



# Avensis Sedan

## Towbar Wiring Kit 13-pin

### Installation instructions

Model year: 11/2008

Vehicle code: \*\*T27\*\*-AE\*\*\*W

Part number: PZ417-T3568-00

The following part should be ordered if installed in combination with TPA REAR, PZ464-T3420-00:

Housing, connector Female 90980-10871 (1x)



Weight: 2,03 kg

Manual reference number: AIM 001 289-2

# Revision Record

Rev. No.	Date	Page	Picture	Update	New	Deleted Steps
1	13-01-09	9	6		*	
2	29-06-09	1,14,15, 16,17	17,18,19, 21,23,	*		

**EN**

- Expert Fitment Required.
- Disconnect the battery earth cable.
- To avoid damage to the wiring harness, ensure contact with sharp edges is prevented.
- Install parts as shown on illustrations.
- Re-connect battery.
- Re-fit panels, ensure that the wiring harness and other components are neatly and secure located.

**ES**

- Montaje sólo por el concesionario.
- Desconectar el cable de masa de la batería.
- A efectos de evitar desperfectos en el aislamiento del cable, hay que evitar el contacto con aristas cortantes.
- Montar las piezas tal como se indica en las figuras.
- Vuelva a conectar la batería.
- Volver a colocar los paneles; preste atención a que el mazo del cable y las demás piezas tengan la posición correcta y precisa.

**IT**

- E' necessario in officina specializzata.
- Staccare il cavo di massa dalla batteria.
- Allo scopo di evitare danni all'isolazione dei cavi, evitare di metterli a contatto con spigoli acuti.
- Montare le parti secondo quanto rilevabile delle illustrazioni.
- Riconnettere la batteria.
- Rimettere in posizione i pannelli; far ben attenzione che il fascio di cavi e le altre parti siano state posizionate con esattezza e nella dovuta maniera.

**NL**

- Montage door vakman nodig.
- Massakabel van accu losmaken.
- Ter vermijding van beschadiging van de isolatie van de elektrokit dient contact met scherpe kanten te worden vermeden.
- Delen overeenkomstig afbeelding monteren.
- Accu weer aansluiten.
- Panelen weer monteren; let erop, dat de kabelboom en andere delen correct en netjes gepositioneerd worden.

**NO**

- Nødvendig med montering fra fagverksted.
- Klem jordkabelen av batteriet.
- For å unngå skader på kabelisoleringen må berøring av skarpe kanter unngås.
- Monter alle deler i henhold till illustrasjonene.
- Tilkopli batteriet igjen.
- Monter panelene igjen, og pass på at kabelbunten og andre deler er anbrakt ordentlig og på riktig sted.

**FI**

- Asennus tarpeen merkkikorjaamossa.
- Erotta maadoitusjohto akusta.
- Pidä huoli myös siitä, että kaapelointi on korin kiinnityksen myötäinen ja kiinnitetty huolellisesti muihin liikkuviin osiin.
- Asenna osat kuvien mukaan.
- Kytke akku takaisin.
- Aseta paneelit paikalleen; tarkista, että kaapelointi ja muut osat ovat asianmukaisesti ja tarkalleen paikoillaan.

**DE**

- Montage durch Fachwerkstatt erforderlich.
- Massekabel von Batterie abklemmen.
- Zur Vermeidung von Beschädigungen an der Kabelisolierung ist Berührung mit scharfen Kanten zu vermeiden.
- Teile gemäß Abbildung montieren.
- Batterie wieder anschließen.
- Paneele wieder anbringen; achten Sie darauf, daß der Kabelbaum und andere Teile ordnungsgemäß und genau positioniert sind.

**FR**

- Montage par spécialiste nécessaire.
- Débrancher le câble de masse de la batterie.
- Eviter tout contact avec des arêtes vives afin de ne pas endommager l'isolation des câbles.
- Monter les pièces selon les figures.
- Reconnecter la batterie.
- Remettre le panneau; veillez à ce que le faisceau et les autres pièces soient positionnés correctement et avec la précision requise.

**PT**

- Especialista em montagem requerido.
- Separe o cabo de terra do acumulador.
- Para não se danificar a isolamento dos cabos, é conveniente evitar-se contacto com arestas afiadas.
- Monte as partes conforme ilustrado.
- Recolocar a bateria.
- Tornar a colocar os painéis; verificar se a árvore de cabos e outras peças estão na posição exacta e prescrita.

**DA**

- Montage ved professionelt værksted påkrævet.
- Stelkabel fjernes fra batteri.
- Berøring med skarpe kanter skal undgås for at undgå beskadigelse af kabelisoleringen.
- Dete skal monteres i henhold til illustrationer.
- Tilslut batteri igen.
- Paneler fastgøres igen; vær opmærksom på, at kabelsamlingen og andre dele placeres korrekt og præcist.

**SV**

- Verkstadsmontage erfordras.
- Lossa stomkabeln från batteriet.
- För att förhindra skador på ledningarnas isolation skall beröring med vassa kanter undvikas.
- Montera detaljerna enligt figurerna.
- Anslut batteriet igen.
- Sätt tillbaka panelerna igen; kontrollera noga att ledningsmattan och andra detaljer ligger på rätt plats.

**CS**

- Montáž ve specializované dílně nutná.
- Odpojte zemnicí kabel od baterie.
- Zabraňte tomu, aby se kabely poškodily tím, že jsou položeny na ostrých hranách.
- Montujte části podle vyobrazení.
- Opět připojte baterii.
- Opět připevněte panely; dbejte na to, aby svazek kabelů a ostatní části byly uloženy na správném místě.

**HU**

- A szereléshez szakműhely kell.
- Húzza le az akkumulátor testkábeljét.
- A kábelszigetelés megsérülésének elkerülésére ügyeljen arra, hogy a kábel ne juthasson érintkezésbe éles peremű alkatrészekkel.
- Az alkatrészeket az ábrák szerint szerelje be.
- Ismét csatlakoztassa az akkumulátort.
- Szerelje vissza a fedőlapokat, ügyeljen arra, hogy a kábelek és a többi alkatrész pontosan a számkra kijelölt helyen maradjanak.

**EL**

- Να τοποθεί από συνεργείο.
- Αποσυνδέστε το καλώδιο γείωσης από τη μπαταρία.
- Για να αποφευχθούν ζημιές στη μόνωση καλωδίων, να αποθέυγεται η επαφή των με αιχμηρές άκμες.
- Τοποθέτηση των μέρων σύμφωνα με τις Εικόνες.
- Συνδέστε πάλι τη μπαταρία.
- Τοποθετήστε πάλι το καλυμμα· προσοχή, η πλεξούδα καλωδίων και άλλα μέρη να είναι τοποθετημένα ακριβές και σύμφωνα με τους κανονισμούς.

**TR**

- Uzmanın takması gereklidir.
- Akü toprak kablosunu ayırın.
- Kablo demetinin hasar görmemesi için, sivri objelerle temasın engellenmesini sağlayın.
- Parçaları çizimlerde gösterildiği gibi takın.
- Aküyü tekrar bağlayın.
- Panoları tekrar takın, kablo demeti ve diğer komponentlerin tam ve sıkıca yerleşmesini sağlayın.

**PL**

- Konieczny montaż przez warsztat specjalistyczny.
- Odłączyć przewód masy od akumulatora.
- Dla zapobieżenia uszkodzeniu izolacji chronić przed zetknięciem z ostrymi krawędziami.
- Zamontować części zgodnie z rysunkiem.
- Ponownie podłączyć akumulator.
- Na powrót osadzić osłony; zadbać aby wiązka kablowa i inne części były właściwie i dokładnie ułożone.

**RU**

- Монтаж должны выполнять специалисты в мастерской
- Отсоединить заземляющий кабель аккумулятора
- Во избежание повреждений изоляции кабеля не допускать соприкосания с острыми углами
- Монтировать части согласно иллюстрации
- Снова подключить аккумулятор
- Установить панель, проверить правильность и точность расположения кабелей и других частей

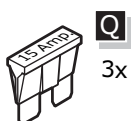
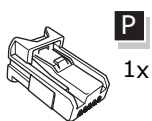
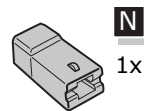
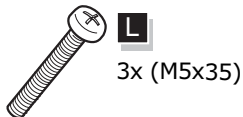
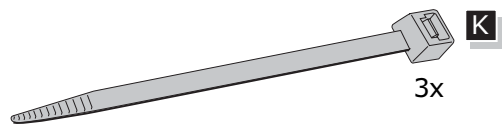
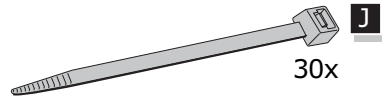
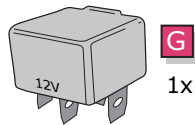
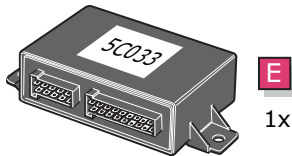
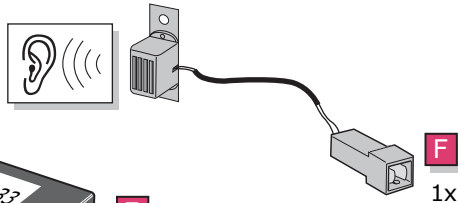
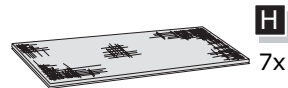
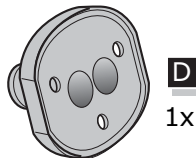
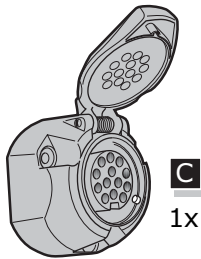
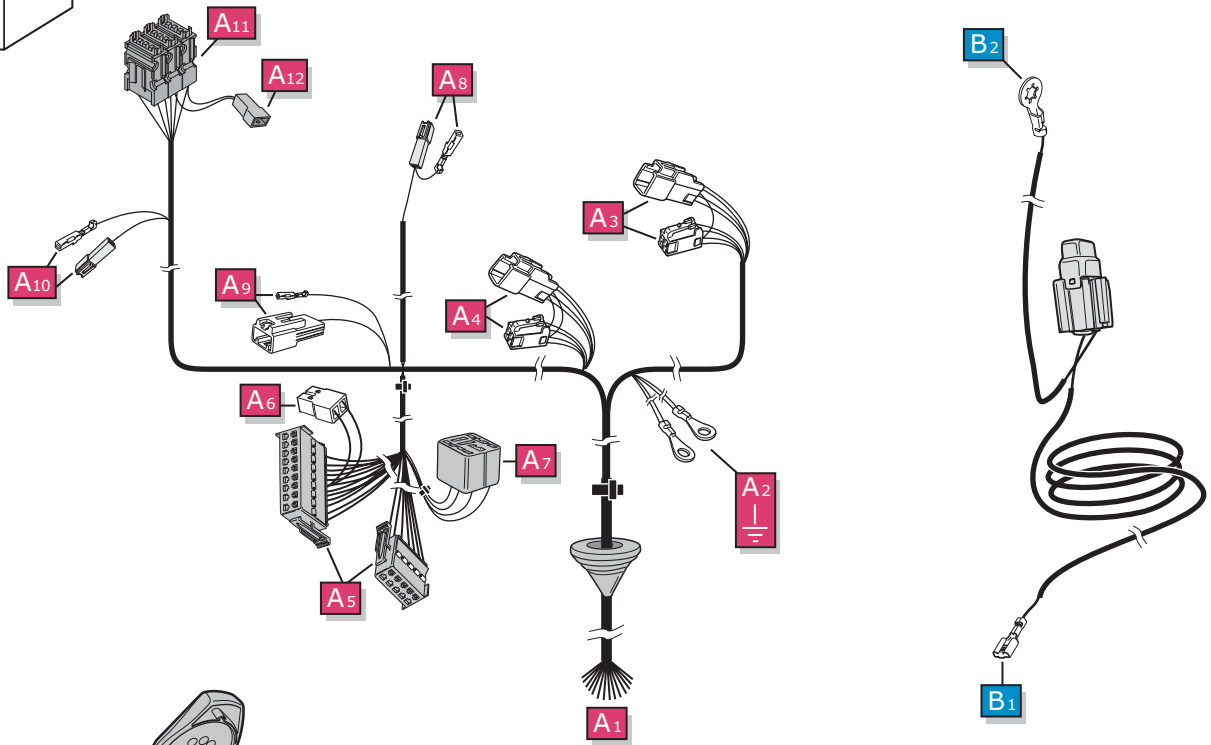
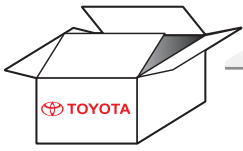
## TOYOTA COLOR TABLE

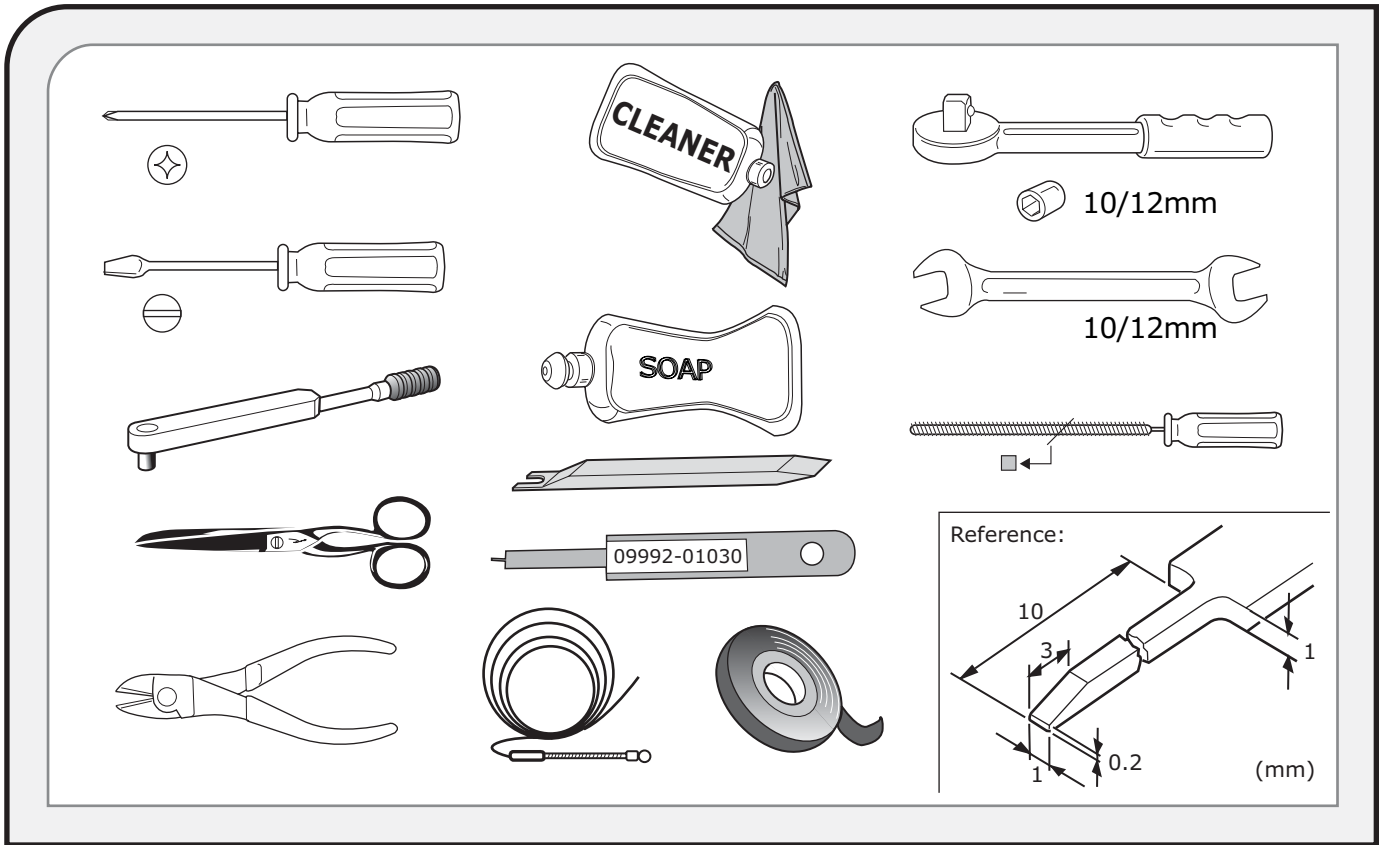
	(EN)	(DE)	(ES)	(FR)	(IT)	(PT)	(NL)	(DA)
W	White	Weiß	Blanco	Blanc	Bianco	Branco	Wit	Hvid
B	Black	Schwarz	Negro	Noir	Nero	Preto	Zwart	Sort
GR	Grey	Grau	Gris	Gris	Grigio	Cinzento	Grijs	Grå
BR	Brown	Braun	Marrón	Marron	Marrone	Castanho	Bruin	Brun
T	Yellow brown	Gelbbraun	Amarillo-marrón	Marron-jaune	Giallomarrone	Castanho-amarelado	Geelbruin	Gulbrun
N	Natural colour	Naturfarben	Color natural	Nature	Colori naturali	Cores naturais	Naturel	Naturfarvet
Y	Yellow	Gelb	Amarillo	Jaune	Giallo	Amarelo	Geel	Gul
O	Orange	Orange	Naranja	Orange	Arancione	Laranja	Oranje	Orange
R	Red	Rot	Rojo	Rouge	Rosso	Vermelho	Rood	Rød
P	Pink	Rosa	Rosa	Rose	Rosa	Rosa	Rosé	Rosa
V	Violet	Violett	Violeta	Violet	Viola	Violeta	Violet	Violet
PU	Purple	Purpur	Púrpura	Pourpre	Rosso porpora	Púrpura	Paars	Purper
DL	Dark blue	Dunkelblau	Azul oscuro	Bleu foncé	Blu scuro	Azul-escuro	Donkerblauw	Mørkeblå
L	Blue	Blau	Azul	Bleu	Blu	Azul	Blauw	Blå
LB	Light blue	Hellblau	Azul claro	Bleu clair	Blu chiaro	Azul-claro	Lichtblauw	Lyseblå
SB	Sky blue	Himmelblau	Azul cielo	Bleu ciel	Celeste	Azul-céu	Hemelsblauw	Himmelblå
LG	Light green	Hellgrün	Verde claro	Vert clair	Verde chiaro	Verde-claro	Lichtgroen	Lysegrøn
G	Green	Grün	Verde	Vert	Verde	Verde	Groen	Grøn
DG	Dark green	Dunkelgrün	Verde oscuro	Vert foncé	Verde scuro	Verde-escuro	Donkergroen	Mørkegrøn

# TOYOTA COLOR TABLE

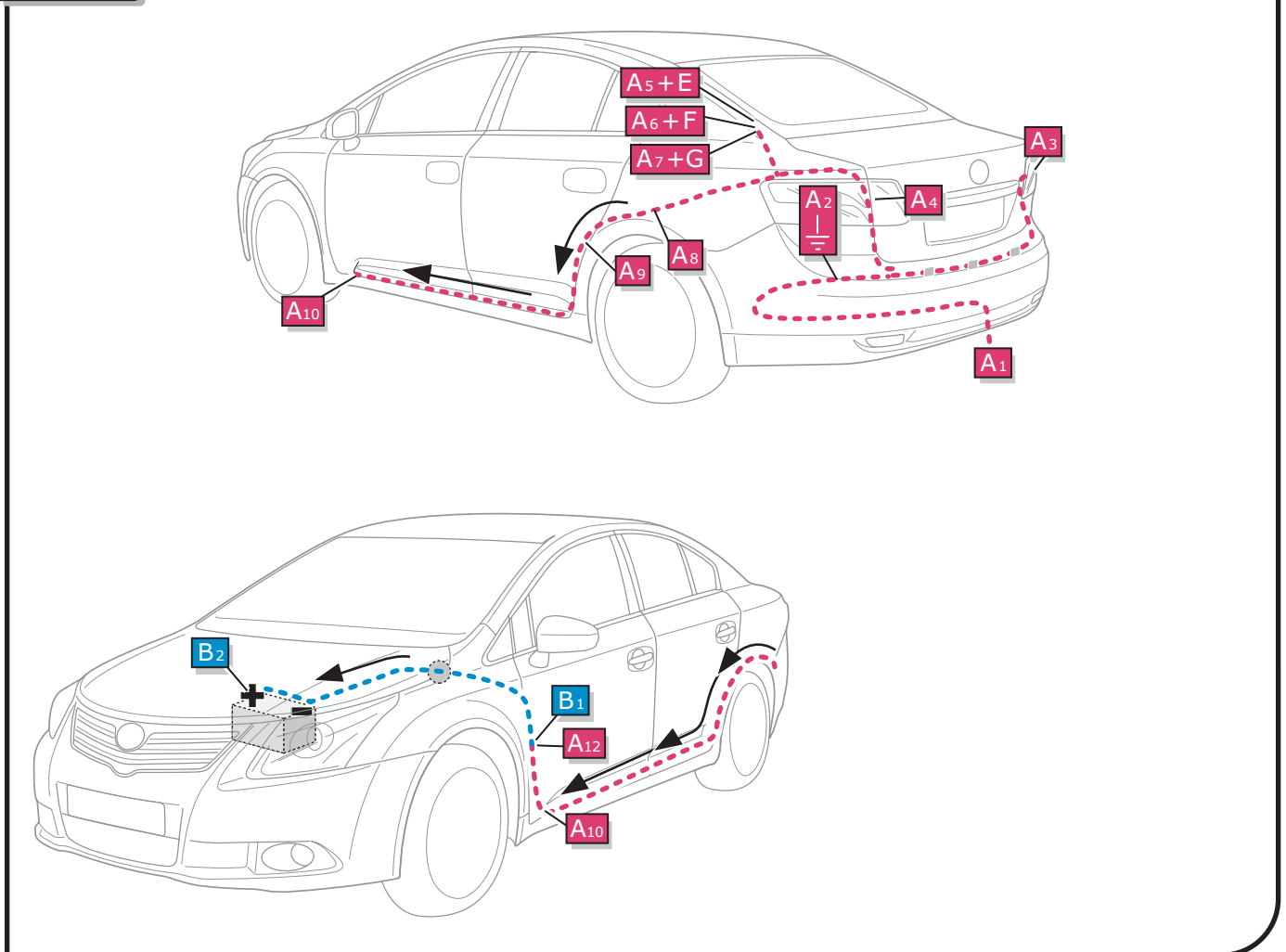
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W	Hvit	Vit	Valkoinen	Bílá	Fehé	Biała	Λευκό
B	Sort	Svart	Musta	Černá	Feket	Czarna	Μαύρο
GR	Grå	Grå	Harmaa	Šeda	Szürke	Szara	Γκρι
BR	Brun	Brun	Ruskea	Hnědá	Barna	Brazowa	Καφέ
T	Gulbrun	Gulbrun	Keltaisenruskea	Žlutohnědá	Sárgásbarna	Żółtobrazowa	Κίτρινοκαφέ
N	Naturfarger	Naturfärger	Luonnonväri	Přírodní	Természetes színű	Barwy	Φυσικά χρώματα
Y	Gul	Gul	Keltainen	Žlutá	Sárga	Żółta	Κίτρινο
O	Orange	Orange	Oranssi	Oranžová	Narancs	Pomarańczowa	Πορτοκάλι
R	Rød	Röd	Punainen	Červená	Piros	Czerwona	Κόκκινο
P	Rosa	Rosa	Rosa	Růžová	Rózsaszín	Różowa	Ροζ
V	Fiolett	Violett	Violetti	Fialová	Ibolyaké	Fioletowa	Μοβ
PU	Purper	Purper	Purppura	Purpurov	Bíborvörös	Purpurowa	Πορφυρό
DL	Mørkeblå	Mörkblå	Tummansininen	Tmavomodrá	Sötétké	Granatowa	Σκούρο μπλε
L	Blå	Blå	Sininen	Modrá	Kék	Niebieska	Μπλε
LB	Lyseblå	Ljusblå	Vaaleansininen	Bleděmodrá	Világoskék	Jasnoniebieska	Ανοικτό μπλε
SB	Himmelblå	Himmelsblå	Taivaansininen	Blankytná	Égyszínkék	Błękitna	Γαλάζιο
LG	Lysegrønn	Ljusgrön	Vaaleanvihreä	Světlezelená	Világoszöld	Jasnozielona	Ανοικτό πράσινο
G	Grønn	Grön	Vihreä	Zelená	Zöl	Zielona	Πράσινο
DG	Mørkegrønn	Mörkgrön	Tummanvihreä	Tmavozelená	Sötétzöl	Ciemnozielona	Σκούρο πράσινο

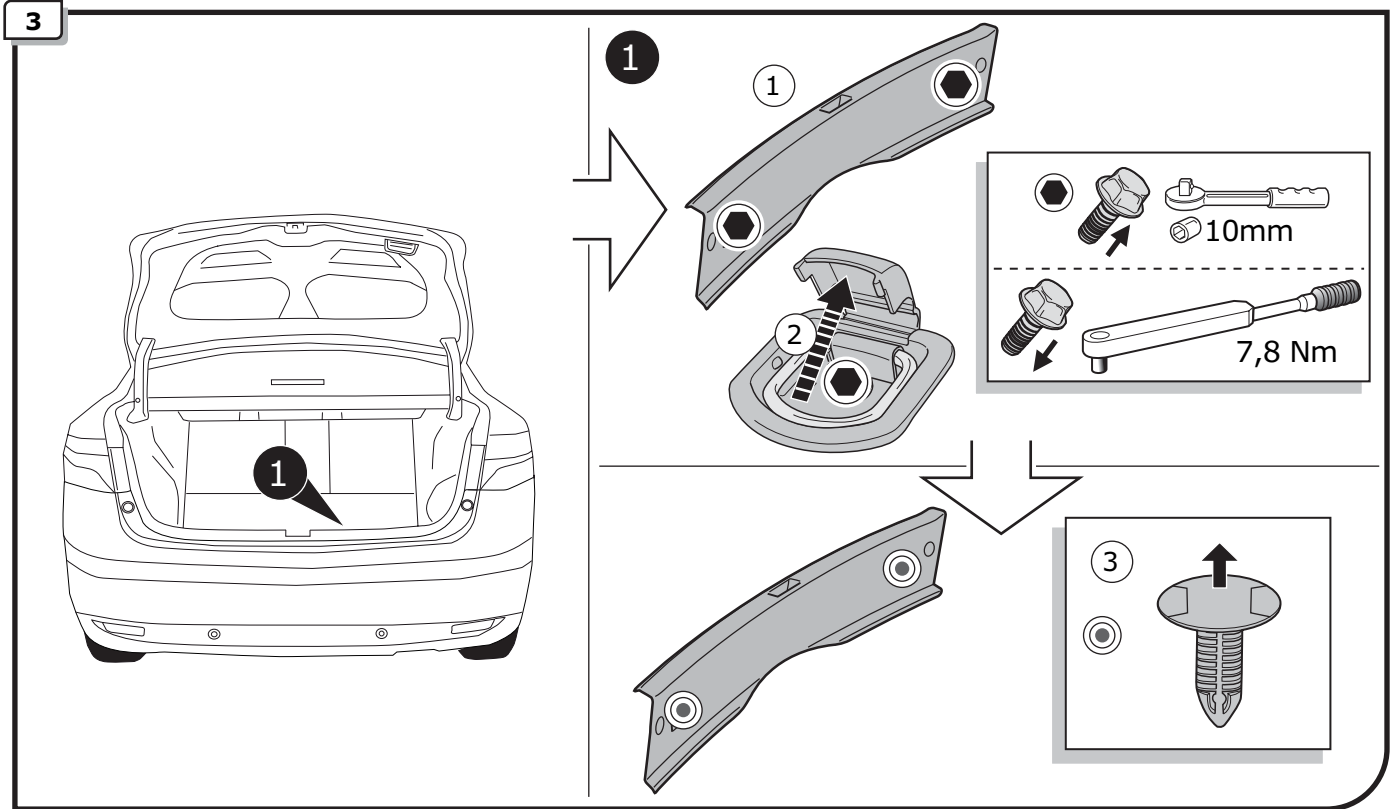
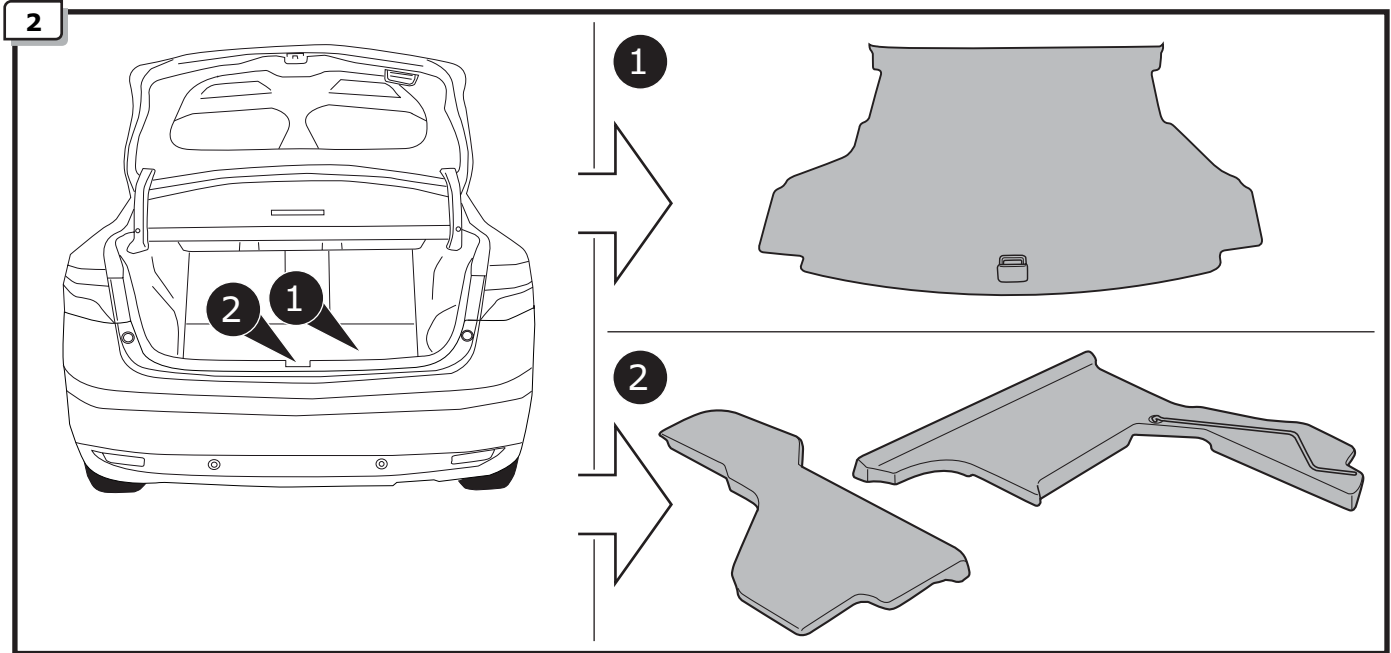
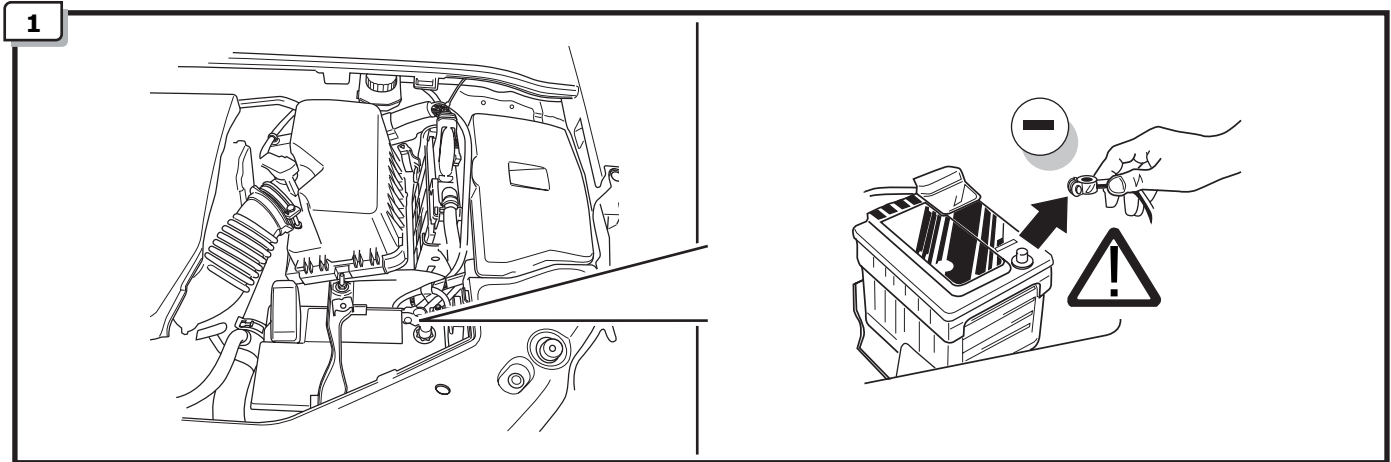
	(RU)	(TR)				
W	Белый	Beyaz				
B	Черный	Siyah				
GR	Серый	Gri				
BR	Коричневый	Kahverengi				
T	Желто-коричневый	Sari kahverengi				
N	Натуральный цвет	Nötr				
Y	Желтый	Sari				
O	Оранжевый	Turuncu				
R	Красный	Kirmizi				
P	Розовый	Pembe				
V	Фиолетовый	Mor				
PU	Сиреневый	Mor				
DL	Темно-синий	Koyu mavi				
L	Синий	Mavi				
LB	Светло-синий	Acik mavi				
SB	Небесно голубой	Gök mavisi				
LG	Светло-зеленый	Acik yesil				
G	Зеленый	Yesil				
DG	Темно-зеленый	Koyu yesi				



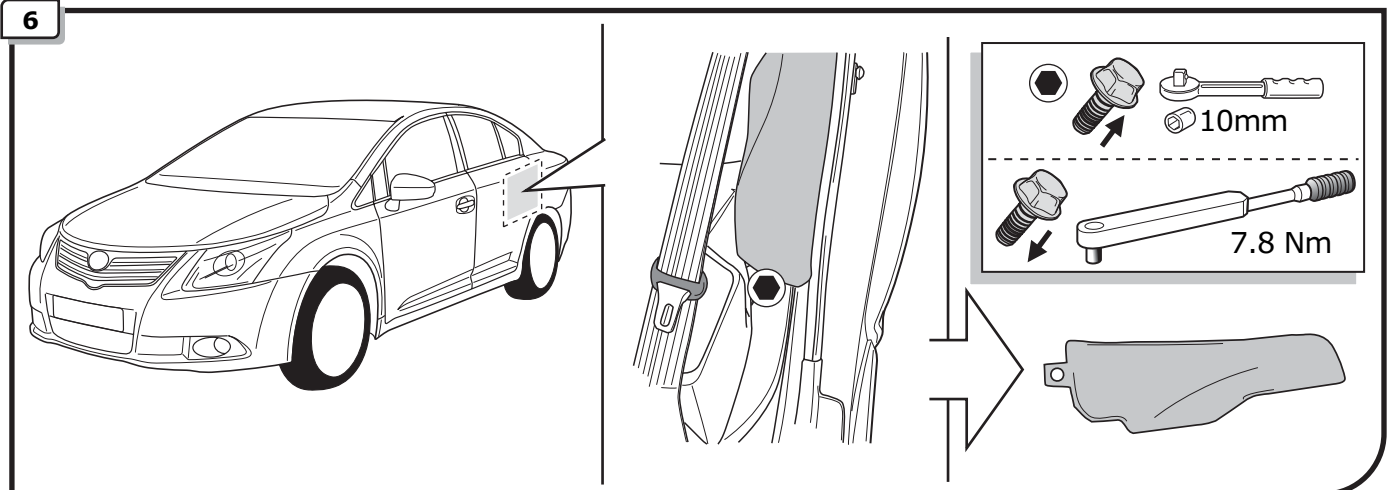
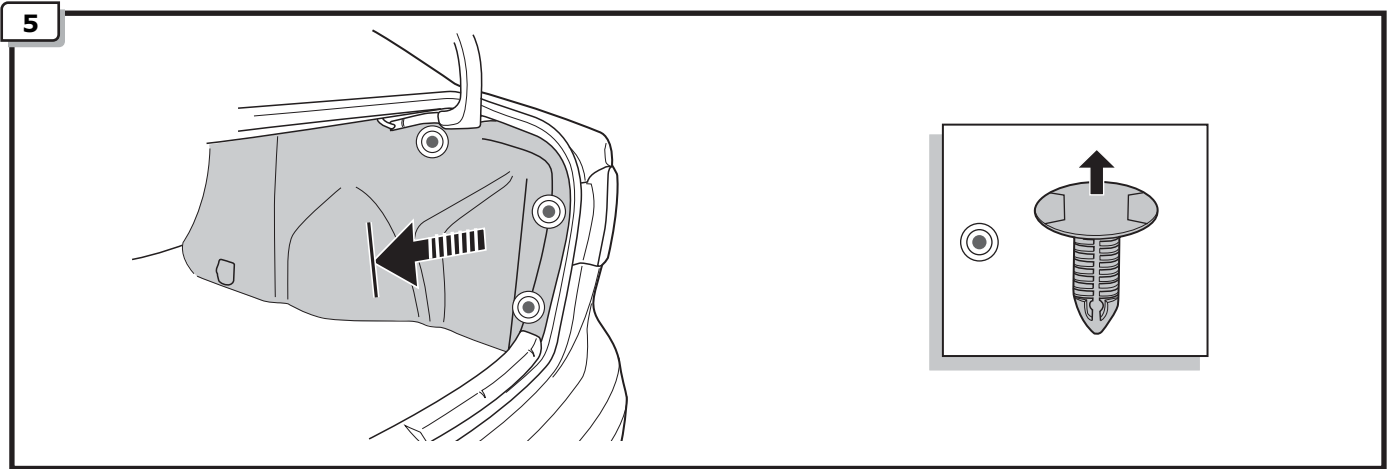
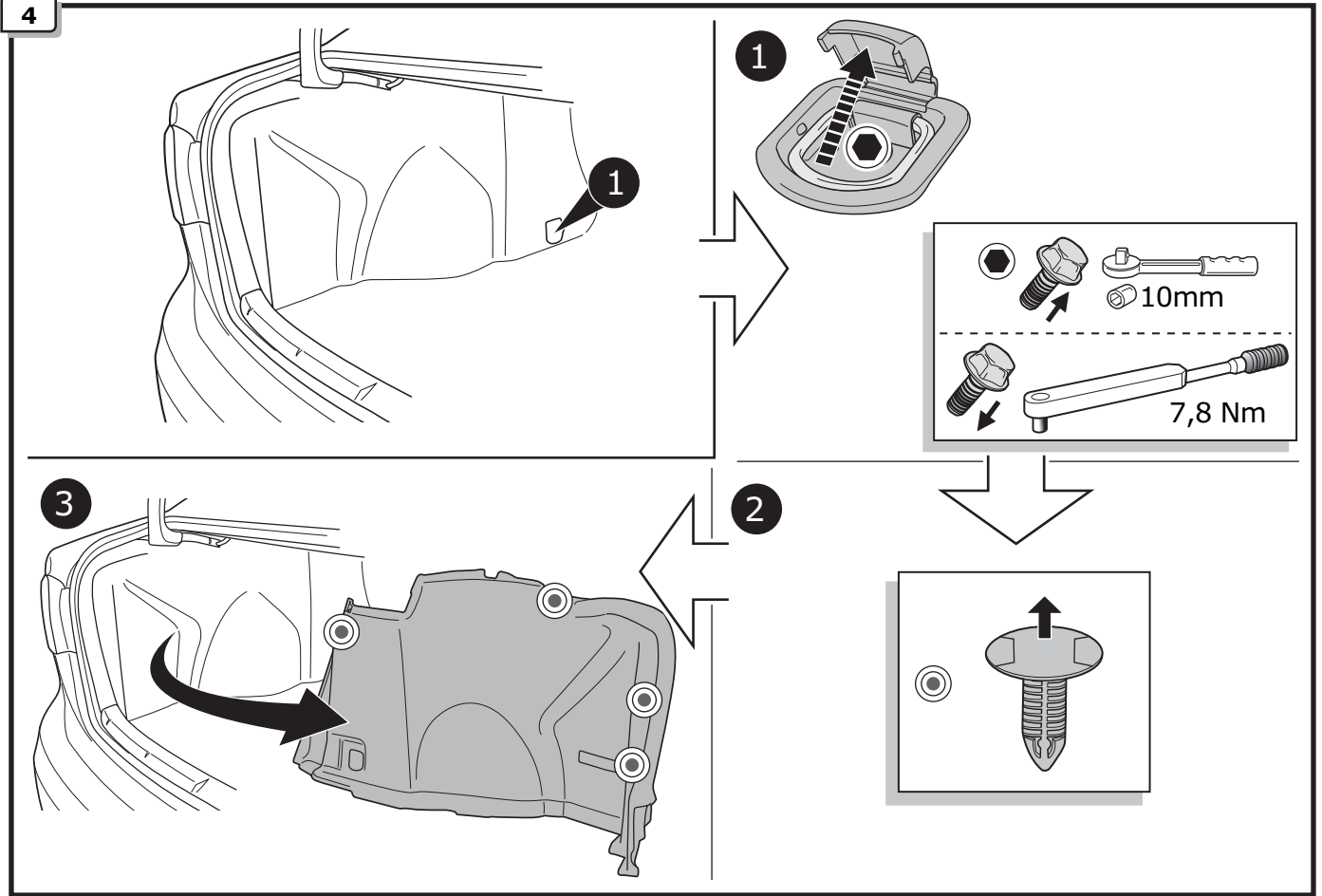


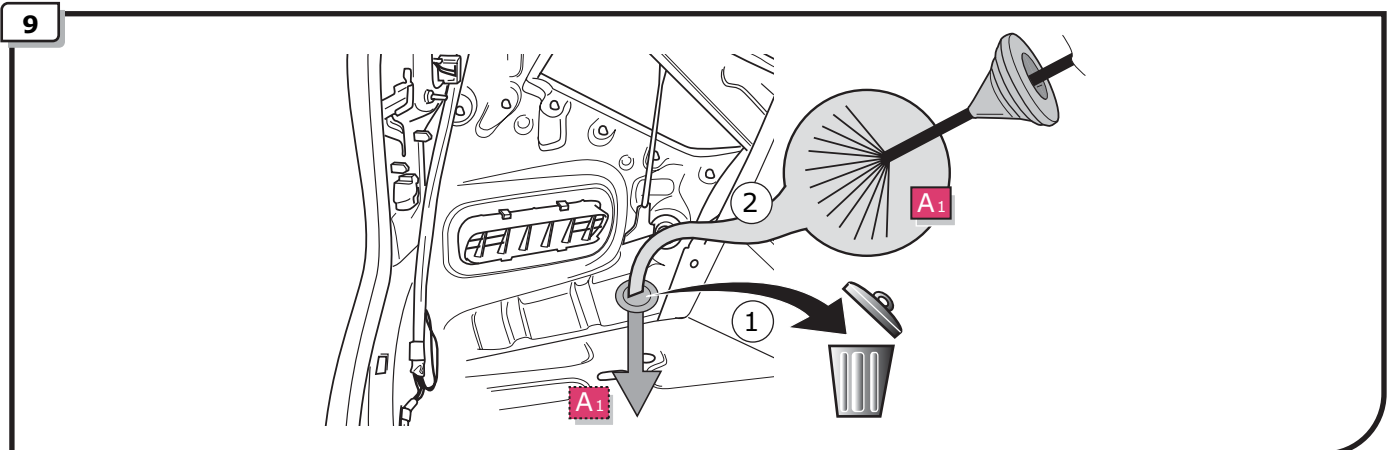
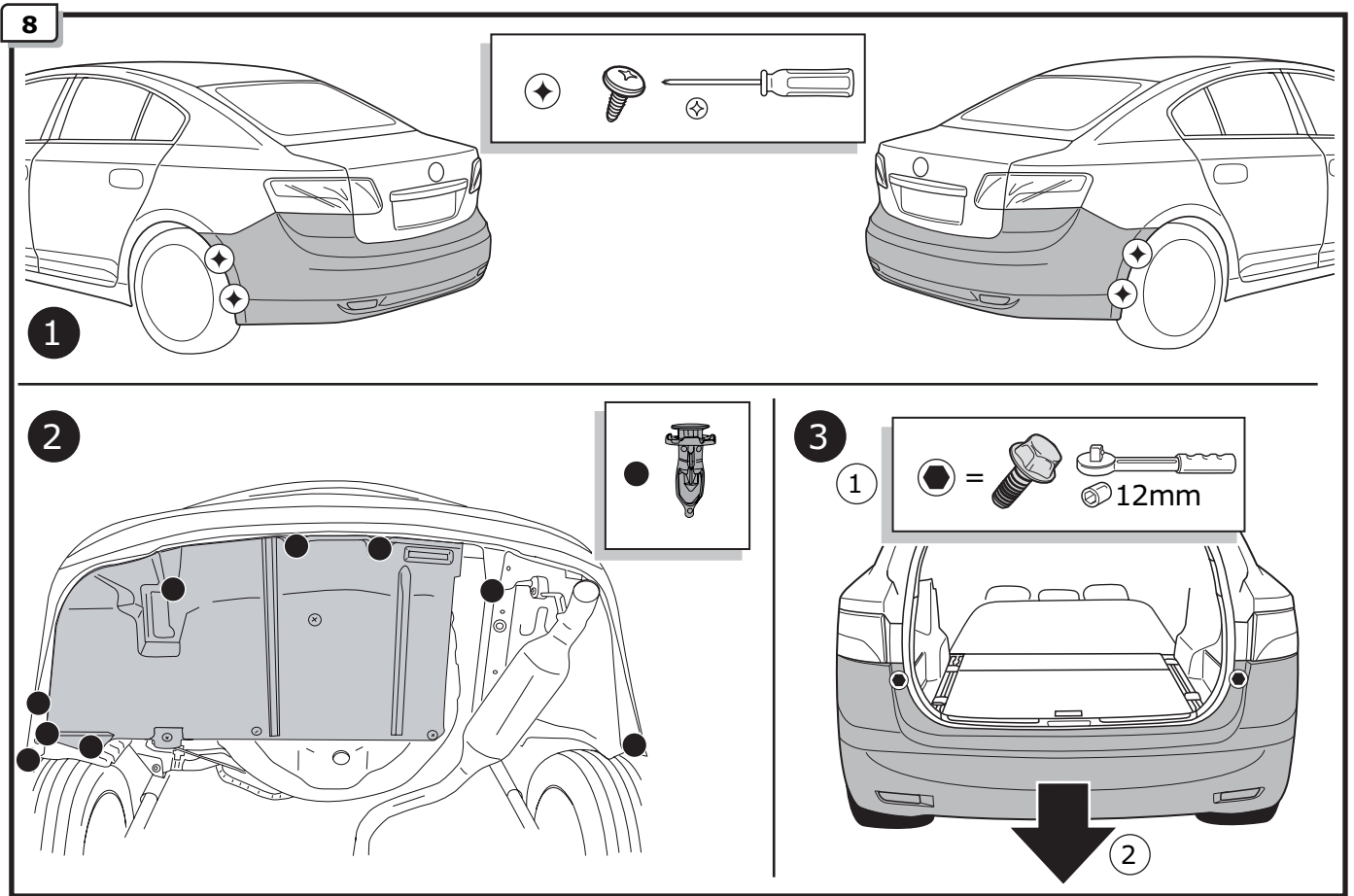
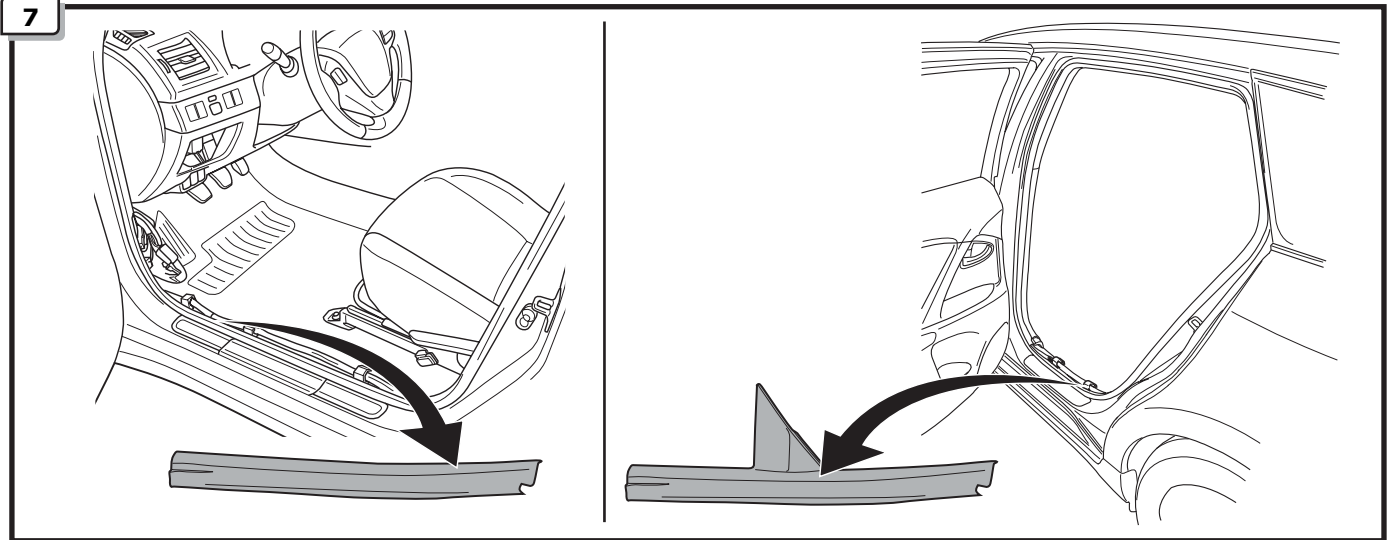
**ROUTING**






















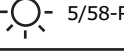





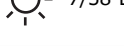



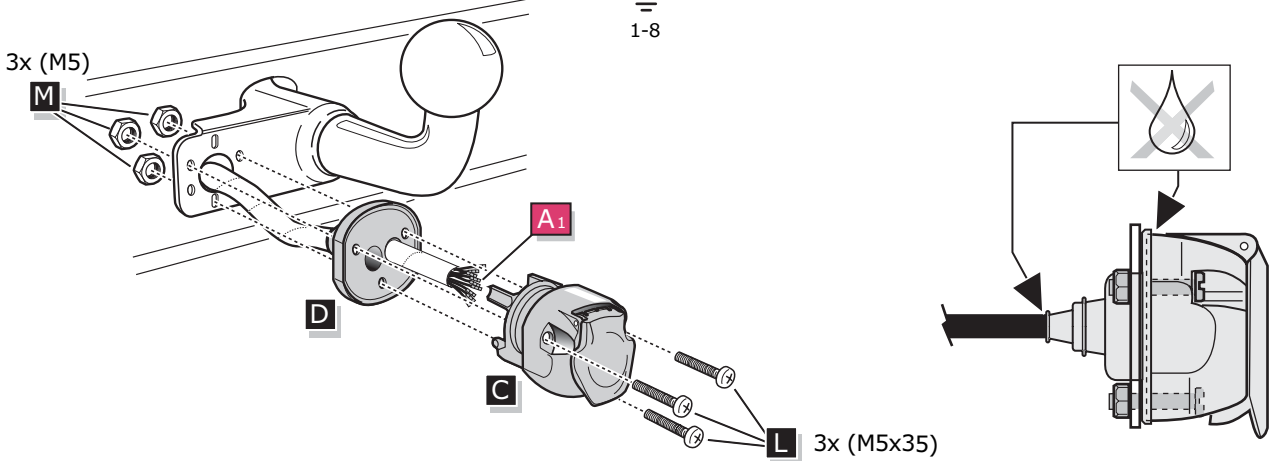
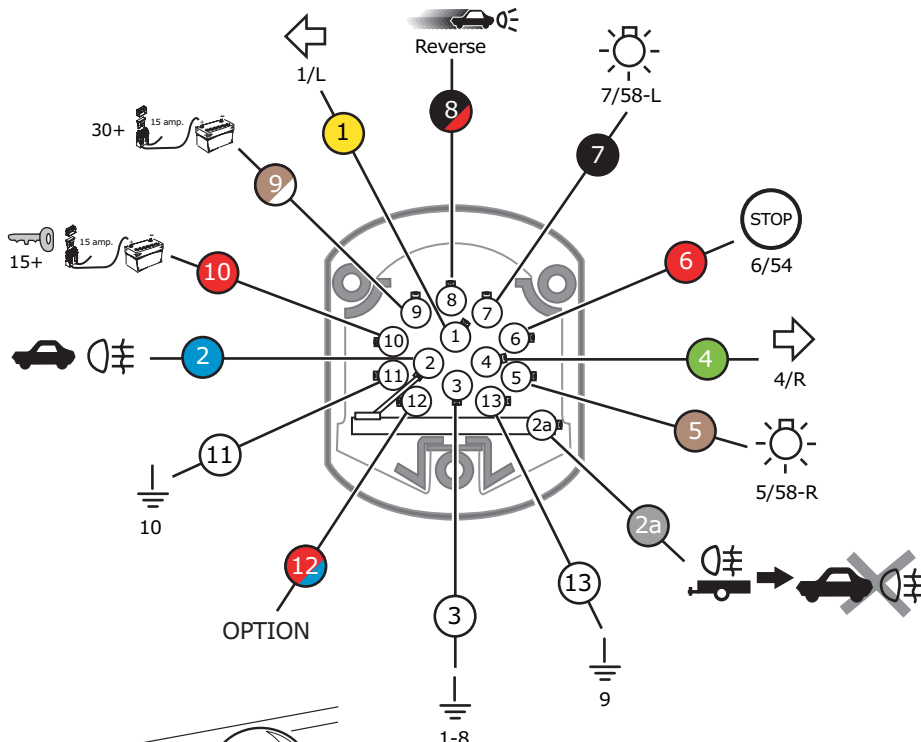




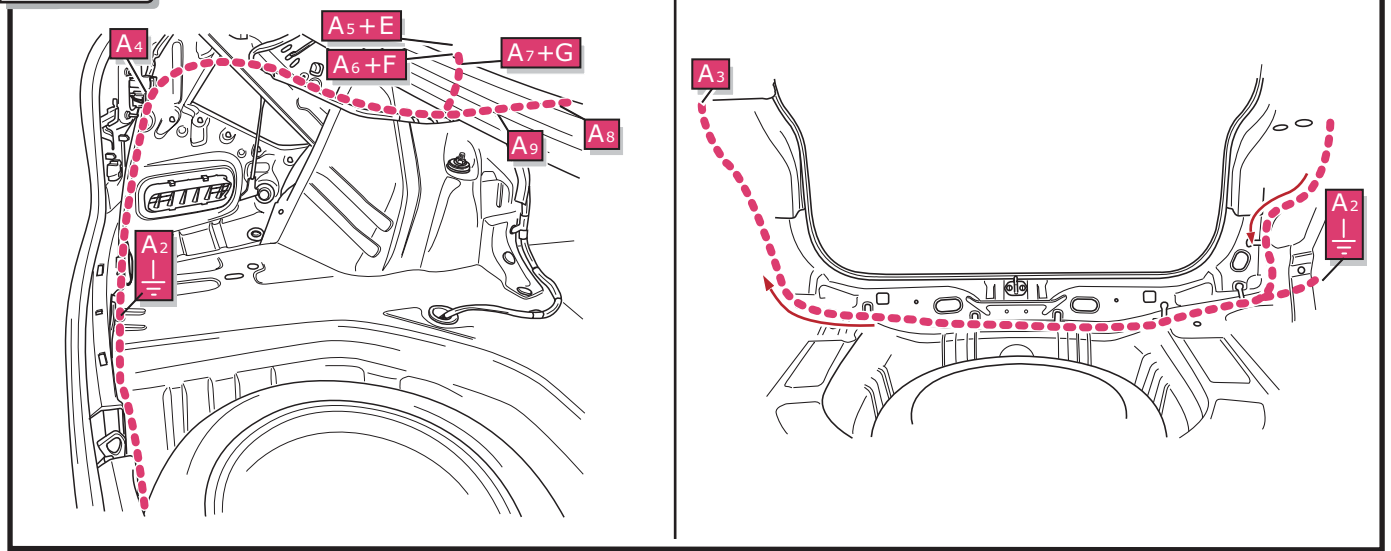


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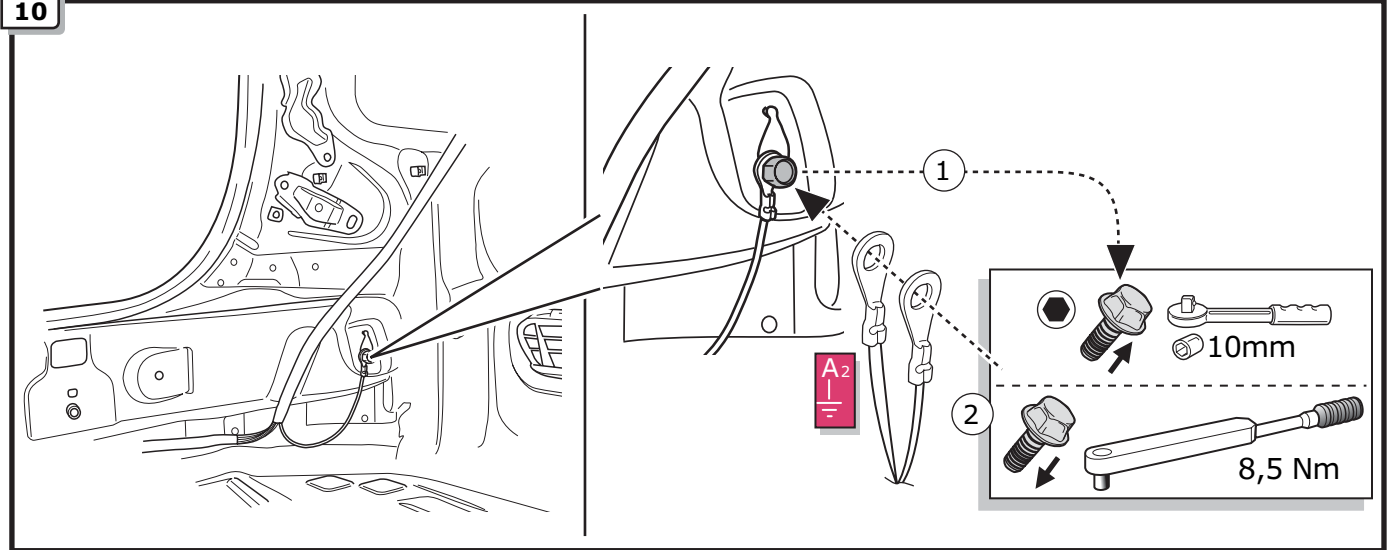
			Pmax:				Pmax:
1	 1/L	 Y	21W	8	 Reverse	 B-R	2x21W
2		 L	2x21W	9		 BR-W	180W/15Amp.
2a		 GR		10		 R 2,5mm <sup>2</sup>	180W/15Amp.
3	 1-8	 W		11	 10	 W	
4	 4/R	 G	21W	12	 R-L		
5	 5/58-R	 BR	52W	13	 9	 W	
6	 6/54	 R 1mm <sup>2</sup>	3x21W				
7	 7/58-L	 B	52W				



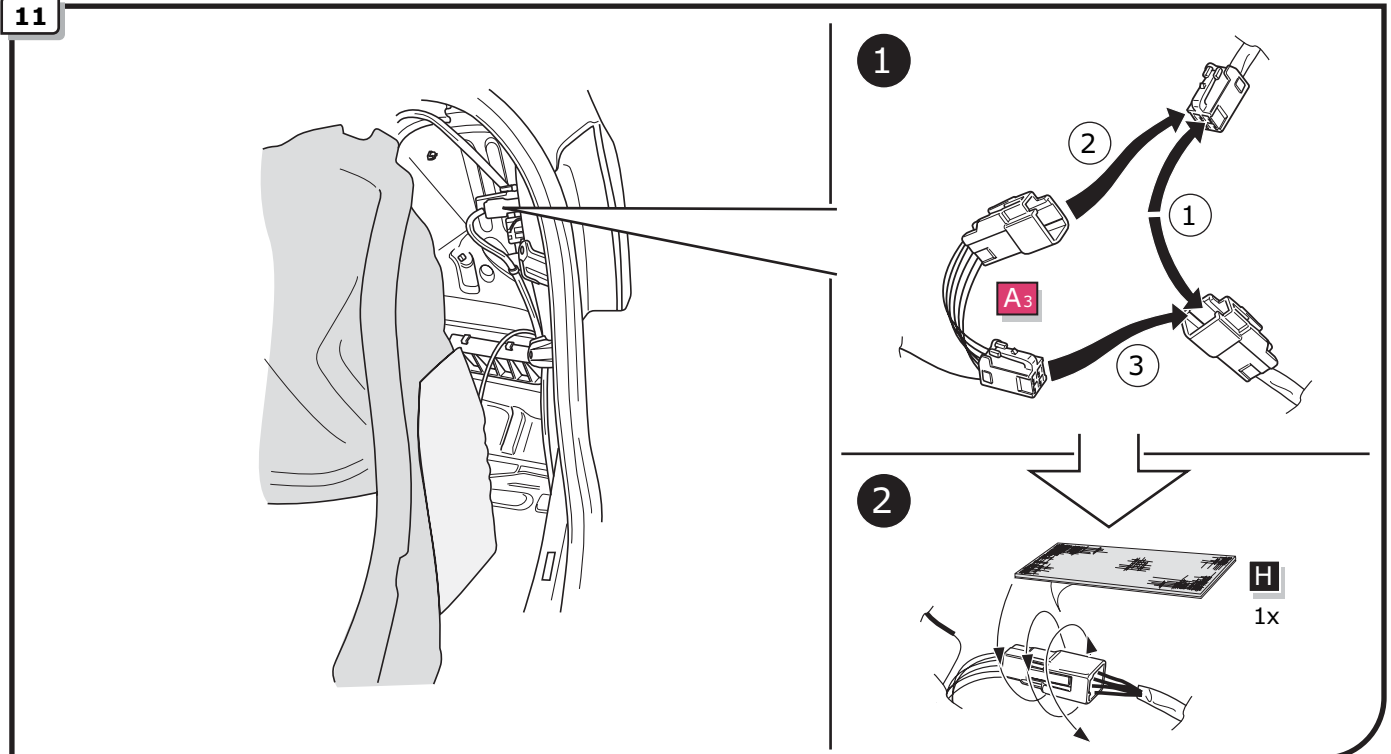
# ROUTING

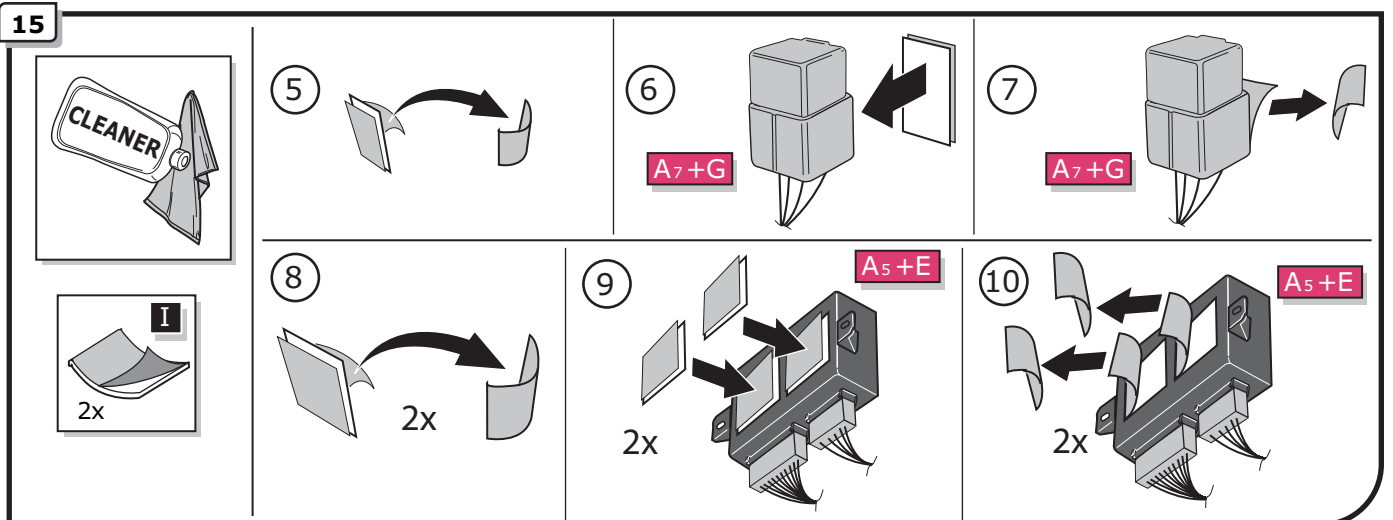
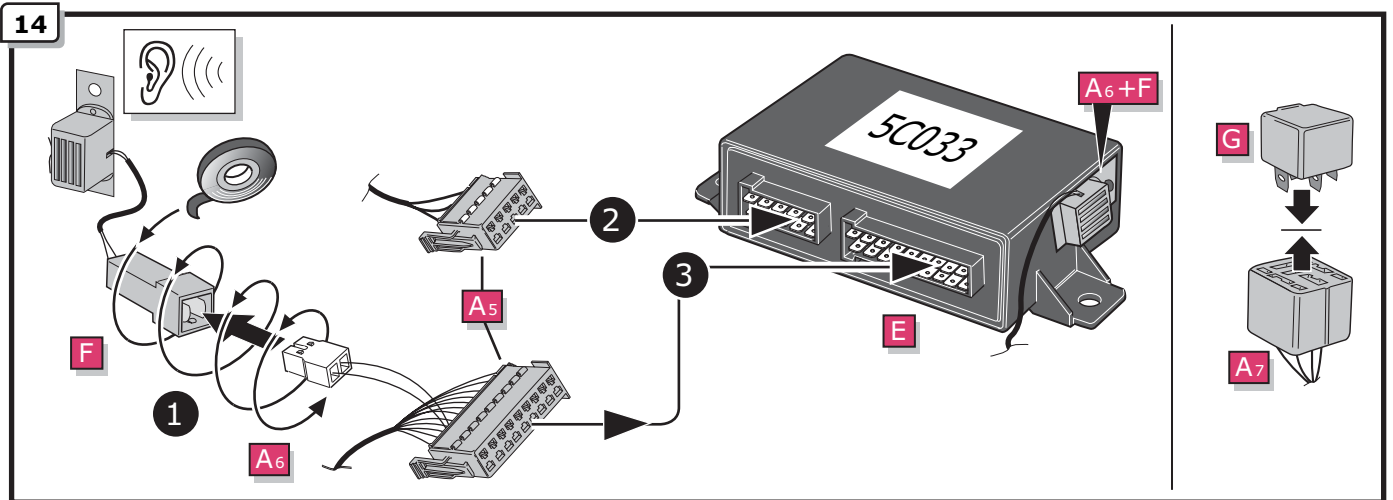
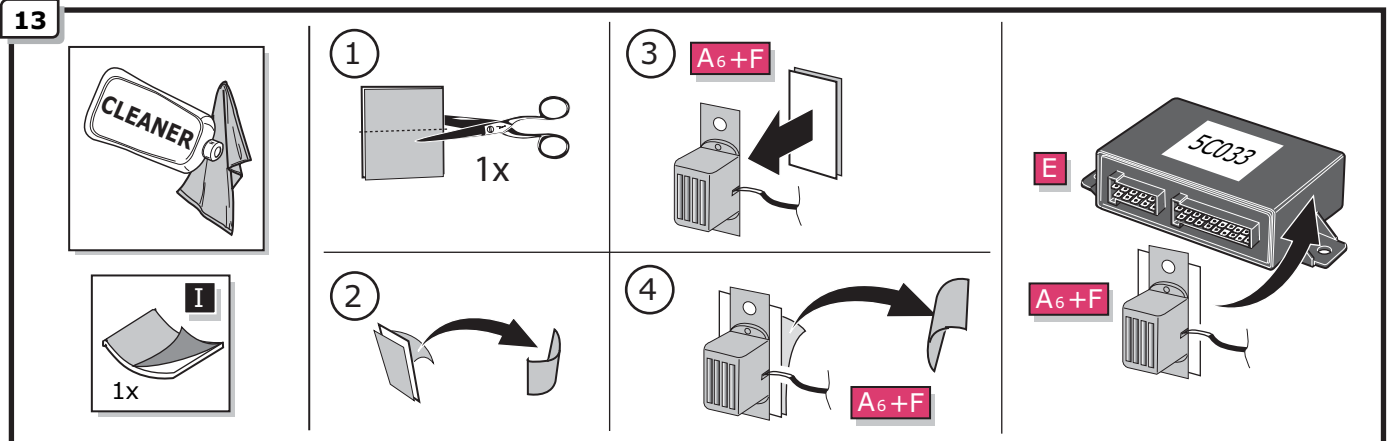
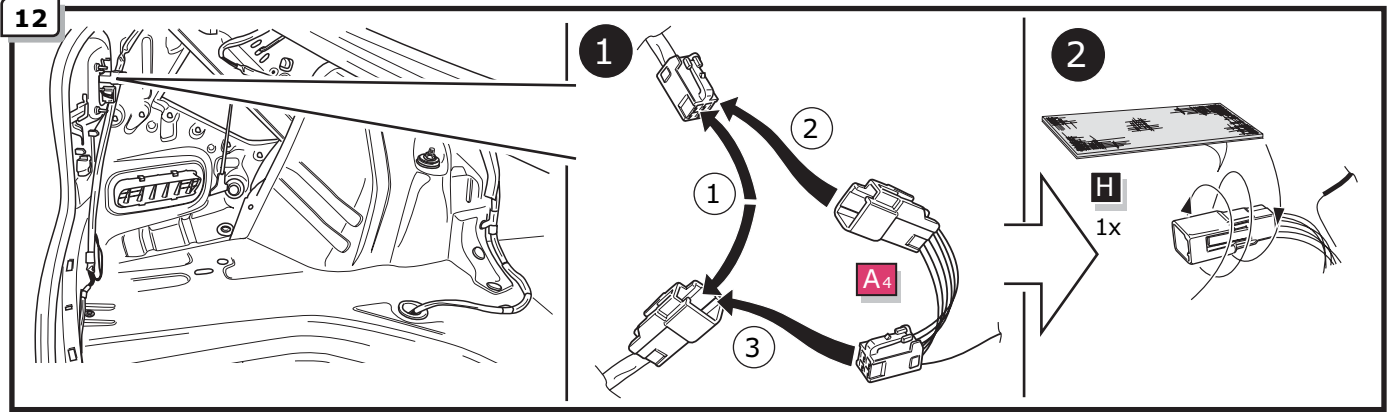


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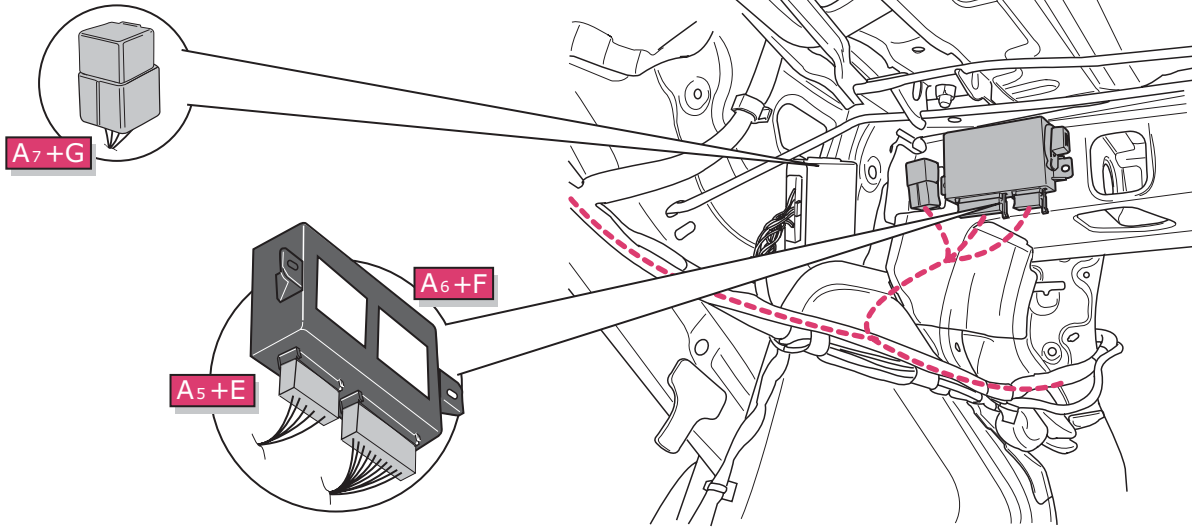
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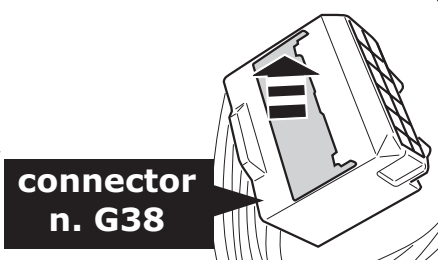
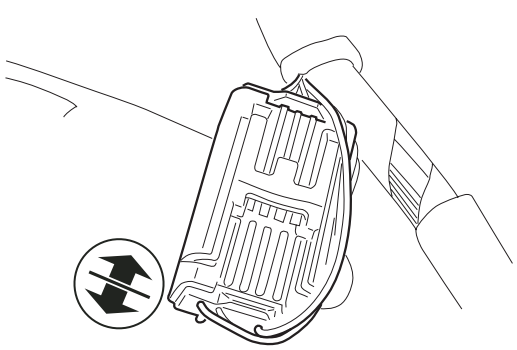
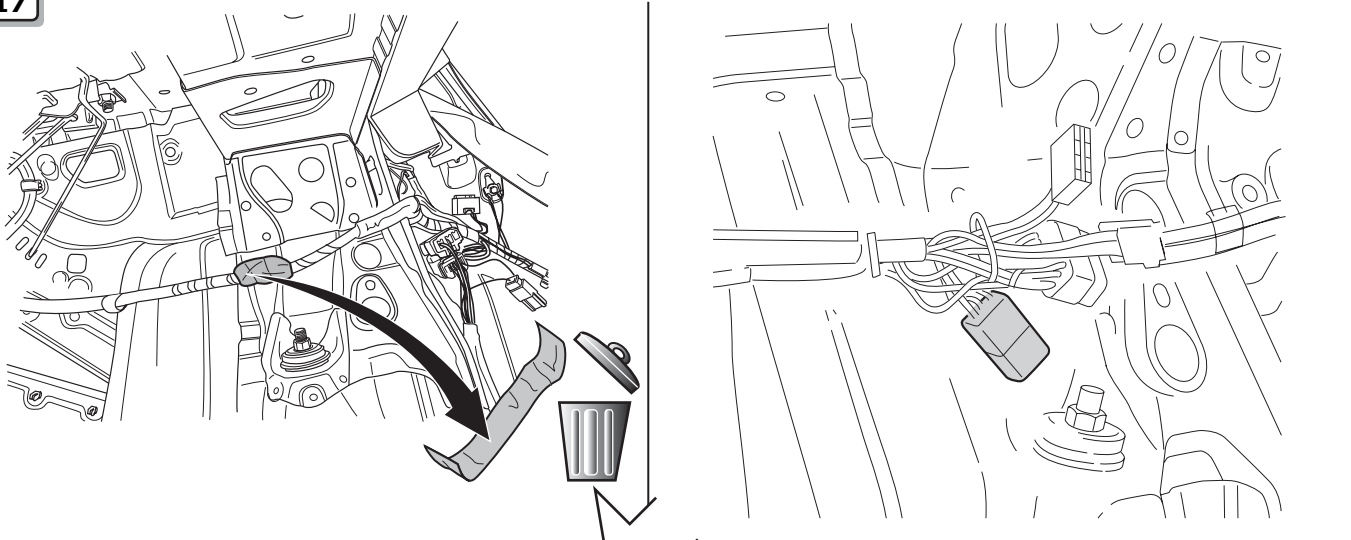




16



17



 **TOYOTA TECHNICAL DRAWING**

 **LHD** 18

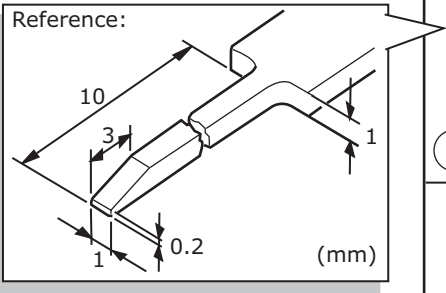
 **RHD** 19

**LHD**

WIRE VIEW

G-R **A8**

PIN	Signal
LHD 2	REVERSE



TPA REAR PZ464-T3420-00

TPA REAR PZ464-T3420-00

① **LHD** PIN 2 WIRE VIEW

② **LHD** PIN 2 WIRE VIEW

TPA REAR PZ464-T3420-00

TOYOTA PN. 90980-10871

**A8**

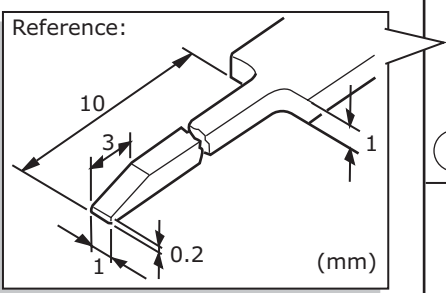
③

**RHD**

WIRE VIEW

G-R **A8**

PIN	Signal
RHD 1	REVERSE



TPA REAR PZ464-T3420-00

TPA REAR PZ464-T3420-00

① **RHD** PIN 1 WIRE VIEW

② **RHD** PIN 1 WIRE VIEW

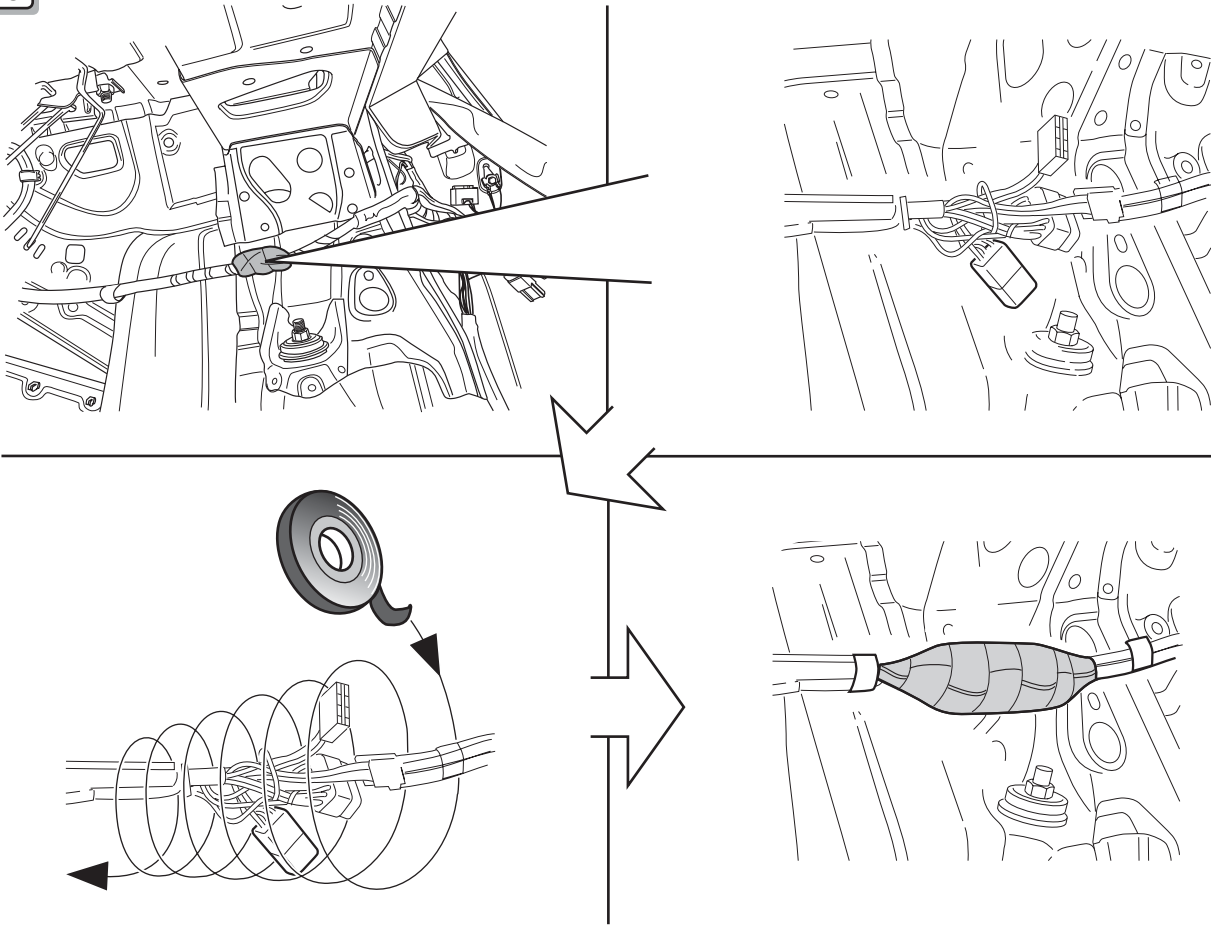
TPA REAR PZ464-T3420-00

TOYOTA PN. 90980-10871

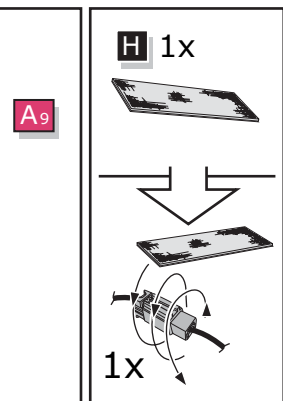
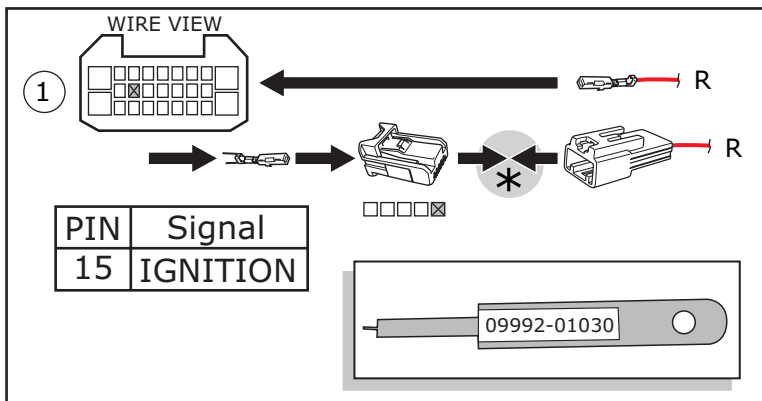
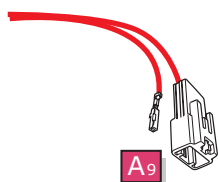
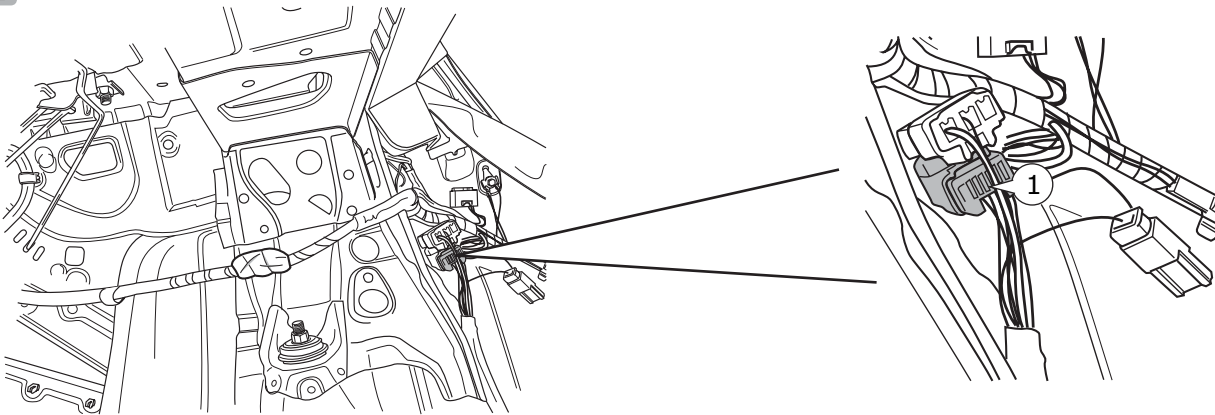
**A8**

③

20

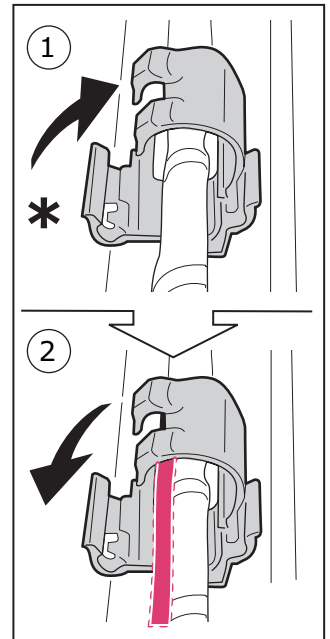
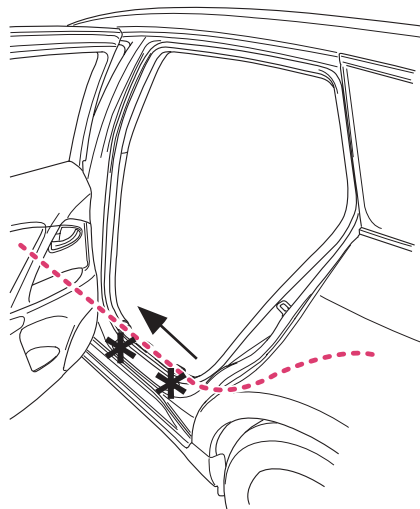
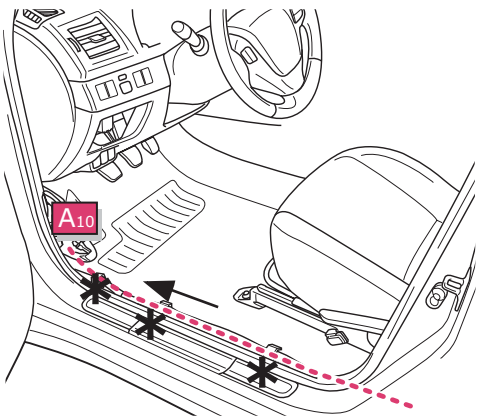


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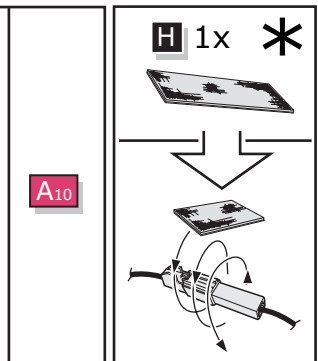
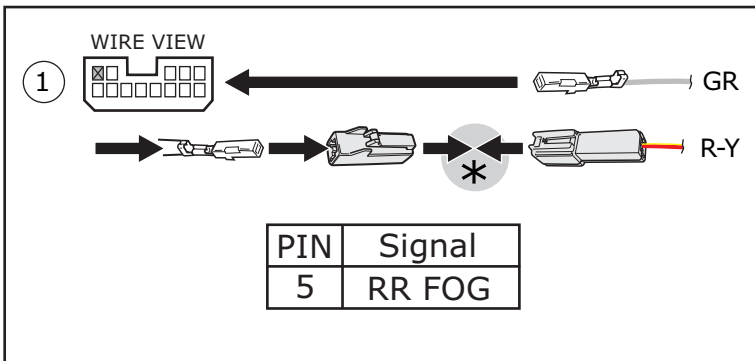
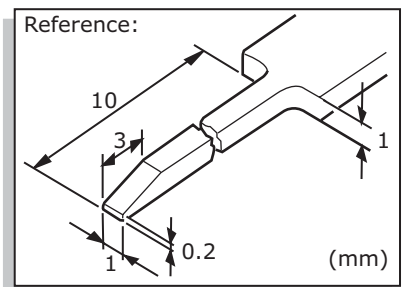
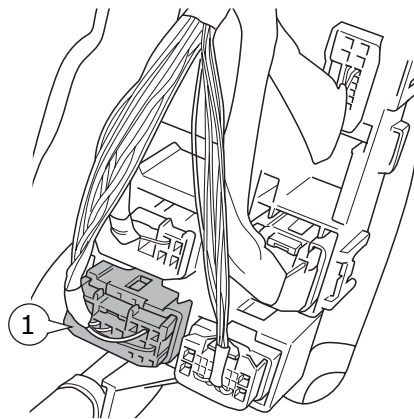
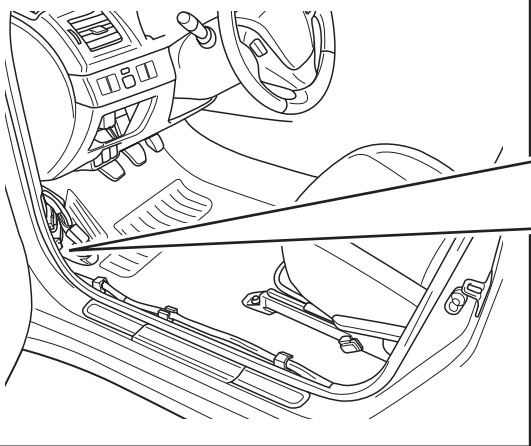




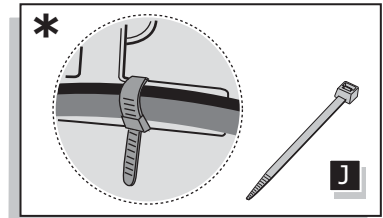
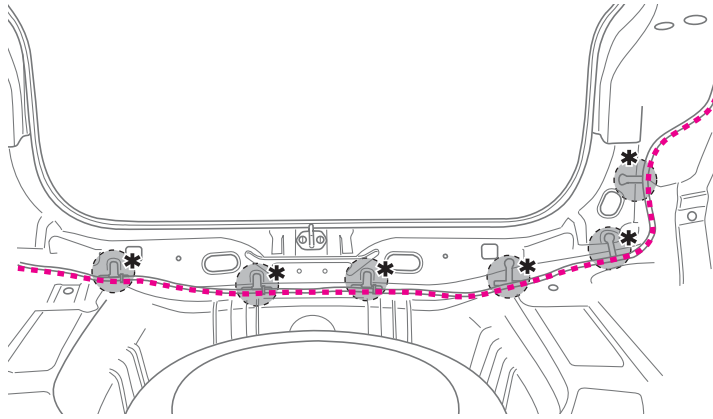
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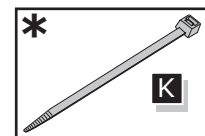
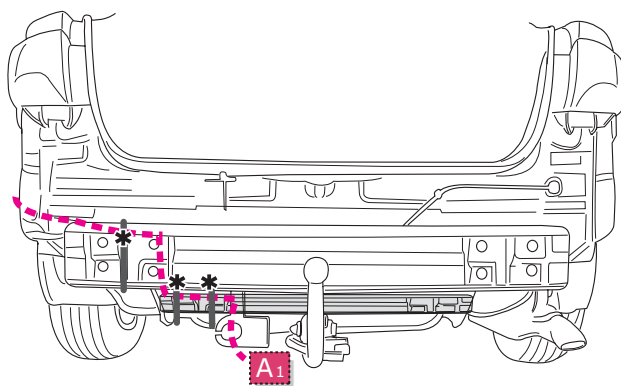
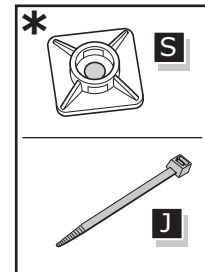
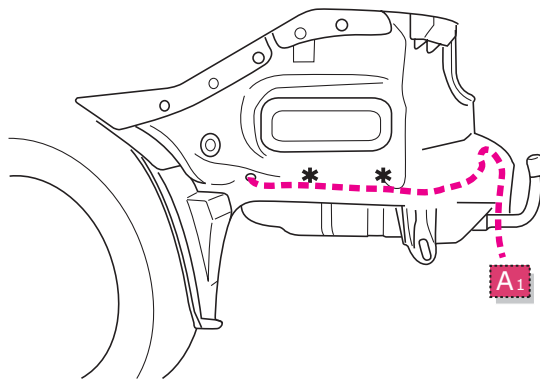
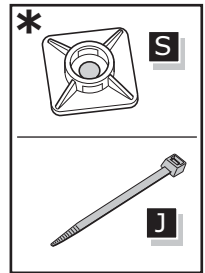
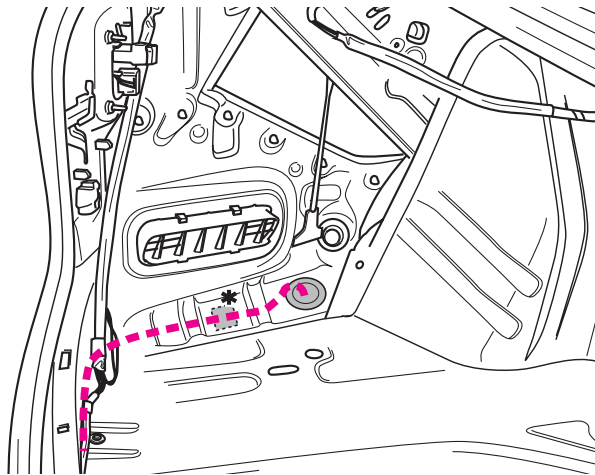
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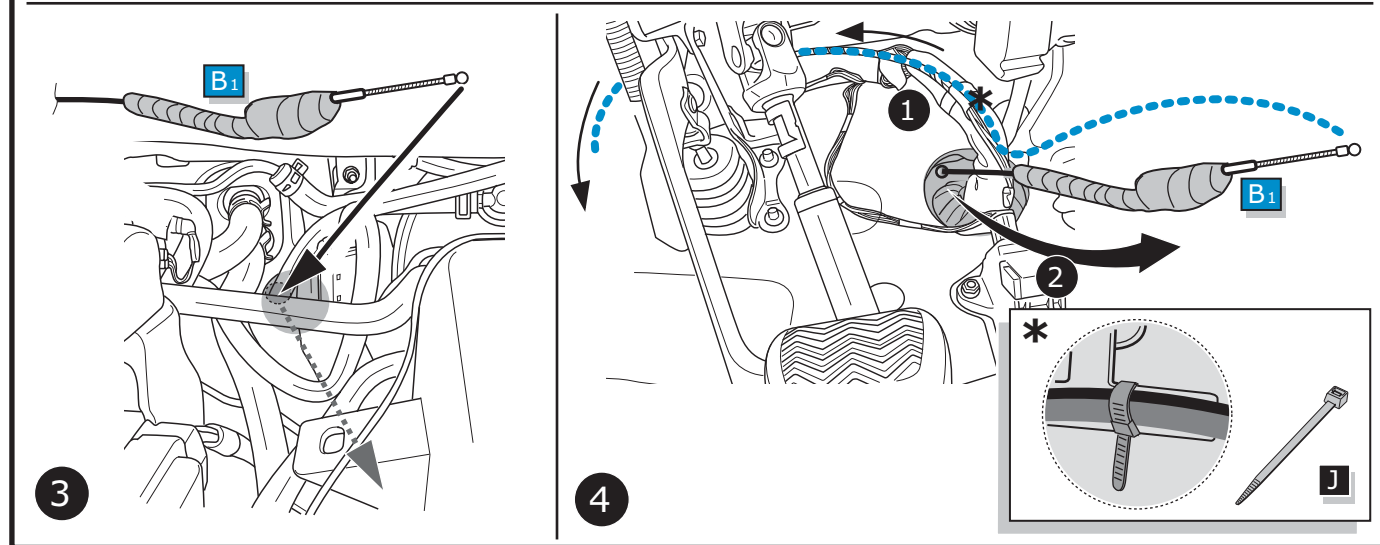
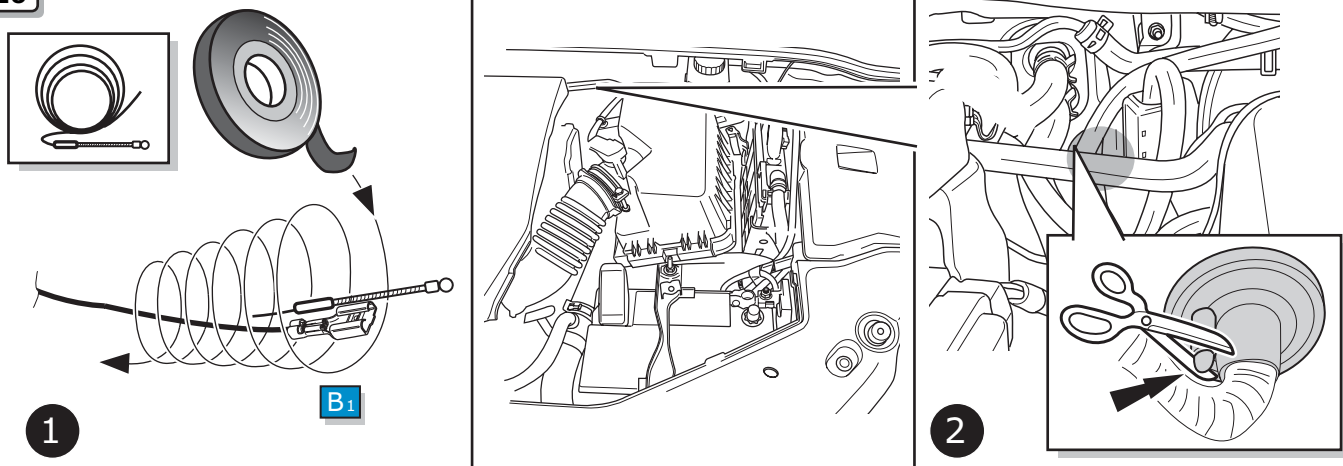
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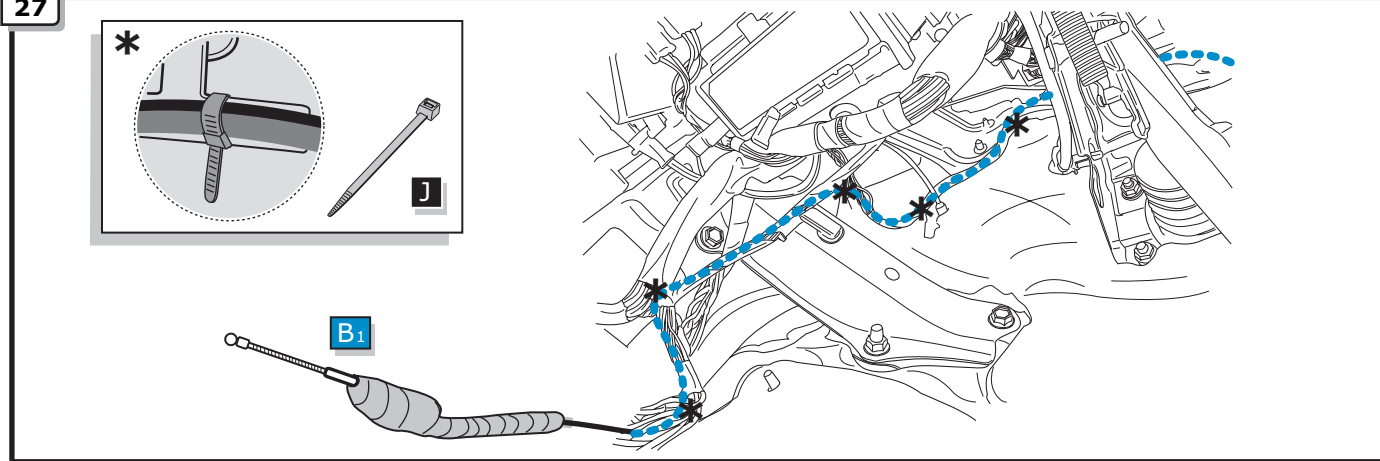
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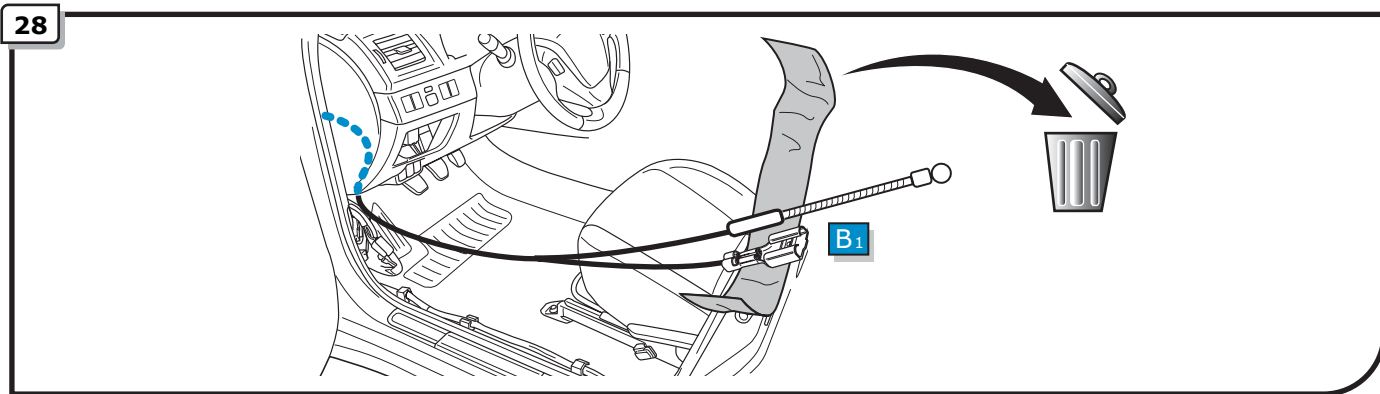
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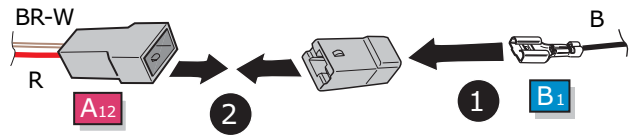
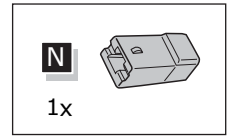
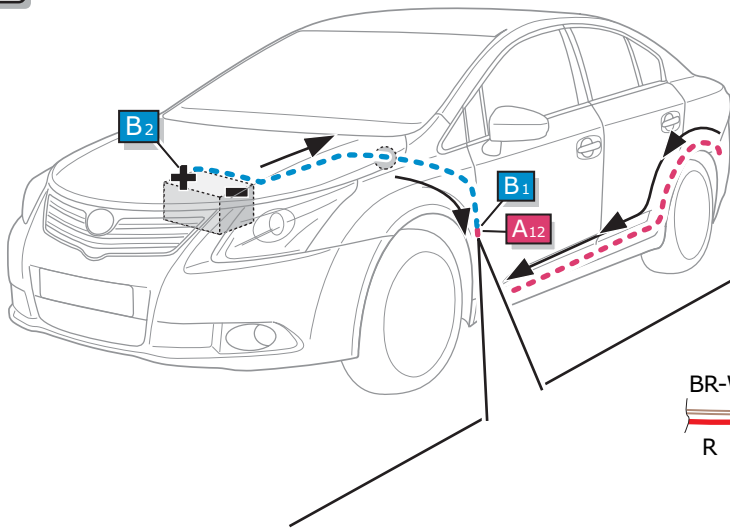
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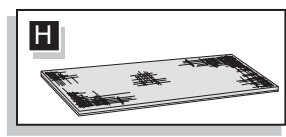
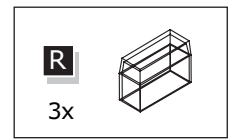
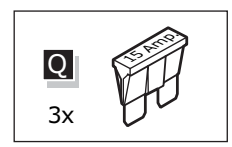
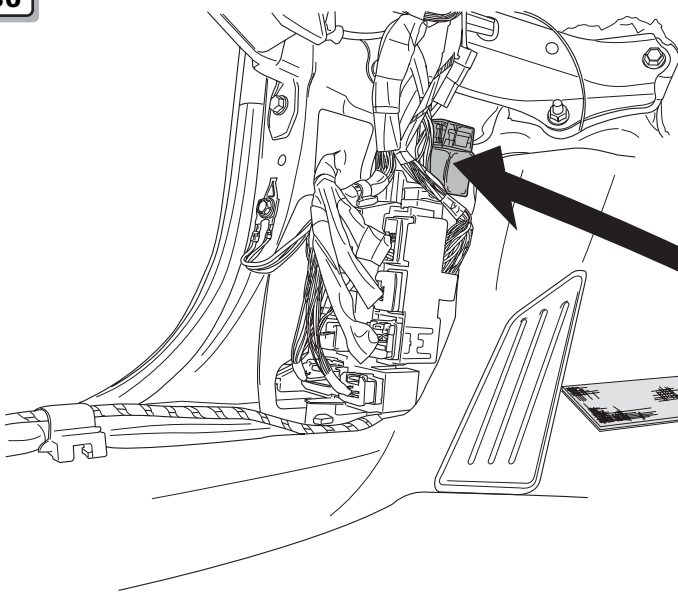
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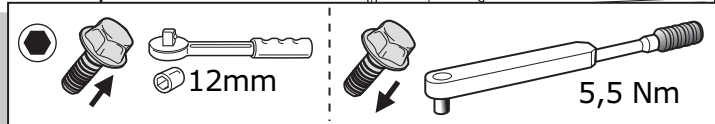
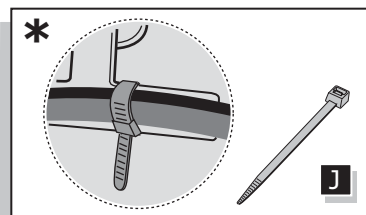
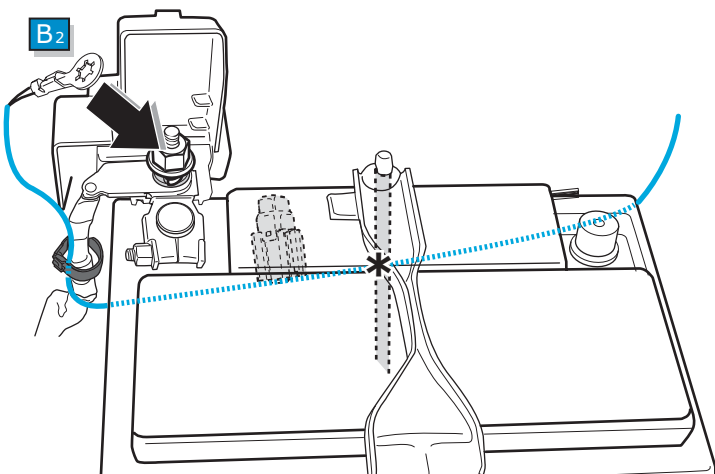
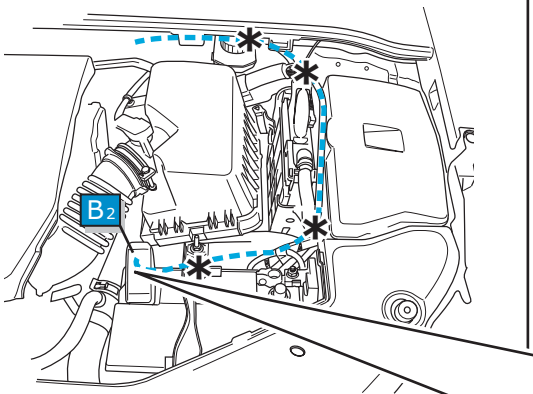
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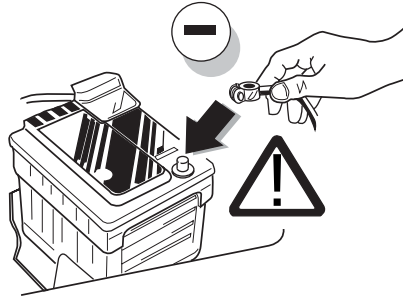
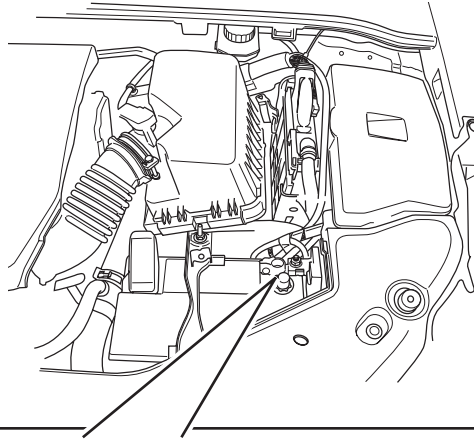


30



31





- EN** 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!
- DE** FUNKTIONEN KONTROLLIEREN MIT EINEM PRÜFGERÄT MIT WIDERSTAND ODER MIT LEUCHTEN MIT DER GENAUEN WATTZAHL!
- ES** ¡CONTROLAR FUNCIONES CON UN TESTER CON CARGA O LUCES CON EL CORRECTO WATTAJE!
- FR** CONTRÔLER LES FONCTIONS AVEC UNE BOÎTE DE TEST AVEC DE LA CHARGE OU DES LAMPES AVEC LA QUANTITÉ CORRECTE DE WATT!
- IT** CONTROLLA FUNZIONI CON UN TESTER CON CARICO O LAMPADE DEL GIUSTO WATT-TAGGIO!
- PT** FUNÇÕES DE COMANDO COM UM VERIFICADOR COM CARGA OU LÂMPADAS DE POTÊNCIA ADEQUADA
- NL** CONTROLEER FUNCTIES MET EEN TESTER MET BELASTING OF LAMPEN MET DE JUISTE WATTAGE!
- RU** ПРОВЕРТЕ РАБОТУ ФУНКЦИЙ С ПОМОЩЬЮ ИСПЫТАТЕЛЬНОГО ПРИБОРА С ЭЛЕКТРИЧЕСКОЙ НАГРУЗКОЙ ИЛИ С ЛАМПАМИ С СООТВЕТСТВУЮЩЕЙ МОЩНОСТЬЮ (ВАТТ)!
- DA** CHECK FUNKTIONERNE MED EN TESTBOKS, MED BELASTNING ELLER MED LYGTER MED DET KORREKTE ANTAL WATT!
- NO** KONTROLER FUNKSJONENE MED EN TESTER MED BELASTNING ELLER LYSÆRER MED RIKTIG WATTVERDI!
- SV** KONTROLLERA FUNKTIONERNA MED EN TESTARE MED BELASTNING ELLER LAMPOR MED RÄTT WATT-VÄRDE!
- FI** TARKISTA TOIMINNOT KÄYTTÄMÄLLÄ TESTILAITE, JOSSA ON OIKEATEHOINEN KUORMITUS TAI OIKEATEHOISET LAMPUT!
- CS** OVĚŘTE FUNKCE POMOČÍ TESTOVACÍHO BOXU NEBO SVĚTEL S PŘÍSLUŠNÝM VÝKONEM!
- HU** A FUNKCIÓKAT EGY KORREKT TELJESÍTMÉNYŰ TERHELÉssel VAGY IZZÓKKAL RENDELKEZŐ TESZTERREL ELLENŐRIZZE!
- PL** SPRAWDŹ FUNKCJE UŻYWAJĄC SKRZYŃKI TESTOWEJ Z OBCIĄŻENIEM LUB PODŁĄCZONYMI ŻARÓWKAMI O ODPOWIEDNIEJ MOCY!
- EL** ΕΛΕΓΕΤΕ ΤΙΣ ΛΕΙΤΟΥΡΓΙΕΣ ΜΕ ΉΝΑ ΚΙΒΩΤΙΟ ΔΟΚΙΜΗΣ ΜΕ ΦΟΡΤΙΟ Ή ΛΑΜΠΤΗΡΕΣ ΣΩΣΤΗΣ ΠΟΣΟΤΗΤΑΣ ΒΑΤ!
- TR** LAMBA İŞLEMLERİN DOĞRU ÇALIŞTIĞINI, TEST MAKİNESİYLE DOĞRU VOLTAJDA DENENİN!