

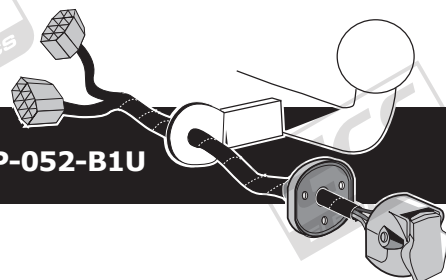
## OPEL

Insignia Sedan F69 11/2008-  
Insignia Hatchback F68 11/2008-  
Insignia Sports Tourer F35 11/2008-

## CHEVROLET

Aveo HB MY 2012-  
Aveo SDN MY 2012-  
Cruze HB MY 2012-  
Cruze NB MY 2010-

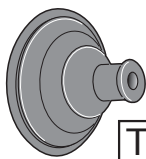
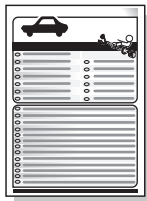
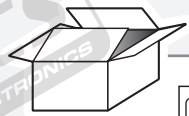
Partnr.: OP-052-B1U



- Fitting instructions electric wiring kit tow bar with 12-N socket up to DIN/ISO Norm 1724.
- 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 technical support:  
[t.skinner@ecs-electronics.com](mailto:t.skinner@ecs-electronics.com) / 07440 202 052.



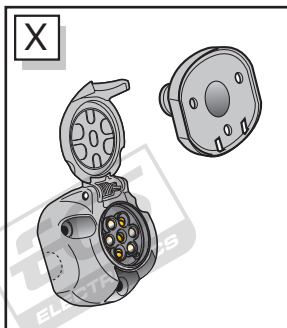
# Part list



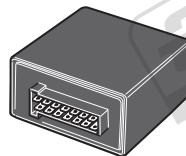
T2



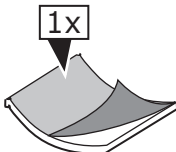
T1



X



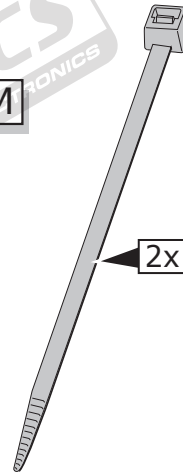
M



1x



G

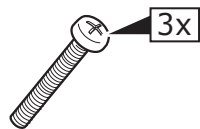


2x

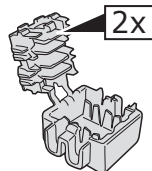
**UN-243-YZ**

Optional reverse lamp  
pre-wire extension included

Pag. 37



3x



2x



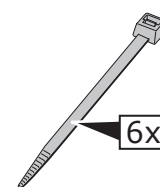
3x

A

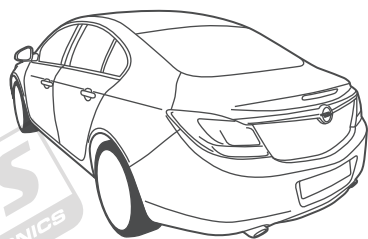


1x

20 Amp. minifuse

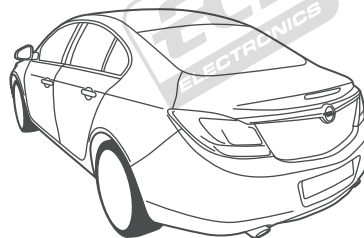


6x



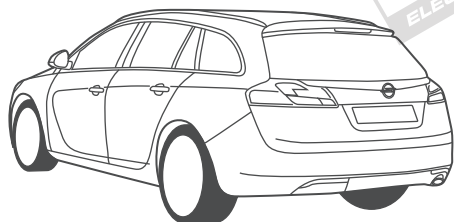
### Insignia SD

Pag. 4  
-  
Pag. 8



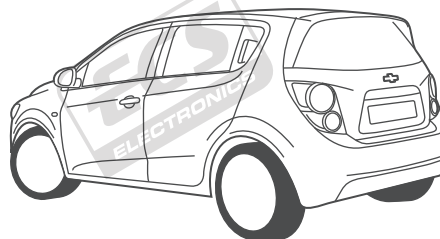
### Insignia HB

Pag. 9  
-  
Pag. 12



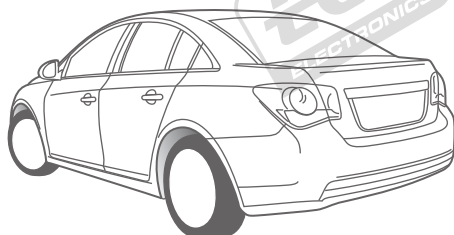
### Insignia ST

Pag. 13  
-  
Pag. 17



### Aveo HB

Pag. 18  
-  
Pag. 20



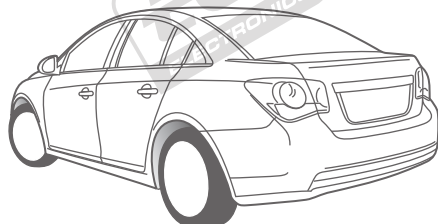
### Aveo SD

Pag. 21  
-  
Pag. 23



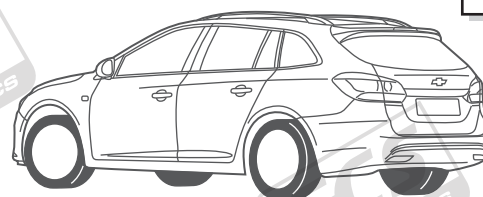
### Cruze HB

Pag. 24  
-  
Pag. 26



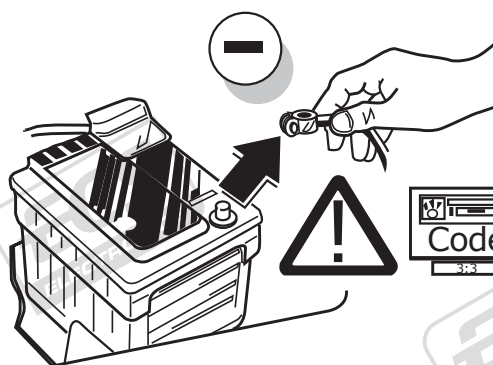
### Cruze NB

Pag. 27  
-  
Pag. 30

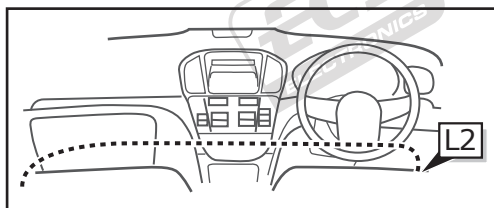
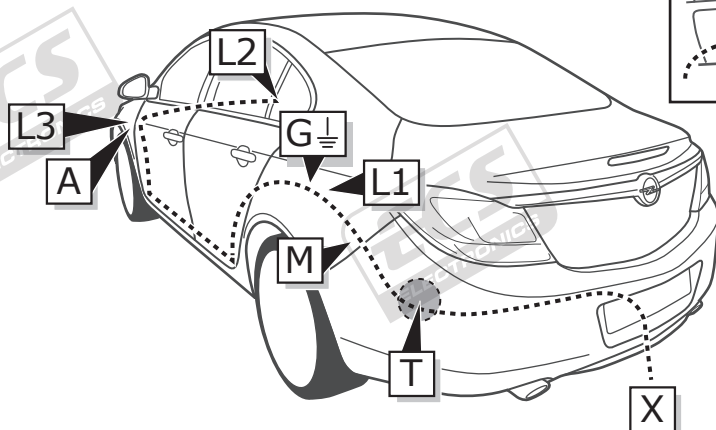


### Cruze SW

Pag. 31  
-  
Pag. 33



## INFO

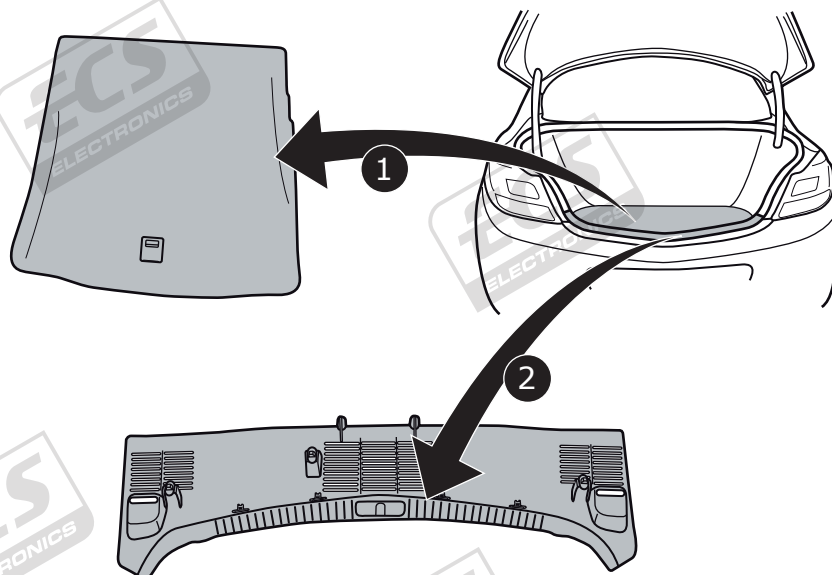


## Insignia SD

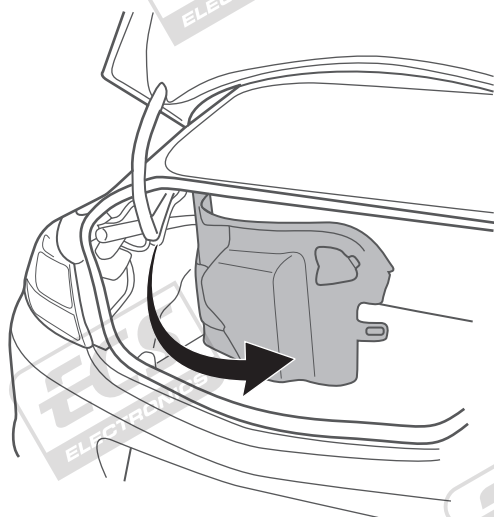
Pag. 4

-  
Pag. 8

1

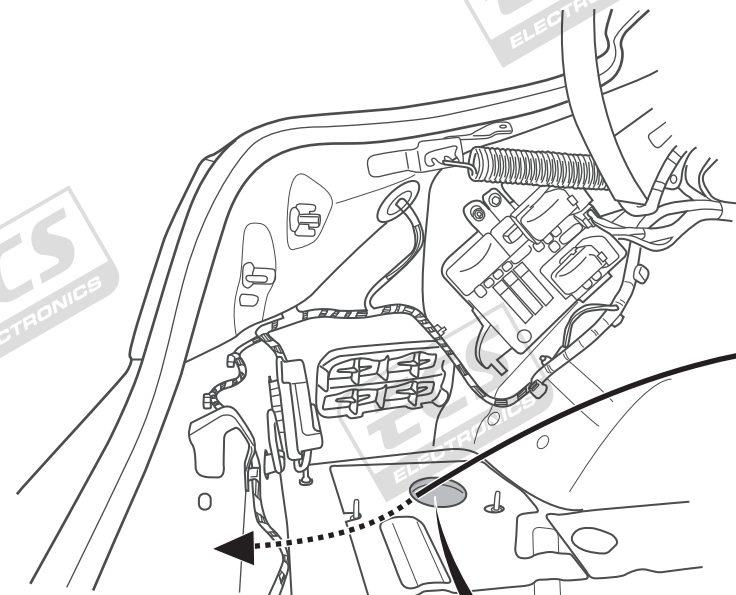


2





3



-2014

T1

X

40mm

T2

2

3

2

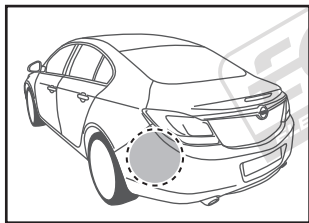
2014-

T2

X

30mm

T1



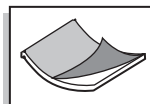
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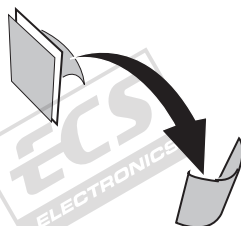
Pag. 34

5

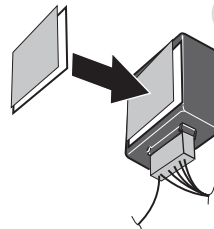
1



2

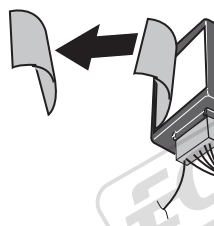


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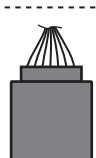
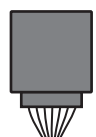


M

4



M



6

M

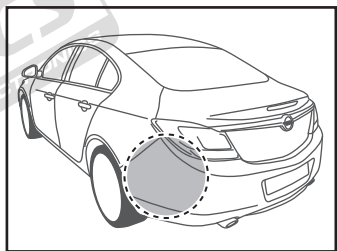
1

2

3

10 mm

G

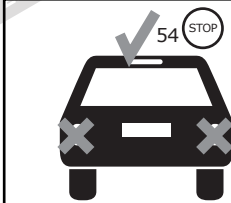
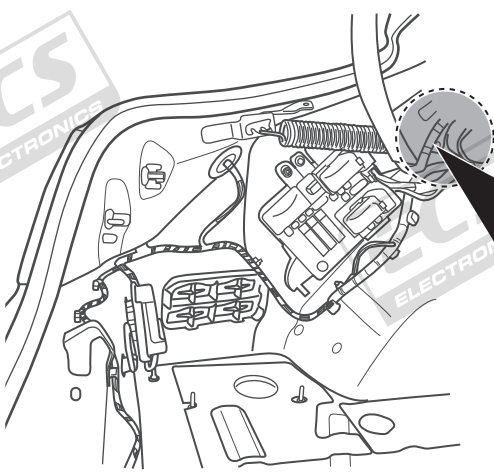
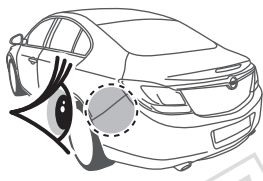


-2014

L1

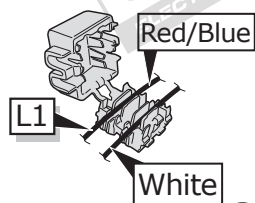


54 STOP



White

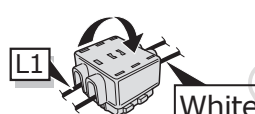
1



Red/Blue

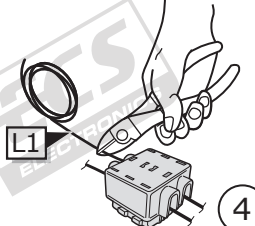
White

2



White

3



4

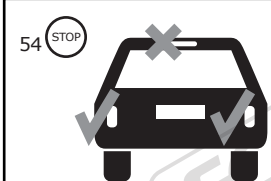
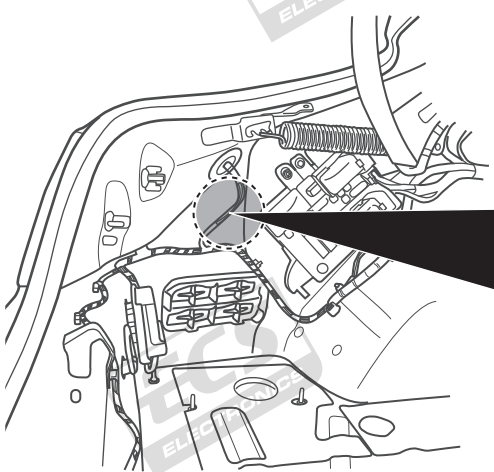
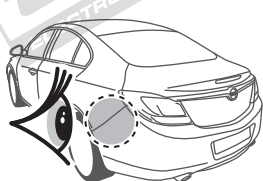
8

2014-

L1

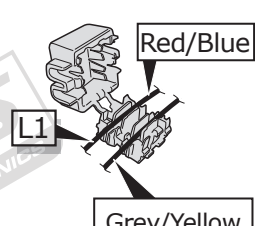


54 STOP



Grey/Yellow

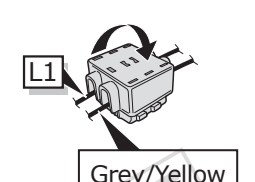
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Red/Blue

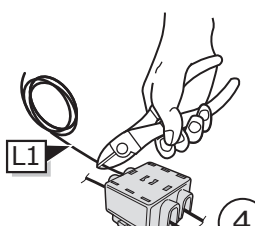
Grey/Yellow

2



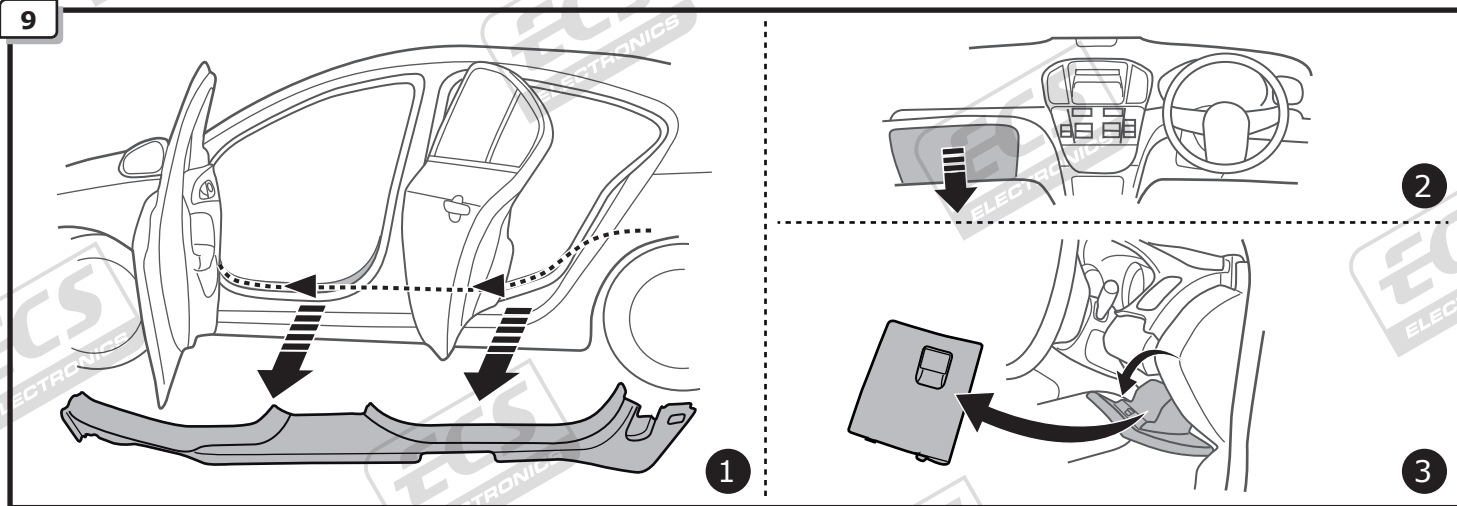
Grey/Yellow

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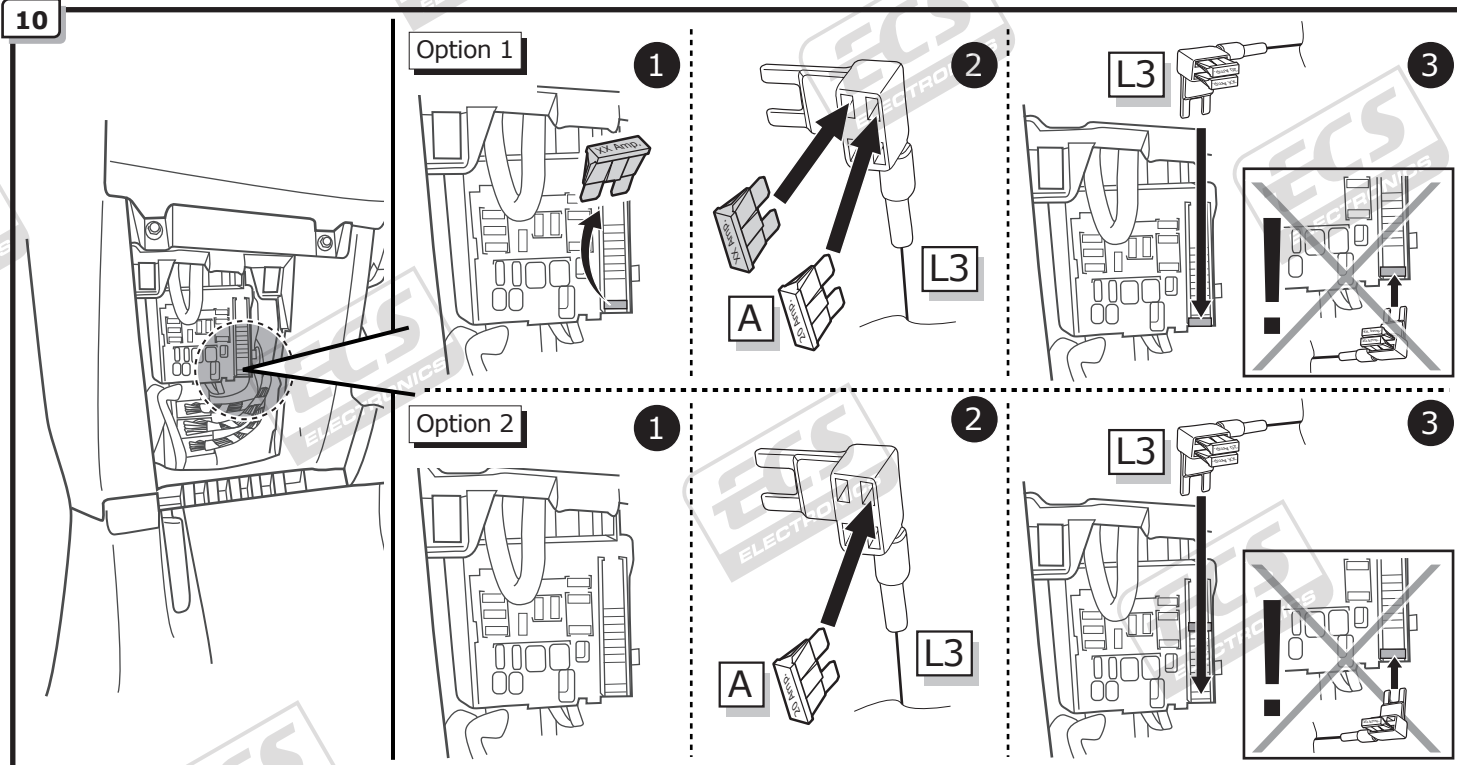


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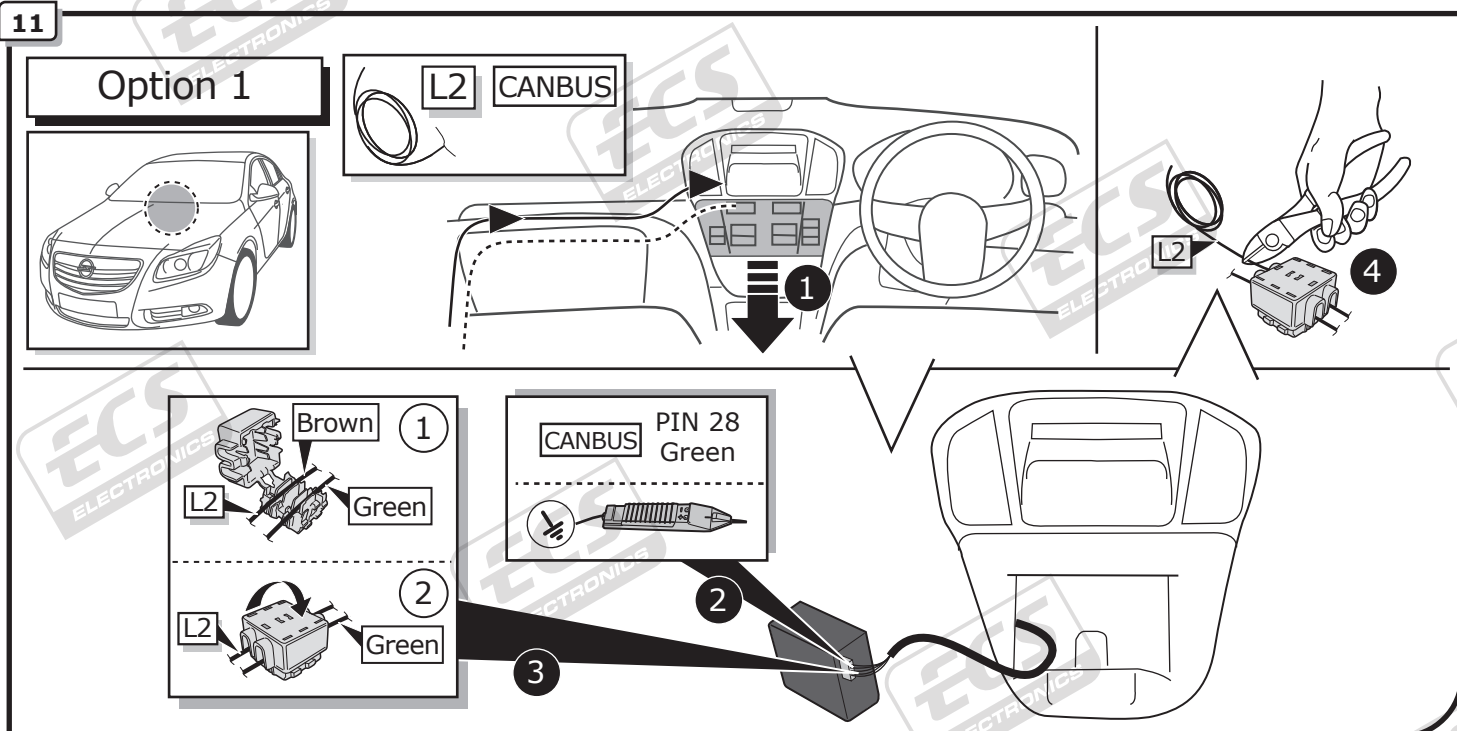
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10

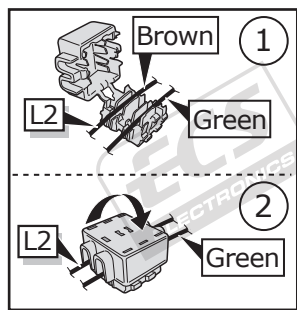
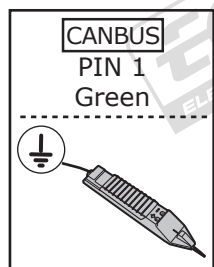
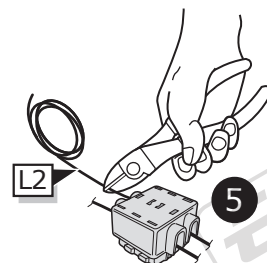
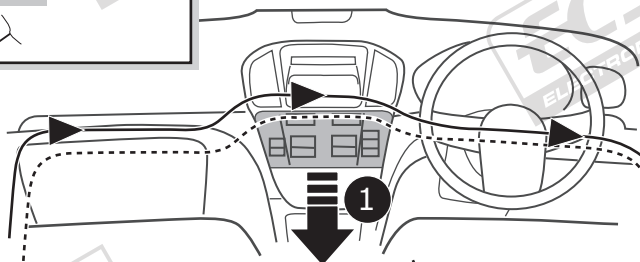
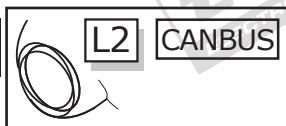
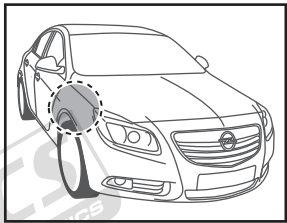


11



12

## Option 2



3

2

4

13

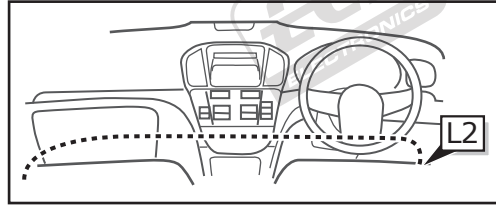
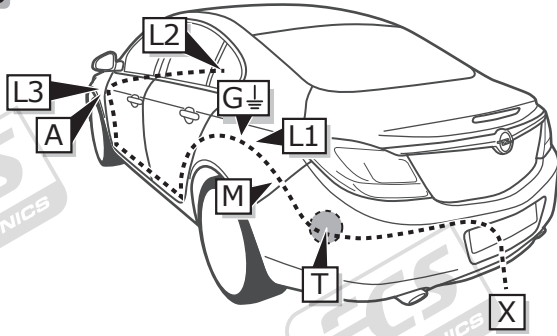


Pag. 35



# Insignia HB

## INFO

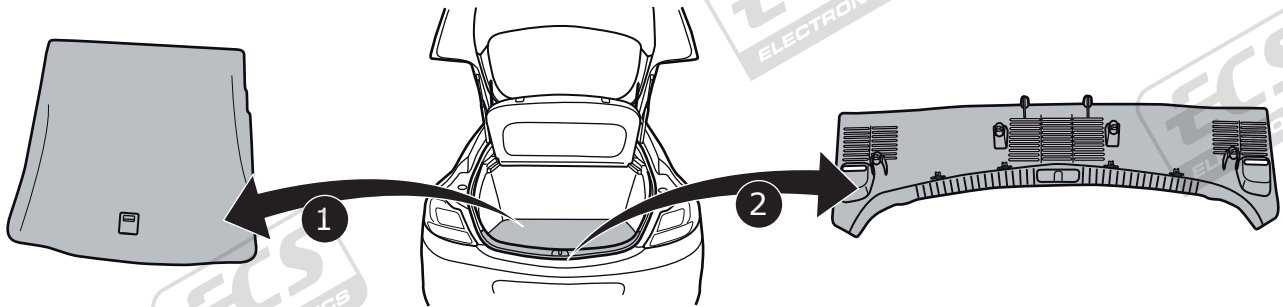


## Insignia HB

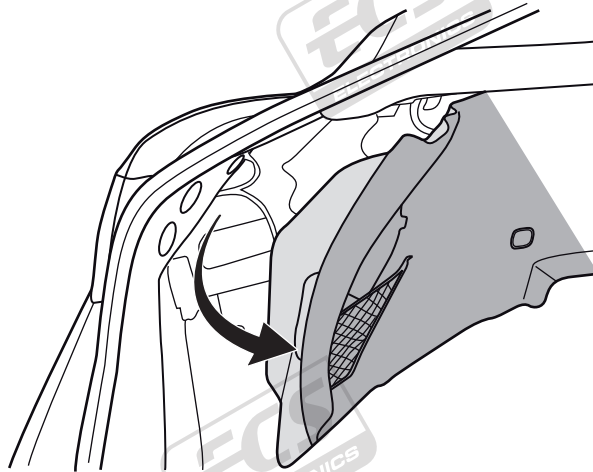
Pag. 9

-  
Pag. 12

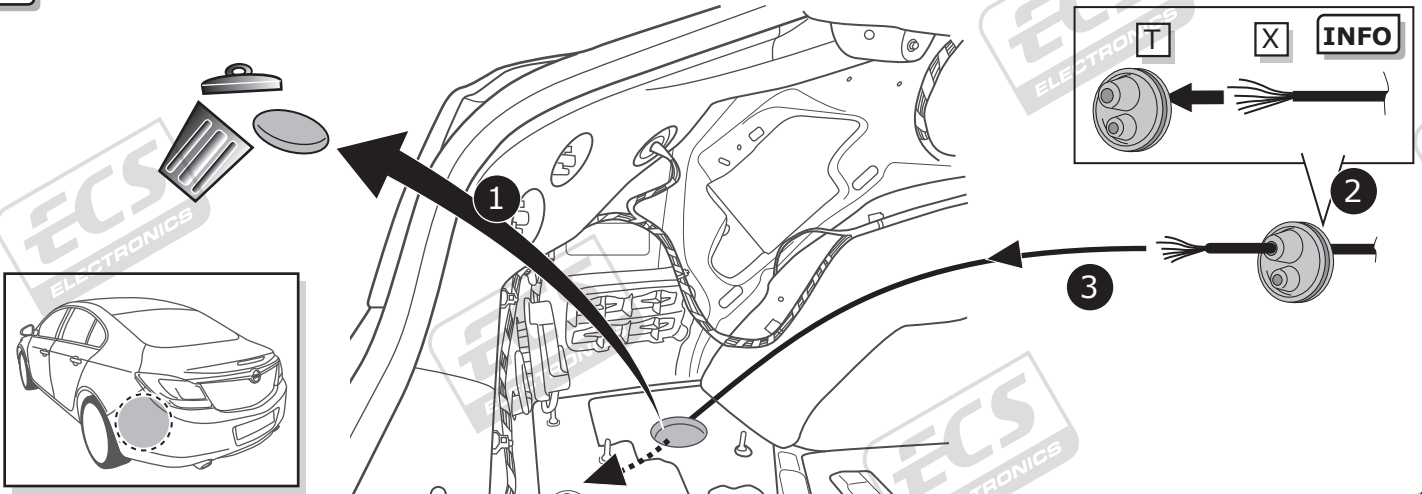
1



2



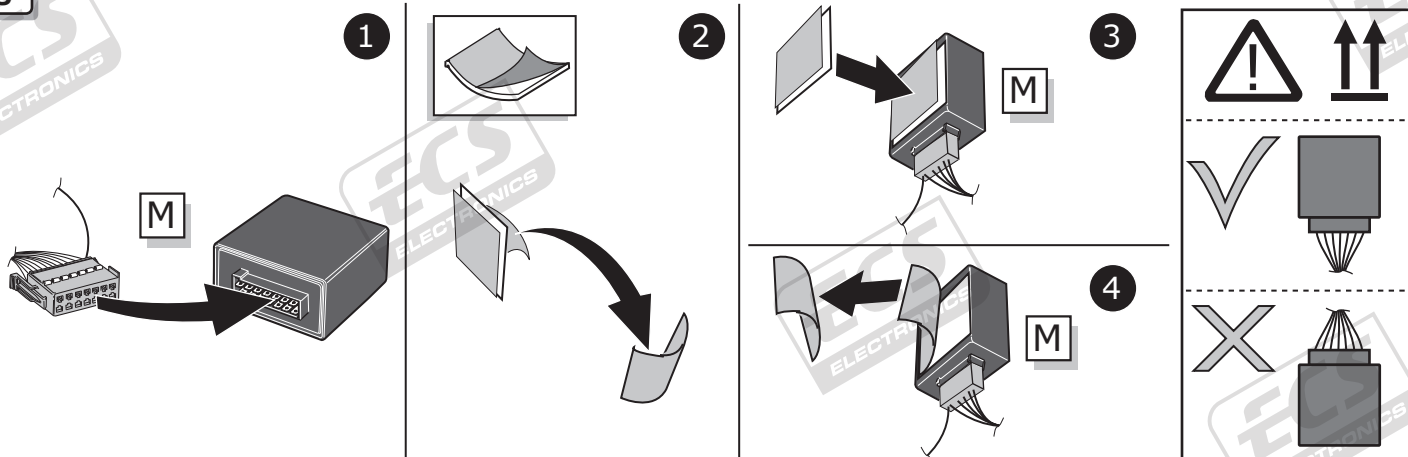
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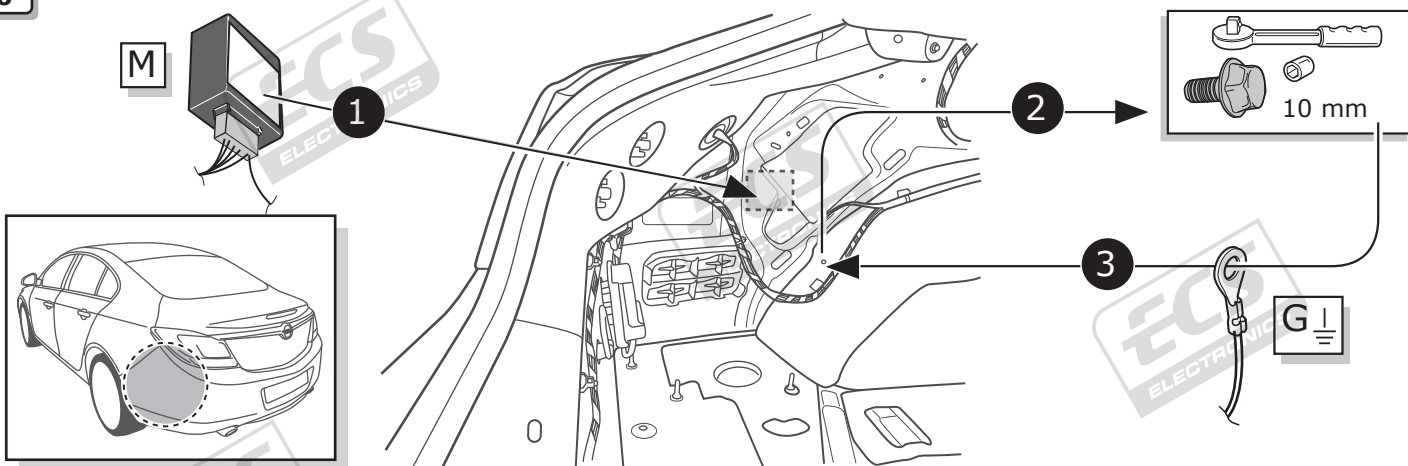
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Pag. 34

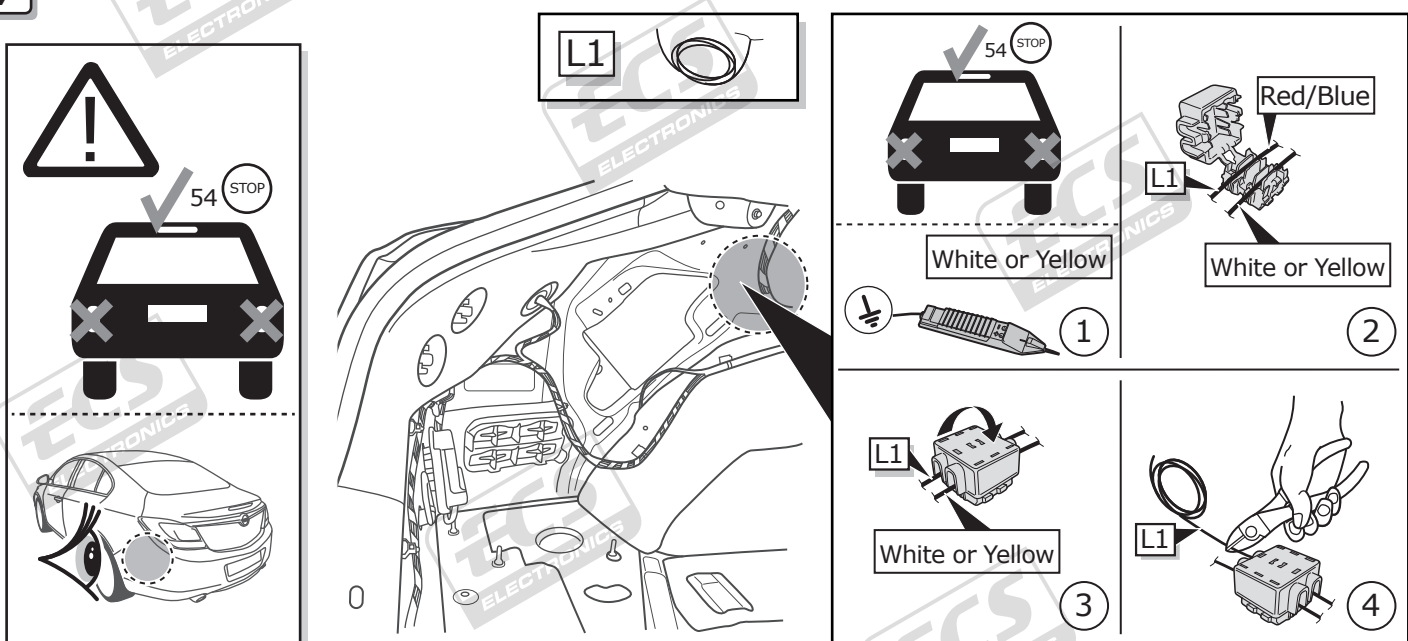
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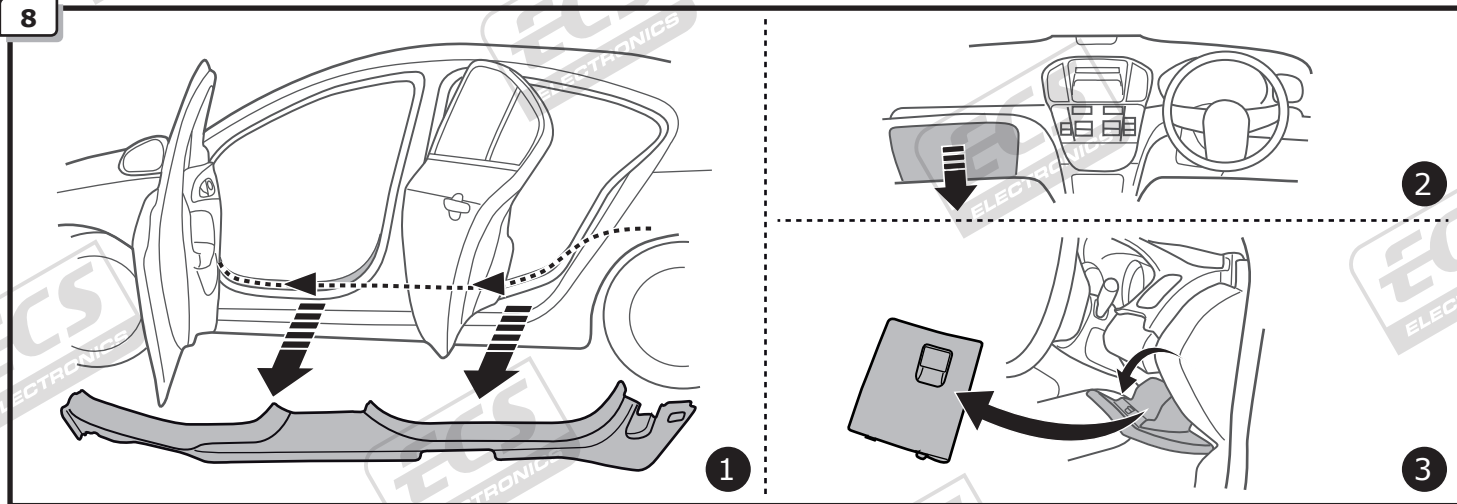


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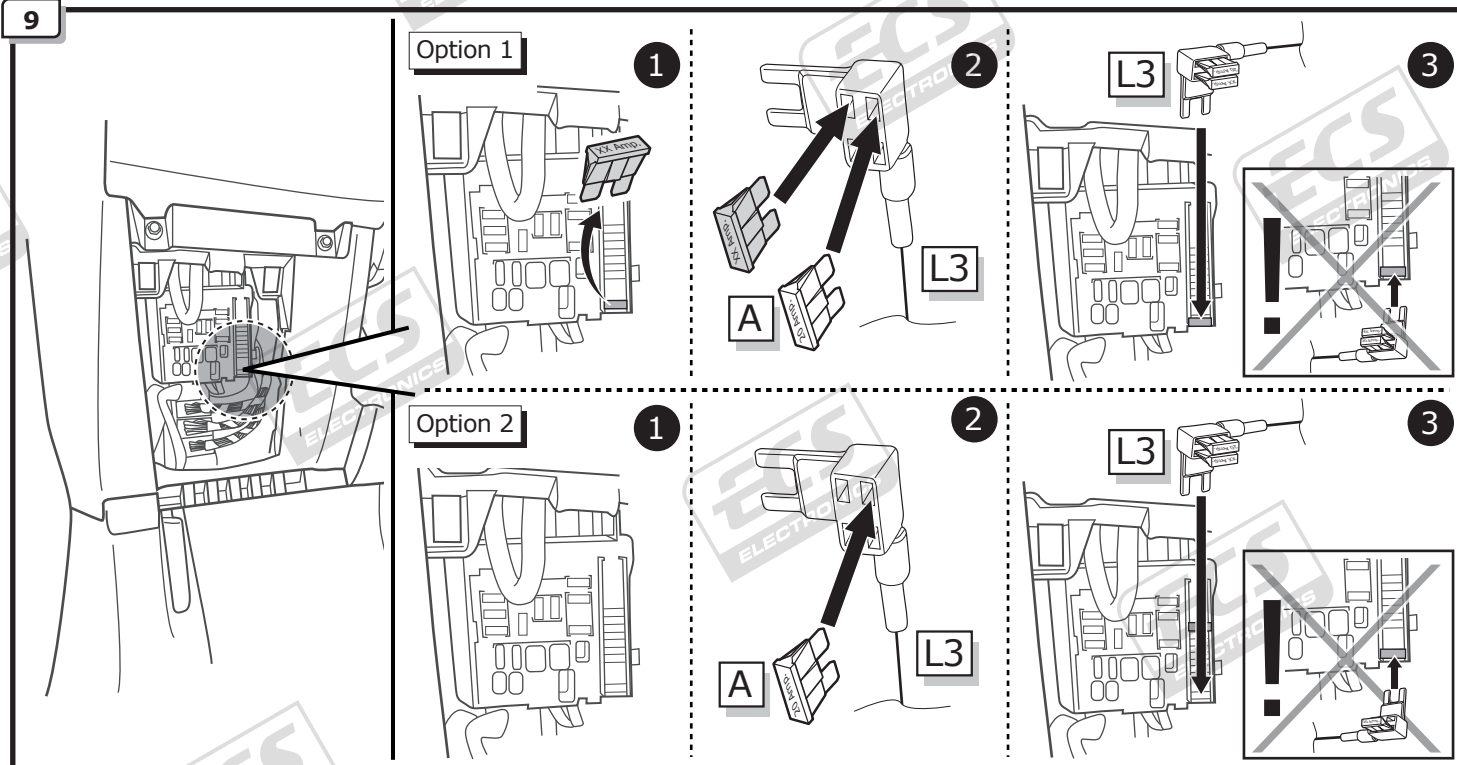




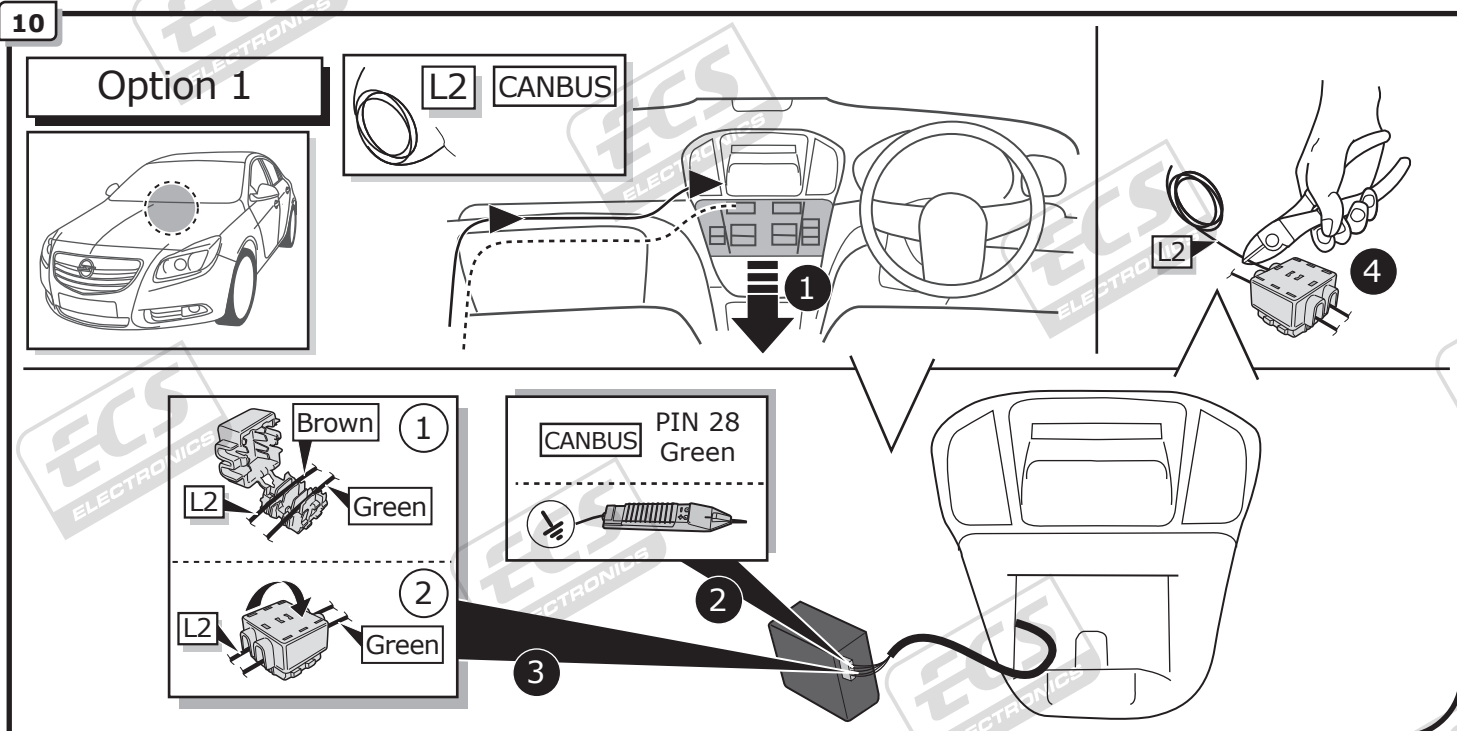
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9

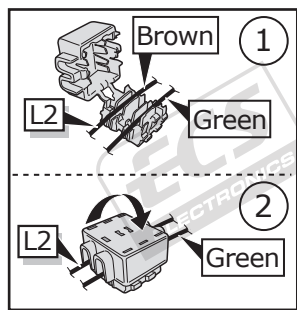
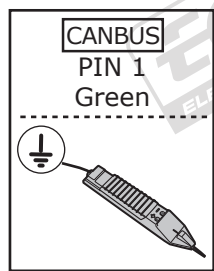
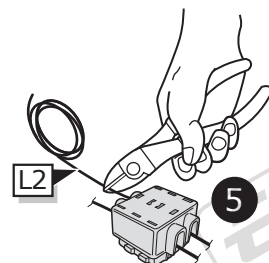
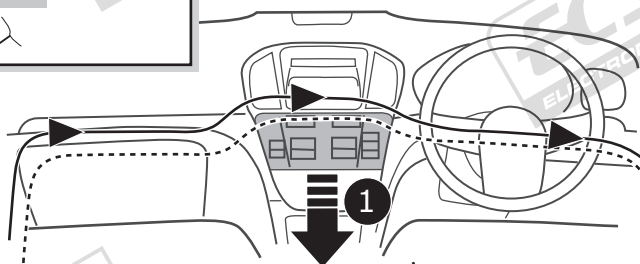
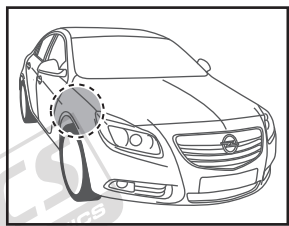


10



11

## Option 2



3

2

4

12



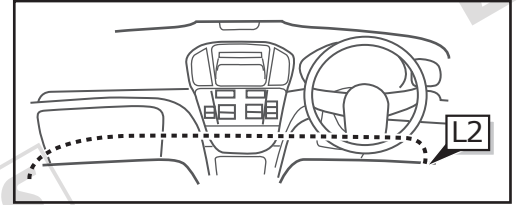
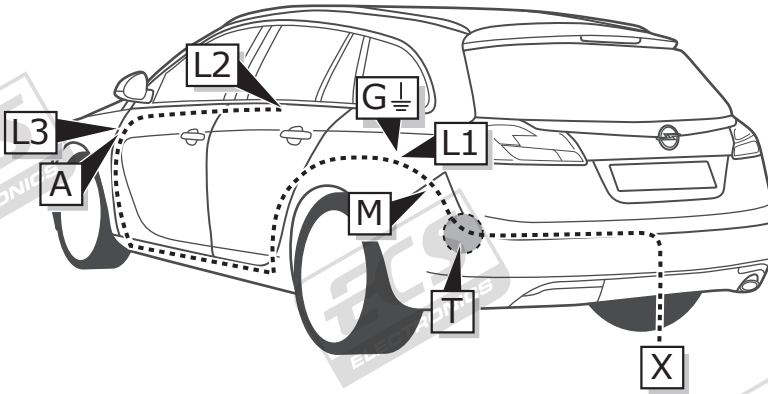
Pag. 35

## INFO

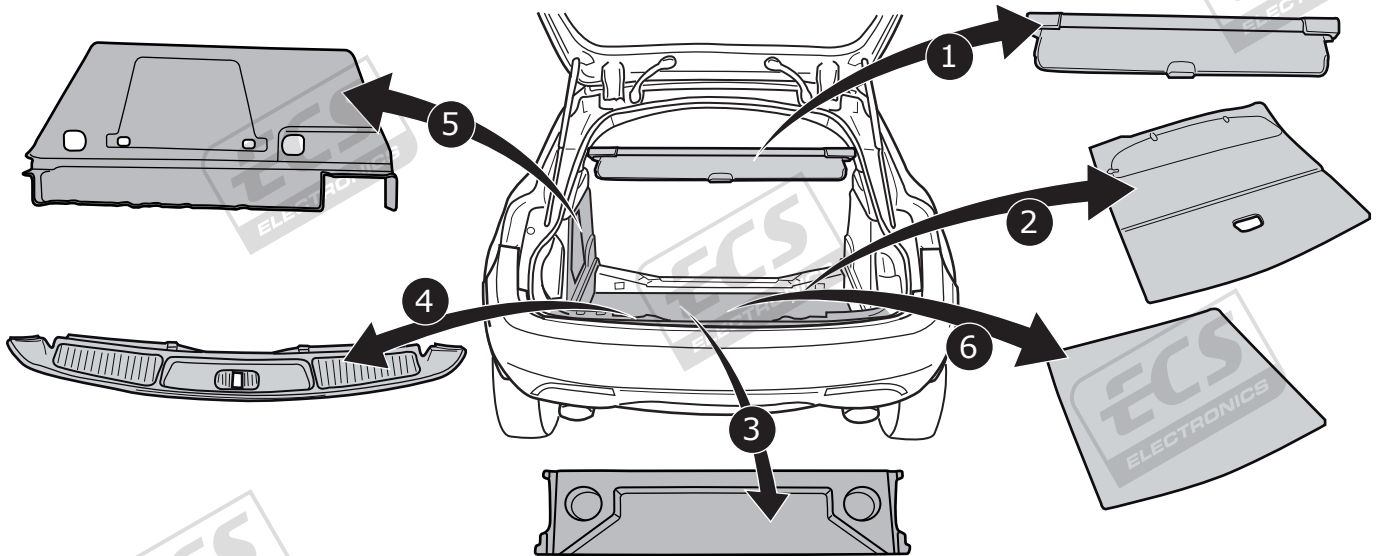
## Insignia ST

Pag. 13

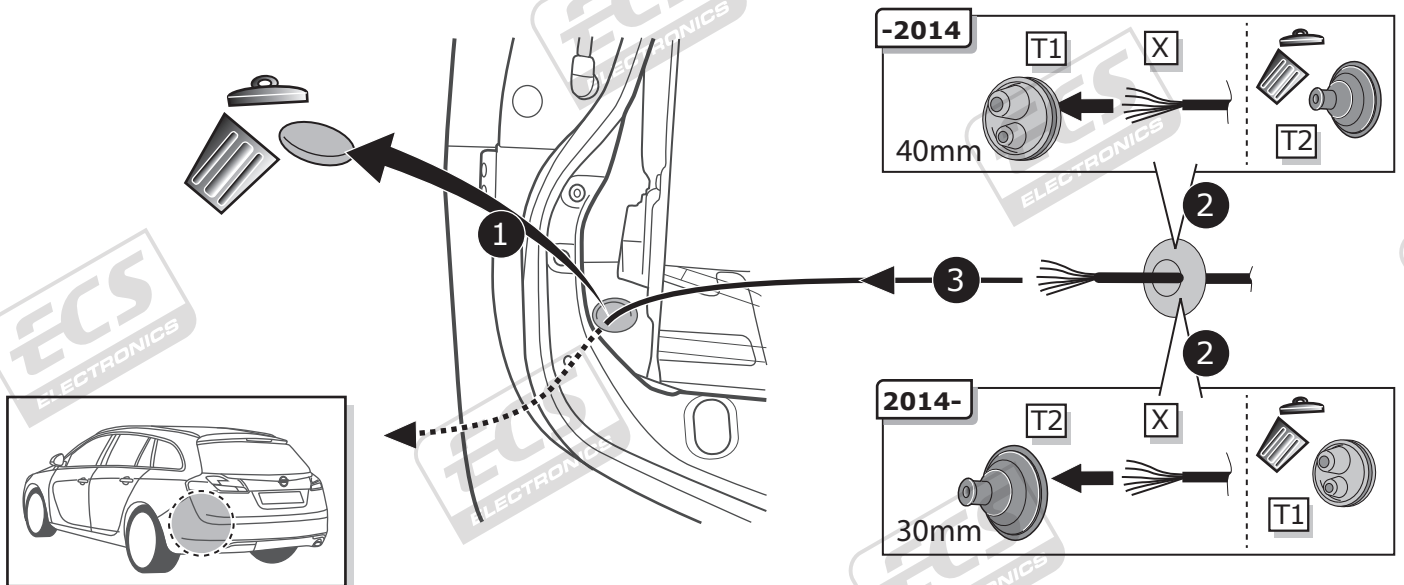
Pag. 17



1



2

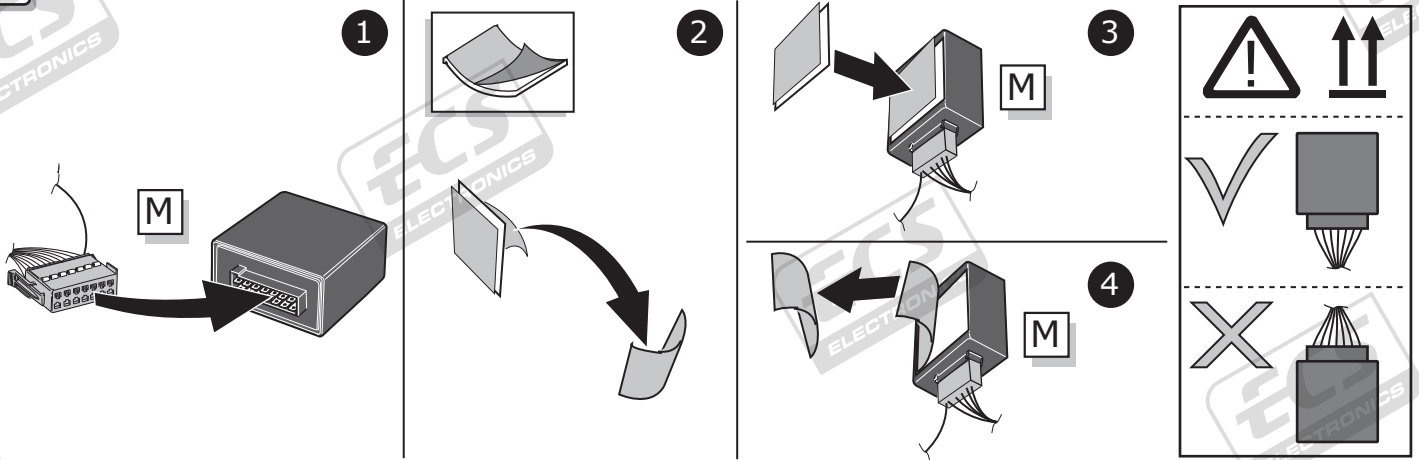


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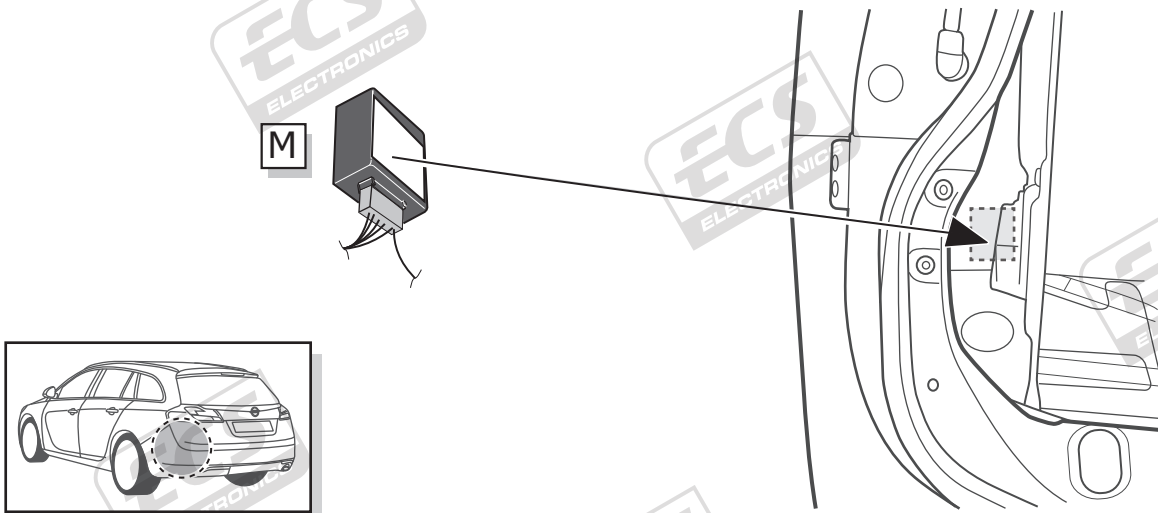


Pag. 34

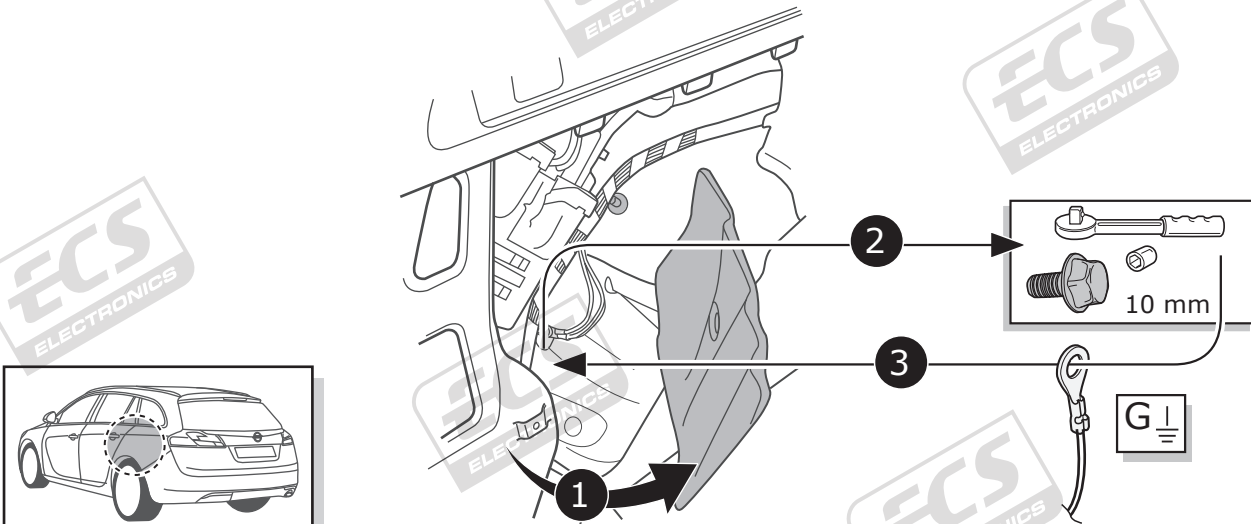
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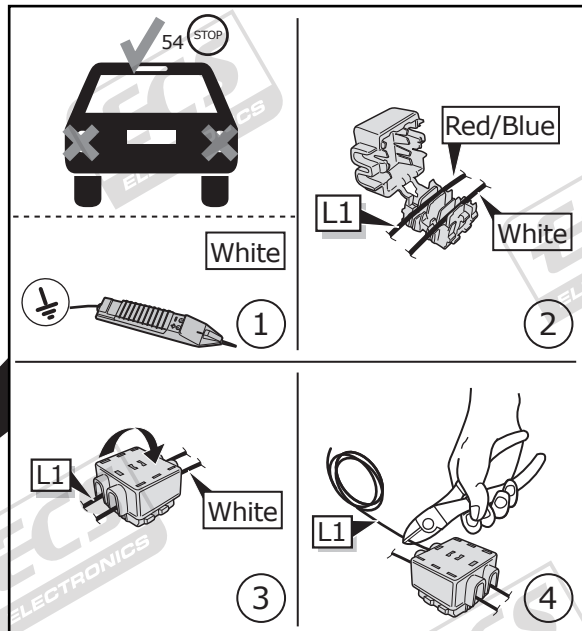
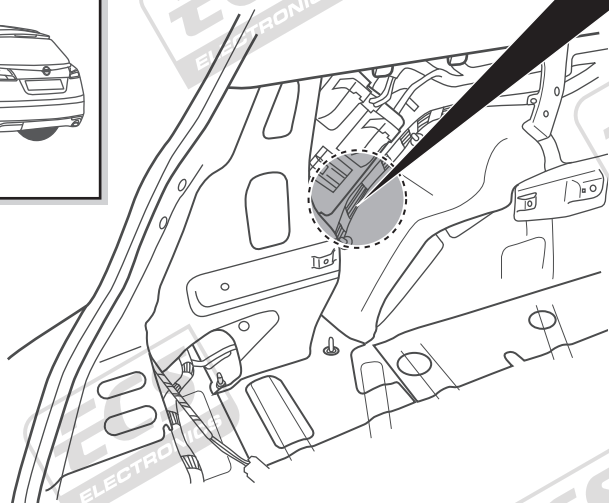
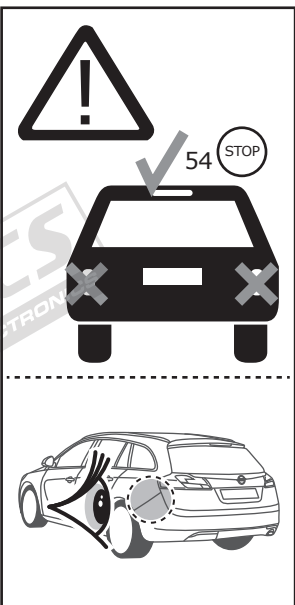
6



7

-2014

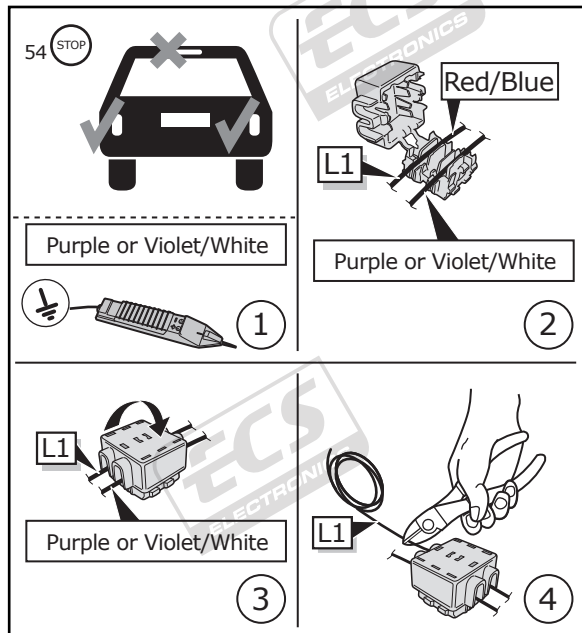
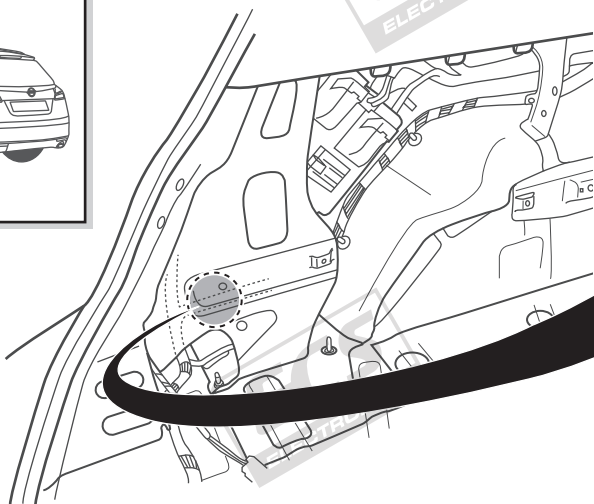
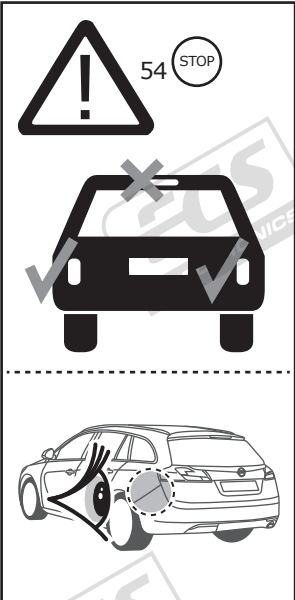
L1



8

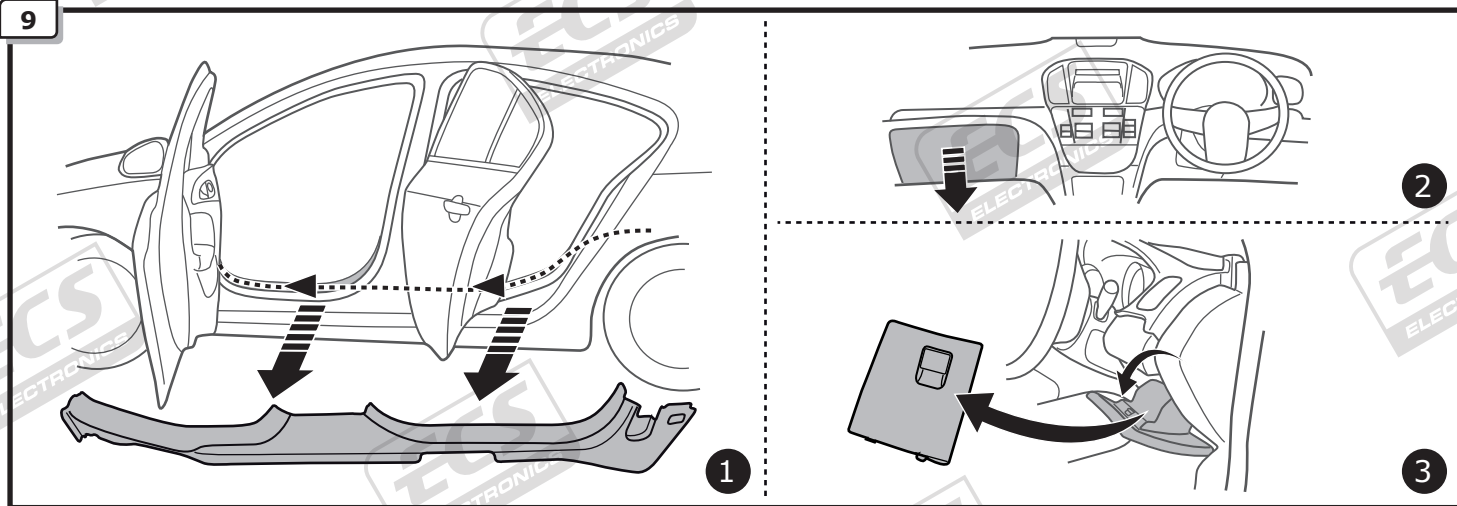
2014-

L1

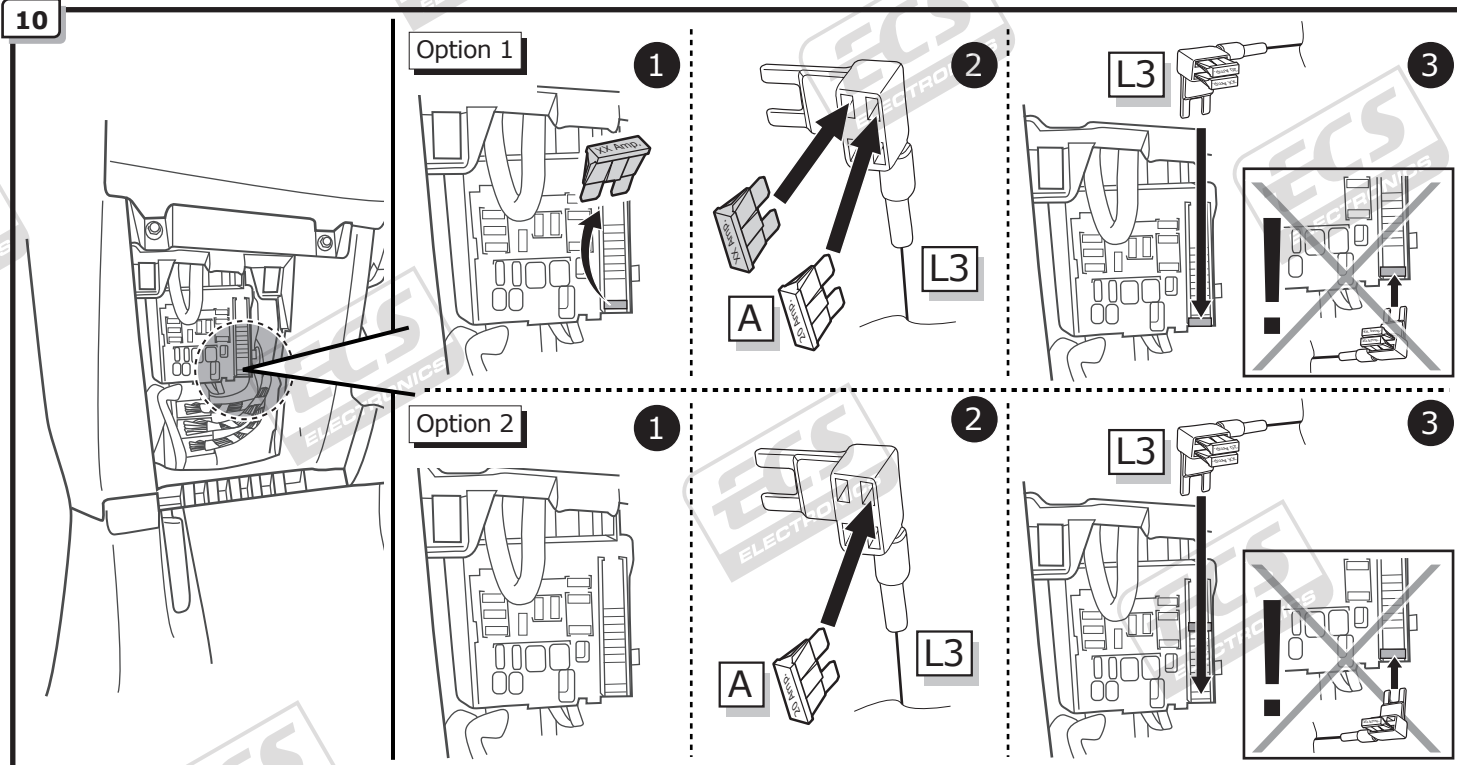




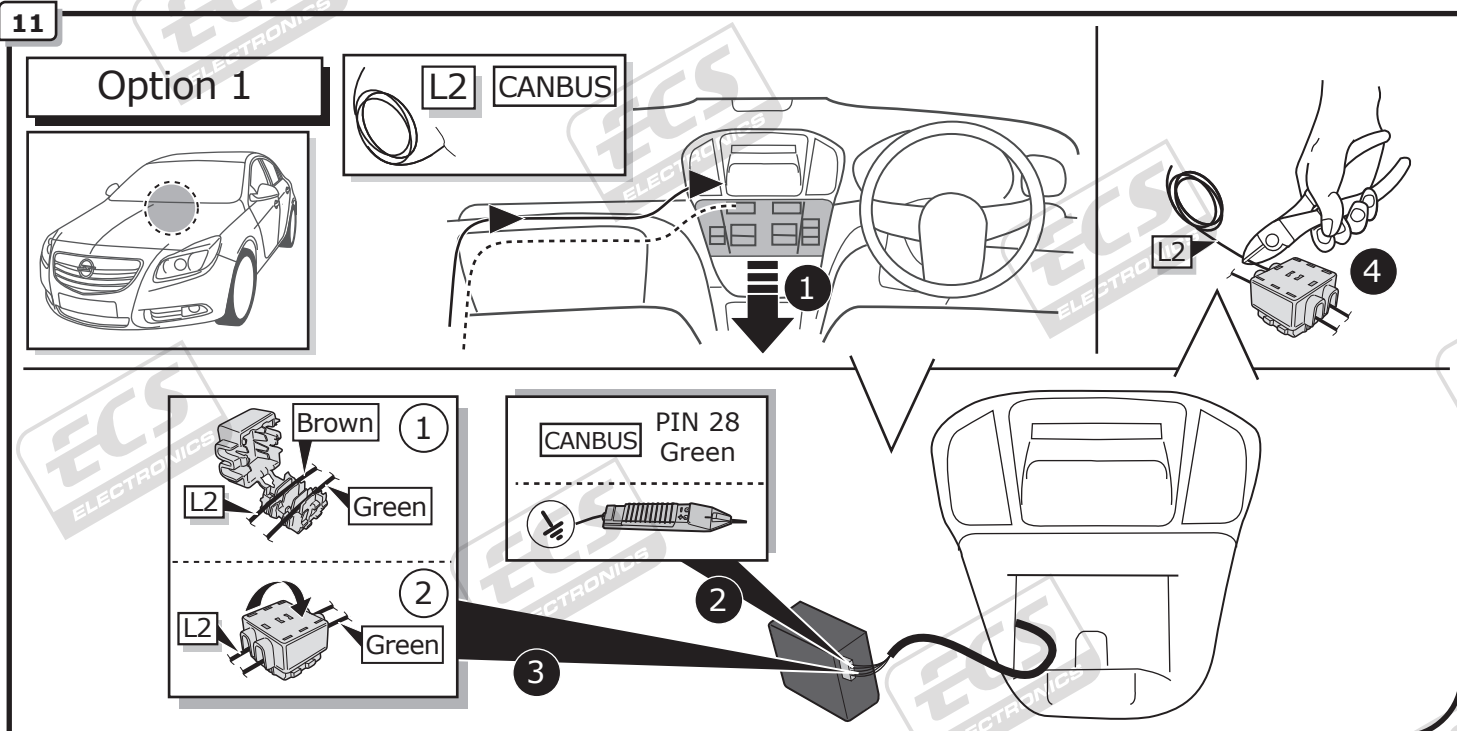
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10



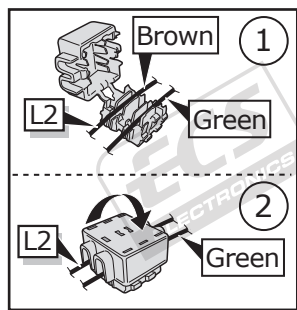
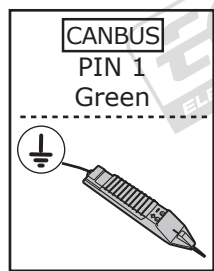
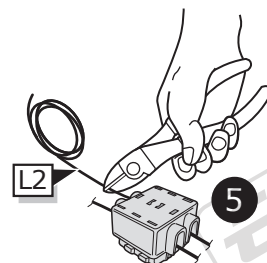
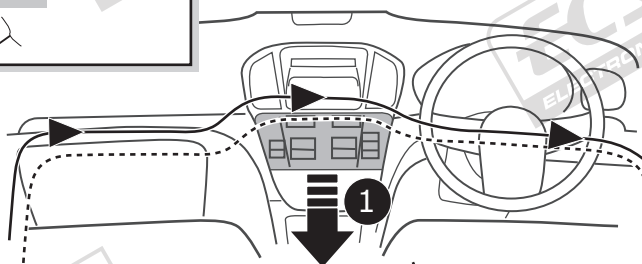
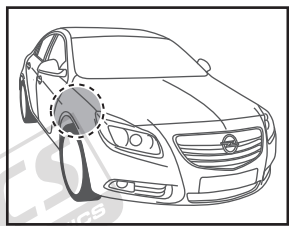
11





12

## Option 2



3

2

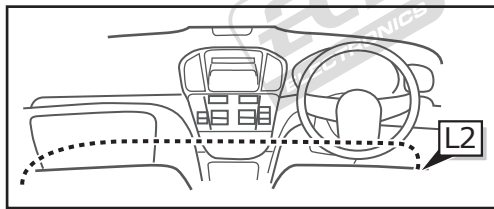
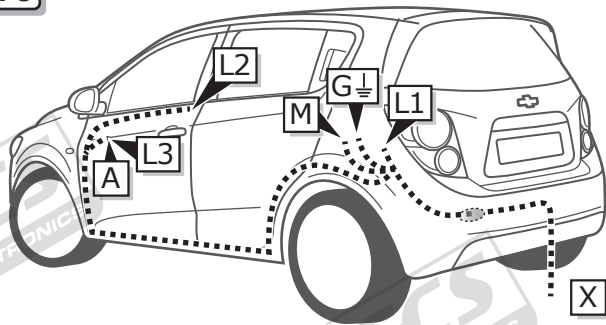
4

13



Pag. 35

INFO

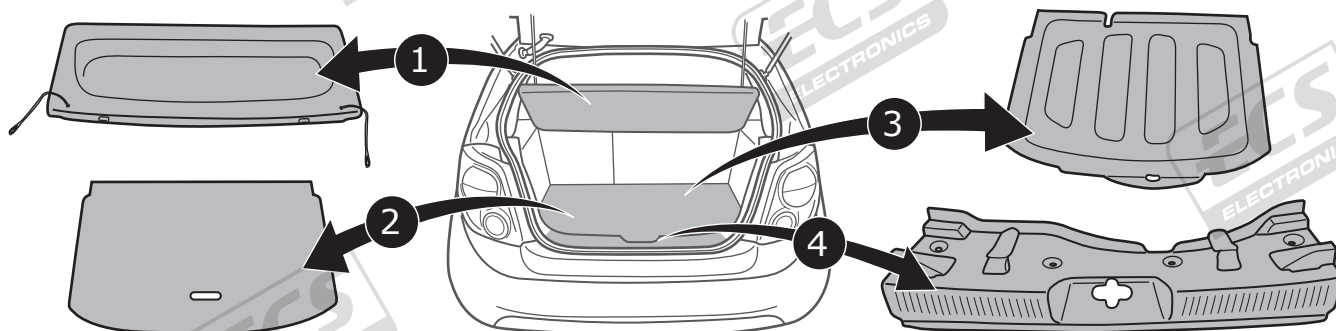


Aveo HB

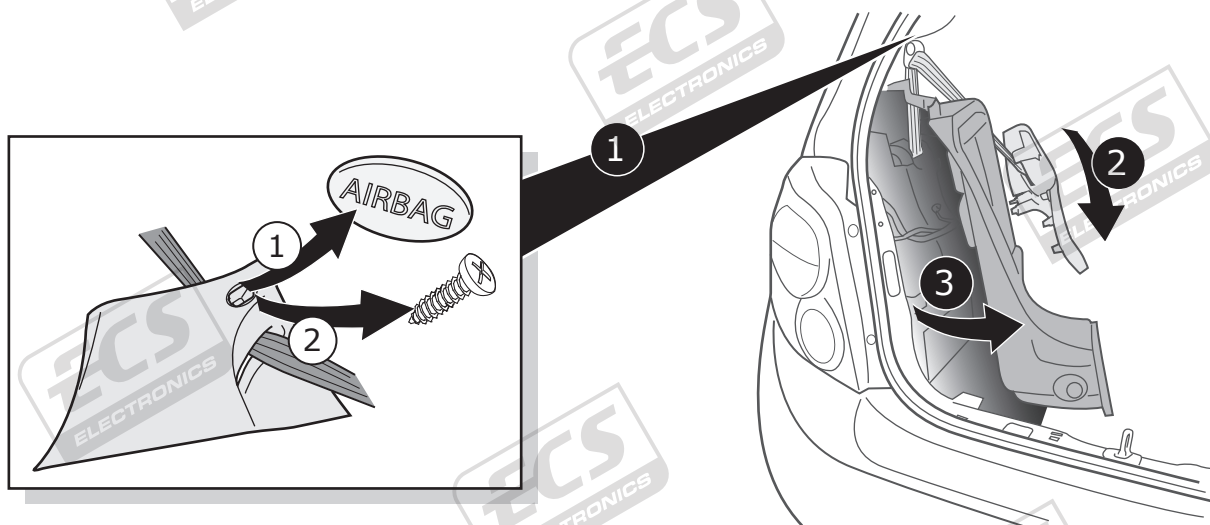
Pag. 18

- Pag. 20

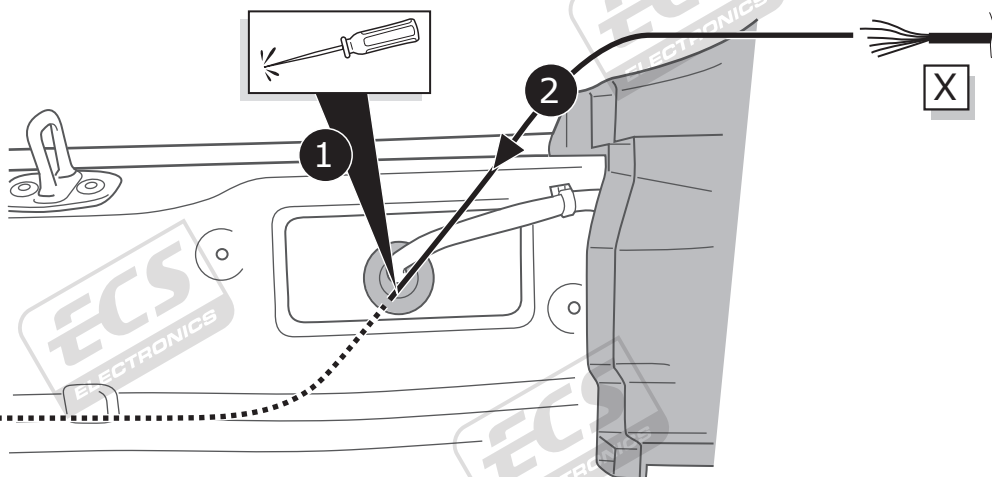
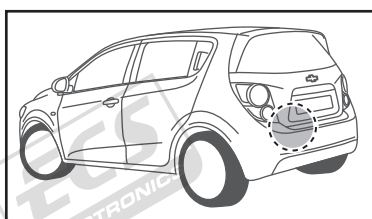
1



2



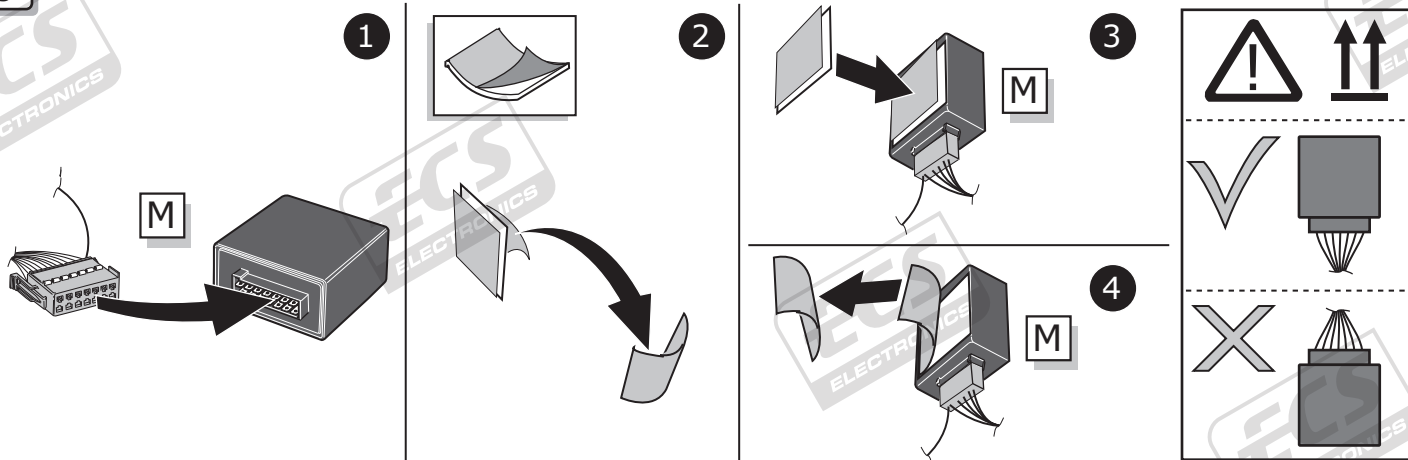
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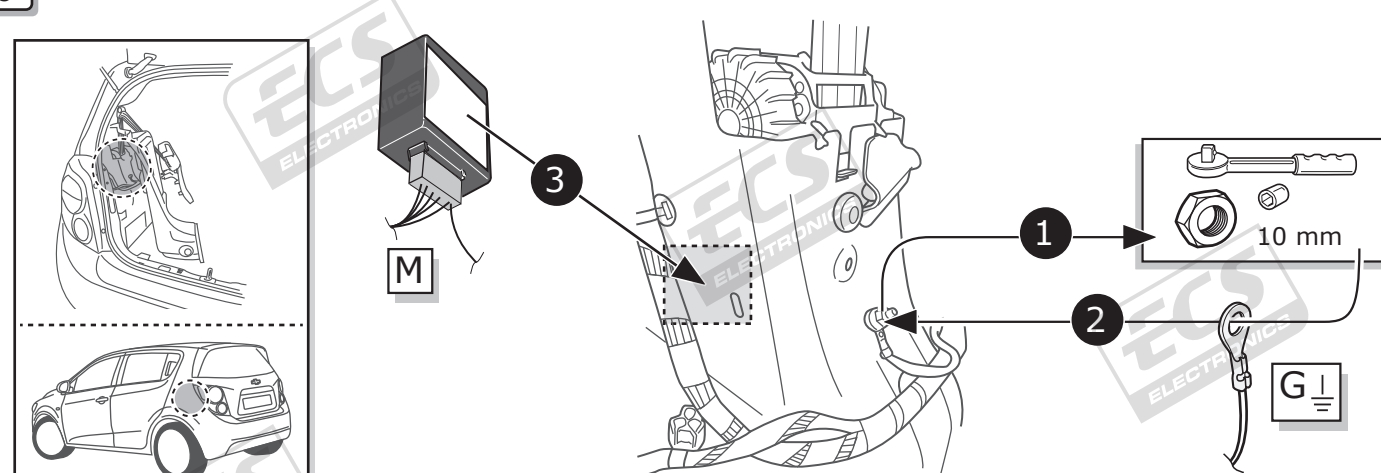
4

Pag. 34

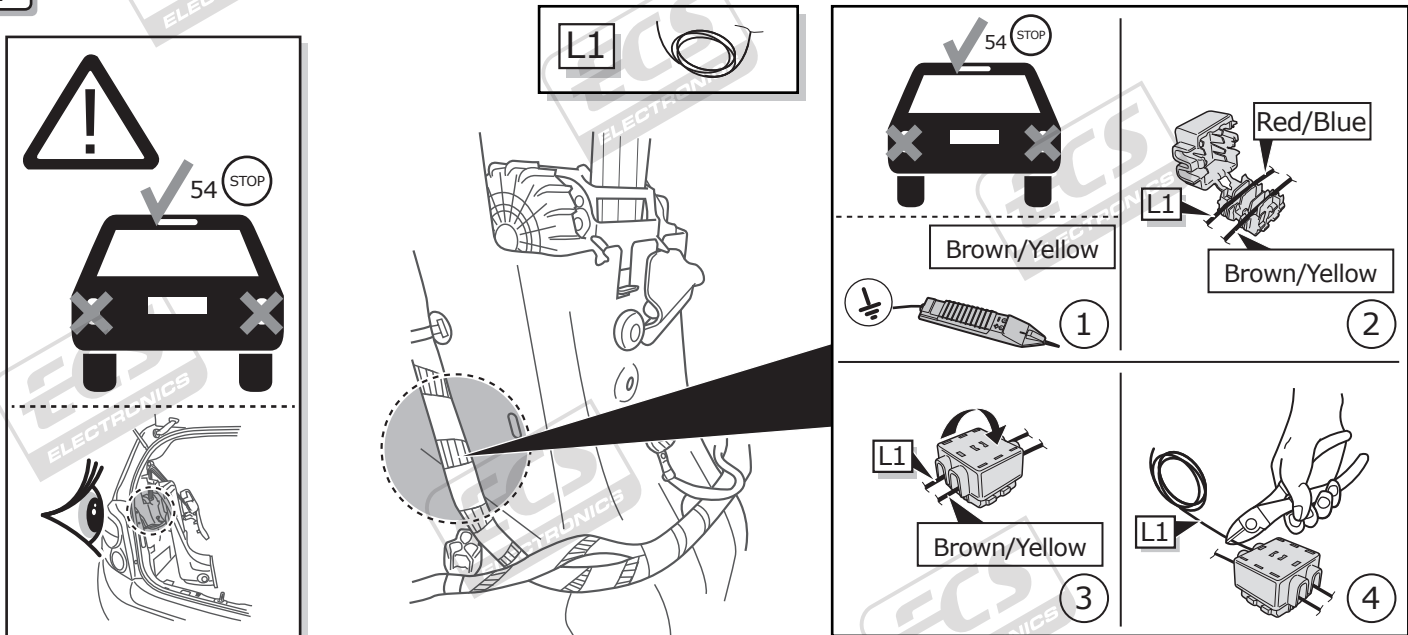
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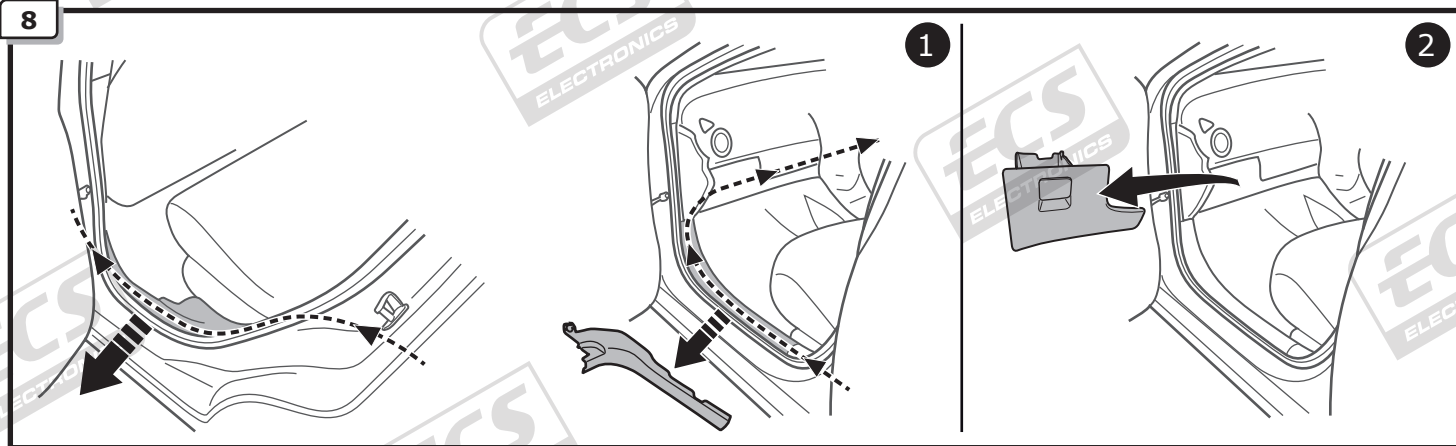
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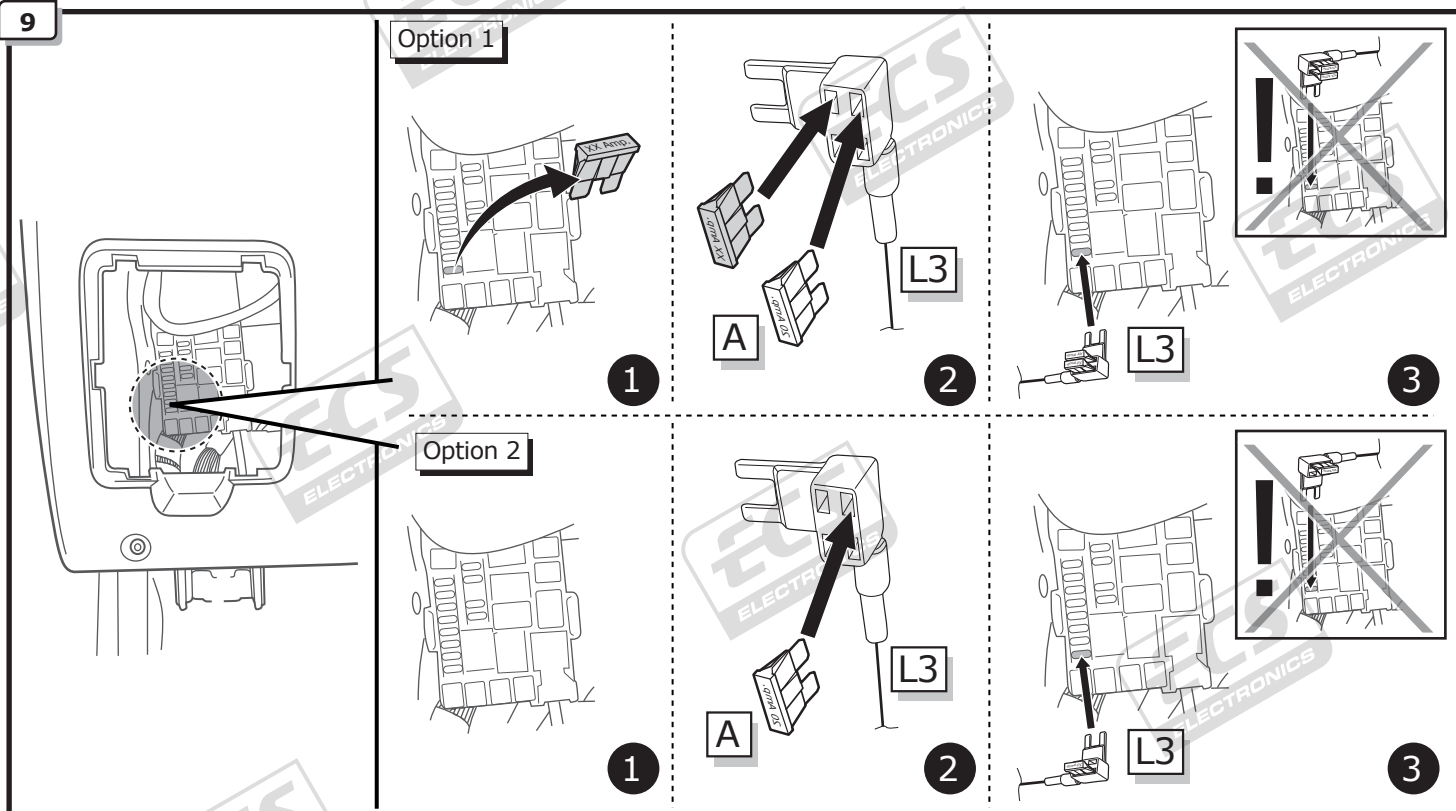
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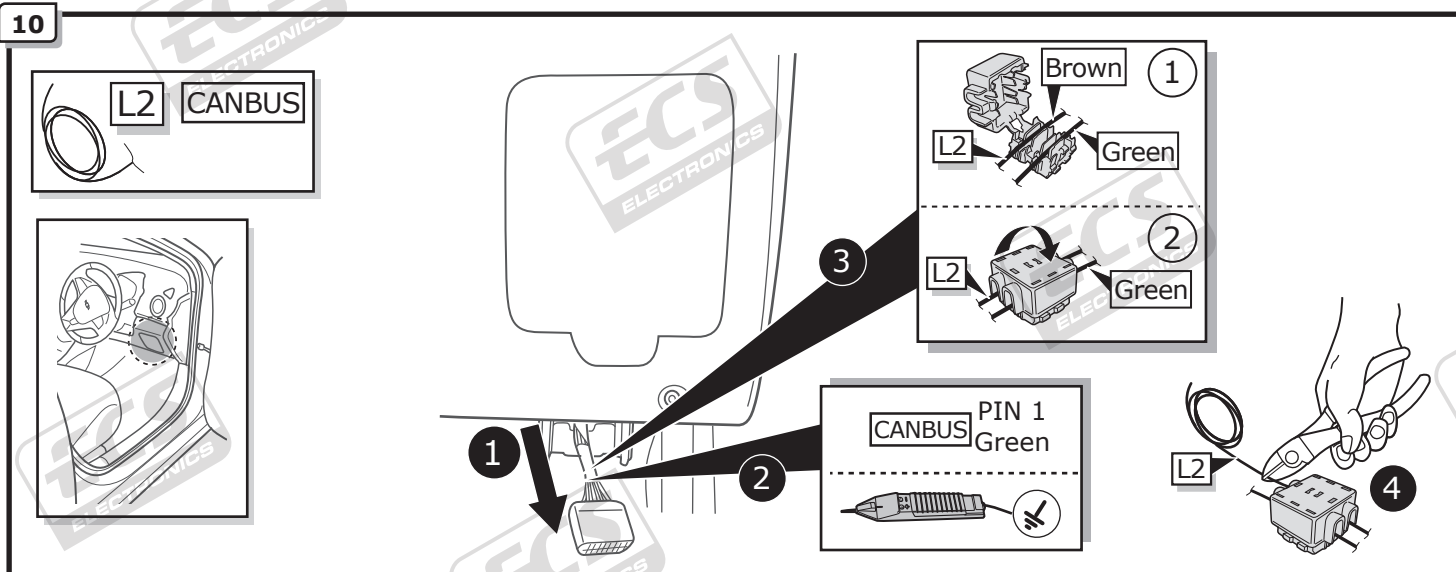
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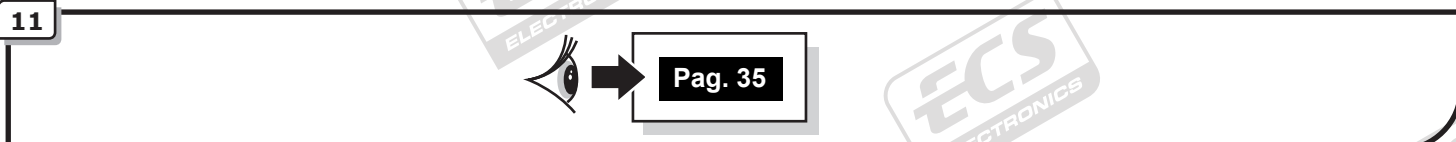
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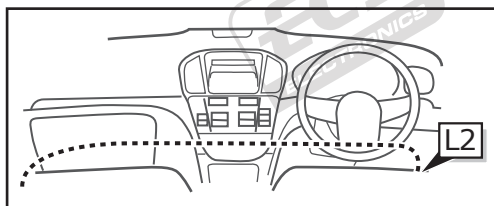
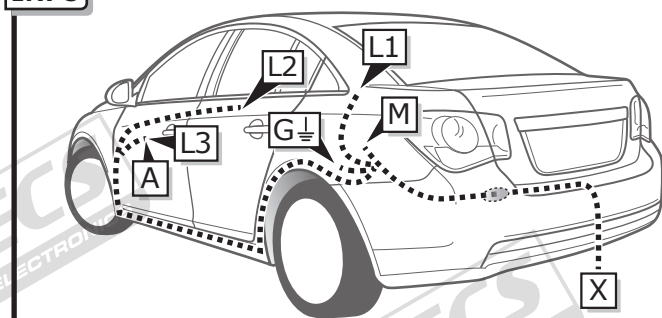
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11



INFO

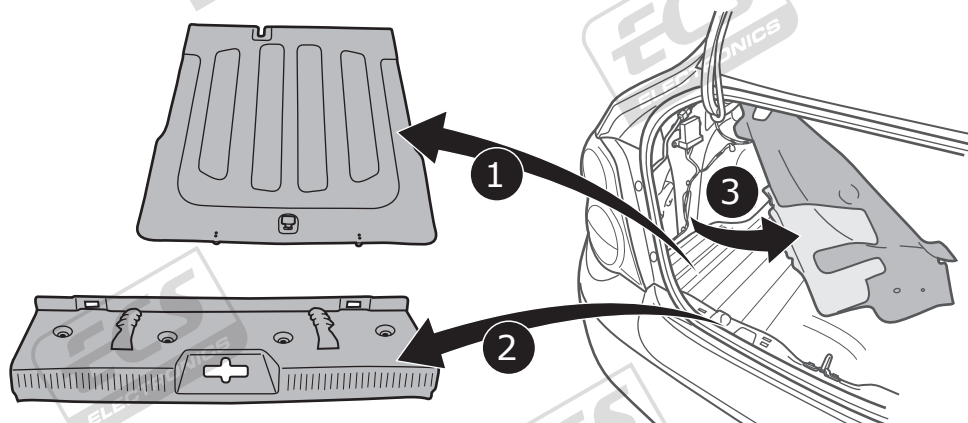


Aveo SD

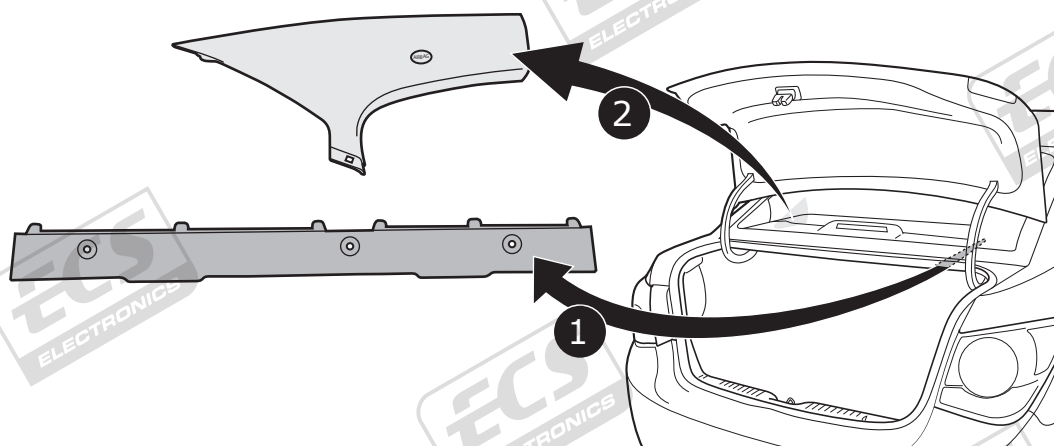
Pag. 21

Pag. 23

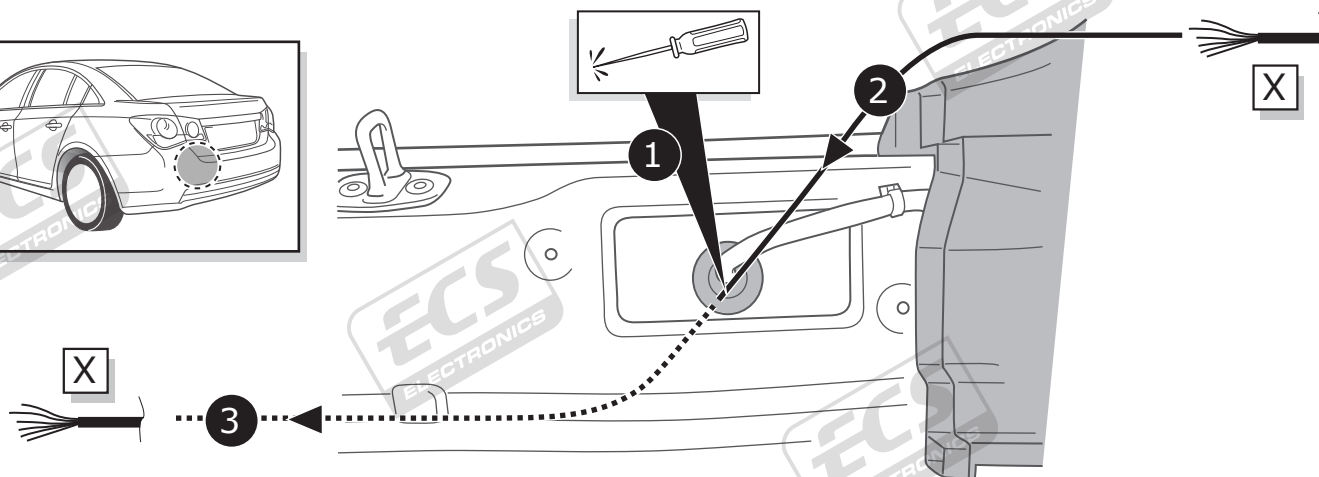
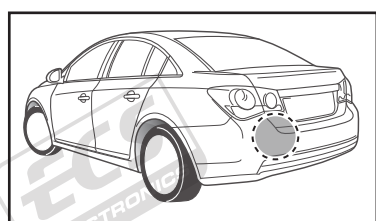
1



2



3



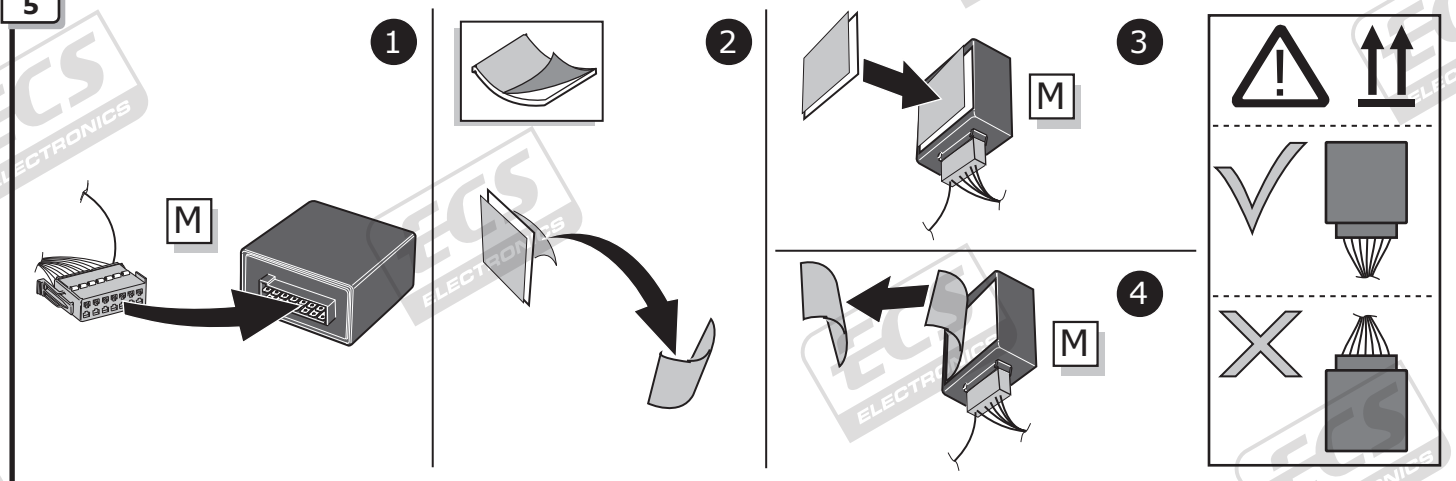


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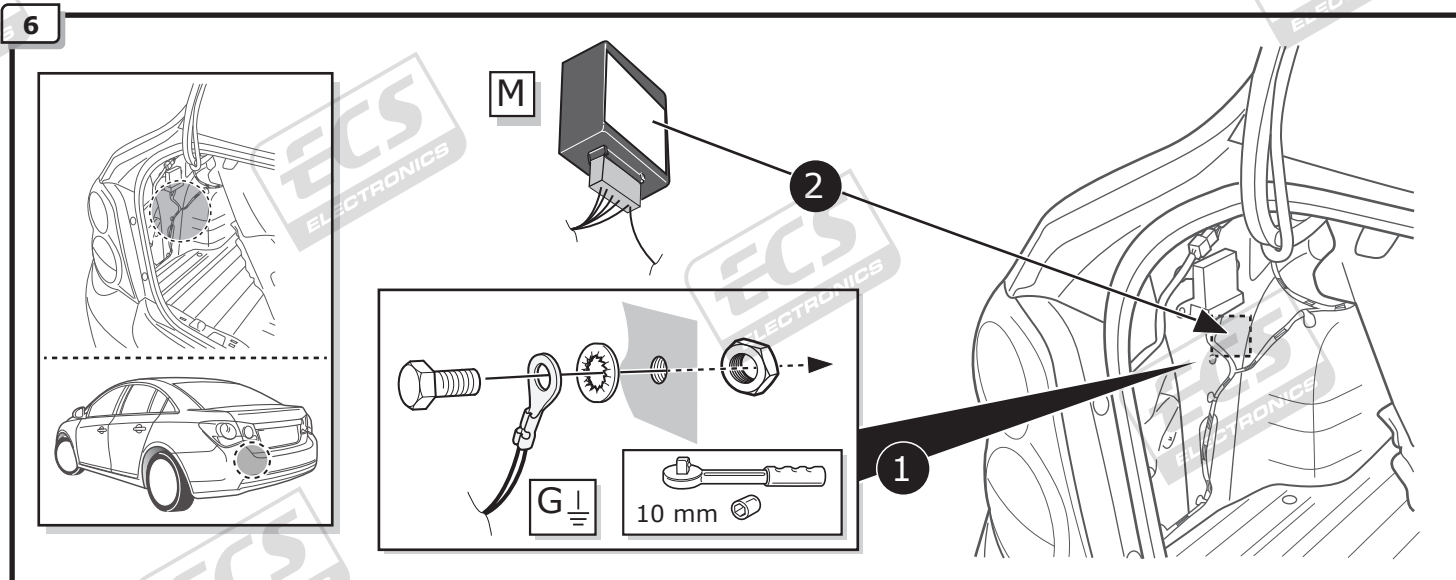


Pag. 34

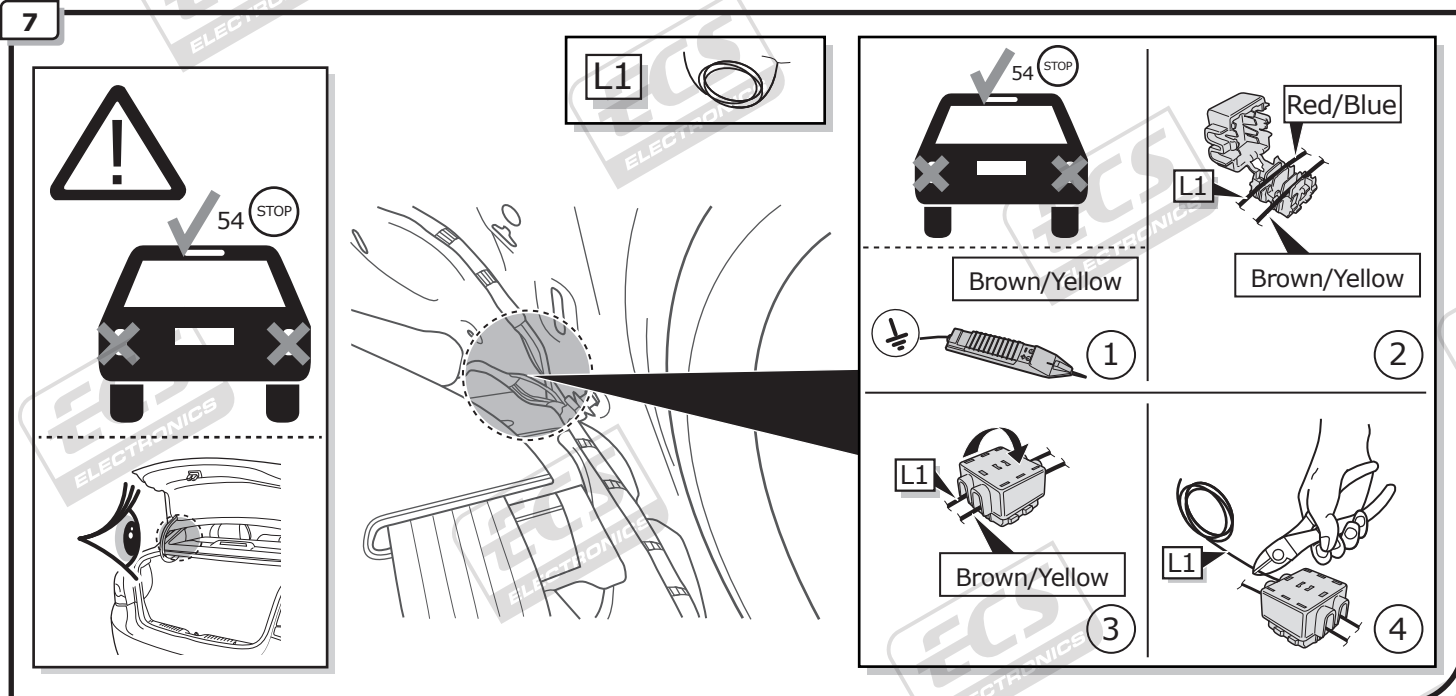
5



6

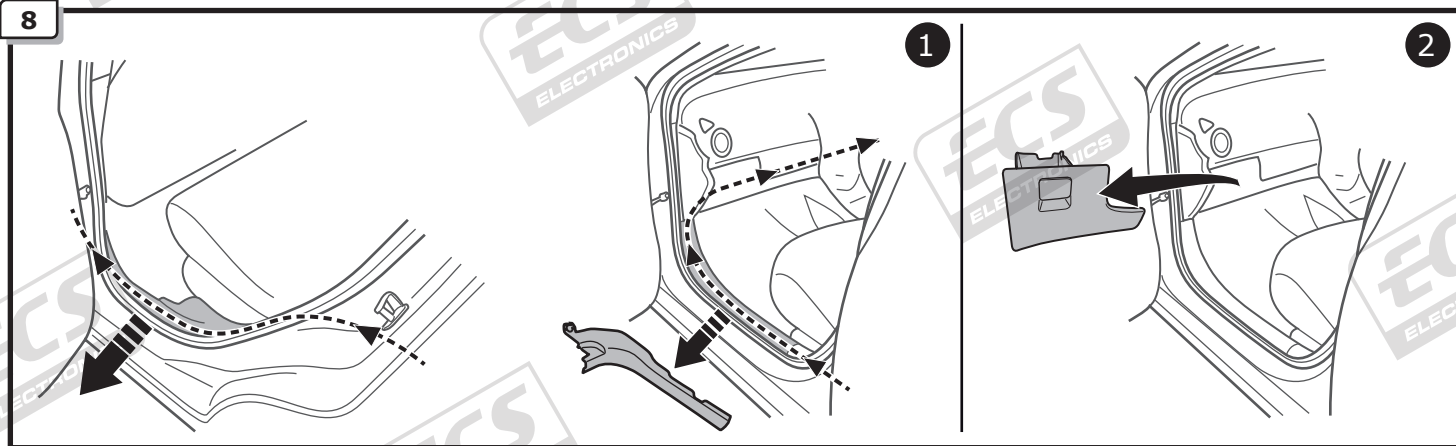


7

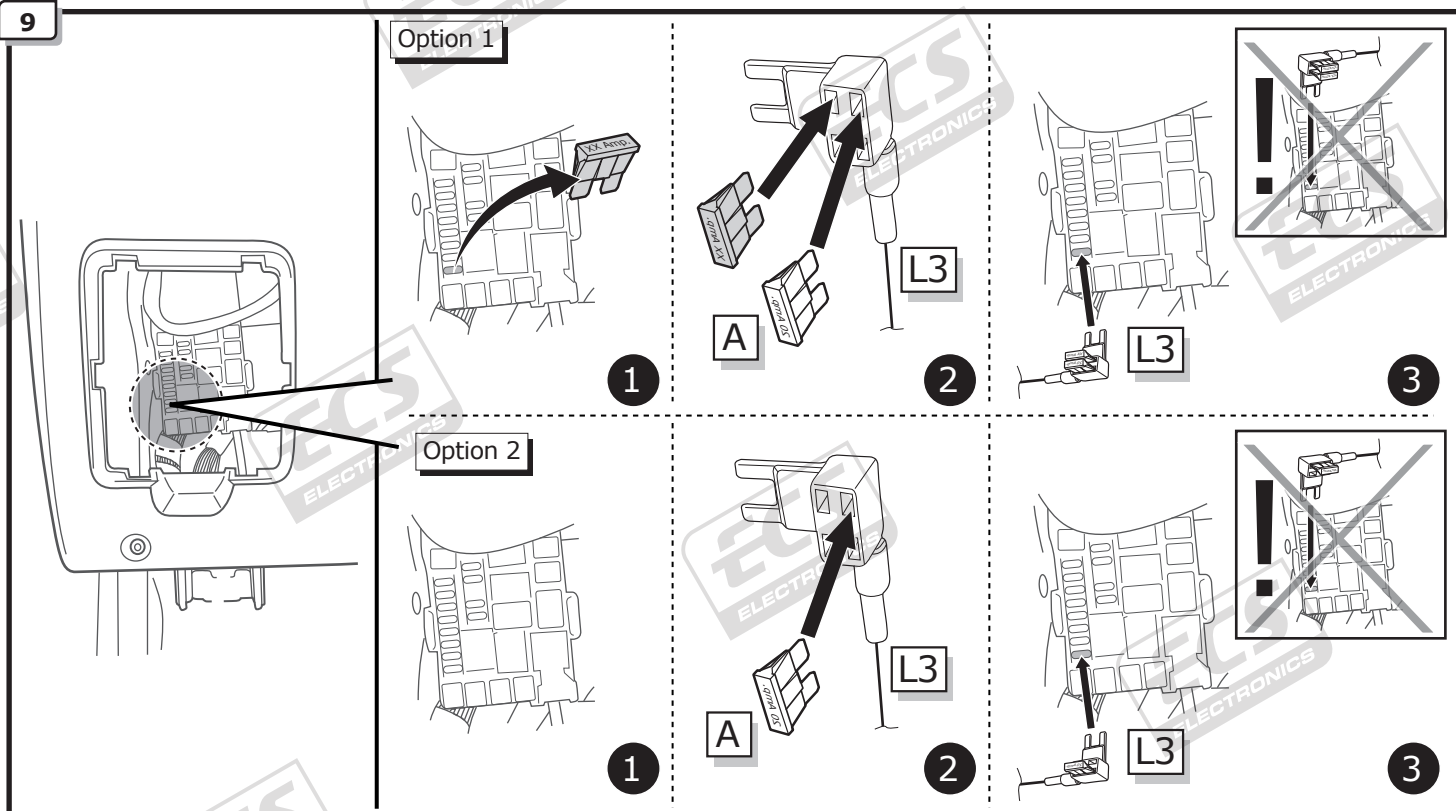




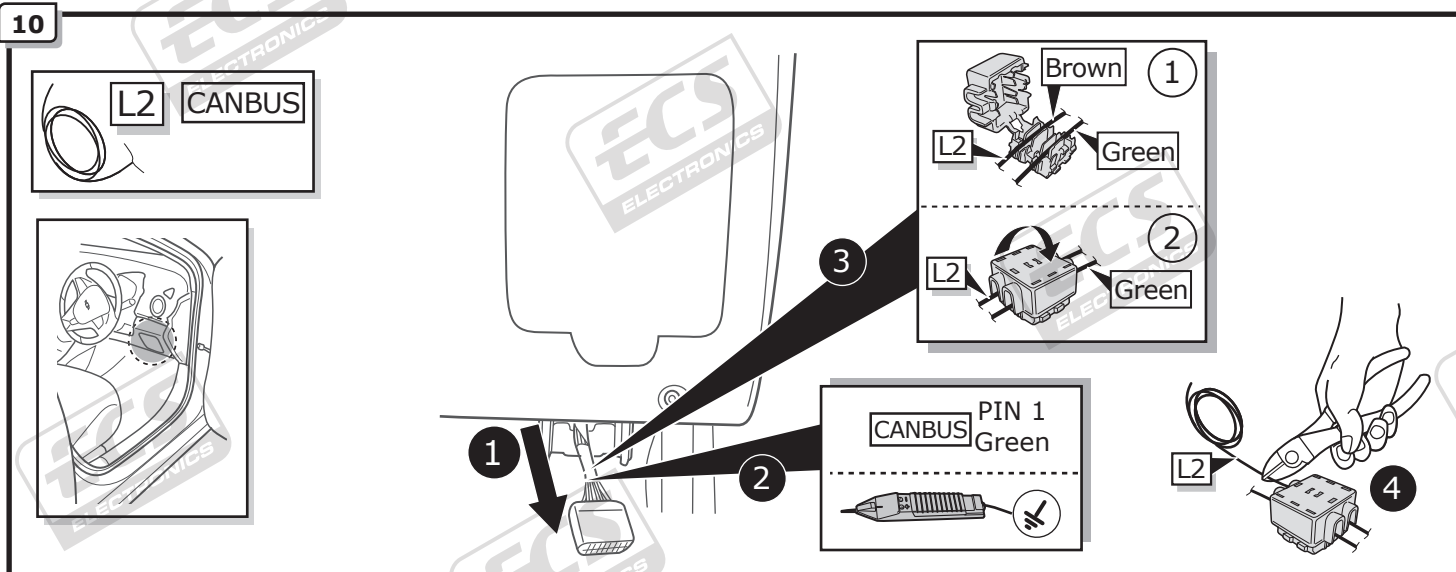
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9



10

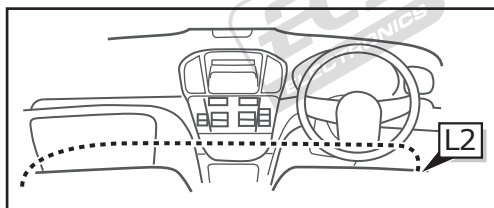
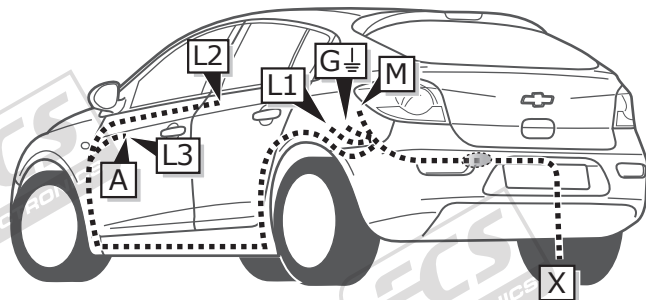


11



Pag. 35

INFO

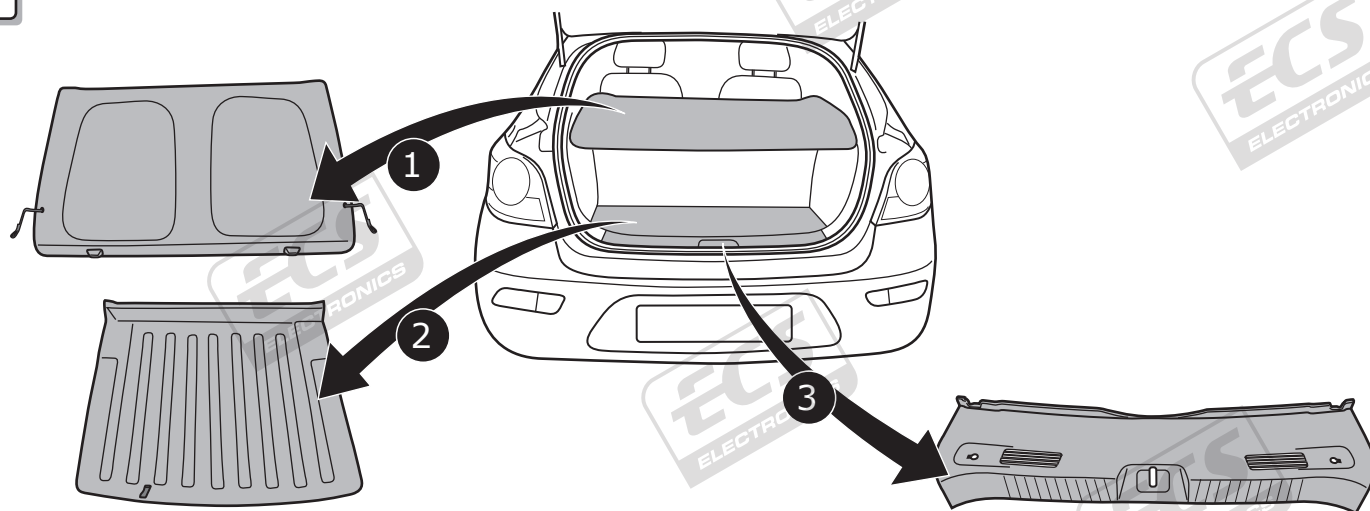


**Cruze HB**

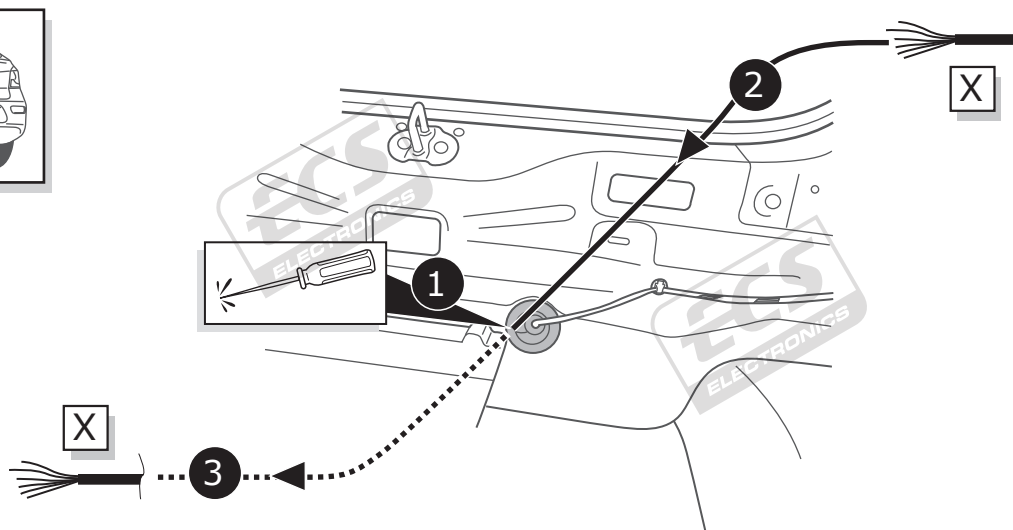
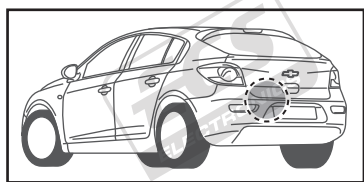
Pag. 24

-  
Pag. 26

1



2

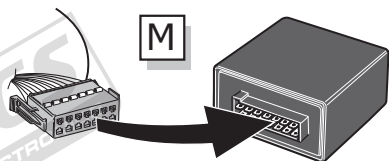


3

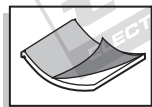


Pag. 34

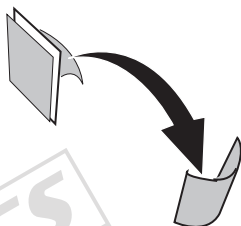
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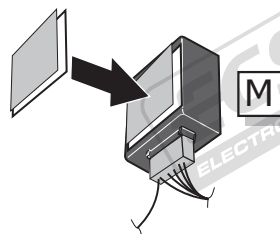
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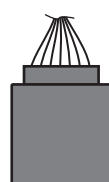
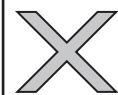
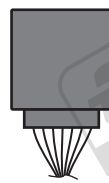
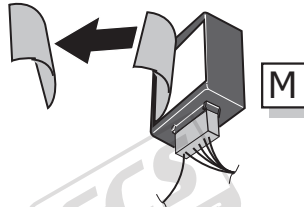
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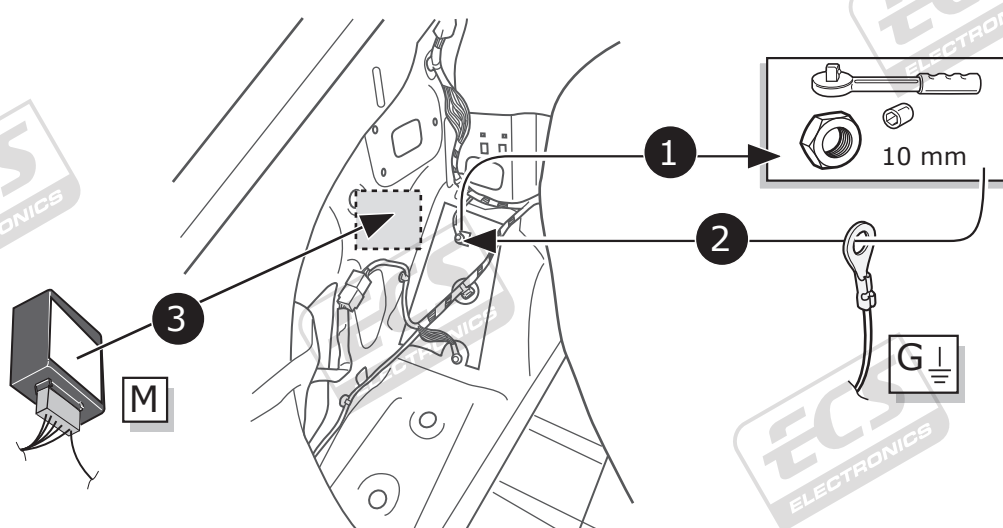
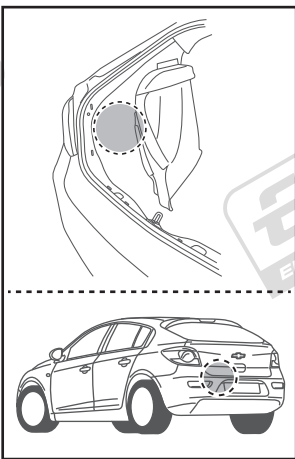
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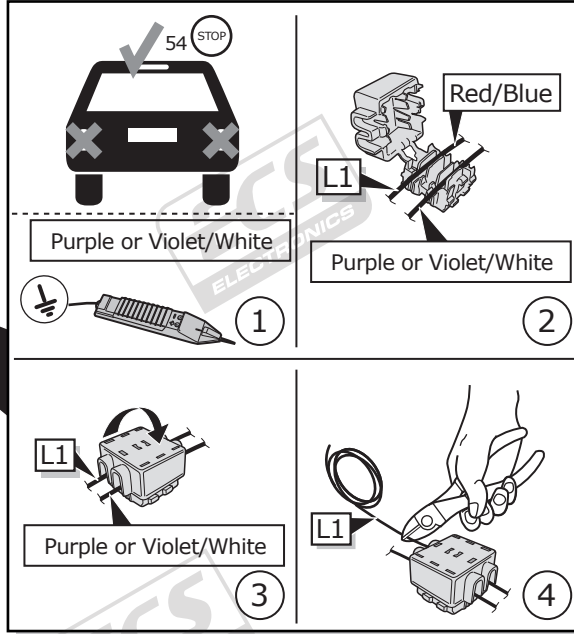
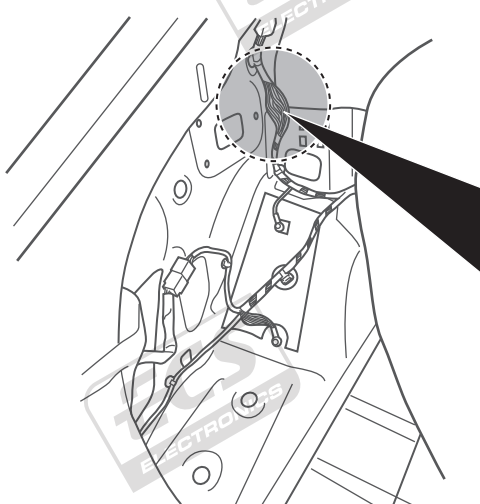
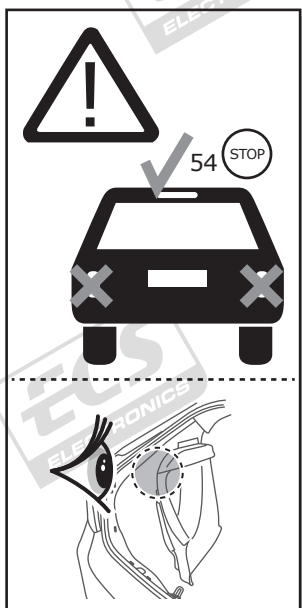
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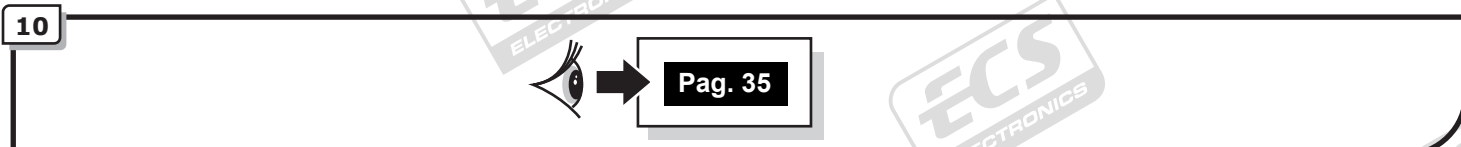
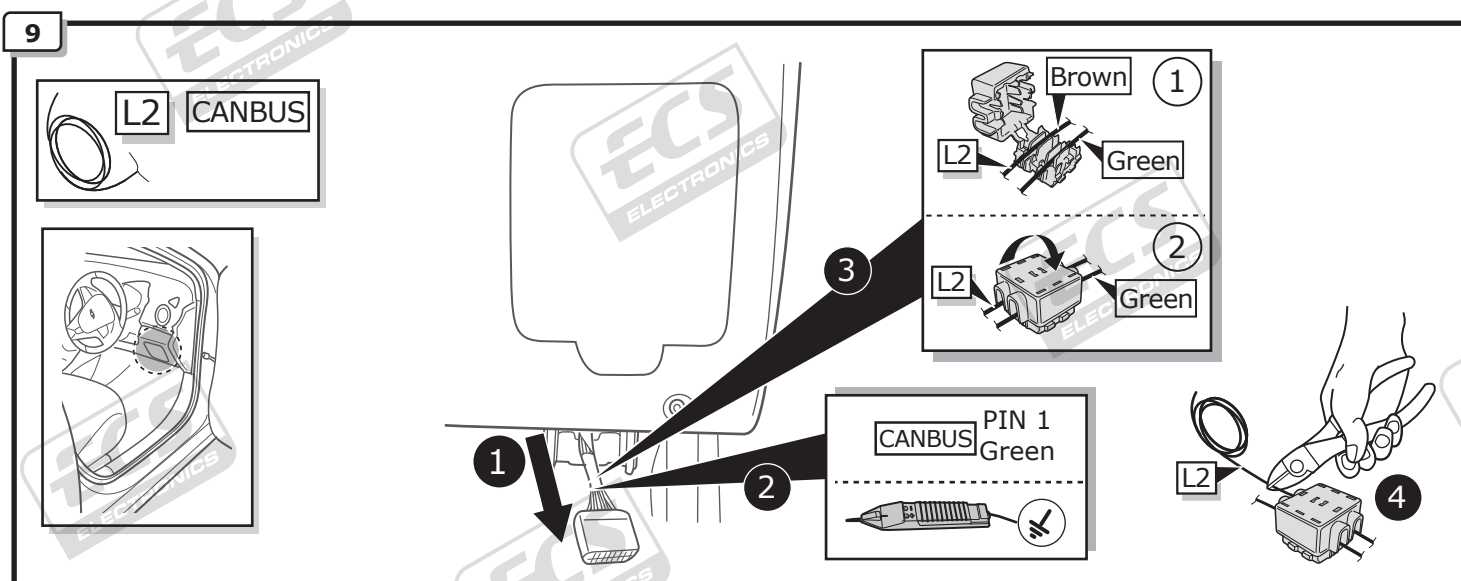
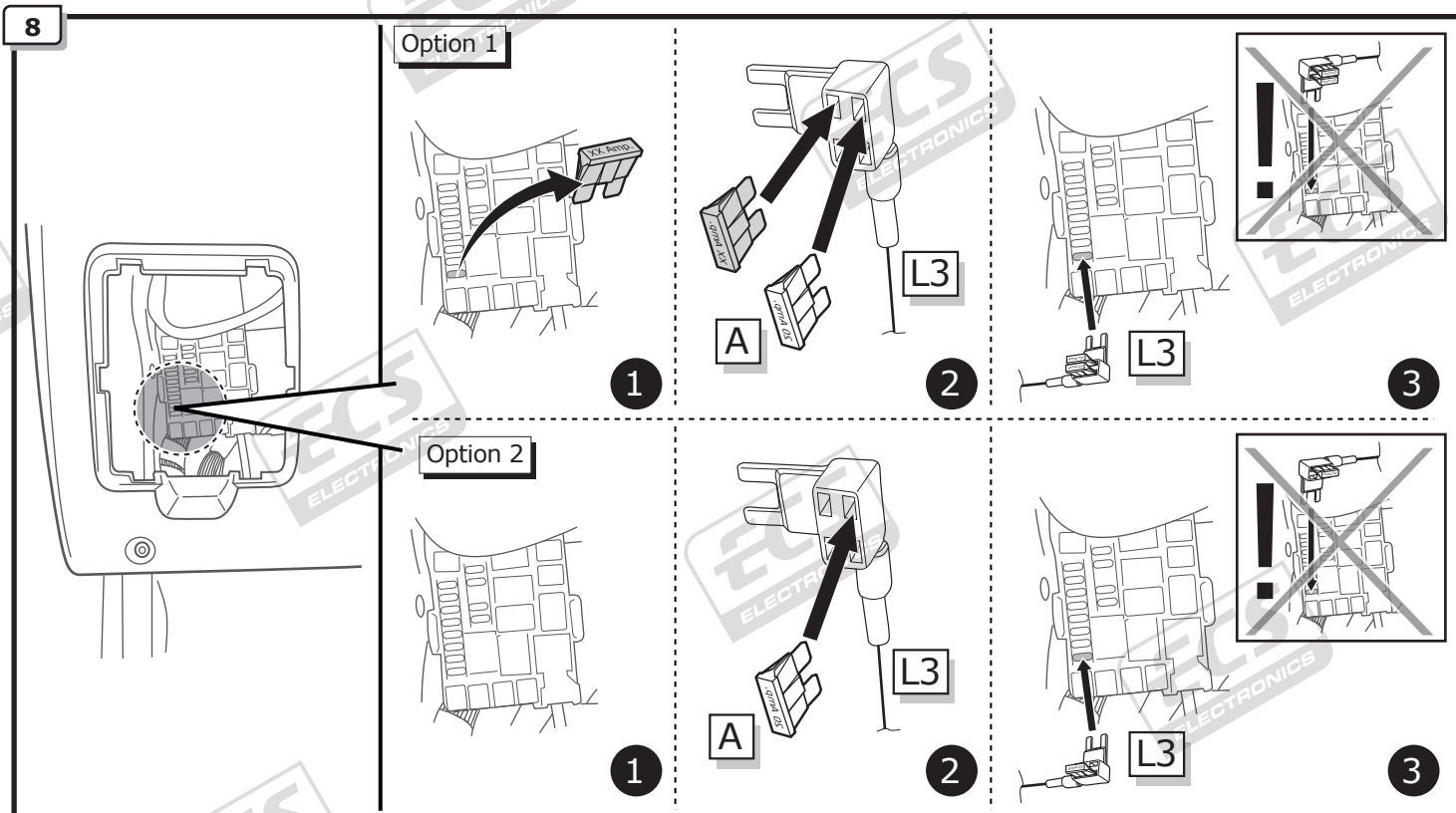
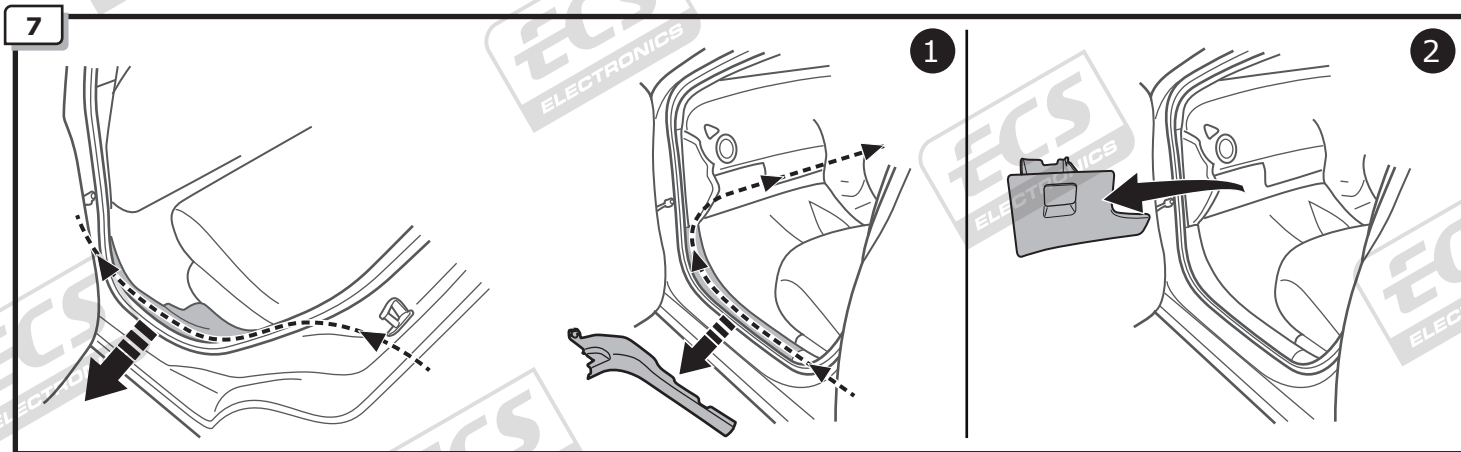


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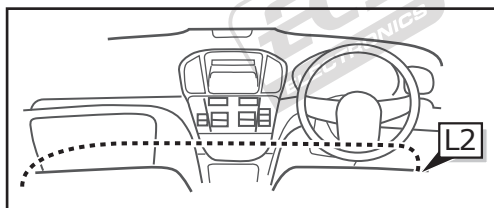
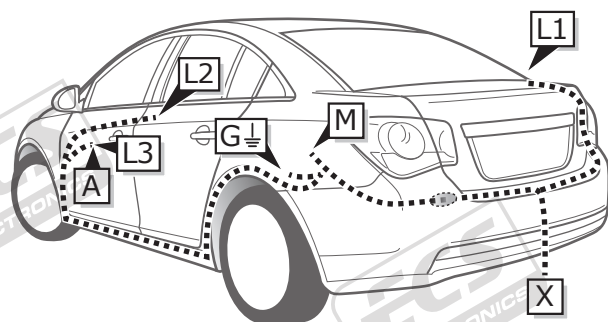
6







INFO

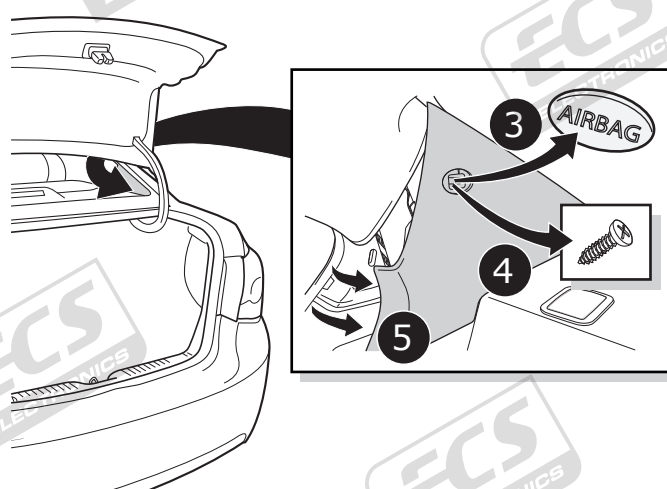
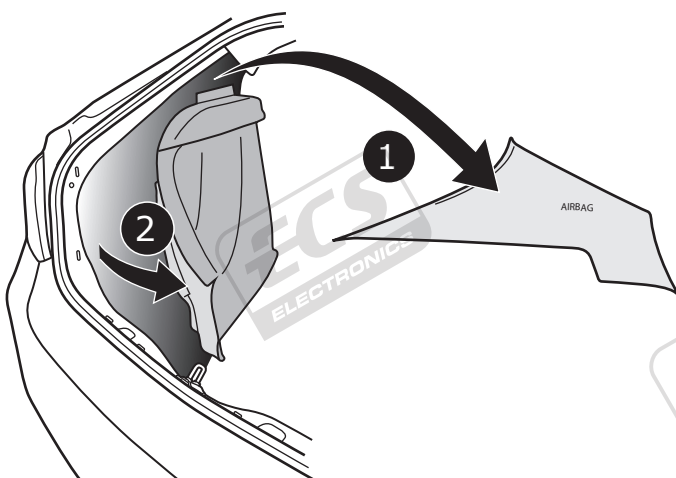


**Cruze NB**

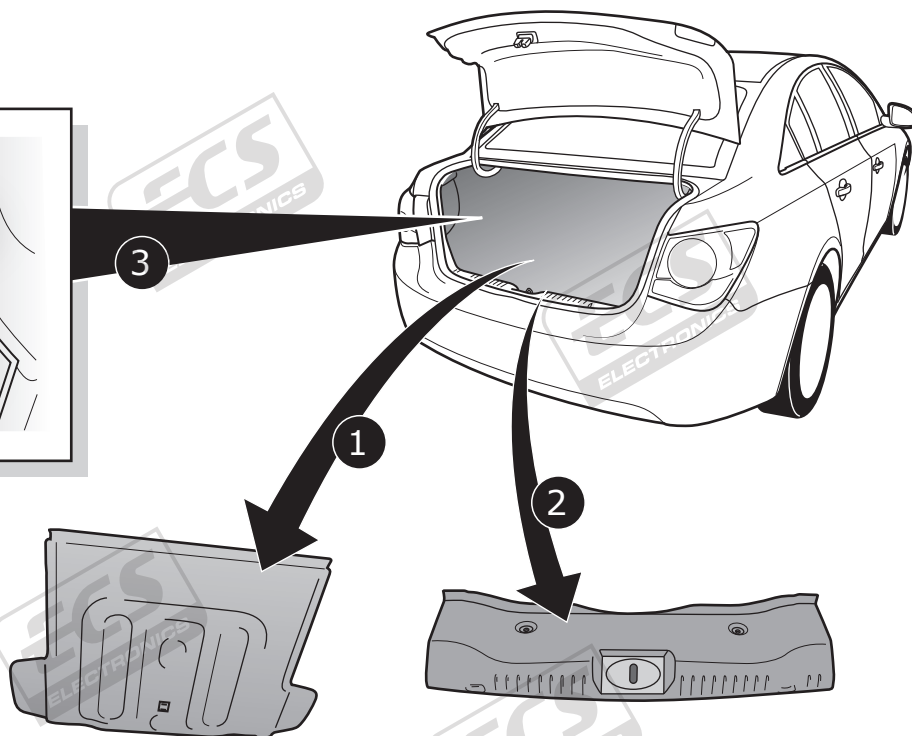
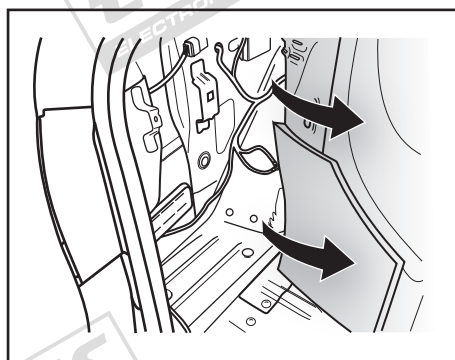
Pag. 27

Pag. 30

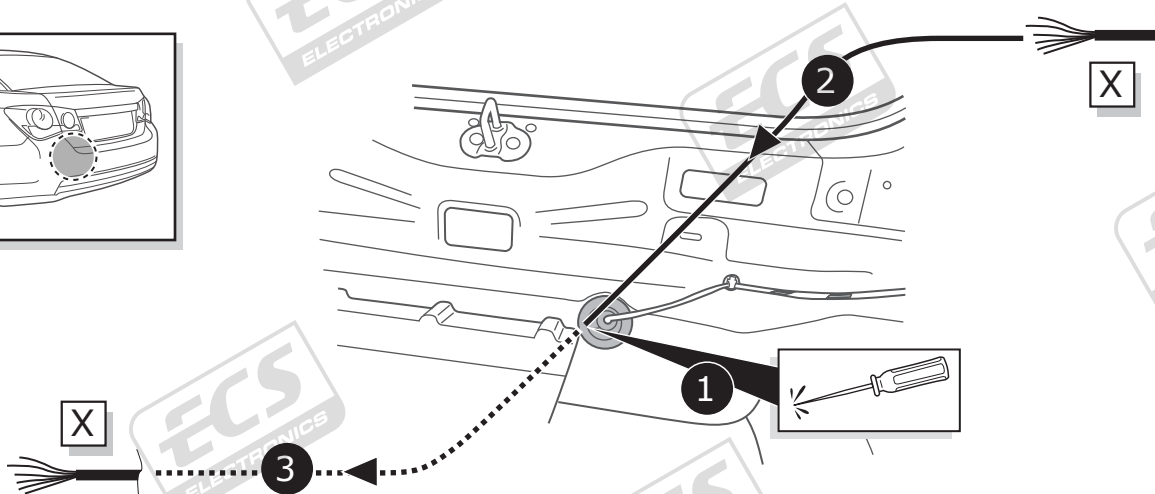
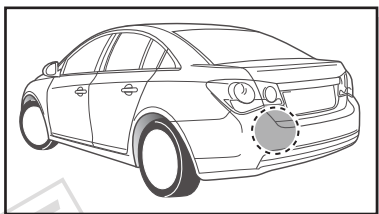
1



2



3

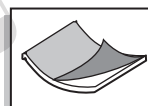
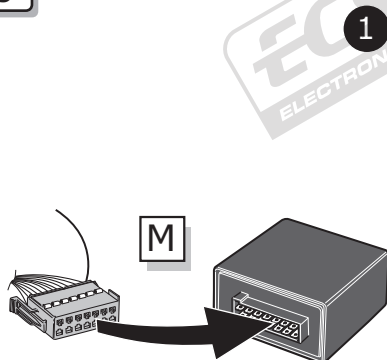


4

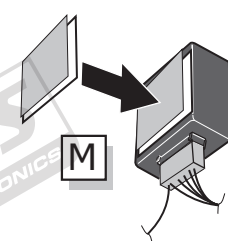


Pag. 34

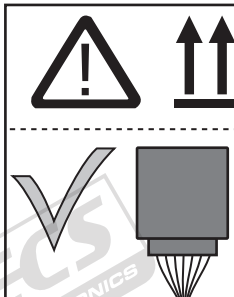
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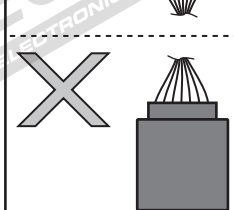
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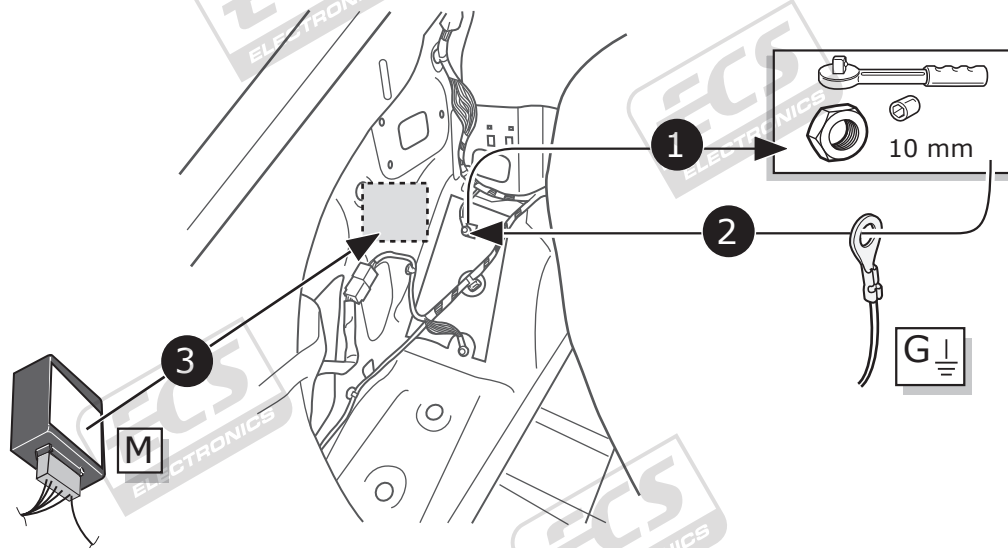
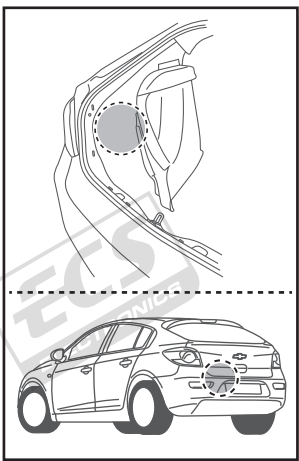
3



4

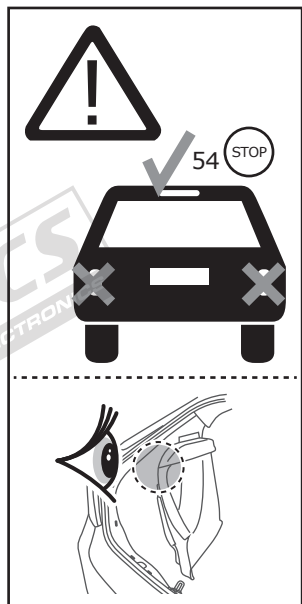


6

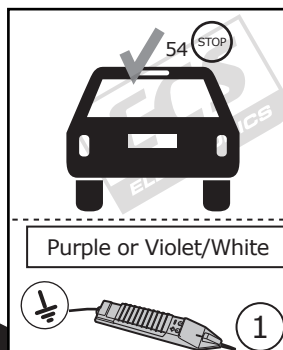
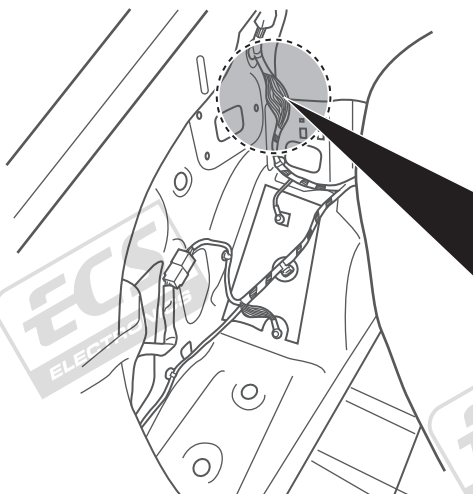




7



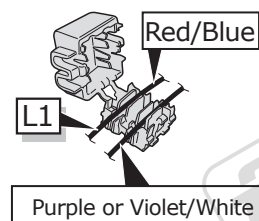
L1



Purple or Violet/White



1

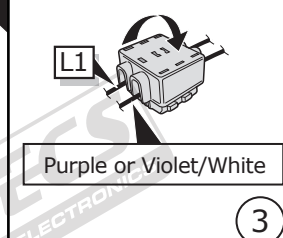


Red/Blue

L1

Purple or Violet/White

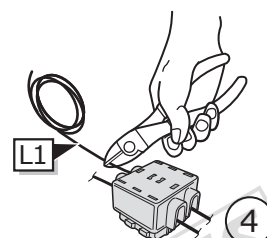
2



L1

Purple or Violet/White

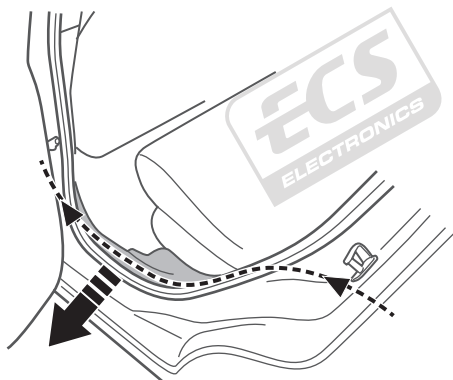
3



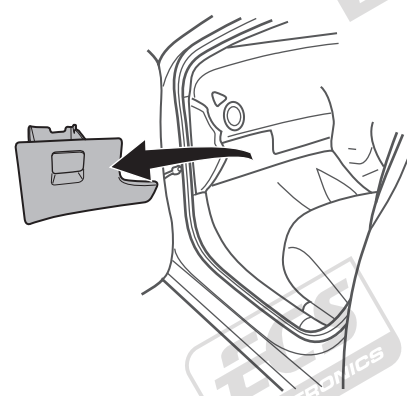
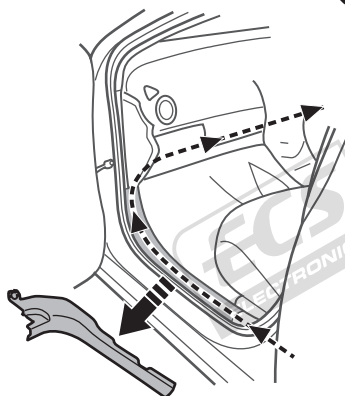
L1

4

8

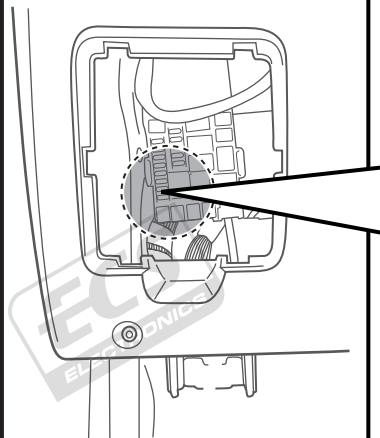


1

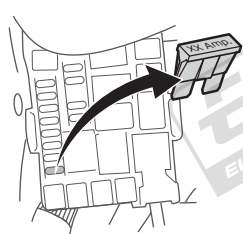


2

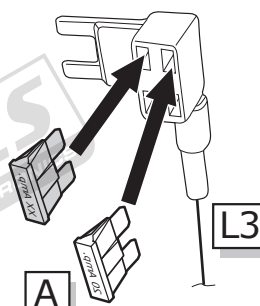
9



Option 1



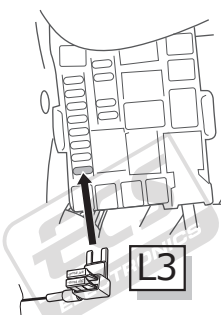
1



A

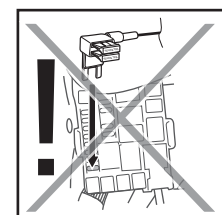
L3

2

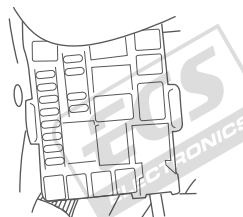


L3

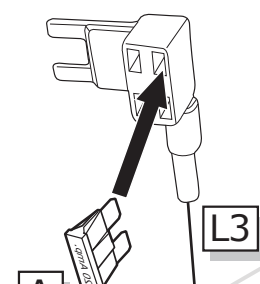
3



Option 2



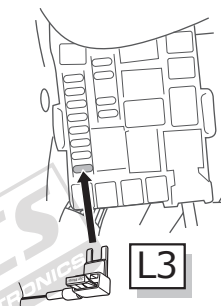
1



A

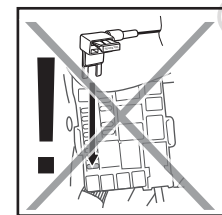
L3

2

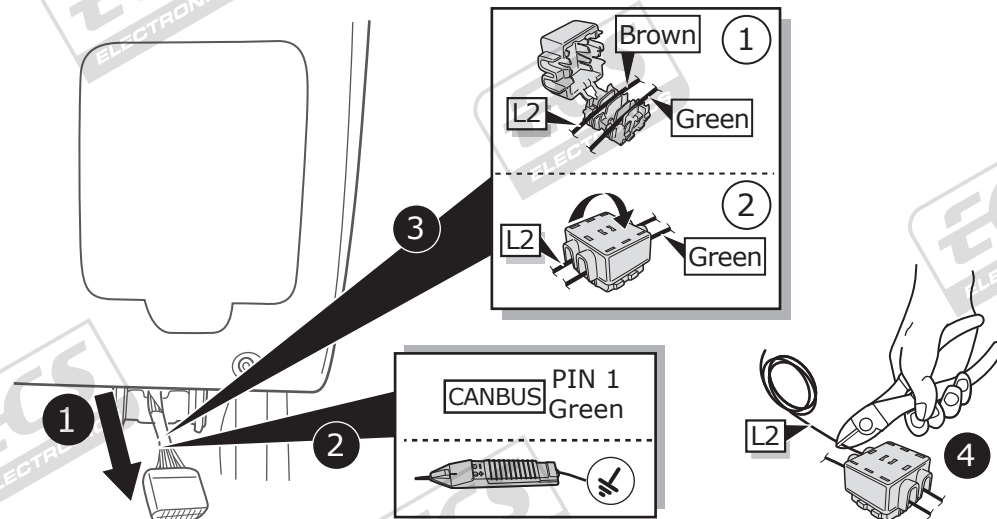
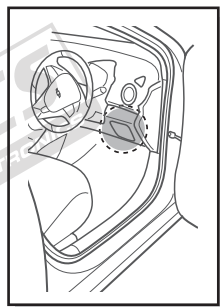
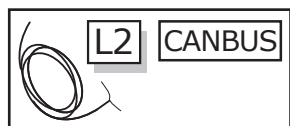


L3

3



10



11

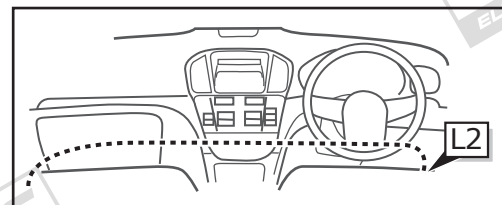
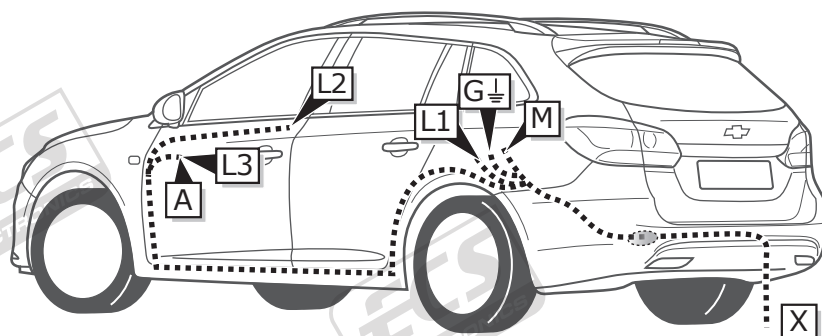


## INFO

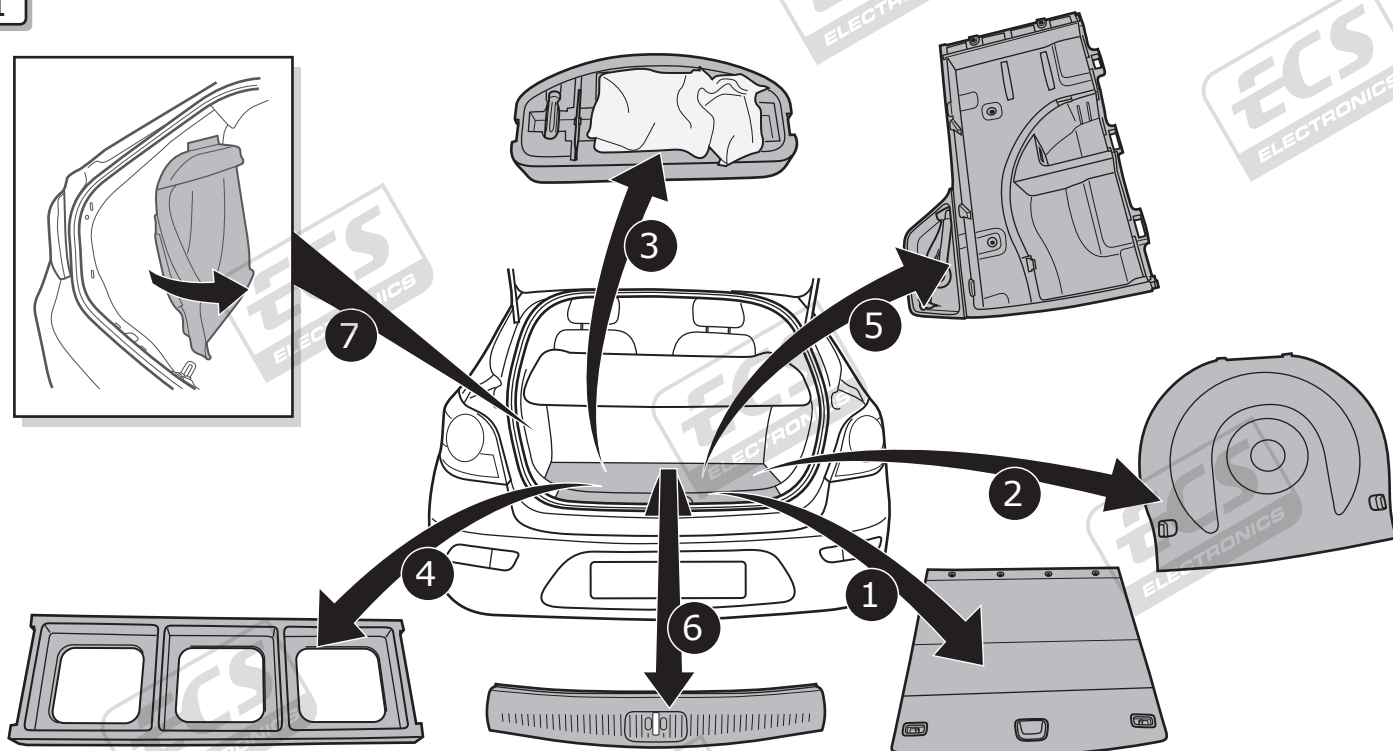
## Cruze SW

Pag. 31

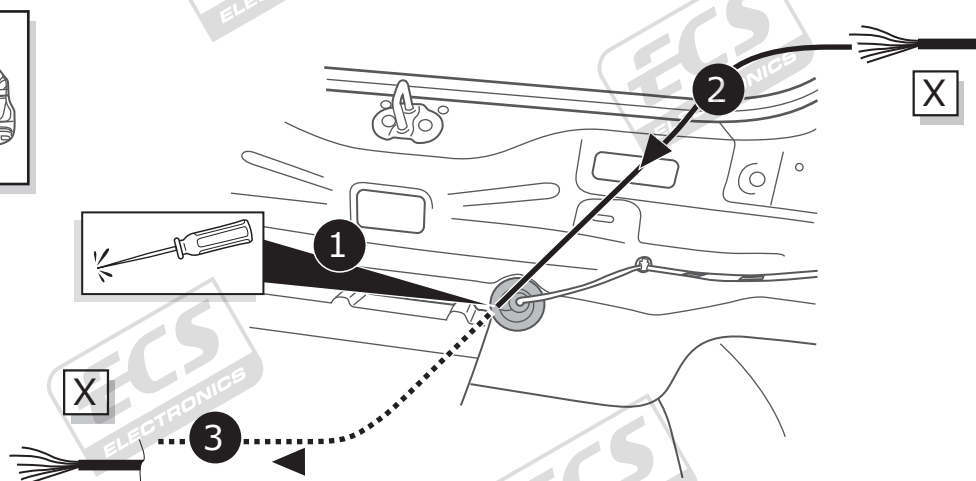
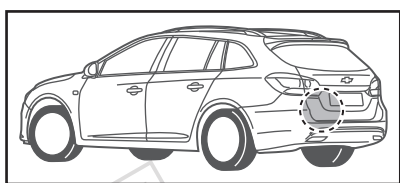
Pag. 33



1



2



3



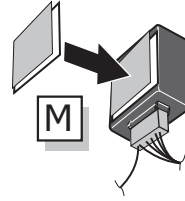
Pag. 34

4

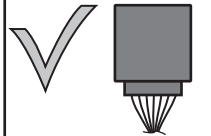
1



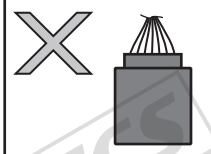
2



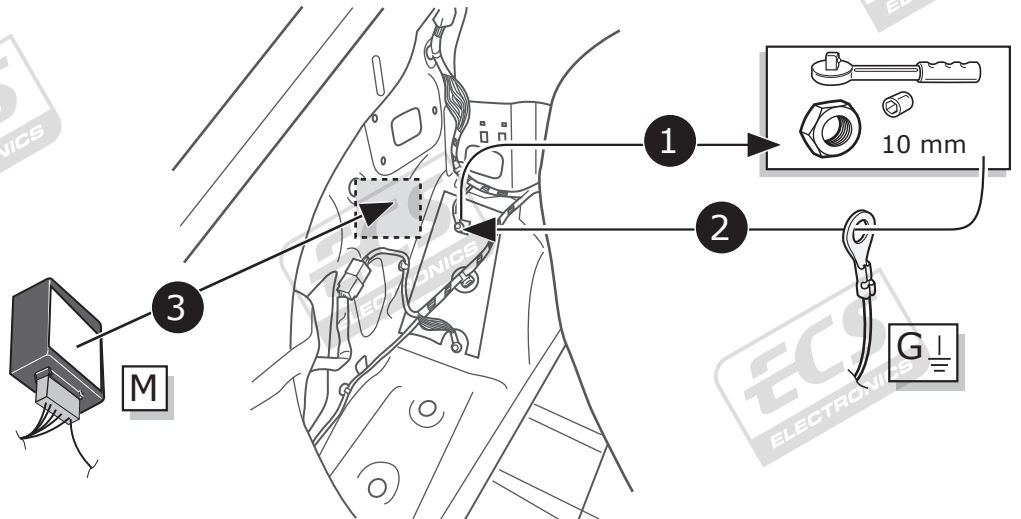
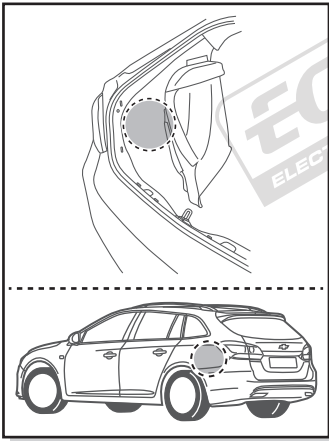
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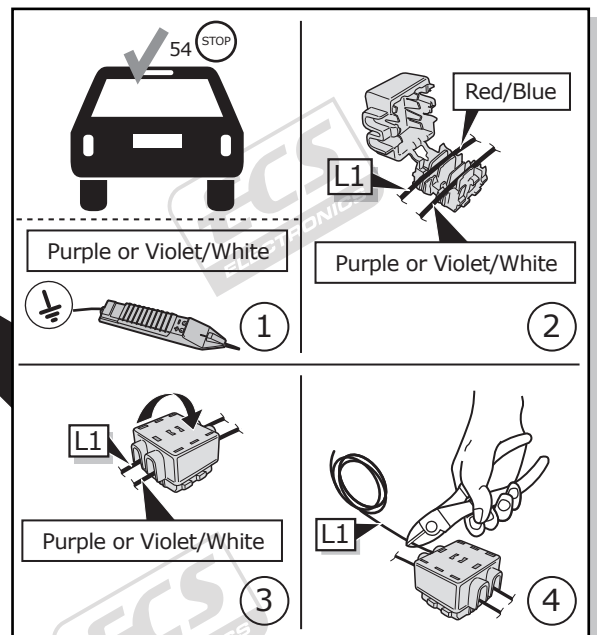
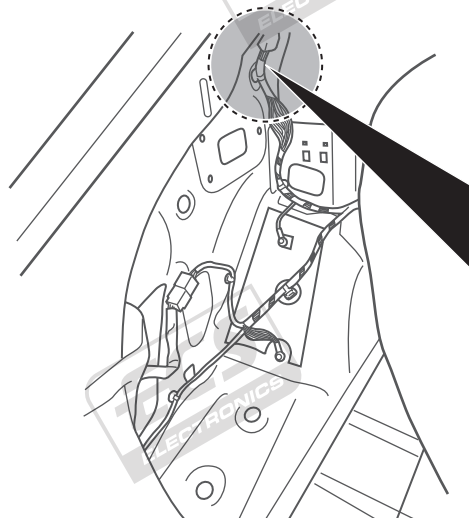
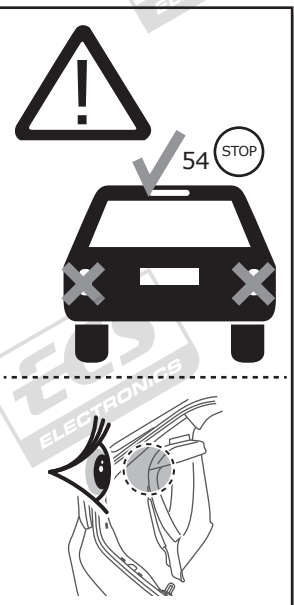
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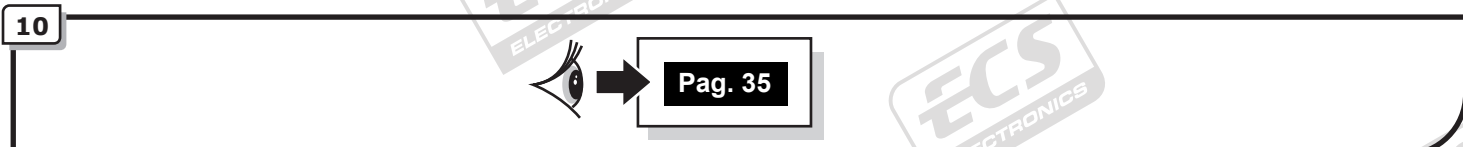
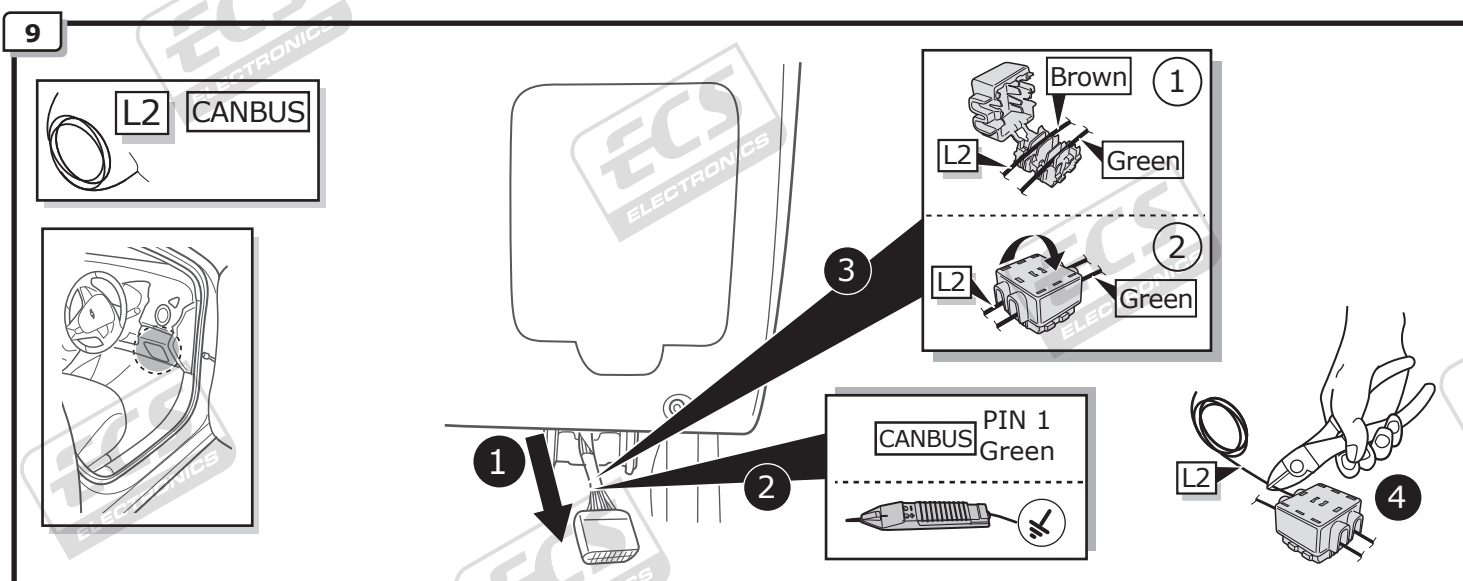
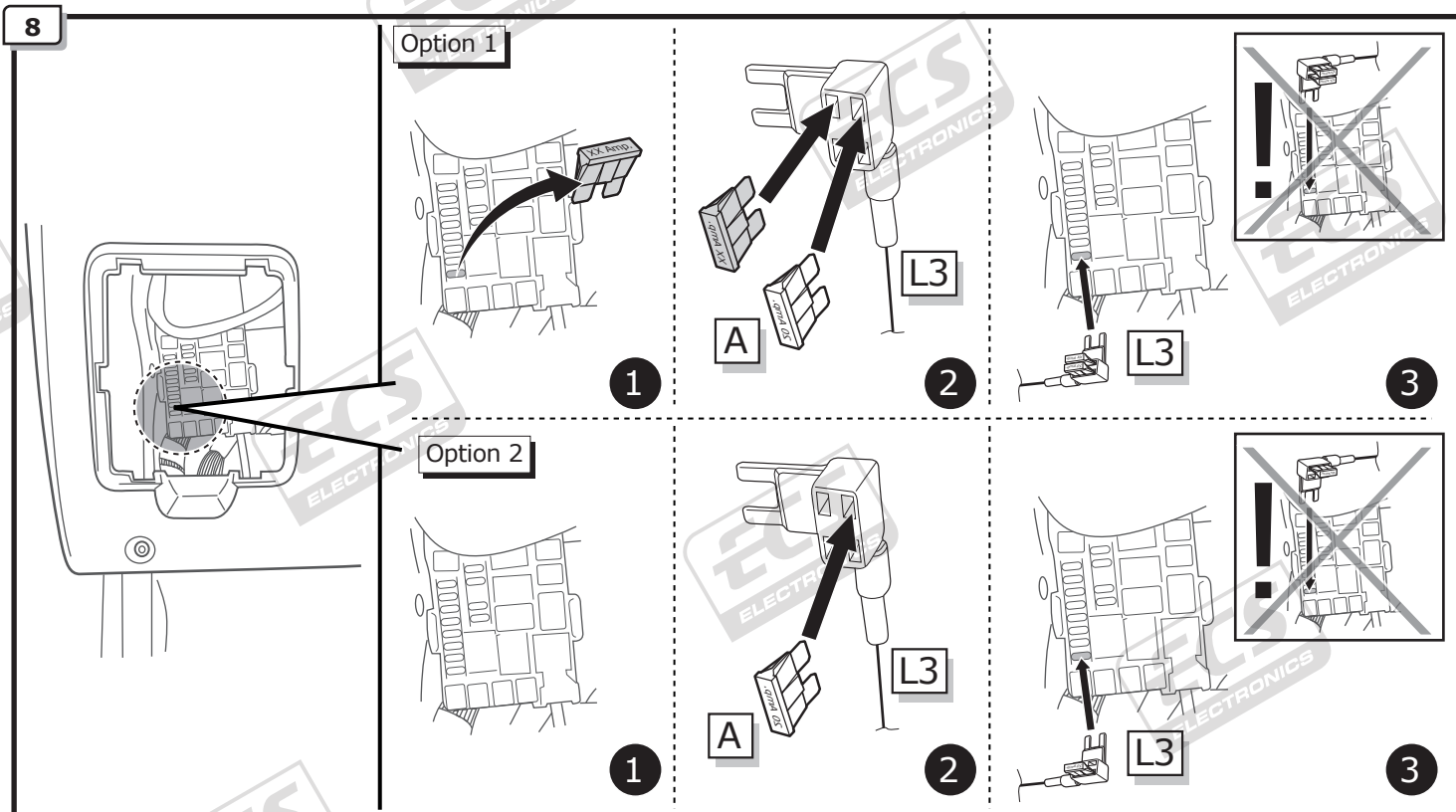
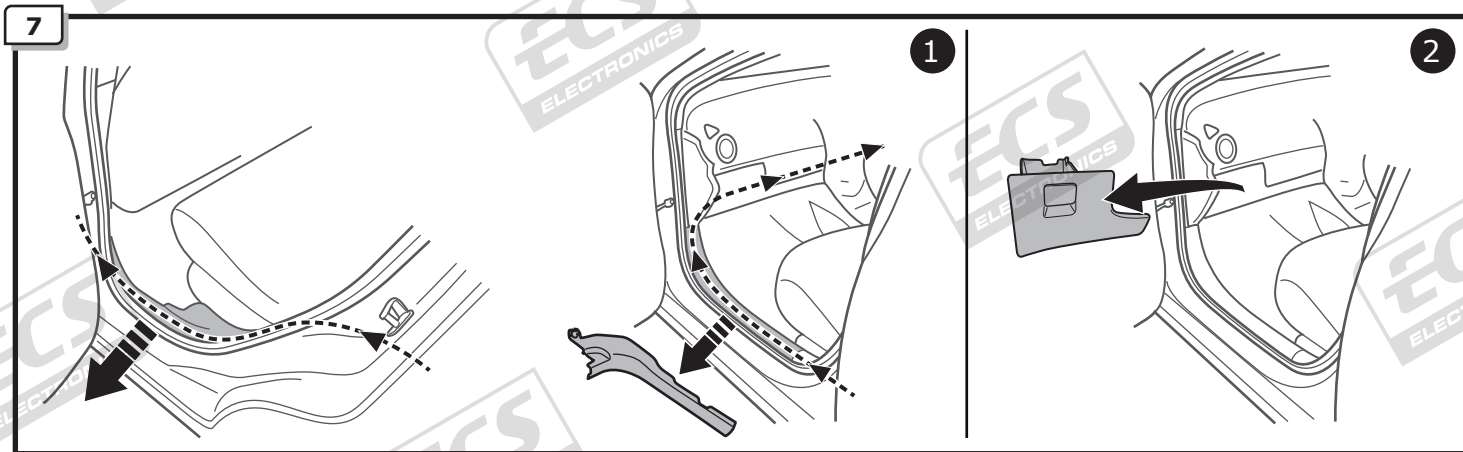


5



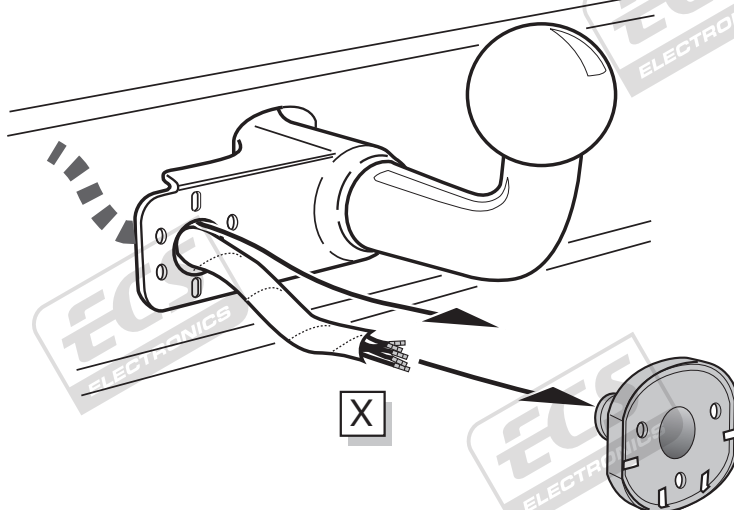
6







A

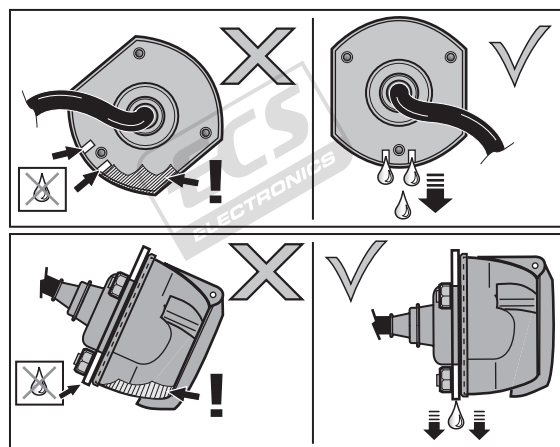
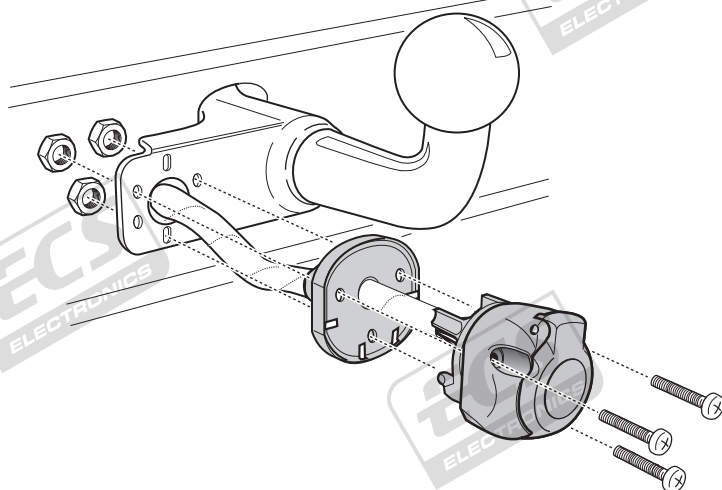


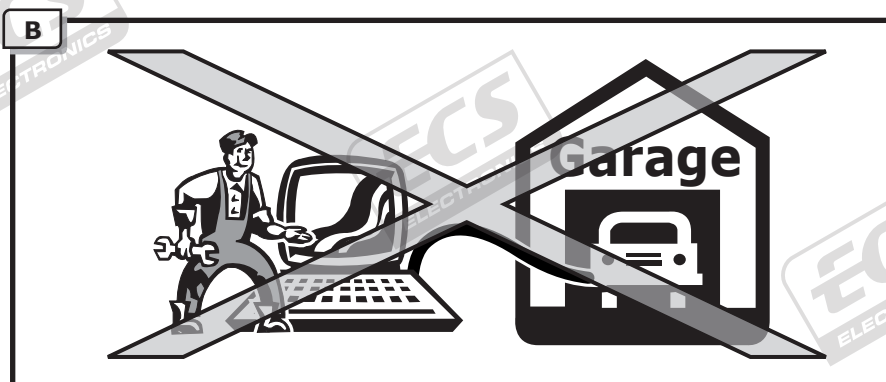
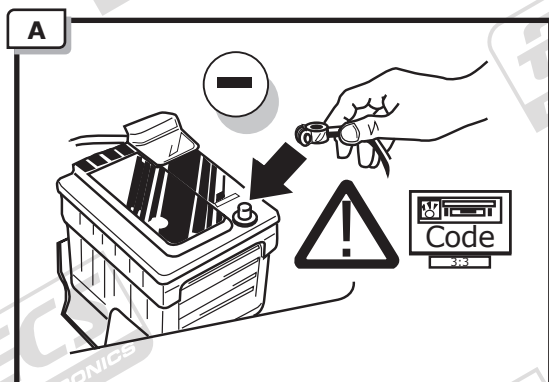
## INFO

SOCKET CONNECTION 

Pag. 36

B





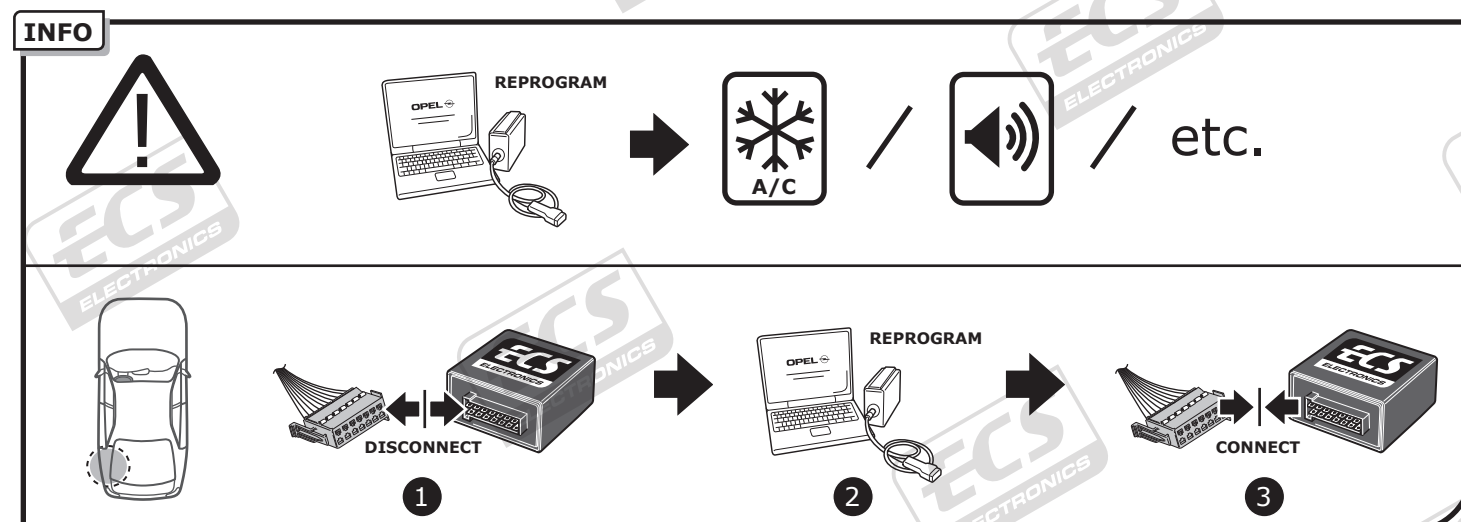
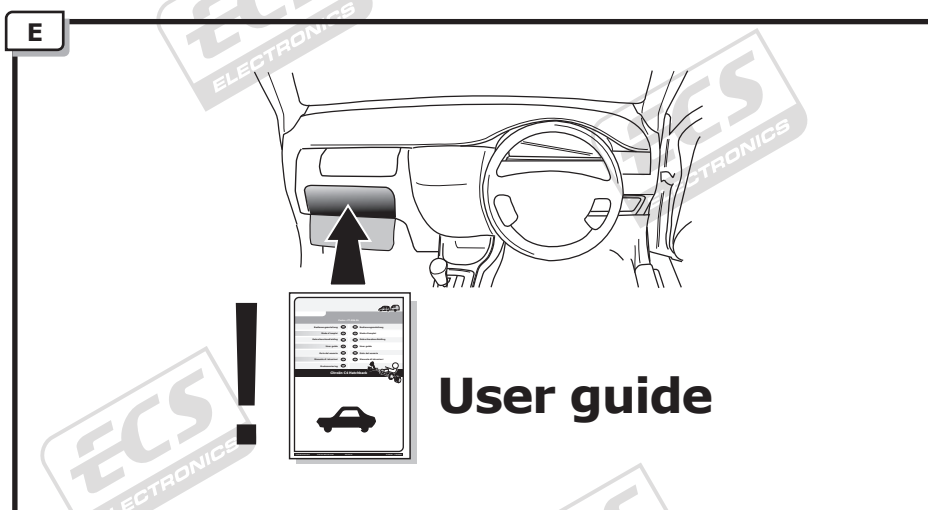
**C**

**!**

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

**D**

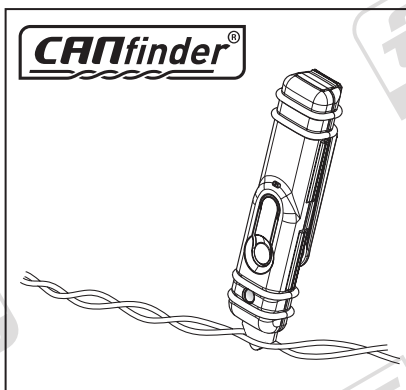
REINSTALL TRIM.



# INFO



## Products & Service





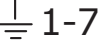




[http://www.ecs-electronics.nl/NL/catalogus/test\\_gereedschap](http://www.ecs-electronics.nl/NL/catalogus/test_gereedschap)

## LIGHT MATE



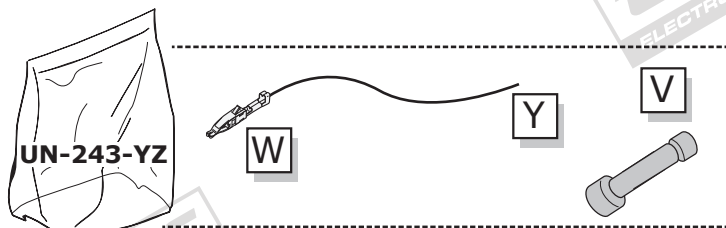
# INFO

## SOCKET CONNECTION

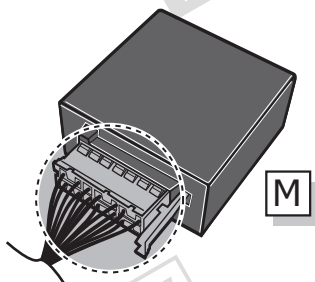
DIN/ISO 1724			 1-7				
	1/L	2	3/31	4/R	5/58-R	6/54	7/58-L
Pmax	21W	21W		21W	42W	3x21W	42W
Colour	Yellow	Blue	White	Green	Brown	Red	Black

# UN-243-YZ Reverse lamp pre-wire extension

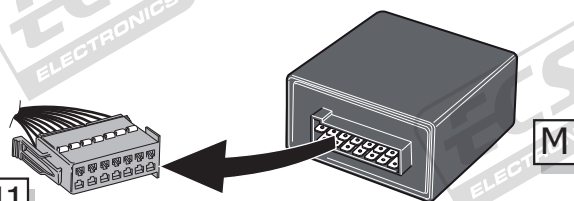
⚠ MAX = 21W



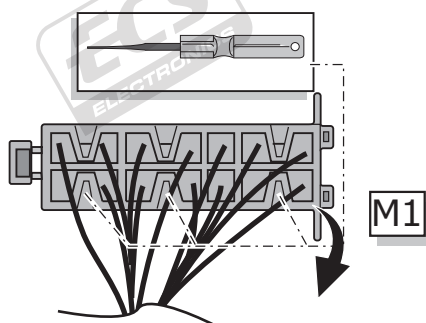
A



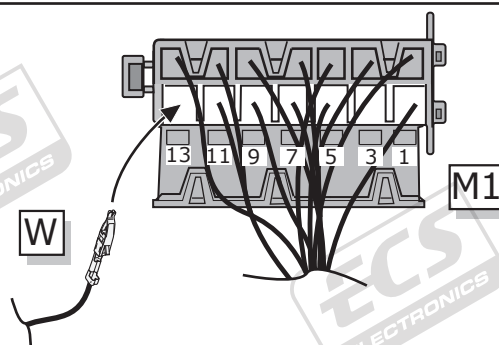
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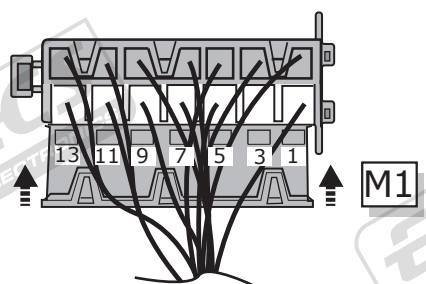
2



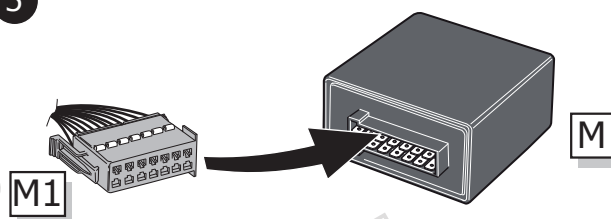
3



4



5



B

⚠ MAX = 21W

