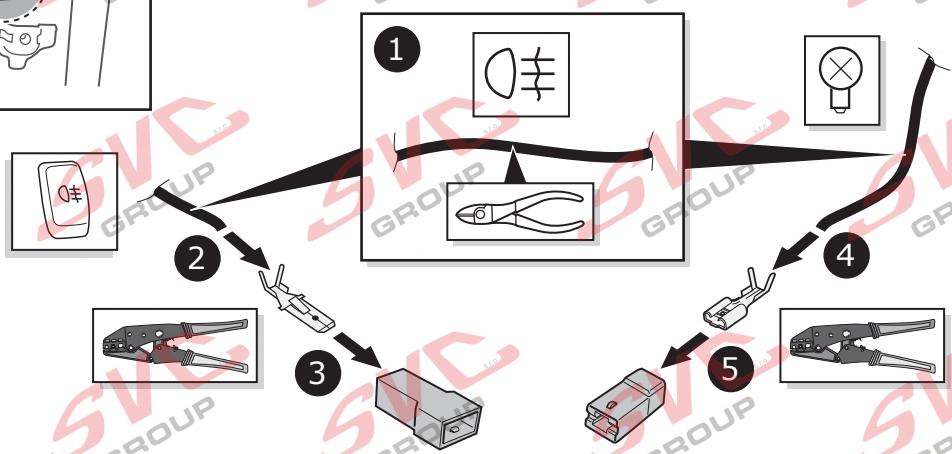
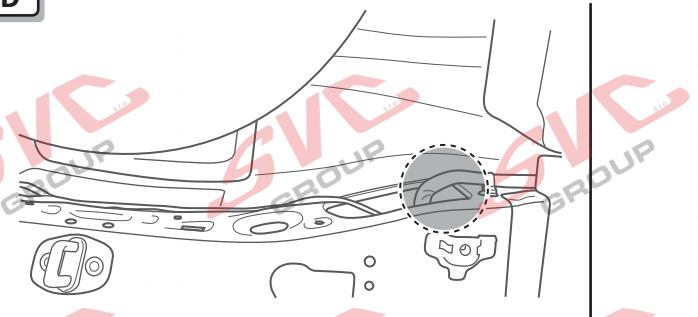
DE Klebeband entfernen.  
FR Enlevez Ruban adhésif.  
NL Tape verwijderen.  
GB Remove tape.  
ES Retirar la cinta adhesiva.  
IT Rimuovere il nastro adesivo.  
SE Avlägsna klisterbandet.

CZ Odstraňte pásku.  
OK Aftag tapen.  
FI Poista teippi.  
GR Αφαιρέστε την ταινία.  
NO Fjern limbåndet.  
PL Zdejmą taśmę.

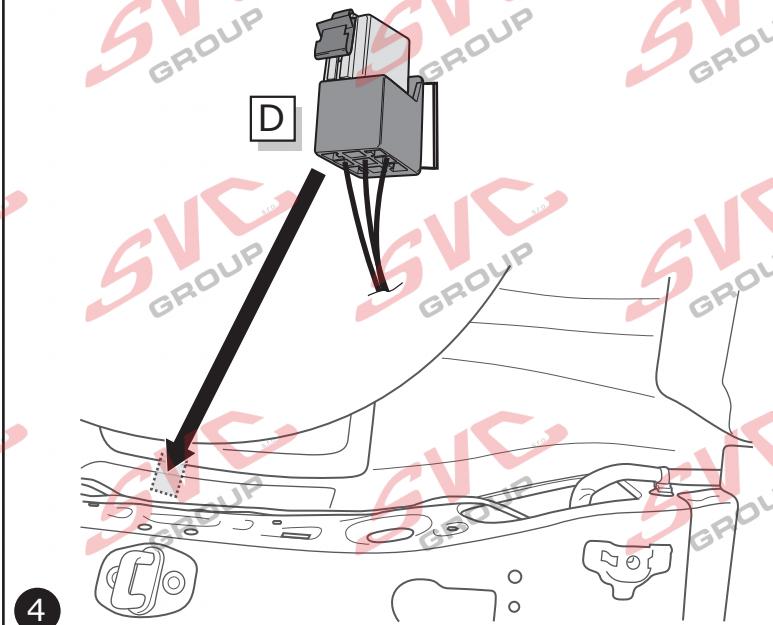
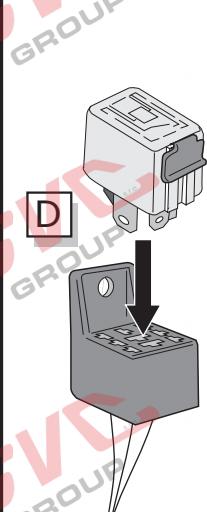


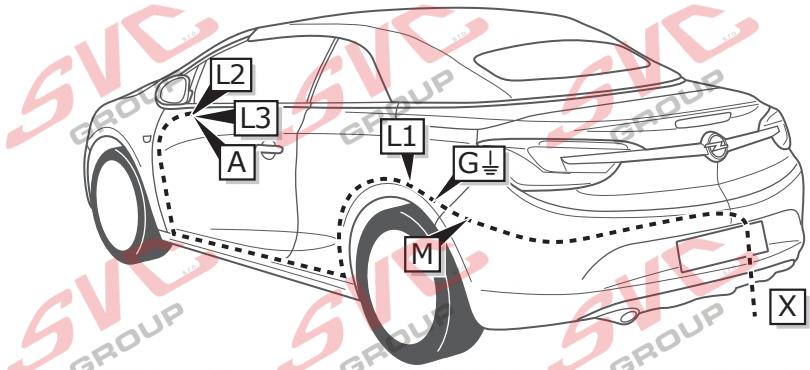
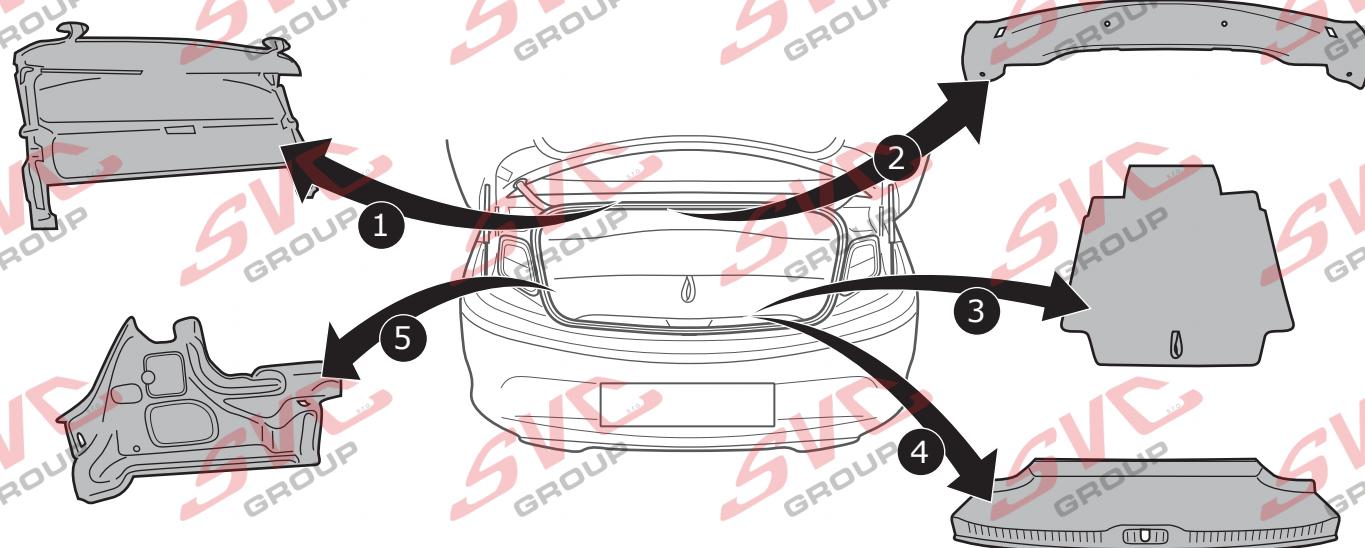
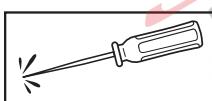
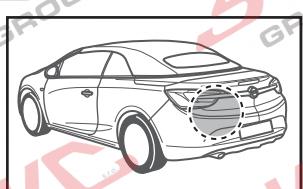
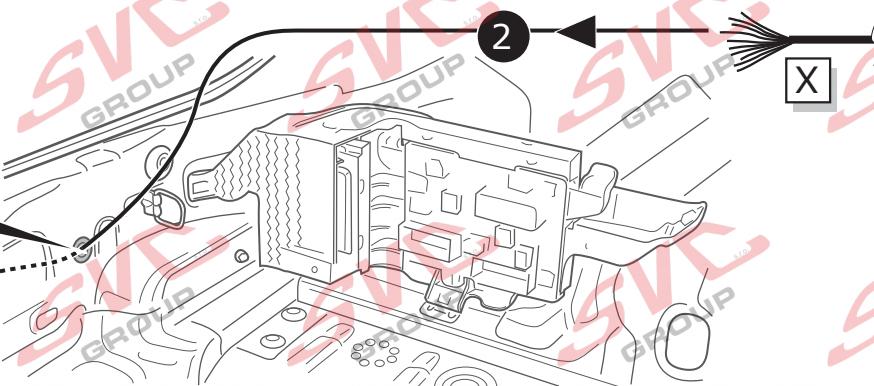
# SP-140-ZZ

D



E

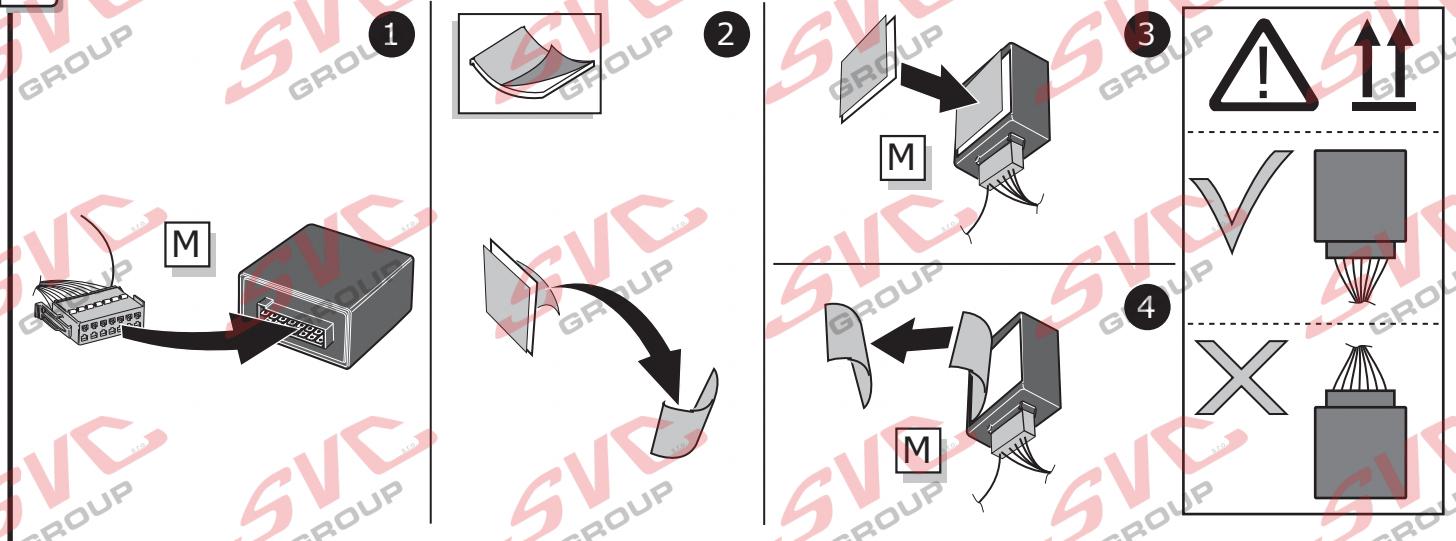


**INFO****Cascada**Page 31  
-  
Page 34**1****2****1**

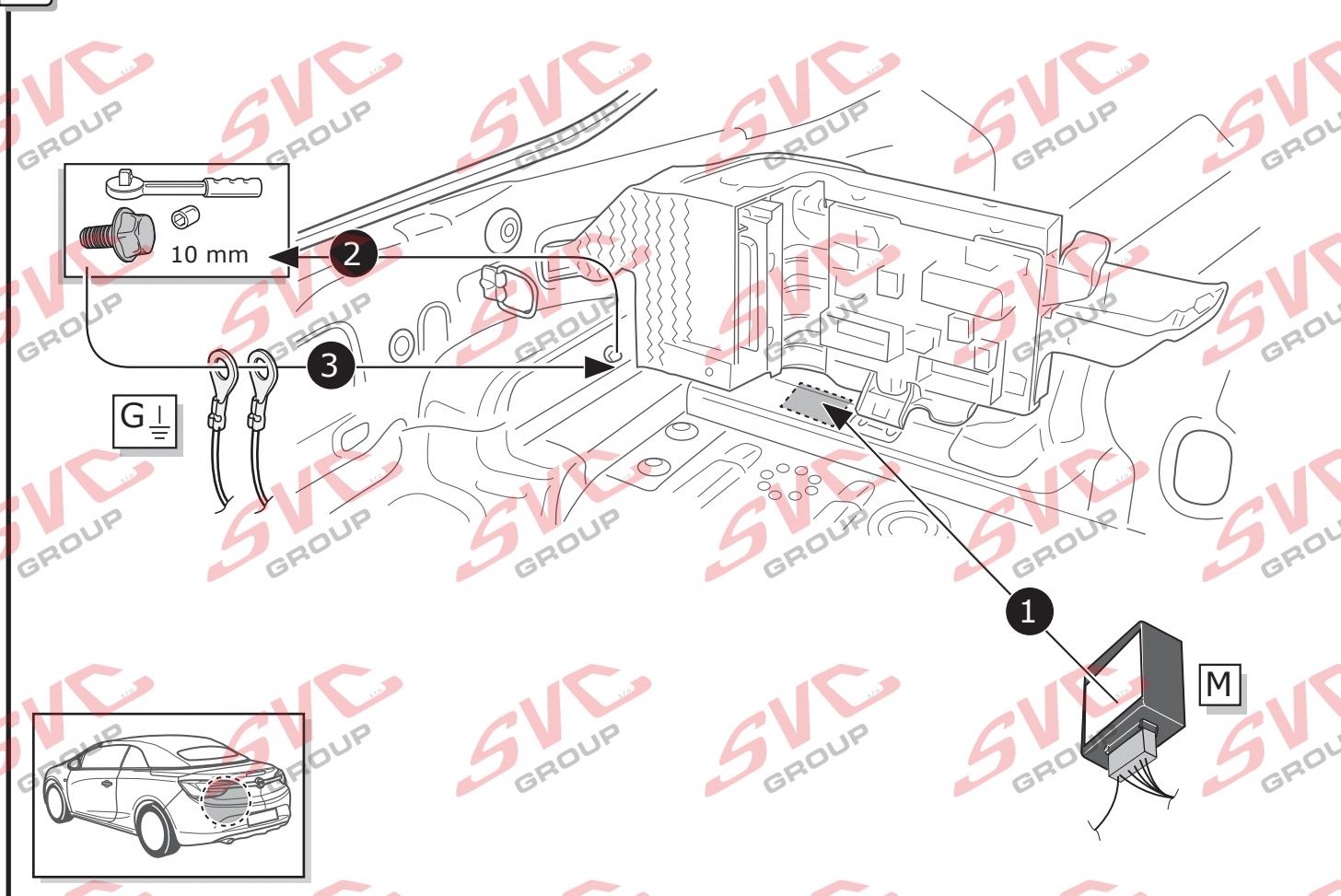
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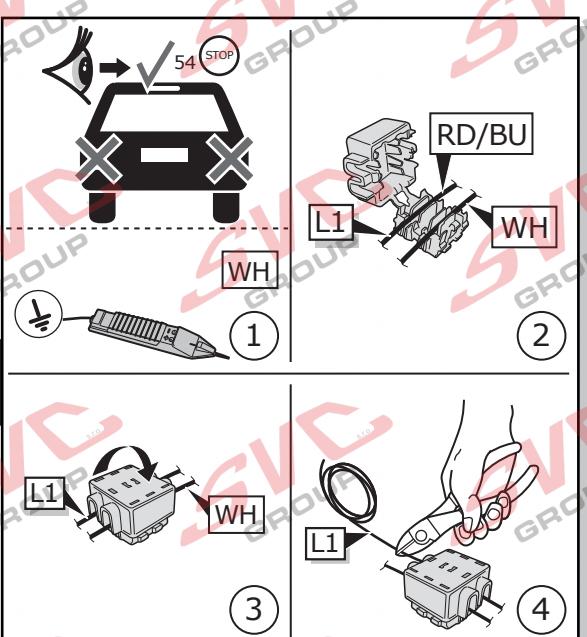
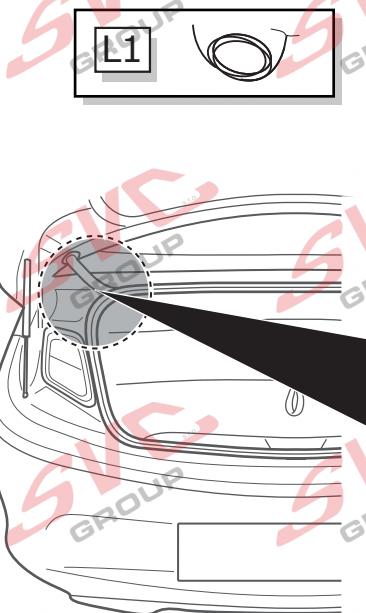
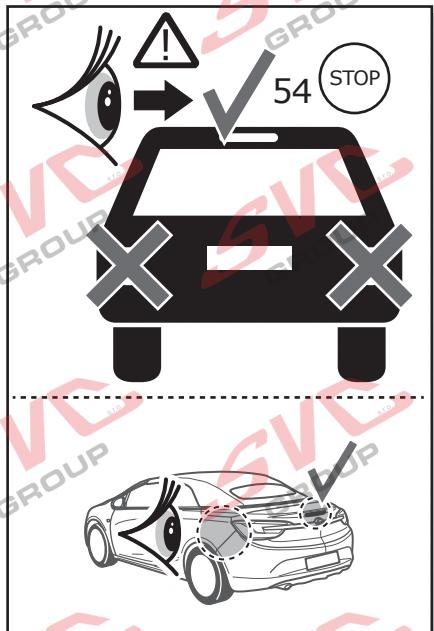
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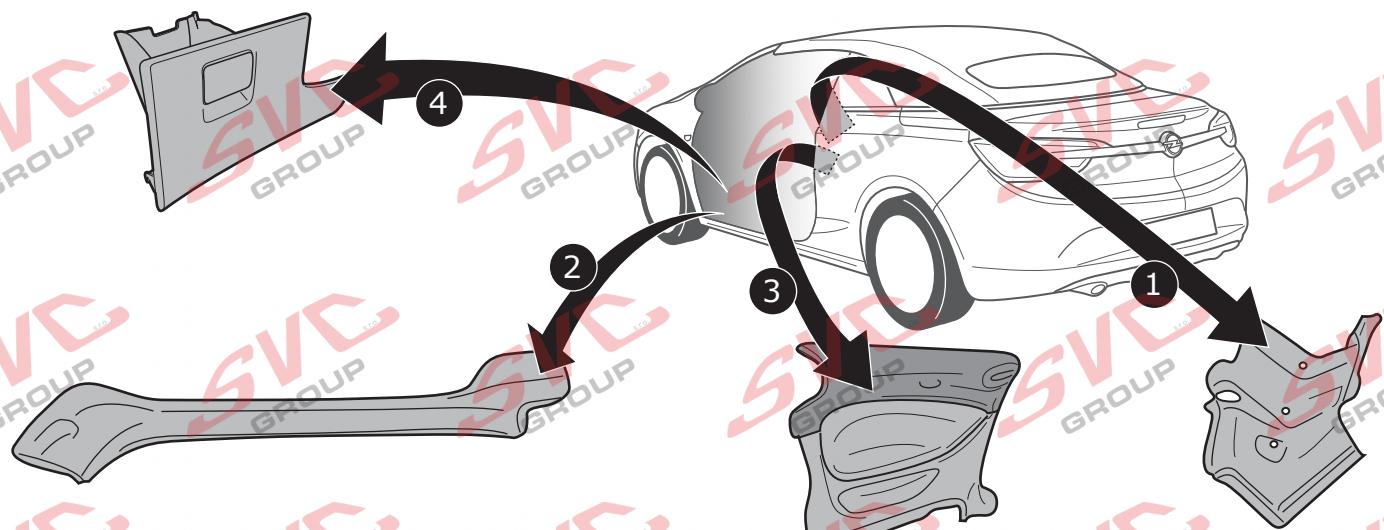
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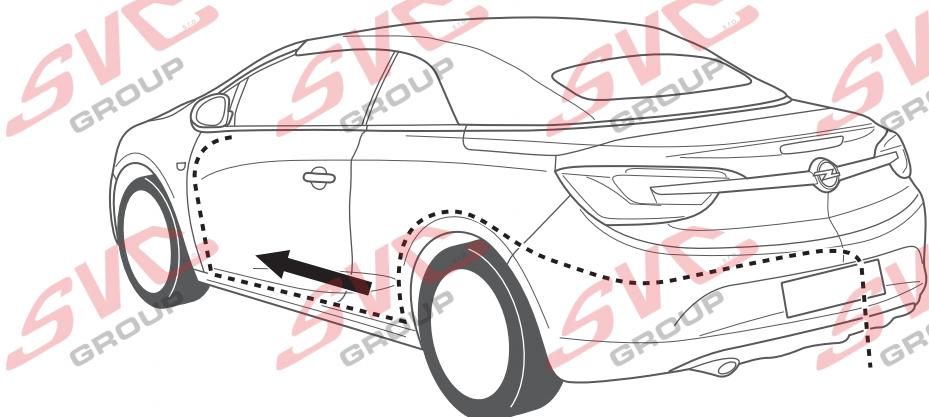
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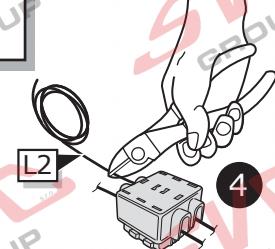
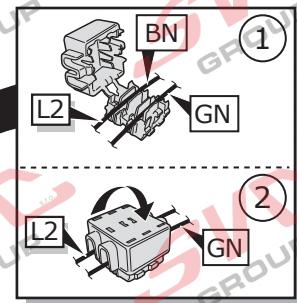
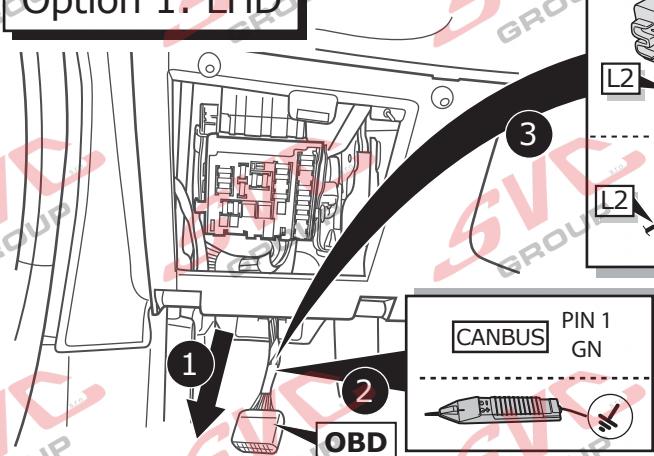
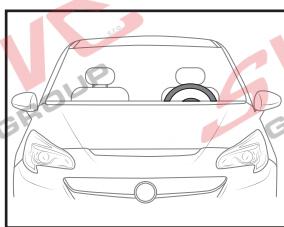
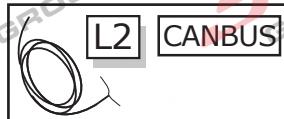


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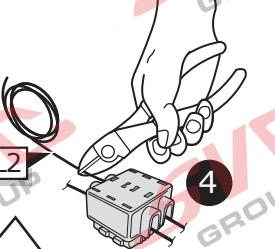
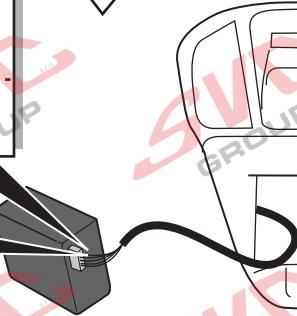
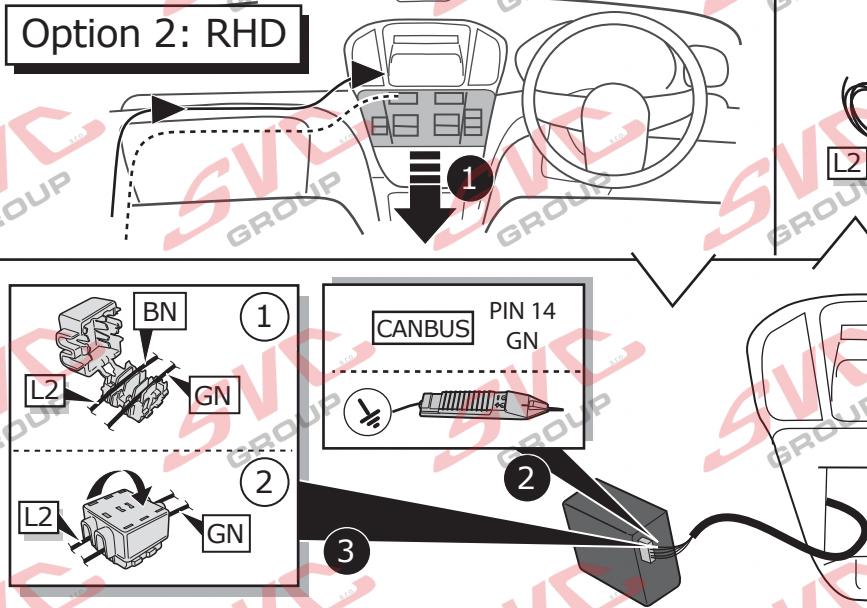
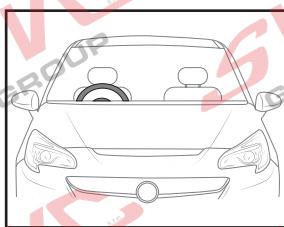
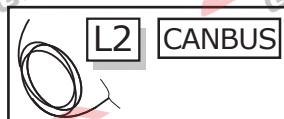


9

### Option 1: LHD



### Option 2: RHD

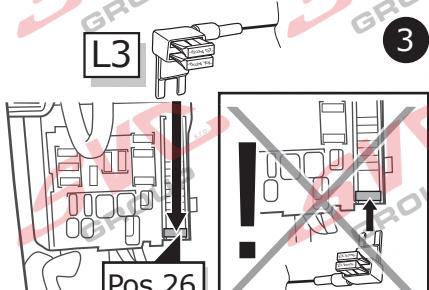
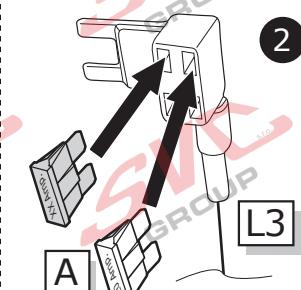
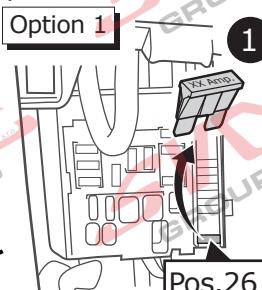


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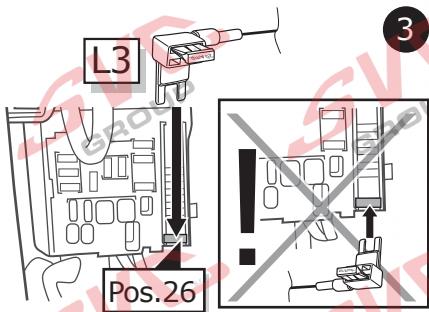
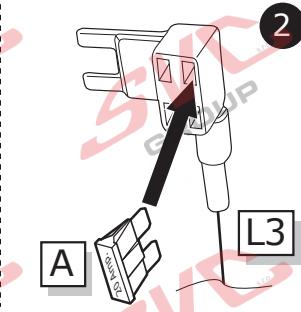
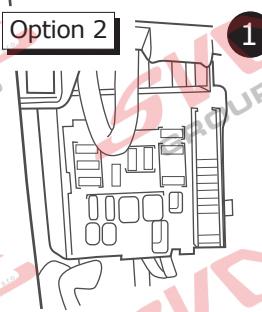
### Option 1



Pos. 26



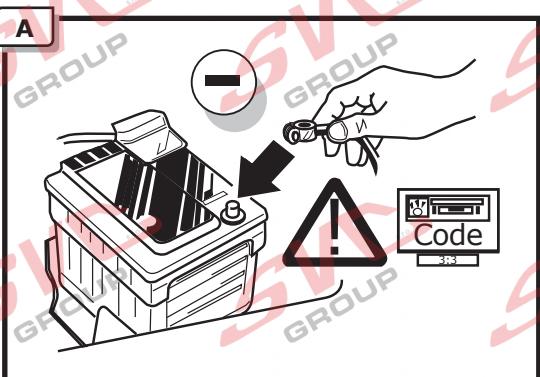
### Option 2



11



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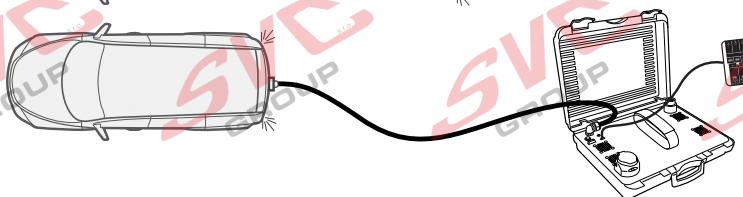
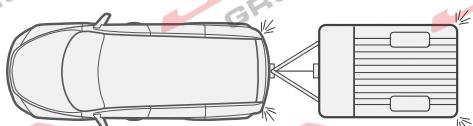
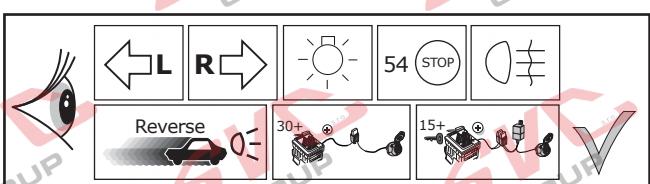
Mokka

**INFO**

→ Page 29 – Page 30

**C**

**Functional test**



**LIGHT MATE®**

**ECS part no.**

**LIGHTMATE II**

**LIGHTMATE III**

**INFO**

If you reprogram the computers of the vehicle, you must first unplug the module!

Als u de computers van de voertuig herprogrammeert dan moet u eerst de stekker van de module loshalen!

Bevor Sie die Steuergeräte des Fahrzeugs neu programmieren, bitte zuerst das Anhängermodul abstecken.

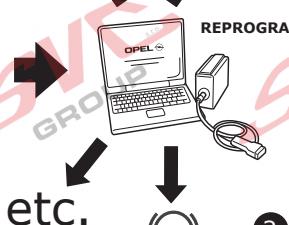
**INFO**



Airconditioning



ECU/Computer



etc.

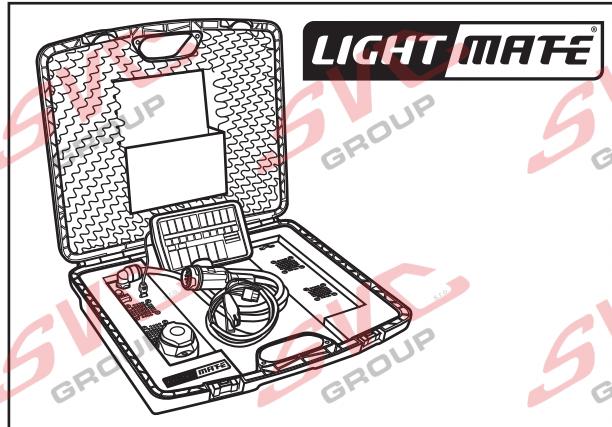
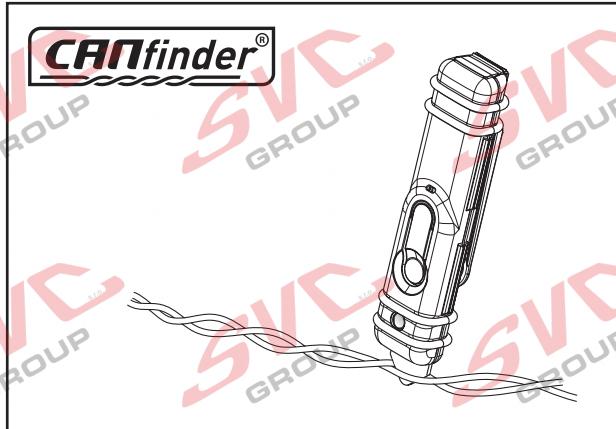
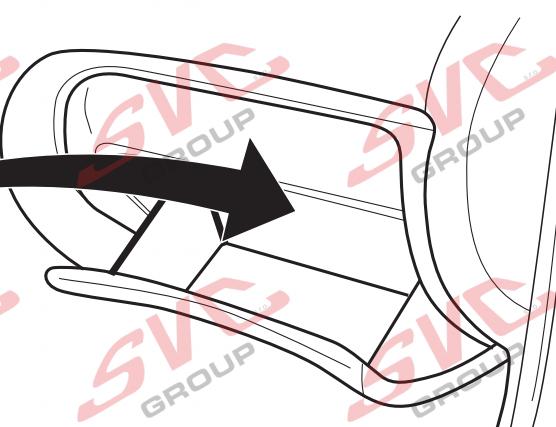


Radio/Navigation



**INFO**

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

**INFO**

**FITTERS  
TECHNICAL  
SUPPORT**

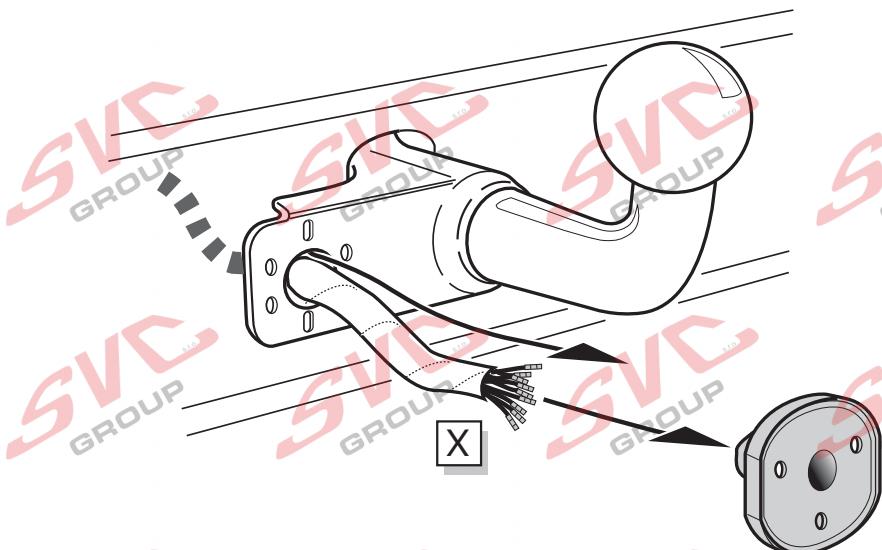


**CALL  
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00800  
2255  
2327**

**ECS**  
**ELECTRONICS**

**MONDAY TO FRIDAY**  
**08.00 - 12.00**  
**13.00 - 17.00**

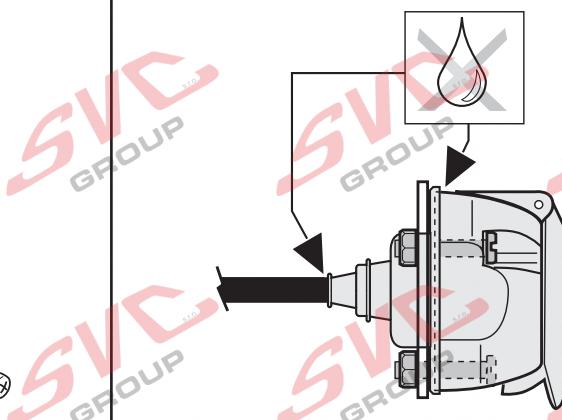
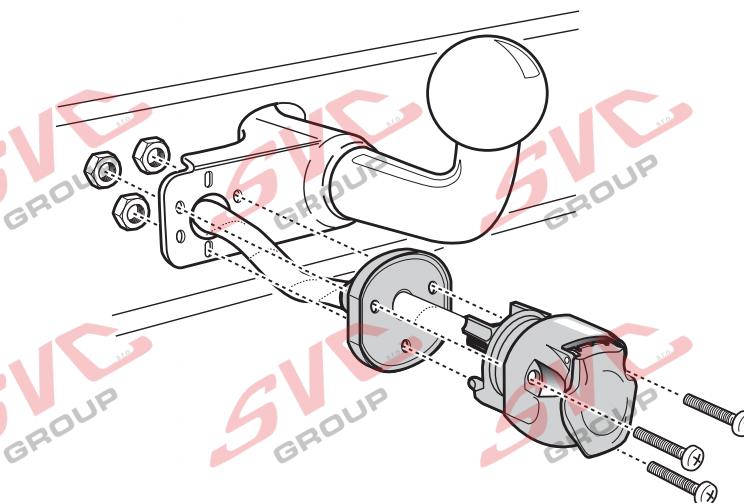
ts@ecs-electronics.nl  
www.ecs-electronics.nl  
tel: +31 (0)76 573 0020

**A****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

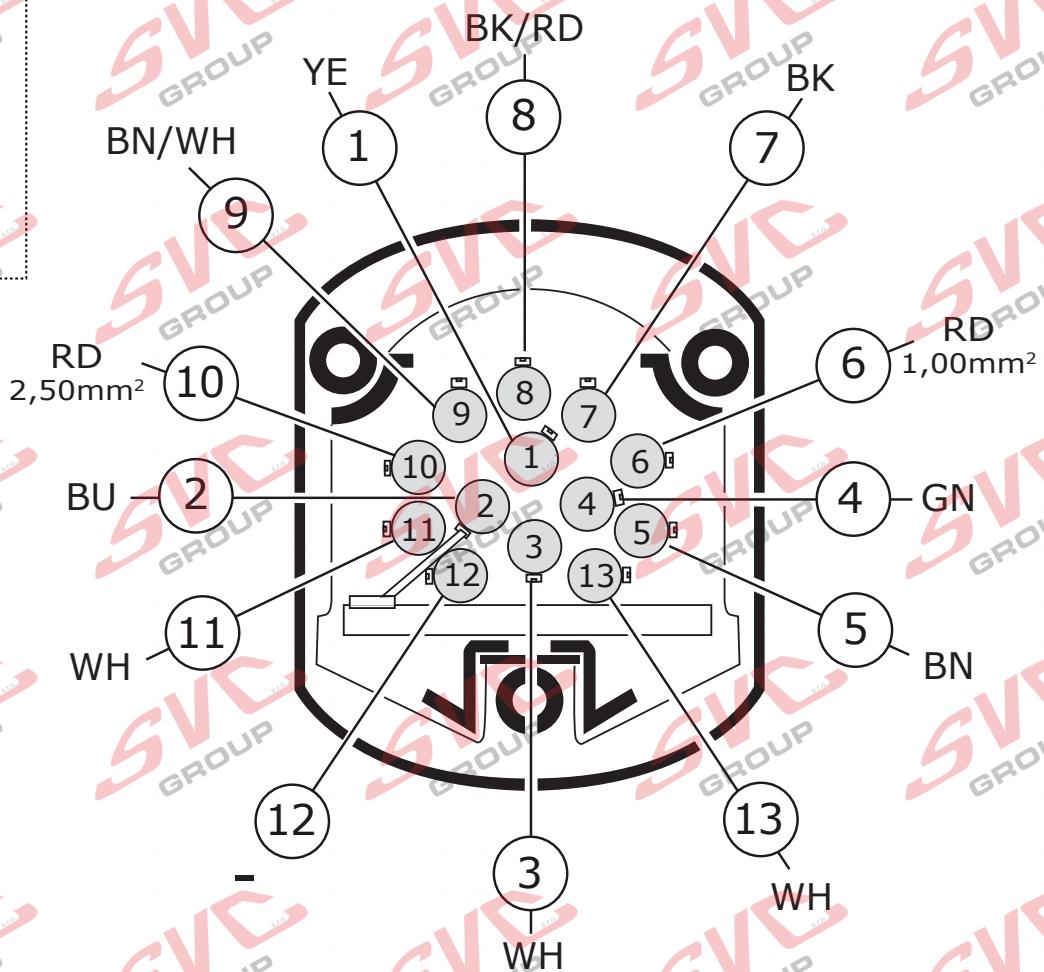
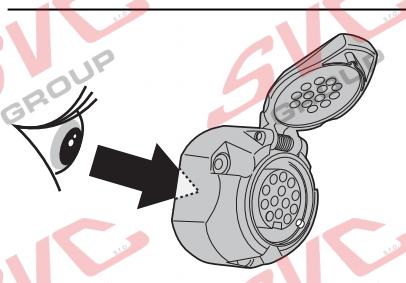
- (SE) Anslutning kontaktdosa
- (CZ) Objímkový konektor
- (DK) Stikdåse forbindelse
- (FI) Pistorasia liitintä
- (GR) Υποδοχή σύνδεσης
- (NO) Tilkobling koblingsboks
- (PL) Połączenie przez gniazdo

Page 38

**B**

**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 liitintä	(PL) Połaczenie 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 liitintä	(PL) Połaczenie przez gniazdo
(GB) Socket connection			

DIN/ISO 11446	←	→	1-8	→	↔	STOP	↔	Reverse	0-	30+	15+	10	—	9
1/L	2	3/31	4/R	5/58-R	6/54	7/58-L	8	9	10	11	12	13		
Pmax	21W	21W		21W	42W	3x21W	42W	21W	OPTION	OPTION				
	YE	BU	WH	GN	BN	RD 1,00mm²	BK	BK/RD	BN/WH	RD 2,50mm²	WH	-	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	Harmiaa	Vihreä	Valkoinen	Keltainen	Oranssi	Purppura	Vaaleanpunainen	Punainen
(GR)	Májpo	Kapé	Mήλε	Γκρι	Πράσινο	Λευκό	Κίτρινο	Πορτοκαλί	Μοβ	Pož	Kόκκινο
(NO)	Svart	Brun	Blå	Grå	Grønn	Hvit	Gul	Oransje	Lilla	Rosa	Rød
(PL)	Czarny	Brazowy	Niebieski	Szary	Zielony	Biały	Żółty	Pomarańczowy	Purpurowy	Różowy	Czerwony