

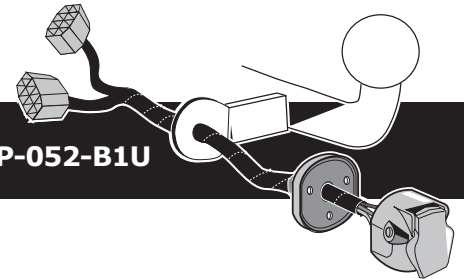


OPEL

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-

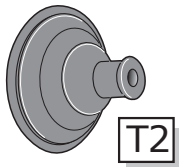
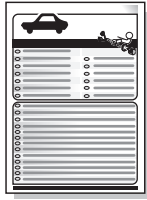
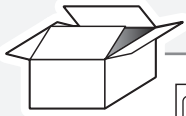


Partnr.: OP-052-B1U

- 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 / 07440 202 052.



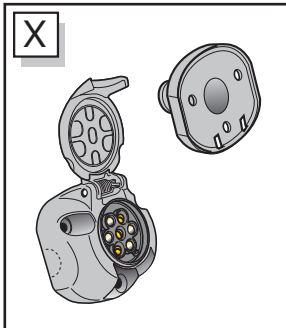
Part list



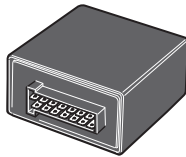
T2



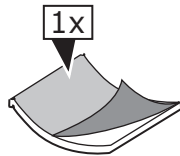
T1



X



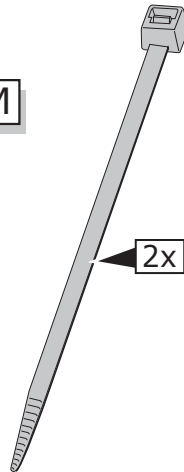
M



1x





G

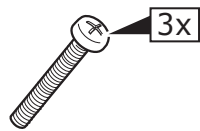


2x

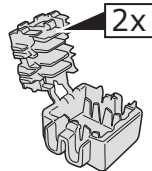
UN-243-YZ
 Optional reverse lamp
 pre-wire extension included

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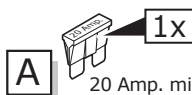
3x



2x

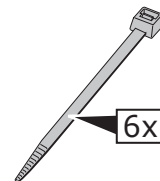


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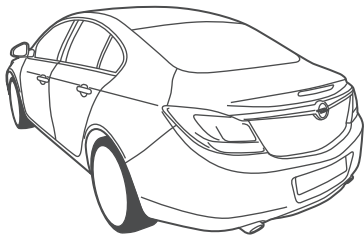


A

20 Amp. minifuse

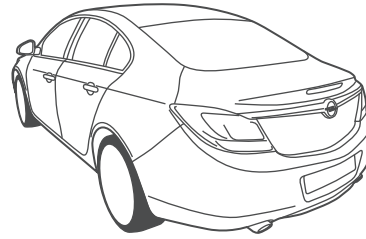


6x



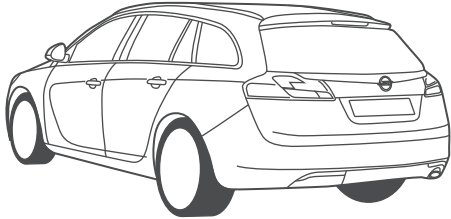
Insignia SD

Pag. 4
-
Pag. 8



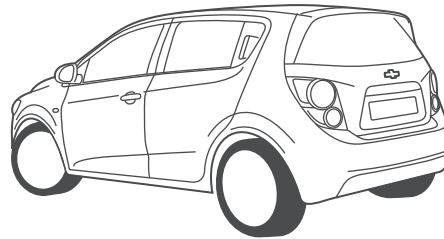
Insignia HB

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-
Pag. 12



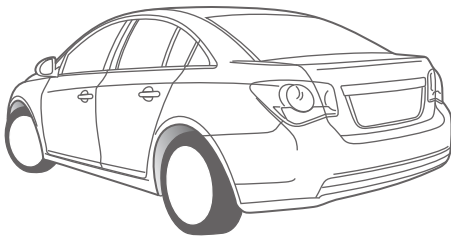
Insignia ST

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-
Pag. 17



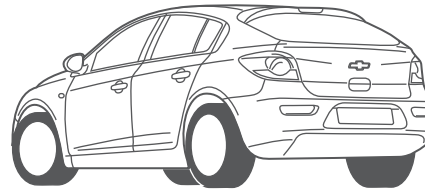
Aveo HB

Pag. 18
-
Pag. 20



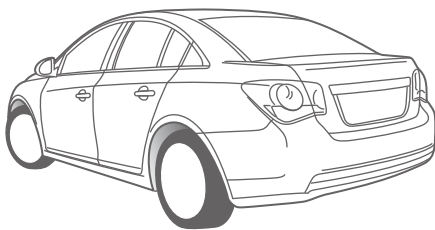
Aveo SD

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-
Pag. 23



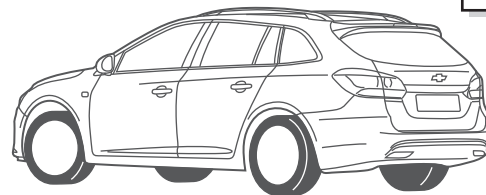
Cruze HB

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-
Pag. 26



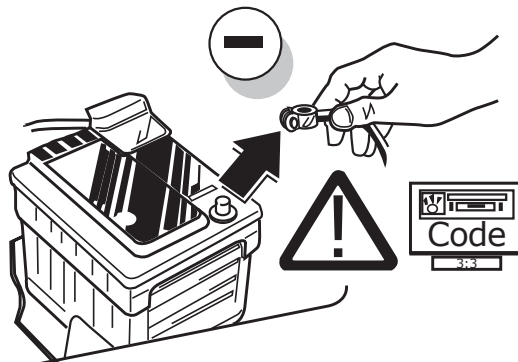
Cruze NB

Pag. 27
-
Pag. 30

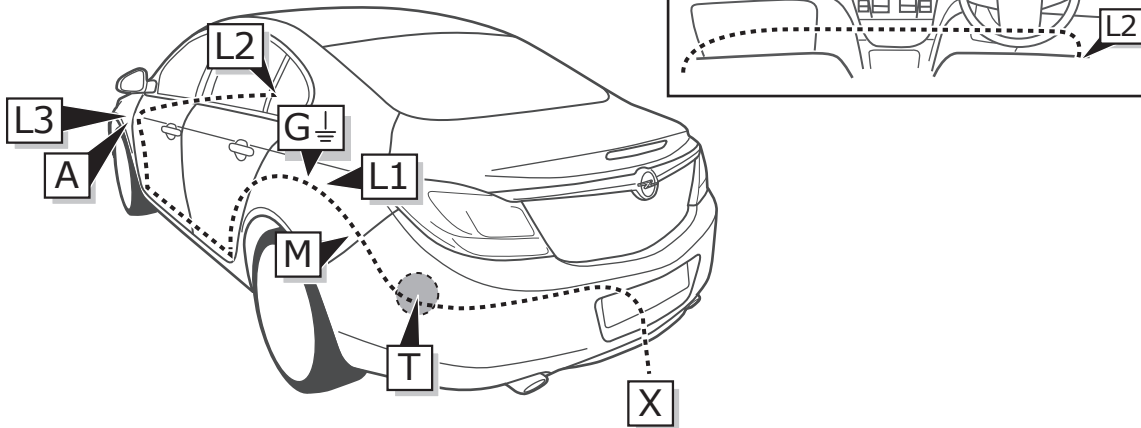


Cruze SW

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-
Pag. 33



INFO



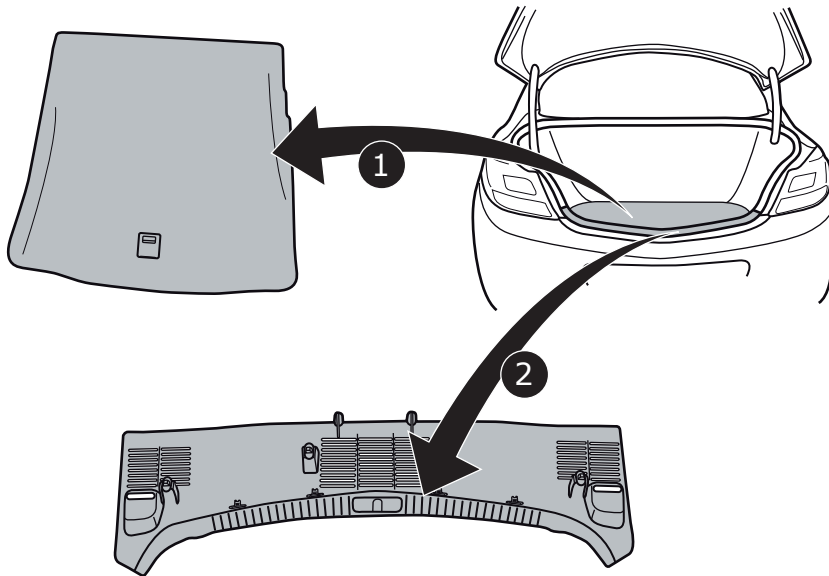
Insignia SD

Pag. 4

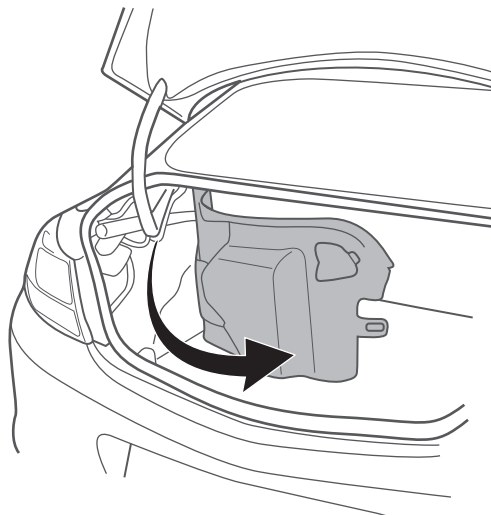
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Pag. 8

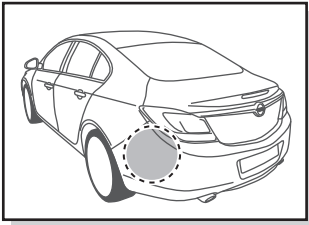
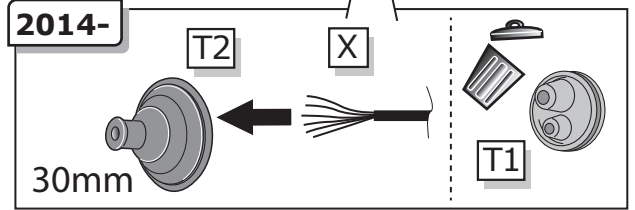
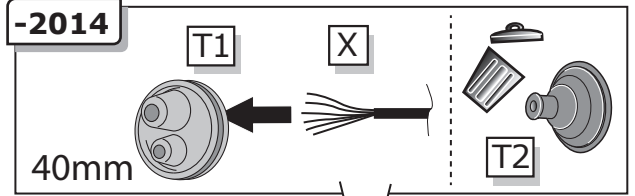
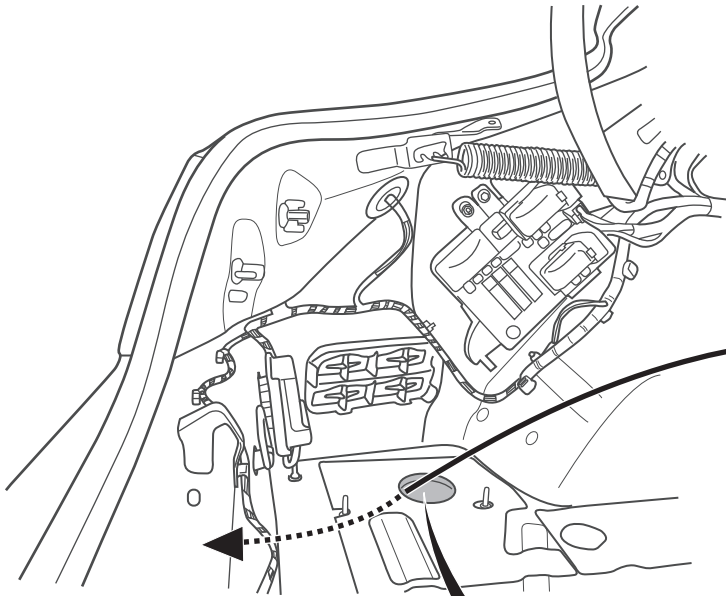
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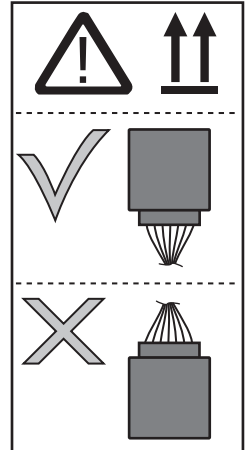
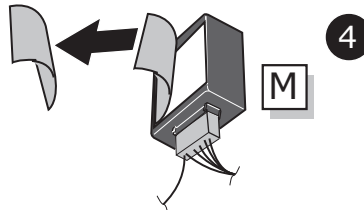
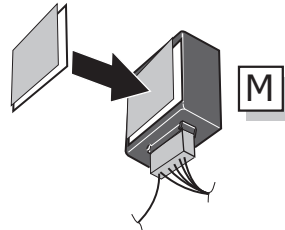
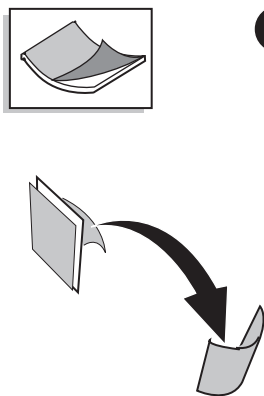
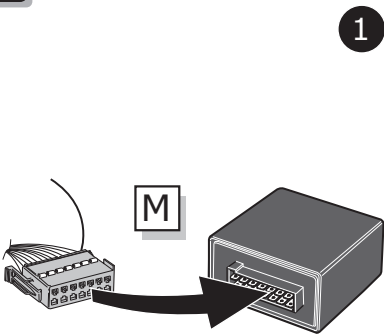
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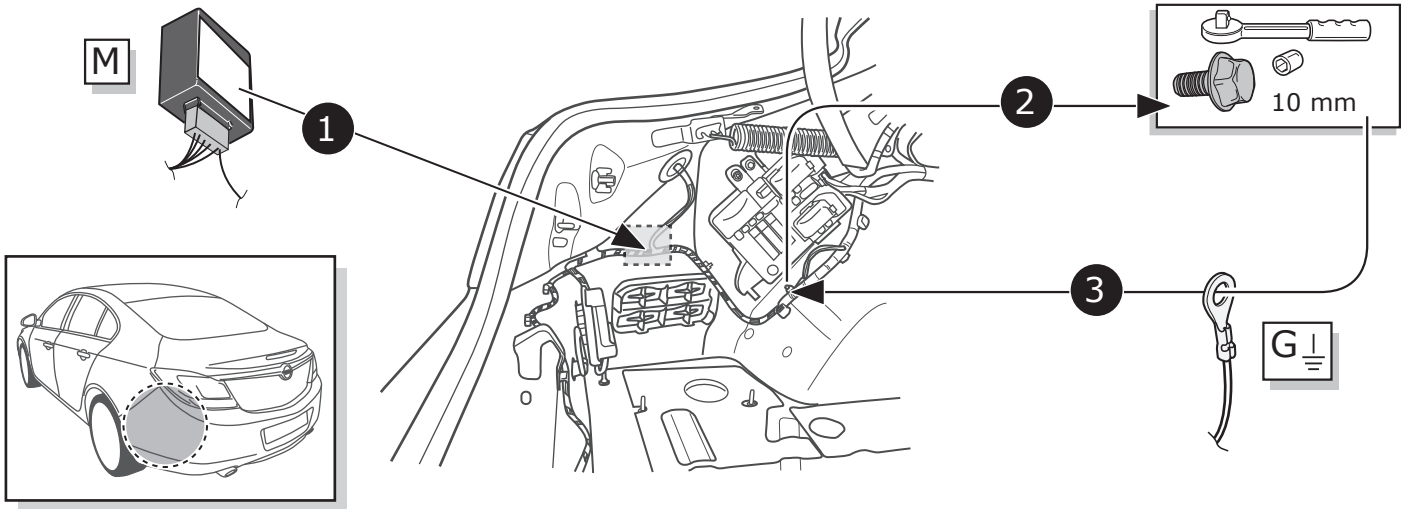
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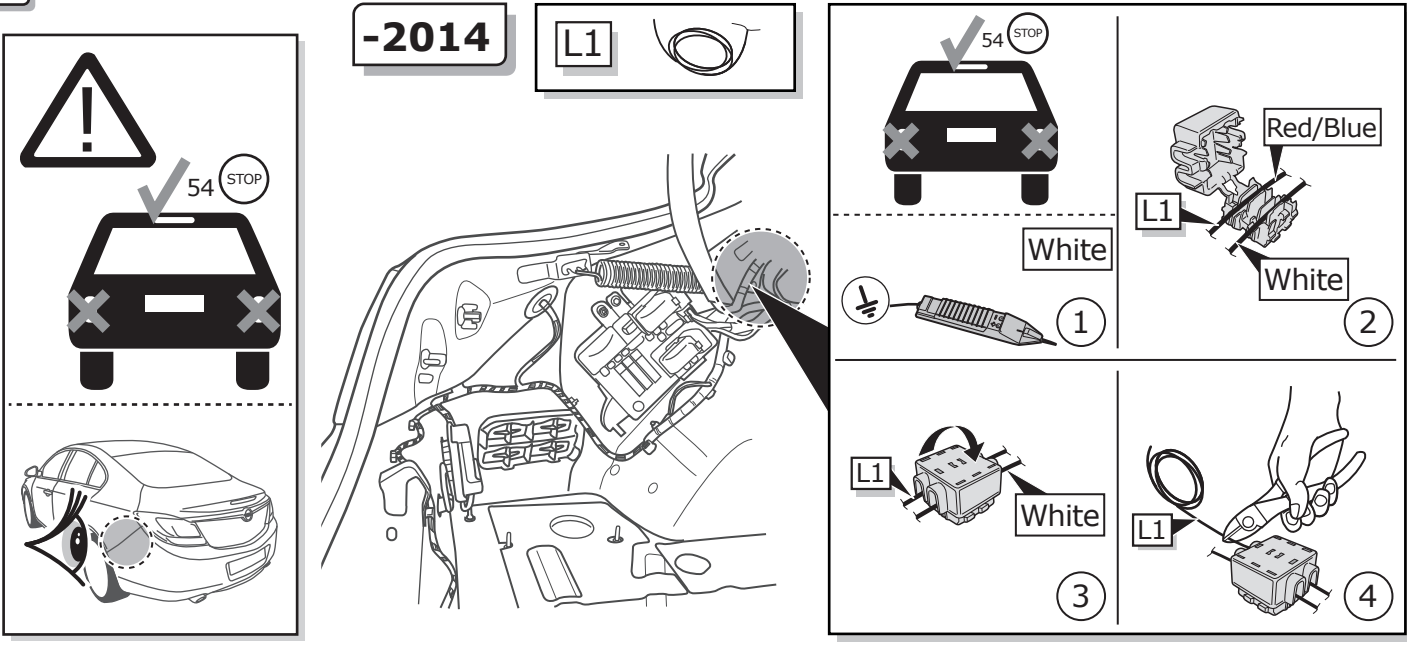
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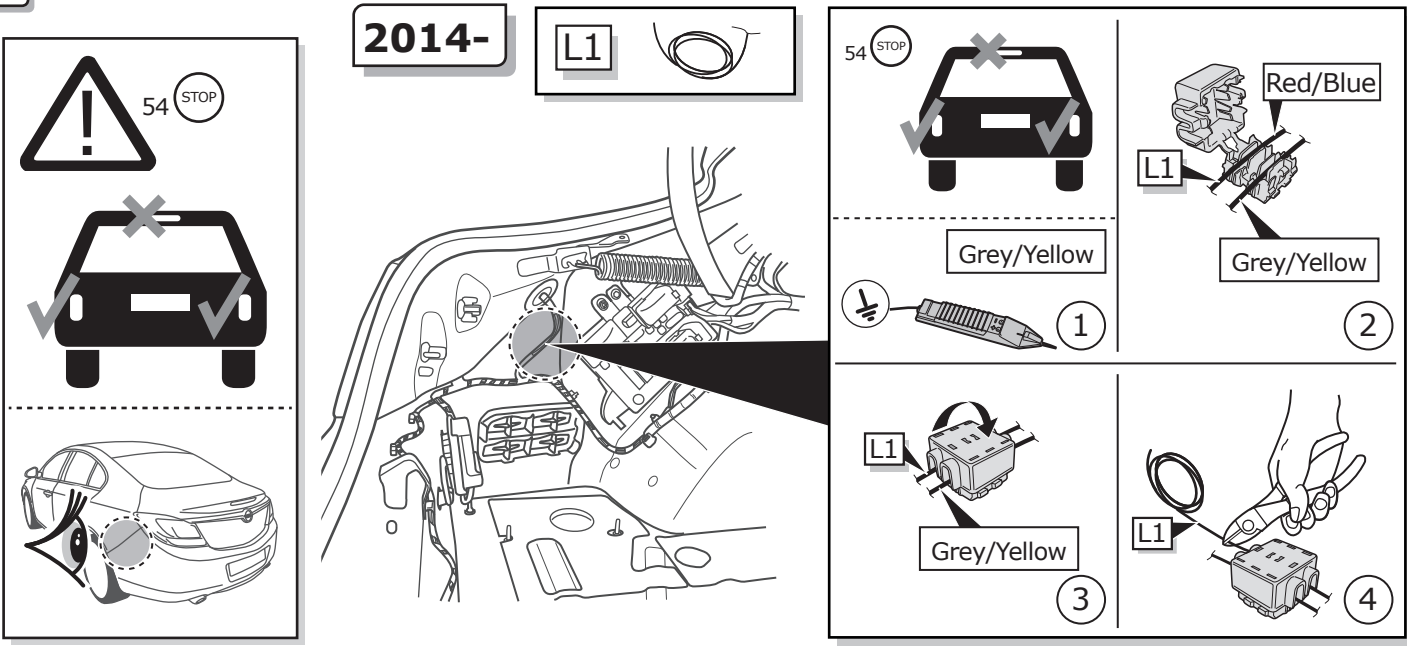
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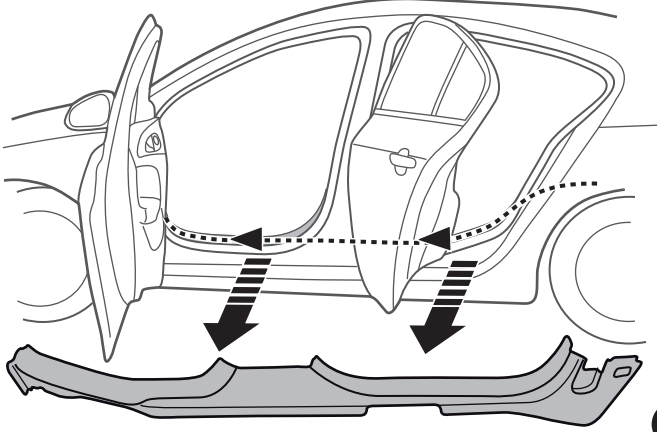
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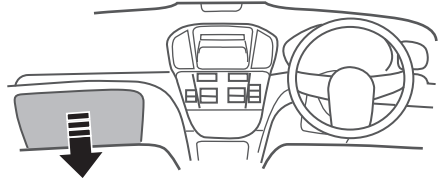
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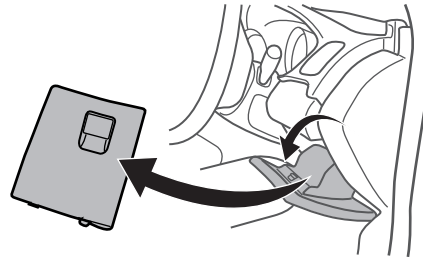
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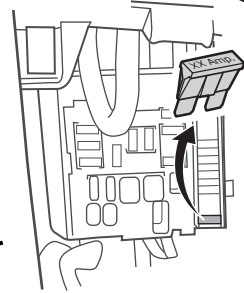


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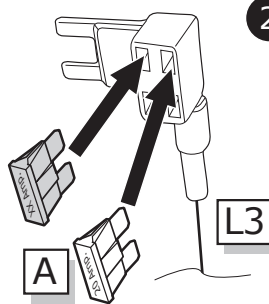
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Option 1

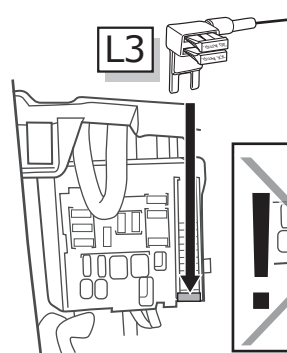
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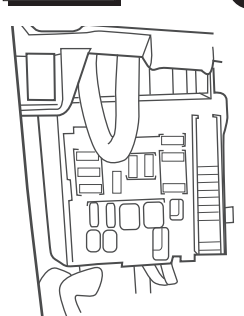


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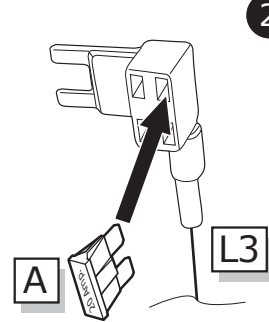


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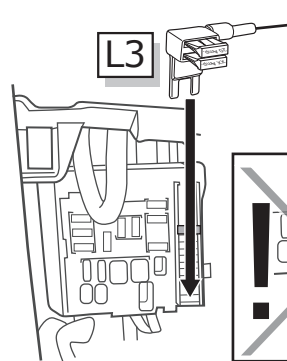
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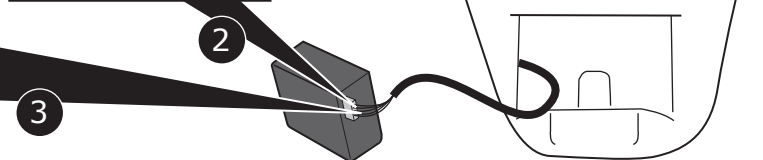
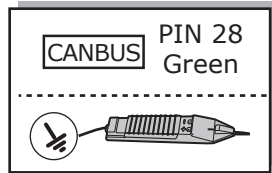
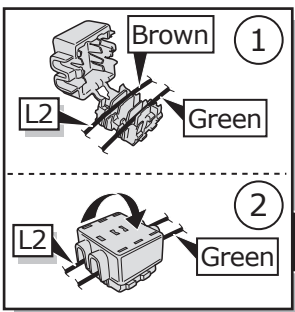
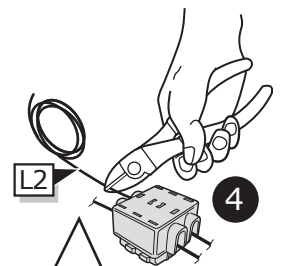
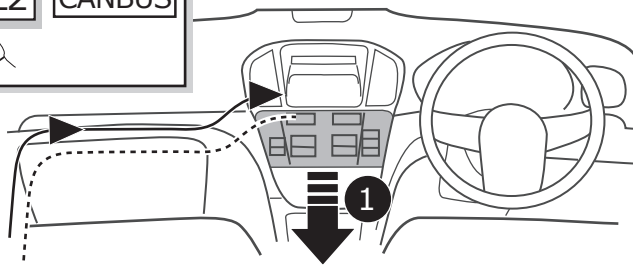
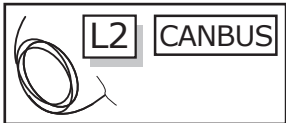
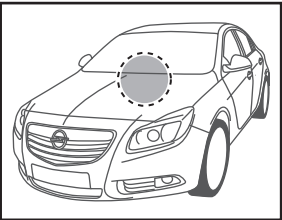


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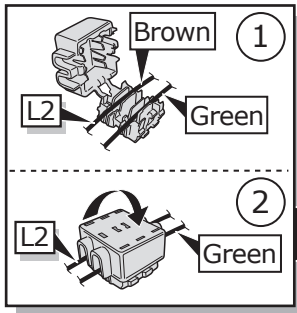
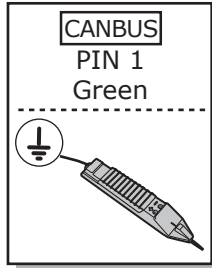
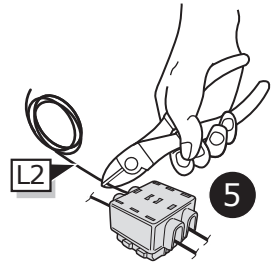
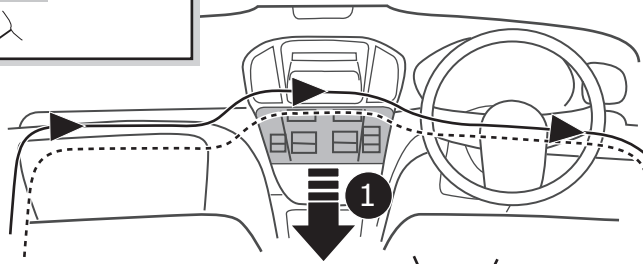
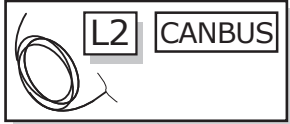
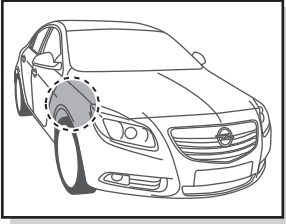
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Option 1



12

Option 2



3

2

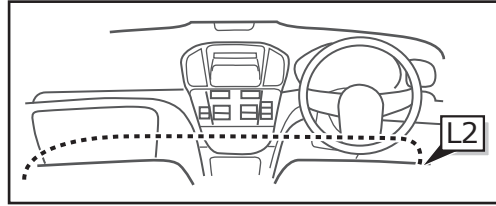
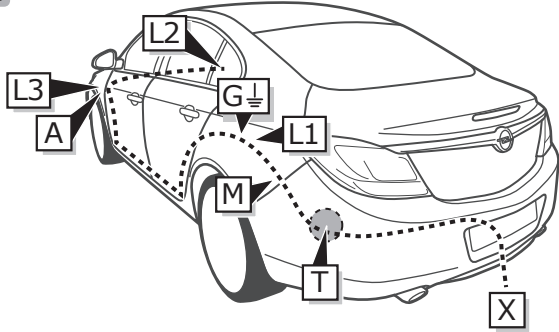
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13



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INFO

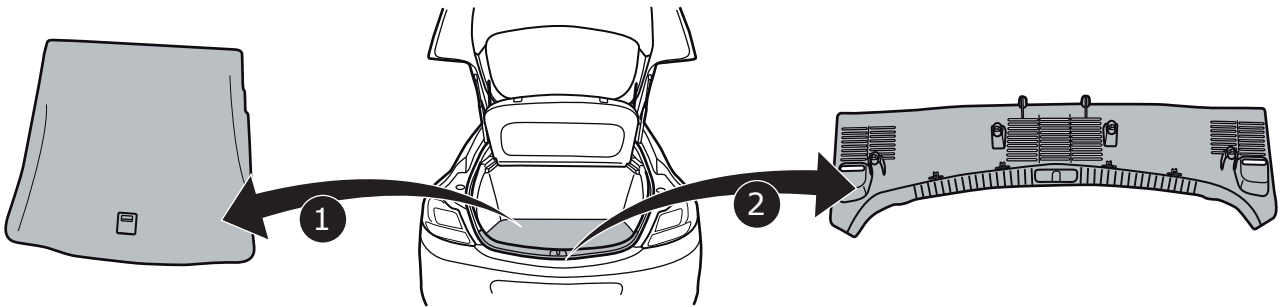


Insignia HB

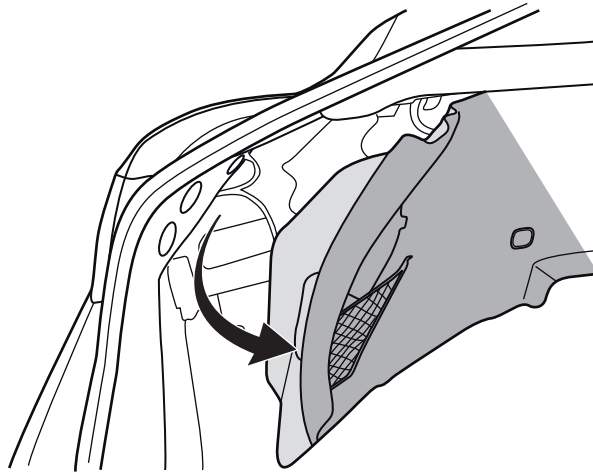
Pag. 9

-
Pag. 12

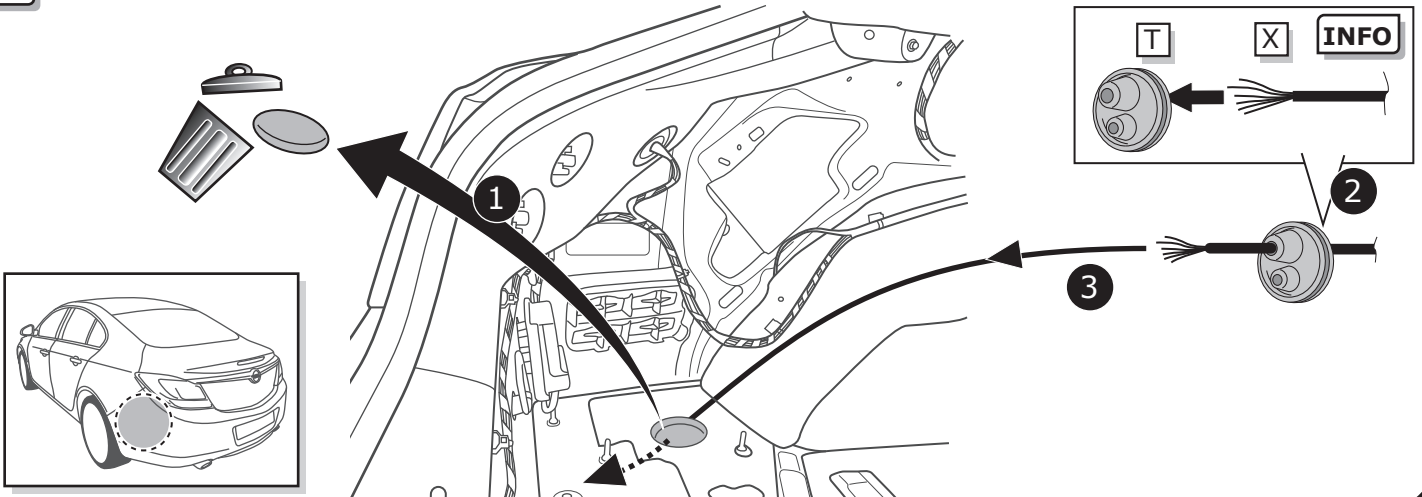
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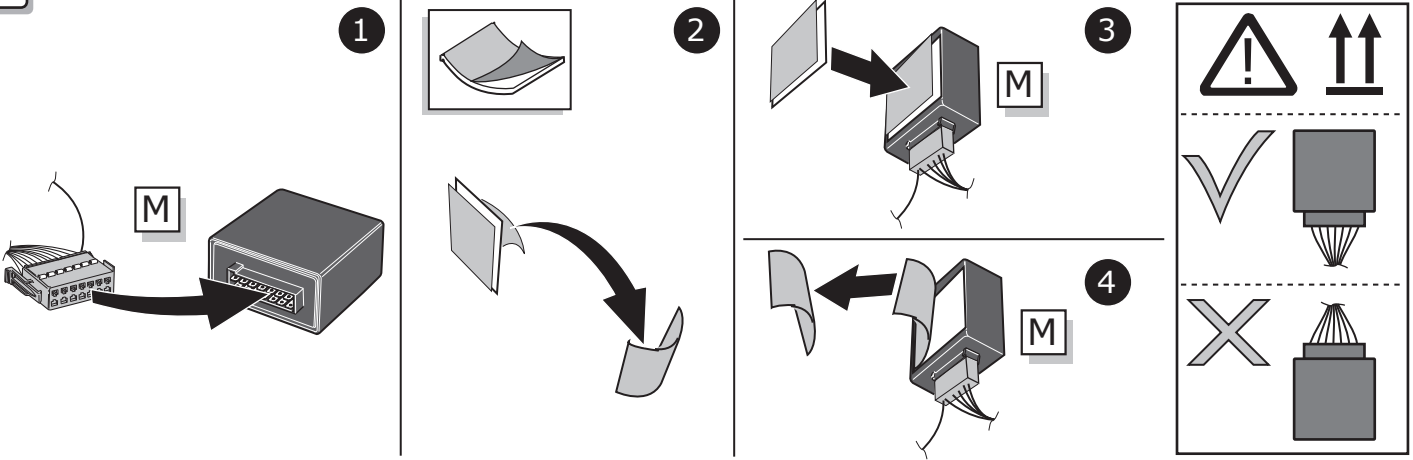
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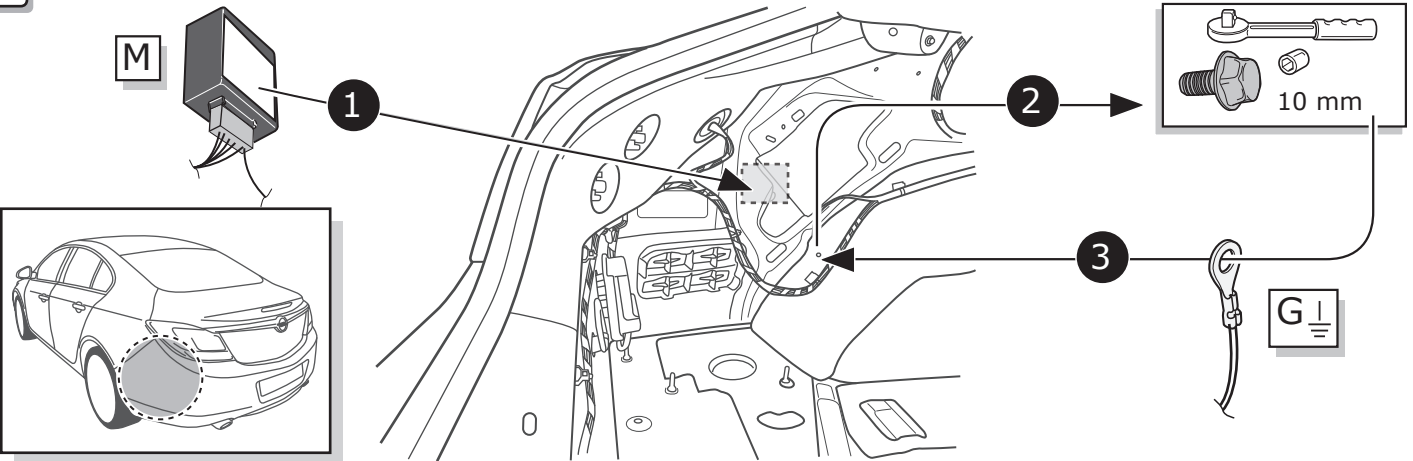
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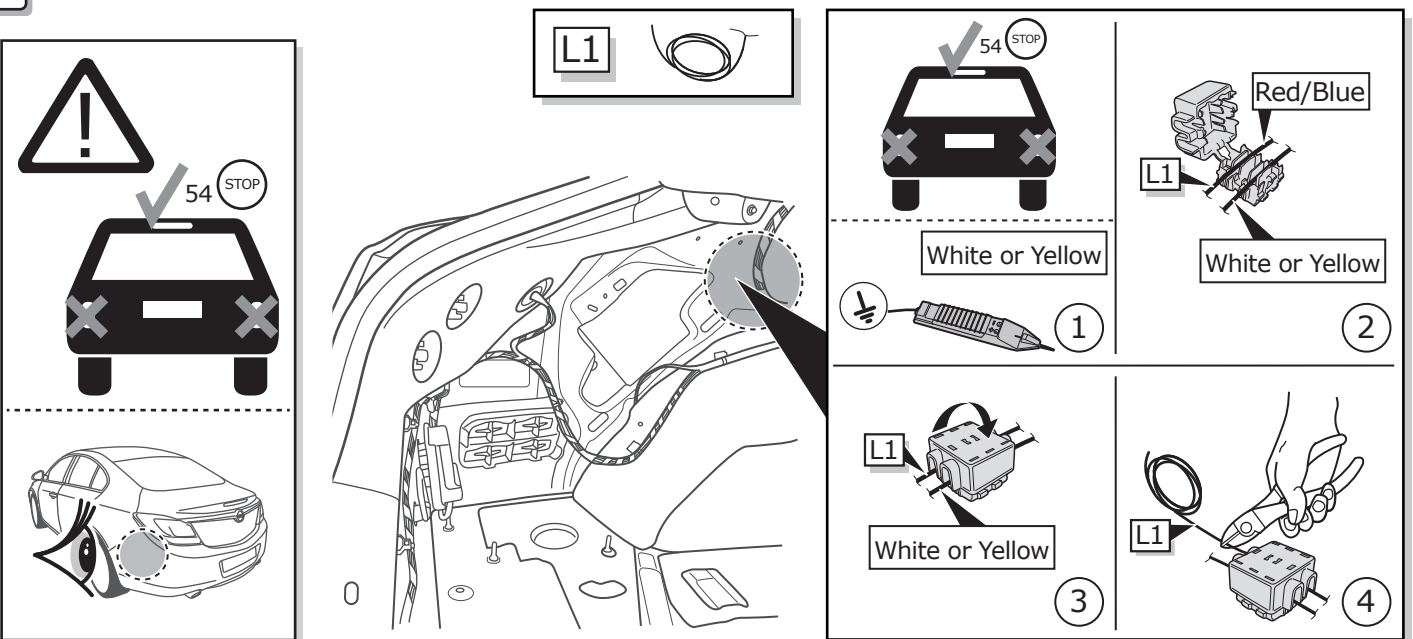
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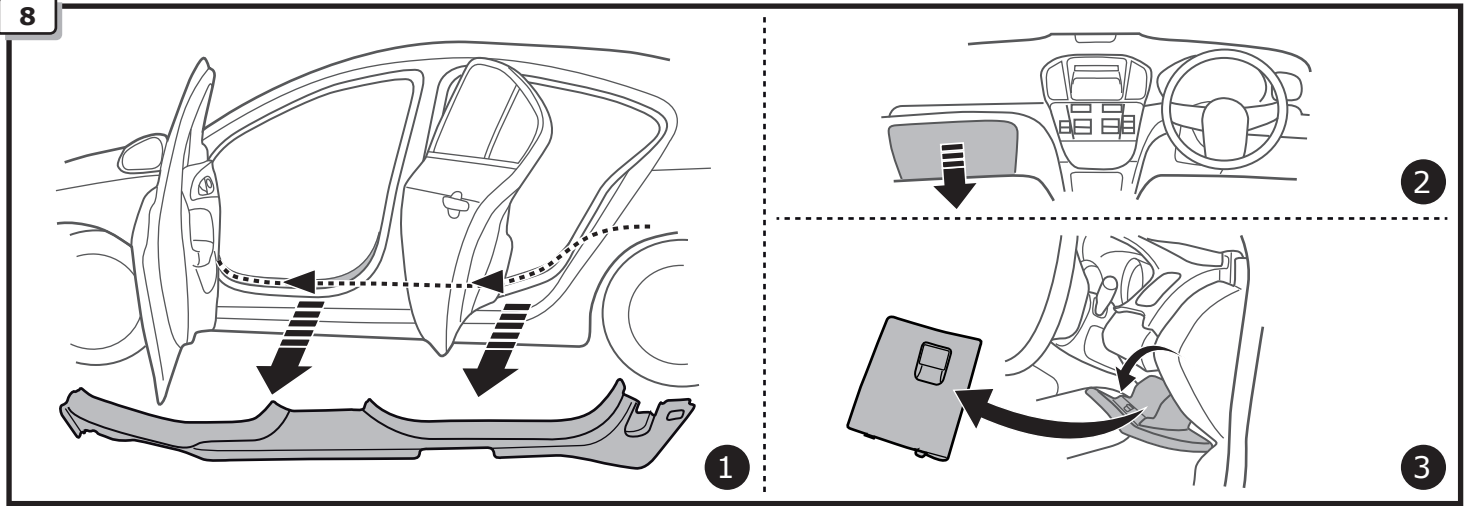
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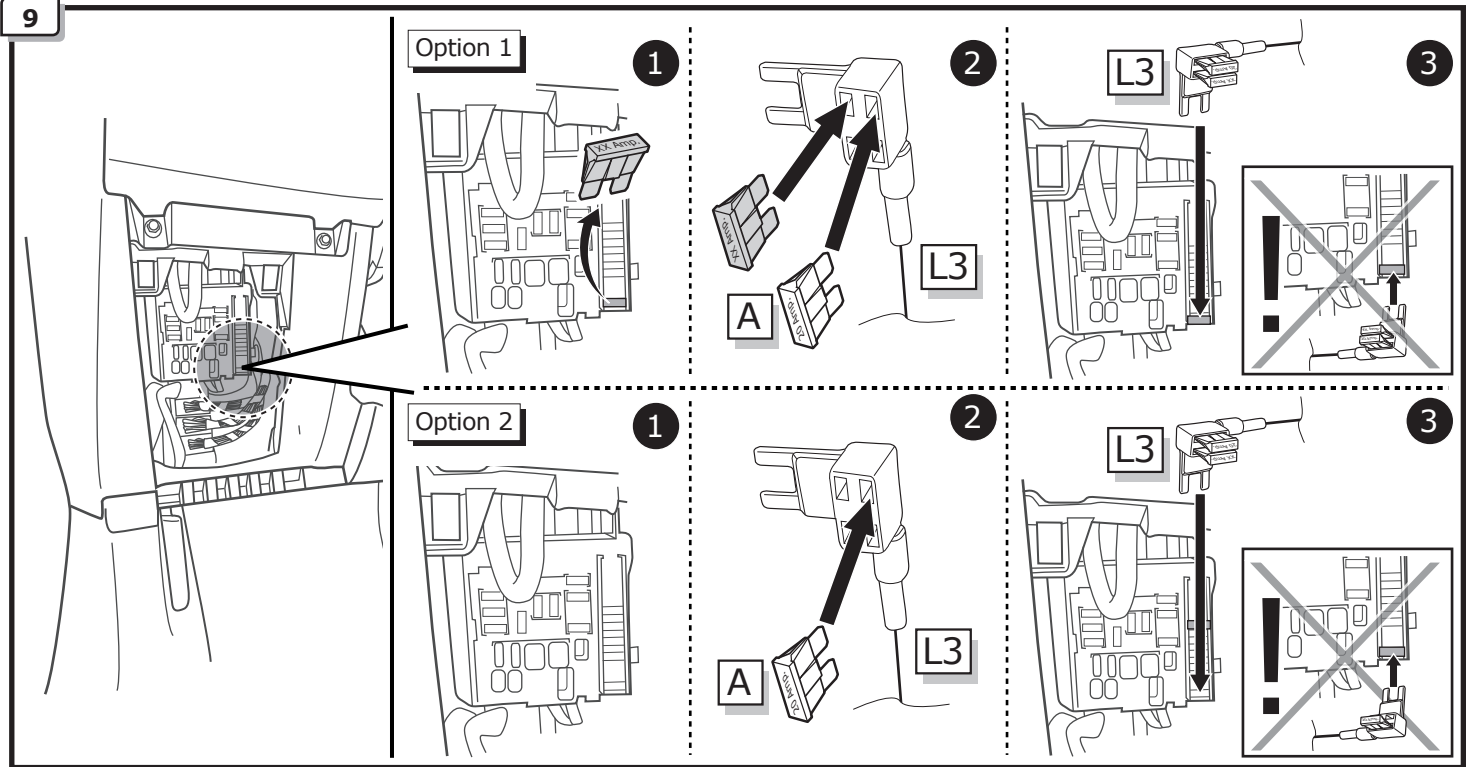
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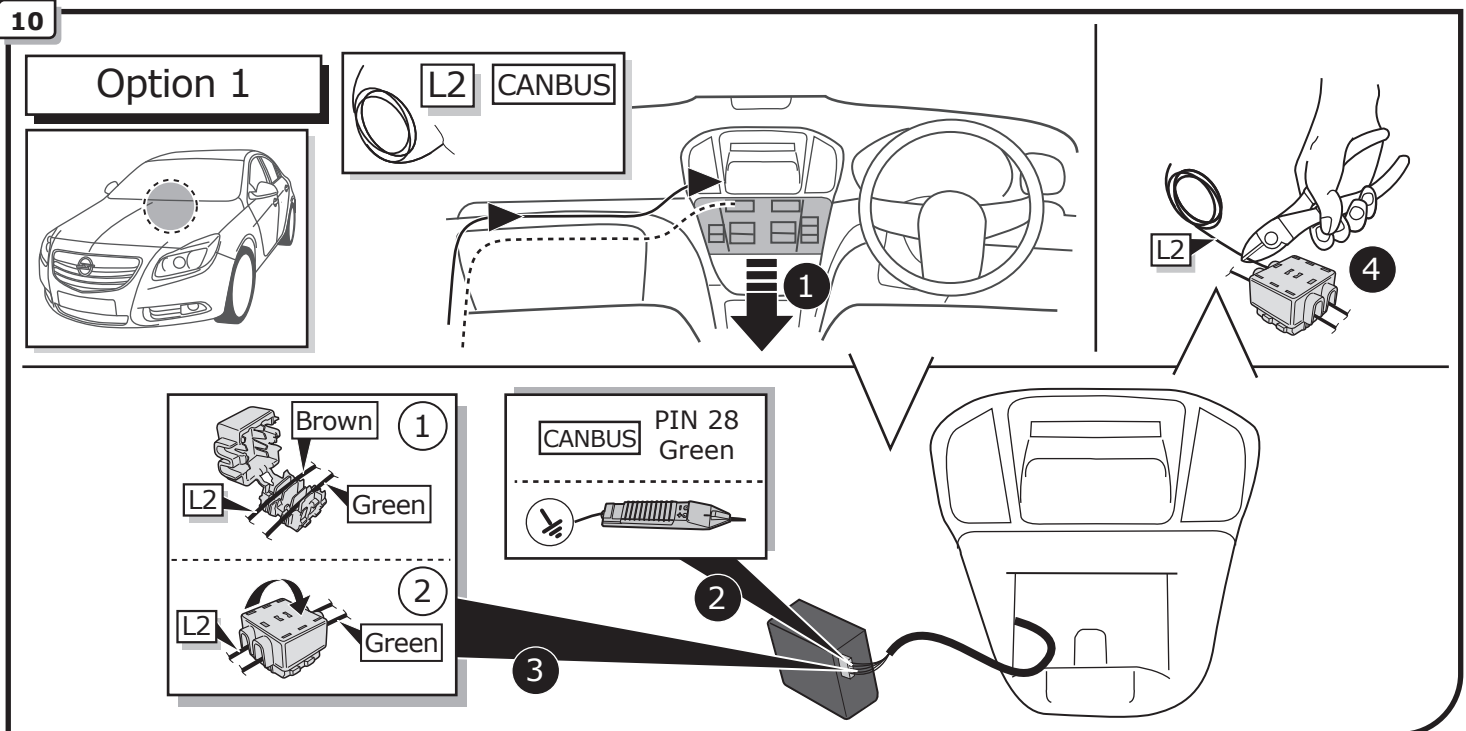
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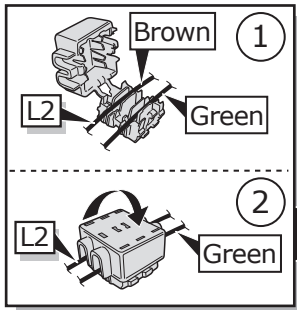
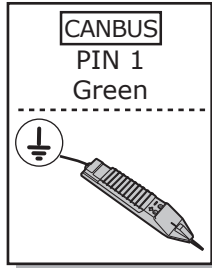
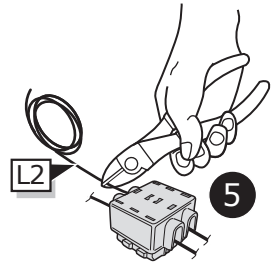
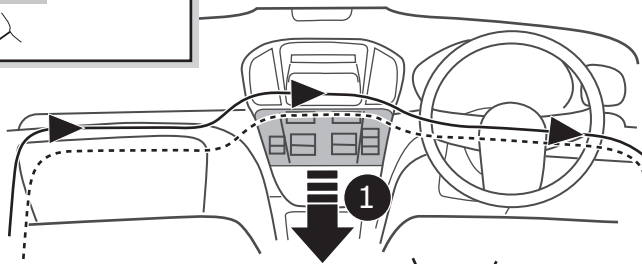
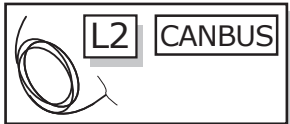
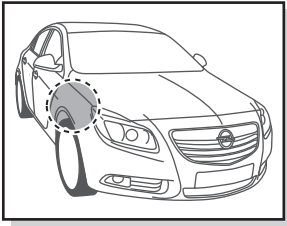


10



11

Option 2



3

2

4

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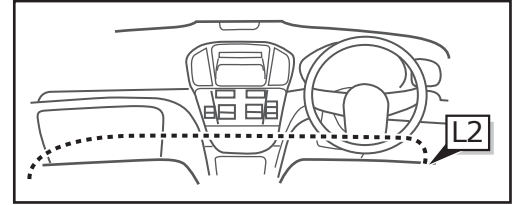
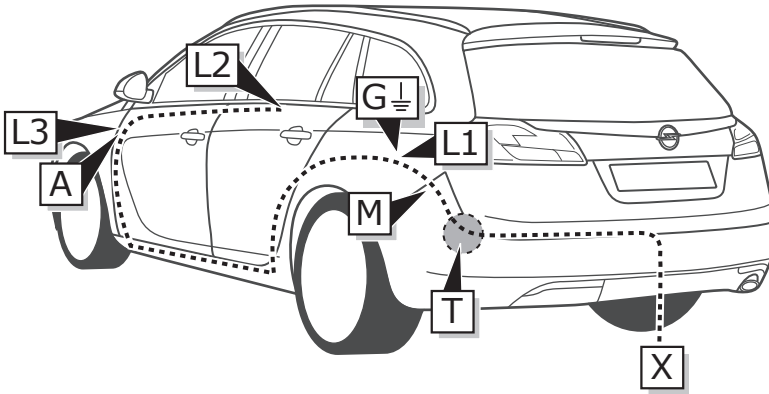


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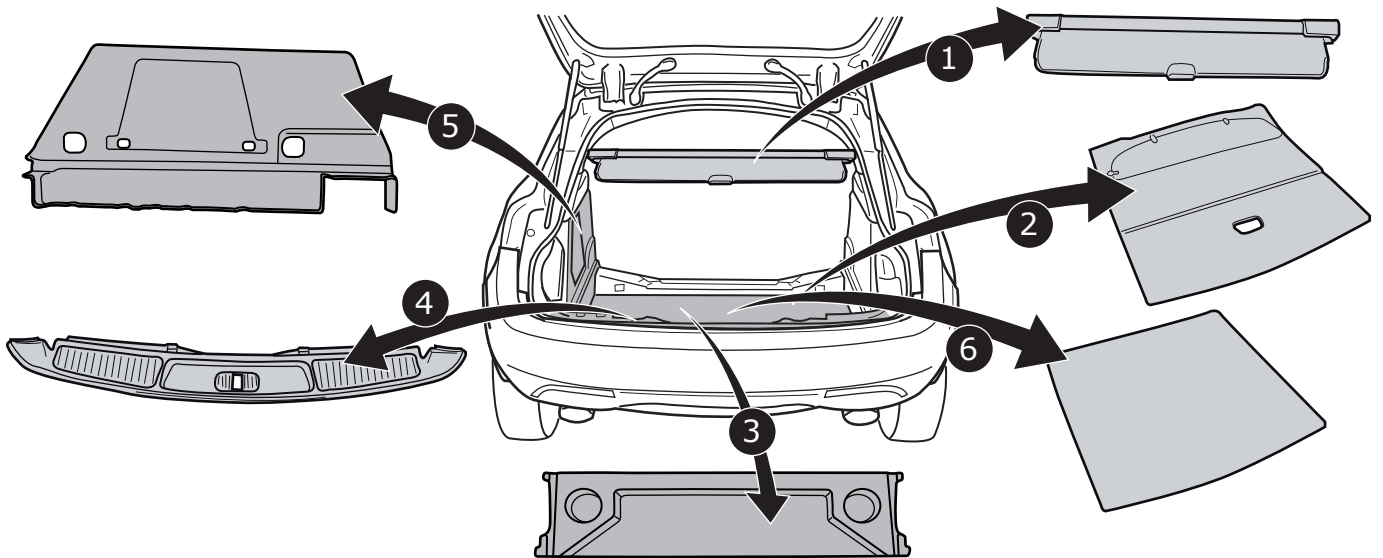
Insignia ST

Pag. 13

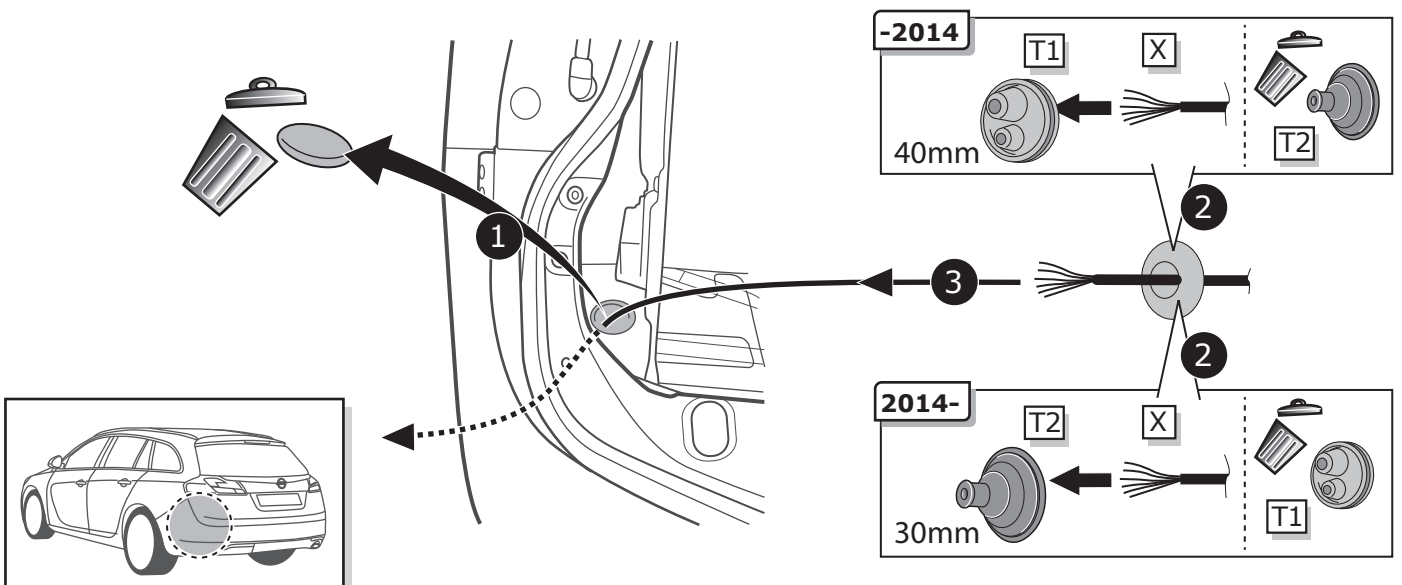
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Pag. 17



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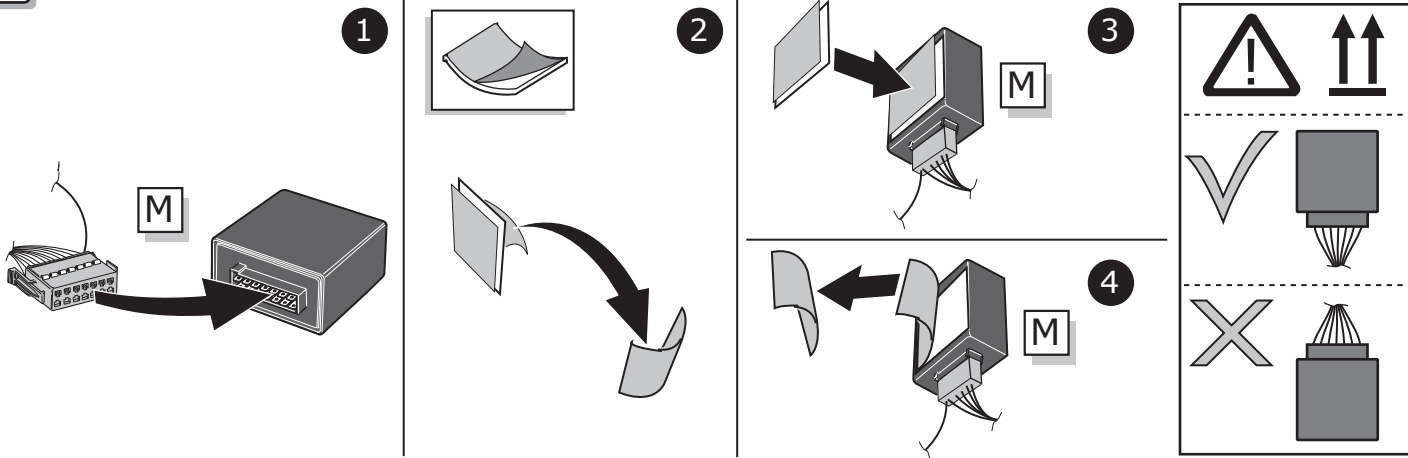
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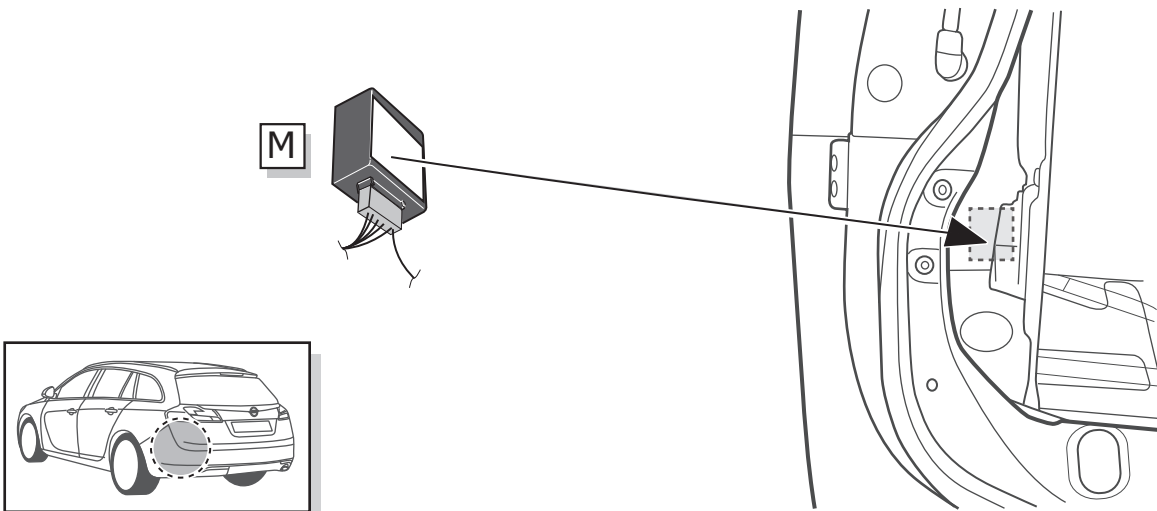
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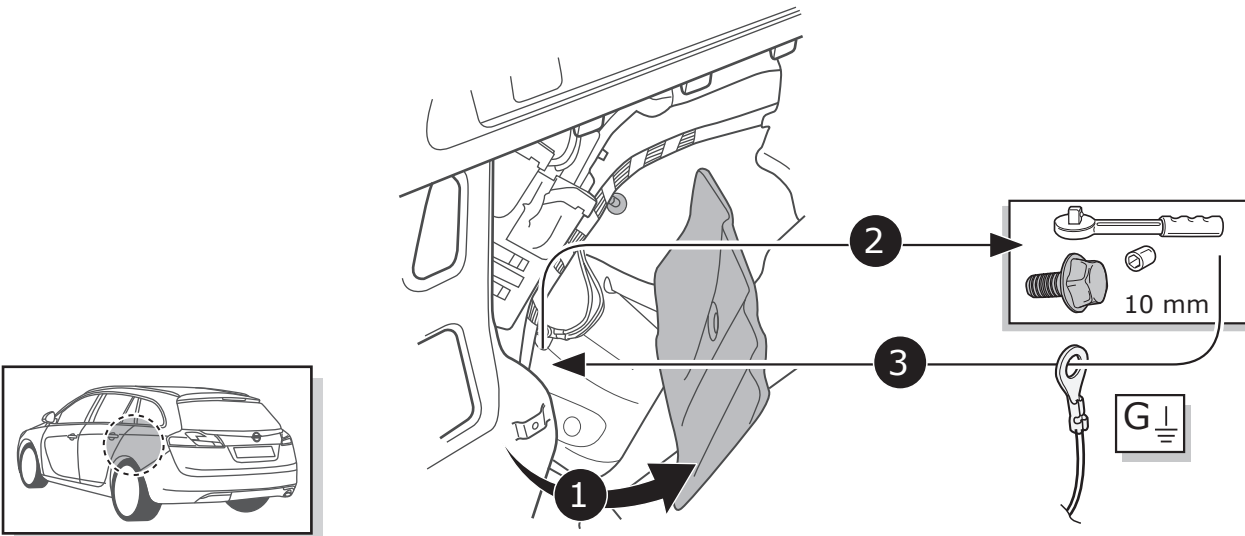
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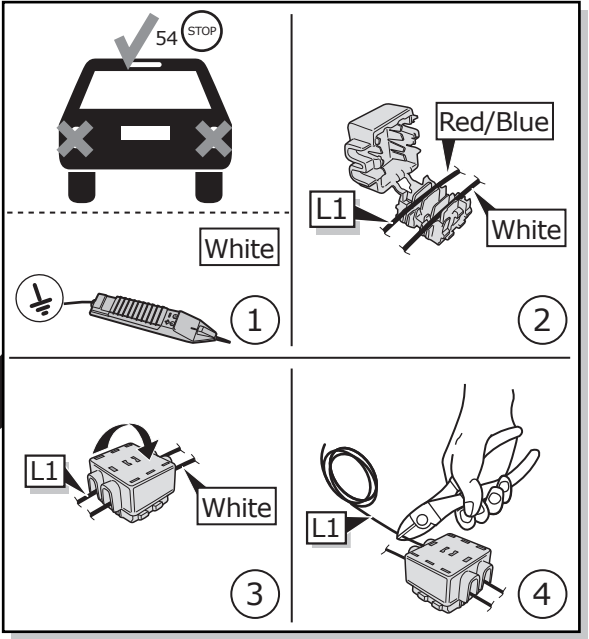
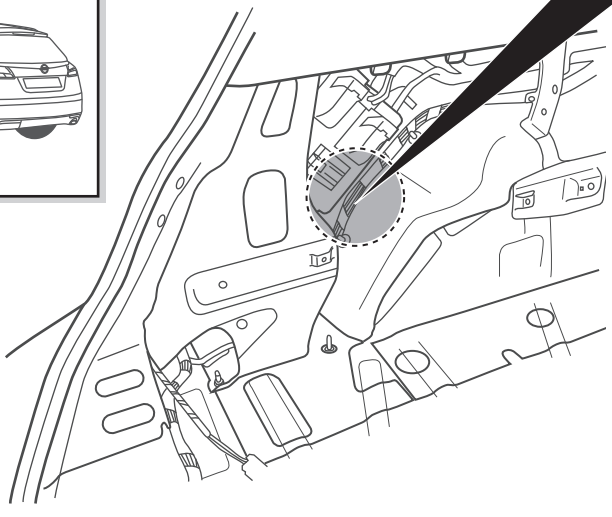
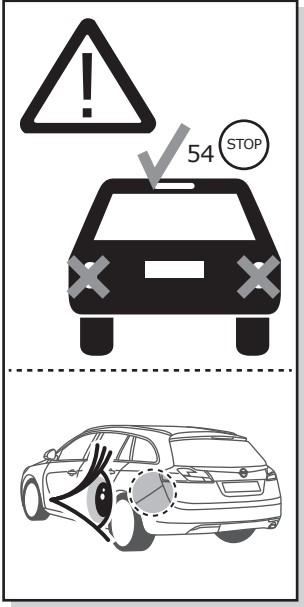


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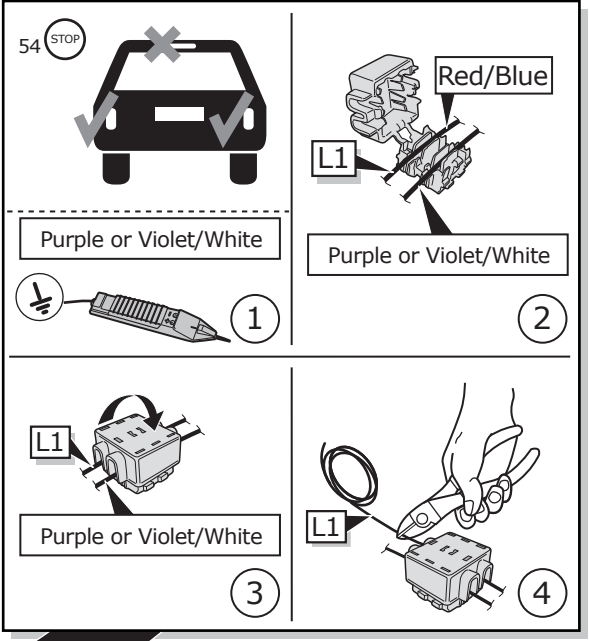
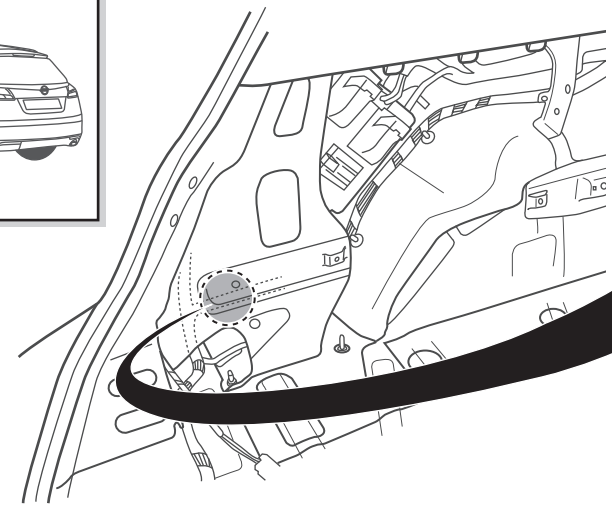
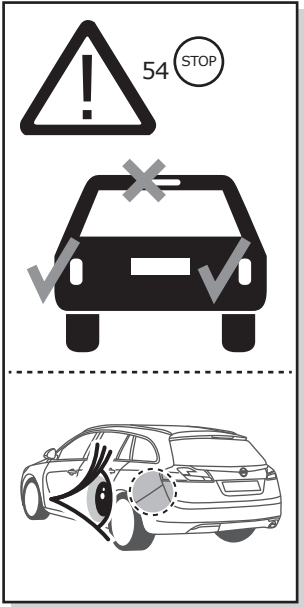
7

-2014

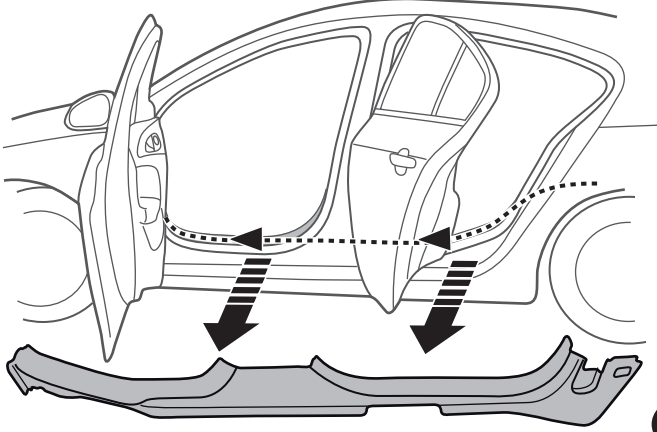


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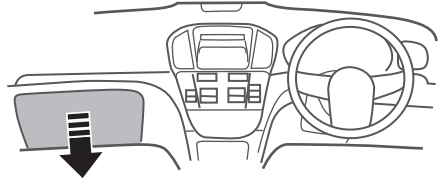
2014-



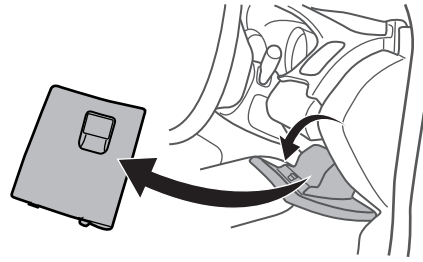
9



1



2

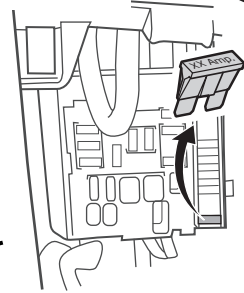


3

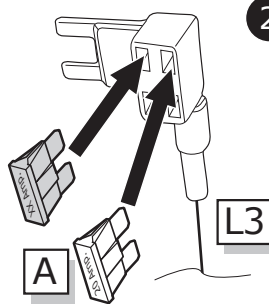
10

Option 1

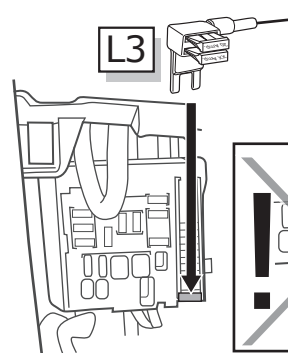
1



2

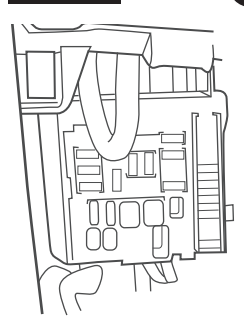


3

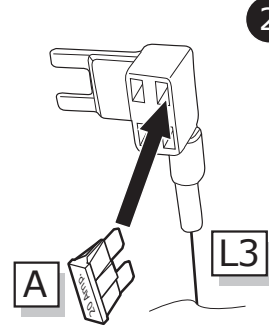


Option 2

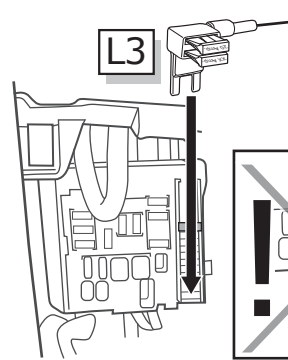
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2

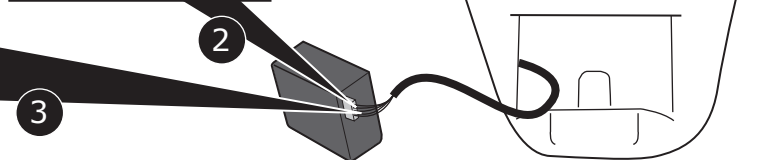
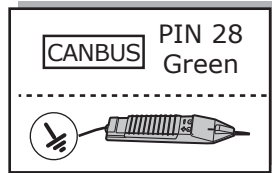
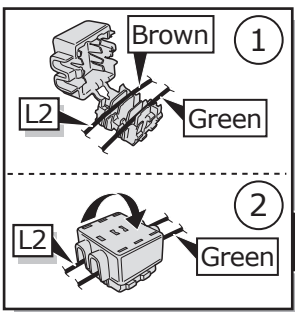
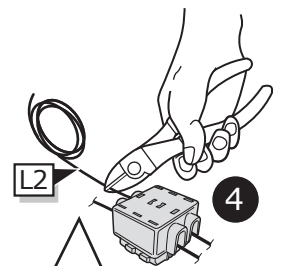
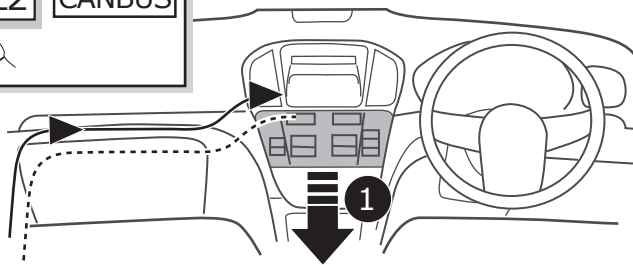
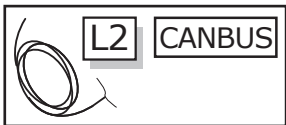
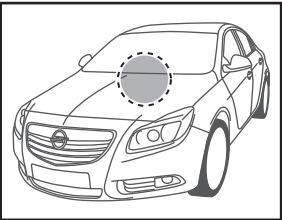


3



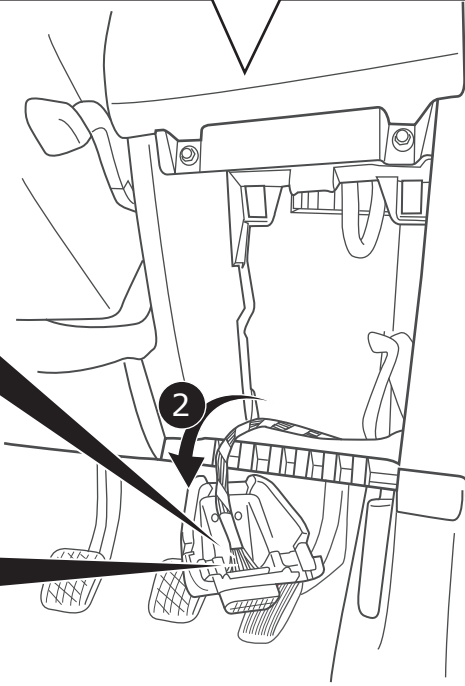
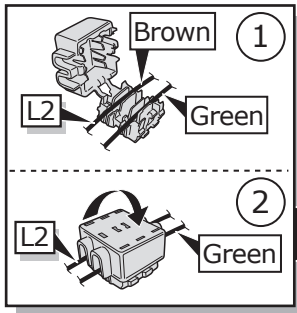
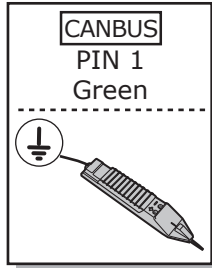
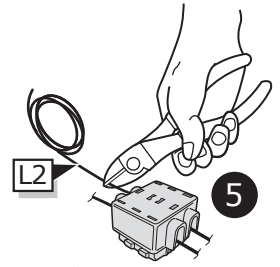
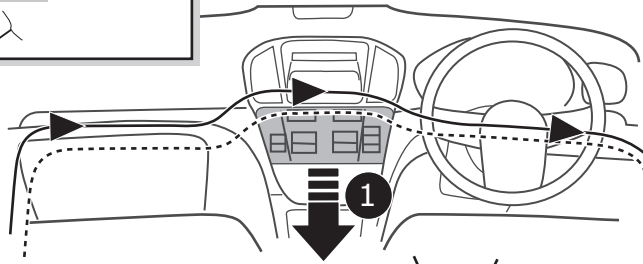
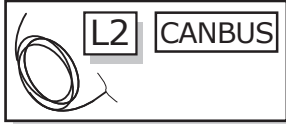
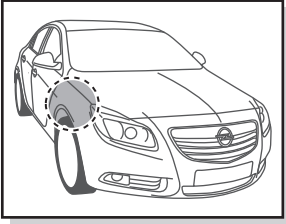
11

Option 1



12

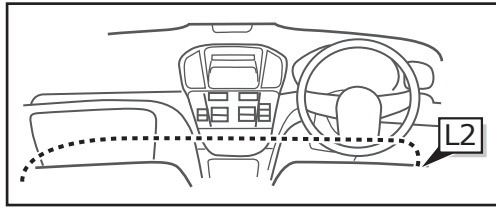
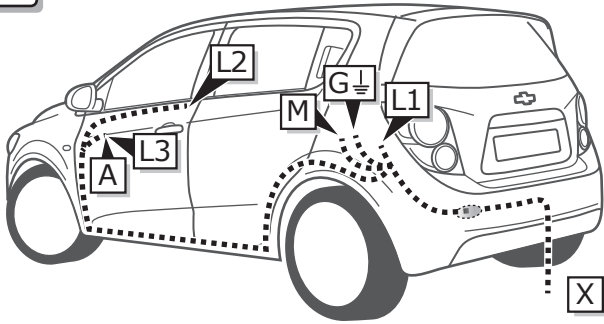
Option 2



13



INFO

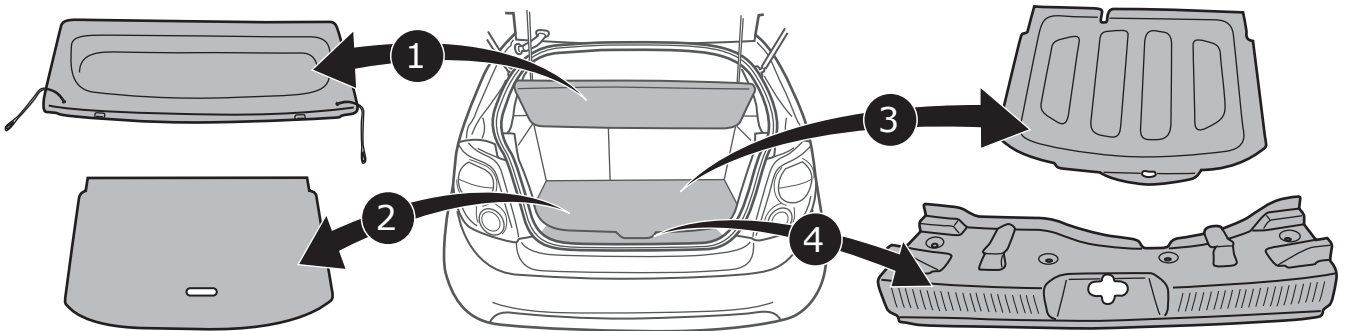


Aveo HB

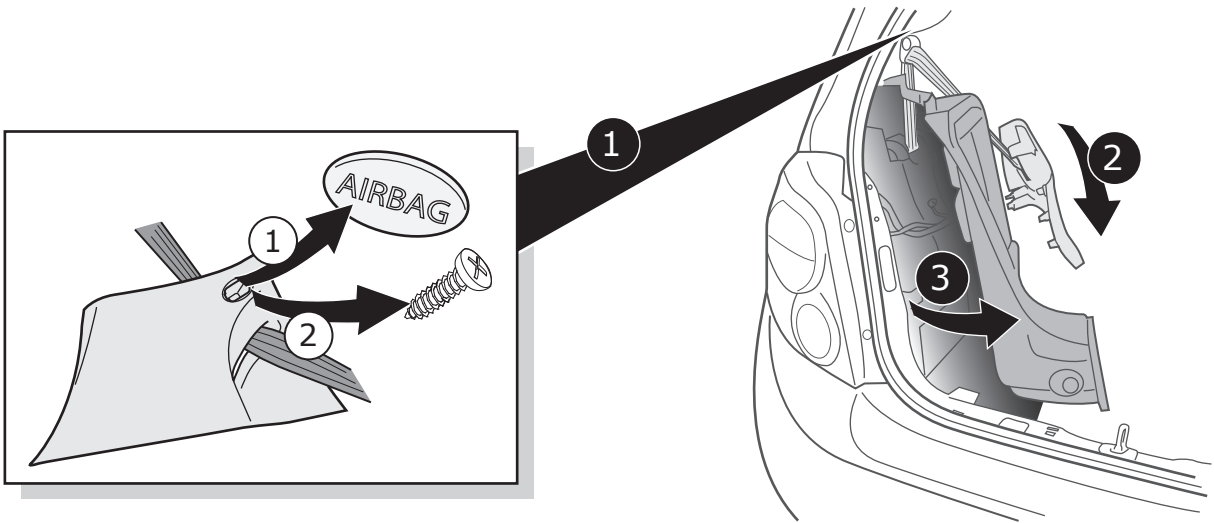
Pag. 18

Pag. 20

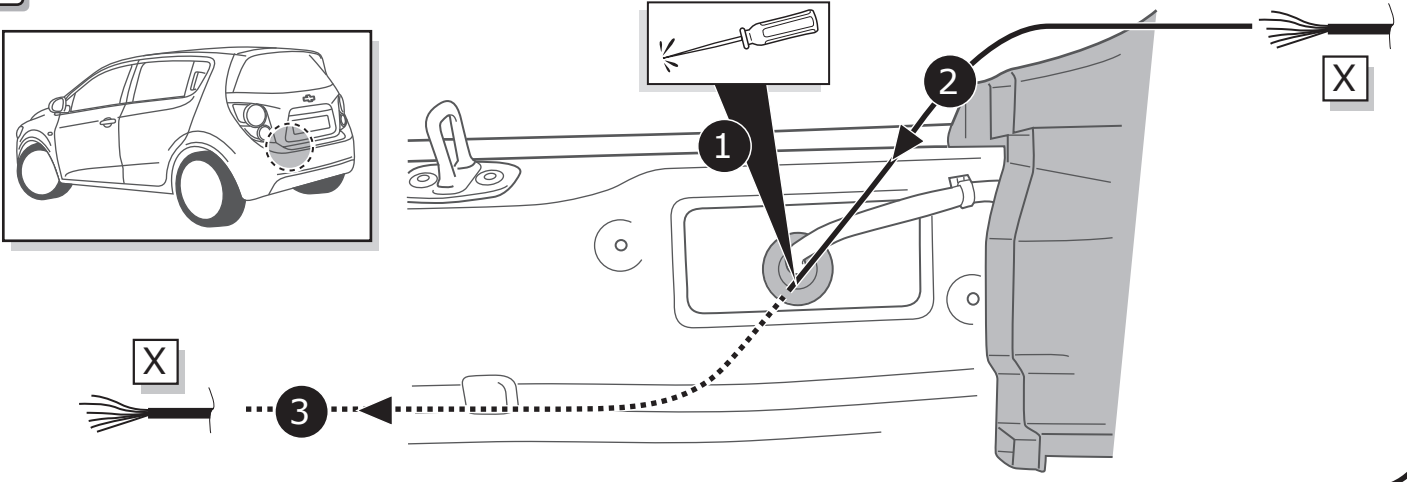
1



2



3

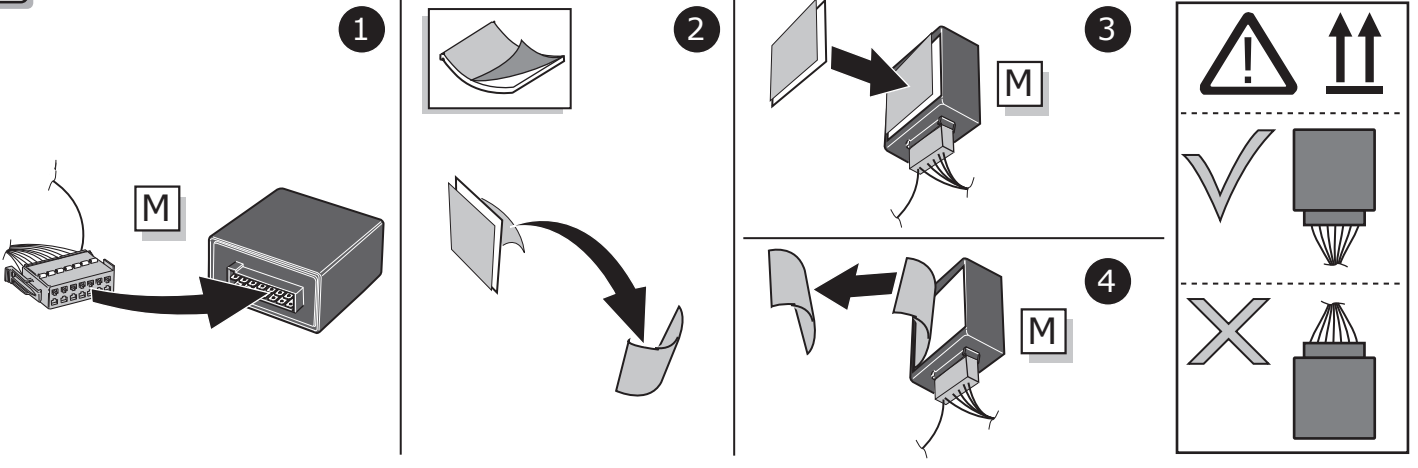


4

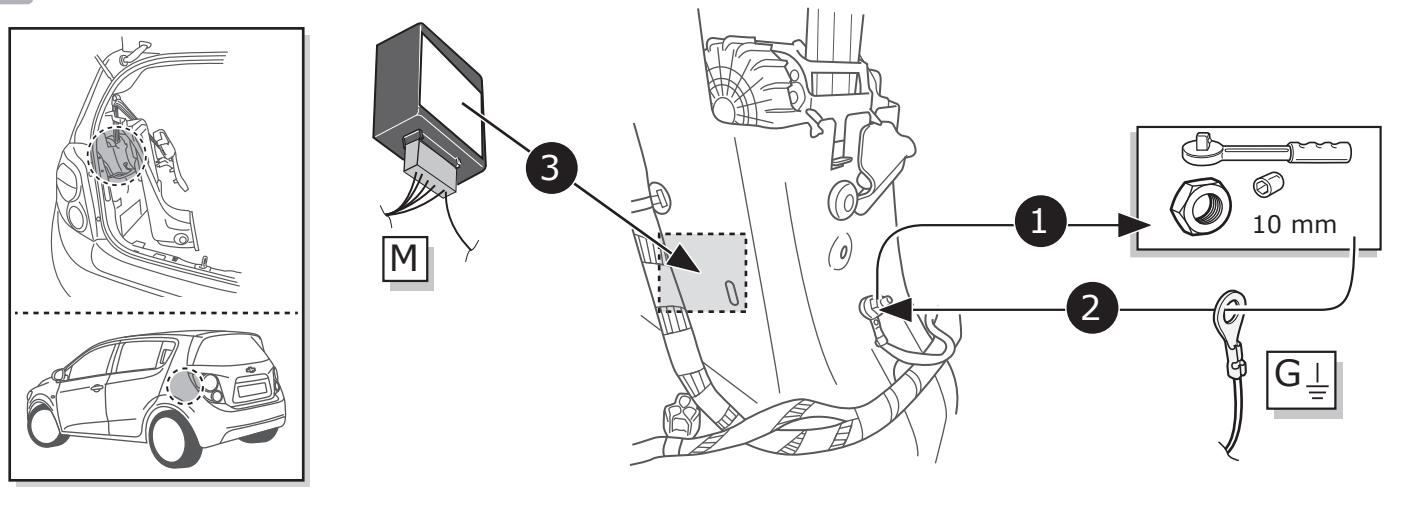


Pag. 34

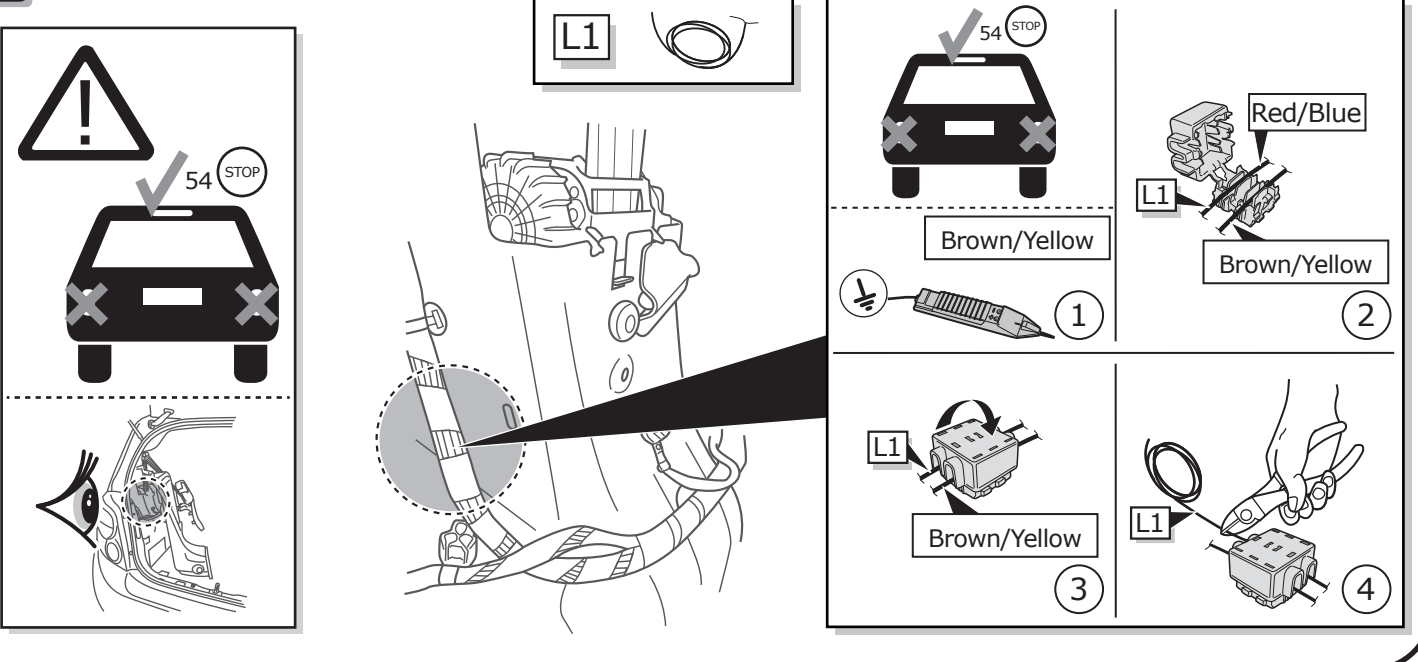
5

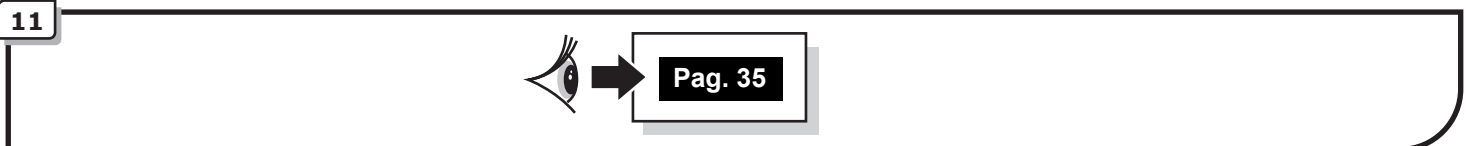
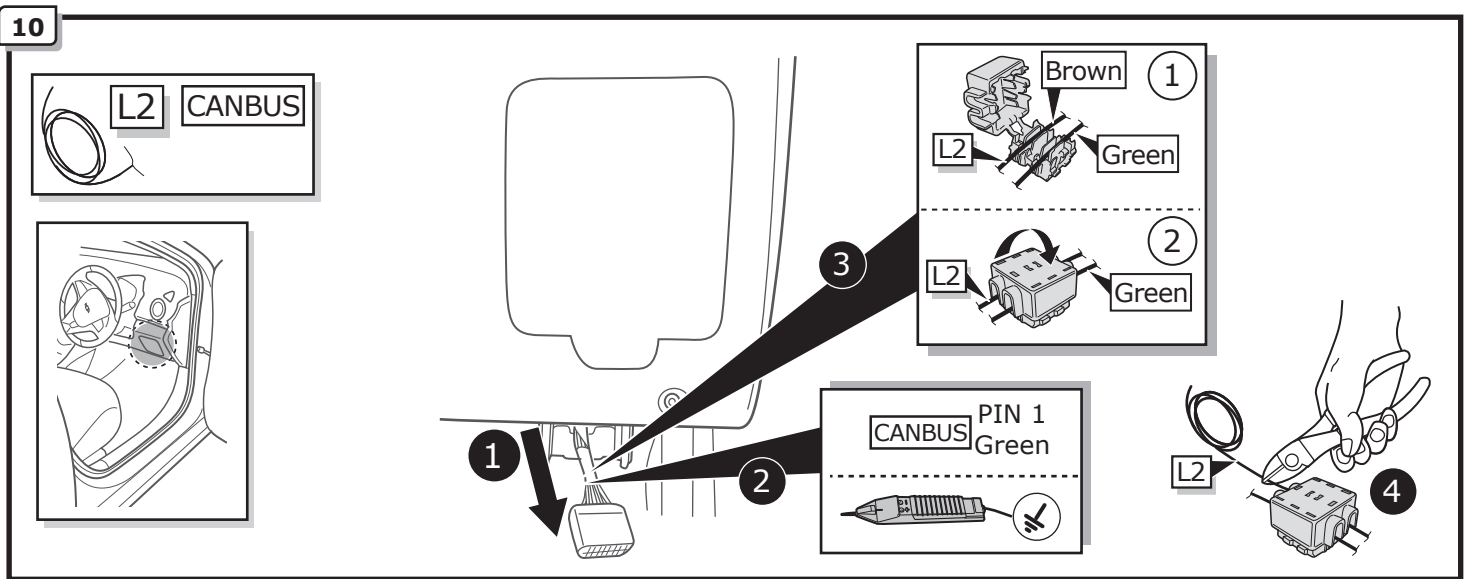
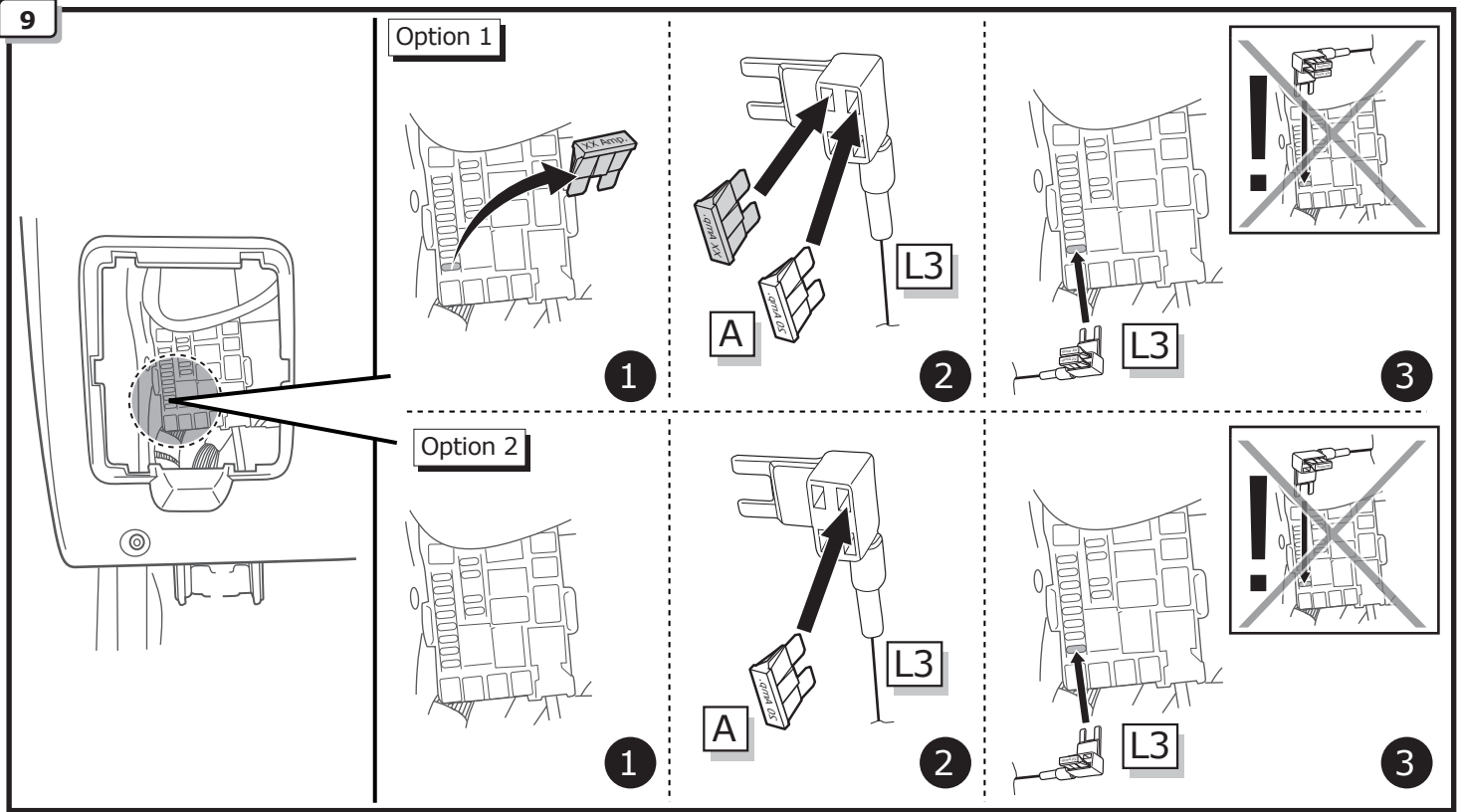
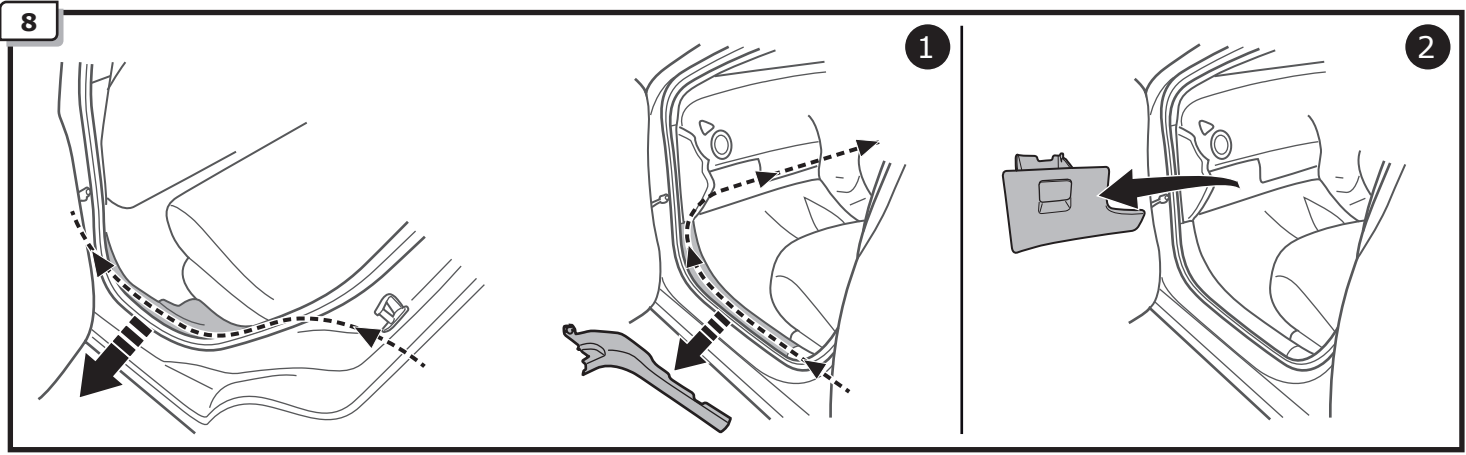


6

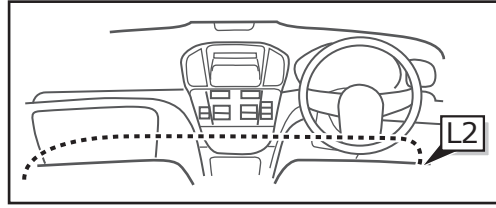
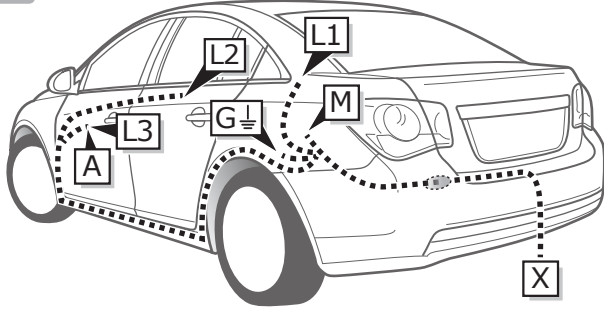


7





INFO

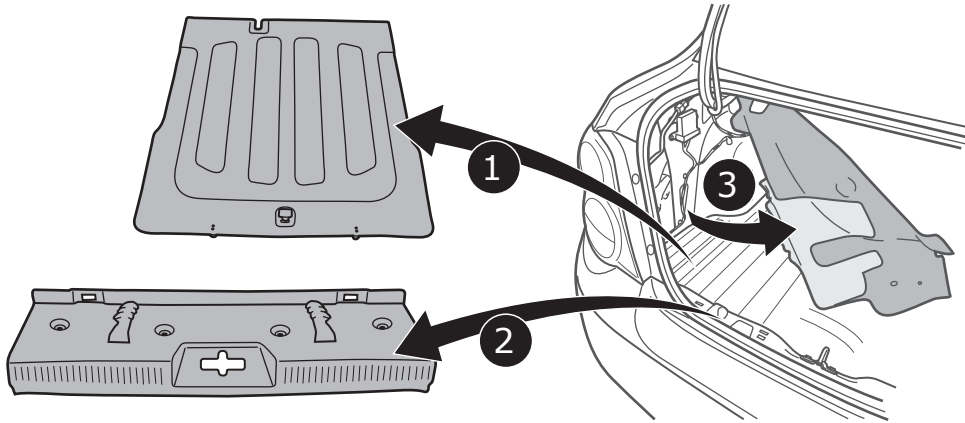


Aveo SD

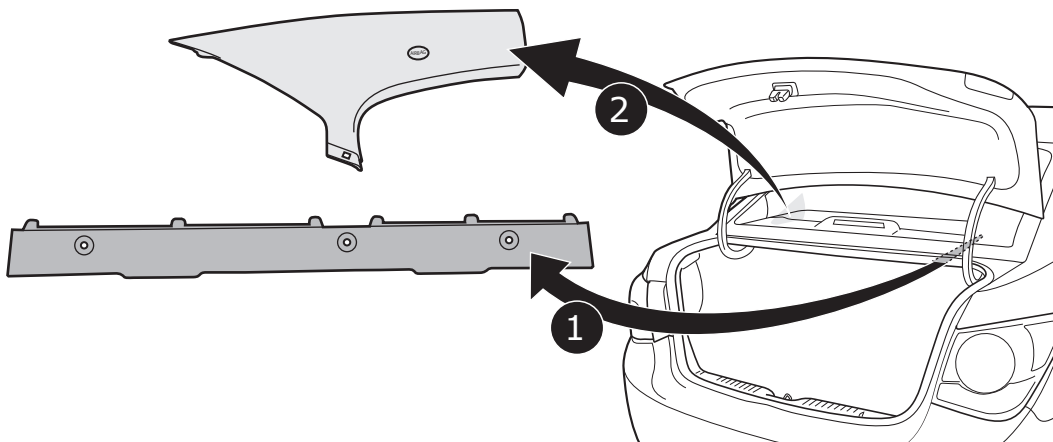
Pag. 21

Pag. 23

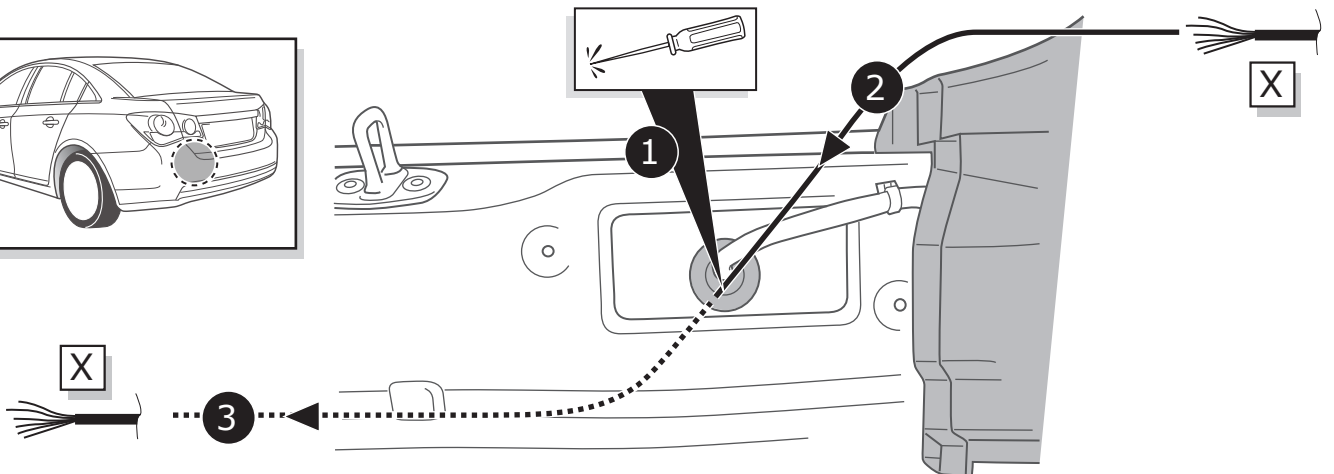
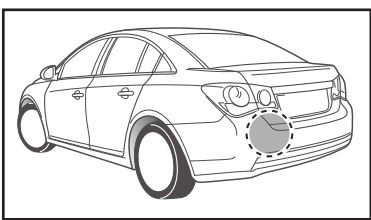
1



2



3

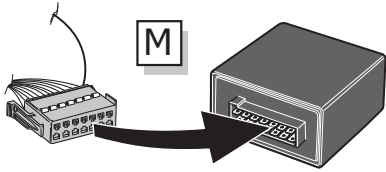


4



Pag. 34

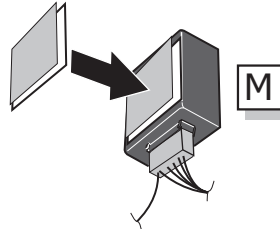
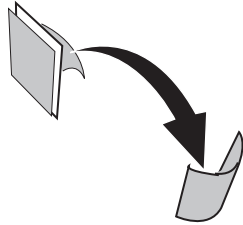
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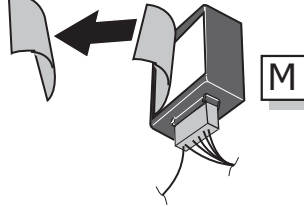
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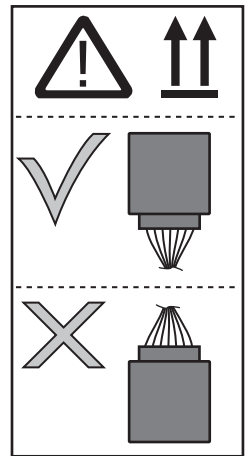
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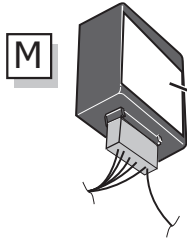
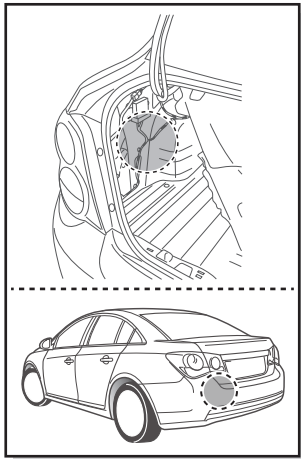
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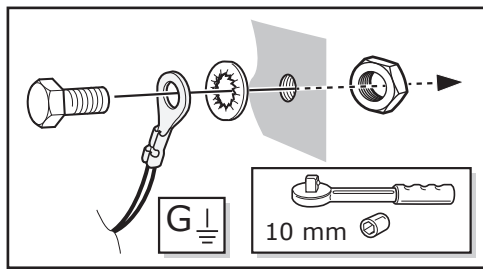
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6



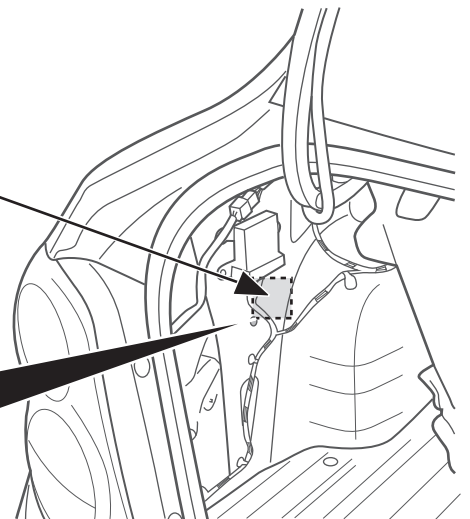
2



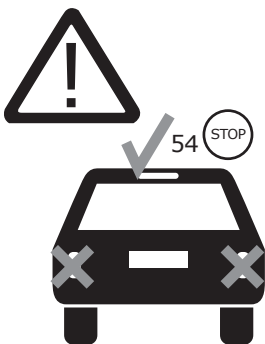
G

10 mm

1



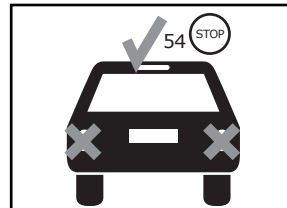
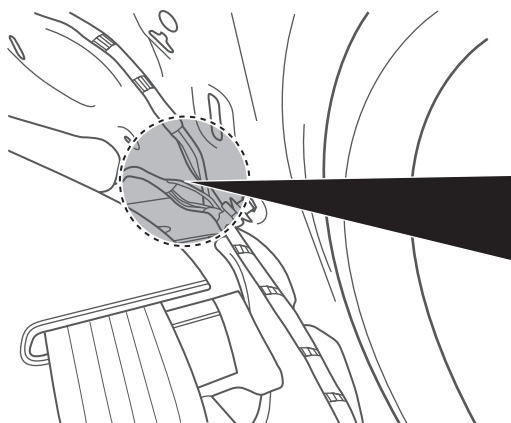
7



54 STOP

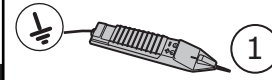


L1

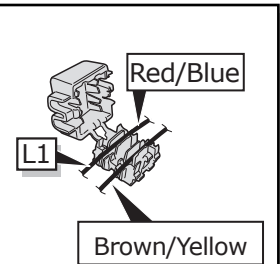


54 STOP

Brown/Yellow



1

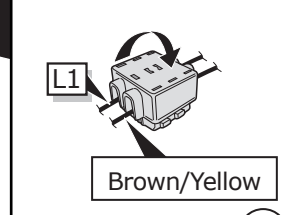


Red/Blue

L1

Brown/Yellow

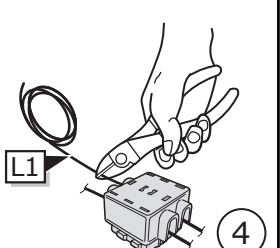
2



L1

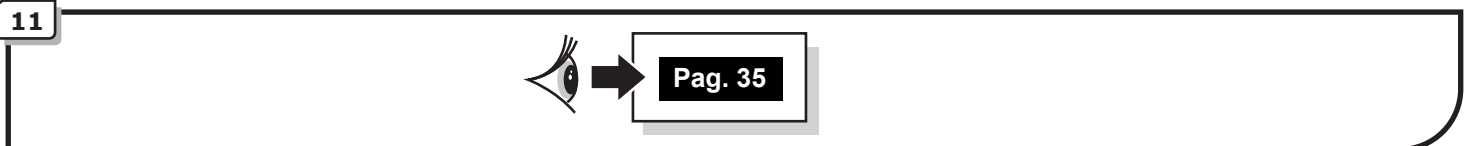
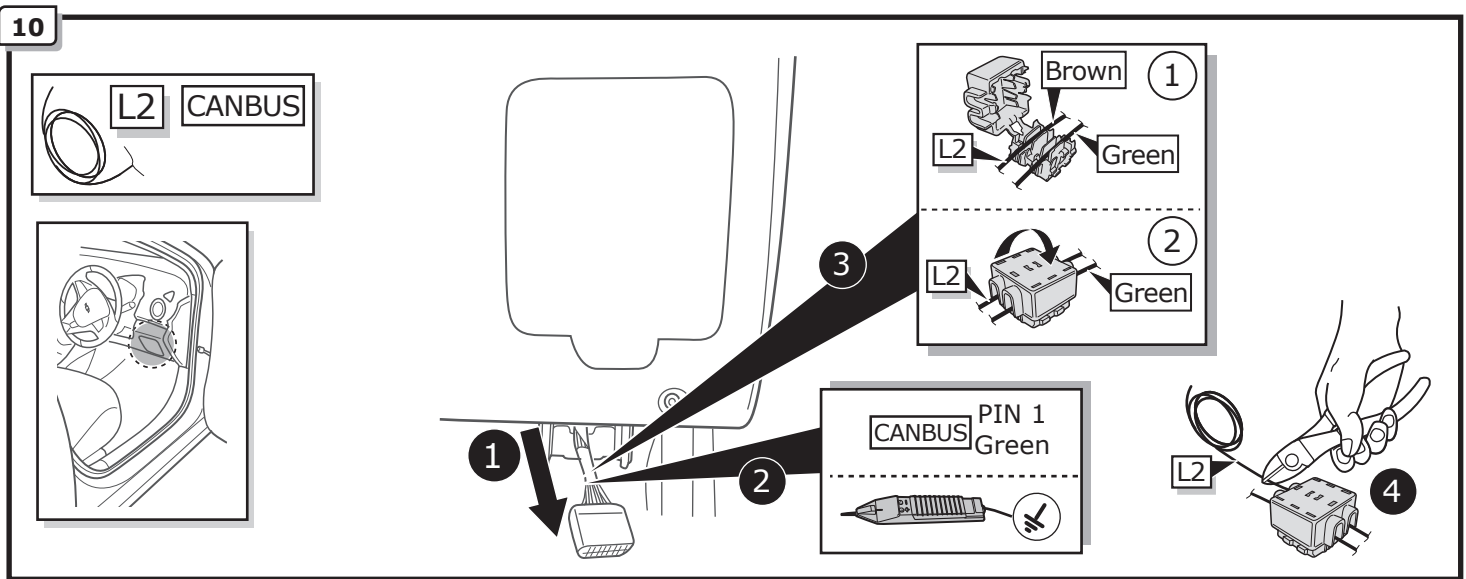
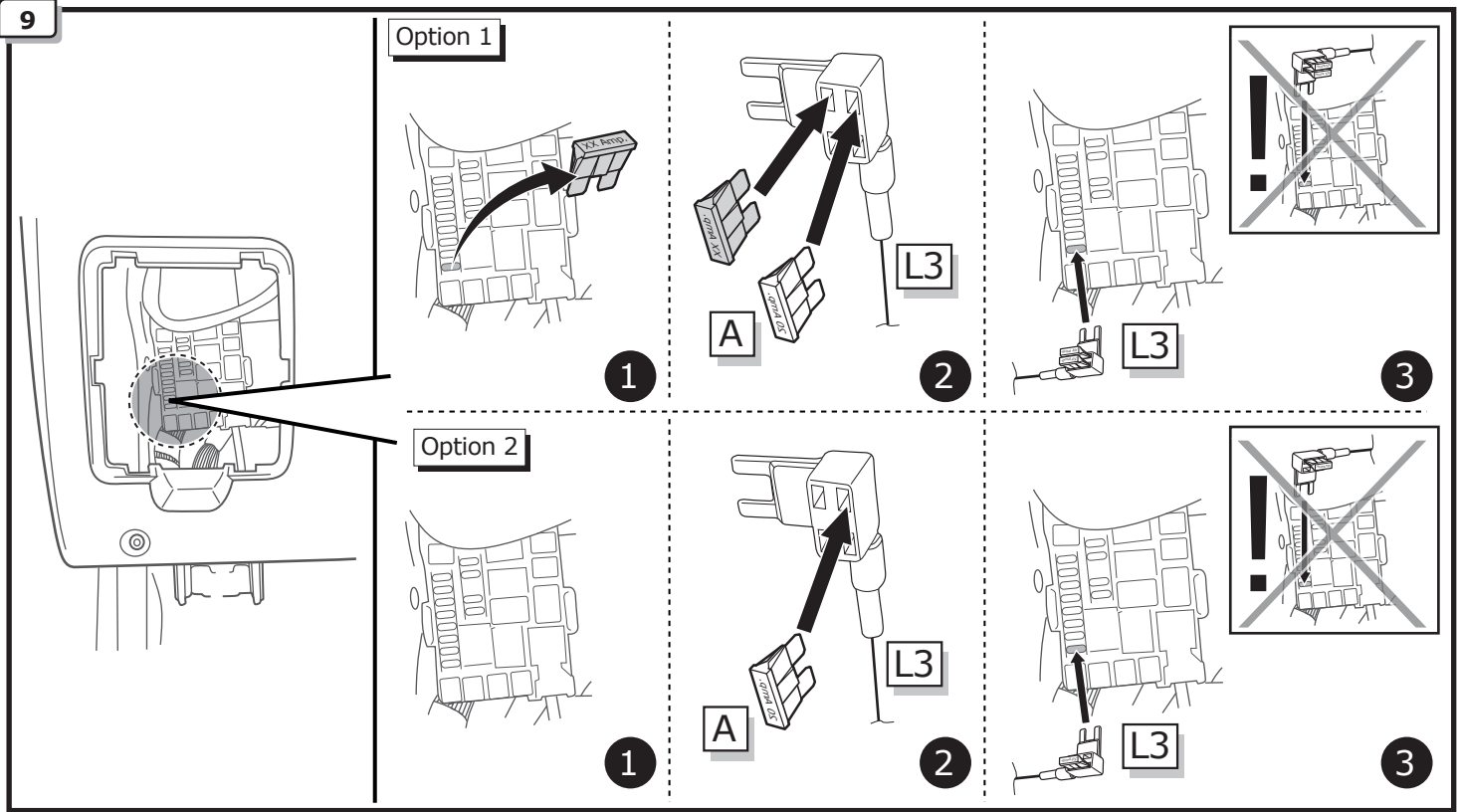
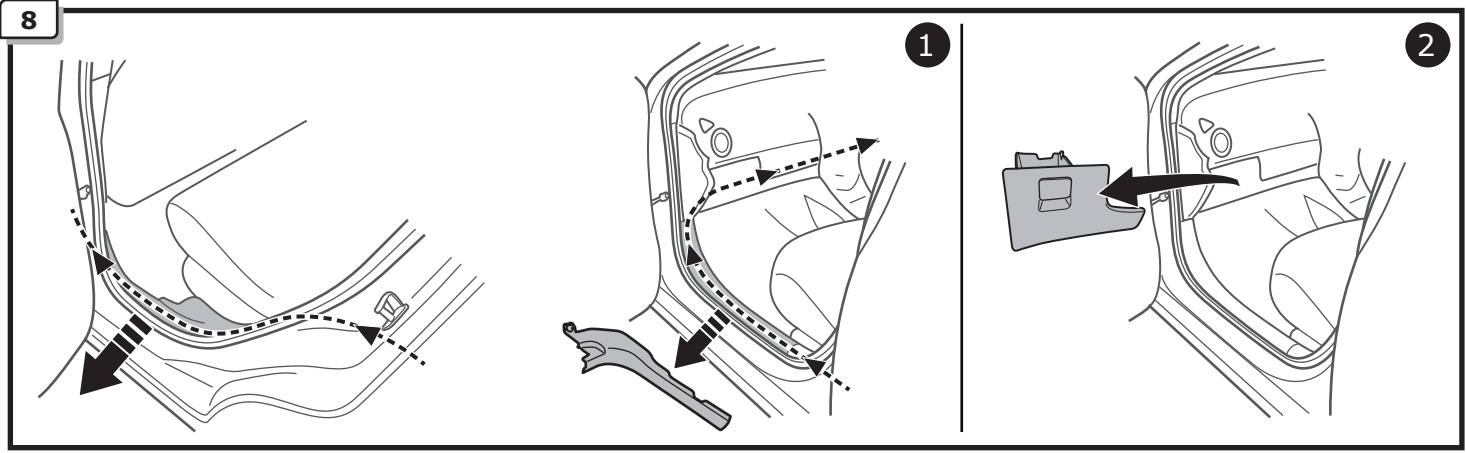
Brown/Yellow

3

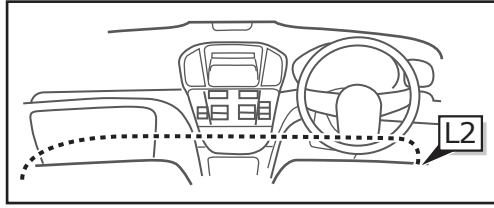
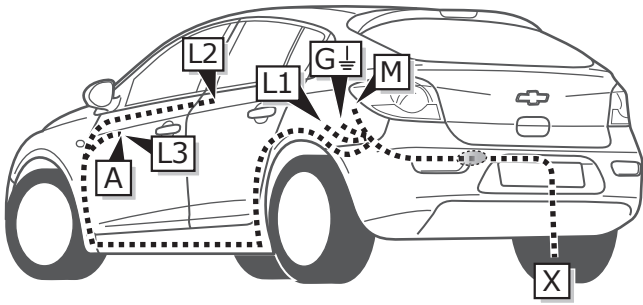


L1

4



INFO

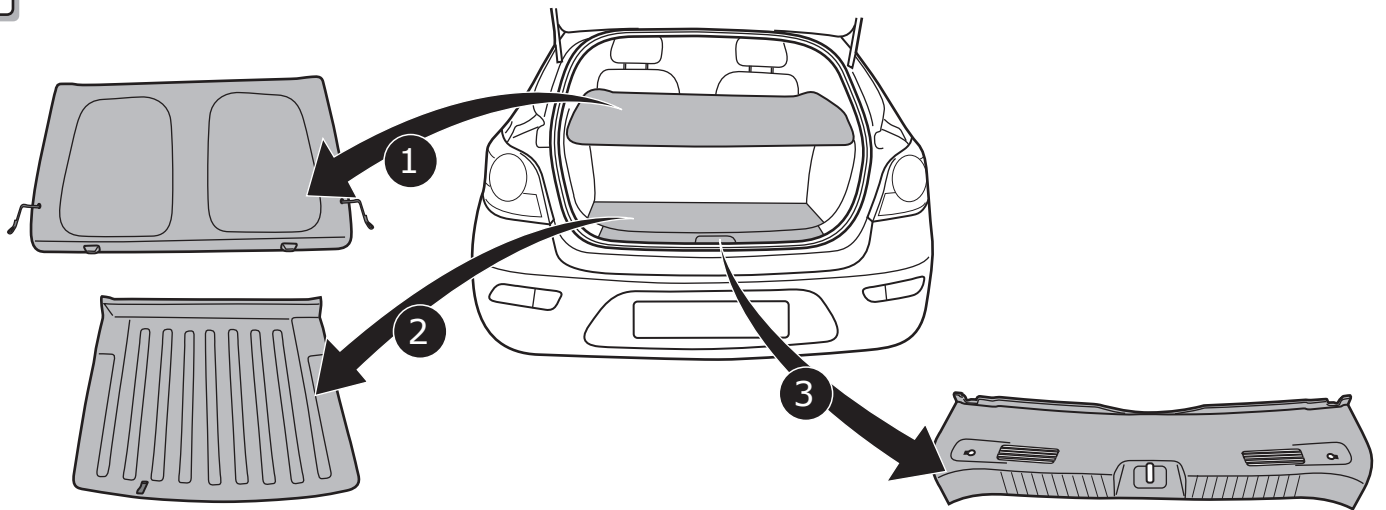


Cruze HB

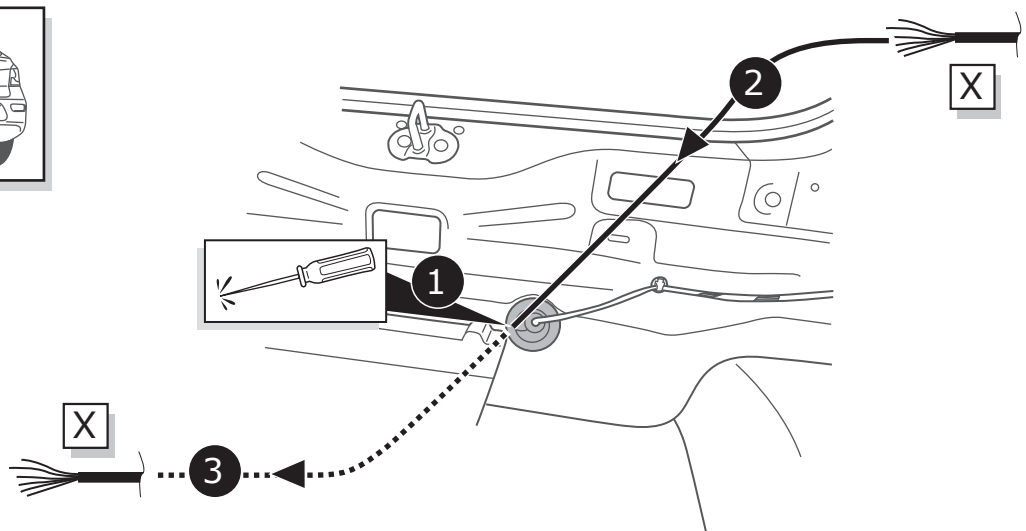
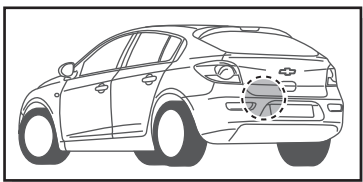
Pag. 24

Pag. 26

1



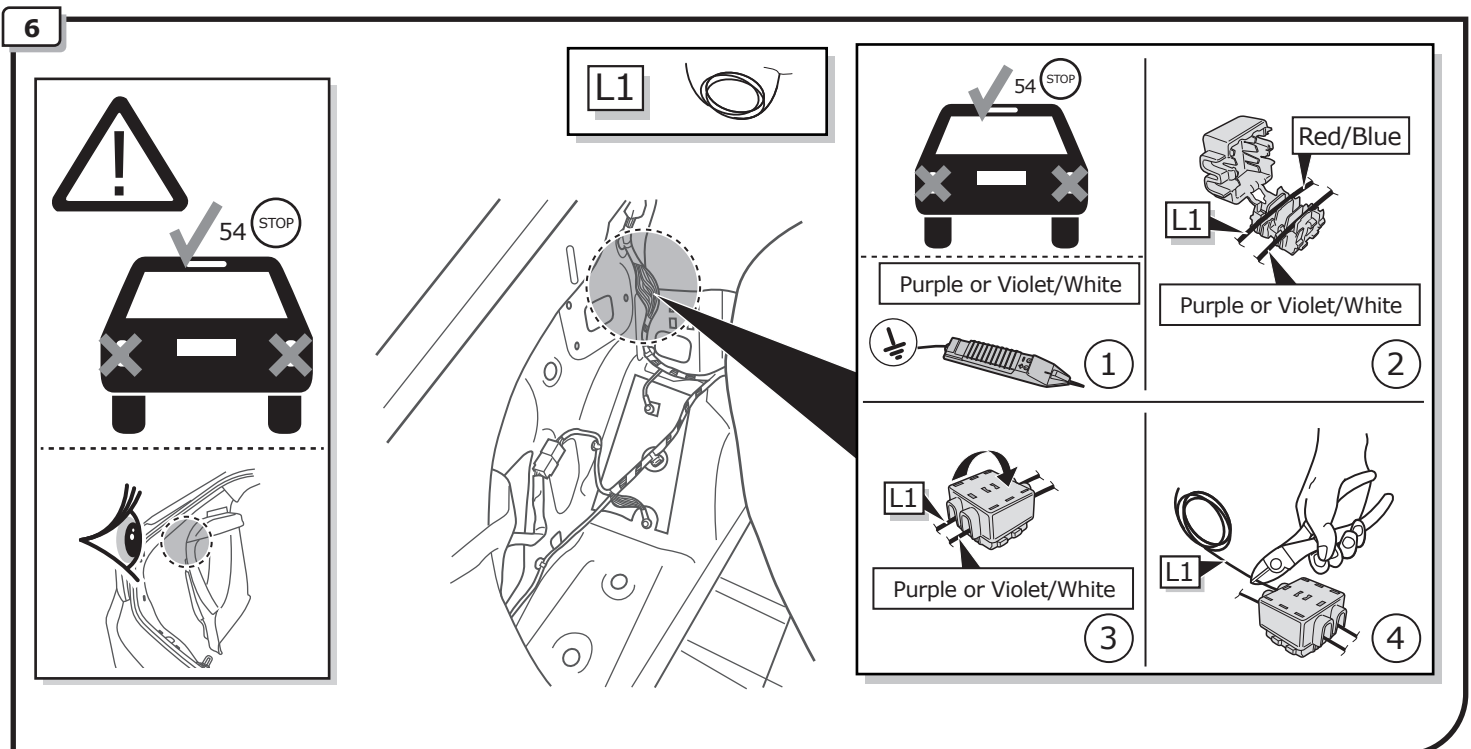
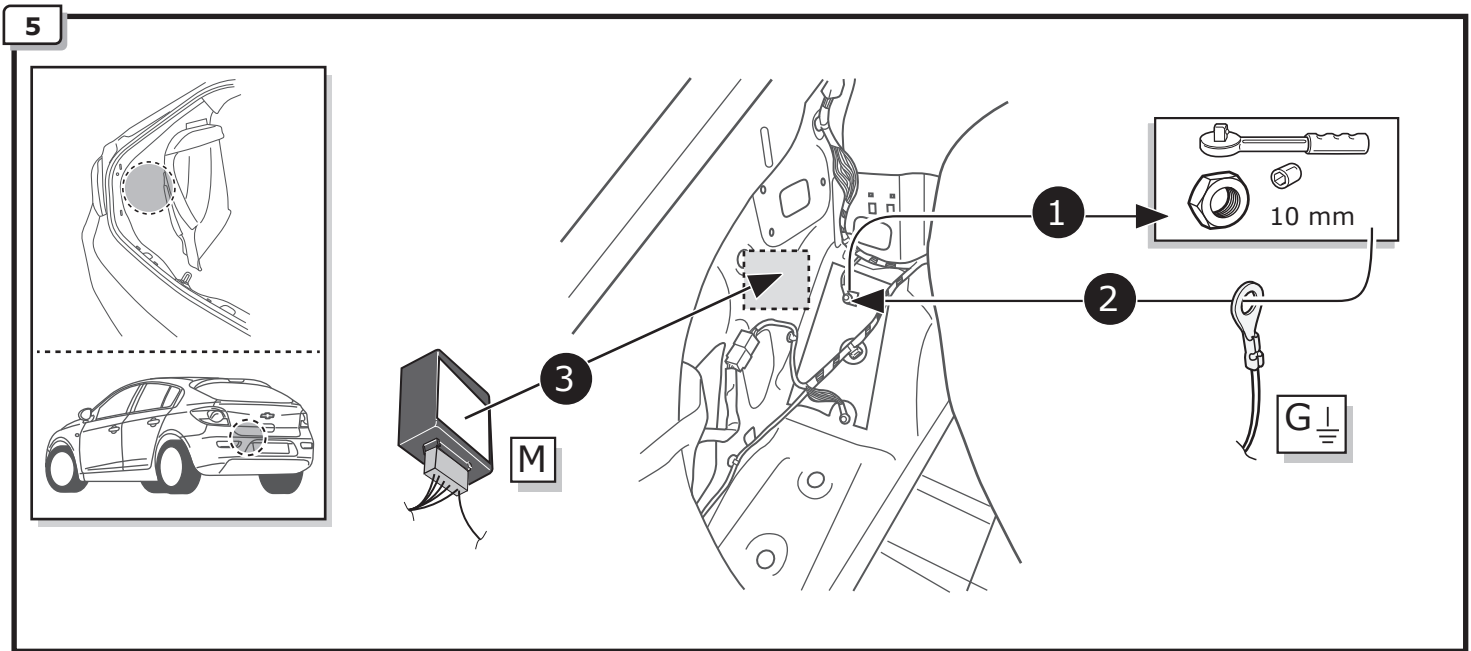
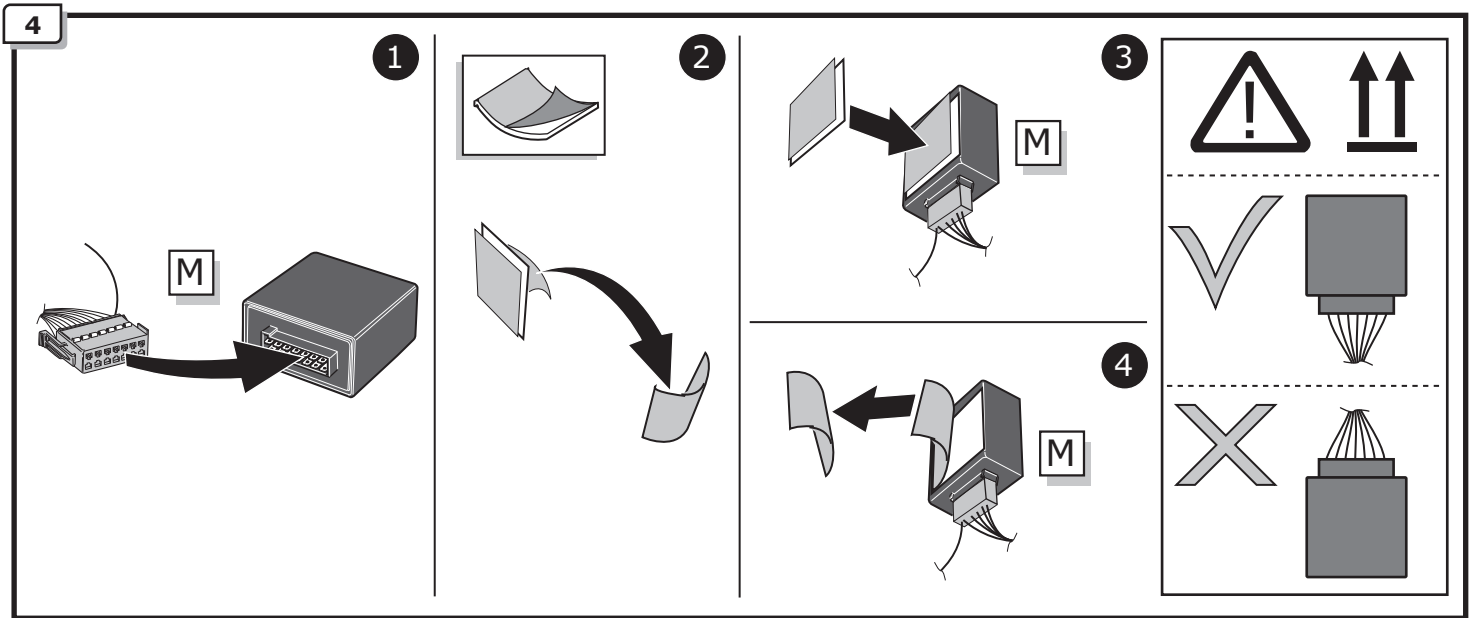
2

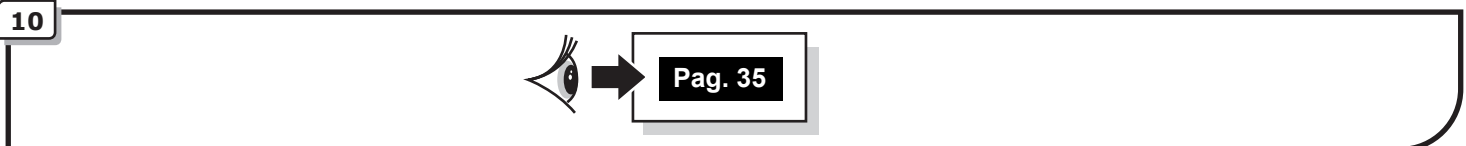
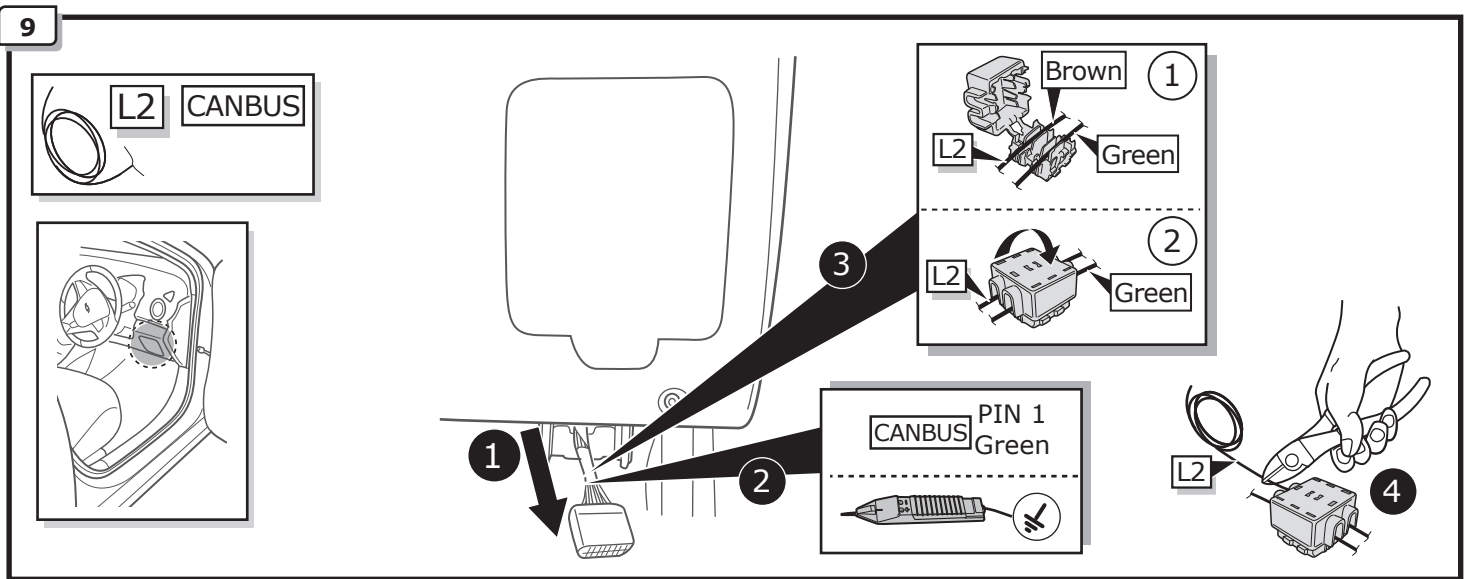
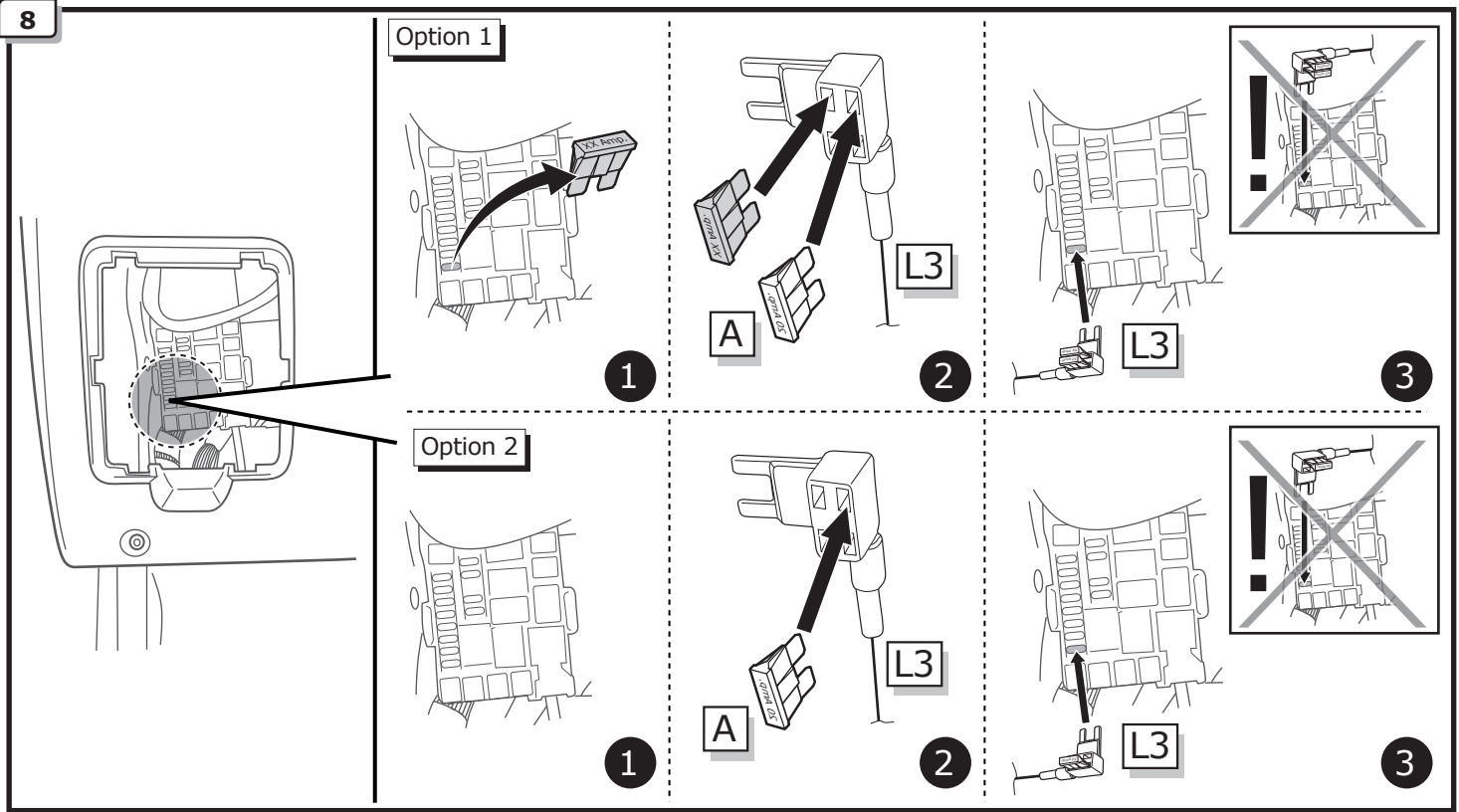
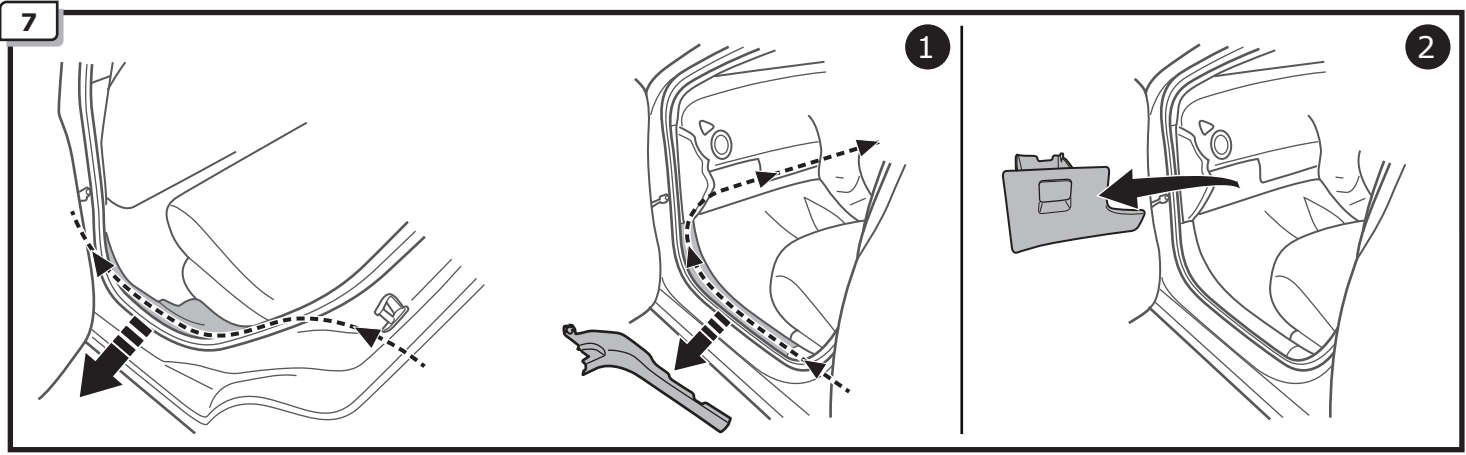


3

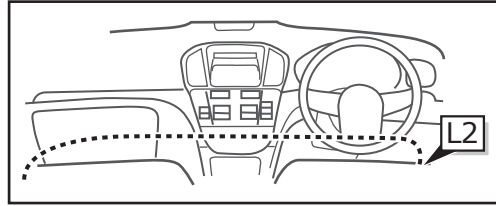
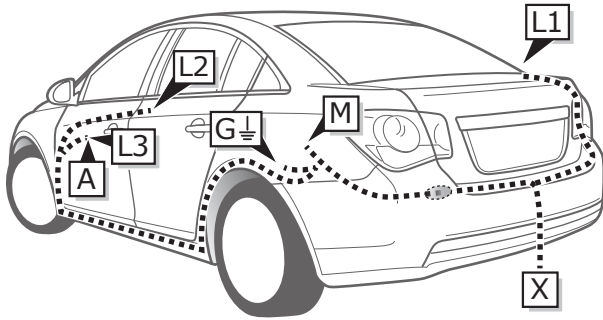


Pag. 34





INFO

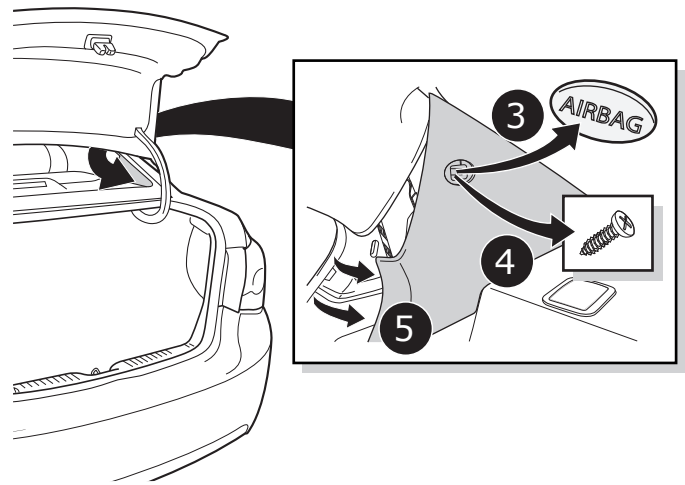
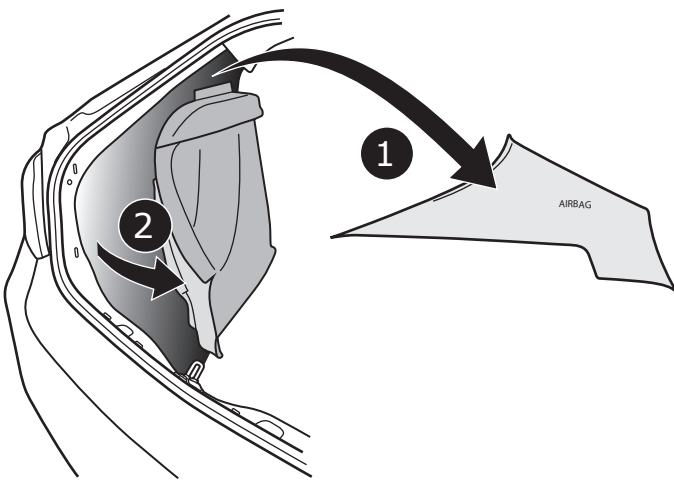


Cruze NB

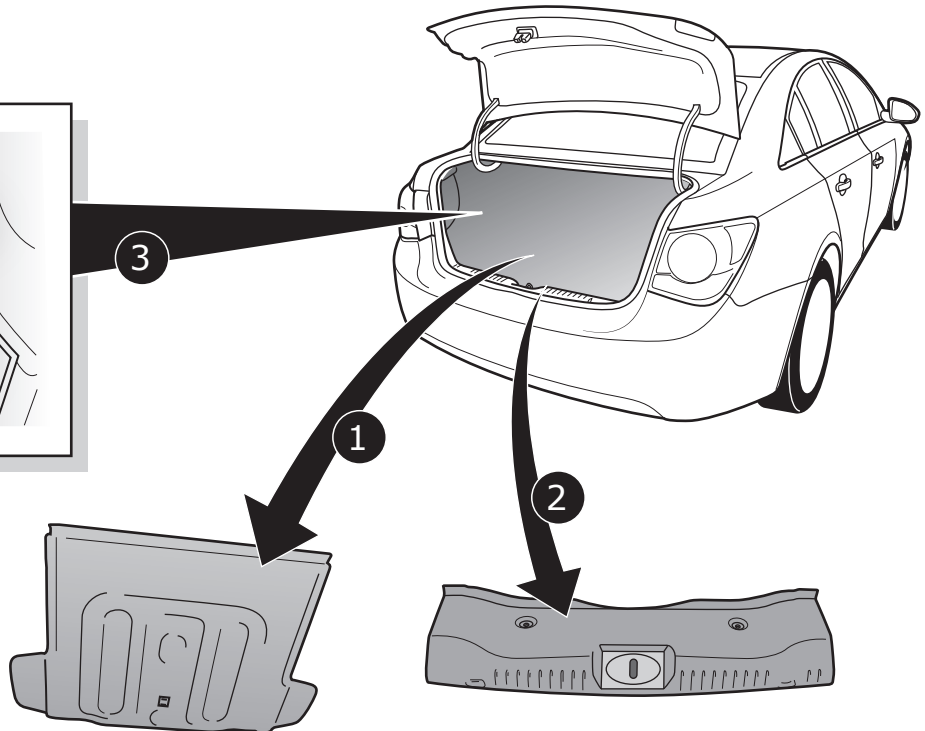
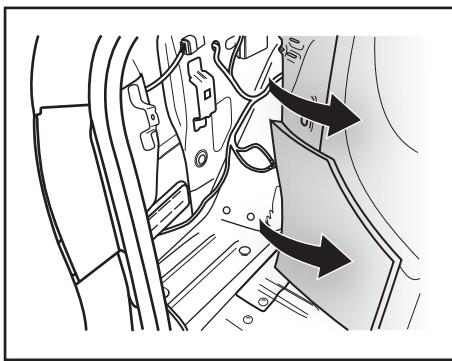
Pag. 27

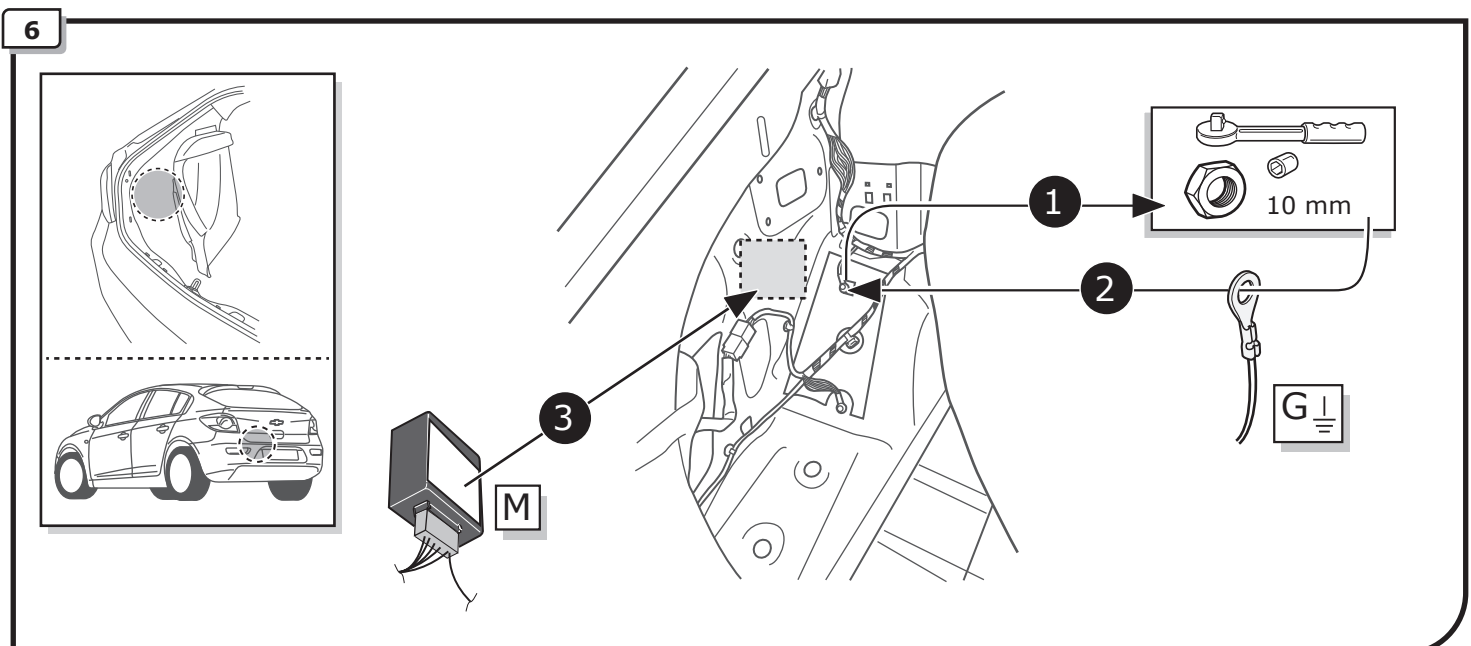
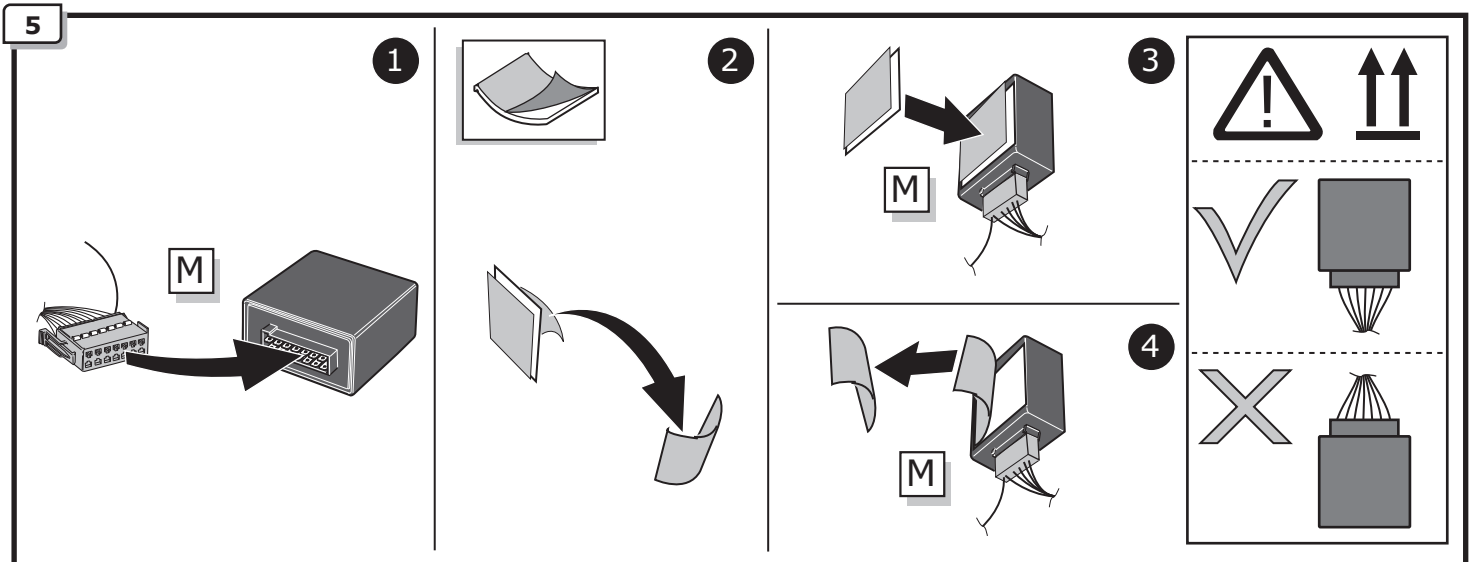
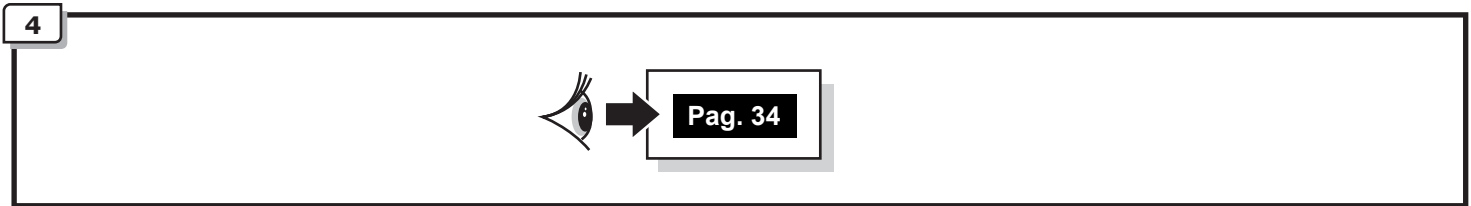
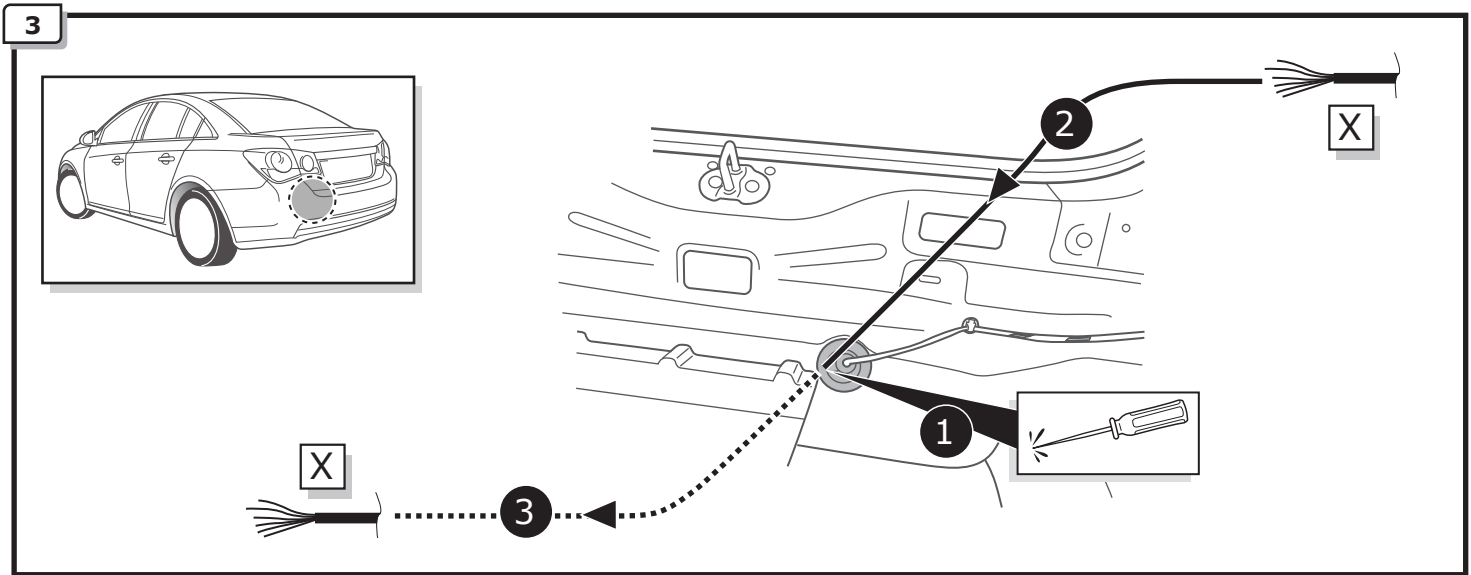
-
Pag. 30

1

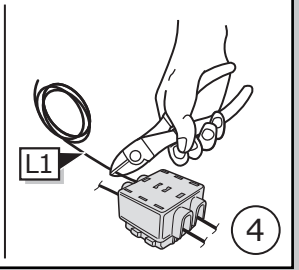
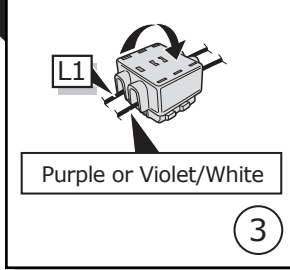
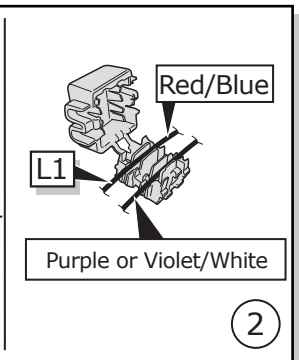
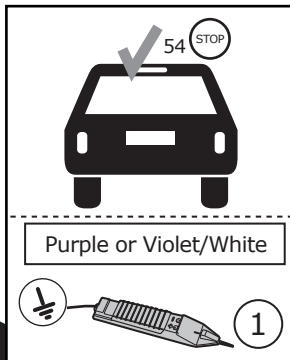
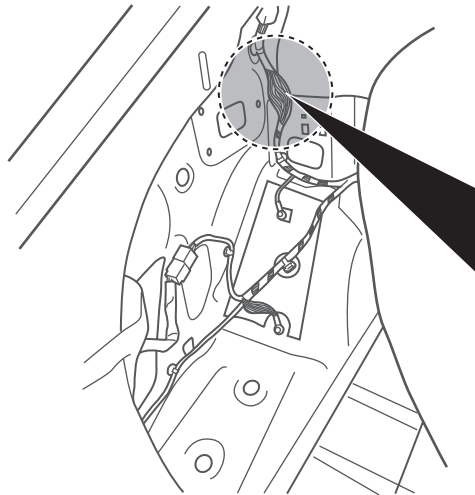
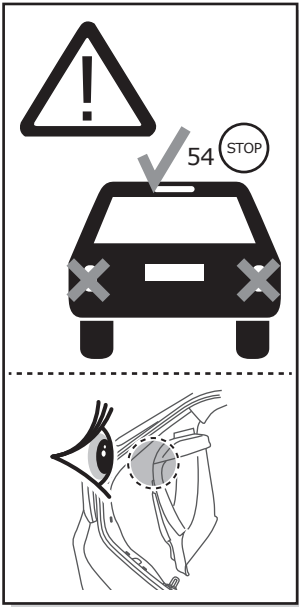


2

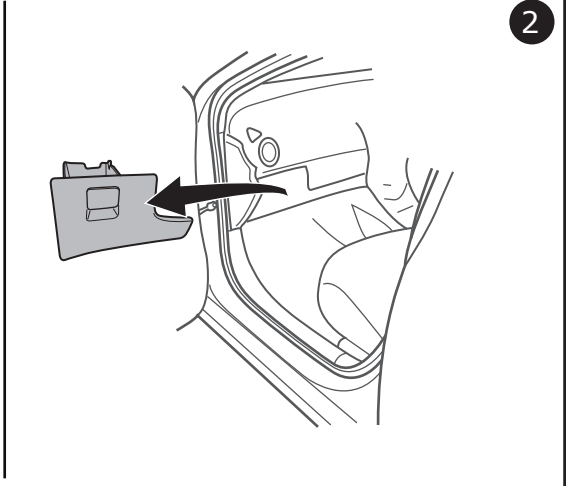
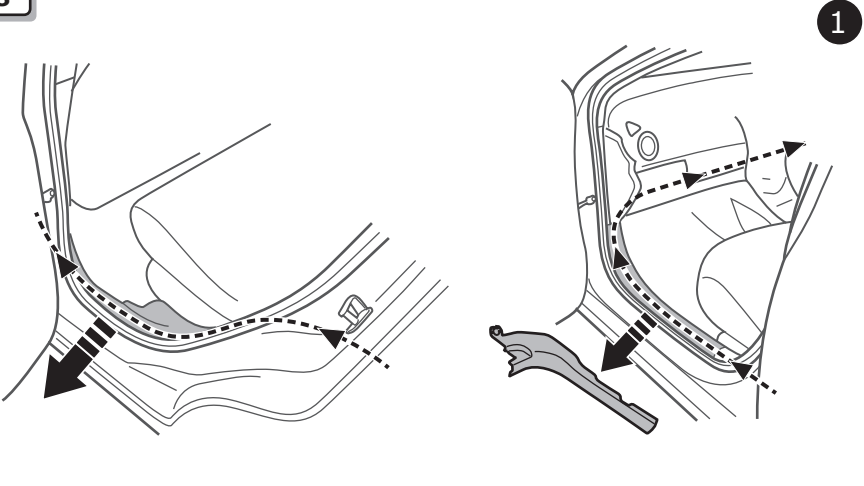




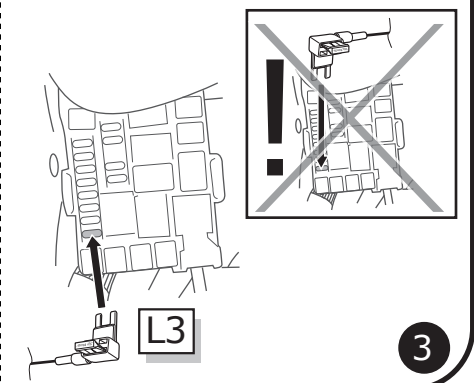
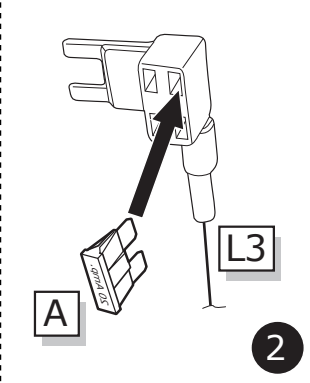
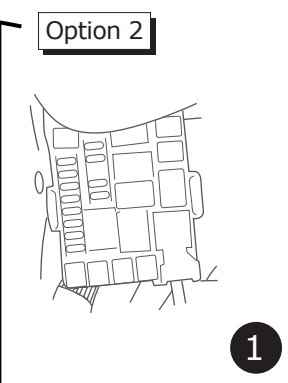
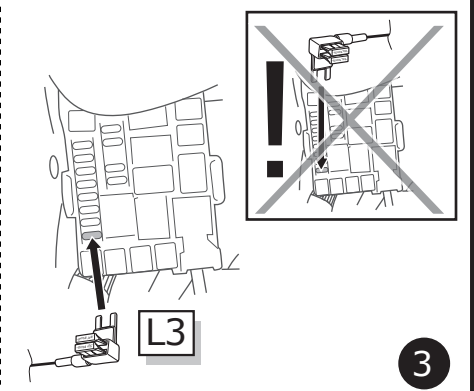
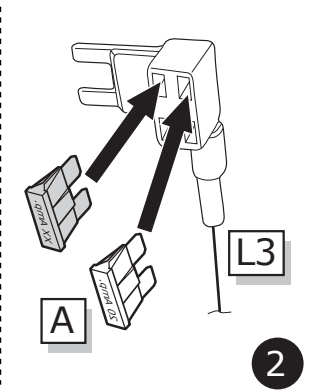
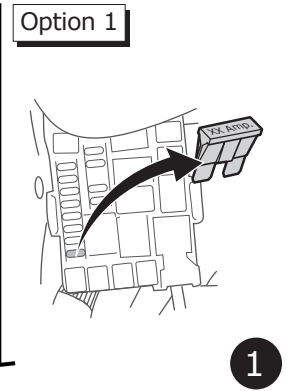
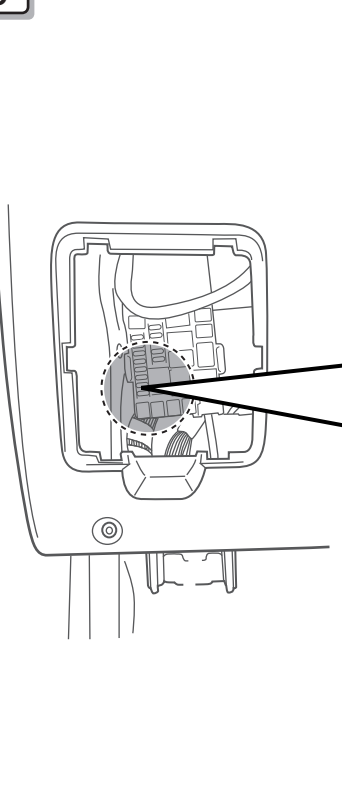
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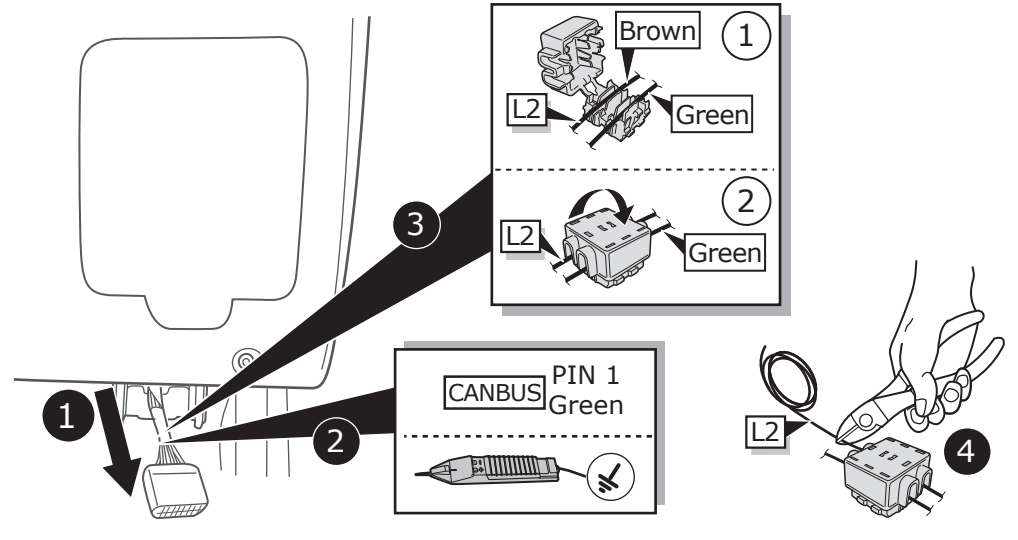
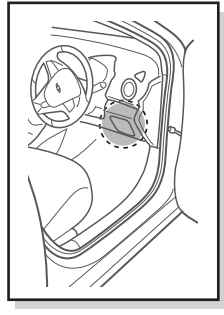
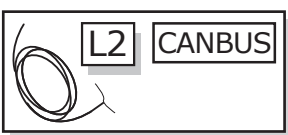
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9



10



11

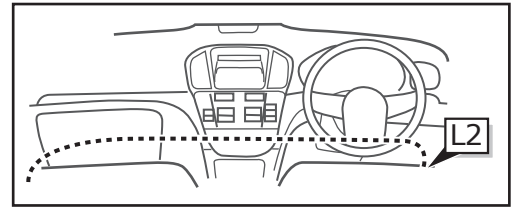
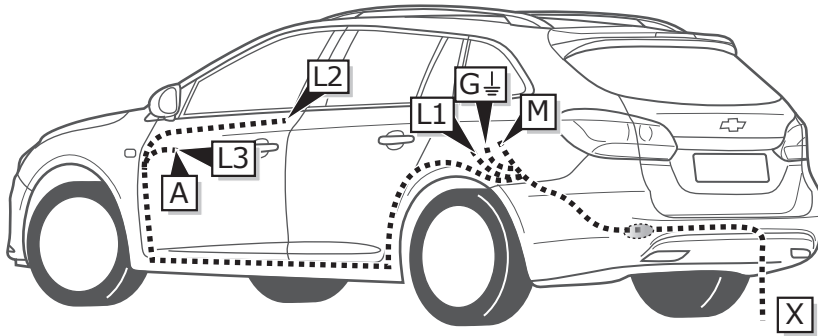


INFO

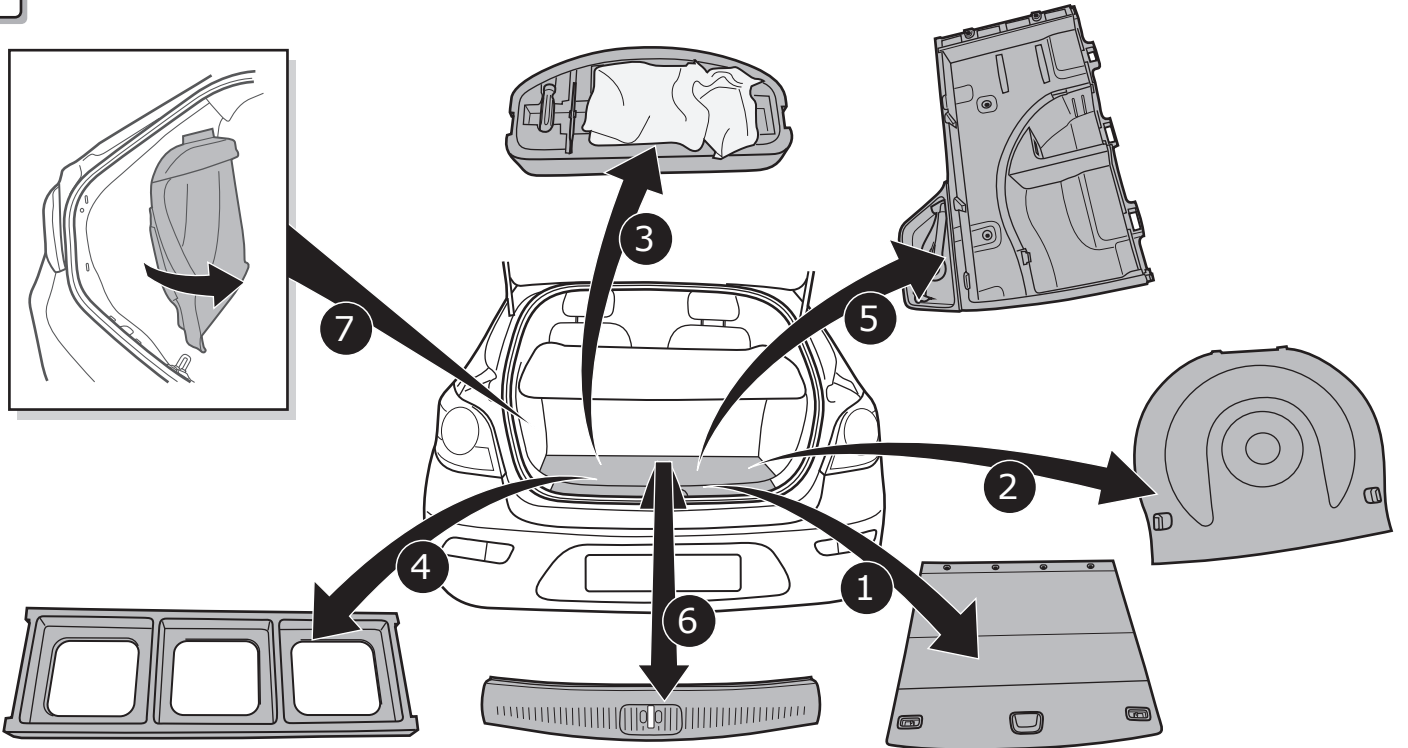
Cruze SW

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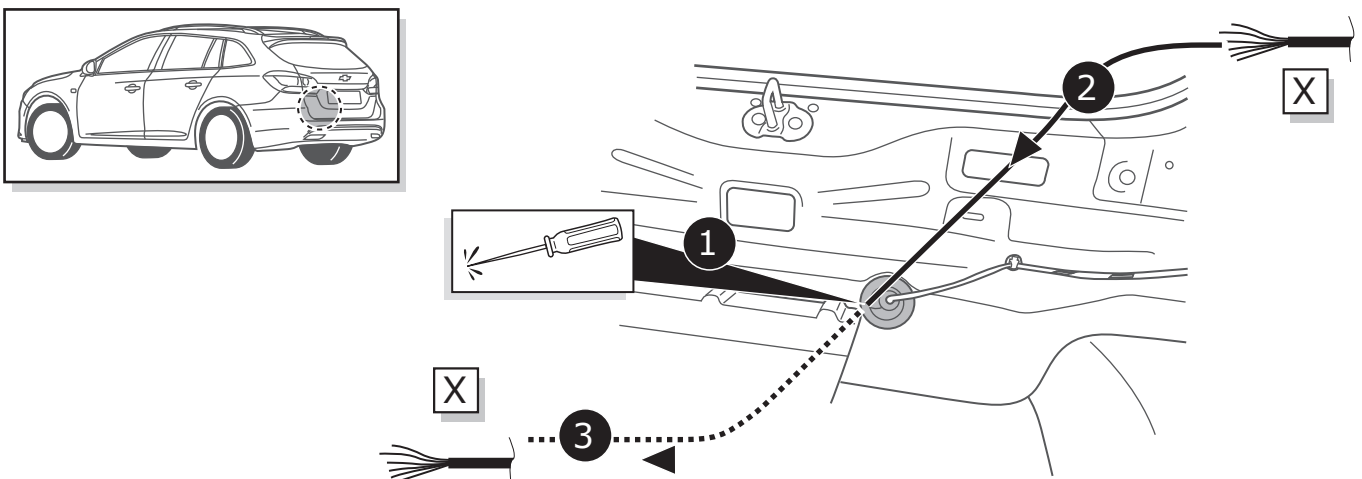
Pag. 33



1



2



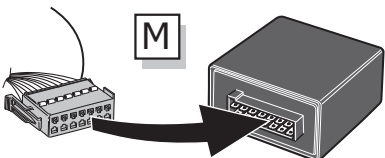
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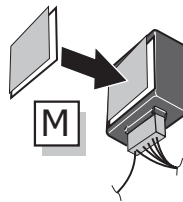
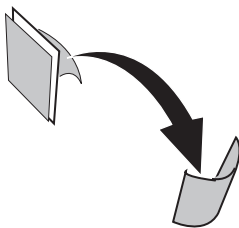
Pag. 34

4

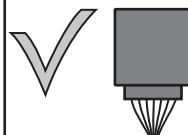
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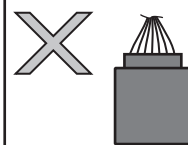
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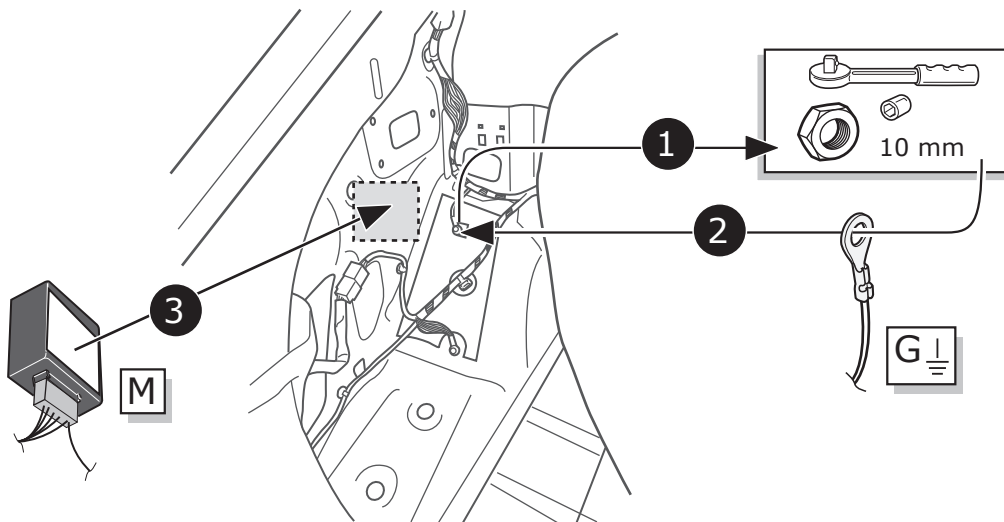
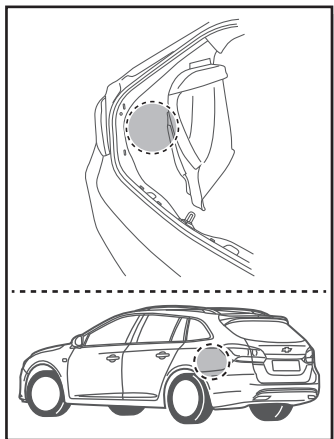
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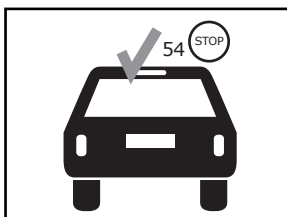
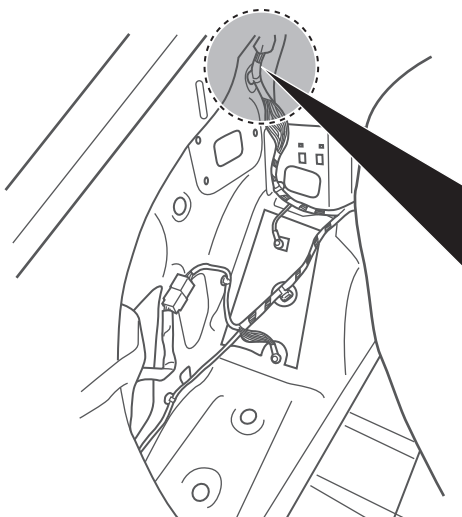
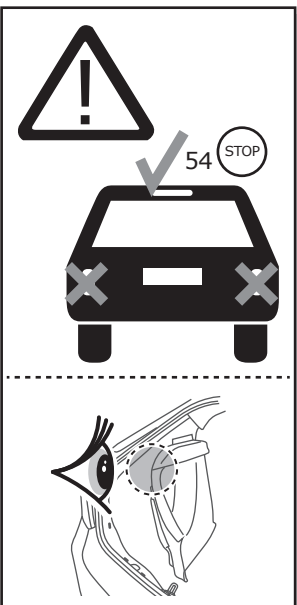
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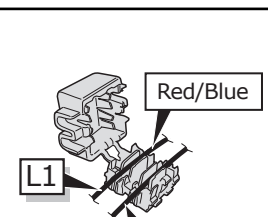
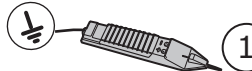
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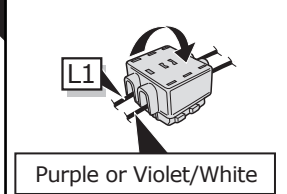
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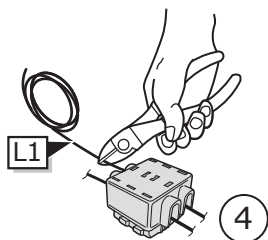
Purple or Violet/White

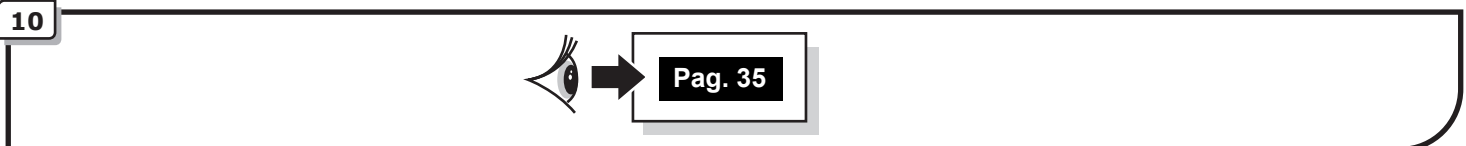
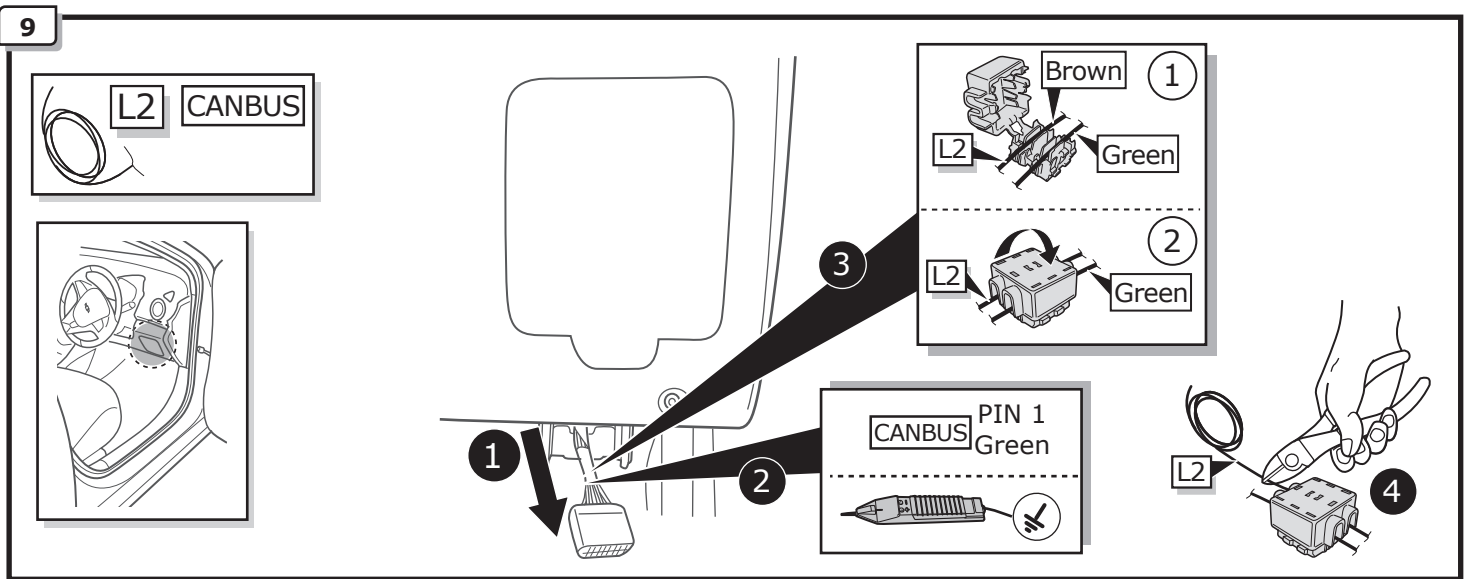
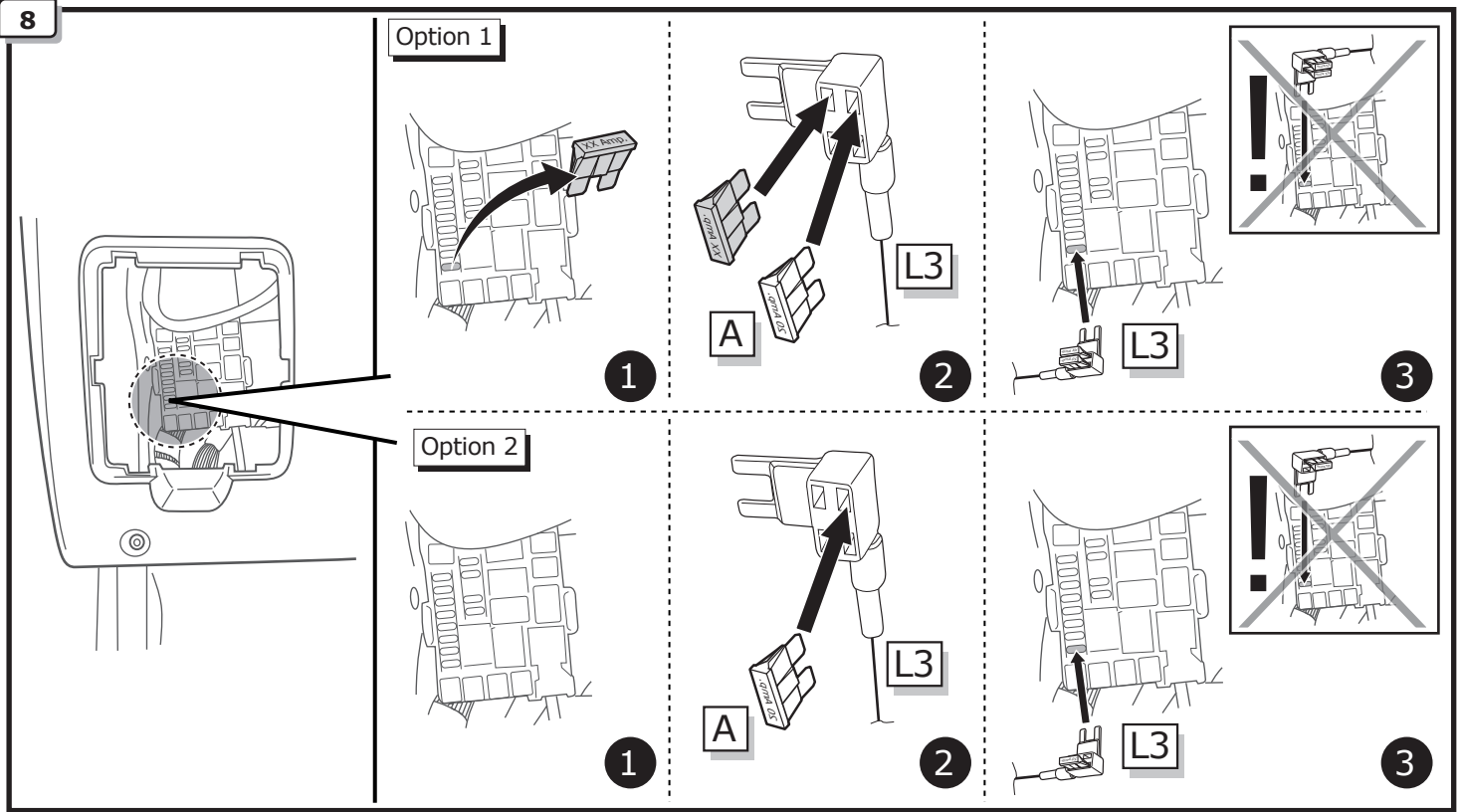
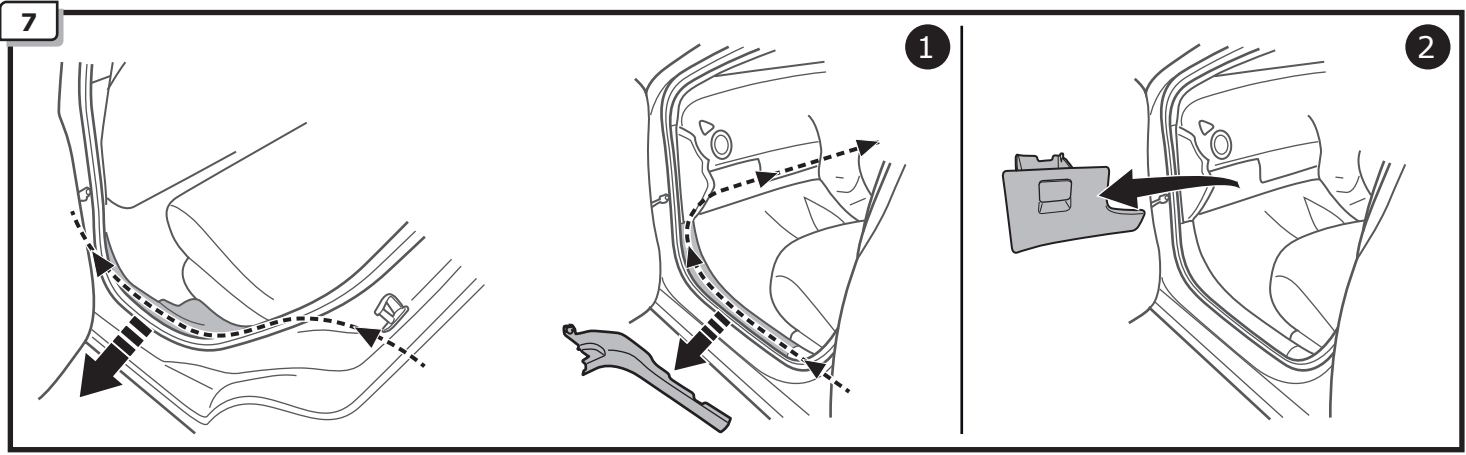


Purple or Violet/White

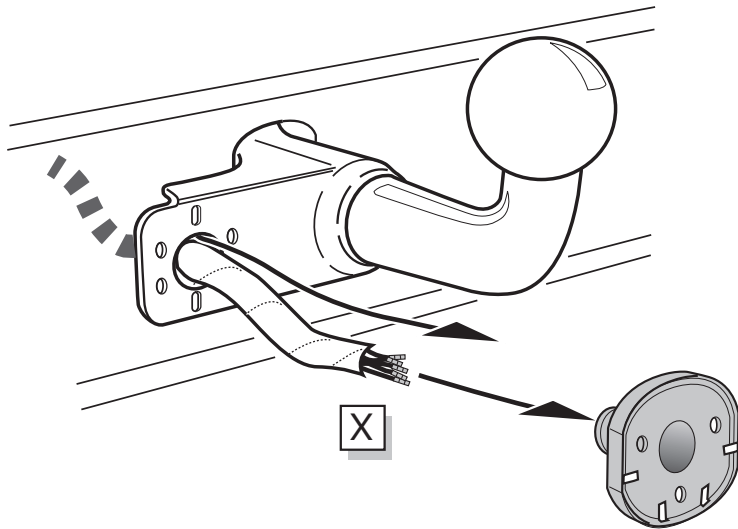


Purple or Violet/White





A

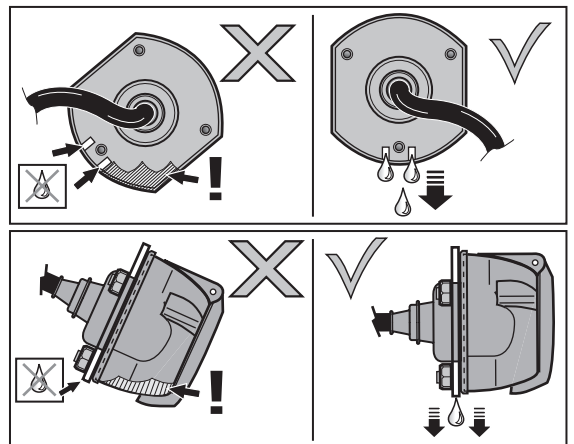
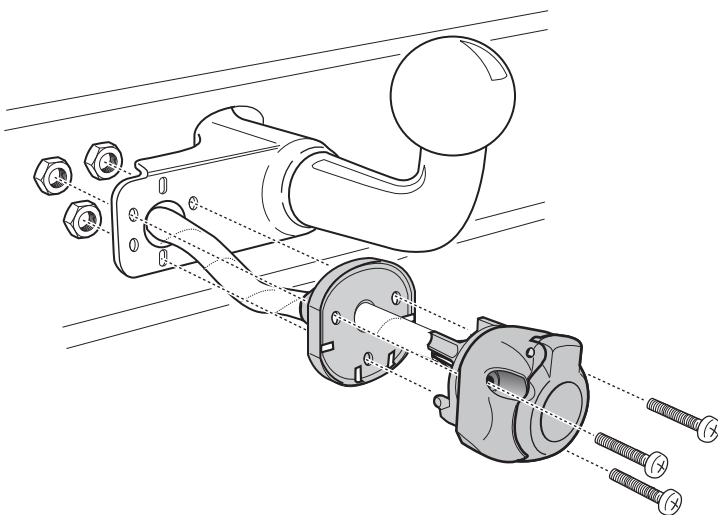


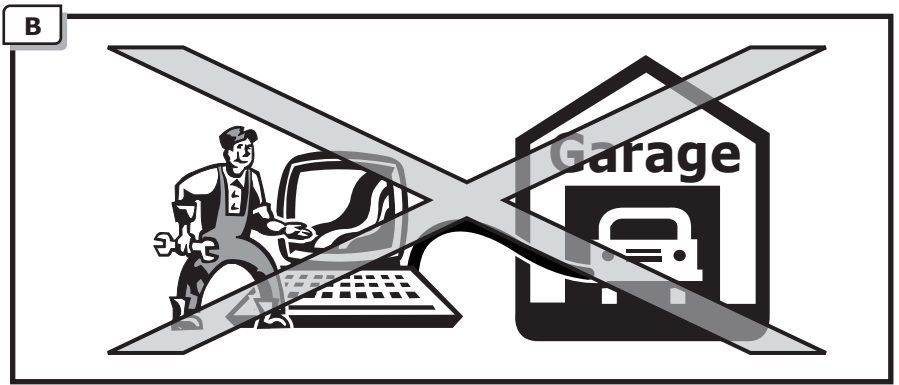
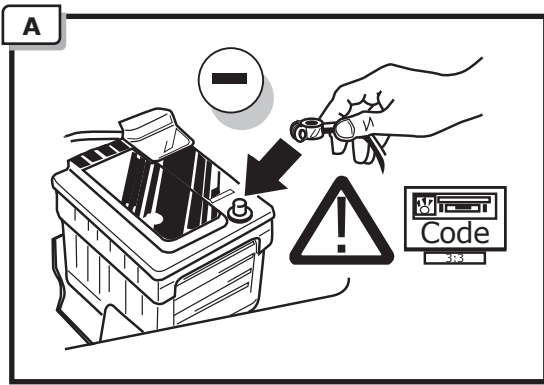
INFO

SOCKET CONNECTION 

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B



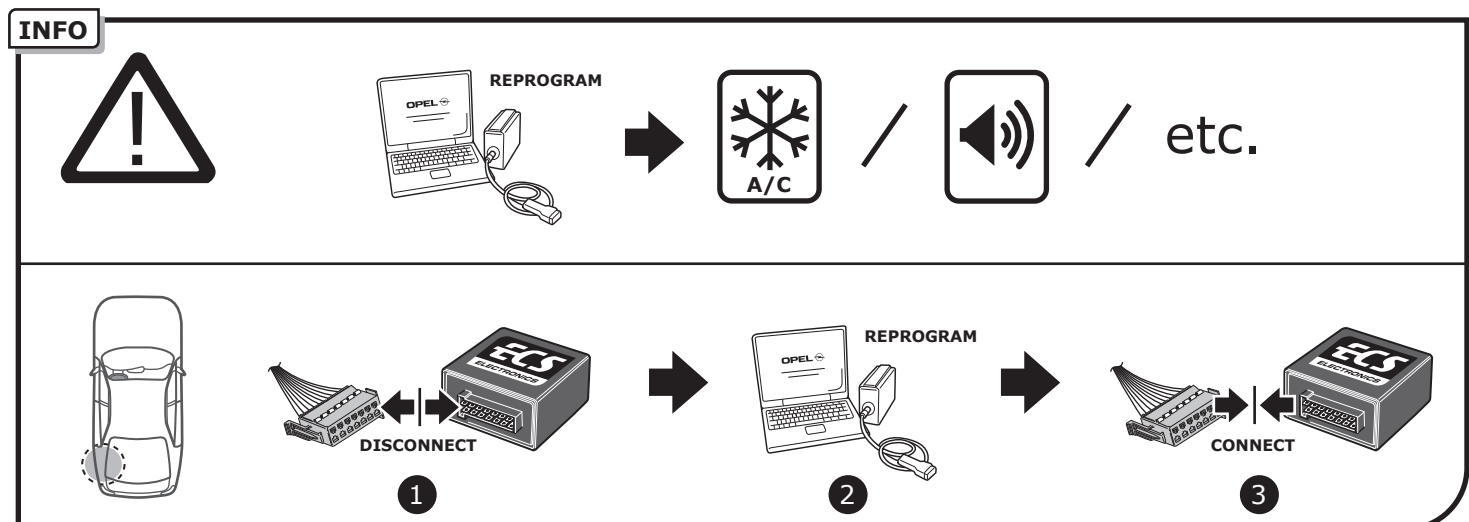
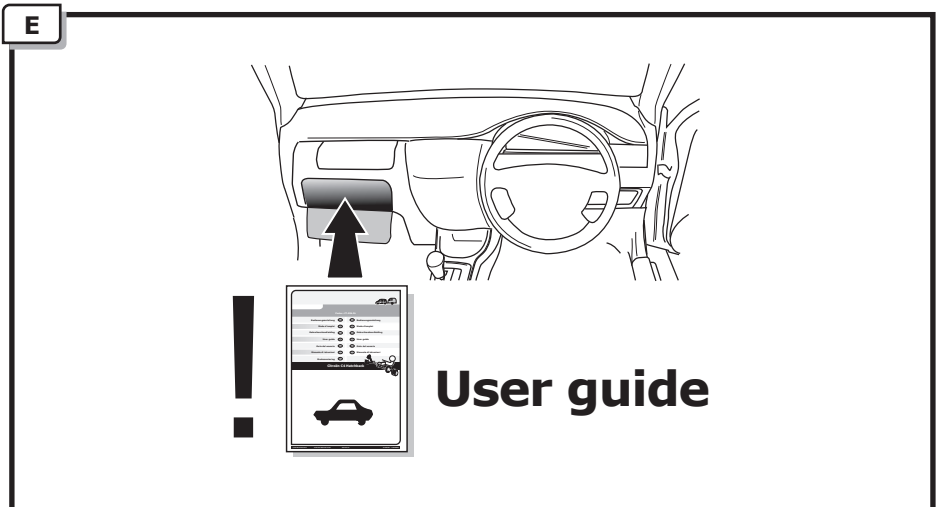


C

! 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

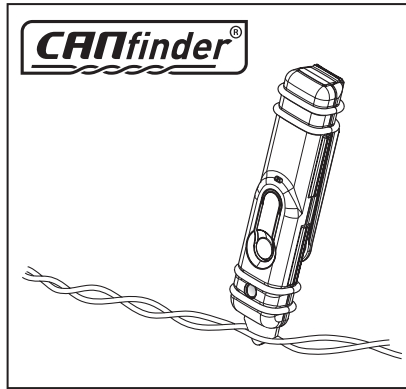
TECHNICAL SUPPORT

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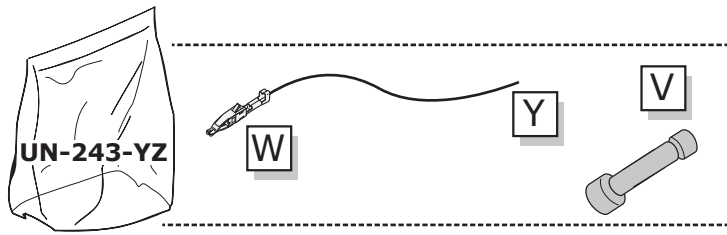
INFO

SOCKET CONNECTION

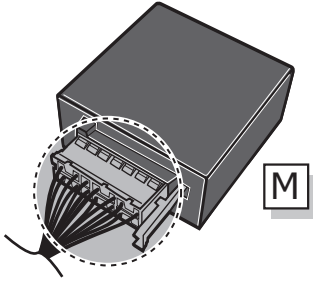
| | | | | | | | |
|---------------------|--------|------|-------|-------|--------|-------|--------|
| DIN/ISO 1724 | | | | | | | |
| | 1/L | 2 | 3/31 | 4/R | 5/58-R | 6/54 | 7/58-L |
| Pmax | 21W | 21W | | 21W | 42W | 3x21W | 42W |
| Colour | Yellow | Blue | White | Green | Brown | Red | Black |

UN-243-YZ Reverse lamp pre-wire extension

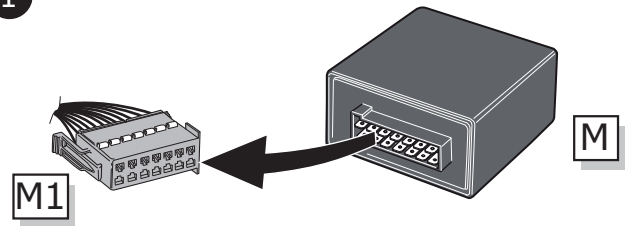
⚠ MAX = 21W



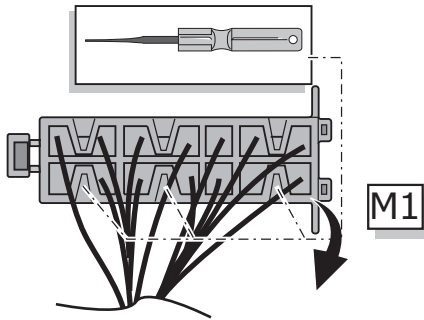
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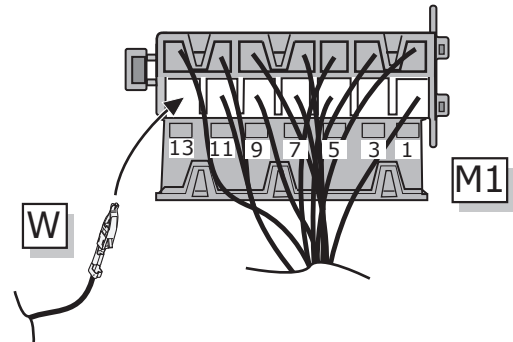
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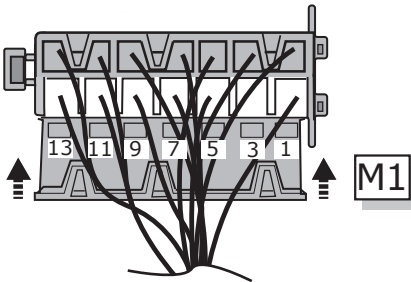
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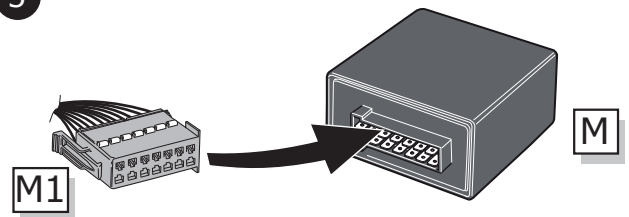
3



4



5



B

⚠ MAX = 21W

