

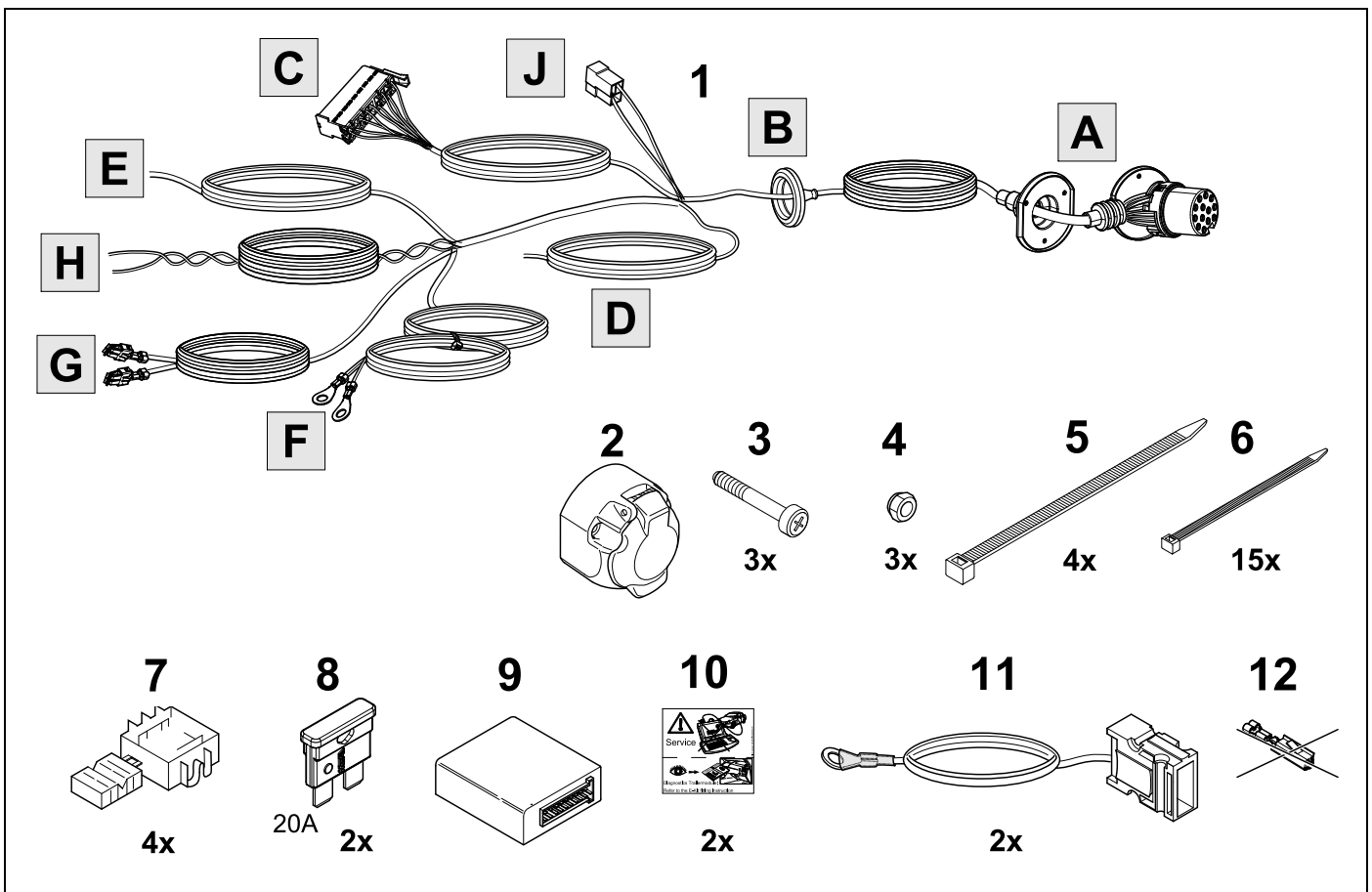
**BMW 3-Serie Limousine**  
**BMW 3-Serie Touring**

**F30**  
**F31**

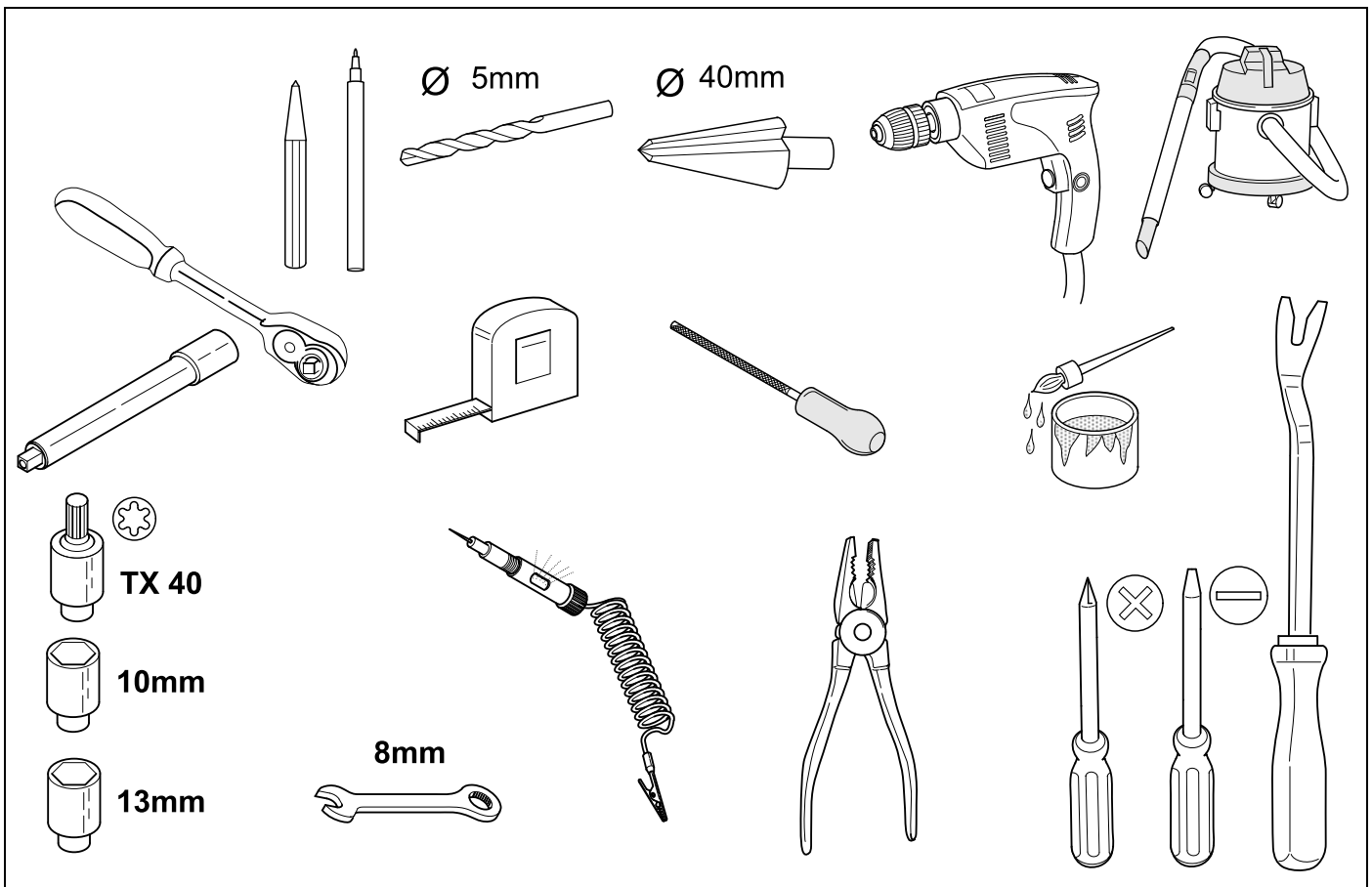
**03/14 >> 02/19**  
**03/14 >>**



- D** Einbauanleitung  
Elektro-Einbausatz für Anhängerkupplung / 13-polig / 12 Volt / ISO 11446
- GB** Fitting instructions  
Electric wiring kit for towbars / 13-pin / 12 Volt / ISO 11446
- F** Instructions de montage  
Faisceau pour attelage / 13 broches / 12 Volt / ISO 11446
- I** Istruzione di montaggio  
Cablaggio elettrico per ganci di traino / 13 poli / 12 Volt / ISO 11446
- E** Instrucciones de montaje  
Kits eléctricos para enganches de remolques / 13 pins / 12 Volt / ISO 11446
- NL** Montagehandleiding  
Elektro-inbouwset voor aanhangerkoppeling / 13-polig / 12 Volt / ISO 11446

**KIT**

## TOOLS



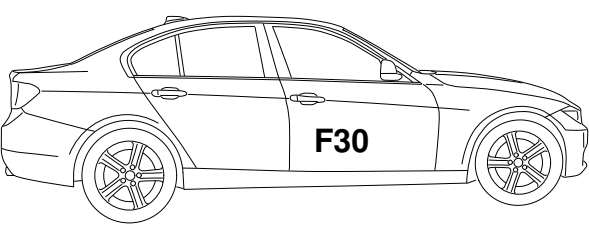
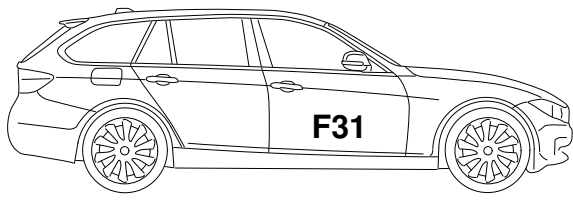


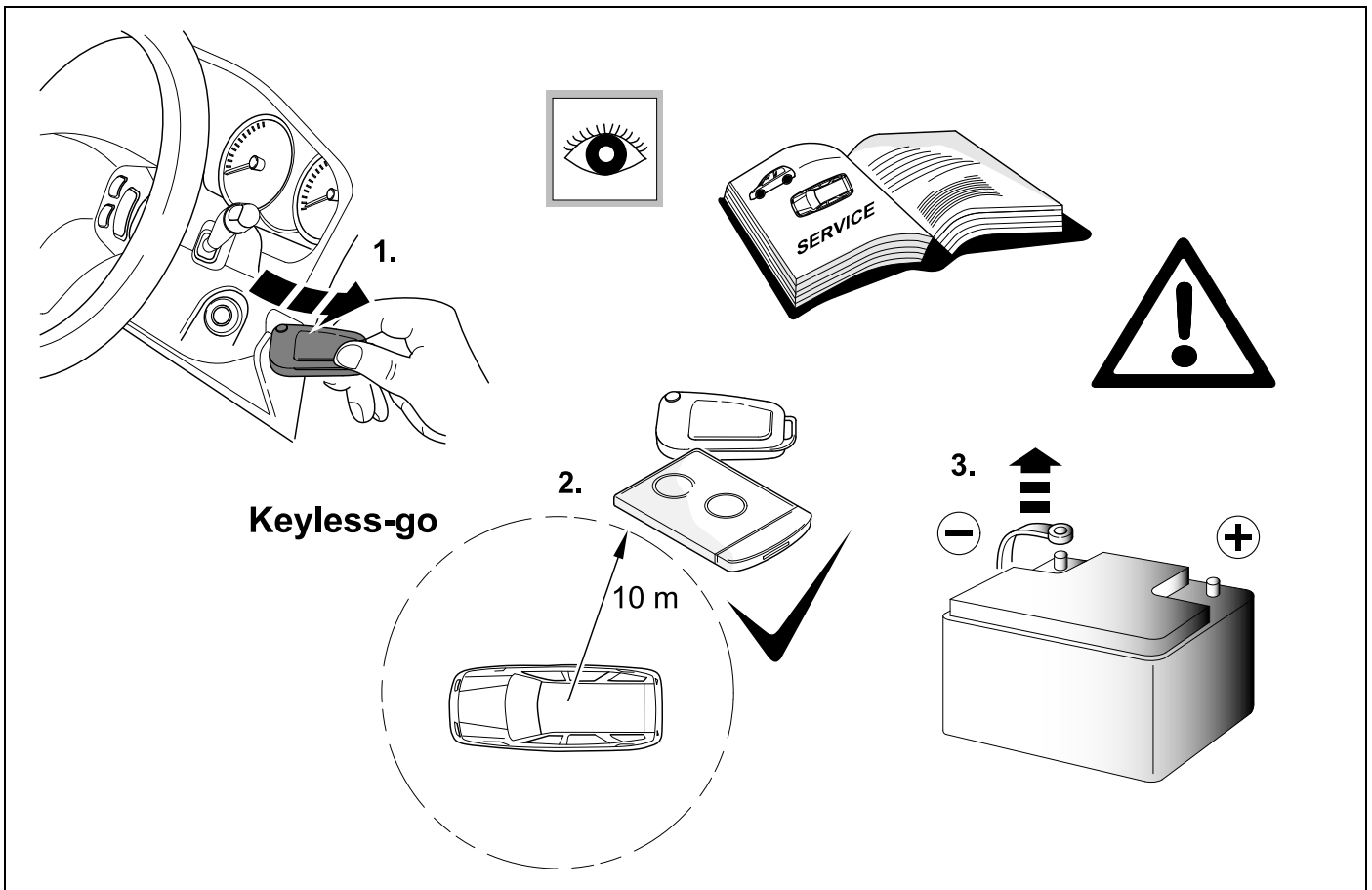
WWW  www.jaeger-automotive.de

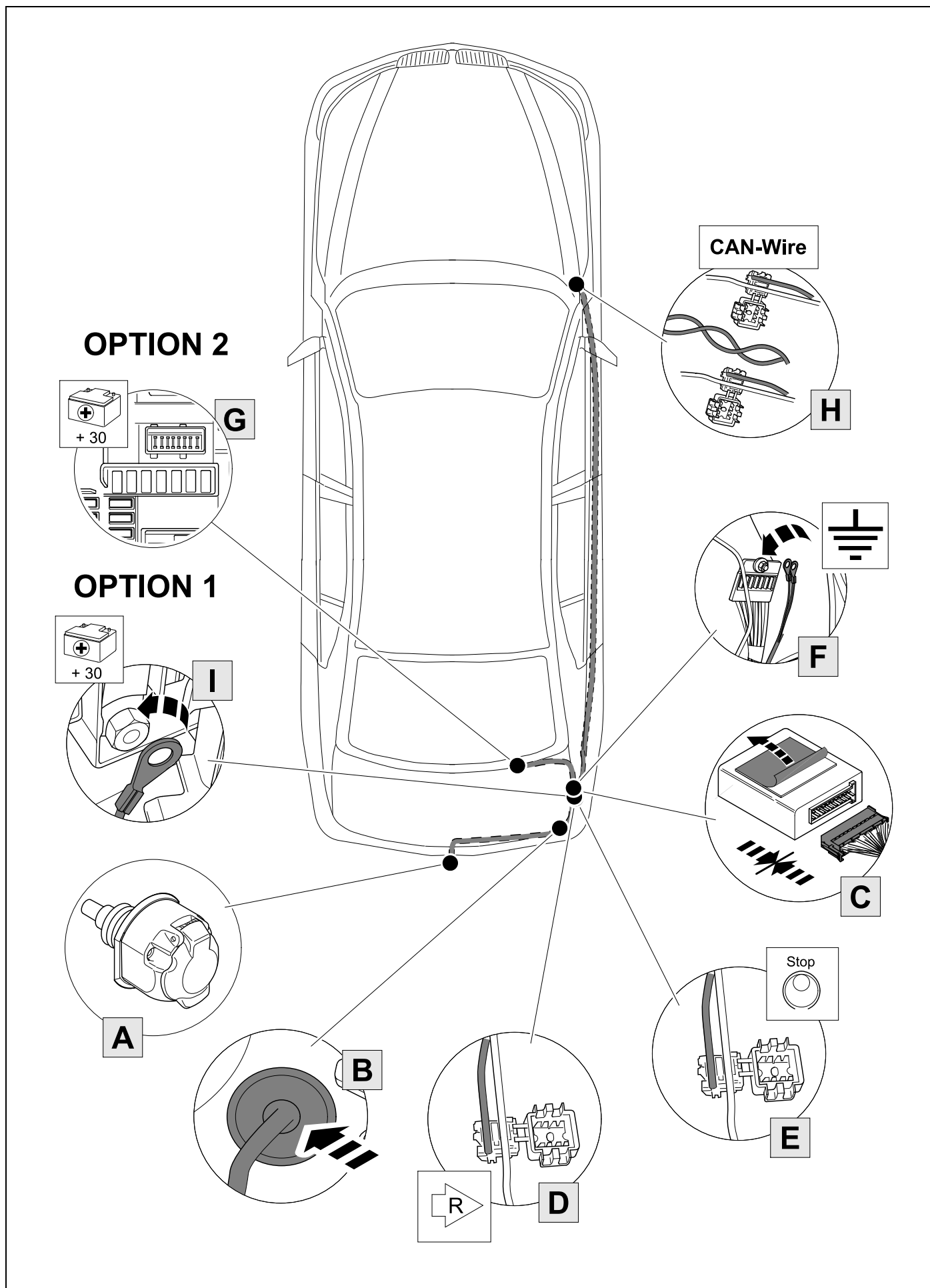


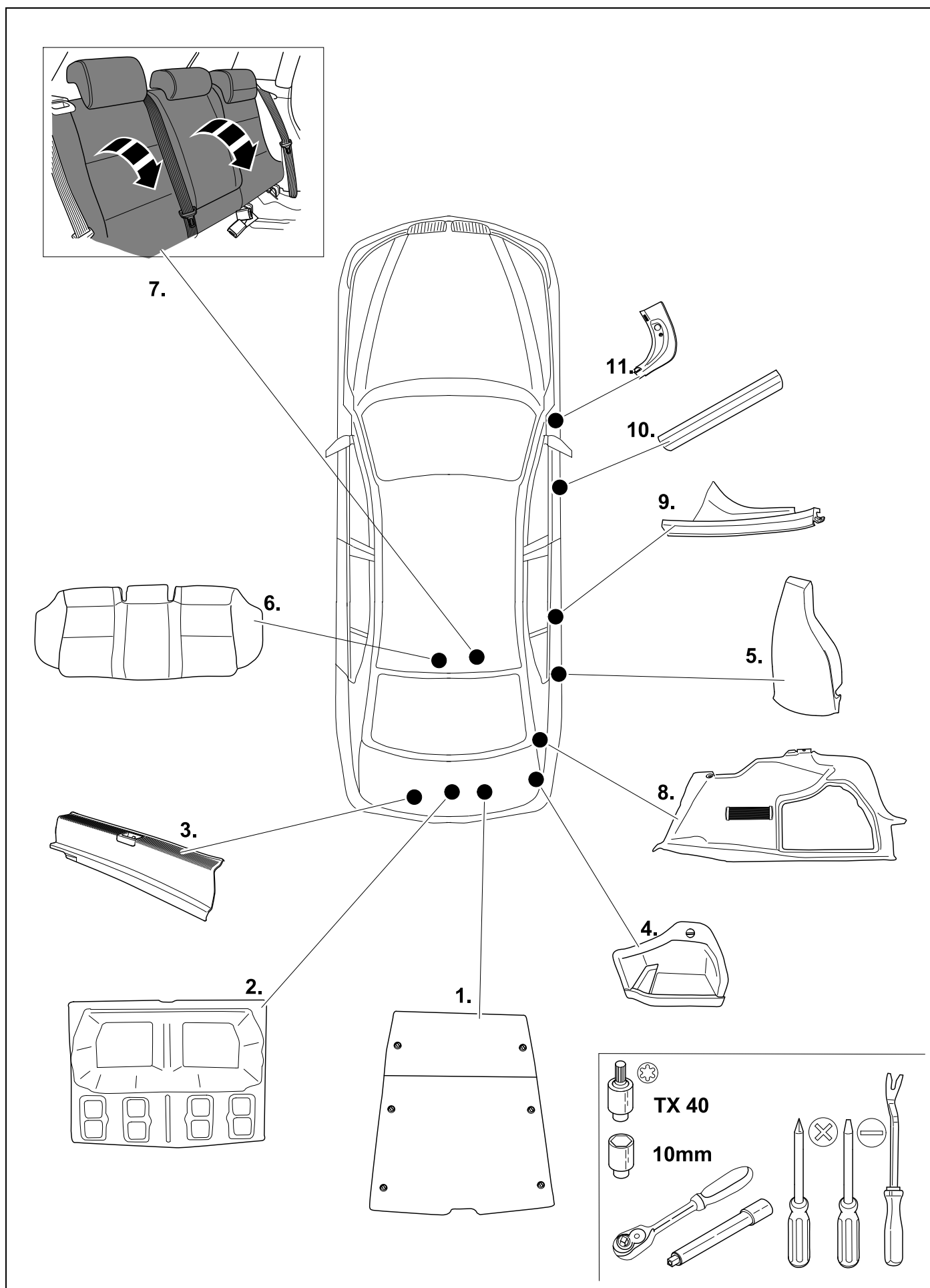
**HOTLINE** +49 5246 921019  
support@jaeger-automotive.de

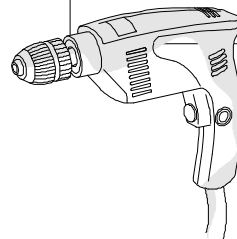
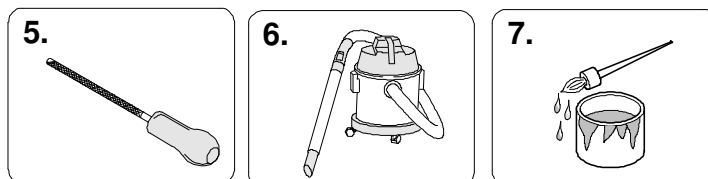
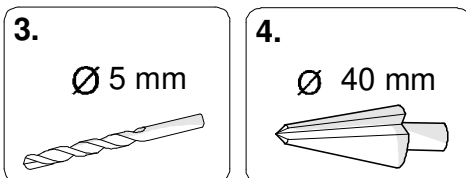
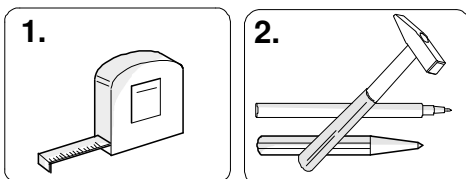
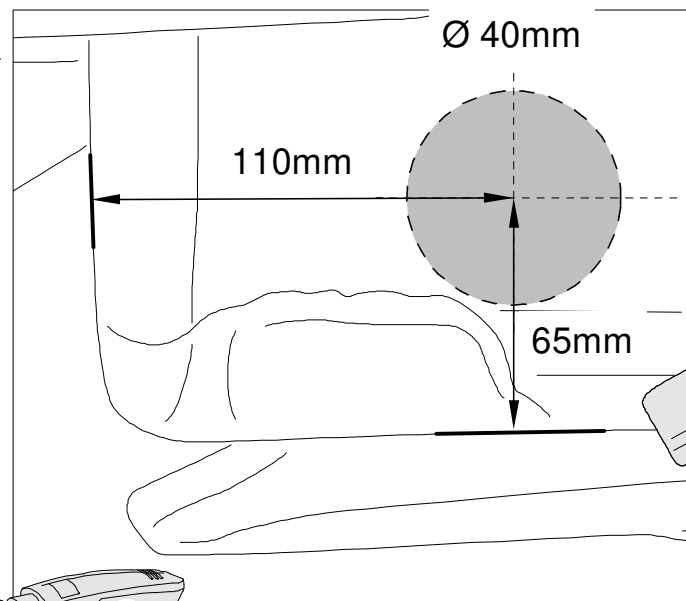
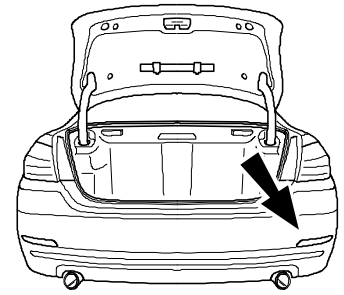
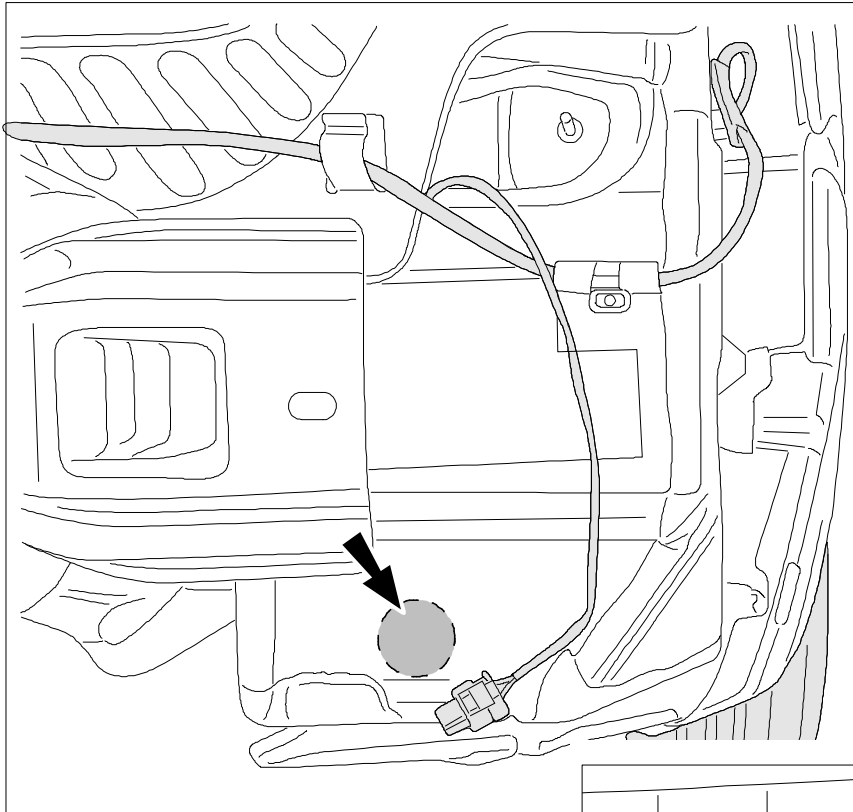
## OVERVIEW

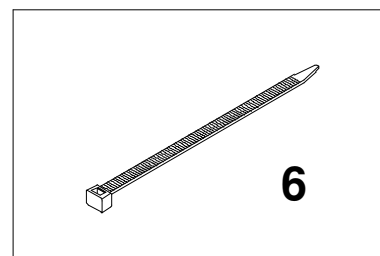
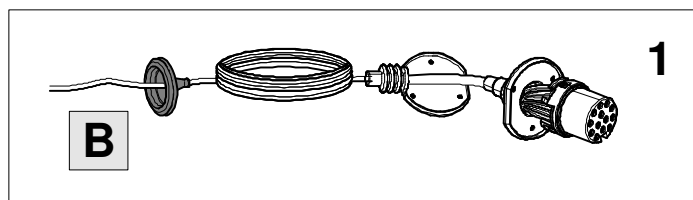
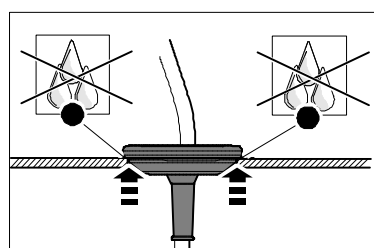
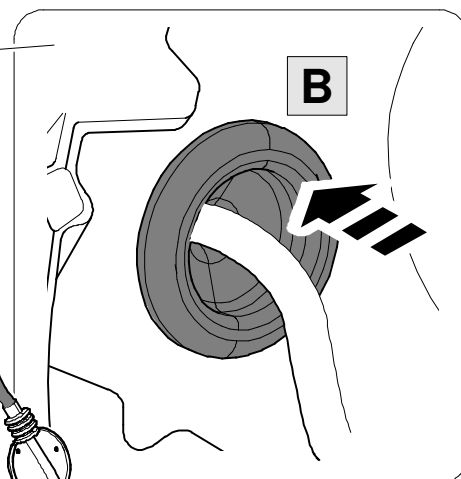
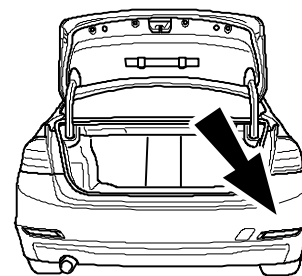
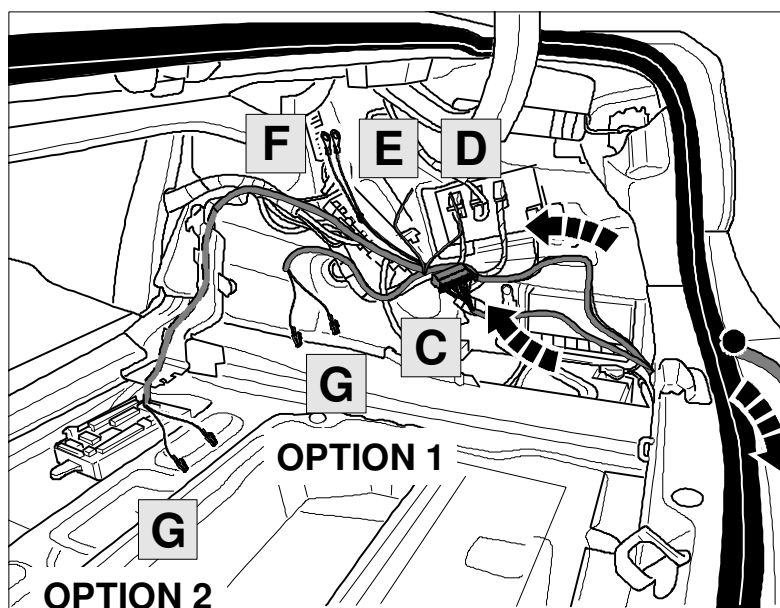
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| 1                                                                                   | +                                                                                     | 2                                                                                                                                                                 |   |   |   |    |   |    |    |   |    |
| 3                                                                                   | -                                                                                     | 9                                                                                                                                                                 |   |   |   |    |   |    |    |   |    |
| 17                                                                                  | -                                                                                     | 37                                                                                                                                                                |   |   |   |    |   |    |    |   |    |
|  |  → | <table border="1"> <tr> <td>1</td> <td>+</td> <td>2</td> </tr> <tr> <td>10</td> <td>-</td> <td>37</td> </tr> </table>                                             | 1 | + | 2 | 10 | - | 37 |    |   |    |
| 1                                                                                   | +                                                                                     | 2                                                                                                                                                                 |   |   |   |    |   |    |    |   |    |
| 10                                                                                  | -                                                                                     | 37                                                                                                                                                                |   |   |   |    |   |    |    |   |    |

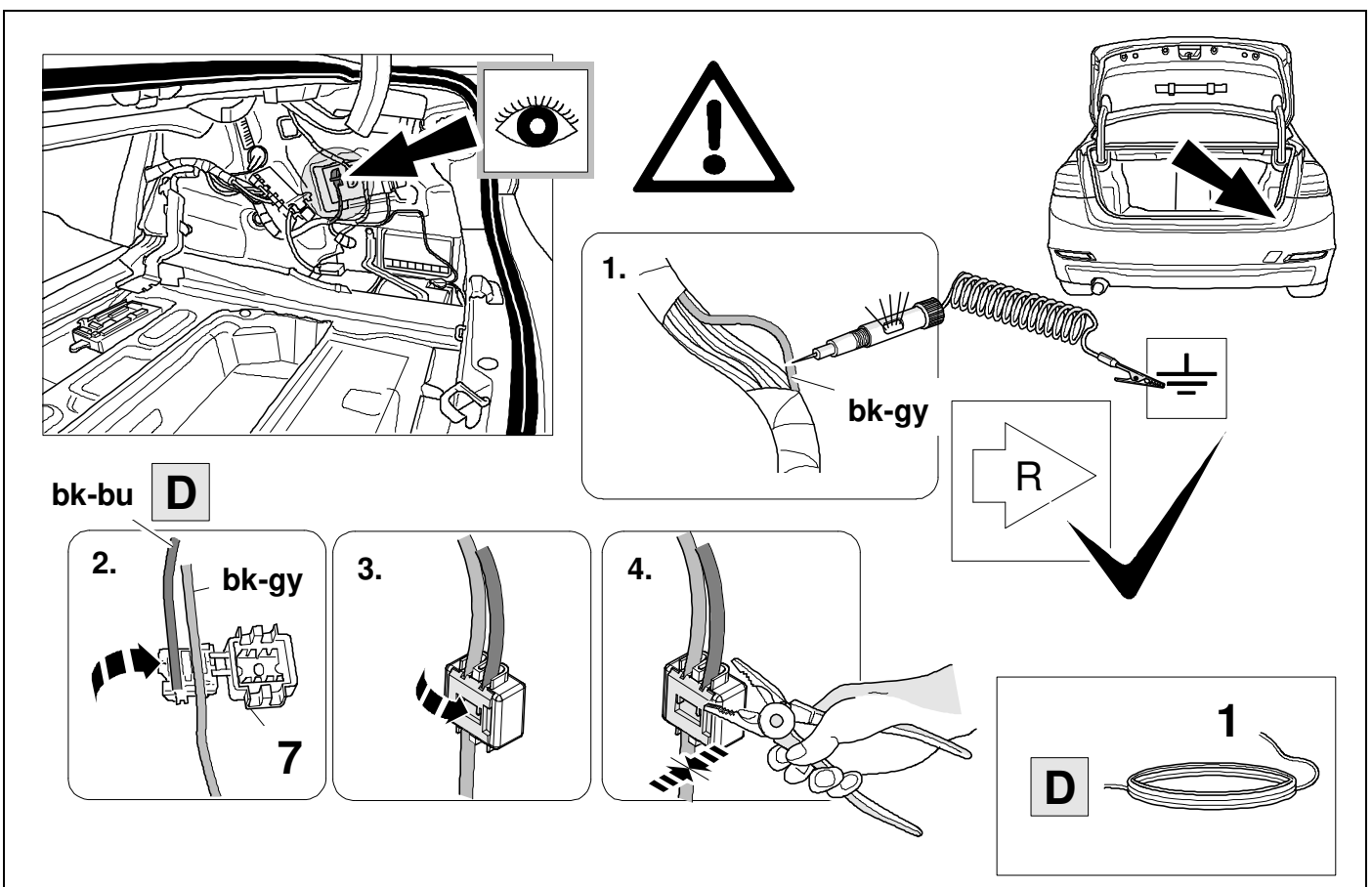
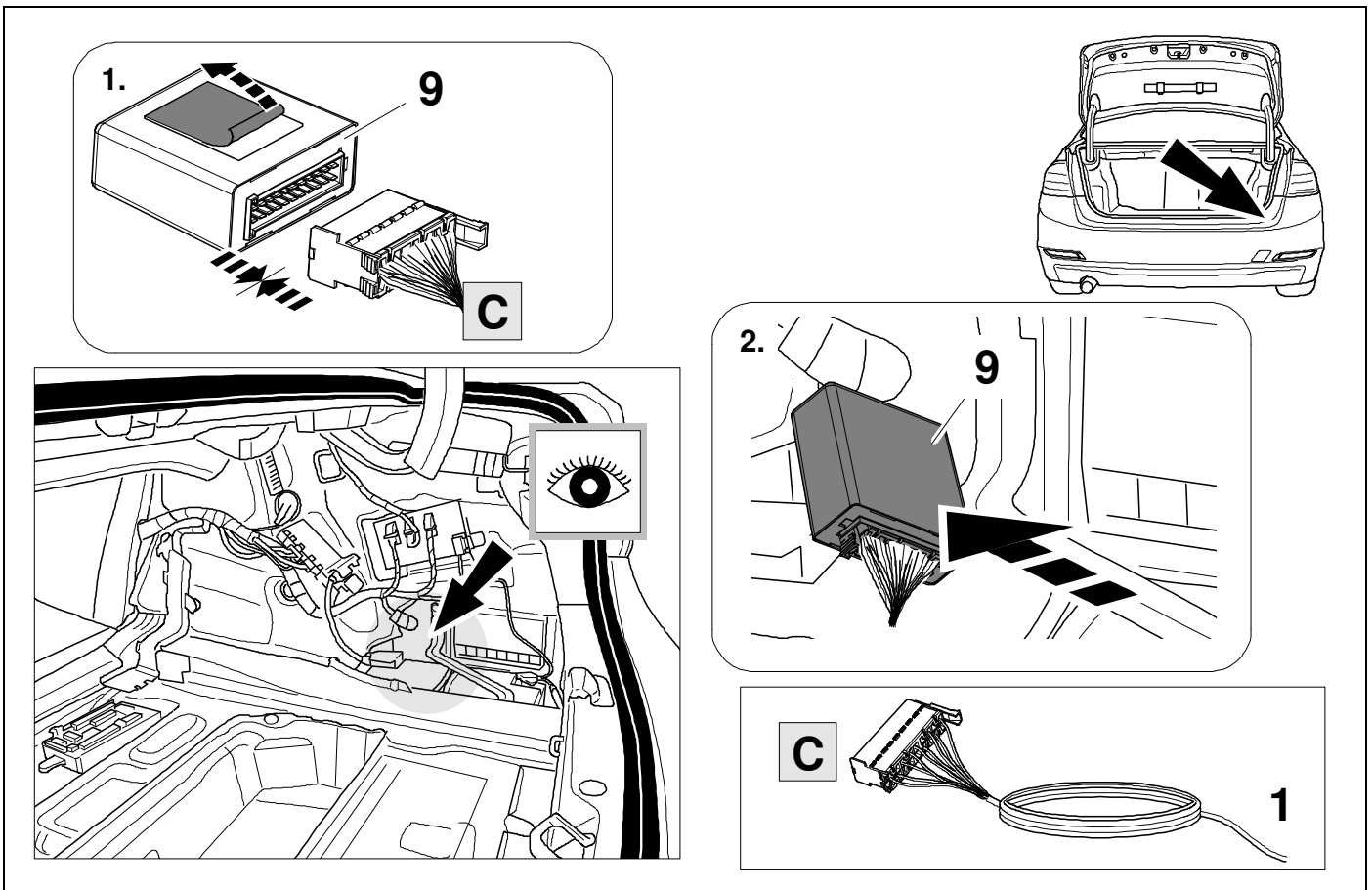


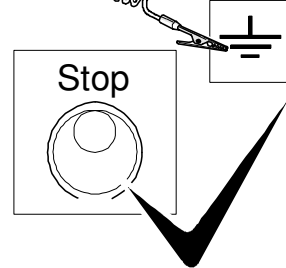
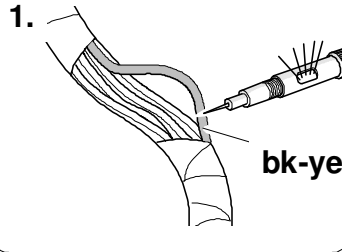
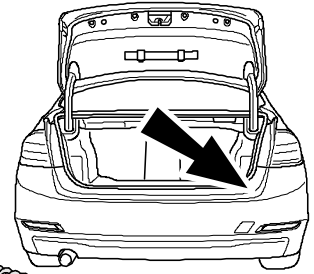
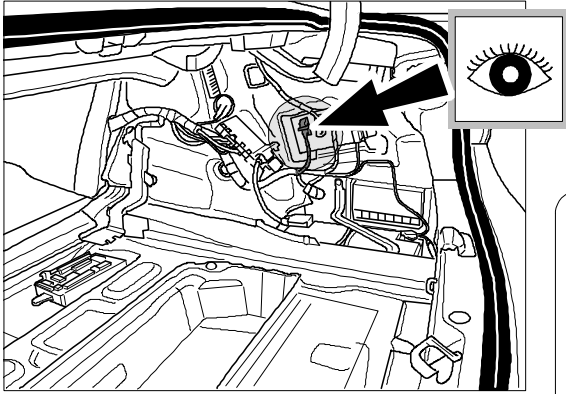






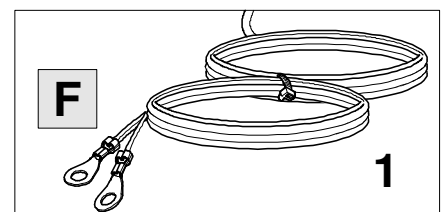
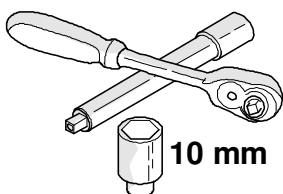
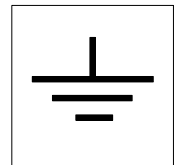
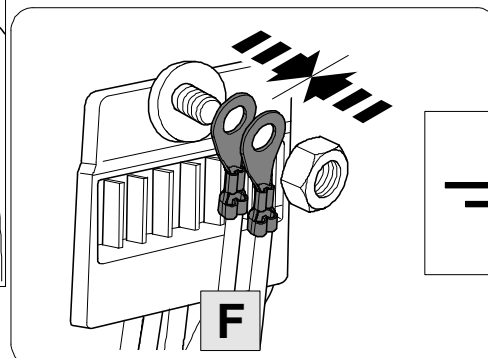
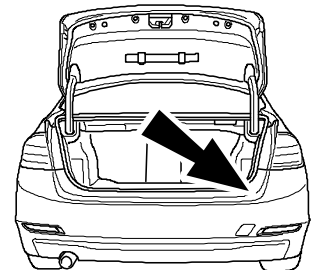
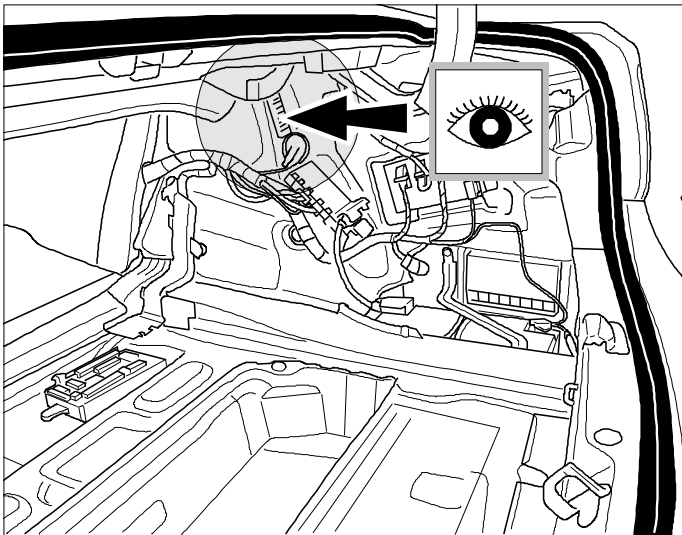
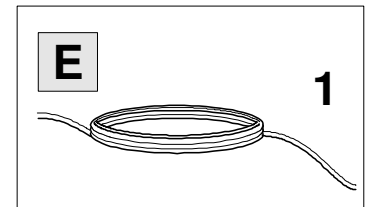
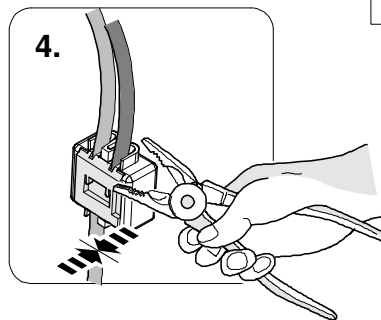
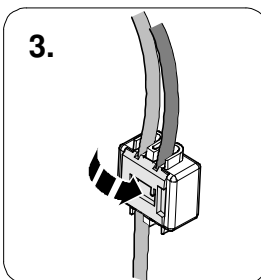
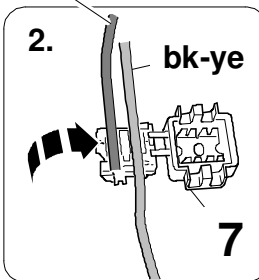


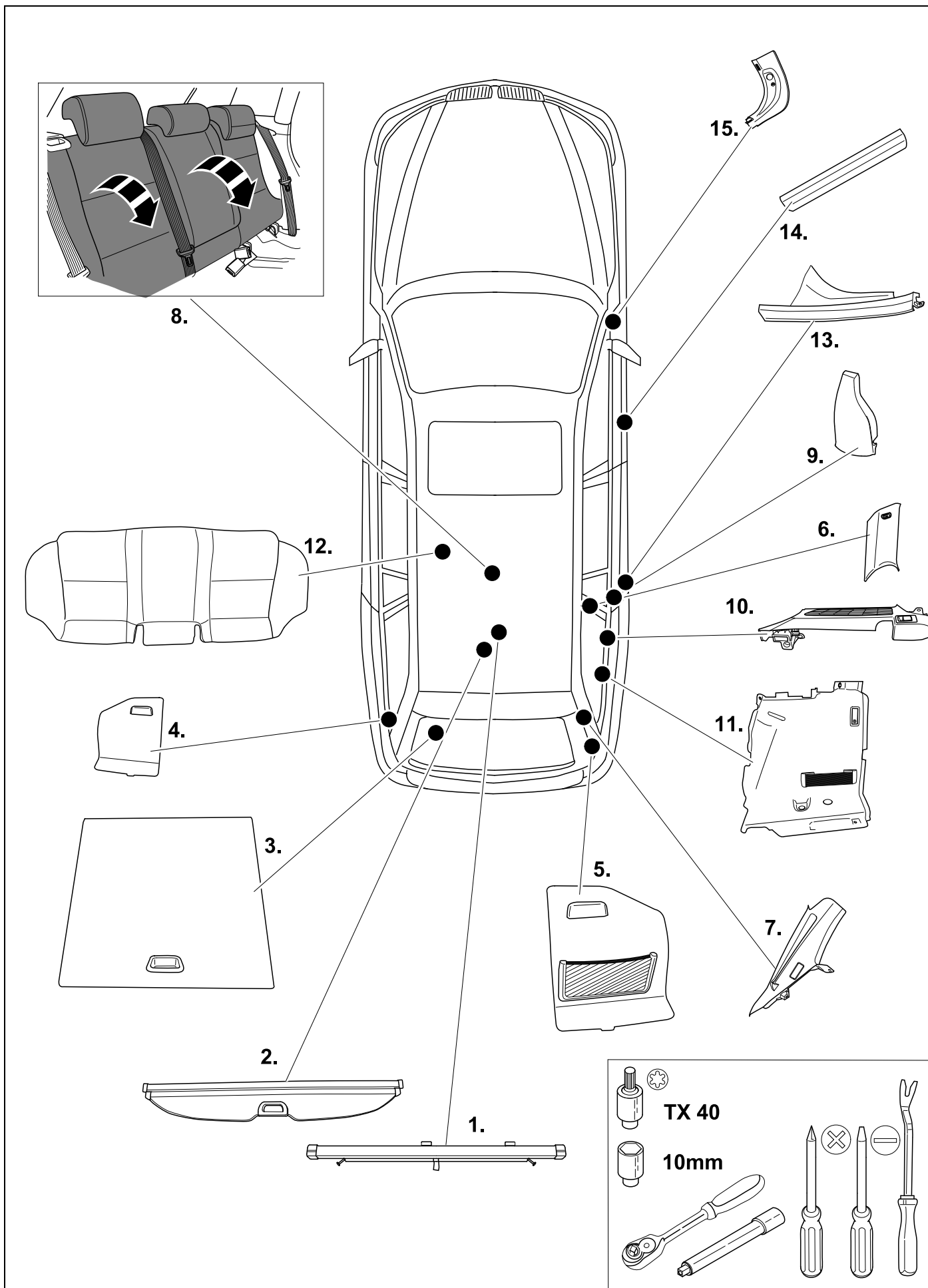


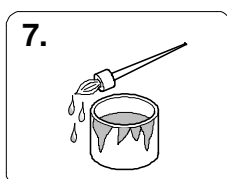
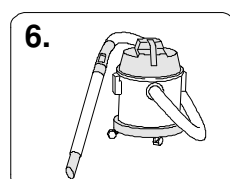
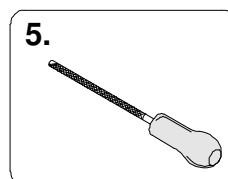
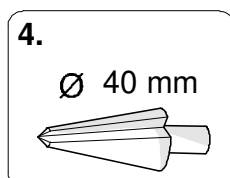
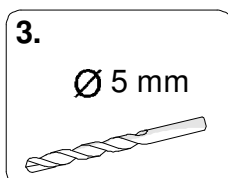
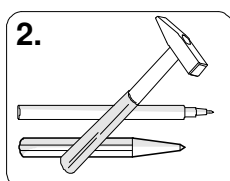
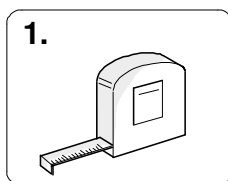
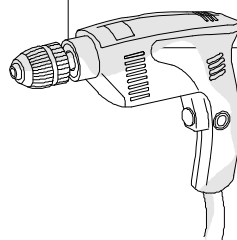
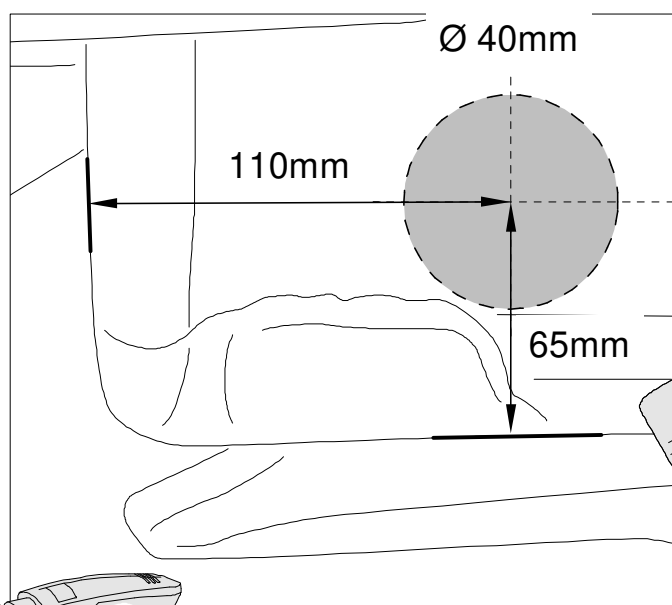
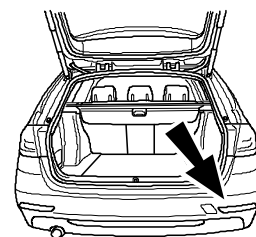
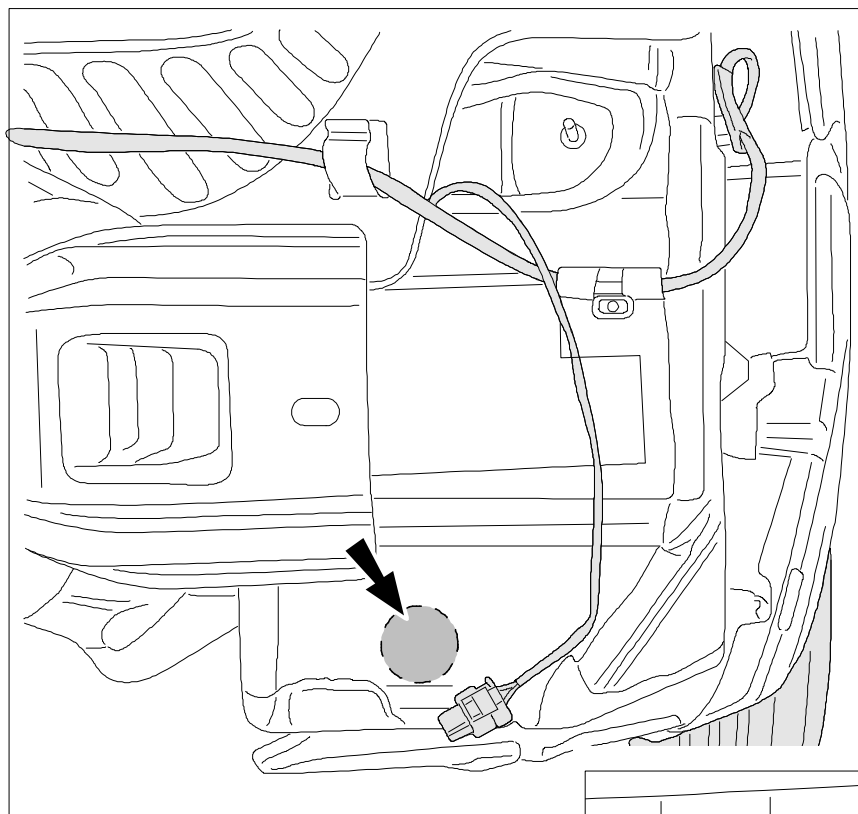


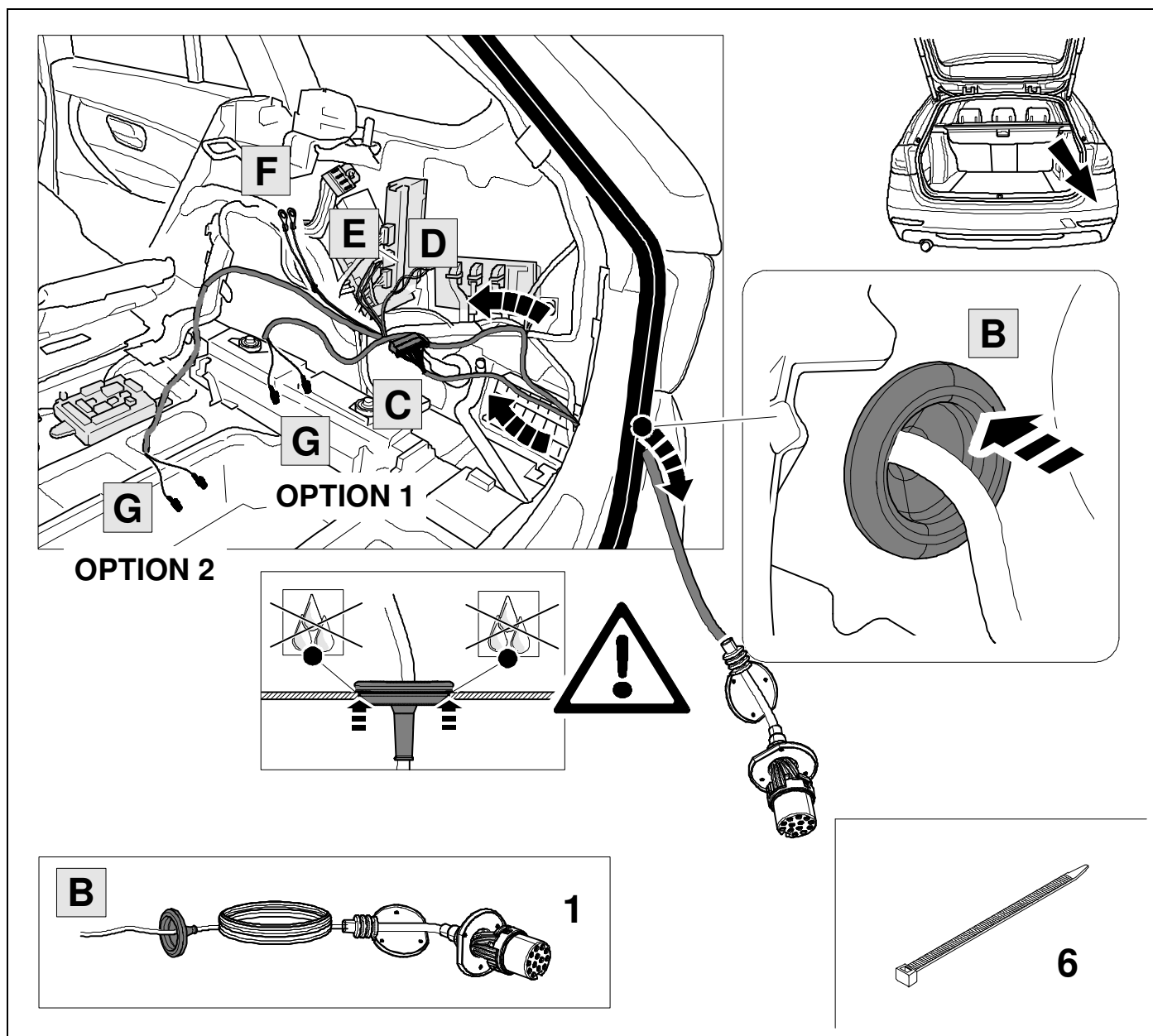
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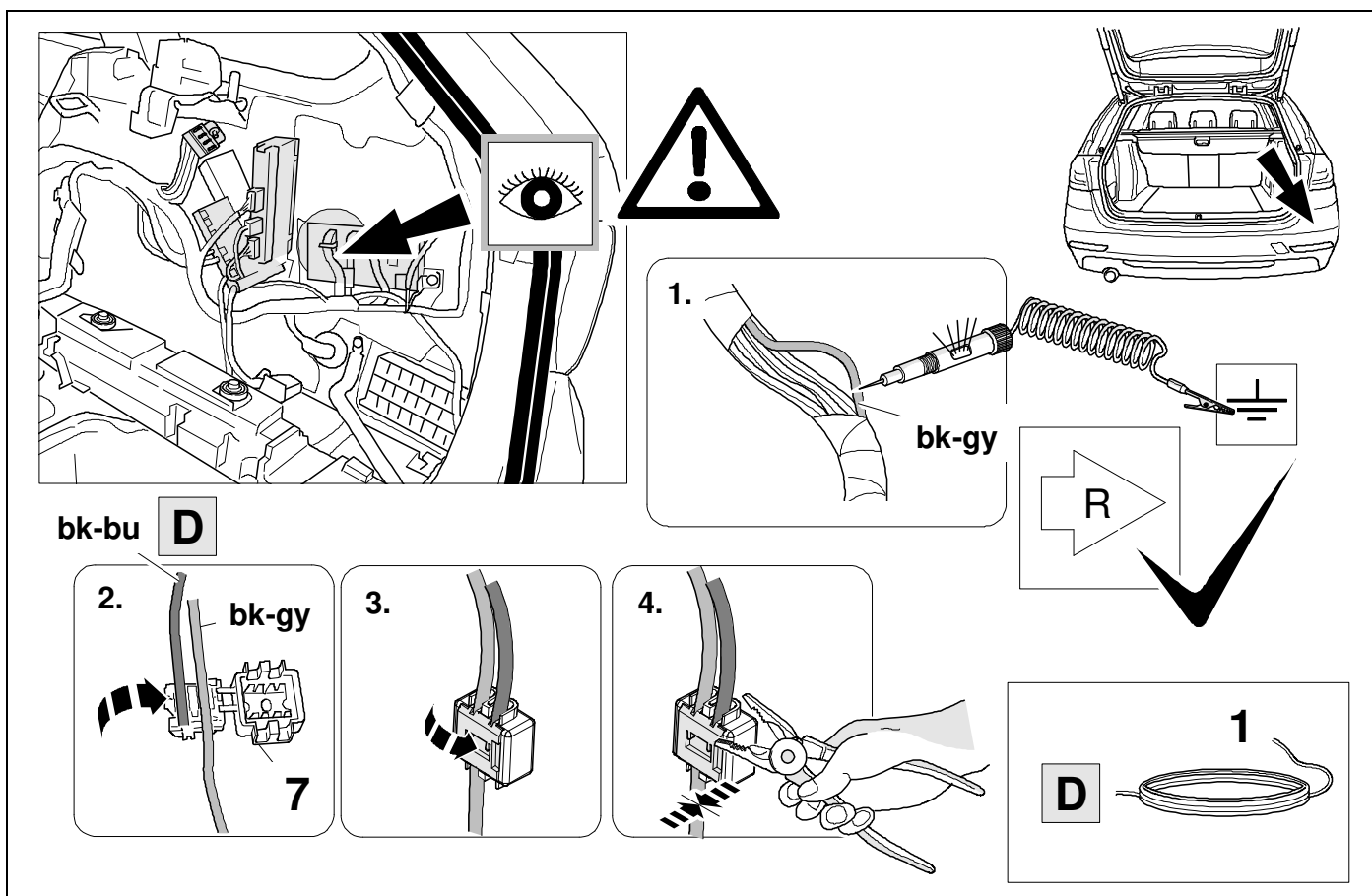
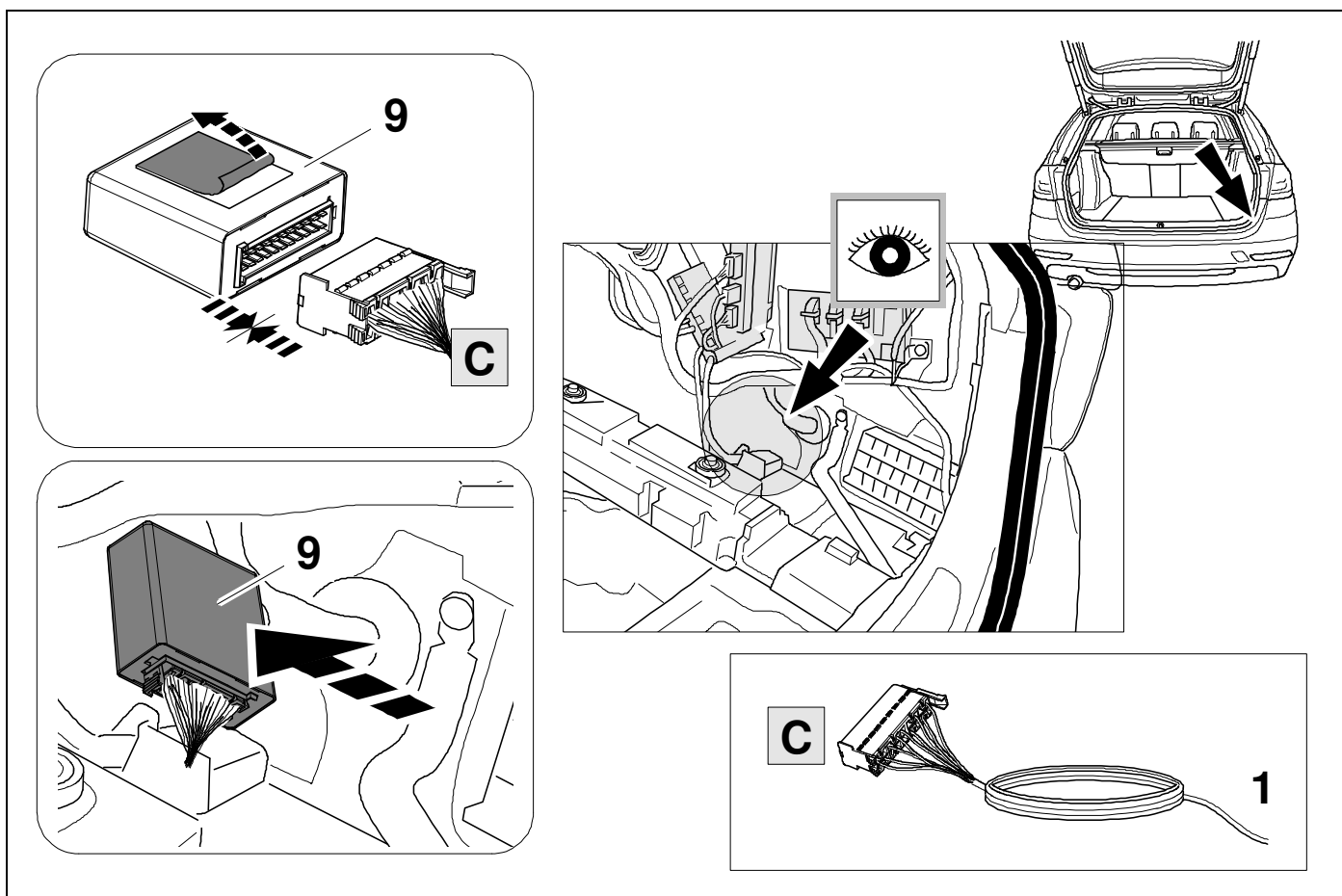
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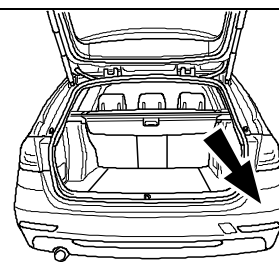
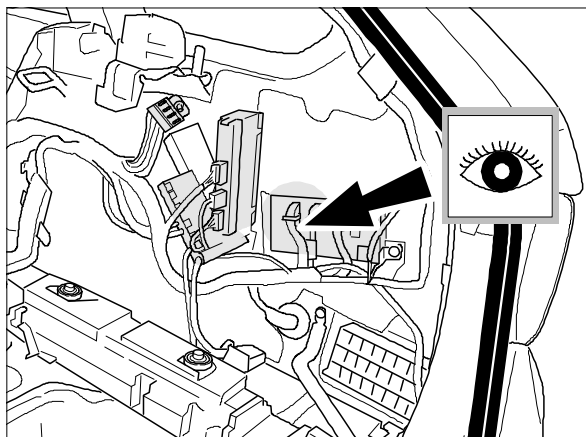




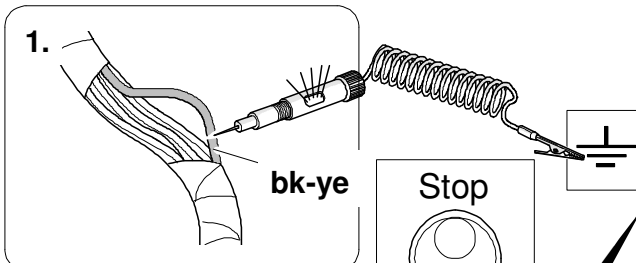








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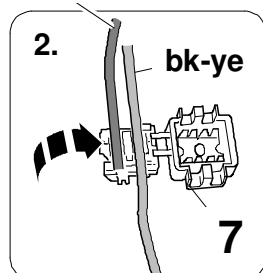
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Stop

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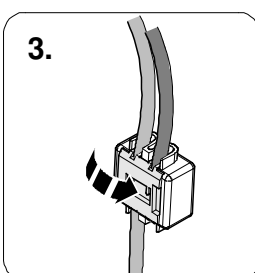
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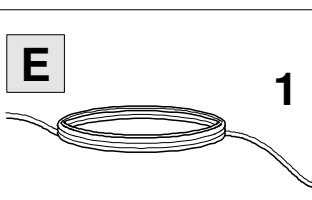
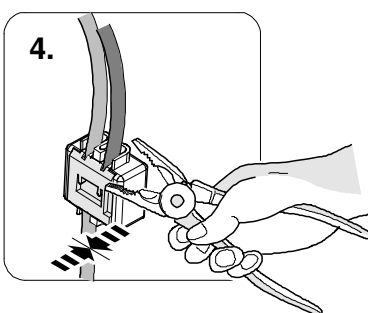
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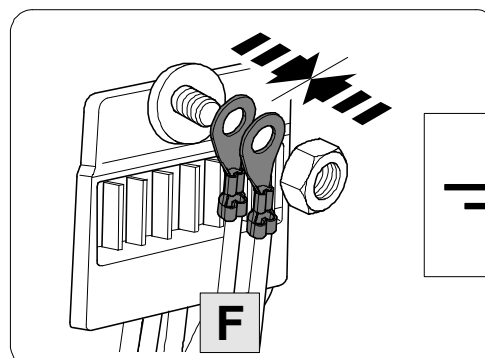
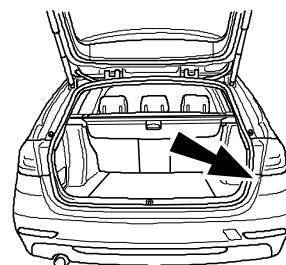
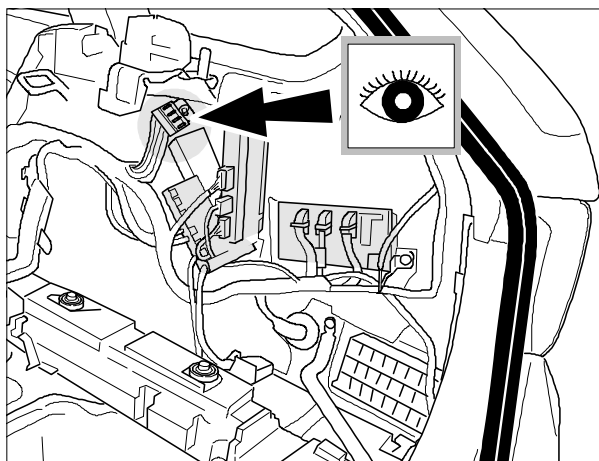


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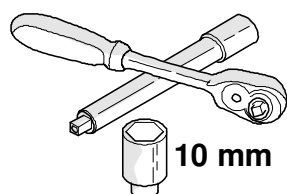
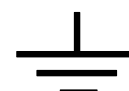


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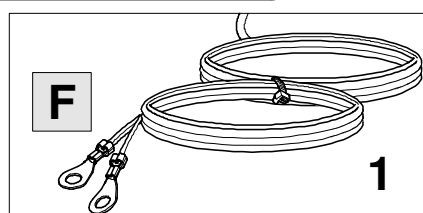
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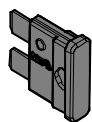
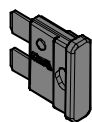
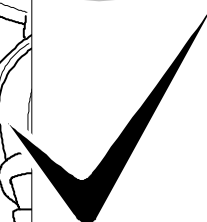
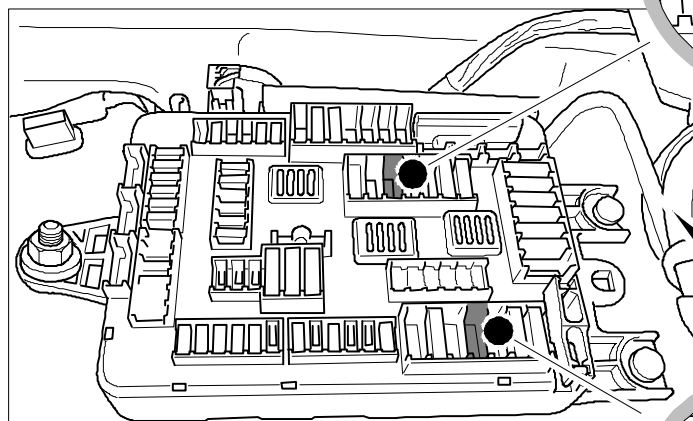
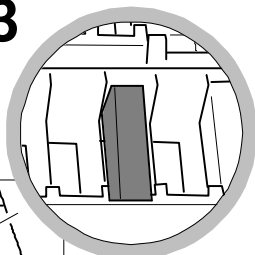
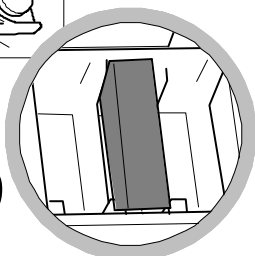


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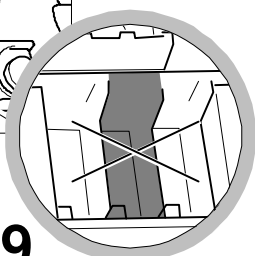
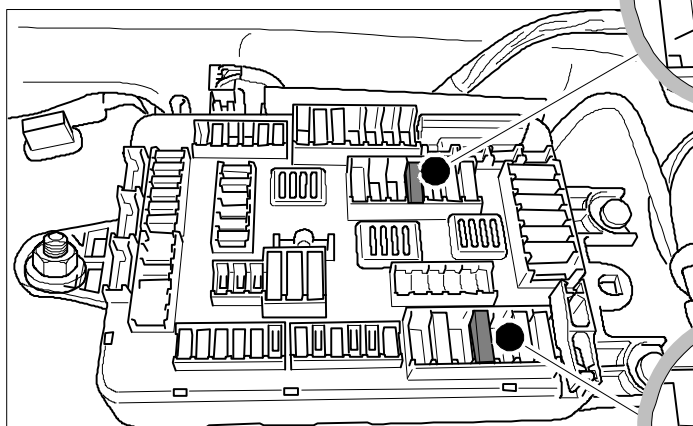
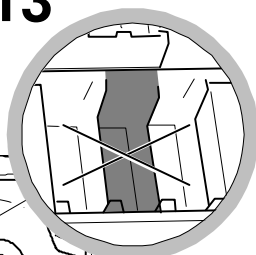
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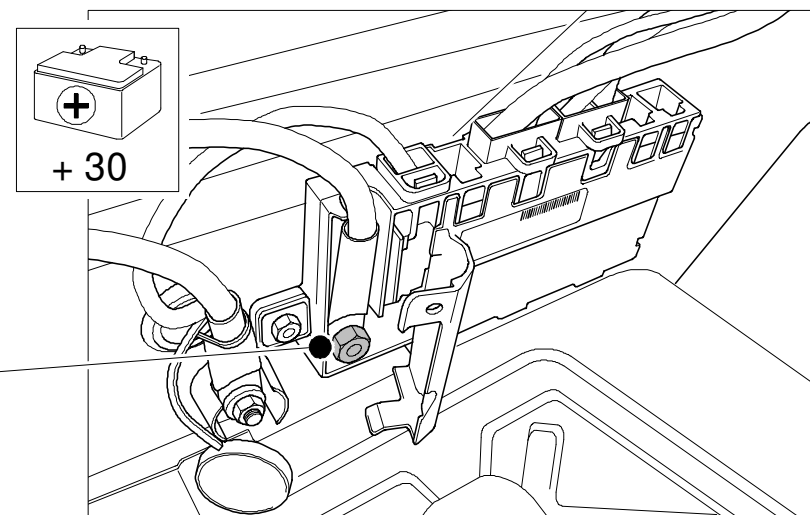
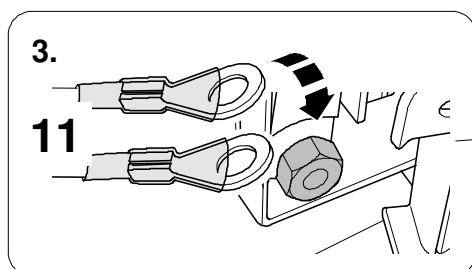
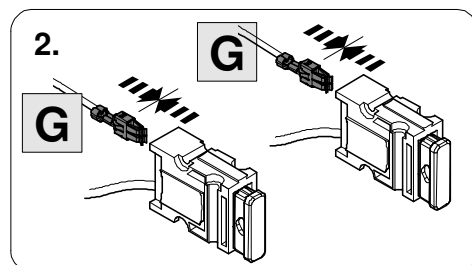
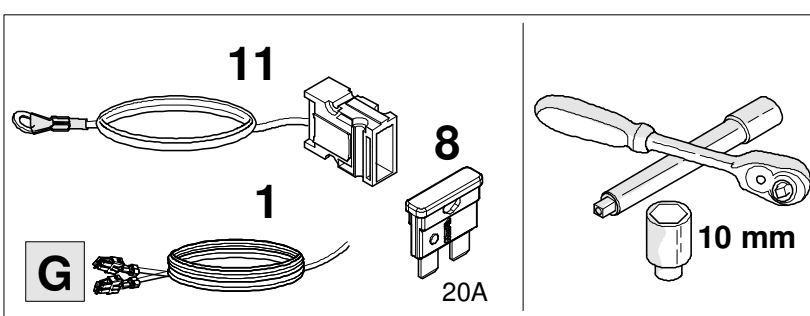
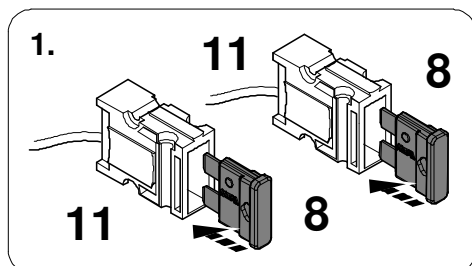
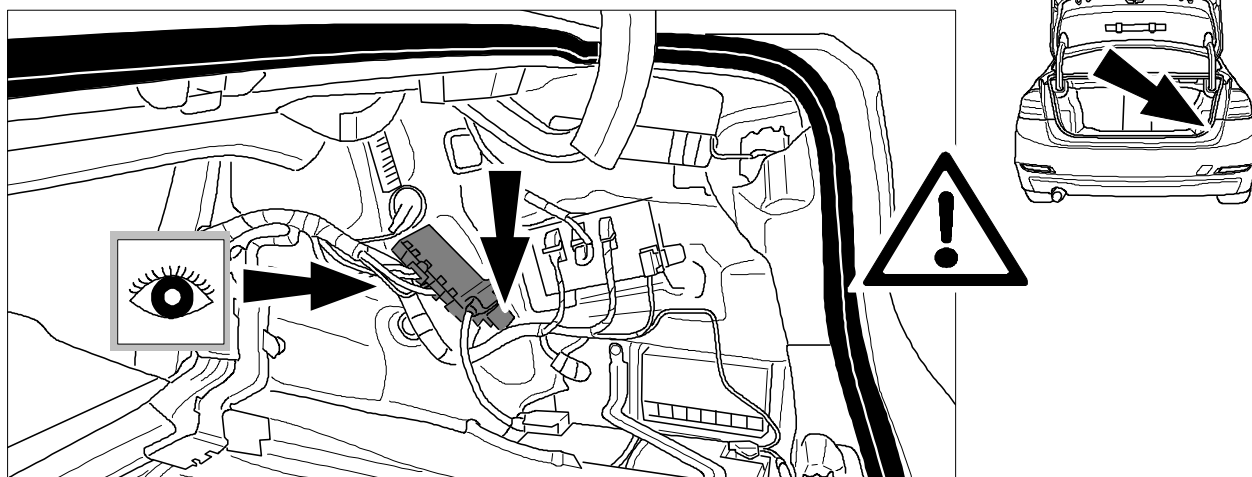
20A **F113**20A **F139****OPTION 1**

18 - 19

23 - 37

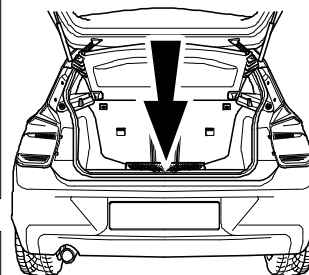
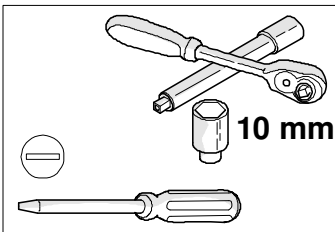
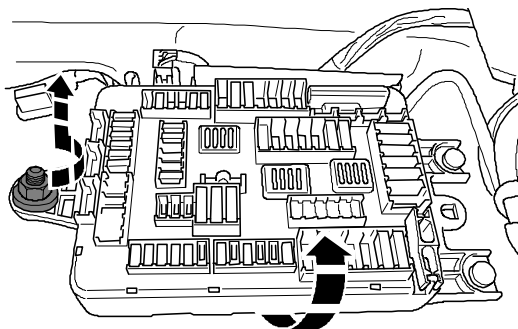
**F113****F139****OPTION 2**

20 - 37

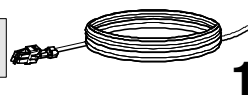




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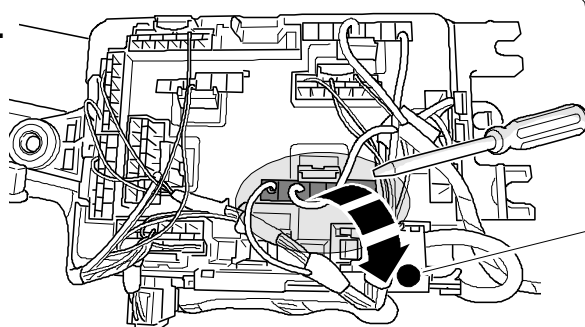


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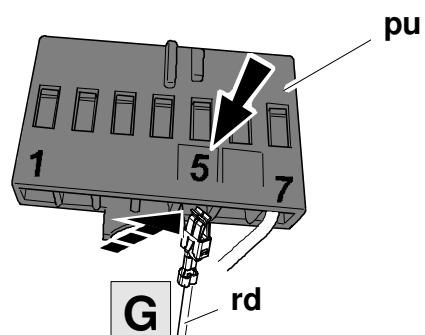


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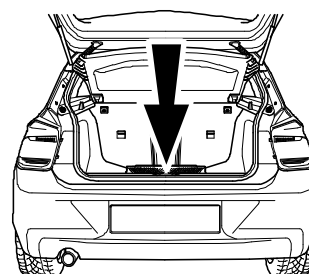
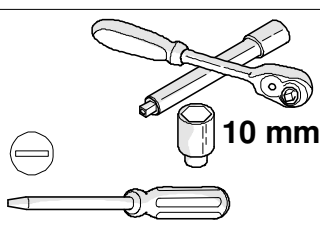
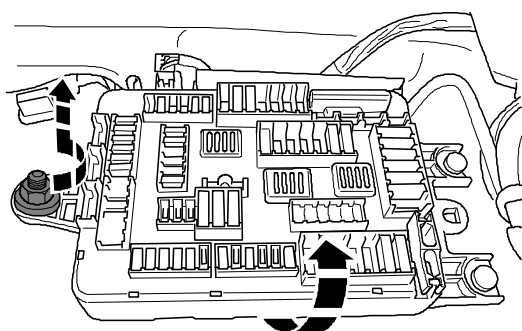
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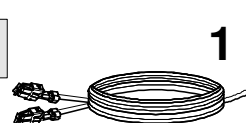
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1.

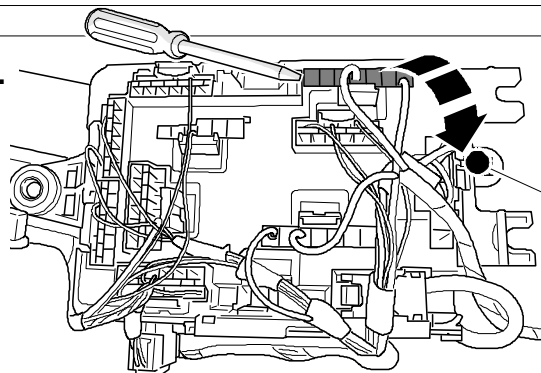


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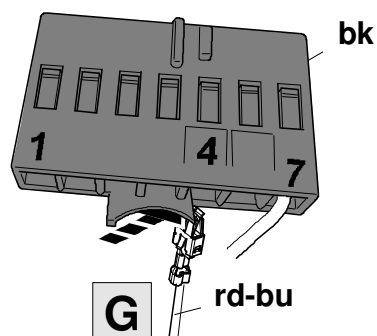


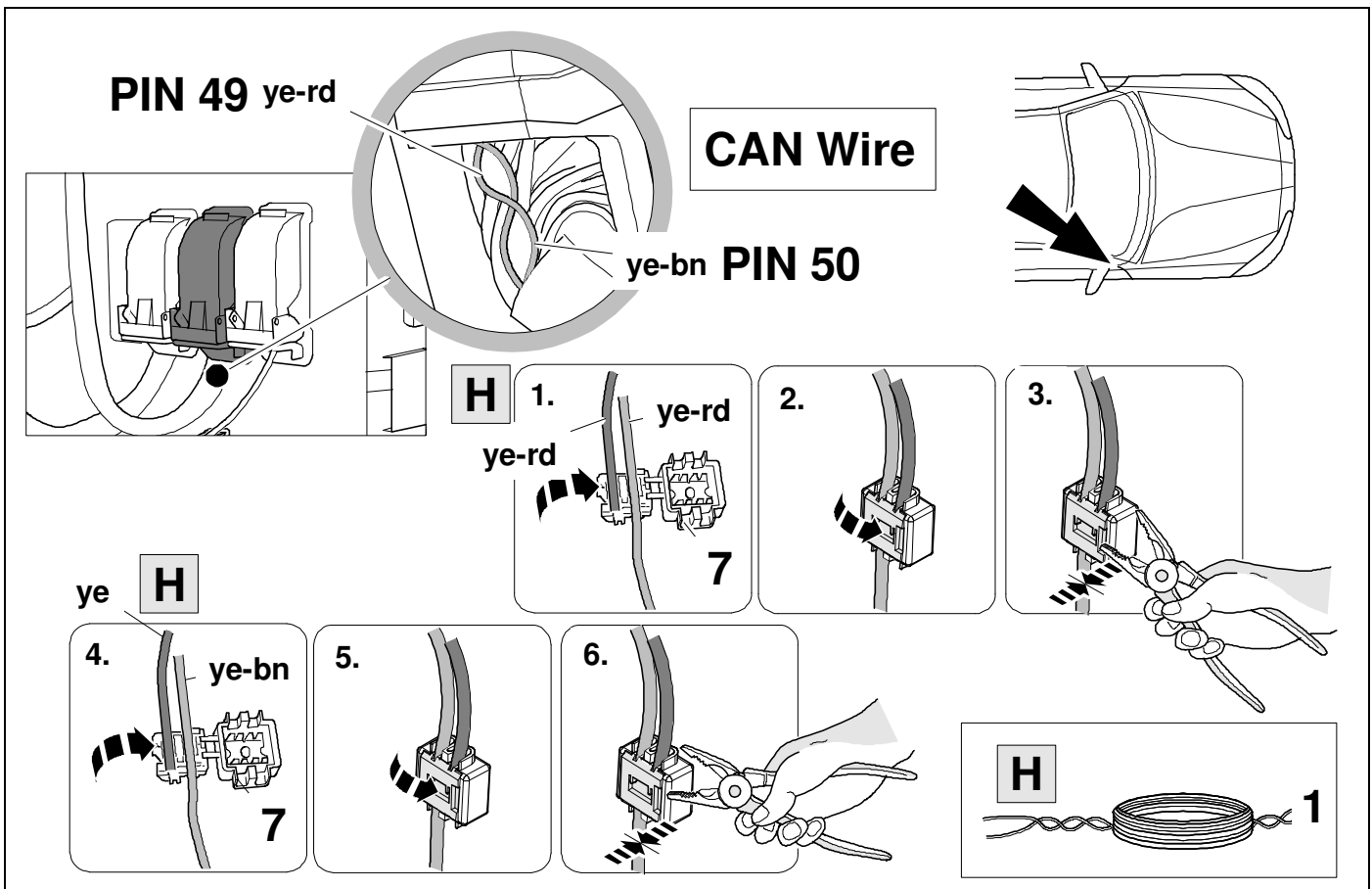
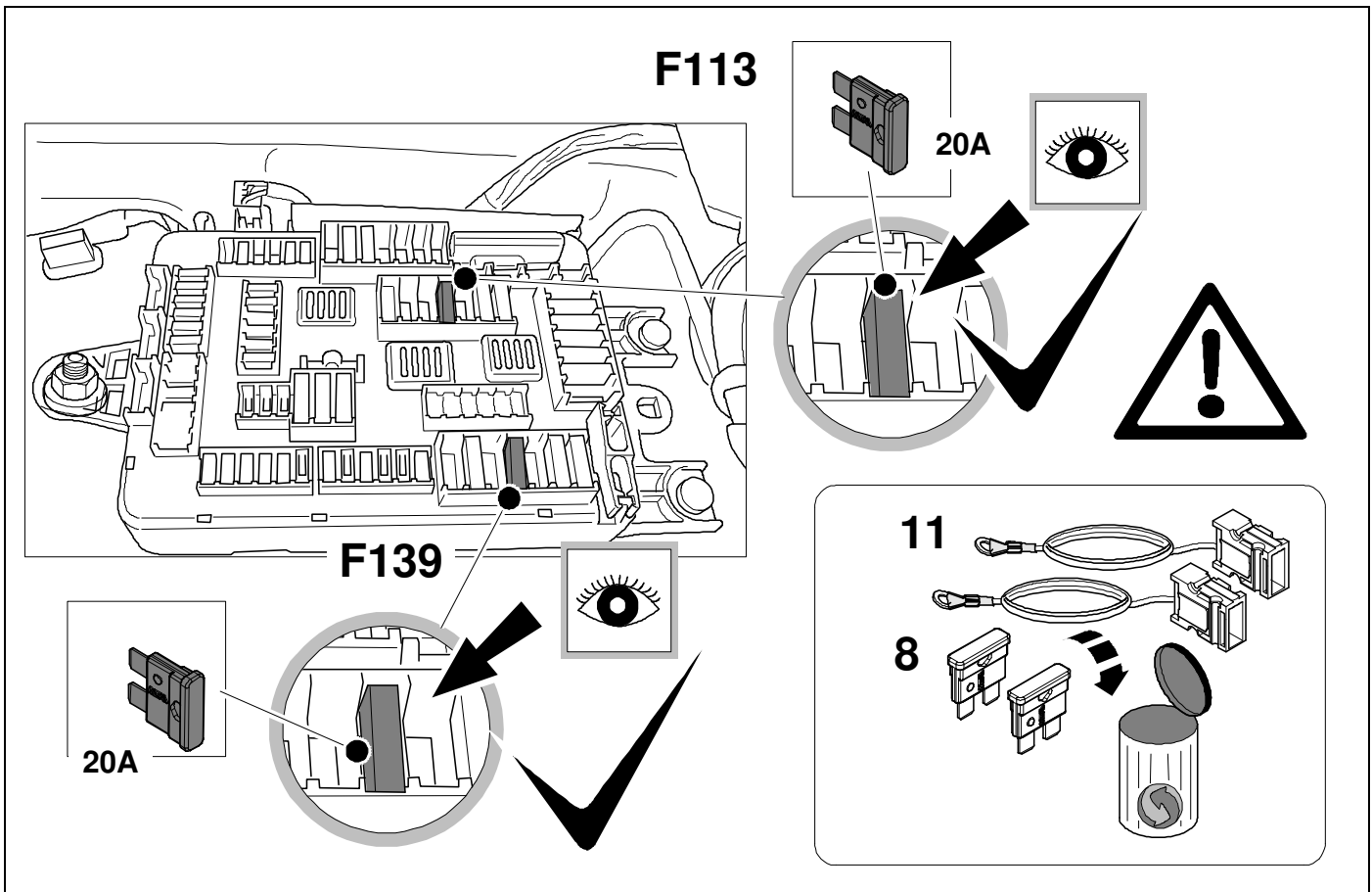
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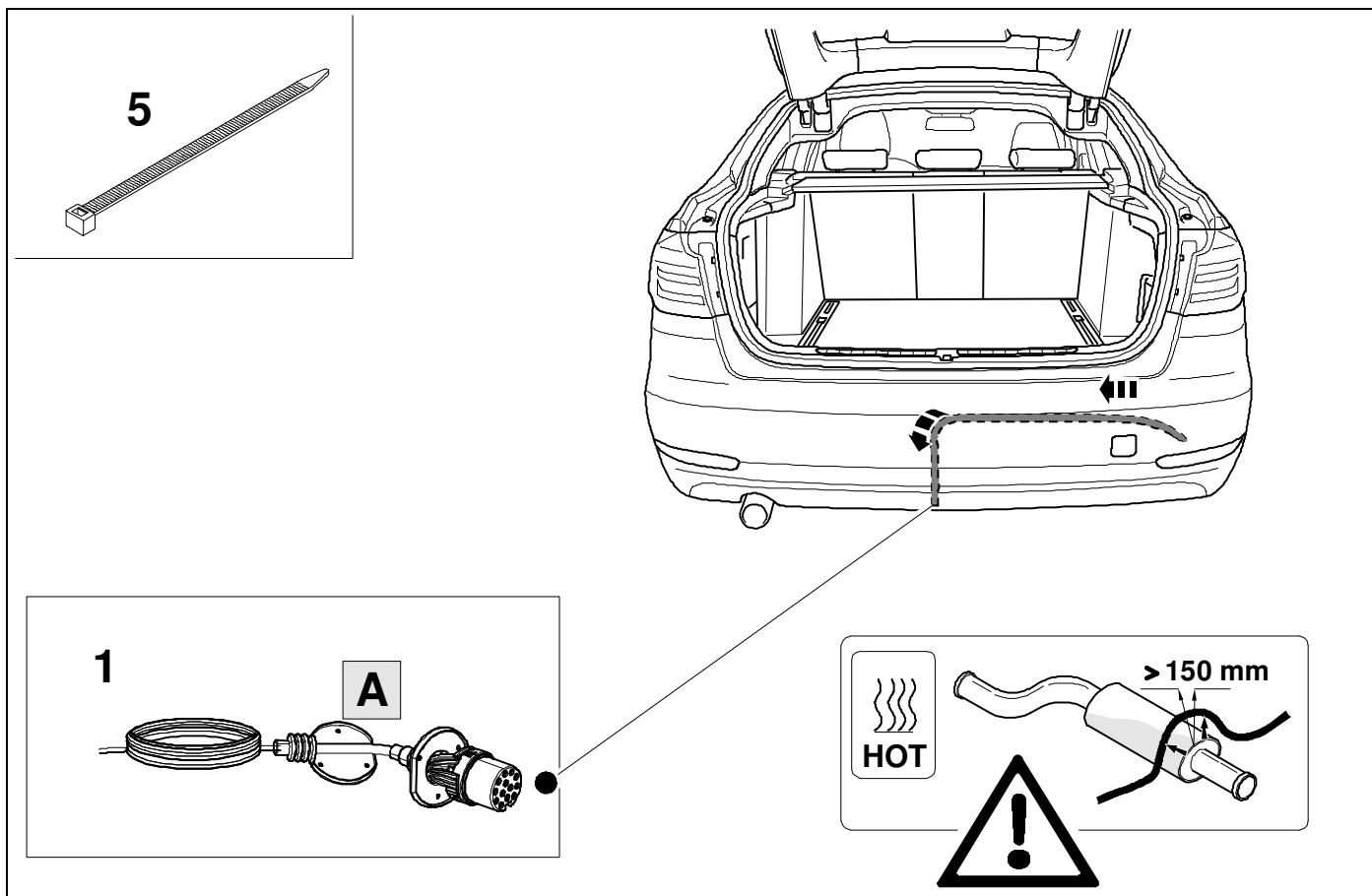
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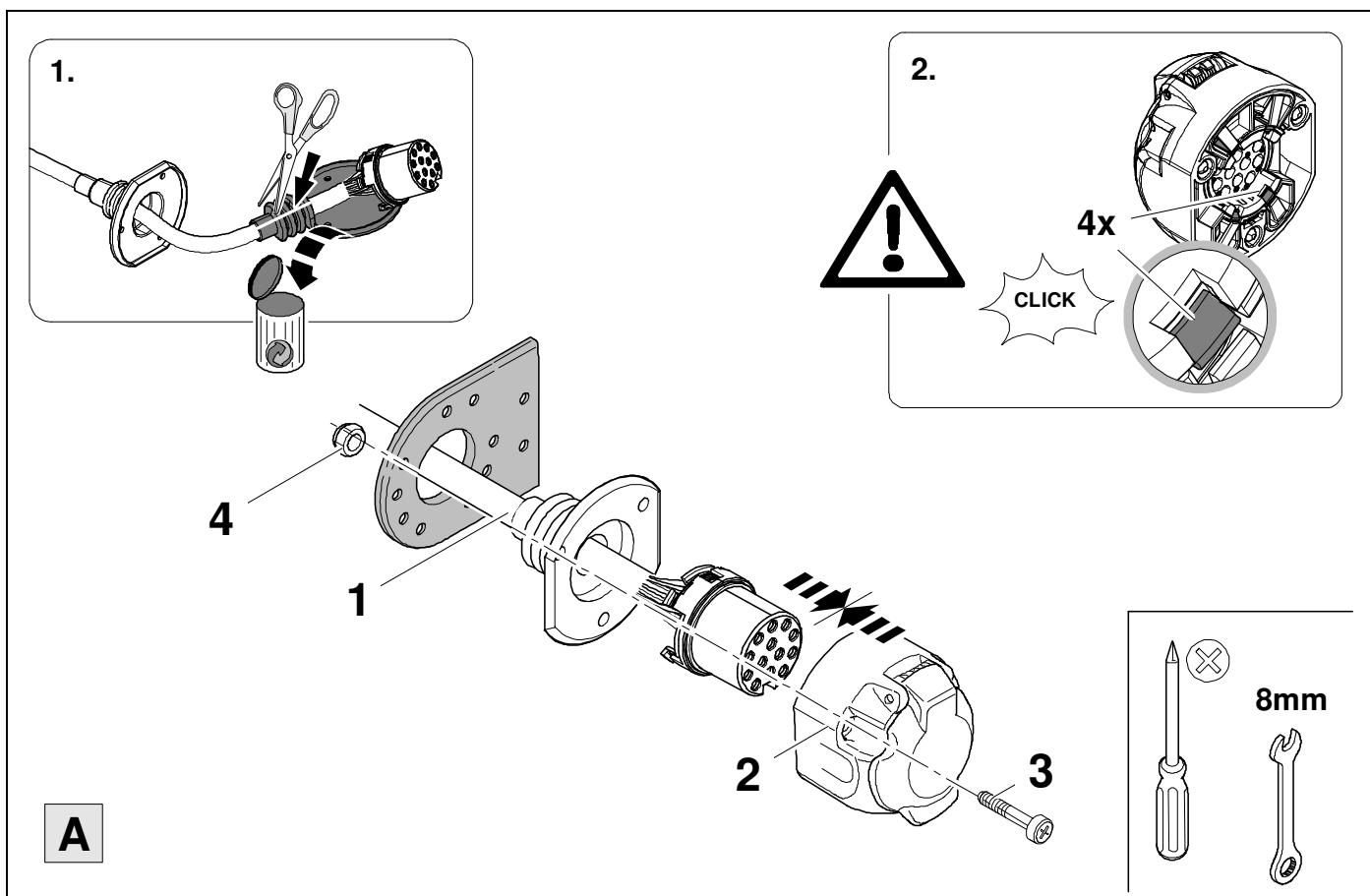
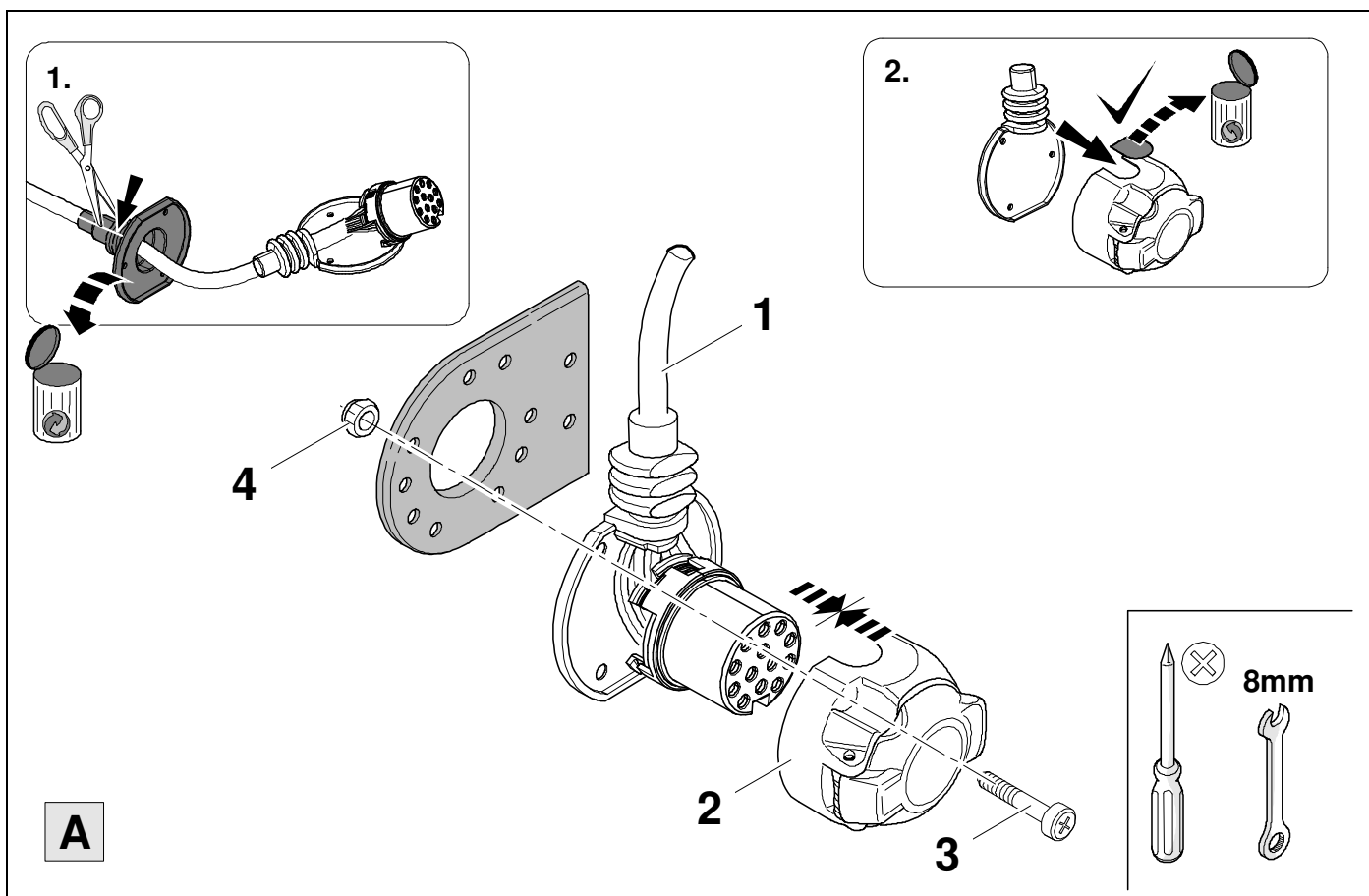


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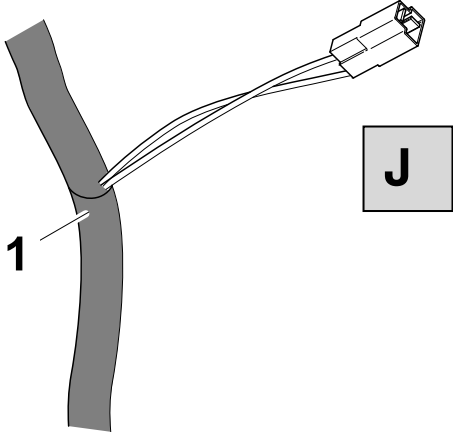
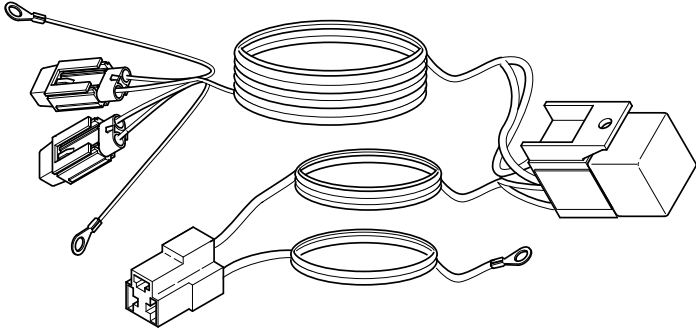




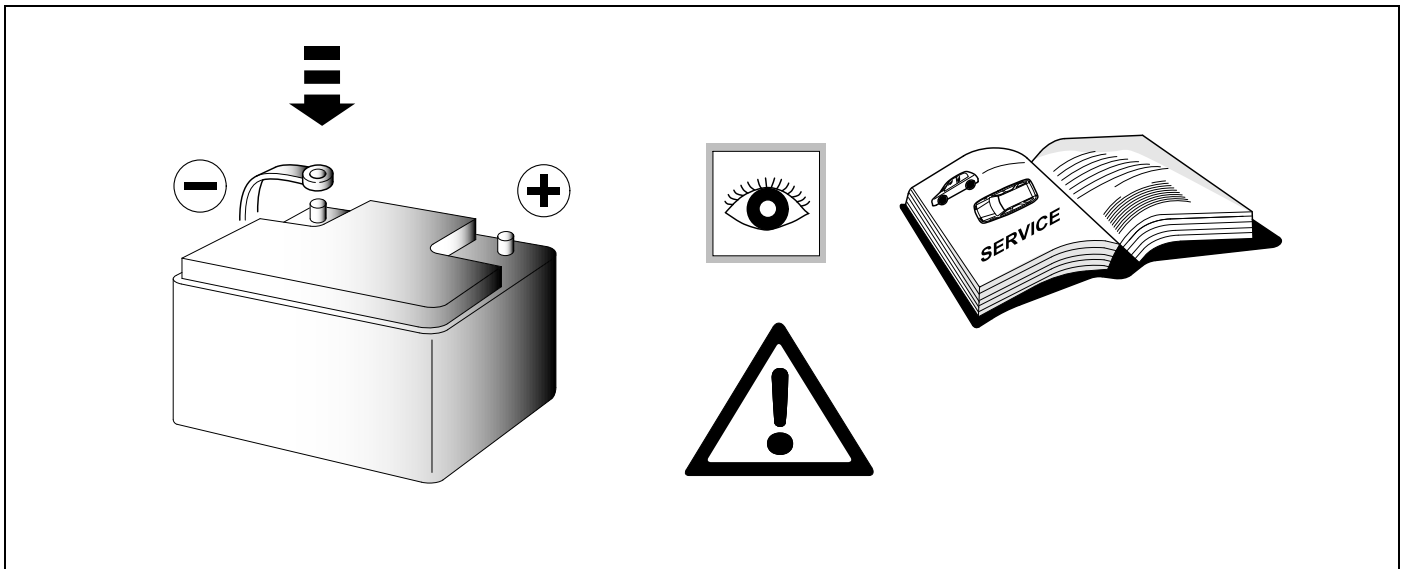
| 13 Pin |       |  | 13 Pin |       |    |
|--------|-------|--|--------|-------|----|
| 1      | bk/wh |  |        | bu/rd | 8  |
| 2      | gy    |  |        | rd/bu | 9  |
| 3      | bn    |  |        | ye    | 10 |
| 4      | bk/gn |  |        | bn/gn | 11 |
| 5      | gy/rd |  | -/-    | no    | 12 |
| 6      | bk/rd |  |        | bn    | 13 |
| 7      | gy/bk |  |        |       |    |

| 28    | bk      | wh        | gy       | gn       | rd       | bu        | ye        | bn         | pu             | or             | no                        |
|-------|---------|-----------|----------|----------|----------|-----------|-----------|------------|----------------|----------------|---------------------------|
| (D)   | schwarz | weiß      | grau     | grün     | rot      | blau      | gelb      | braun      | violett        | orange         | nicht belegt              |
| (GB)  | black   | white     | grey     | green    | red      | blue      | yellow    | brown      | purple         | orange         | not occupied              |
| (F)   | noir    | blanc     | gris     | vert     | rouge    | bleu      | jaune     | brun       | violet         | orange         | inutilisé                 |
| (NL)  | zwart   | wit       | grijs    | groen    | rood     | blauw     | geel      | bruin      | violet         | oranje         | niet aangesloten          |
| (DK)  | sort    | hvid      | grå      | grøn     | rød      | blå       | gul       | brun       | violet         | orange         | ikke anvendt              |
| (N)   | svart   | hvit      | grå      | grønn    | rød      | blå       | gul       | brun       | fiolett        | oransje        | ikke i bruk               |
| (S)   | svart   | vit       | grå      | grön     | röd      | blå       | gul       | brun       | violett        | orange         | ej använd                 |
| (FIN) | musta   | valkoinen | harmaa   | vihreä   | punainen | sininen   | keltainen | ruskea     | violetti       | oranssi        | ei varattu                |
| (I)   | nero    | bianco    | grigio   | verde    | rosso    | blu       | giallo    | marrone    | viola          | arancione      | libero                    |
| (E)   | negro   | blanco    | gris     | verde    | rojo     | azul      | amarillo  | marrón     | violeta        | anaranja-do    | no ocupado                |
| (P)   | preto   | branco    | cinzento | verde    | vermelho | azul      | amarelo   | castanho   | violeta        | laranja        | não ocupado               |
| (GR)  | μαύρος  | λευκός    | Γκρι     | πράσινος | κόκκινος | μπλε      | κίτρινος  | καφέ       | Μωβ            | πορτοκαλί      | δεν είναι κατ'επιτημέλιος |
| (PL)  | czarny  | biały     | szaro    | zielony  | czerwony | niebiesko | żółty     | brazowy    | fioletowy      | pomarańczowy   | wolny                     |
| (CZ)  | černý   | bílý      | šedý     | zelený   | červený  | modrý     | žlutý     | hnědý      | fialový        | oranžový       | neo-bsazen                |
| (TR)  | siyah   | beyaz     | gri      | yeşil    | kırmızı  | mavi      | sarı      | kahverengi | mor            | portakal rengi | boş                       |
| (H)   | fekete  | fehér     | szürke   | zöld     | piros    | kék       | sárga     | barna      | ibolyakék      | narancssárga   | nem foglalt               |
| (HR)  | crno    | bijelo    | sivo     | zeleno   | crveno   | plavo     | zuto      | smeđe      | ljubičasto     | narandasto     | nije zauzeto              |
| (BUL) | черен   | бял       | сив      | зелен    | червен   | син       | жълт      | кафяв      | виолетов       | оранжев        | свободно                  |
| (RO)  | negru   | alb       | gri      | verde    | roșu     | albastru  | galben    | maro       | violet         | portocaliu     | liber                     |
| (RU)  | черный  | белый     | серый    | зеленый  | красный  | голубой   | жёлтый    | коричневый | пурпурный      | оранжевый      | свободно                  |
| (LT)  | juoda   | balta     | pilka    | žalia    | raudona  | mėlyna    | geltona   | ruda       | purpurinė      | oranžinė       | laisva                    |
| (LV)  | melna   | balta     | pelēka   | zaļa     | sarkana  | zila      | dzeltena  | brūna      | purpur-sarkana | oranža         | brīvs                     |
| (EST) | must    | valge     | hall     | roheline | punane   | sinine    | kollane   | pruun      | purpur-punane  | oraanz         | vaba                      |
| (SLO) | črna    | bela      | siva     | zelena   | rdeča    | modra     | rumena    | smeđ       | vijoličast     | oranžen        | ni zasedeno               |
| (SK)  | čierny  | biely     | šedý     | zelený   | červený  | modrý     | žltý      | hnedý      | fialový        | pomarančový    | neo-sadený                |

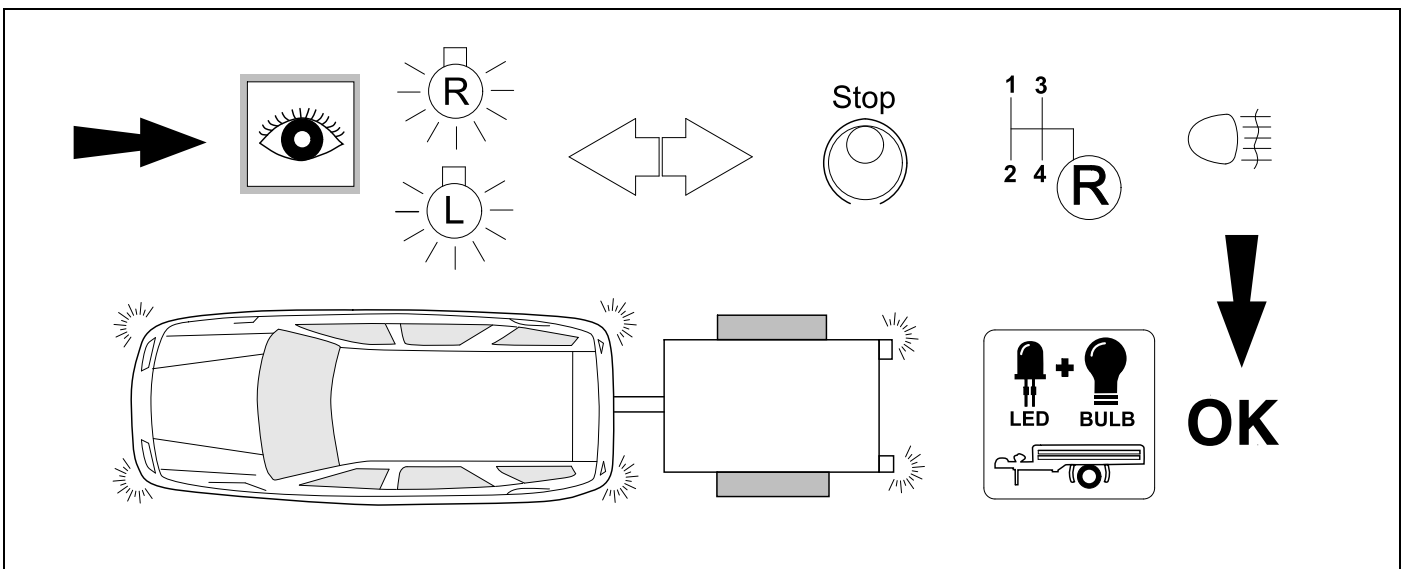
29

|                                                                                   |                                                                                   |                                                                                    |                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|
|  |  | JAEGER Artikelnummer:<br>JAEGER part number:                                       | <b>22400150</b> |
|  |                                                                                   |  |                 |

30

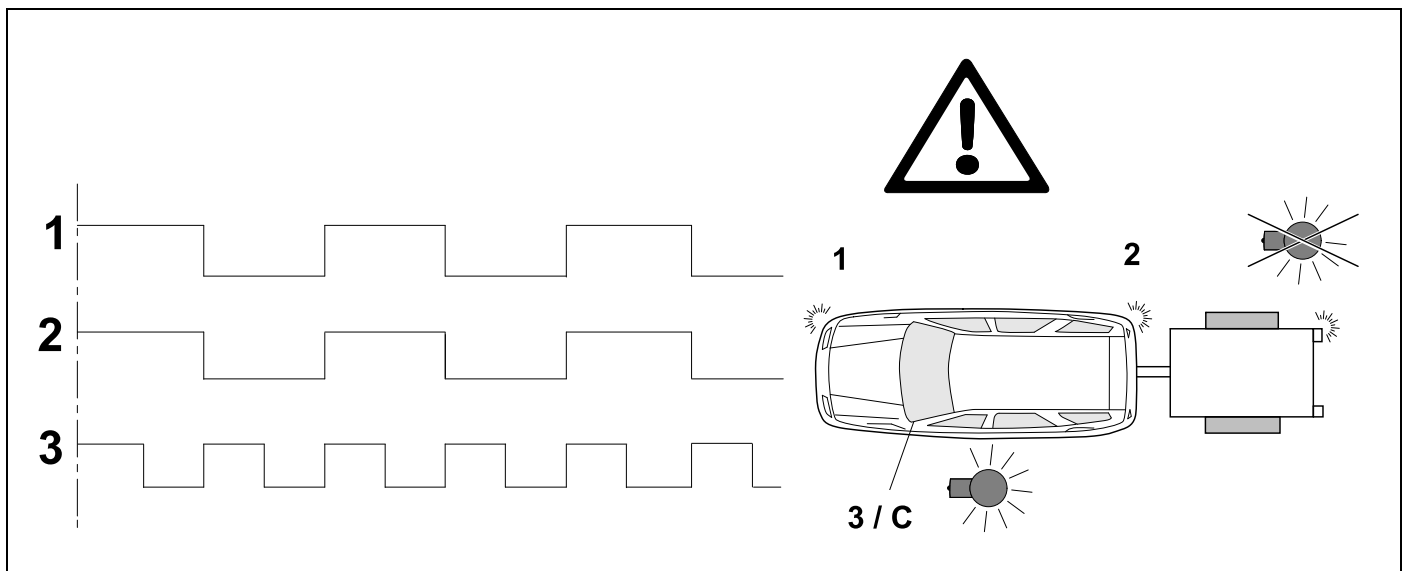


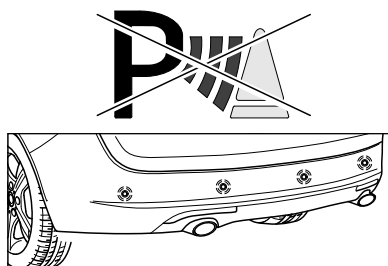
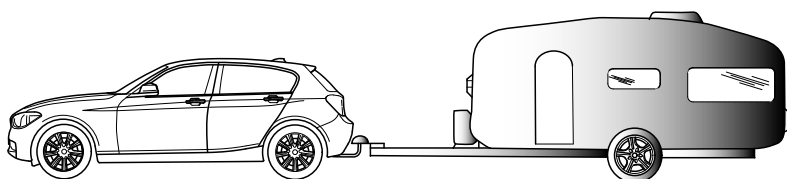
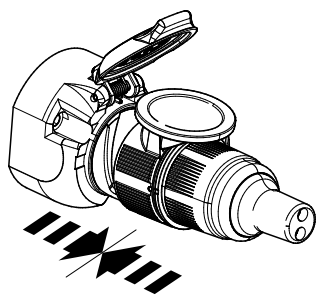
31 CHECK



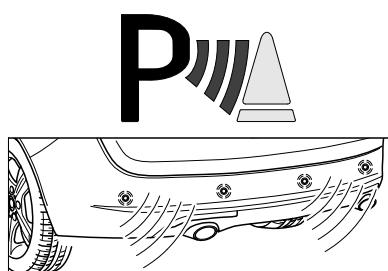


33

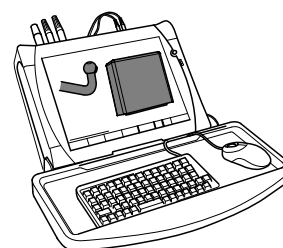




**No Coding**



**BMW Service ISTA/P  
Initialize Trailer Module**



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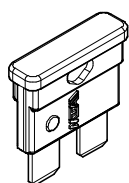
20

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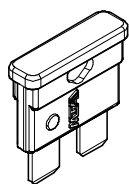
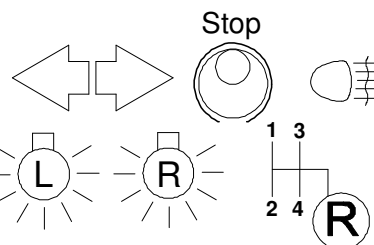
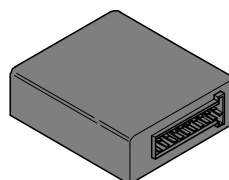
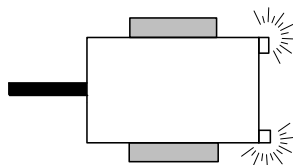
21

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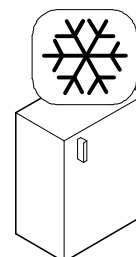
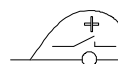
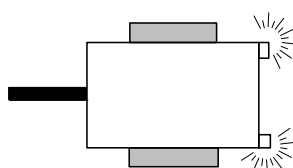
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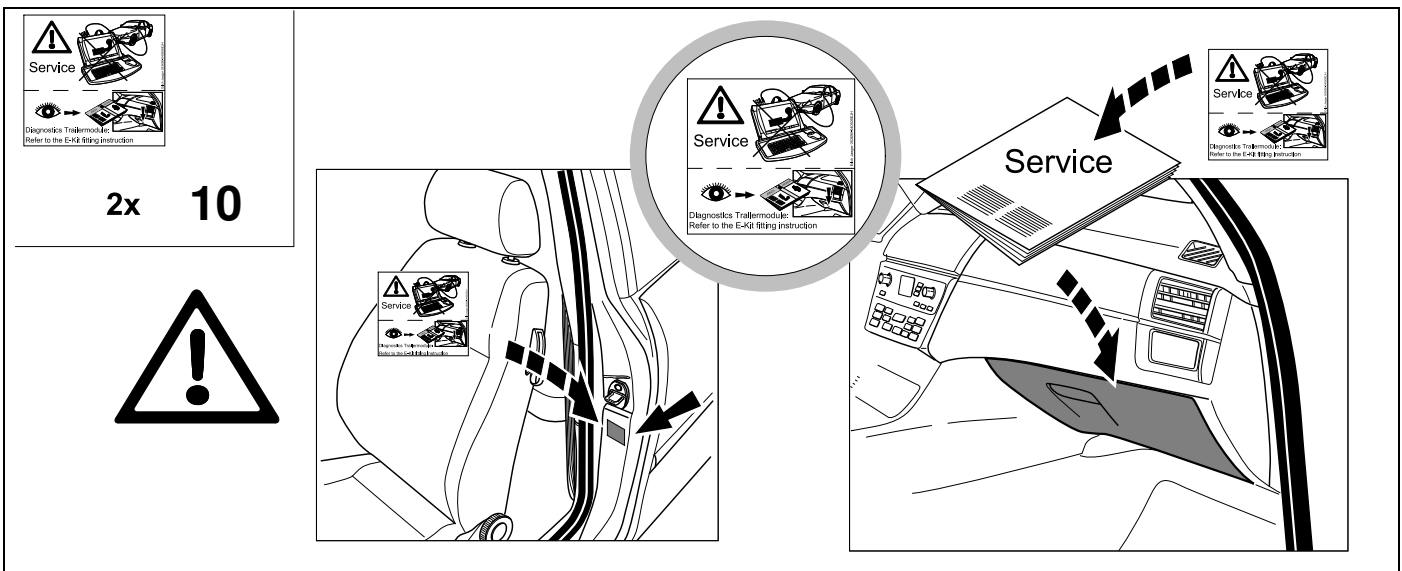
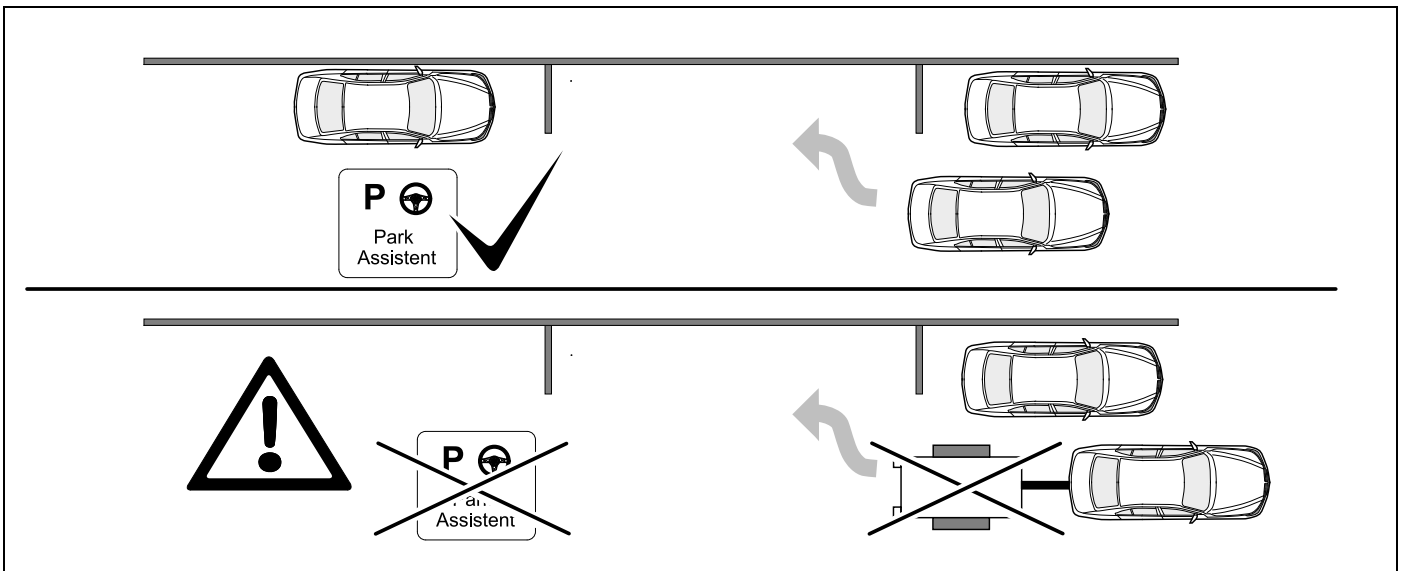


20A

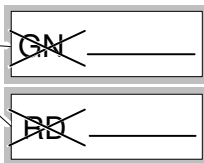
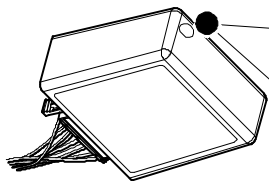
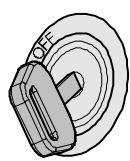


20A





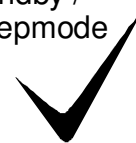
## Operation support



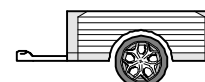
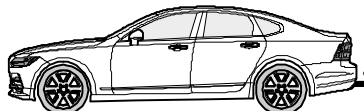
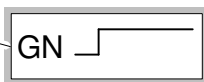
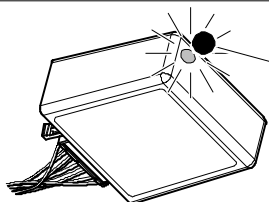
No CAN-Data =



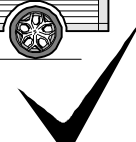
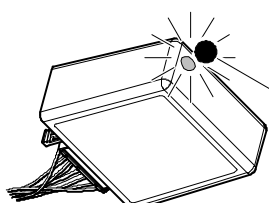
Standby / Sleepmode



Ignition OFF



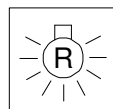
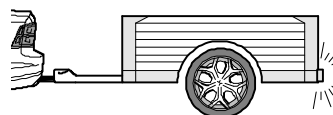
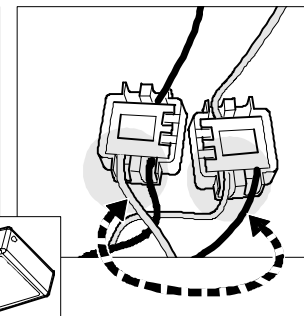
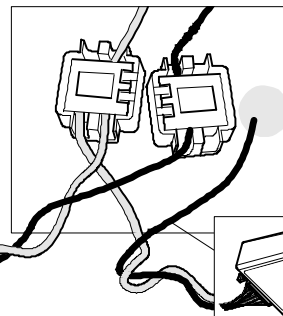
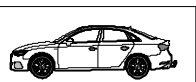
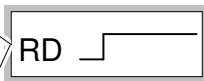
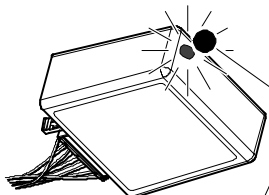
Ignition ON



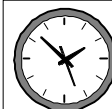
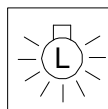
Ignition ON

## Failure support

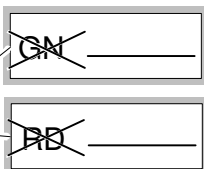
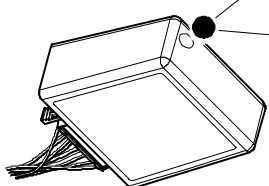
Check CAN-Data Wire



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1x max 5 min.

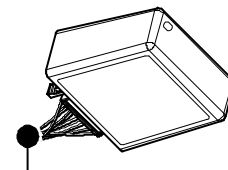
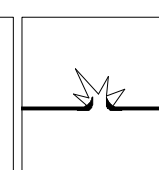
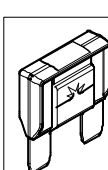
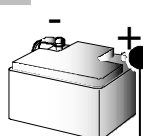


PIN 17

oder / or



PIN 1



Ignition ON

|            |                                                                                                                                                                      |            |                                                                                                                                                         |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>D</b>   | Änderungen bezüglich Konstruktion, Ausstattung Farbe sowie Irrtum vorbehalten.<br>Angaben und Abbildungen unverbindlich                                              | <b>PL</b>  | Zastrzega się prawo do zmian dot. konstrukcji, wykończenia, kolorystyki oraz pomyłek.<br>Dane i ilustracje niewiążące.                                  |
| <b>GB</b>  | Subject to change in terms of construction, equipment and colour, and may contain errors.<br>The information and illustrations are non-binding.                      | <b>TR</b>  | Tasarım, donanım ve renk bakımından değişiklik yapma hakkı ve hata ve eksiklik mahfuzdur. Veriler ve resimler bağlayıcı değildir.                       |
| <b>F</b>   | Sous réserve de modifications de la construction, de équipement, de la couleur et sous réserve d'erreurs. Les indications et les illustrations sont sans engagement. | <b>H</b>   | A szerkezet, a kivitell és a szín változtatása, valamint a változások joga fenntartva.<br>Az adatok és az ábrák nem kötelező érvényűek.                 |
| <b>NL</b>  | Wijzigingen met betrekking tot constructie, uitvoering en kleur evenals vergissingen voorbehouden. Gegevens en afbeeldingen niet bindend.                            | <b>HR</b>  | Pravo promjena u svezi konstrukcije, opreme, boje kao i zabune oridžavamo.<br>Podaci i ilustracije su neobavezne.                                       |
| <b>DK</b>  | Ændringer med hensyn til konstruktion, udstyr, farver samt fejl forbeholdes.<br>Oplysninger og illustrationer er uforpligtende.                                      | <b>BUL</b> | Запазени права по отношение на конструкцията, обзавеждането, цвета и грешки.<br>Данните и изображенията не са обвързващи.                               |
| <b>N</b>   | Endringer angående konstruksjon, utstyr, farge og feiltagelse forbeholdes.<br>Opplysninger og illustrasjoner uforbindtlig.                                           | <b>RO</b>  | Ne rezervăm dreptul unor modificări ale construcției, dotării, culorii și dreptul la erori<br>Datele indicate și imaginile sunt orientative.            |
| <b>S</b>   | Med reservation för ändringar vad det gäller konstruktion, utrustning, färg samt för misstag. Uppgifterna och bilderna är inte bindande.                             | <b>RU</b>  | Права на внесение изменений относительно конструкции, оснащения, окраски, а также на ошибки сохраняются. Данные и иллюстрации имеют примерный характер. |
| <b>FIN</b> | Pidätämme oikeuden rakennetta, varustusta, väriä koskeviin sekä erehdyksestä johtuviin muutoksiin. Tiedot ja kuvat eivät ole sitovia.                                | <b>LT</b>  | Pasilieikama konstrukcijos, įrangos bei reikmenų, spalvos pakeitimų ir klaidų teisė.<br>Duomenys ir iliustracijos neįpareigojantys.                     |
| <b>I</b>   | Con riserva di modifiche relative a progettazione, dotazione, colore ed errori.<br>Le indicazioni e figure sono fornite senza impegno.                               | <b>LV</b>  | Tiek paturētas tiesības uz konstrukcijas, iekārtu, krāsu izmaiņām, kā arī kļūdīšanās.<br>Dati un attēli bez saistībām.                                  |
| <b>E</b>   | Reservadas las modificaciones respecto a diseño, equipamiento, color, así como error. Indicaciones y figuras sin compromiso.                                         | <b>EST</b> | Konstruksiooni, varustuse ja võrvi osas muudatused ning eksimine lubatud.<br>Andmed ja joonised on mittesiduvad.                                        |
| <b>P</b>   | Reservamos o direito de alterações relativamente ao desenho, equipamento, cor, bem como de erro. Os dados e as gravuras não implicam compromisso da nossa parte.     | <b>SLO</b> | Zadržana pravica do sprememb glede konstrukcije, opreme, barve ter pomote.<br>Podatki in slike so neobvezne.                                            |
| <b>GR</b>  | Διατηρώνουμε κάθε επιφύλαξη ως προς αλλαγές σε σχέση με κατασκευή, εξοπλισμό, διαρρύθμιση, χρωματισμούς και λάθη παραδρομής.                                         | <b>SK</b>  | Zmeny, ktoré sa týkajú konštrukcie, vybavenia, farby, ako aj omyly sú vyhradené.<br>Údaje a zobrazenia sú nezáväzné.                                    |
| <b>CZ</b>  | Změny, týkající se konstrukce, vybavení, barvy, jakož i omyly jsou vyhrazeny.<br>Údaje a vyobrazení jsou nezávazné.                                                  |            |                                                                                                                                                         |

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