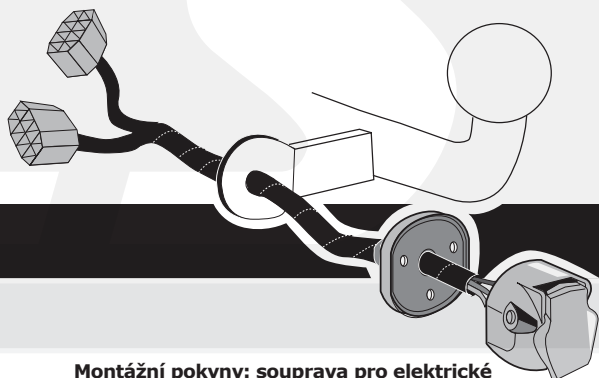




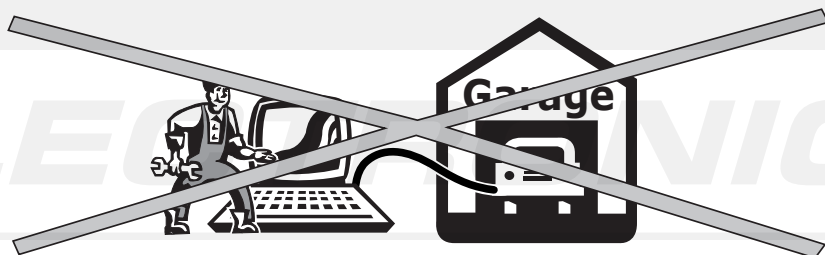
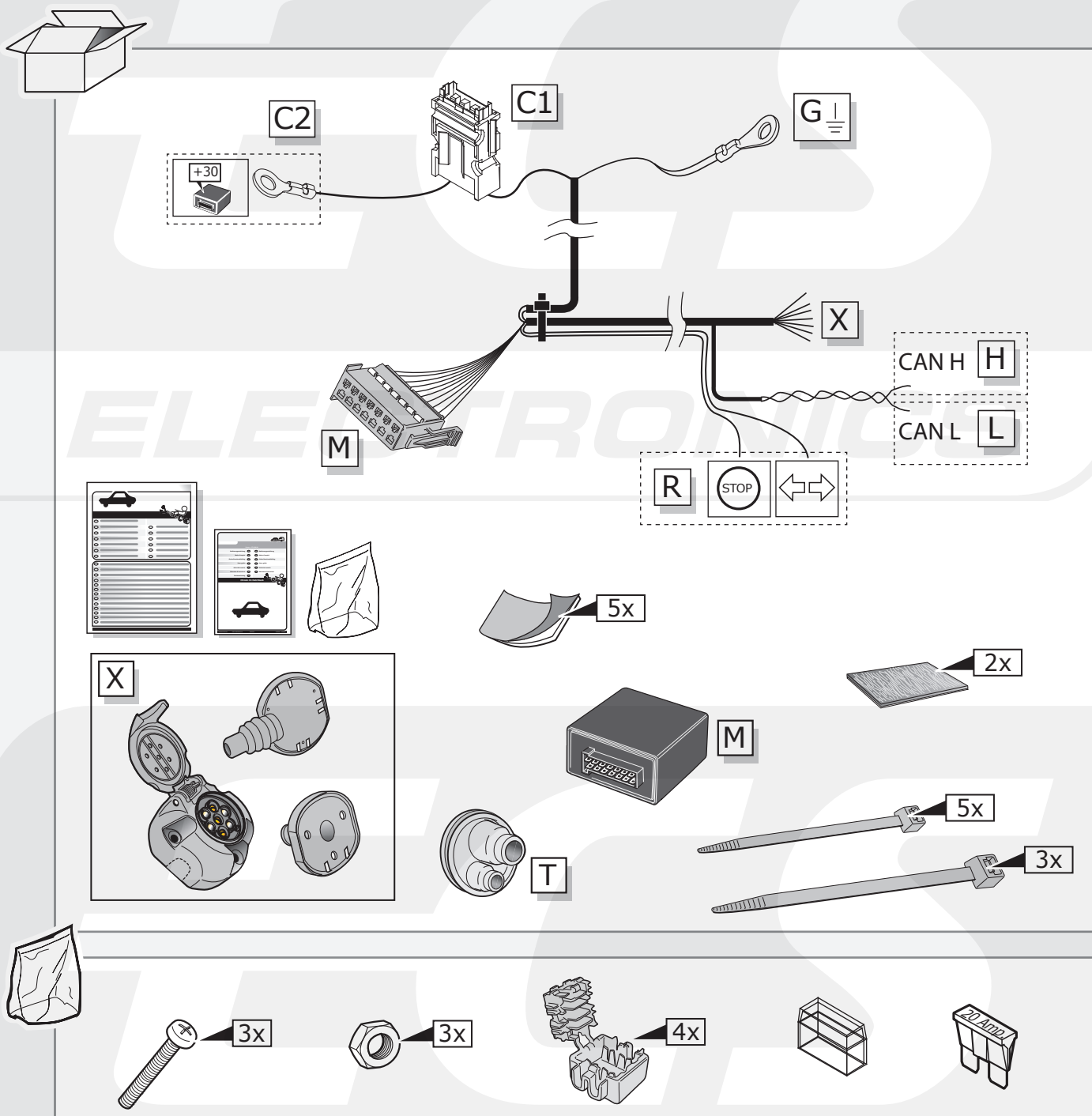
- BMW 1 Series E81, E82, E87, E88
- BMW 1 Series F20, F21 (without PDC cut off function)
- BMW 3 Series E90, E91, E92, E93
- BMW 3 Series F30, F31, F34 (without PDC cut off function)
- BMW 5 Series E60, E61, F07, F10, F11
- BMW 7 Series E65, E66, F01, F02
- BMW X1 Series E84
- BMW X3 Series F25
- BMW X5 Series E70
- BMW X6 Series E71



Partnr.: BW-008-B1

|    |                                                                                                                            |    |                                                                                                                  |
|----|----------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------|
| DE | Einbauanleitung Elektrosatz Anhängervorrichtung mit 12-N Steckdose lt. DIN/ISO Norm 1724.                                  | CZ | Montážní pokyny: souprava pro elektrické propojení tažné tyče s 12-P zásuvkou do normy DIN/ISO 1724.             |
| FR | Instructions de montage du faisceau électrique pour chrochet d'attelage conforme à la norme DIN/ISO 1724 prise 12-V.       | DK | Monteringsvejledninger for det elektriske ledningsføringsæt for trækstang med 12-N stikdåse, DIN/ISO, norm 1724. |
| NL | Montage-handleiding elektrokabelset voor trekhaak met 12-P contactdoos vlg. DIN/ISO norm 1724.                             | FI | Ohjeet vetokoukun sähkökaapelisarjan asentamiseen, jossa on DIN/ISO 1724 mukainen 12-N liitin.                   |
| GB | Fitting instructions electric wiring kit tow bar with 12-P socket up to DIN/ISO Norm 1724.                                 | GR | Οδηγίες συναρμολόγησης ηλεκτρικού σετ καλωδίων μπάρας ρυμούλκησης με υποδοχή 12-P μέχρι DIN/ISO Κανόνας 1724.    |
| ES | Instrucciones de montaje de kit eléctrico para enganche de remolque con caja de conexiones 12-P según norma DIN/ISO 1724.  | NO | Monteringsanviser elkabelsett for trekkrok med 12-P koblingsboks ifølge DIN/ISO norm 1724.                       |
| IT | Istruzioni di montaggio di set di cavi elettrici per gancio da traino con zoccolo a 12-P conforme alla norma DIN/ISO 1724. | PL | Instrukcje montażu zestawu okablowania elektrycznego dyszla holowniczego z 12-stykowym gniazdem DIN/ISO 1724.    |
| SE | Monteringsanvisningar elkabelsats för dragkrok med 12-P kontaktdosa enligt DIN/ISO norm 1724.                              |    |                                                                                                                  |

|    |                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                               |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DE | - Wir weisen ausdrücklich darauf hin, dass eine unsachgemäße und nicht in einer Fachwerkstatt durchgeführte Montage einen Verzicht auf Entschädigung jeglicher Art insbesondere bezüglich des Produkthaftpflichtrechts zur Folge hat                                                  | - Technische Änderungen vorbehalten.<br>- Widerstand nur gemäß der Tabelle auf dem Anhänger verwenden.                                                                                                                                                                                        |
| FR | - Il est expressément prévu qu' on ne saurait se prévaloir d'un quelconque préjudice contractuel ou réhibitoire si le montage avait été fait en dépit des dites instructions ou dans un garage ne disposant pas des équipements adéquats.                                             | - Sous réserve de modifications techniques.<br>- Ne excédez pas la charge maximale, indiquée dans le tableau.                                                                                                                                                                                 |
| NL | - Wij wijzen er met nadruk op, dat ondeskundige en niet door een vakkundige werkplaats uitgevoerde montage tot gevolg heeft dat daardoor ieder recht op schadevergoeding, ook op wettelijke aansprakelijkheid inzake producten, vervalt.                                              | - Technische wijzigingen voorbehouden.<br>- Gebruik alleen belasting volgens aansluittabel op het getrokken voertuig.                                                                                                                                                                         |
| GB | - 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.<br>- Do not overload circuits; the maximum loads per connection are detailed in this manual. |
| ES | - El montaje inapropiado y efectuado por personal no cualificado originará la pérdida de todo derecho a indemnización o la expropiación de toda responsabilidad civil con respecto al producto.                                                                                       | - Nos reservamos el derecho a efectuar modificaciones técnicas.<br>- Utilice sólo cargas de acuerdo a la tabla de conexión del vehículo remolcado.                                                                                                                                            |
| IT | - Sottolineiamo espressamente che un montaggio inadeguato ed eseguito da un'officina non specializzata ha come conseguenza il decadere di qualsiasi diritto al risarcimento danni, nonché alla responsabilità legale relativa ai prodotti.                                            | - Ci si riserva il diritto di apportare modifiche tecniche.<br>- Utilizzare esclusivamente un carico conforme alla tabella degli allacci relativa al veicolo in questione.                                                                                                                    |
| SE | - Vi påpekar med eftertryck att all rätt till skadeersättning och all laglig ansvarighet förfaller om monteringen inte har utförts på rätt sätt och av en professionell verkstad.                                                                                                     | - Tekniska ändringar förbehålles.<br>- Använd endast belastning enligt anslutningstabellen på det dragna fordonet.                                                                                                                                                                            |
| CZ | - Výslovně zdůrazňujeme, že jakákoli montáž, která není provedená ve specializované dílně, má za následek odvolání nároků na kompenzaci jakéhokoli druhu, obzvláště vyplývajících ze zákona o odpovědnosti za způsobení škody.                                                        | - Změny mohou být provedeny bez oznámení.<br>- Používejte pouze při maximálním nabití podle tabulky na tažném vozidle.                                                                                                                                                                        |
| DK | - Vi ønsker at gøre udtrykkeligt opmærksom på at forkert samling, der ikke er udført af et specialiseret værksted, resulterer i bortfaldelse af kompensationskrav af alle slags, i særdeles krav der måtte opstå omkring det lovpligtige ansvar.                                      | - Kan ændres uden varsel.<br>- Brug kun den maksimale belastning, i overensstemmelse med forbindelsesetabellen for bugserede køretøjer.                                                                                                                                                       |
| FI | - Korostamme, että kaikki oikeudet vahinkokorvaukseen kuten myös valmistajan laillinen vastuu raukeavat, mikäli asennusta ei ole toteutettu oikealla tavalla eikä ammattitaitoisen asiantuntijan toimesta.                                                                            | - Oikeus tekniisiin muutoksiin ilman erillistä huomautusta pidetään.<br>- Kuormita työvirtapiiriä ainoastaan hinattavan ajoneuvon kytkentäkaavion mukaisesti.                                                                                                                                 |
| GR | - Επισημαίνουμε κατηγορηματικά ότι οποιαδήποτε εσφαλμένη συναρμολόγηση, η οποία δεν έχει πραγματοποιηθεί ειδικό εργαστήριο θα οδηγήσει σε αποποίηση των αξιώσεων επιβολής αποζημιώσεων οποιαδήποτε είδους, ειδικά όσα προκύπτουν από το νόμο ευθύνης προϊόντων.                       | - Μπορεί να τροποποιηθεί χωρίς προηγούμενη ειδοποίηση.<br>- Χρησιμοποιείτε μόνο μέγιστο ηλεκτρικό φορτίο σύμφωνα με τον πίνακα σύνδεσης στο ρυμούλκούμενο όχημα.                                                                                                                              |
| NO | - Vi påpeker ettertrykkelig at all rett til skadeerstatning og rettslig ansvar forfaller dersom monteringen ikke er blitt utført på riktig måte og av et profesjonelt verksted.                                                                                                       | - Tekniske endringer forbeholdes.<br>- Overskrid ikke grensene anviset i tilkoblingstabellen på tilhengeren eller det tilkoblede kjøretøyet.                                                                                                                                                  |
| PL | - Chcielibyśmy wyraźnie zaznaczyć, iż wszelki nieprawidłowy montaż, który nie jest wykonywany w specjalistycznym warsztacie pociąga za sobą utratę możliwości dochodzenia wszelkiego typu roszczeń, w szczególności tych wynikających z odpowiedzialności producenta za swój produkt. | - Podlega zmianom bez powiadomienia.<br>- Używać tylko takiego maksymalnego obciążenia które wynika z tabliczki połączeń holowanego pojazdu.                                                                                                                                                  |



## INFO

- (DE) Fragen Sie erst den Händler, ob ein Erweiterungsset für Anhängerkupplung plus Wärmeisolation (wegen Kühlung) für Ihr Fahrzeug verfügbar ist.
- (FR) Renseignez-vous d'abord auprès du concessionnaire pour savoir si un kit d'extension pour crochet de remorquage avec isolation thermique (dans le cadre du refroidissement) s'applique à votre véhicule.
- (NL) Eerst informeren bij de dealer of een uitbreidingsset voor trekhaak plus warmteisolaties (ivm koeling) van toepassing is voor uw voertuig.
- (GB) First inquire at the dealer if an expansion set for a towing hook plus heat insulation (in connection with cooling) applies to your vehicle.
- (ES) Consulte al concesionario si al instalar enganche de remolque es necesario equipar su vehículo con un sistema de aislamiento térmico adicional (conectado al sistema de refrigeración).
- (IT) È necessario informarsi preventivamente presso il concessionario se è possibile applicare al veicolo un set supplementare per il gancio di trazione e gli isolamenti per il calore (in relazione al raffreddamento).
- (SE) Ska du först rådfråga din återförsäljare om extrautrustning med dragkrok plus värmeisolering (i anslutning till kylning) tillämpas för ditt fordon.
- (CZ) Se nejprve u prodejce dotážete, lze-li pro vaše vozidlo použít rozšiřující sadu s tažným hákem a tepelnou izolací (společně s chlazením).
- (DK) Skal du først spørge forhandleren, om der findes et udvidelsessæt med trækrog plus varmeisolering (i forbindelse med køling) til din bil.
- (FI) Kysy ensin jälleenmyyjältä, sopiiko ajoneuvoon laajennussarja, jossa on hinausjoukku ja lämpöeristys (jäähdytysjärjestelmässä).
- (GR) Ρωτήστε τον αντιπρόσωπο εάν εφαρμόζεται στο όχημά σας σετ εκτόνωσης με γάντζο ρυμούλκησης και θερμομόνωση (σε σχέση με την ψύξη).
- (NO) Må man høre med forhandleren om det finnes et sett med krok og varmeisolasjon (i tilfelle nedkjøling) som er tilpasset kjøretøyet.
- (PL) Najpierw należy dowiedzieć się u dealera, czy hak holowniczy z izolacją cieplną (połączoną z chłodzeniem) jest dostępny dla pojazdu.
- (RU) Проинформируйте у дилера о возможности применения для вашего автомобиля дополнительного комплекта для сцепного крюка и теплоизоляции (в связи с охлаждением).

## INFO

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

## INFO

**BMW 5 Series F10, F11**  
**BMW 7 Series F01, F02**



Pag. 4

**BMW X3 Series F25**



Pag. 7

**BMW 1 Series E81, E82, E87, E88**  
**BMW 3 Series E90, E91, E92, E93**  
**BMW 5 Series E60, E61, F07**  
**BMW 7 Series E65, E66**  
**BMW X1 Series E84**  
**BMW X5 Series E70**  
**BMW X6 Series E71**



Pag. 10

**BMW 1 Series E81, E82, E87, E88**  
**BMW 3 Series E90, E91, E92, E93**  
**BMW 5 Series E60, E61, F07**  
**BMW 7 Series E65, E66**  
**BMW X1 Series E84**  
**BMW X5 Series E70**  
**BMW X6 Series E71**



Pag. 13

**BMW 1 Series F20, F21**



Pag. 16

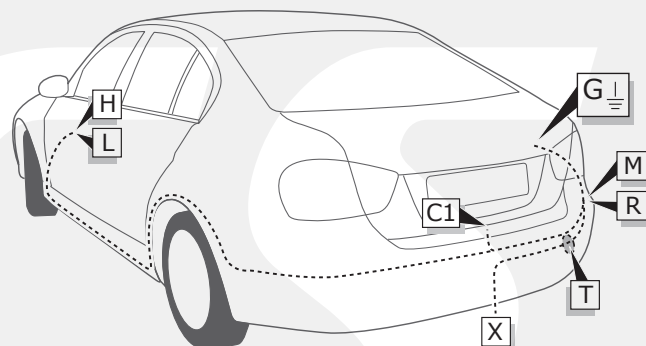
**BMW 3 Series F30, F31, F34**



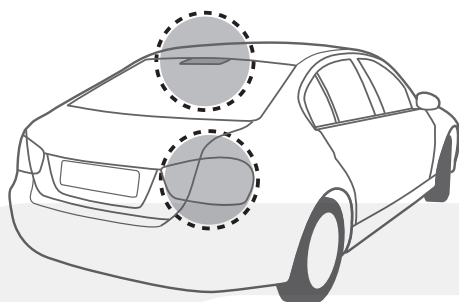
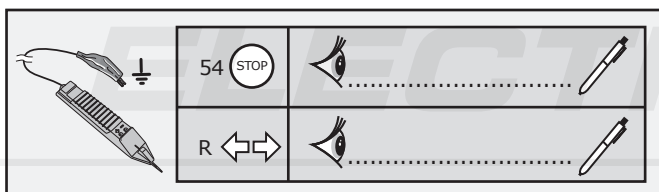
Pag. 19

**BMW 5 Series F10, F11**  
**BMW 7 Series F01, F02**

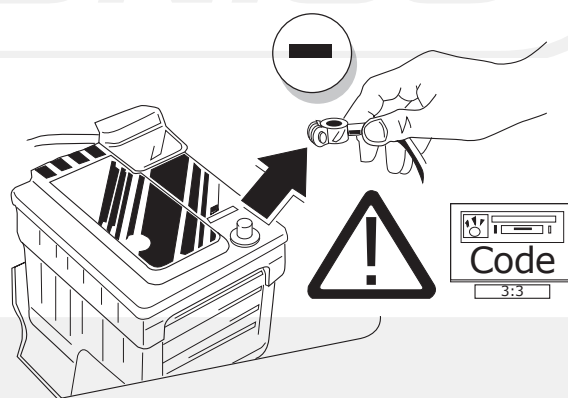
**ROUTING**



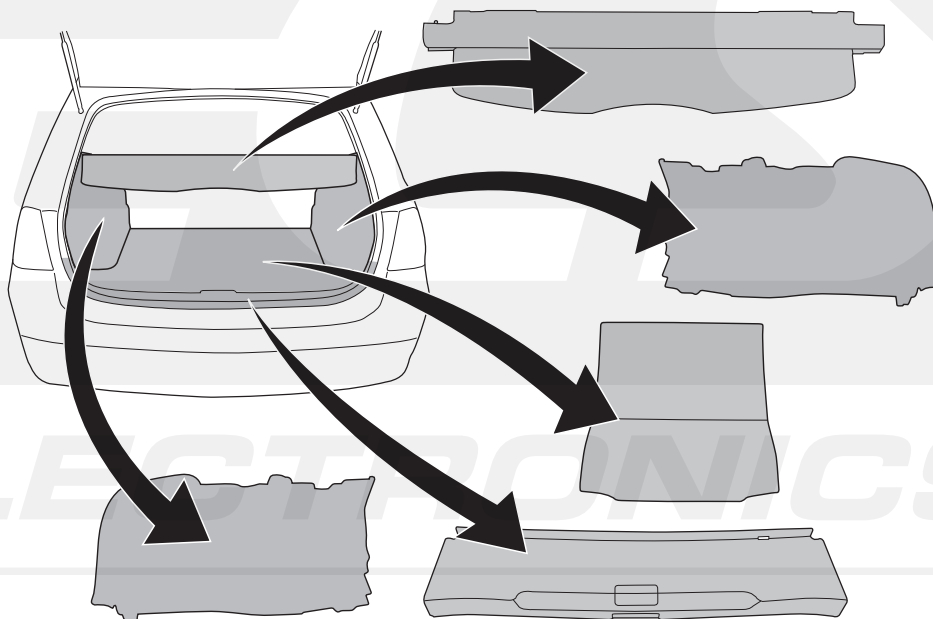
**1**



**2**



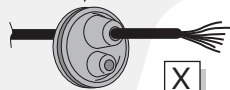
**3**



4

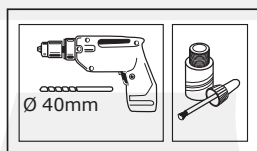
## INFO

X

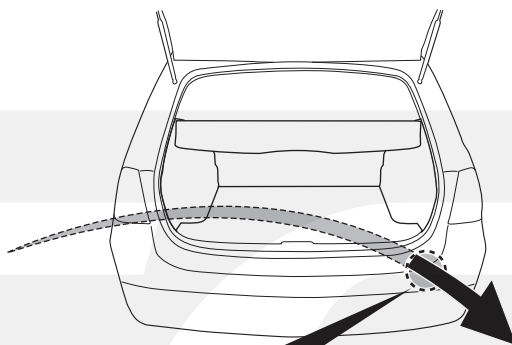


X

2



1



## INFO

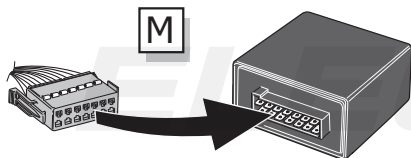
- (DE) Anschluss Steckdose
- (FR) Connection de la prise
- (NL) Contactdoos aansluiting
- (GB) Socket connection
- (ES) Conexión de la caja de enchufe
- (IT) Allaccio zoccolo
- (SE) Anslutning kontaktdosa
- (CZ) Objímkový konektor
- (DK) Stikdåse forbindelse
- (FI) Pistorasia liitäntä
- (GR) Υποδοχή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



Pag. 25

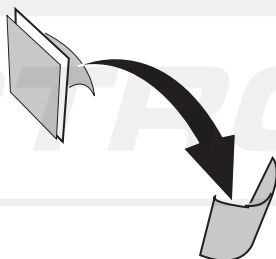
5

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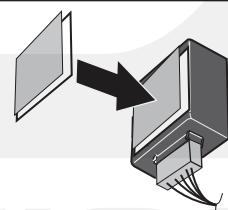


M

2

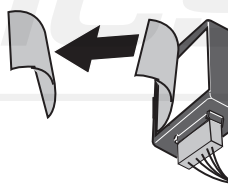


3



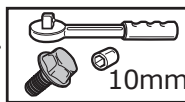
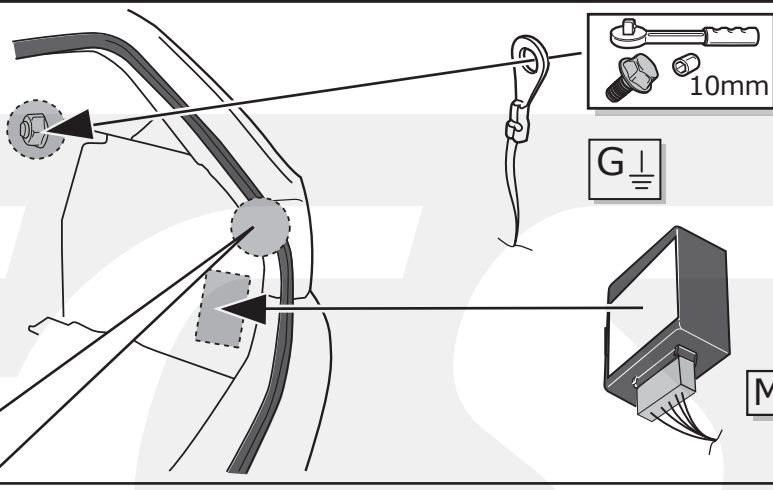
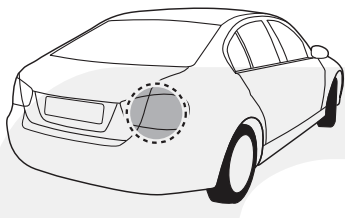
M

4



M

6



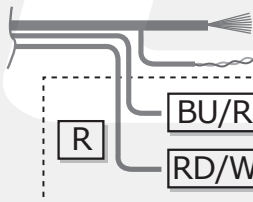
10mm



G I

M

## INFO



R

BU/RD

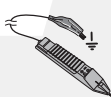
RD/WH



54 STOP

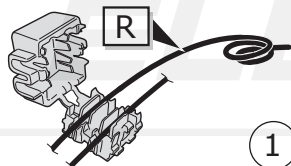
R ↔

Pag. 4



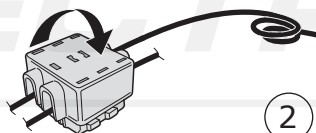
54 STOP

R ↔

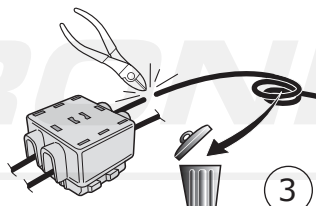


R

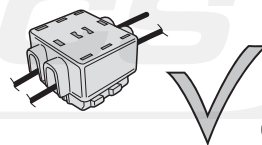
1



2

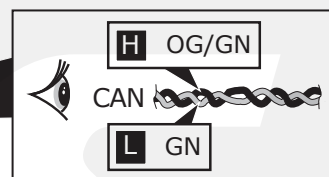
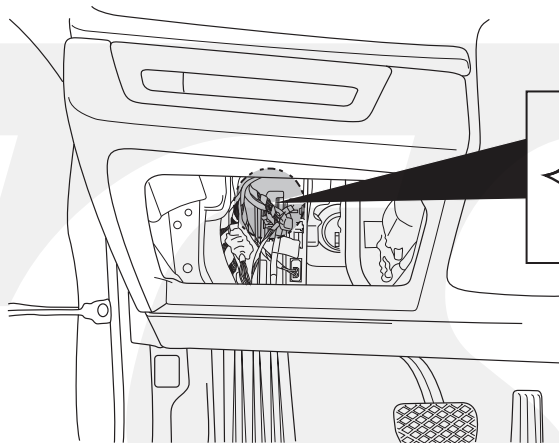
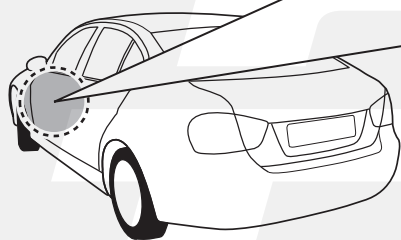


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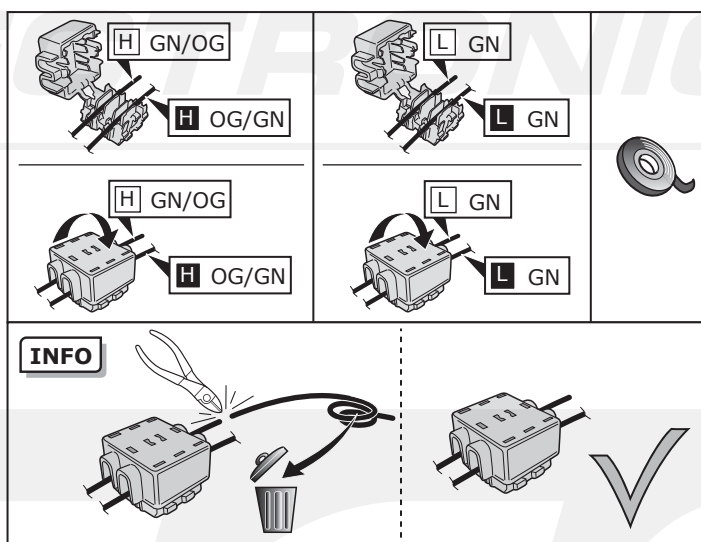
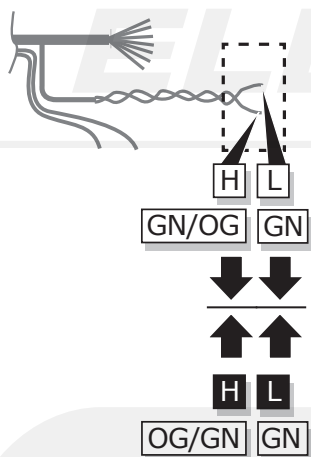


4

7



8



## INFO



Pag. 3

- |          |           |
|----------|-----------|
| Farben   | Barevným  |
| Couleurs | Farverne  |
| Kleuren  | Coloria   |
| Colours  | χρώματα   |
| Colores  | Farget    |
| Colori   | Kolorować |
| Färgar   |           |

9

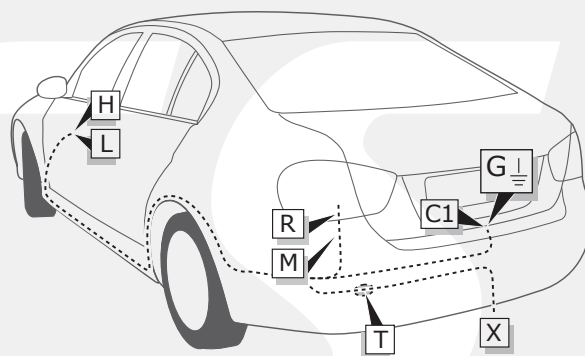


Pag. 22

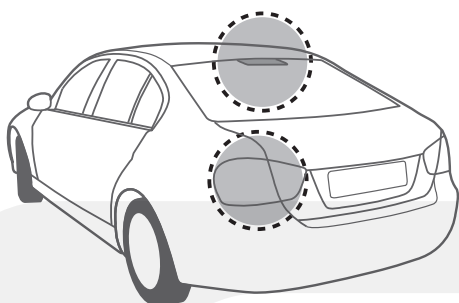
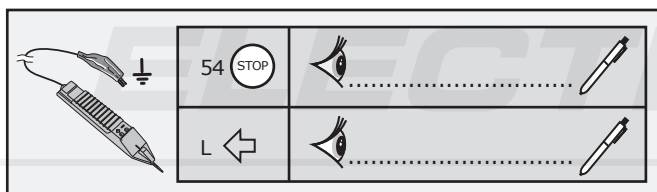
ELECTRONICS

## BMW X3 Series F25

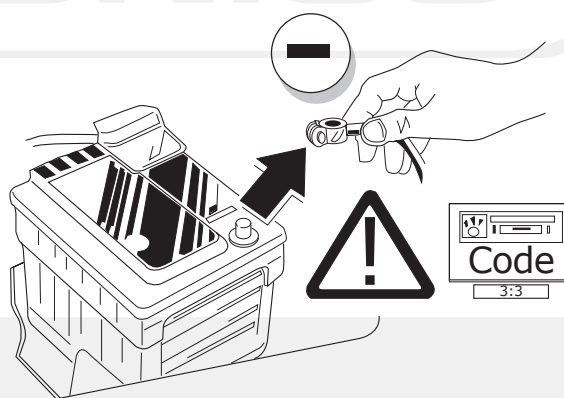
### ROUTING



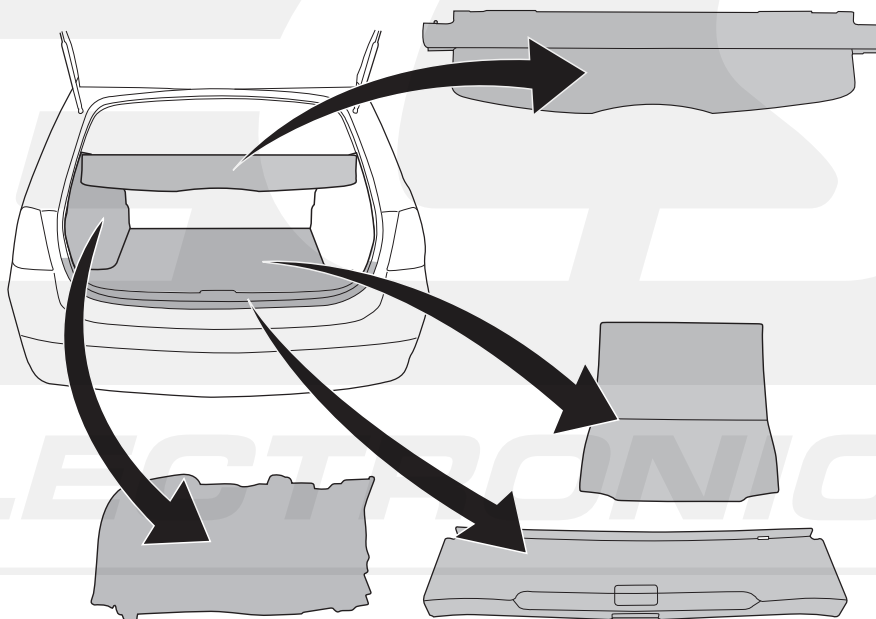
10



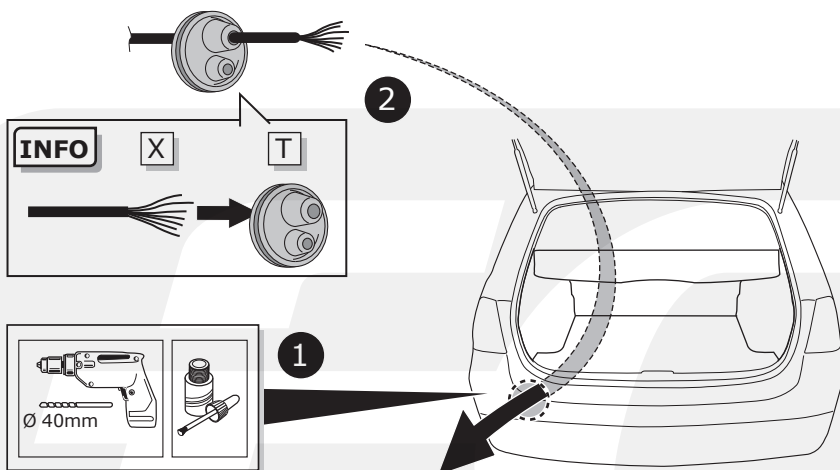
11



12



13



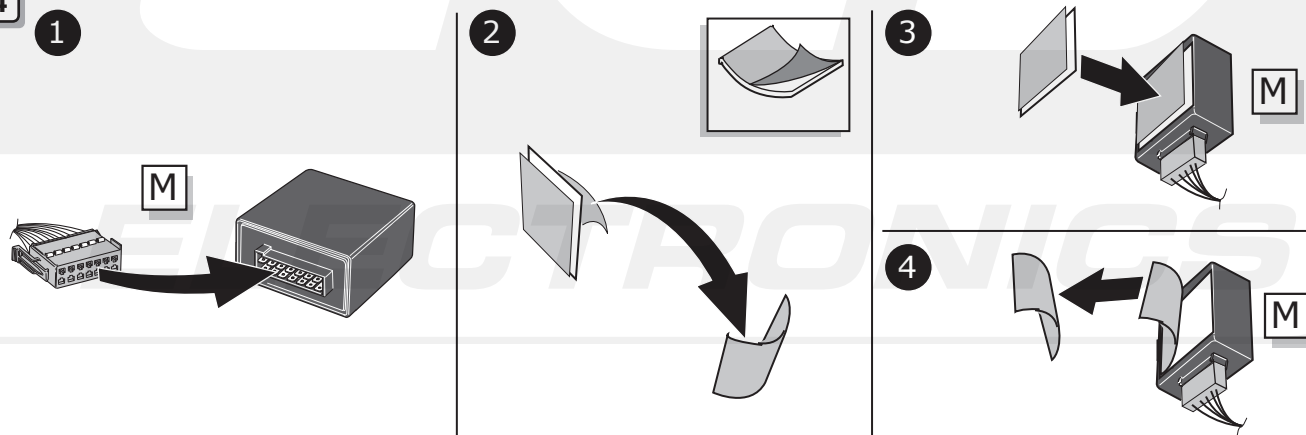
## INFO

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

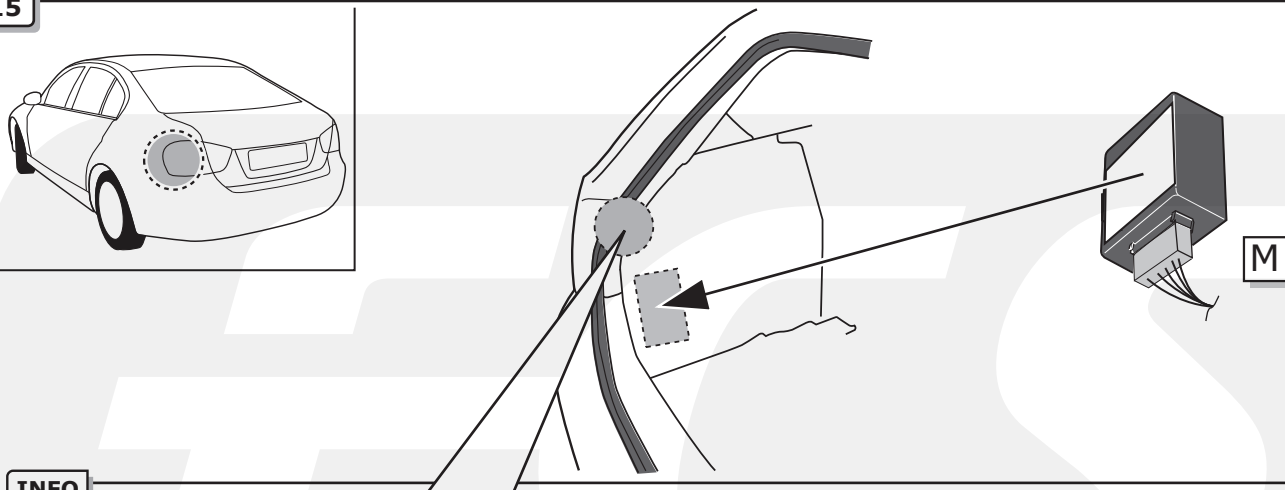


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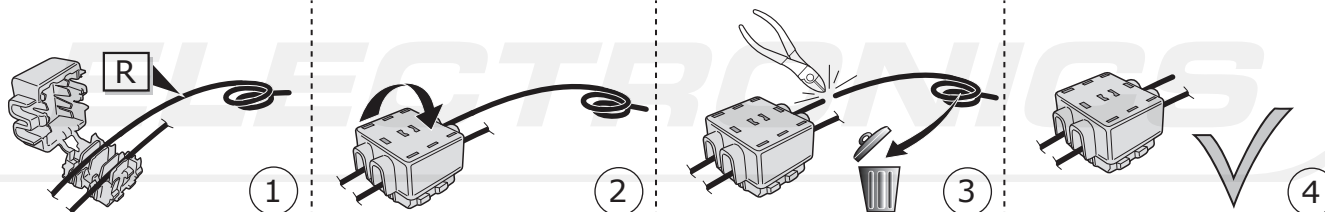
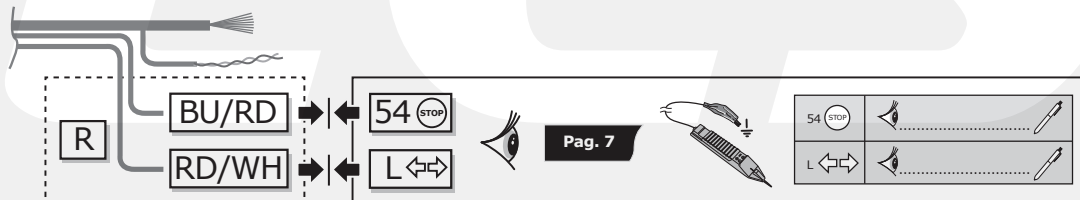
14



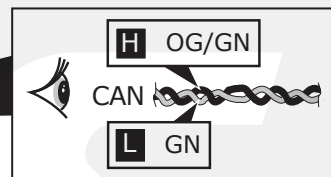
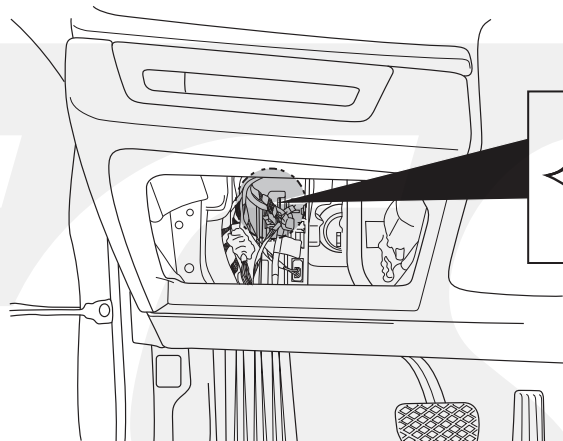
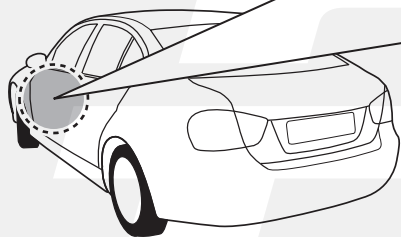
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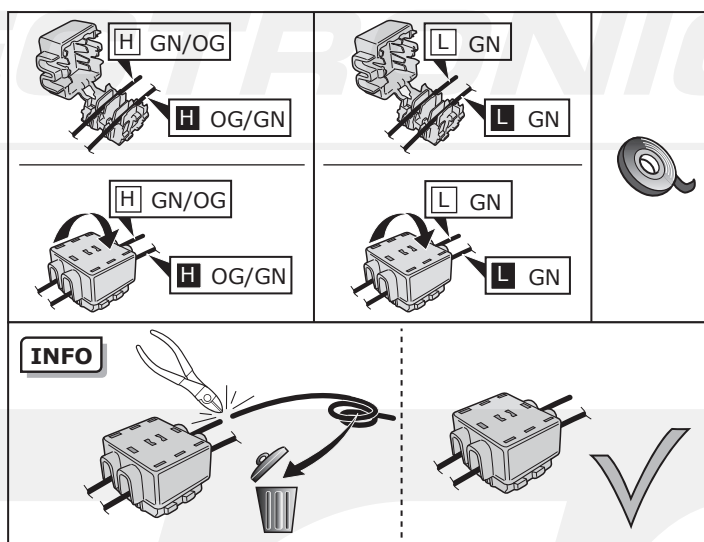
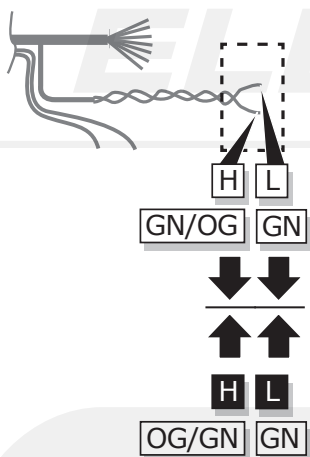
## INFO



16



17



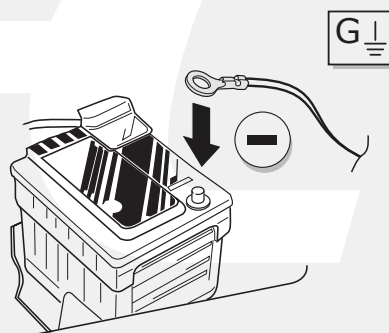
## INFO



Pag. 3

- |             |              |
|-------------|--------------|
| DE Farben   | CZ Barevným  |
| FR Couleurs | DK Farverne  |
| NL Kleuren  | FI Coloria   |
| GB Colours  | GR χρώματα   |
| ES Colores  | NO Farger    |
| IT Colori   | PL Kolorować |
| SE Färger   |              |

18



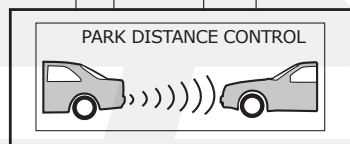
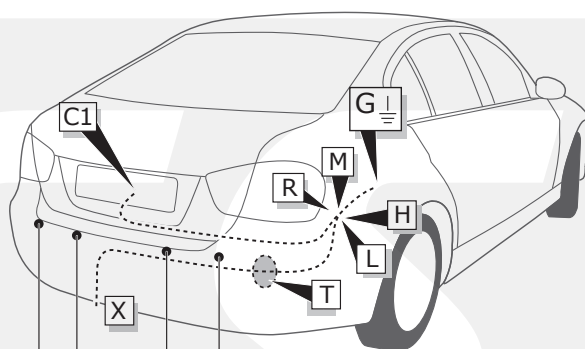
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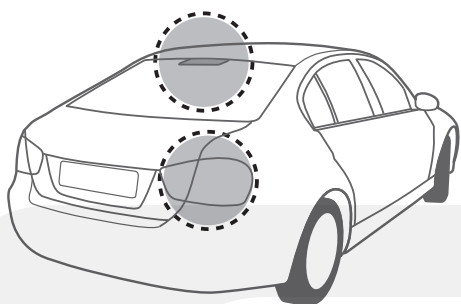
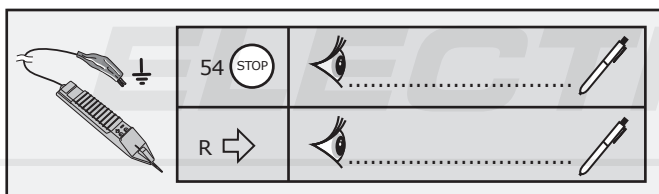
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**BMW 1 Series E81, E82, E87, E88**  
**BMW 3 Series E90, E91, E92, E93**  
**BMW 5 Series E60, E61, F07**  
**BMW 7 Series E65, E66**  
**BMW X1 Series E84**  
**BMW X5 Series E70**  
**BMW X6 Series E71**

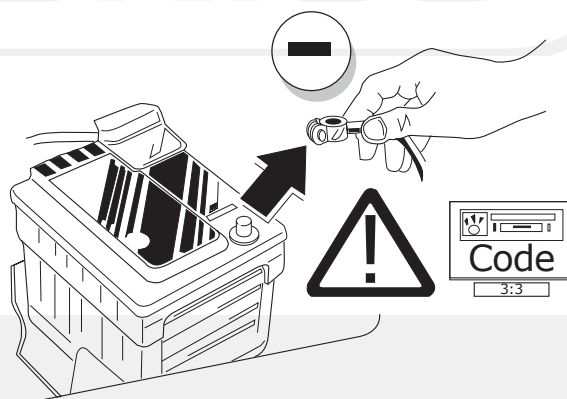
## ROUTING



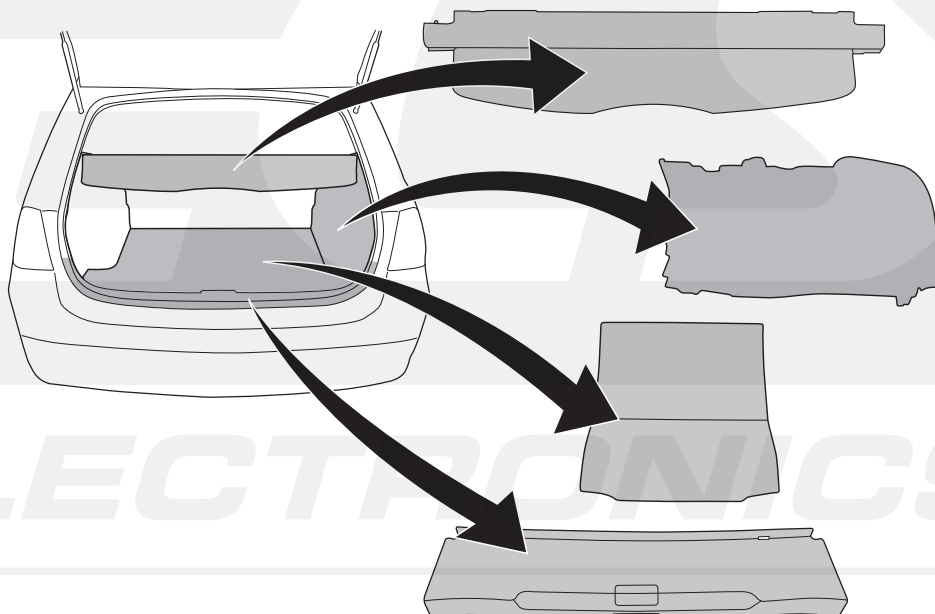
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21



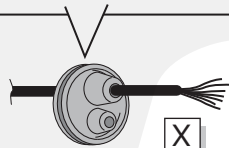
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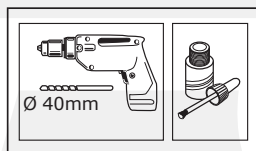
23

## INFO

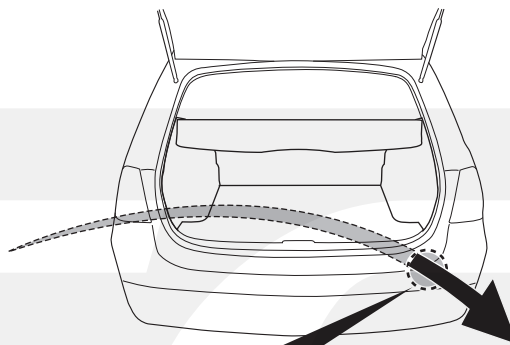
X



2



1



## INFO

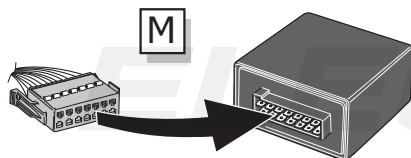
- (DE) Anschluss Steckdose
- (FR) Connection de la prise
- (NL) Contactdoos aansluiting
- (GB) Socket connection
- (ES) Conexión de la caja de enchufe
- (IT) Allaccio zoccolo
- (SE) Anslutning kontaktdosa
- (CZ) Objímkový konektor
- (DK) Stikdåse forbindelse
- (FI) Pistorasia liitäntä
- (GR) Υποδοχή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



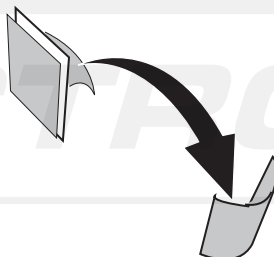
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24

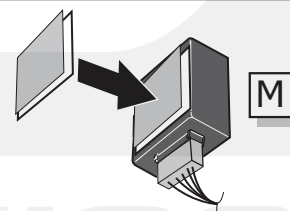
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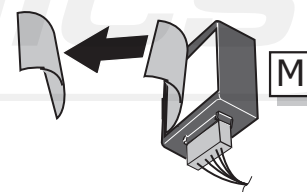
2



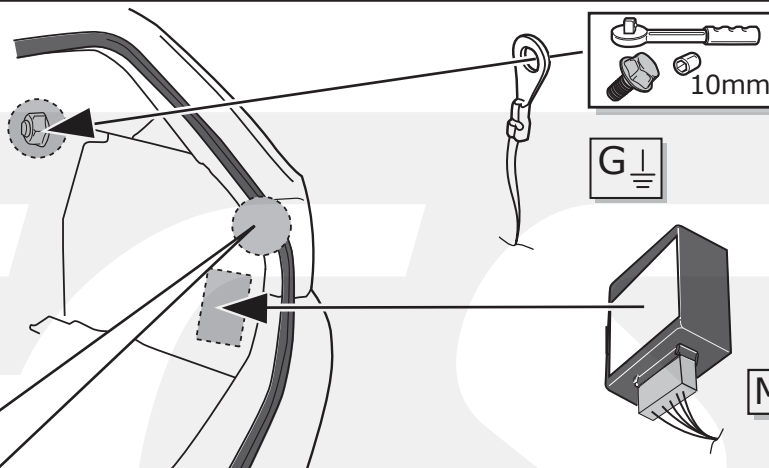
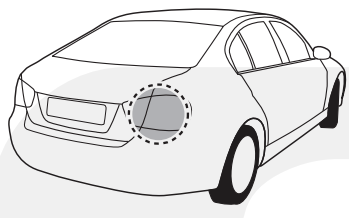
3



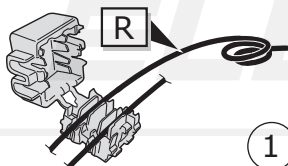
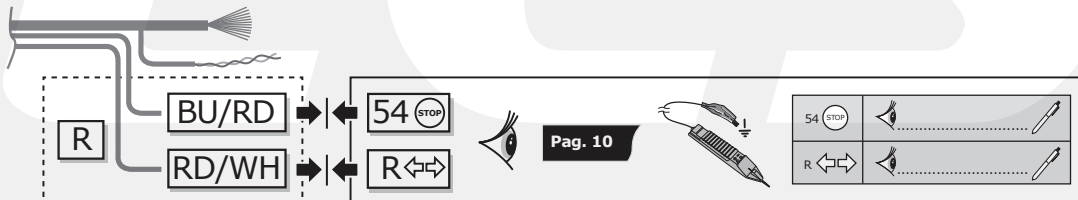
4



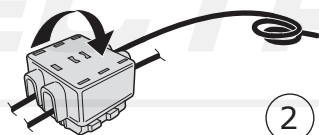
25



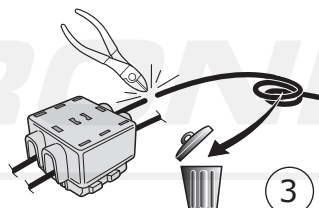
## INFO



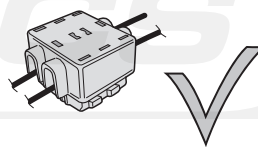
1



2



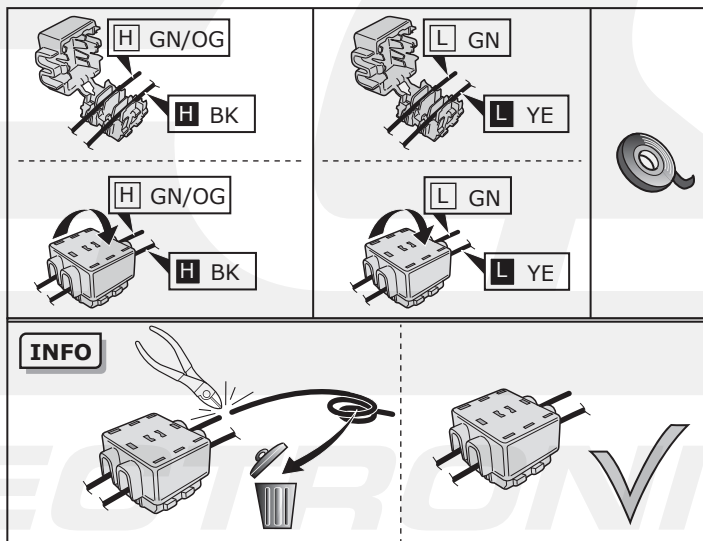
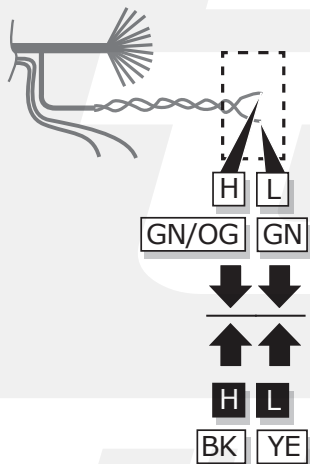
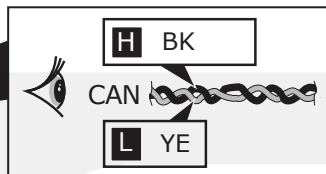
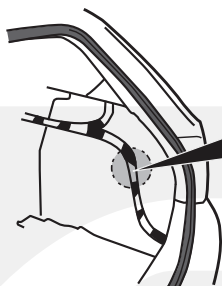
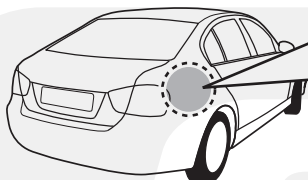
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4

26

## OPTION 1: E60 / E61



## INFO

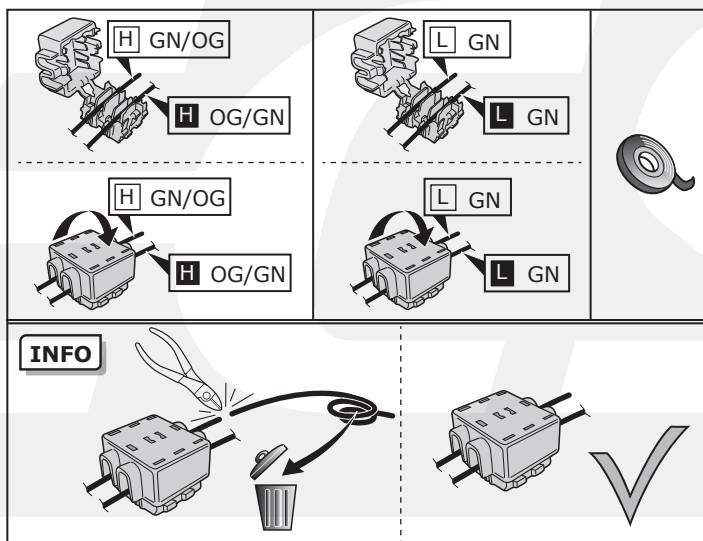
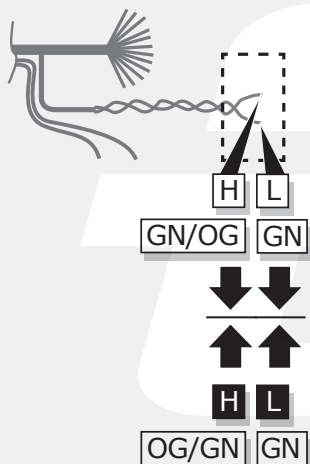
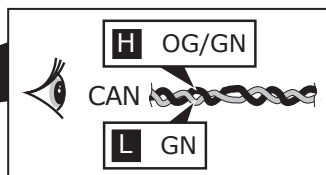
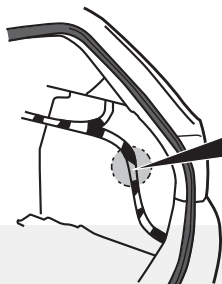
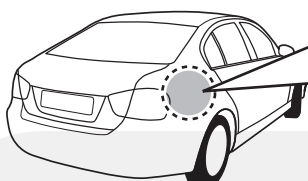


Pag. 3

- |             |              |
|-------------|--------------|
| DE Farben   | CZ Barevným  |
| FR Couleurs | DK Farverne  |
| NL Kleuren  | FI Coloria   |
| ES Colours  | GR χρώματα   |
| ES Colores  | NO Farget    |
| IT Colori   | PL Kolorować |
| SE Färger   |              |

27

## OPTION 2: Other models



## INFO



Pag. 3

- |             |              |
|-------------|--------------|
| DE Farben   | CZ Barevným  |
| FR Couleurs | DK Farverne  |
| NL Kleuren  | FI Coloria   |
| ES Colours  | GR χρώματα   |
| ES Colores  | NO Farget    |
| IT Colori   | PL Kolorować |
| SE Färger   |              |

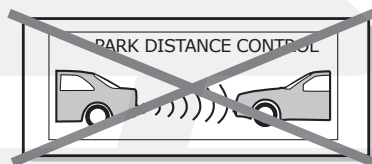
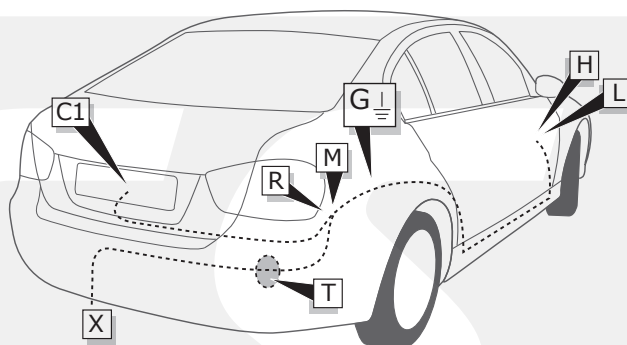
28



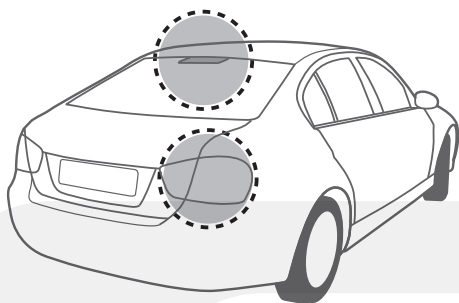
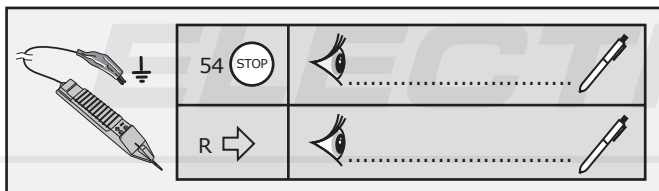
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**BMW 1 Series E81, E82, E87, E88**  
**BMW 3 Series E90, E91, E92, E93**  
**BMW 5 Series E60, E61, F07**  
**BMW 7 Series E65, E66**  
**BMW X1 Series E84**  
**BMW X5 Series E70**  
**BMW X6 Series E71**

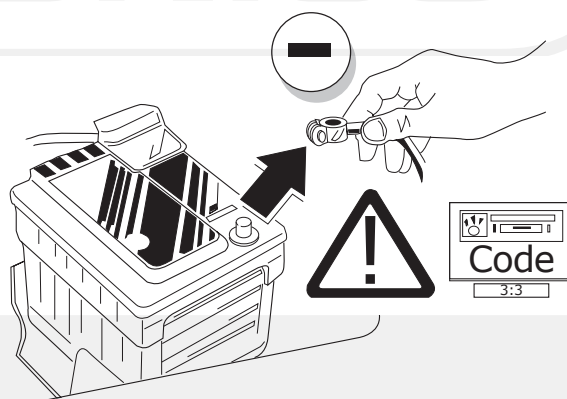
## ROUTING



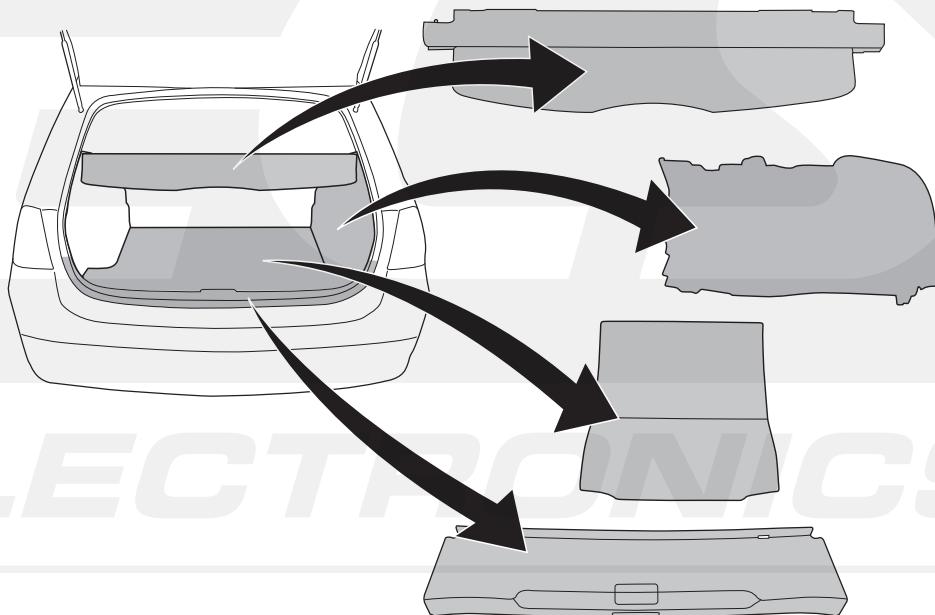
29



30



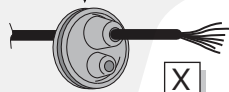
31



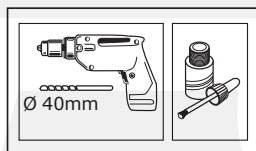
32

## INFO

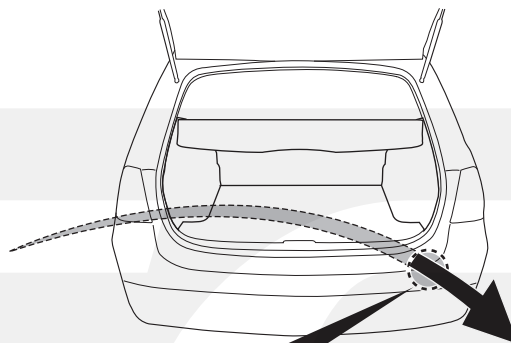
X



2



1



## INFO

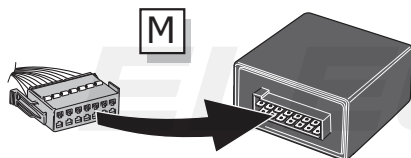
- (DE) Anschluss Steckdose
- (FR) Connection de la prise
- (NL) Contactdoos aansluiting
- (GB) Socket connection
- (ES) Conexión de la caja de enchufe
- (IT) Allaccio zoccolo
- (SE) Anslutning kontaktdosa
- (CZ) Objímkový konektor
- (DK) Stikdåse forbindelse
- (FI) Pistorasia liitäntä
- (GR) Υποδοχή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



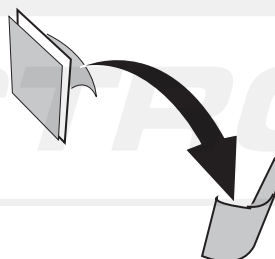
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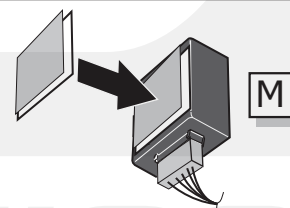
1



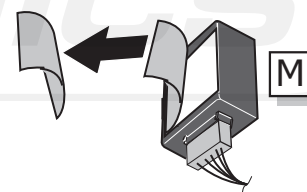
2



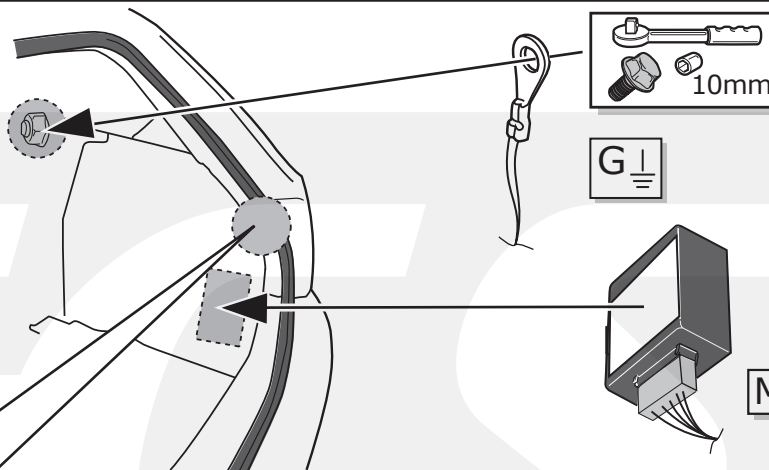
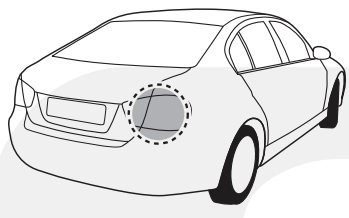
3



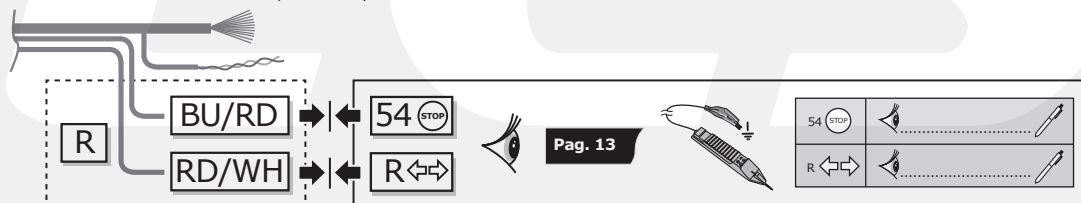
4



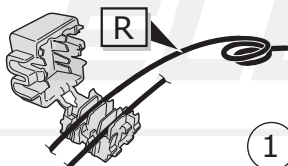
34



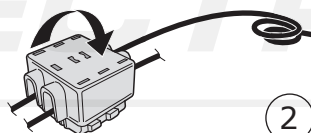
## INFO



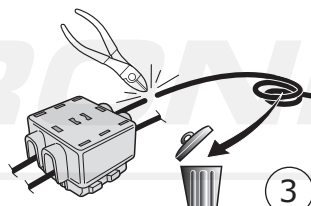
Pag. 13



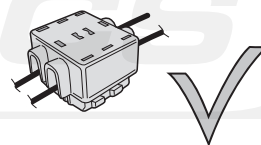
1



2



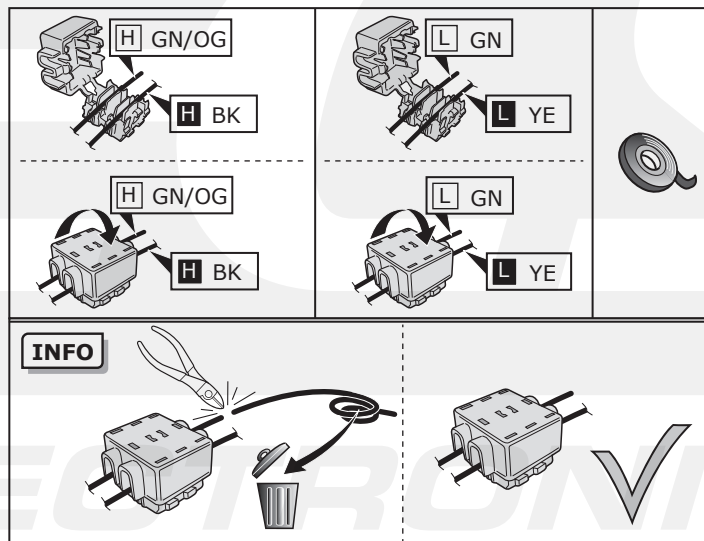
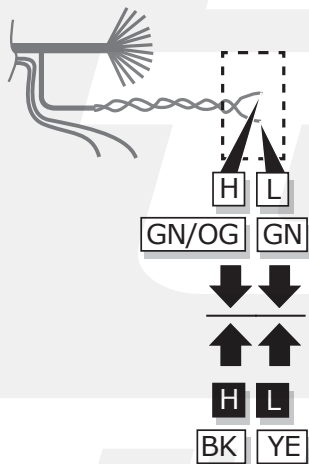
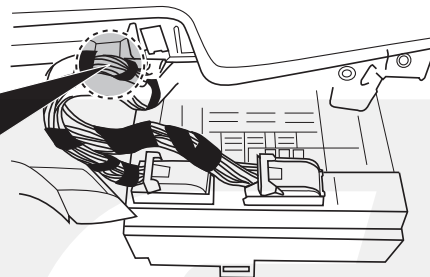
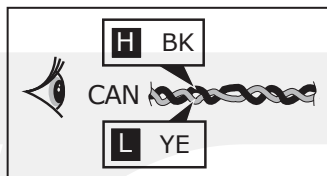
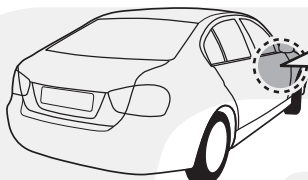
3



4

35

## OPTION 1: E60 / E61



## INFO

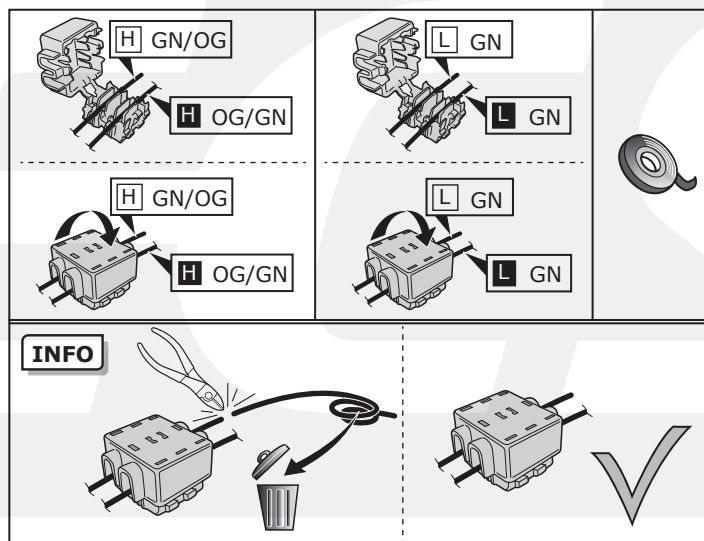
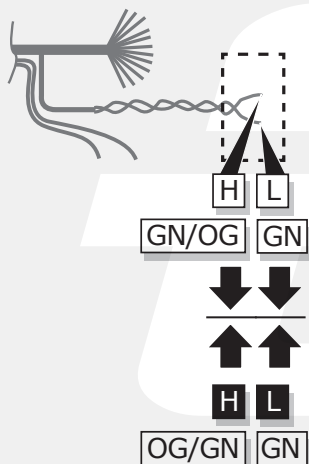
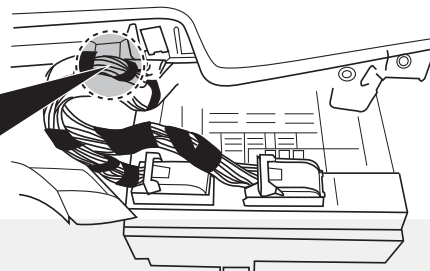
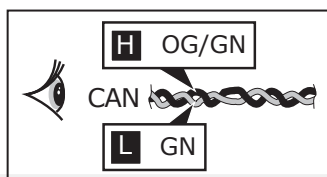
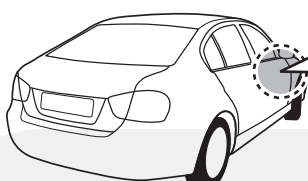


Pag. 3

- |             |              |
|-------------|--------------|
| DE Farben   | CZ Barevným  |
| FR Couleurs | DK Farverne  |
| NL Kleuren  | FI Coloria   |
| ES Colours  | GR χρώματα   |
| ES Colores  | NO Farget    |
| IT Colori   | PL Kolorować |
| SE Färgar   |              |

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## OPTION 2: Other models



## INFO



Pag. 3

- |             |              |
|-------------|--------------|
| DE Farben   | CZ Barevným  |
| FR Couleurs | DK Farverne  |
| NL Kleuren  | FI Coloria   |
| ES Colours  | GR χρώματα   |
| ES Colores  | NO Farget    |
| IT Colori   | PL Kolorować |
| SE Färgar   |              |

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## BMW 1 Series F20, F21

### INFO



without PDC cut off  
function

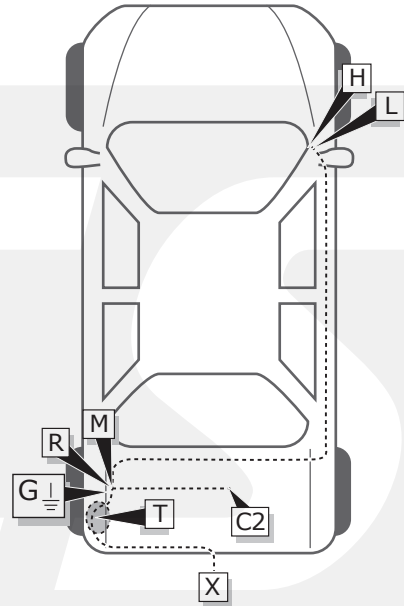
PARK DISTANCE CONTROL



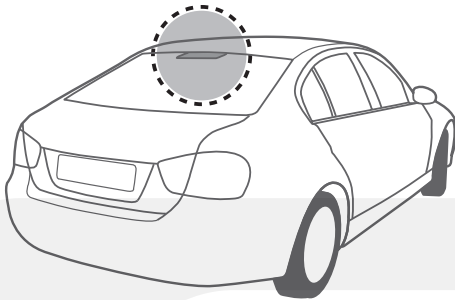
PARK DISTANCE CONTROL



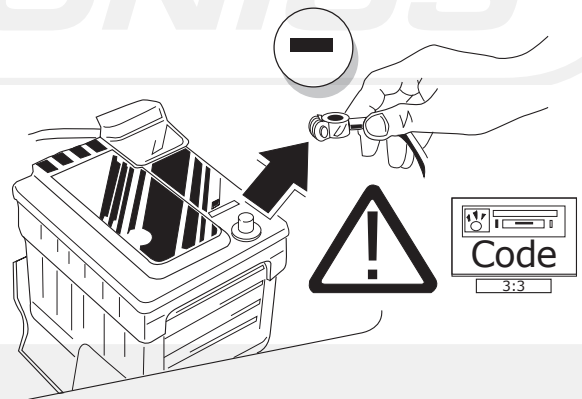
### ROUTING



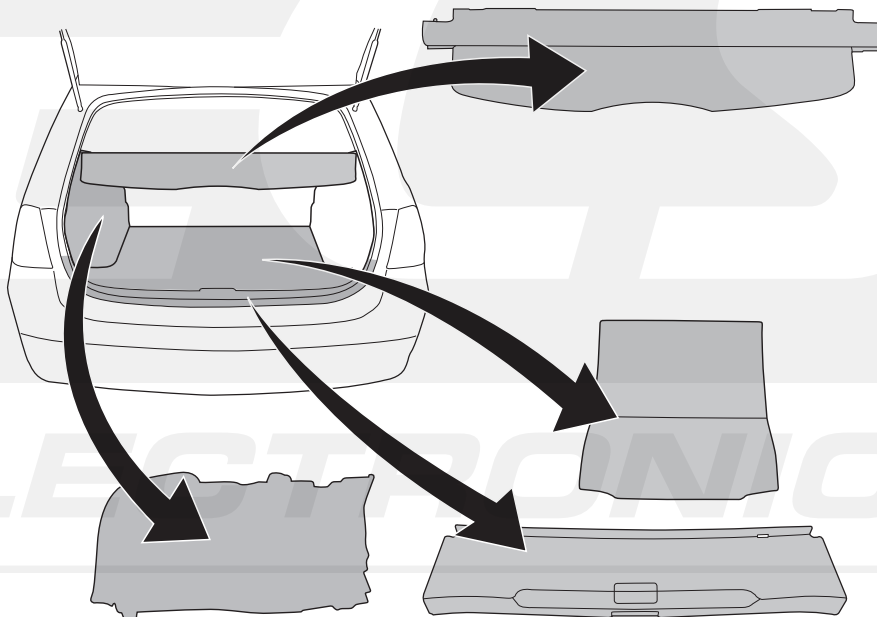
38



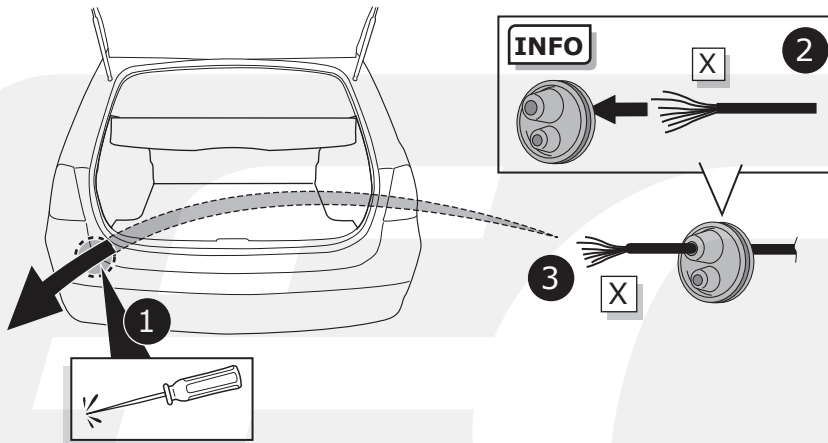
39



40



41



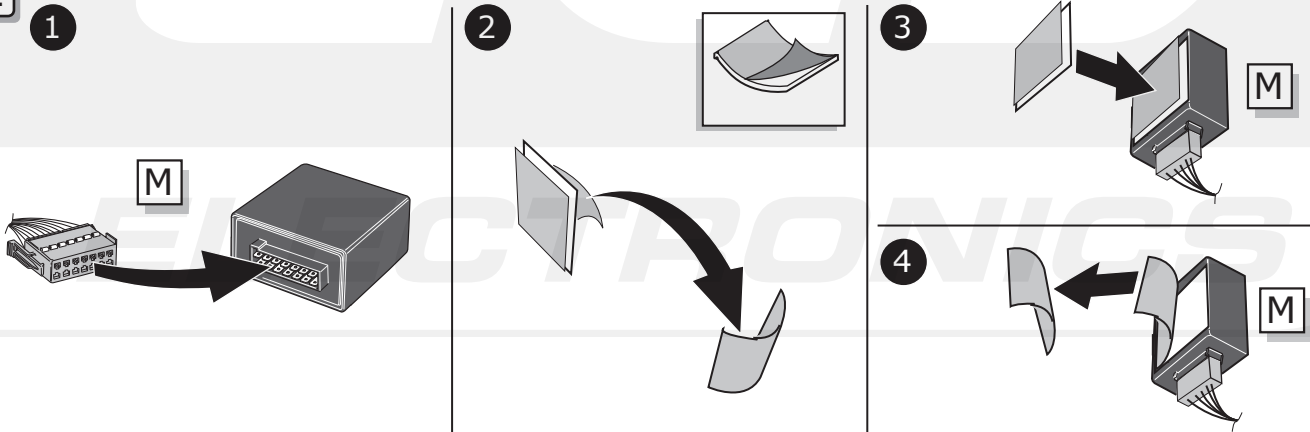
INFO

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

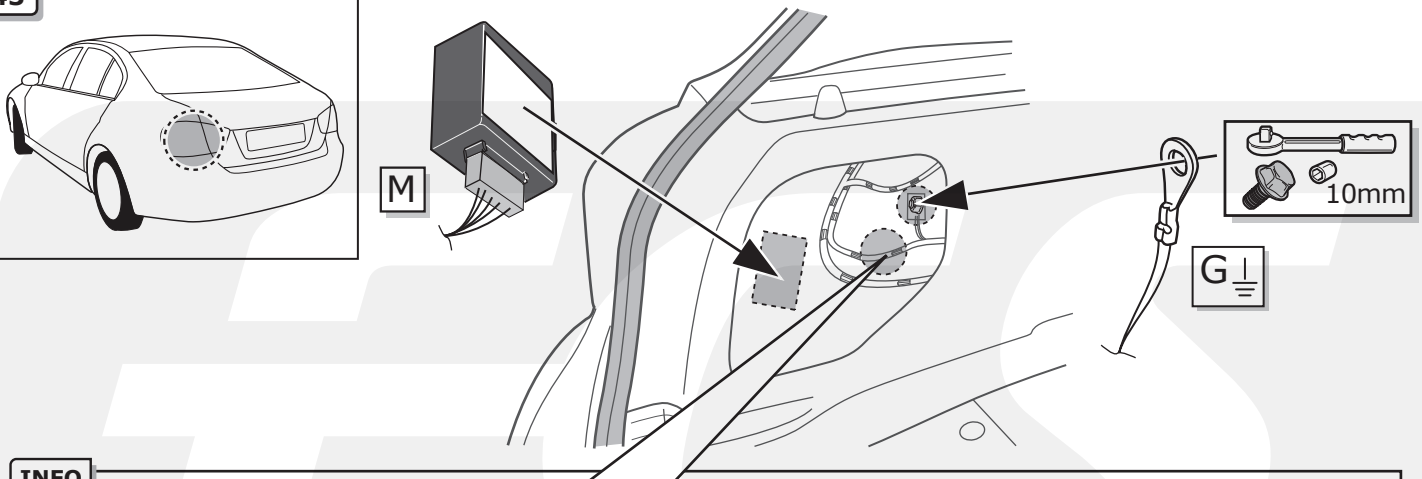


Pag. 25

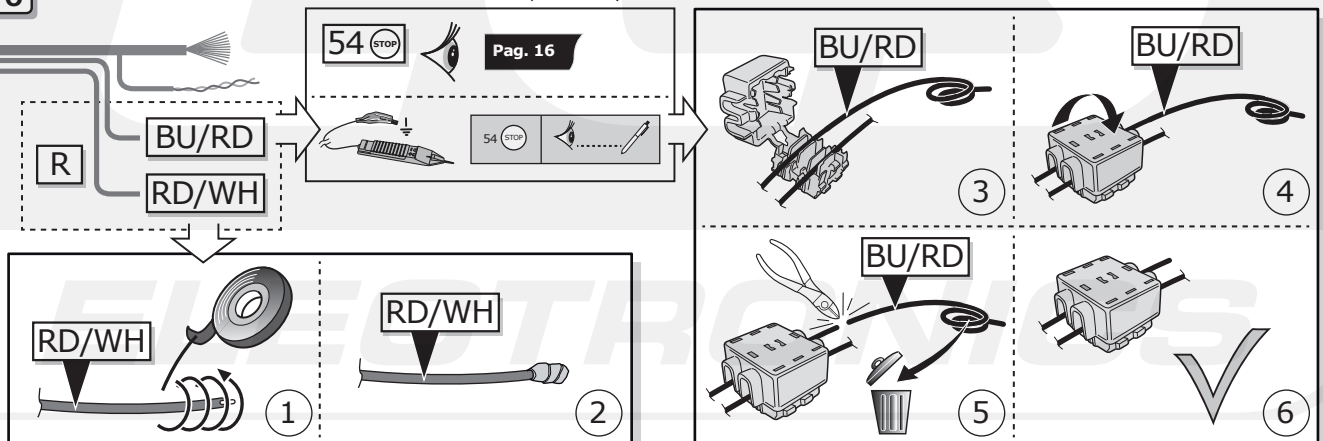
42

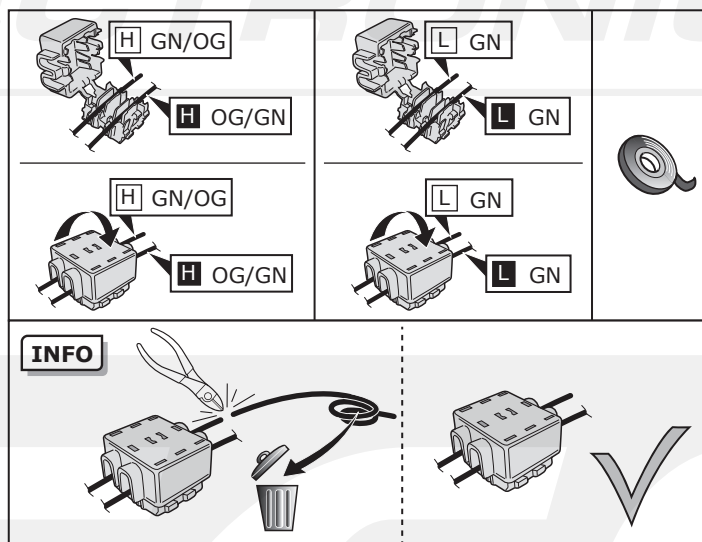
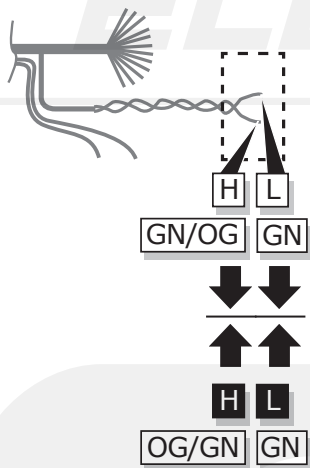
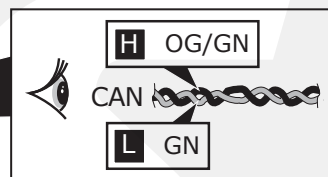
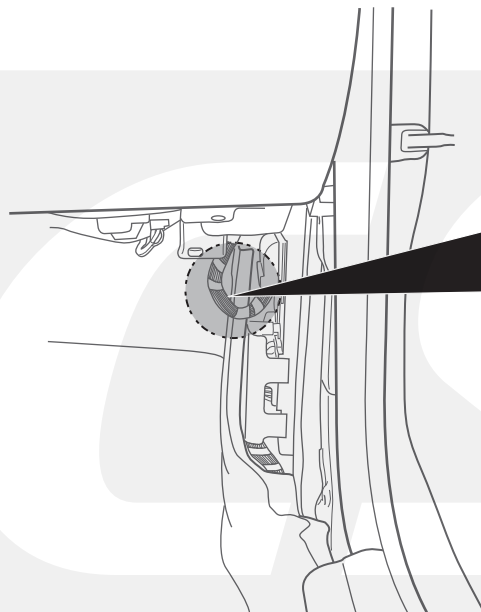


43



INFO





**INFO**



Pag. 3

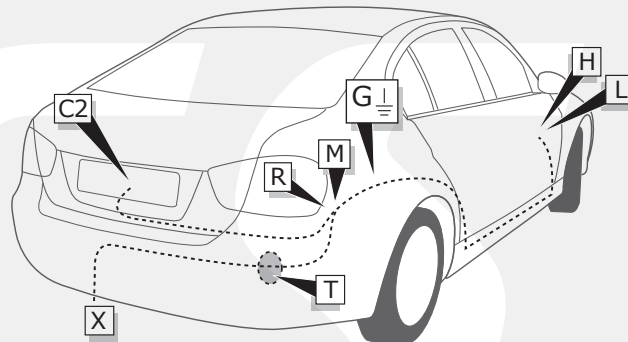
- |             |              |
|-------------|--------------|
| DE Farben   | CZ Barevným  |
| FR Couleurs | DK Farverne  |
| NL Kleuren  | FI Coloria   |
| GB Colours  | GR χρώματα   |
| ES Colores  | NO Farget    |
| IT Colori   | PL Kolorowac |
| SE Färger   |              |



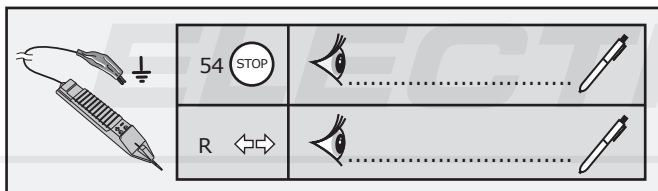
**Pag. 22**

## BMW 3 Series F30, F31, F34

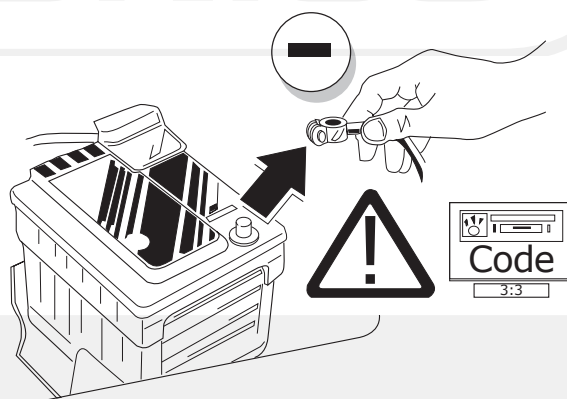
### ROUTING



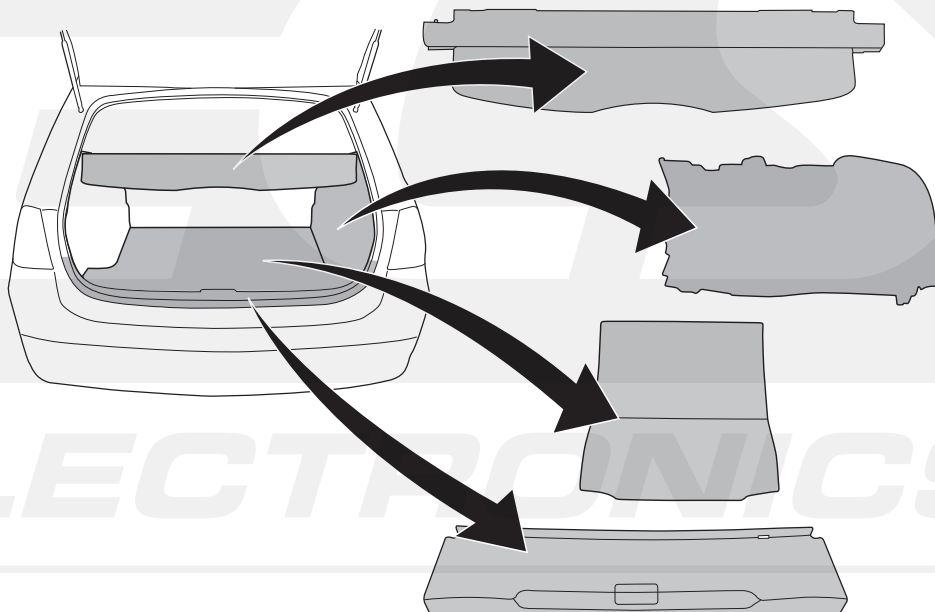
47



48



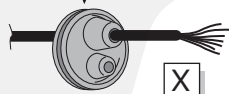
49



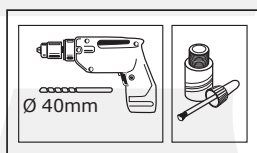
50

## INFO

X



2



1

## INFO

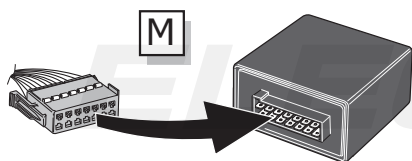
- DE Anschluss Steckdose
- FR Connection de la prise
- NL Contactdoos aansluiting
- GB Socket connection
- ES Conexión de la caja de enchufe
- IT Allaccio zoccolo
- SE Anslutning kontaktdosa
- CZ Objímkový konektor
- DK Stikdåse forbindelse
- FI Pistorasia liitäntä
- GR Υποδοχή σύνδεσης
- NO Tilkobling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



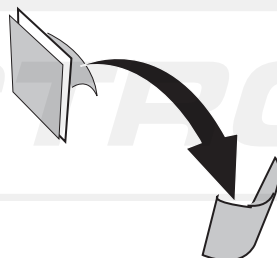
Pag. 25

51

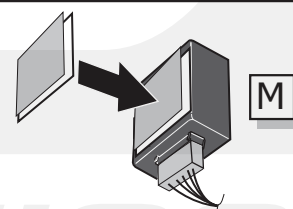
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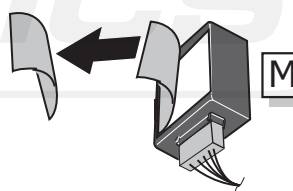
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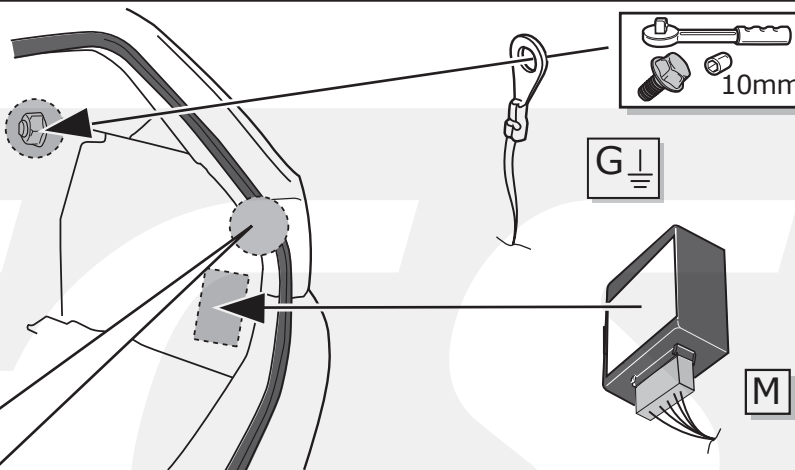
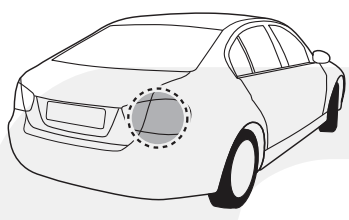
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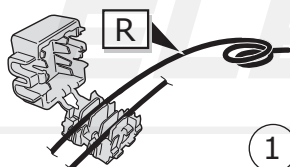
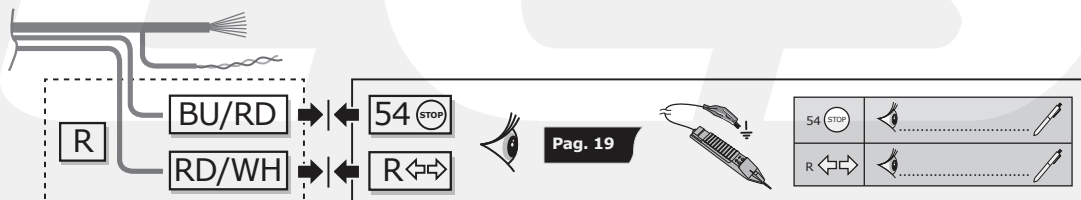
4



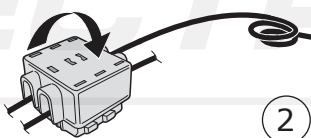
52



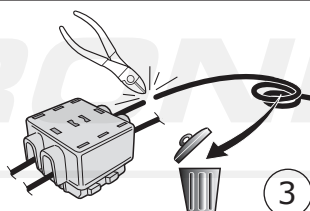
## INFO



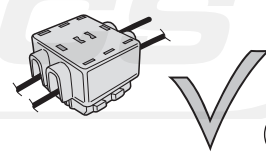
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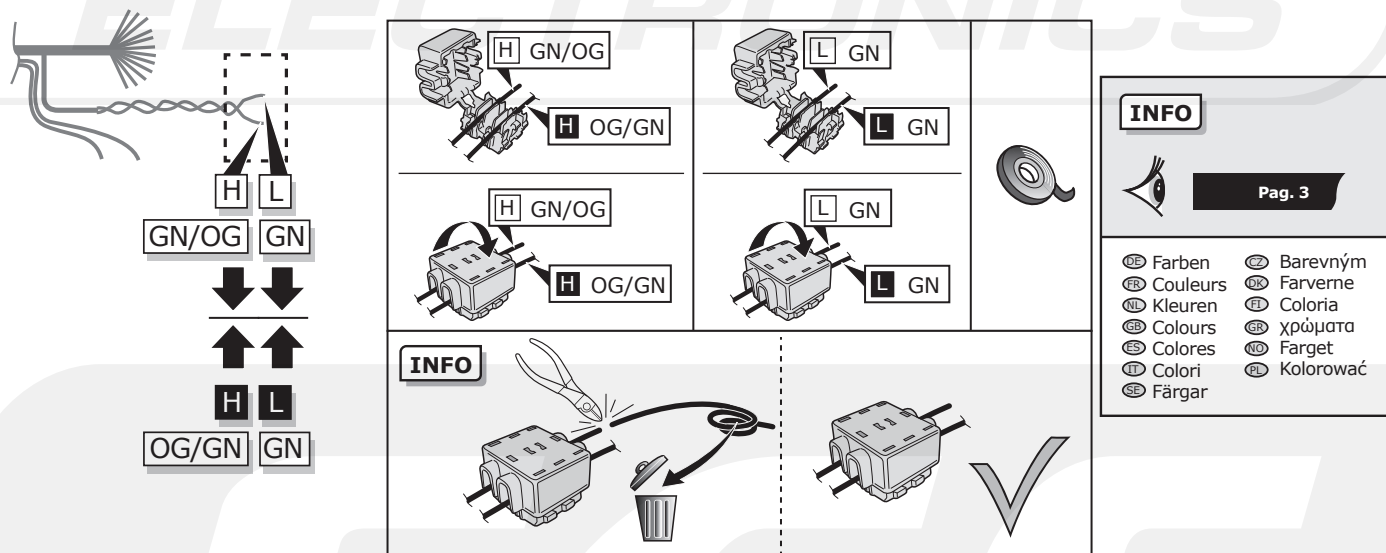
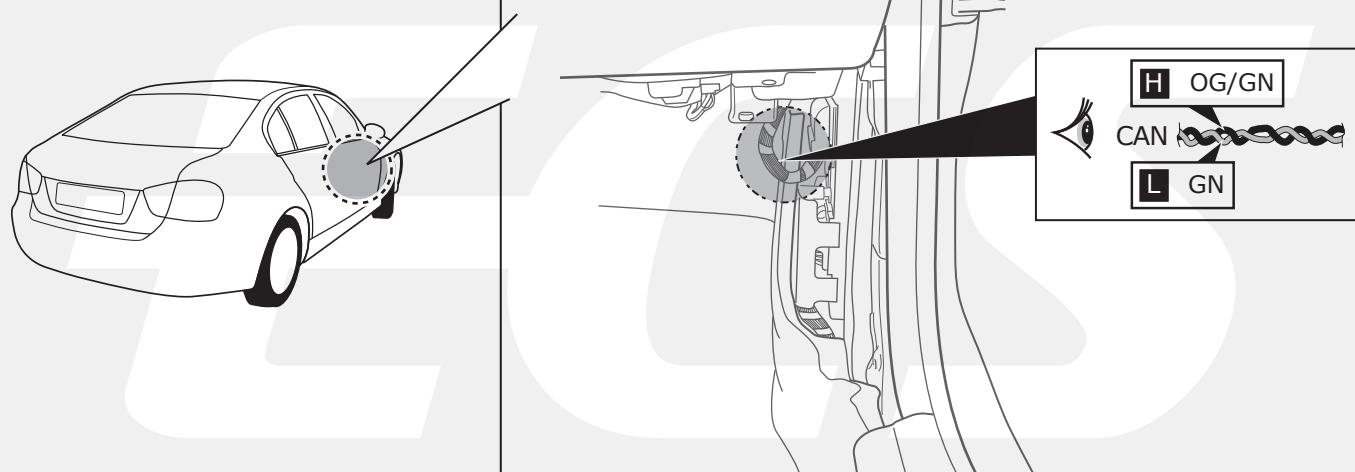
2



3



4

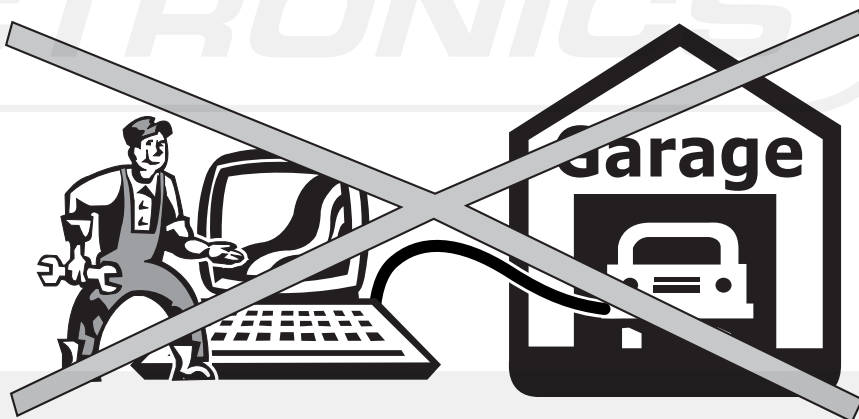
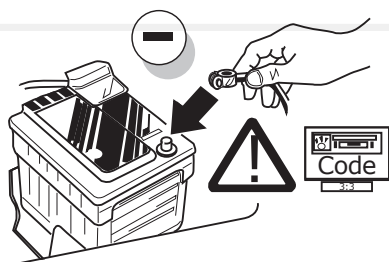
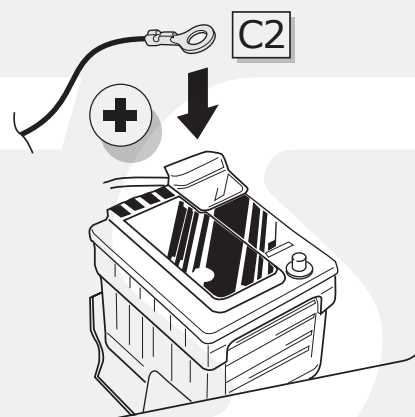
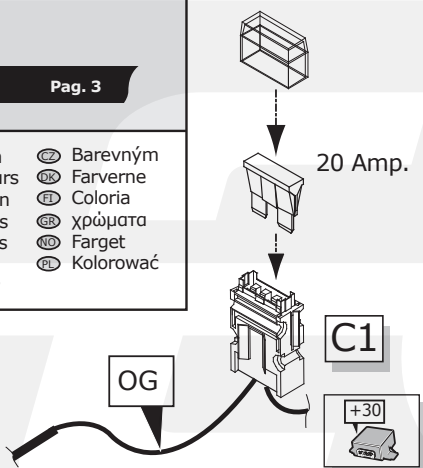


## INFO



Pag. 3

- |             |              |
|-------------|--------------|
| DE Farben   | CZ Barevným  |
| FR Couleurs | DK Farverne  |
| NL Kleuren  | FI Coloria   |
| ES Colours  | GR χρώματα   |
| ES Colores  | NO Farget    |
| IT Colori   | PL Kolorować |
| SE Färgar   |              |



(DE) FUNKTIONEN KONTROLLIEREN MIT EINEM PRÜFGERÄT MIT WIDERSTAND ODER MIT LEUCHTEN MIT DER GENAUEN WATTZAHL!

(FR) CONTRÔLER LES FONCTIONS AVEC UNE BOÎTE DE TEST AVEC DE LA CHARGE OU DES LAMPES AVEC LA QUANTITÉ CORRECTE DE WATT!

(NL) CONTROLEER FUNCTIES MET EEN TESTER MET BELASTING OF LAMPEN MET DE JUISTE WATTAGE!

(GB) TEST ALL CIRCUIT FUNCTIONS WITH A TESTBOX WITH THE CORRECT POWER LOAD FOR EACH UNIT. A TESTBOX ON WHICH ONLY LEDs ARE USED CAN NOT BE USED IN THIS CASE

(ES) ¡CONTROLAR FUNCIONES CON UN TESTER CON CARGA O LUCES CON EL CORRECTO WATTAGE!

(IT) CONTROLLA FUNZIONI CON UN TESTER CON CARICO O LAMPADE DEL GIUSTO WATT-TAGGIO!

(SE) KONTROLLERA FUNKTIONERNA MED EN TESTARE MED BELASTNING ELLER LAMPOR MED RÄTT WATT-VÄRDE!

(CZ) OVĚŘTE FUNKCE POMOČÍ TESTOVACÍHO BOXU NEBO SVĚTEL S PŘÍSLUŠNÝM VÝKONEM!

(DK) CHECK FUNKTIONERNE MED EN TESTBOKS, MED BELASTNING ELLER MED LYGTTER MED DET KORREKTE ANTAL WATT!

(FI) TARKISTA TOIMINNOT KÄYTTÄMÄLLÄ TESTILAITE, JOSSA ON OIKEATEHOINEN KUORMITUS TAI OIKEATEHOISET LAMPUT!

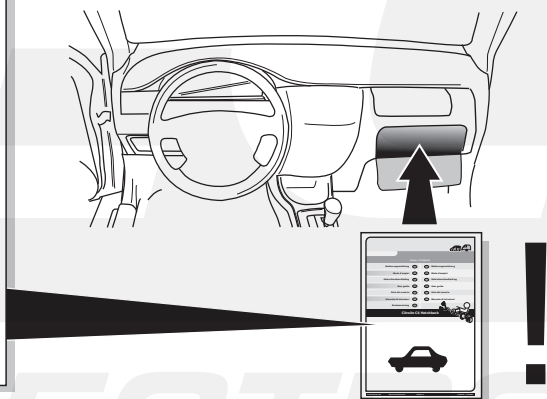
(GR) ΕΛΕΓΞΤΕ ΤΙΣ ΛΕΙΤΟΥΡΓΙΕΣ ΜΕ ΈΝΑ ΚΙΒΩΤΙΟ ΔΟΚΙΜΗΣ ΜΕ ΦΟΡΤΙΟ Ή ΛΑΜΠΤΗΡΕΣ ΣΩΣΤΗΣ ΠΟΣΟΤΗΤΑΣ ΒΑΤ!

(NO) KONTROLER FUNKSJONENE MED EN TESTER MED BELASTNING ELLER LYSPÆRER MED RIKTIG WATTVERDI!

(PL) SPRAWDŹ FUNKCJE UŻYWAJĄC SKRZYŃKI TESTOWEJ Z OBCIĄŻENIEM LUB PODŁĄCZONYMI ŻARÓWKAMI O ODPOWIEDNIEJ MOCY!

- |                                  |                                      |
|----------------------------------|--------------------------------------|
| (DE) Einzelteile wieder einbauen | (CZ) Znovu zasuňte obložení          |
| (FR) Montez les part enlèves     | (DK) Påsæt beklædningen              |
| (NL) Terug plaatsen onderdelen   | (FI) Asenna verhoilut takaisin       |
| (GB) Reinstall linings           | (GR) Τοποθετήστε ξανά τις επενδύσεις |
| (ES) Reinstalar componentes      | (NO) Sett tilbake deler              |
| (IT) Rimetti a posto componenti  | (PL) Załóżyc wykładzinę              |
| (SE) Sätt tillbaka delar         |                                      |

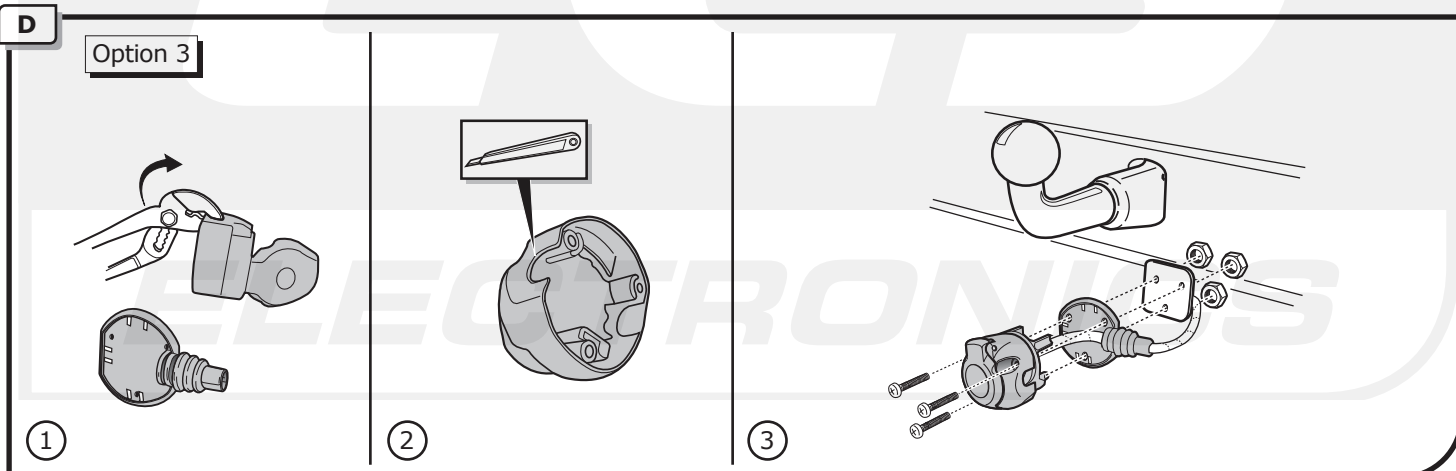
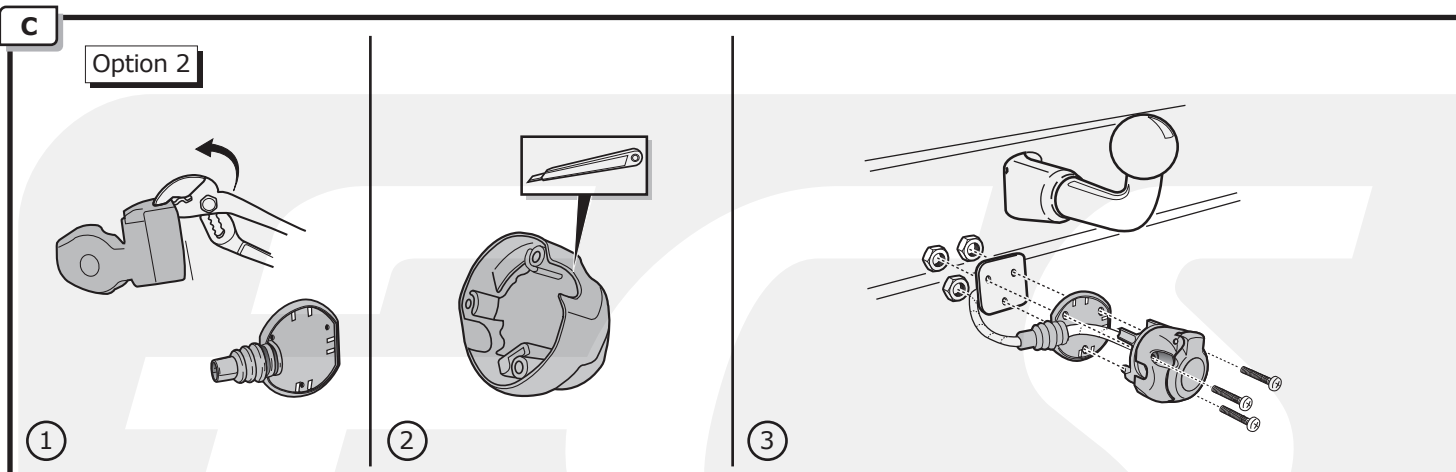
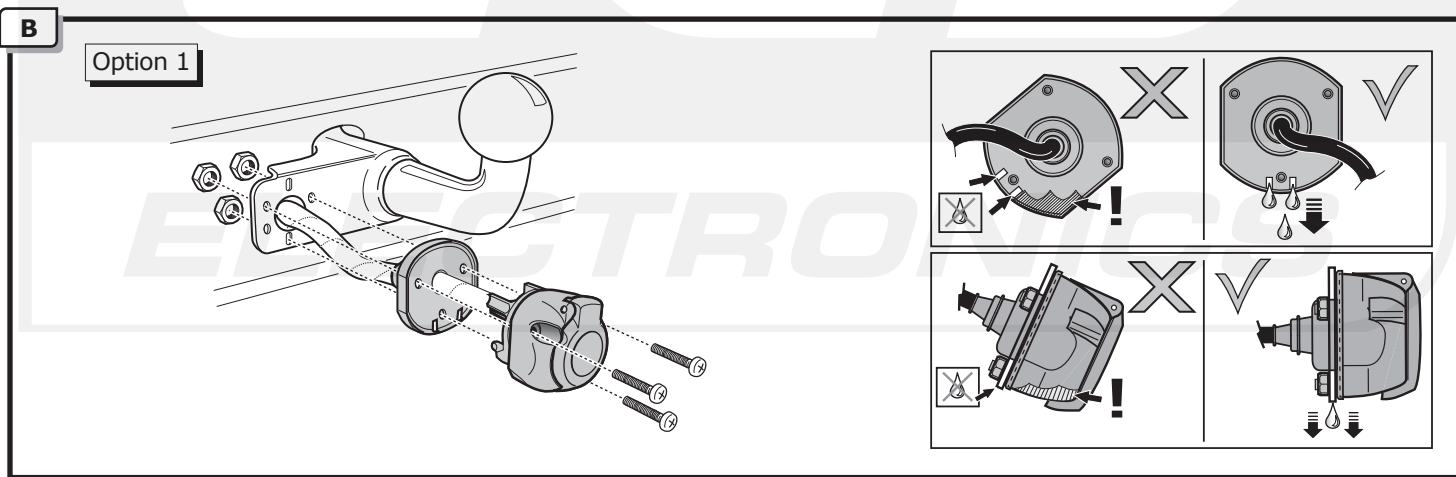
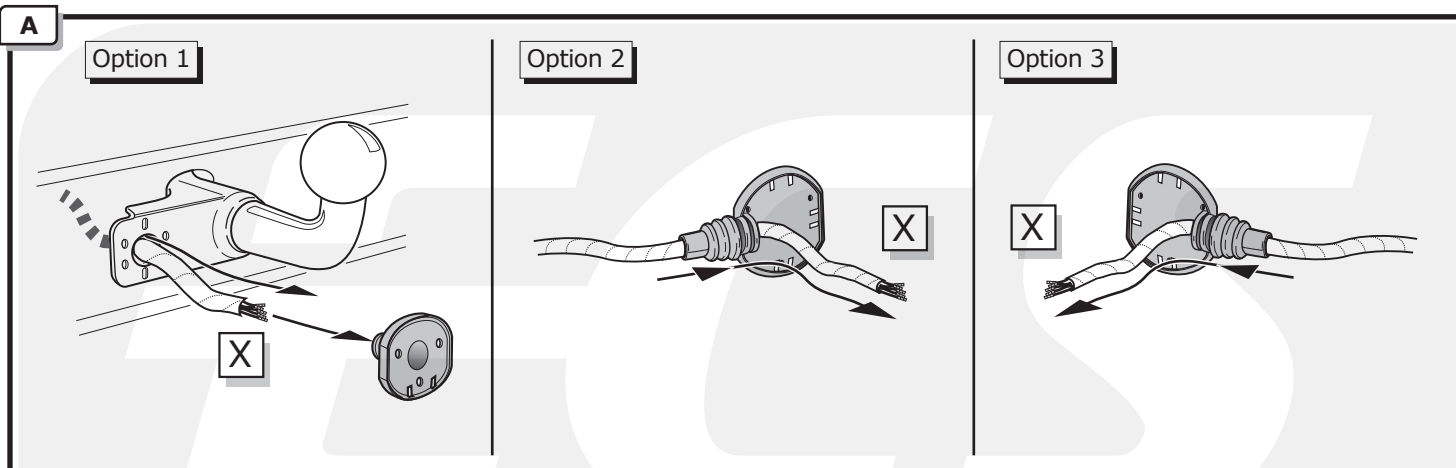
- |                             |
|-----------------------------|
| (DE) Gebrauchsanleitung.    |
| (FR) Mode d'emploi.         |
| (NL) Gebruikershandleiding. |
| (GB) User guide.            |
| (ES) Guía del usuario.      |
| (IT) Manuale di istruzioni. |
| (SE) Bruksanvisning.        |
| (CZ) Uživatelská příručka.  |
| (DK) Brugervejledning.      |
| (FI) Käyttöohjeet.          |
| (GR) Οδηγός χρήστη.         |
| (NO) Brukerveiledning.      |
| (PL) Instrukcja obsługi.    |



**00800**  
**CALL2ECS**  
**22 55 23 27**

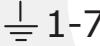
09.00 - 18.00  
Monday - Friday  
[www.ecs-electronics.nl](http://www.ecs-electronics.nl)

# INFO SOCKET CONNECTION



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

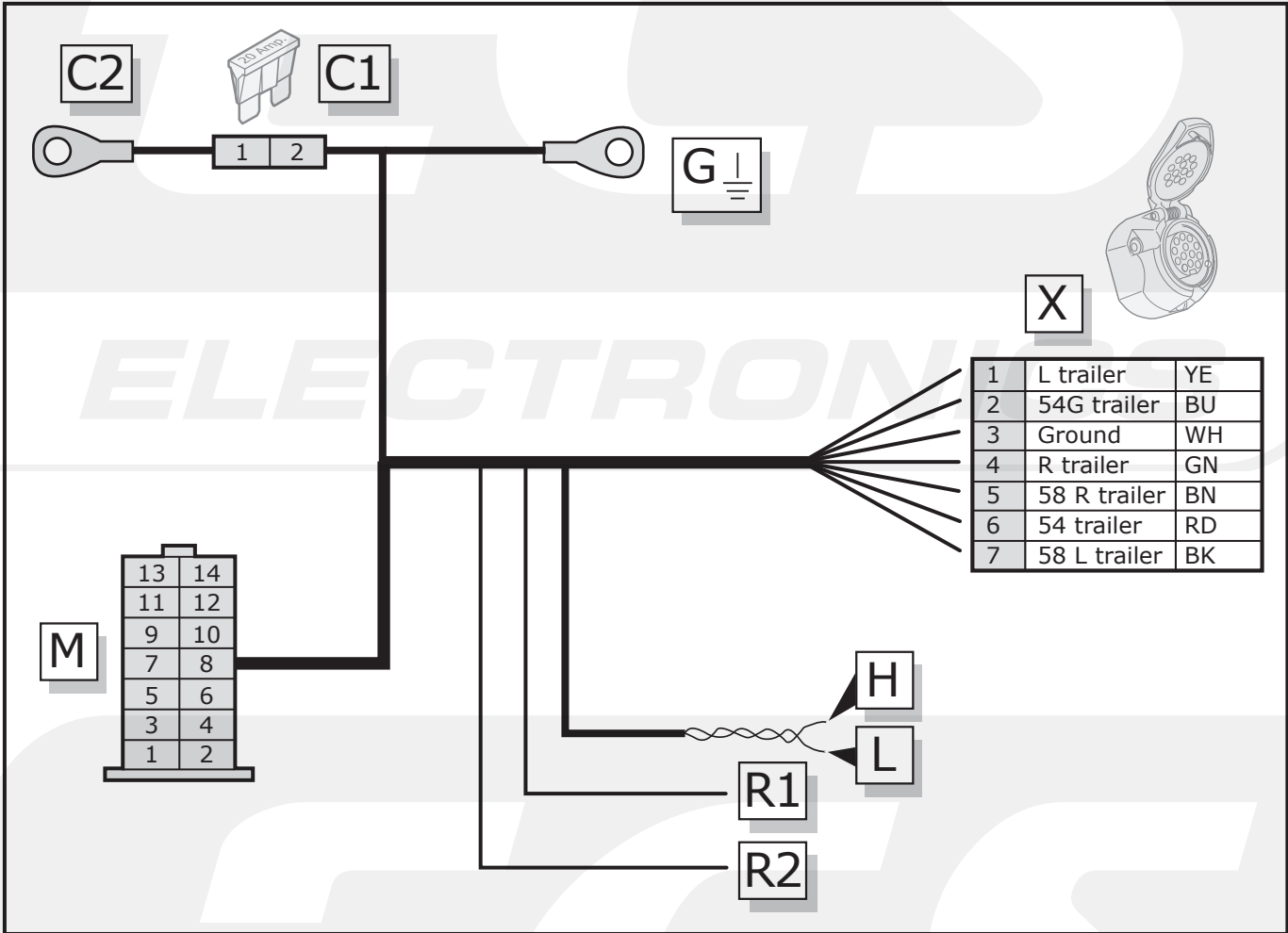
- (CZ) Objímkový konektor  
 (DK) Stikdåse forbindelse  
 (FI) Pistorasia liitäntä  
 (GR) Υποδοχή σύνδεσης  
 (NO) Tilkobling koblingsboks  
 (PL) Połączenie przez gniazdo

| DIN/ISO<br>1724 |  |  |  1-7 |  |  |  |  |  |
|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                 | 1/L                                                                               | 2                                                                                 | 3/31                                                                                  | 4/R                                                                               | 5/58-R                                                                            | 6/54                                                                                | 7/58-L                                                                              | 8                                                                                   |
| Pmax            | 21W                                                                               | 21W                                                                               |                                                                                       | 21W                                                                               | 42W                                                                               | 3x21W                                                                               | 42W                                                                                 |                                                                                     |
| (DE)            | Gelb                                                                              | Blau                                                                              | Weiß                                                                                  | Grün                                                                              | Braun                                                                             | Rot                                                                                 | Schwarz                                                                             | -                                                                                   |
| (FR)            | Jaune                                                                             | Bleu                                                                              | Blanc                                                                                 | Vert                                                                              | Marron                                                                            | Rouge                                                                               | Noir                                                                                | -                                                                                   |
| (NL)            | Geel                                                                              | Blauw                                                                             | Wit                                                                                   | Groen                                                                             | Bruin                                                                             | Rood                                                                                | Zwart                                                                               | -                                                                                   |
| (GB)            | Yellow                                                                            | Blue                                                                              | White                                                                                 | Green                                                                             | Brown                                                                             | Red                                                                                 | Black                                                                               | -                                                                                   |
| (ES)            | Amarillo                                                                          | Azul                                                                              | Blanco                                                                                | Verde                                                                             | Marrón                                                                            | Rojo                                                                                | Negro                                                                               | -                                                                                   |
| (IT)            | Giallo                                                                            | Blu                                                                               | Bianco                                                                                | Verde                                                                             | Marrone                                                                           | Rosso                                                                               | Nero                                                                                | -                                                                                   |
| (SE)            | Gul                                                                               | Blå                                                                               | Vit                                                                                   | Grön                                                                              | Brun                                                                              | Röd                                                                                 | Svart                                                                               | -                                                                                   |
| (CZ)            | Žlutá                                                                             | Modrá                                                                             | Bílá                                                                                  | Zelená                                                                            | Hnědá                                                                             | Červená                                                                             | Černá                                                                               | -                                                                                   |
| (DK)            | Gul                                                                               | Blå                                                                               | Hvid                                                                                  | Grøn                                                                              | Brun                                                                              | Rød                                                                                 | Sort                                                                                | -                                                                                   |
| (FI)            | Keltainen                                                                         | Sininen                                                                           | Valkoinen                                                                             | Vihreä                                                                            | Ruskea                                                                            | Punainen                                                                            | Musta                                                                               | -                                                                                   |
| (GR)            | Κίτρινο                                                                           | Μπλε                                                                              | Λευκό                                                                                 | Πράσινο                                                                           | Καφέ                                                                              | Κόκκινο                                                                             | Μαύρο                                                                               | -                                                                                   |
| (NO)            | Gul                                                                               | Blå                                                                               | Hvit                                                                                  | Grønn                                                                             | Brun                                                                              | Rød                                                                                 | Svart                                                                               | -                                                                                   |
| (PL)            | Żółty                                                                             | Niebieski                                                                         | Biały                                                                                 | Zielony                                                                           | Brązowy                                                                           | Czerwony                                                                            | Czarny                                                                              | -                                                                                   |

INFO POWER SCHEDULE BW-008-B1

|     |  |           |  |
|-----|--|-----------|--|
| L   |  | 54        |  |
| R   |  | 54G       |  |
| 58L |  | BU        |  |
| 58R |  | Ground/31 |  |

**colortable** **Pag. 3**



|   |    |       |              |     |
|---|----|-------|--------------|-----|
| M | 1  | RD    | 54 trailer   | out |
|   | 2  | OG    | +30 (12 V)   | in  |
|   | 3  | RD/WH | R            | in  |
|   | 4  | YE    | L trailer    | out |
|   | 5  | BURD  | 54           | in  |
|   | 6  | BK    | 58 L trailer | out |
|   | 7  | GN    | CAN L        | in  |
|   | 8  | WH    | Ground       | -   |
|   | 9  | GN/OG | CAN H        | in  |
|   | 10 | GN    | R trailer    | out |
|   | 11 | BU    | 54G trailer  | out |
|   | 12 | BN    | 58 R trailer | out |
|   | 13 | -     | -            | -   |
|   | 14 | OG    | +30          | in  |

|    |   |    |            |     |
|----|---|----|------------|-----|
| C1 | 1 | RD | +30 (12 V) | in  |
|    | 2 | OG | +30 (12 V) | out |

|    |       |        |    |
|----|-------|--------|----|
| H  | GN/OG | Can H  | in |
| L  | GN    | Can L  | in |
| R1 | BU/RD | 54     | in |
| R2 | RD/WH | R      | in |
| G  | WH    | Ground | -  |