

TOYOTA

RAV4

Toyota Parking Aid 400

Installation instructions



Vehicle code: **A30*-AW***W

Part number: PZ464-X0422-00



Weight: Main kit 0,7 kg / Sensor kit 0,1 kg



Installation time: 2.0 hr without towing hitch

2.20 hr with towing hitch

Manual reference number: AIM 000 525 - 4

Revision Record

Rev. No.	Date	Page	Picture	Update	New	Deleted Steps
01	16-01-2006	1	Text	X		
02	30-01-2006	6		X		
02	30-01-2006	12	8	X		
02	30-01-2006	21-26		X		
03	21-07-06	1		X		
03		18	28	X		
04	15-09-06	18	28	X		

GB

- 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 securely located.

D

- Montage durch Fachwerkstatt erforderlich.
- Massekabel von Batterie abklemmen.
- Zur Vermeidung von Beschädigungen an der Kabelisolation 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.

E

- 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.

F

- 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.

I

- 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.

P

- Especialista em montagem requerido.
- Separe o cabo de terra do acumulador.
- Para não se danificar a isolação 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.

NL

- Montage door vakman nodig.
- Massakabel van accu losmaken.
- Ter vermindering van beschadiging aan 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.

DK

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

N

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

S

- Verkstadsmontage erfordras.
- Lossa stomkabeln från batteriet.
- För att förhindra skador på ledningarnas isolation skall berøring 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.

FIN

- Asennus tarpeen merkkikorjaamossa.
- Erotä 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.

CZ

- 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 připojit baterii.
- Opět připevněte panely; dbejte na to, aby svazek kabelů a ostatní části byly uloženy na správném místě.

H

- A szereléshez szakmúhely 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 alkatrészek pontosan a számkra kijelölt helyen maradjanak.

PL

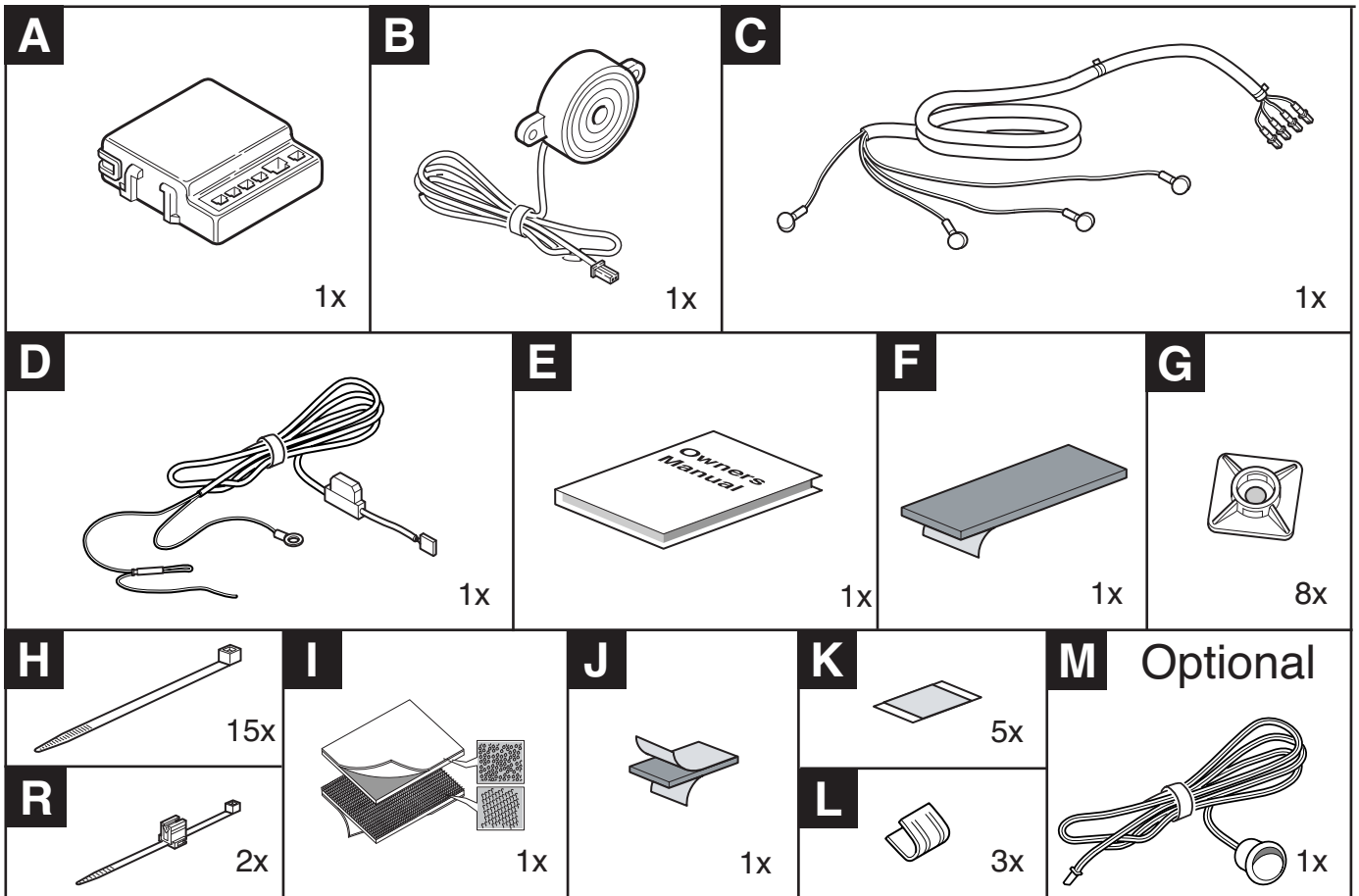
- Konieczny montaż przez warsztat specjalistyczny.
- Odłączyć przewód masy od akumulatora.
- Dla zapobieżenia uszkodzeniu izolacji chronić przed zetknięciem z ostrymi krawędziami.
- Zamontować części zgodnie z rysunkiem.
- Ponownie podłączyć akumulator.
- Na powrót osadzić osłony; zadbać aby wiązka kablowa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

GR

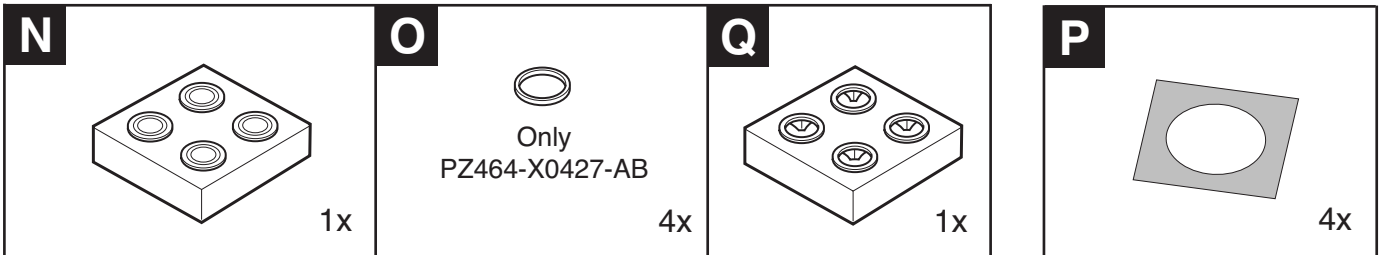
- Να τοποθετεί από συνεργείο.
- Αποσυνδέστε το καλώδιο γείωσης από τη μπαταρία.
- Για να αποφευχθούν ζημιές στη μόνωση καλωδίων, να αποφεύγεται η επαφή των με αιχμηρές ακμές.
- Τοποθέτηση των μερών σύμφωνα με τις Εικόνες.
- Συνδέστε πάλι τη μπαταρία.
- Τοποθετήστε πάλι το κάλυμμα· προσοχή, η πλεξούδα καλωδίων και άλλα μέρη να είναι τοποθετημένα ακριβώς και σύμφωνα με τους κανονισμούς.


	GB	D	E	F	I	P	NL	DK
L	Blue	Blau	Azul	Bleu	Blu	Azul	Blauw	Blå
B	Black	Schwarz	Negro	Noir	Nero	Preto	Zwart	Sort
BR	Brown	Braun	Marrón	Marron	Marrone	Castanho	Bruin	Brun
G	Green	Grün	Verde	Vert	Verde	Verde	Groen	Grøn
GR	Grey	Grau	Gris	Gris	Grigio	Cinzento	Grijs	Grå
NO	Natural colour	Naturfarben	Color natural	Nature	Colori naturali	Cores naturais	Naturel	Naturfarvet
O	Orange	Orange	Naranja	Orange	Arancione	Laranja	Oranje	Orange
P	Pink	Rosa	Rosa	Rose	Rosa	Rosa	Rosé	Rosa
R	Red	Rot	Rojo	Rouge	Rosso	Vermelho	Rood	Rød
W	White	Weiβ	Blanco	Blanc	Bianco	Branco	Wit	Hvid
Y	Yellow	Gelb	Amarillo	Jaune	Giallo	Amarelo	Geel	Gul
V	Violet	Violett	Violeta	Violet	Viola	Violeta	Violet	Violet


	N	S	SF	CZ	H	PL	GR
L	Blå	Blå	Sininen	Modrá	Kék	Niebieska	Μπλε
B	Sort	Svart	Musta	Černá	Fekete	Czarna	Μαύρο
BR	Brun	Brun	Ruskea	Hnědá	Barna	Brązowa	Καφέ
G	Grønn	Grøn	Vihreä	Zelená	Zöld	Zielona	Πράσινο
GR	Grå	Grå	Harmaa	Šedá	Szürke	Szara	Γκρι
NO	Naturfarger	Naturfärger	Luonnonväri	Přírodní barva	Természetes színű	Barwy naturalne	Φυσικά χρώματα
O	Orange	Orange	Oranssi	Oranžová	Narancs	Pomarańczowa	Πορτοκαλί
P	Rosa	Rosa	Rosa	Růžová	Rózsaszín	Różowa	Ροζ
R	Rød	Röd	Punainen	Červená	Piros	Czerwona	Κόκκινο
W	Hvit	Vit	Valkoinen	Bílá	Fehér	Biała	Λευκό
Y	Gul	Gul	Keltainen	Žlutá	Sárga	Żółta	Κίτρινο
V	Fiolett	Violett	Violetti	Fialová	Ibolyakék	Fioletowa	Μοβ

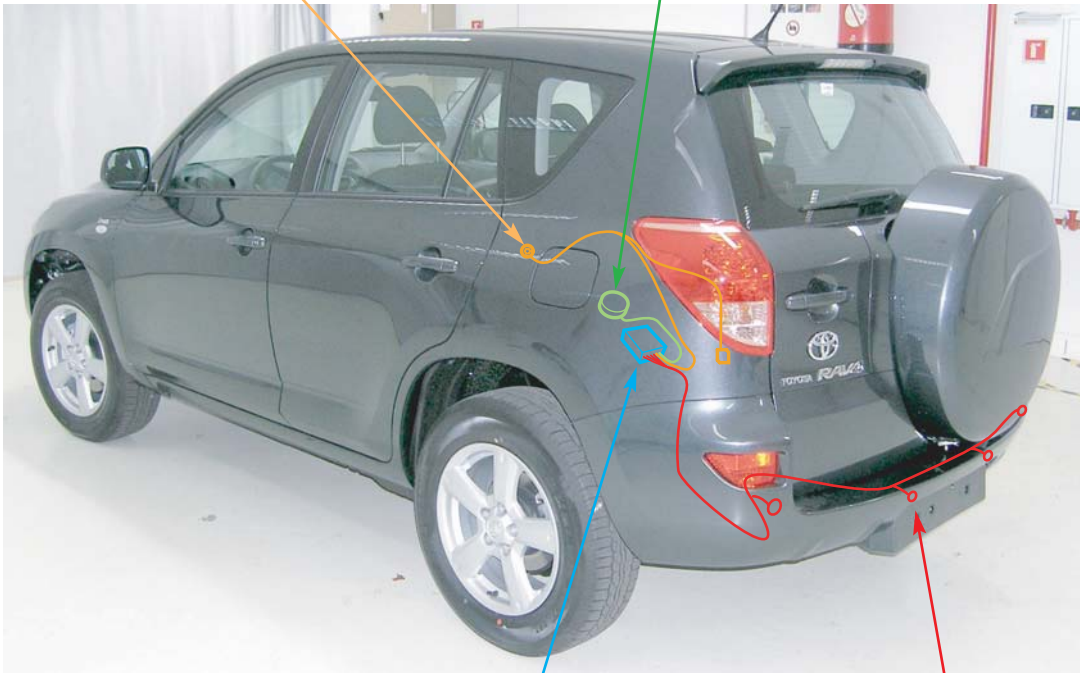


PZ464-X0427-**



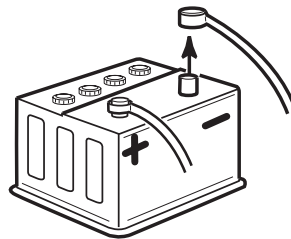
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 **26**



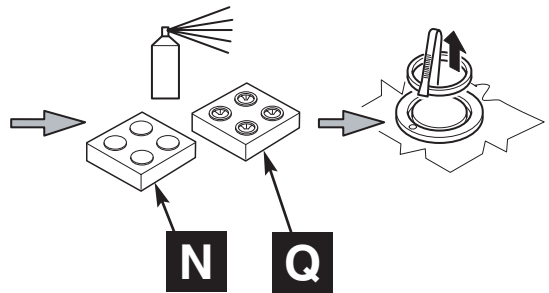
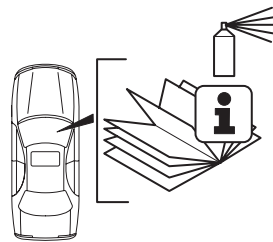
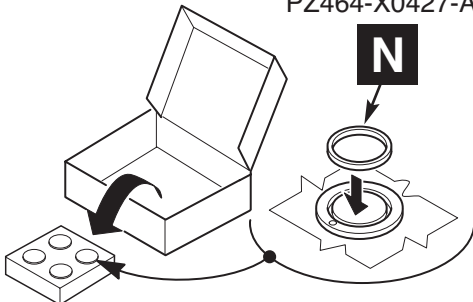
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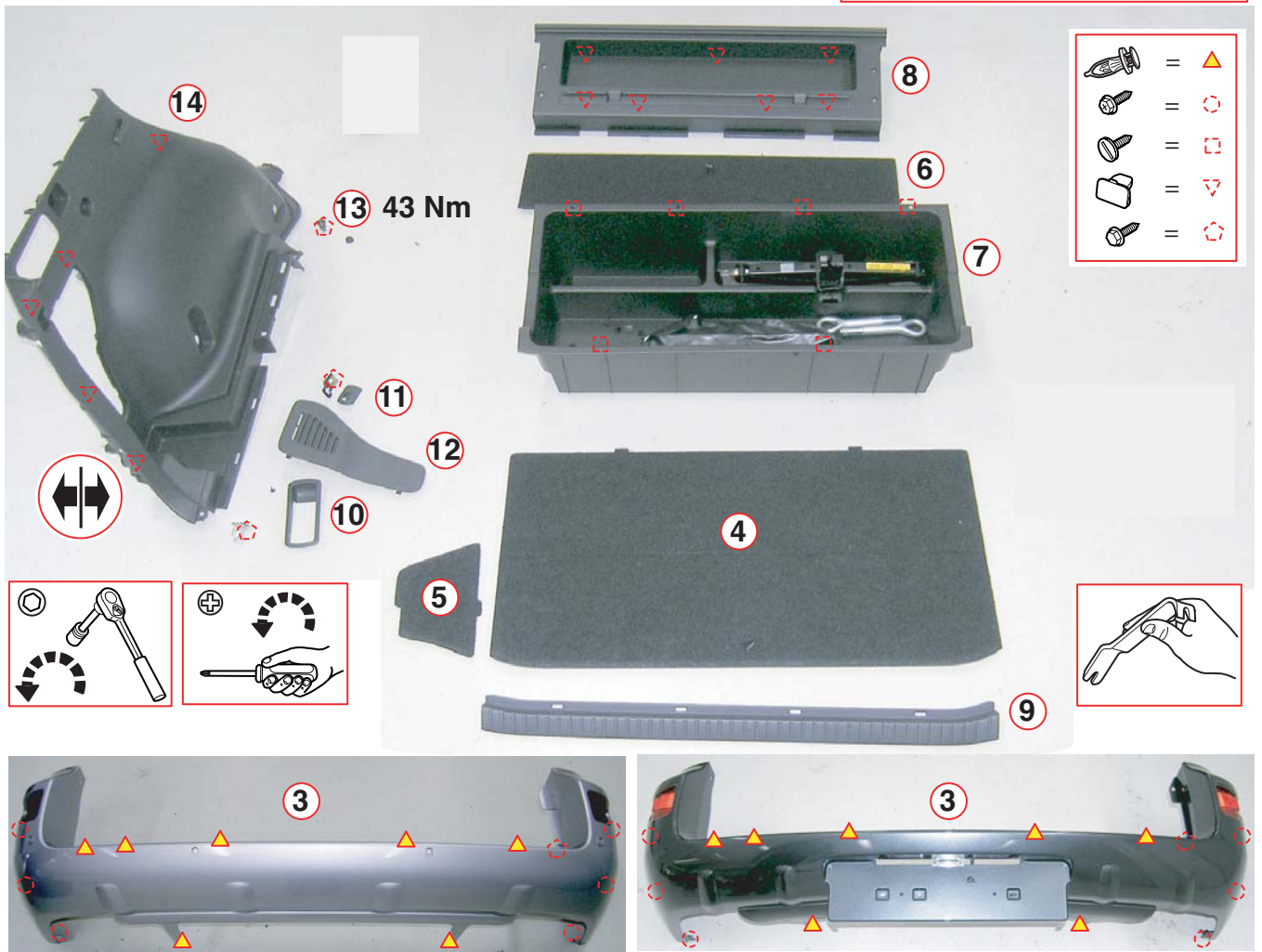
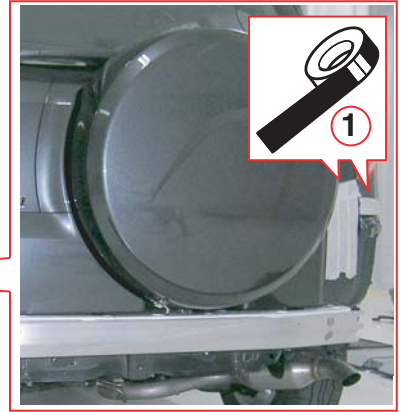
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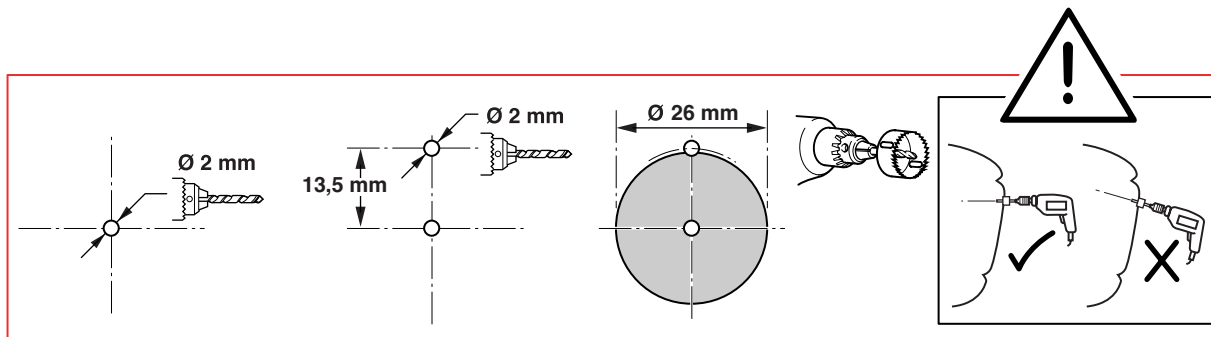
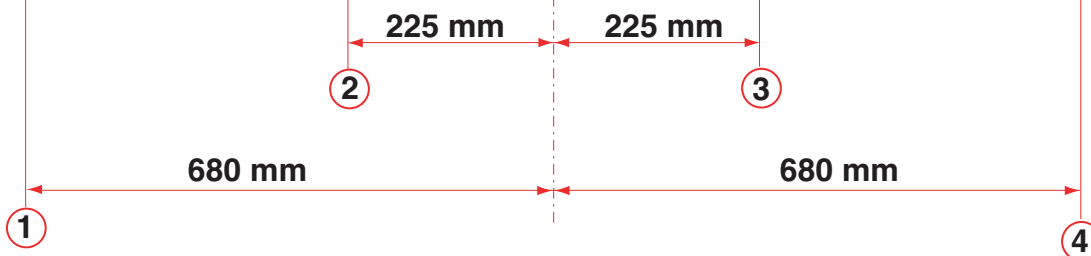
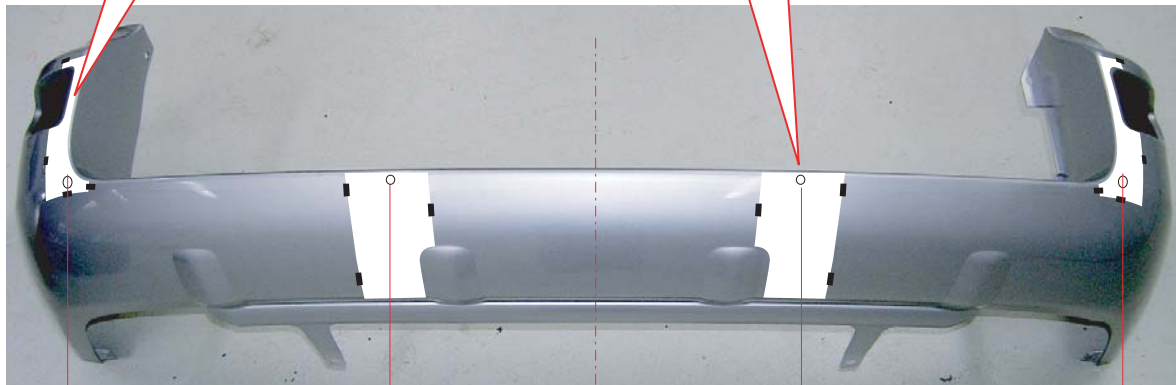
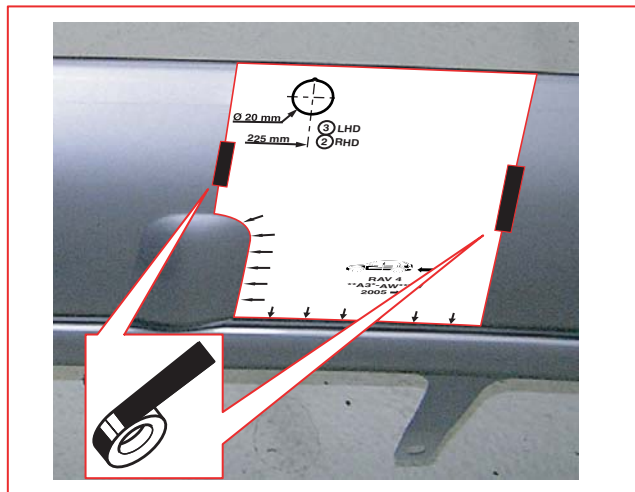
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PZ464-X0427-AB



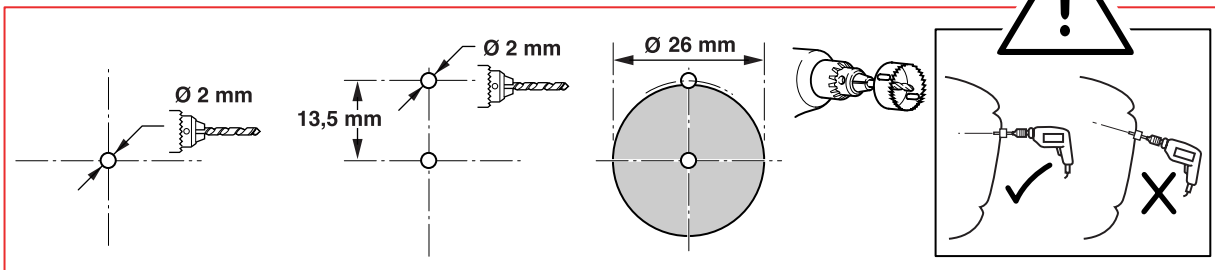
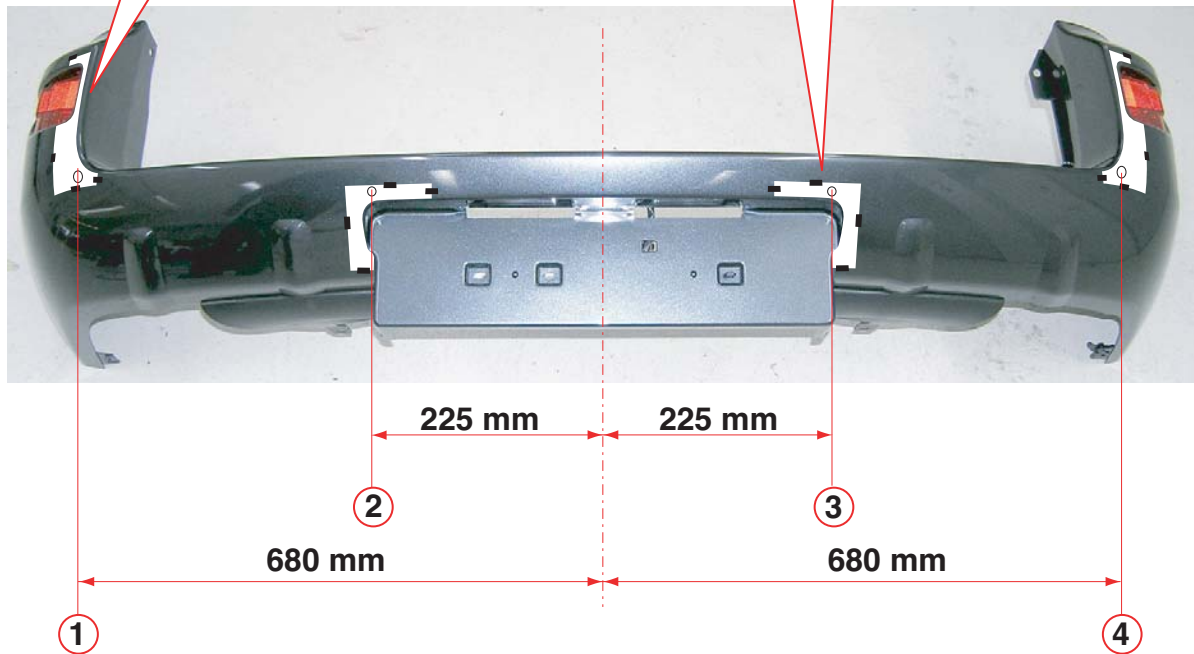
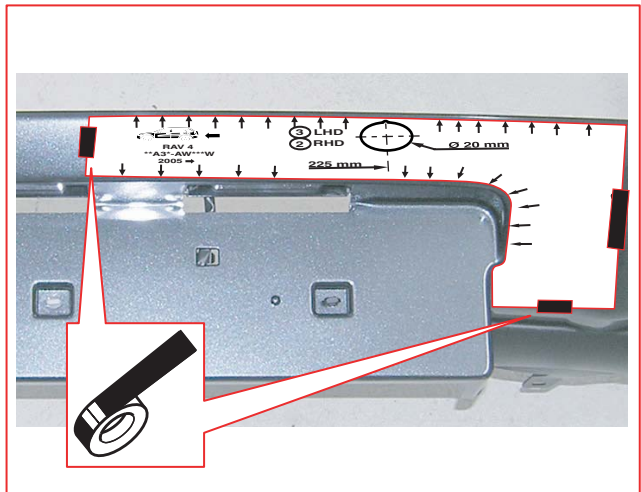
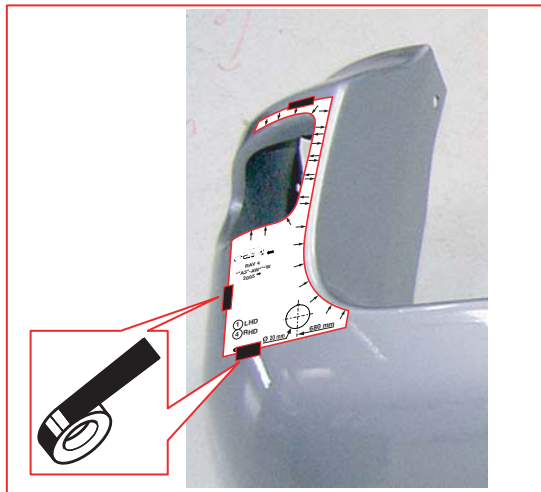
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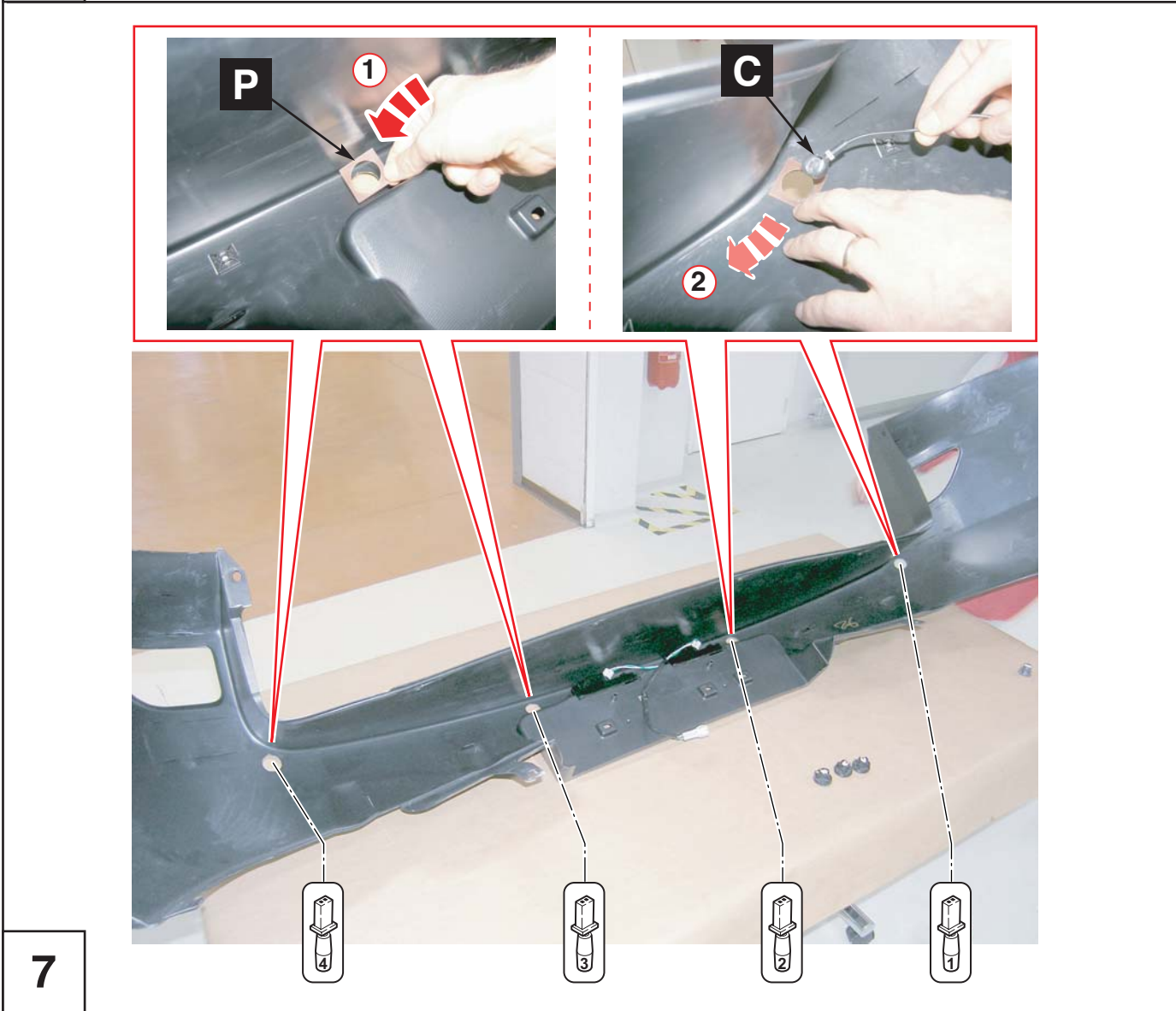
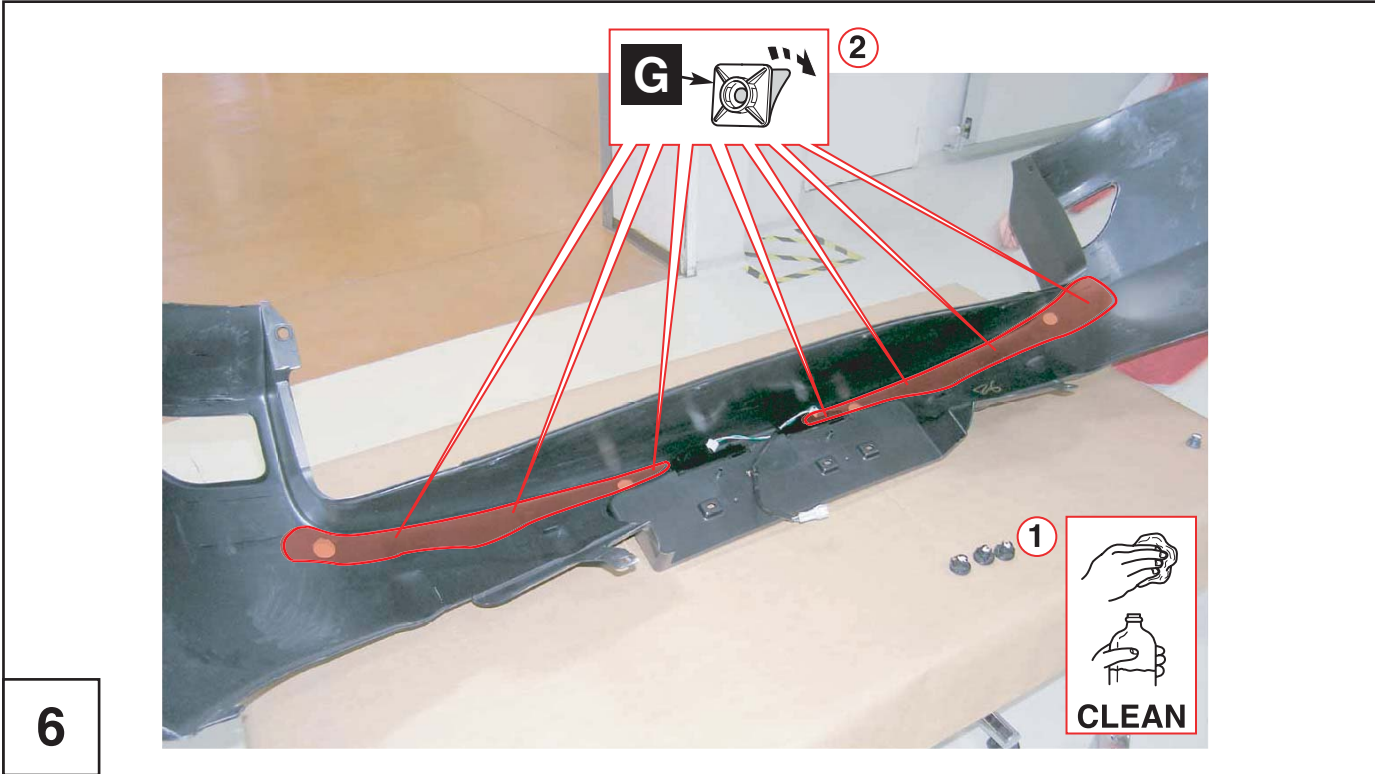


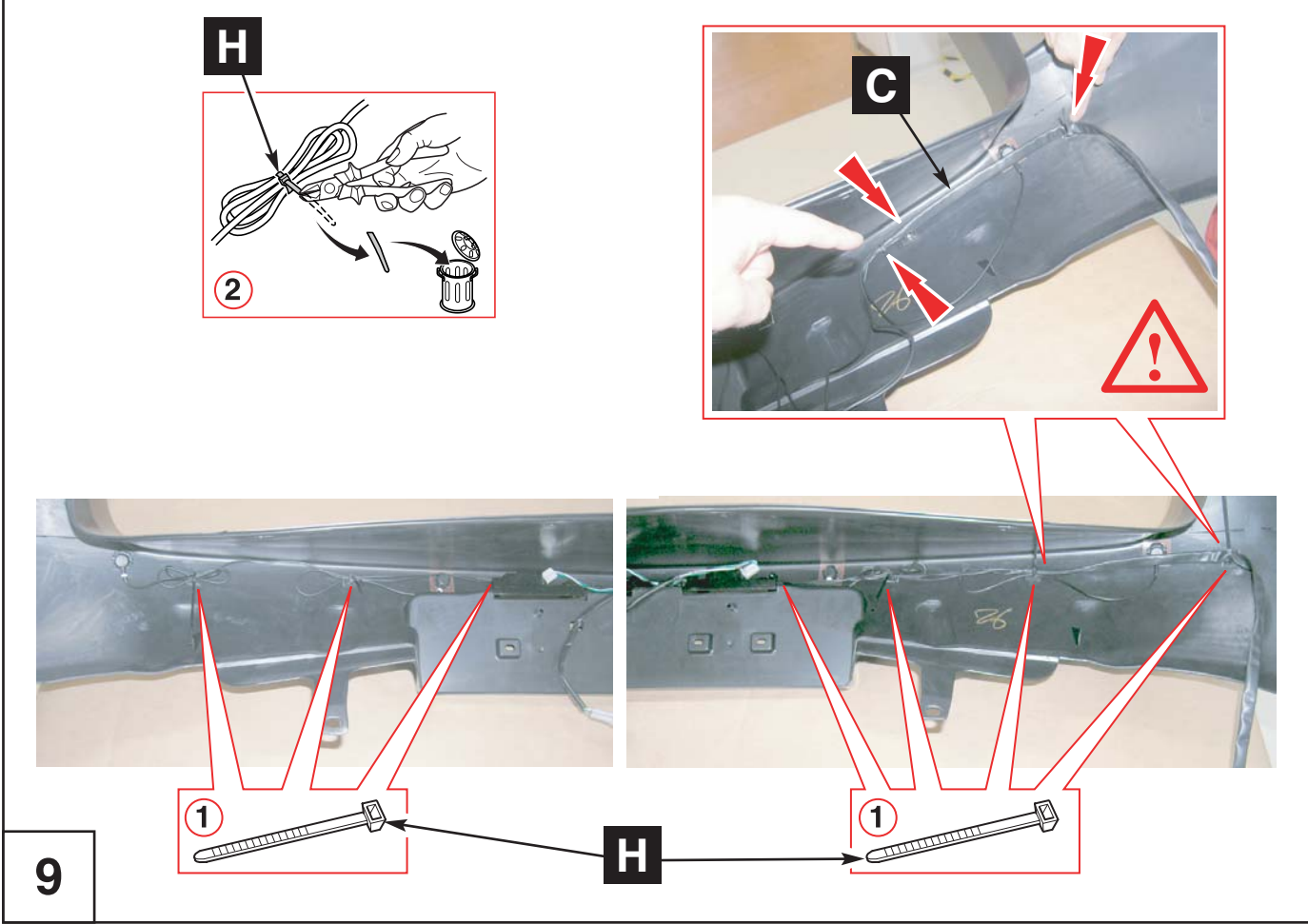
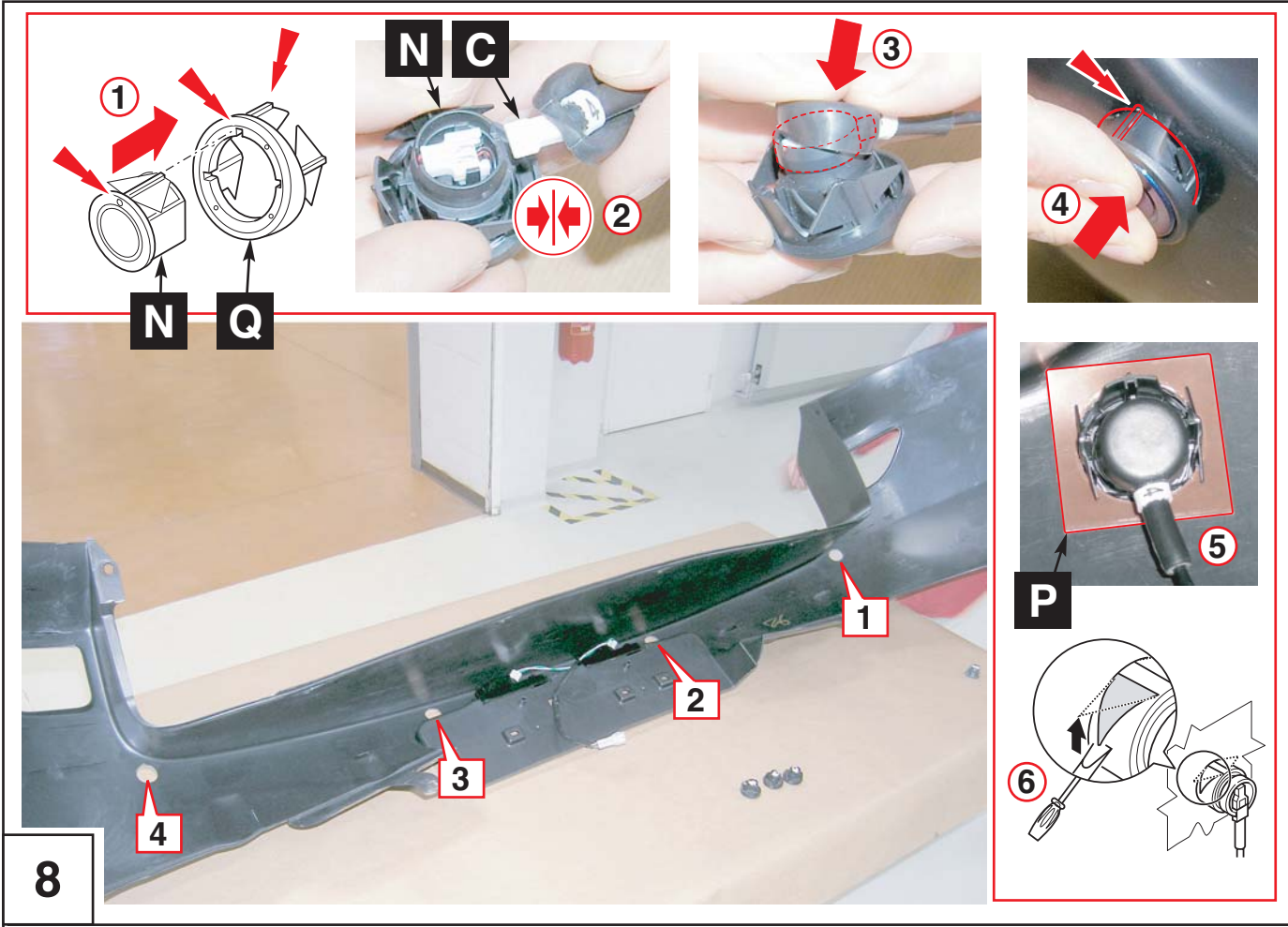


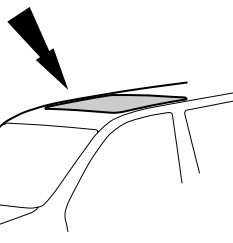
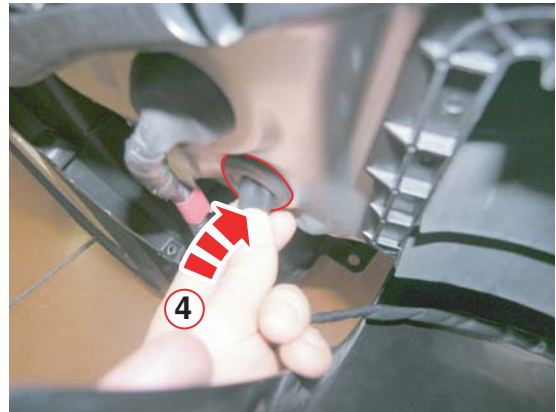
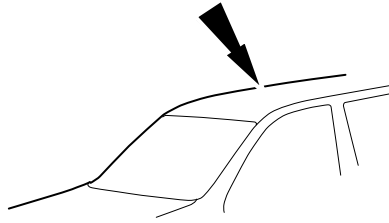
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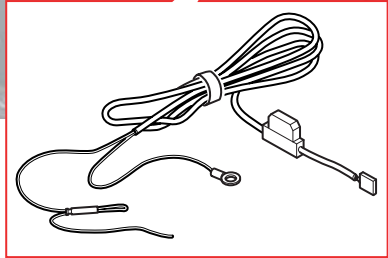
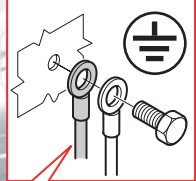
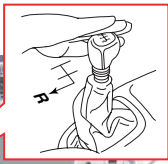
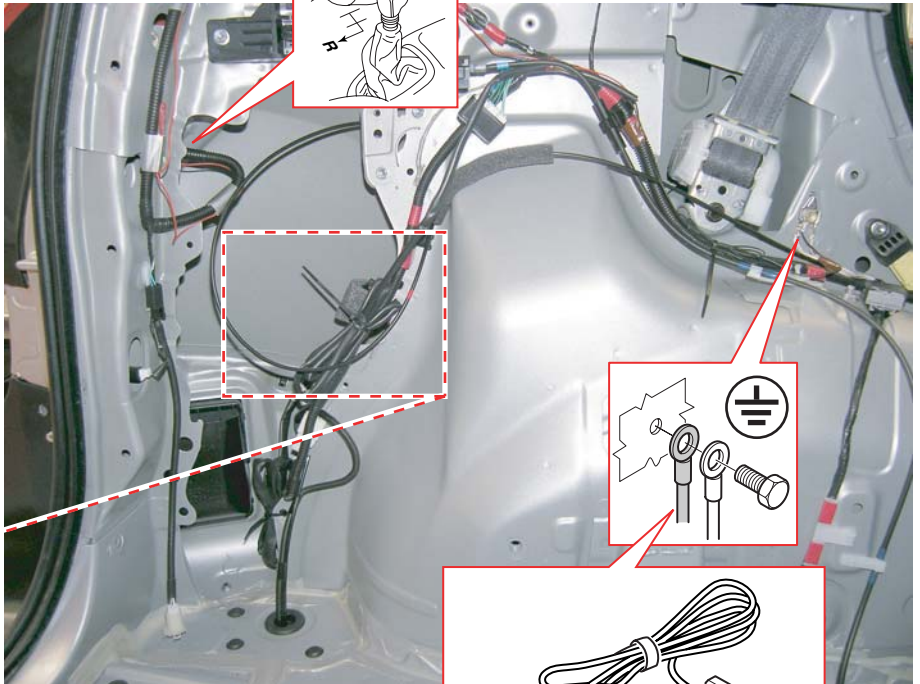
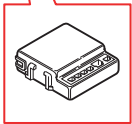
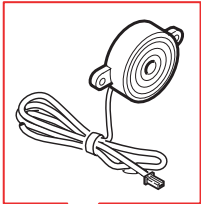



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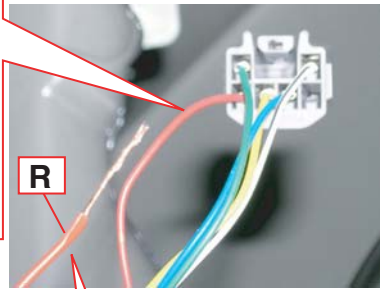
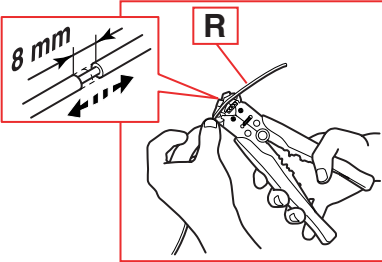
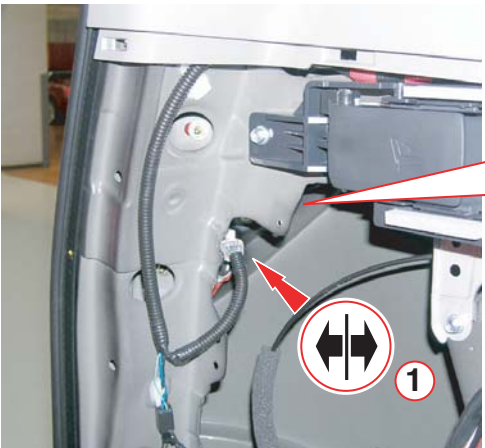
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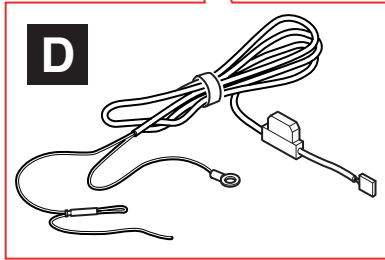
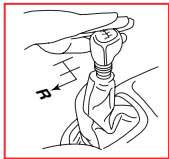


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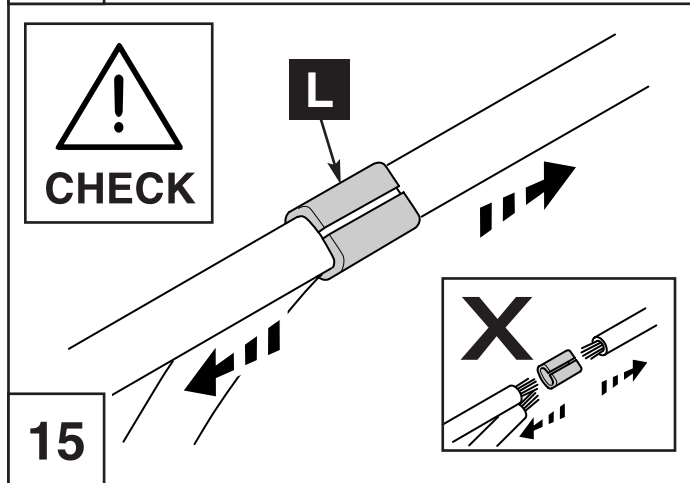
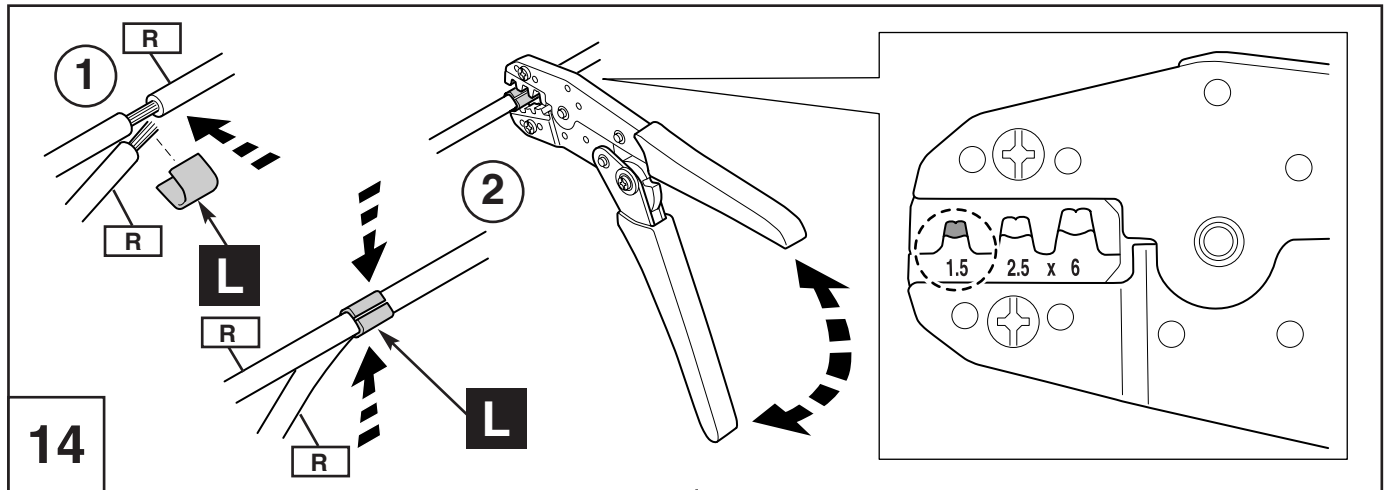
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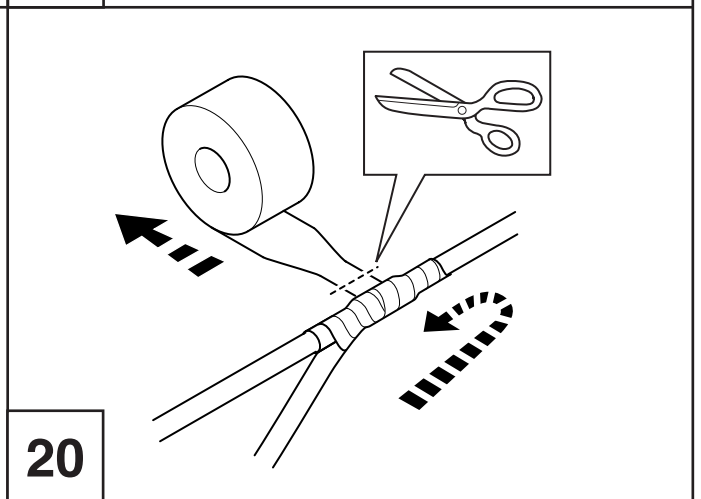
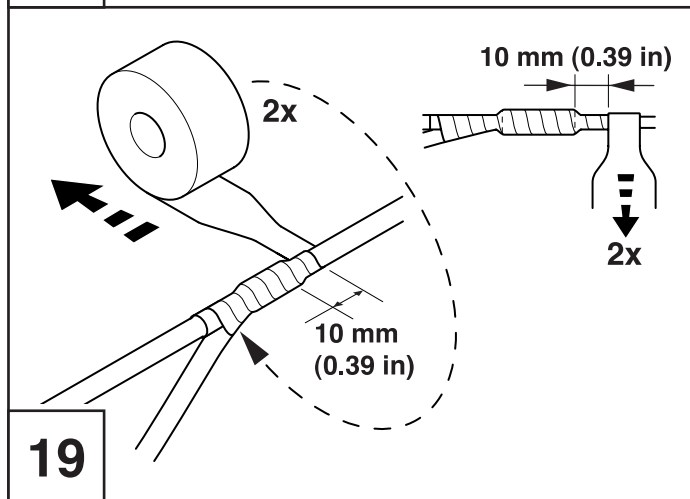
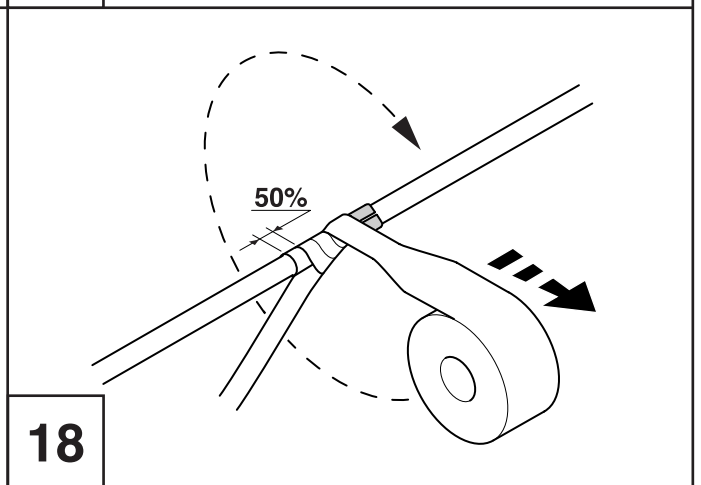
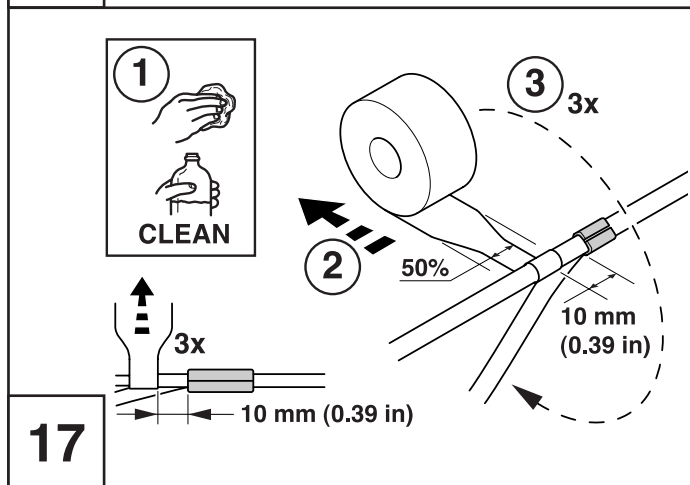


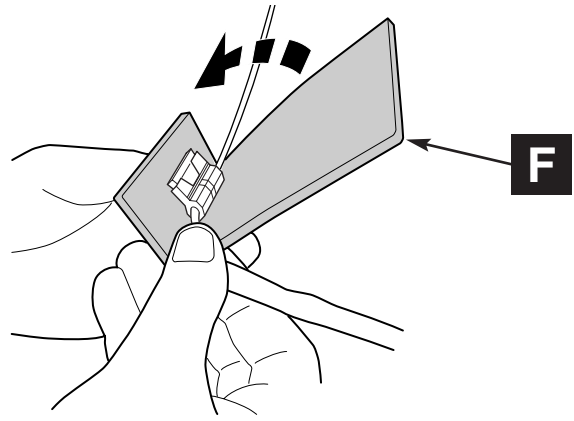
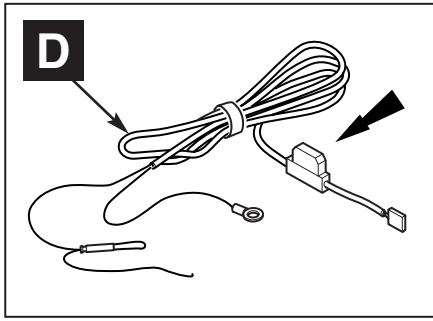
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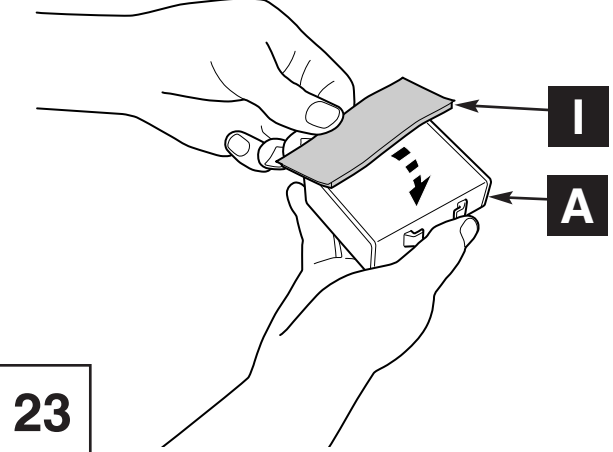
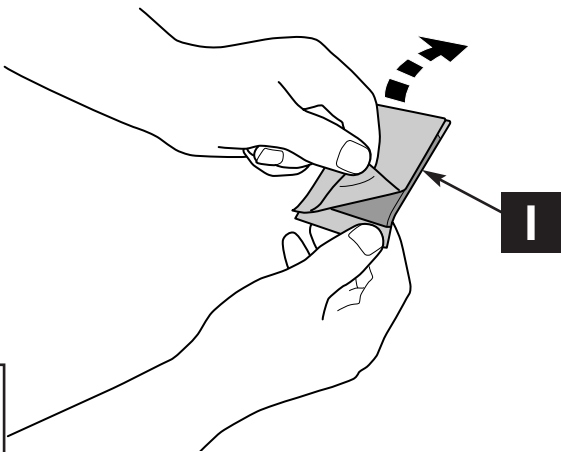
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Ref: Toyota Wire Harness Repair
 Pub No. RM 1022E Page B 30 - 31
 Paragraph 6



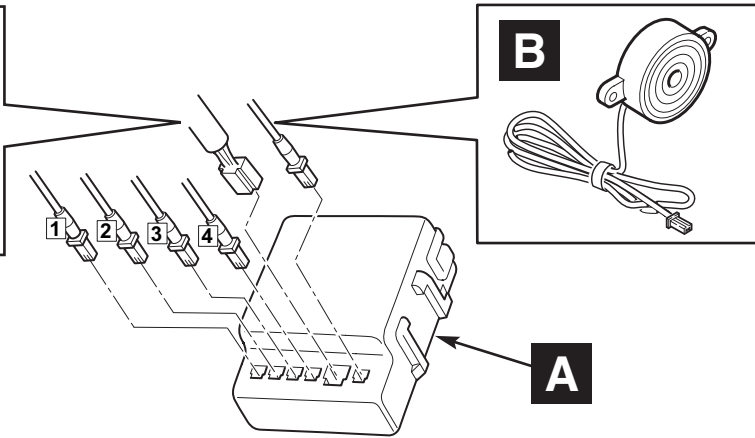
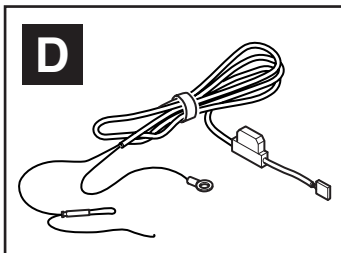


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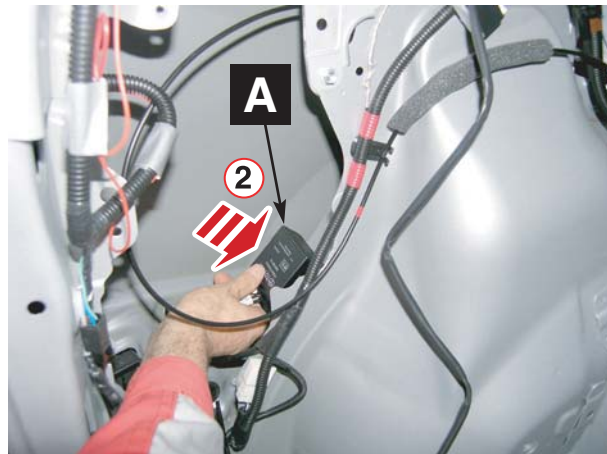


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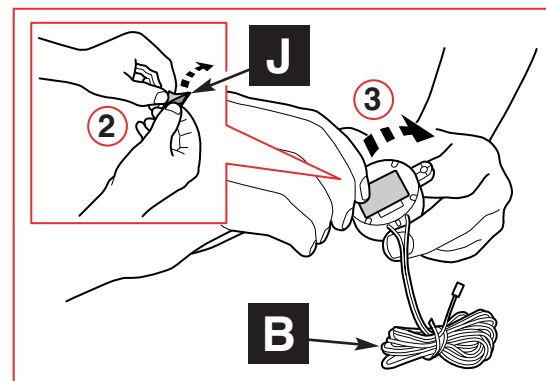
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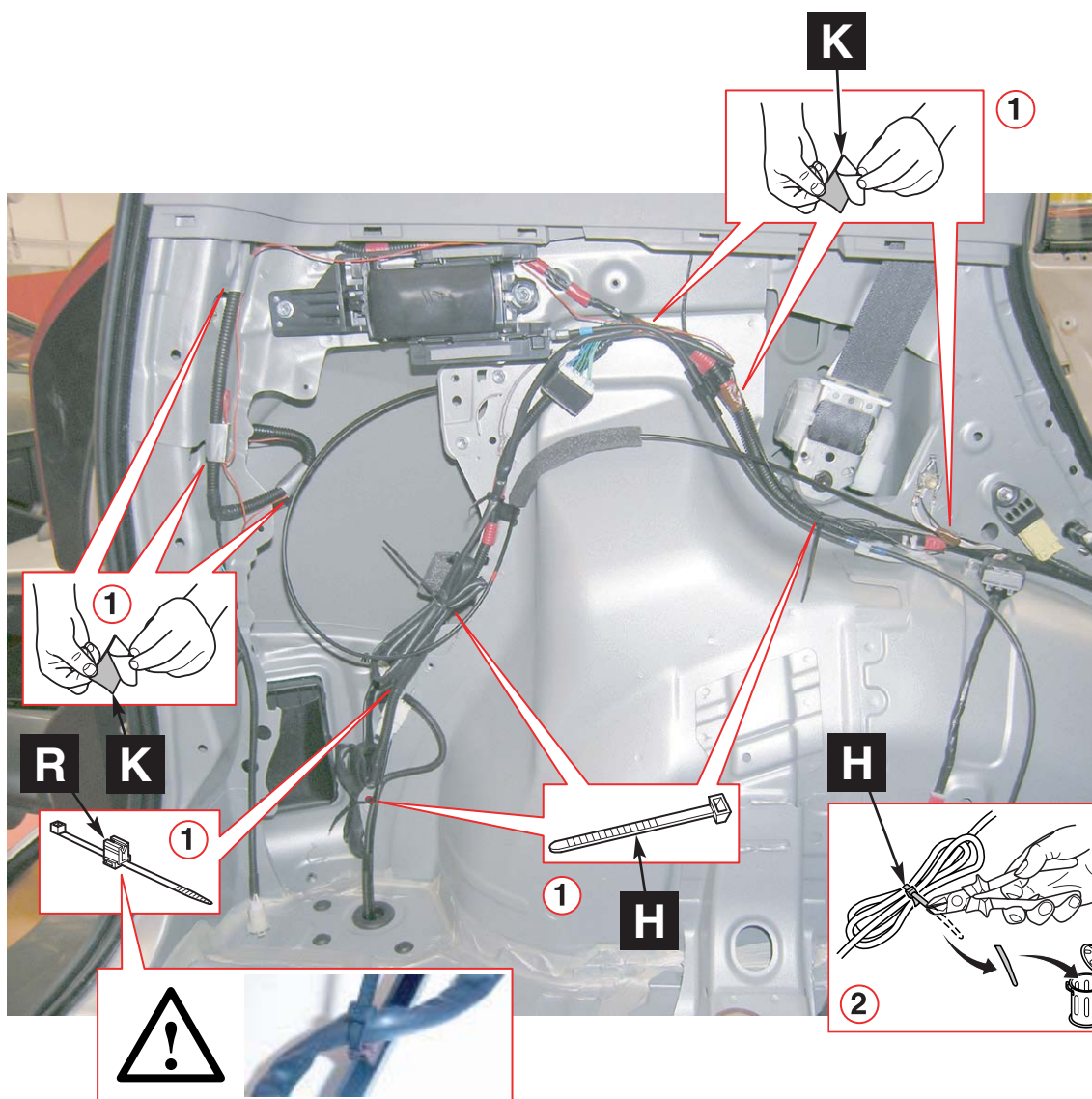
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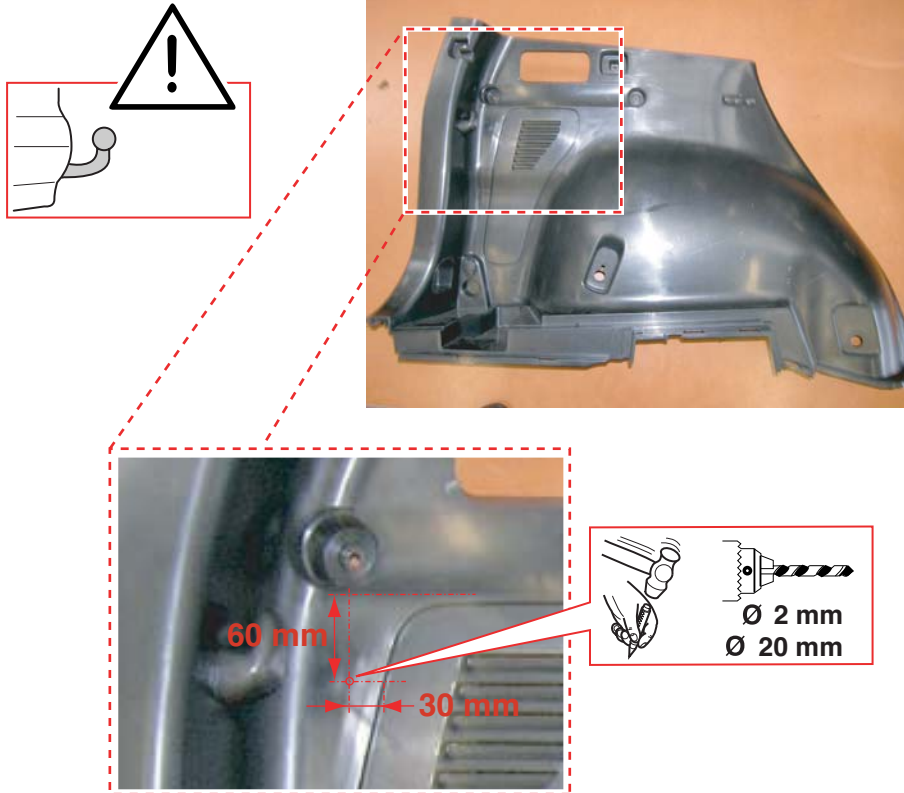


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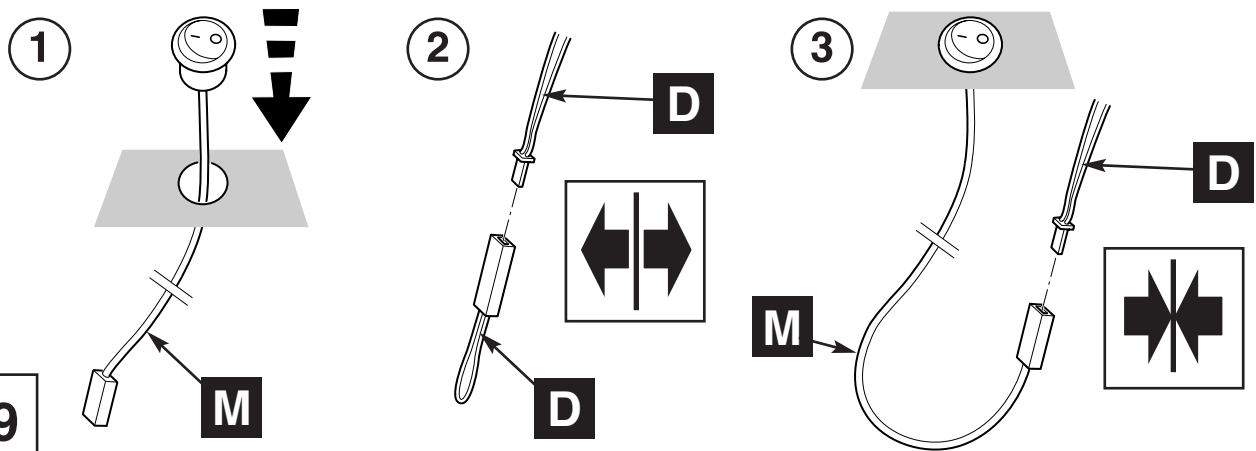


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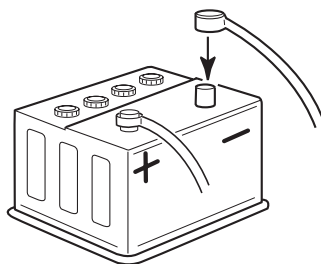
Optional



28



29



30

D

Hinweise zur Lackierung !!!

- 1) **Schleifen:** Schleifen der Teile mit Scotchbrite
- 2) **Reinigung:** Reinigen mit Silikonentferner (z.B. **Toyota Hydro Cleaner PZ469-A0002-50**)
Abwischen des Teiles mit einem Staubbindetuch (z.B. **Fa. BERNER Art. 85910.1**)
- 3) **Decklackierung unter Verwendung von :**
z.B. Toyota Hydro Base coat, ...
- 4) **Klarlackierung unter Verwendung von :**
z.B. Toyota 2K HS Clear PZ469-C0002-50, ...
- 5) **Trocknung:**
- Bei max. 40°C für mind. 1 Std. oder Lagerung bei Raumtemperatur über Nacht (Staubtrocken)
Lagerung für mind. 24 Std. bei Raumtemperatur (vollkommen ausgehärtet)
- 6) **Polieren:**
Sichtbare Staubeinschlüsse mit Schleifblüten (z.B. **Fa. 3M 13444**) herausschleifen.
Das Teil mit Schleifpaste (z.B. **STANDOX**)
Polieren von Hand oder mit einer Poliermaschine
Von Hand mit Glanzpolitur (z.B **STANDOX Lackpolish Siliconfrei**)
Polieren von Hand oder mit Poliermaschine.

ACHTUNG HERSTELLERHINWEISE BEACHTEN !!!

GB

Painting Instruction !!!

- 1) **Sanding:** Sand with Scotchbrite
- 2) **Cleaning:** Clean with silicone remover (e.g **Toyota Hydro Cleaner PZ469-A0002-50**)
Wipe part with dustbonding cloth (e.g. **Fa. BERNER Art. No. 85910.1**)
- 3) **Base coating :**
e.g Toyota Hydro Base coat, ...
- 4) **Clear coating:**
e.g. Toyota 2K HS Clear PZ469-C0002-50, ...
- 5) **Drying:**
- At max 40 °C for at least 1 hour or let it dry overnight at room temperature (dust dry)
Storage at for at least 24 hours at room temperature (thoroughly hardened)
- 6) **Polshing:**
Sand visible dust enclosures with sand paper (e.g. **Fa. 3M 13444**)
Rub part with polish paste (e.g **STANDOX**)
Polish with shinypolish by hand and high polish with a clean polishing cloth
(e.g **STANDOX Paintpolish w/o silicone**)

FOLLOW INSTRUCTIONS OF PAINT SUPPLIER !!!

F

Conseils Pour La Peinture !!!

- 1) **Ponçage:** poncer la pièce avec Scotchbrite
- 2) **Nettoyage:**
Nettoyer avec un dissolvant à silicone (ex. : **Toyota Hydro Cleaner PZ469-A0002-50**)
Essuyer la pièce avec un chiffon antipoussière (ex. **Fa. BERNER Art. 85910.1**)
- 3) **Peinture finale en utilisant:**
ex. : Toyota Hydro Base coat (peinture de base) , ...
- 4) **Vernis Transparent :**
ex.: Toyota 2K HS Clear PZ469-C0002-50, ...
- 5) **Séchage:**
- A max. 40°C min. pendant une heure ou une pose à température ambiante pendant la nuit
(hors poussière) Entreposage de 24 heures minimum à température ambiante (entièrement durci).
- 6) **Polissage:**
Polir des impuretés visibles avec du papier-émeri (ex. **Fa. 3M 13444**).
Enduire la pièce de pâte abrasive
(ex : **STANDOX**)
et polir manuellement ou à la machine.
Polir à la main avec un vernis brillant (**STANDOX Paintpolish w/o silicone**)
Polir manuellement ou à la machine.

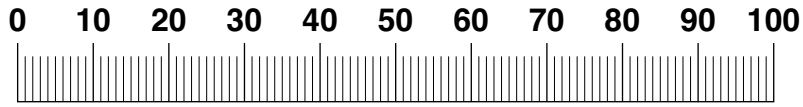
ATTENTION! RESPECTER LES CONSEILS DU FABRICANT !!!

NL

Aanwijzingen voor het lakken !!!

- 1) **Schuren:** Schuren van de onderdelen met Scotchbrite
- 2) **Reiniging:**
Reinigen met siliconenverwijderaar **Toyota Hydro Cleaner PZ469-A0002-50**
schoonvegen van het onderdeel met een stofbindende doek (bijv. **firma BERNER Art. 85910.1**)
- 3) **Deklaag met gebruik van:**
bijv. Toyota Hydro Base coat, ...
- 4) **Klaarlak met gebruik van:**
bijv. Toyota 2K HS Clear PZ469-C0002-50, ...
- 5) **Droging:**
Op max. 40°C gedurende min. 1 uur of opslag bij kamertemperatuur gedurende een nacht
(stofdroog) Opslag gedurende min. 24 uren op kamertemperatuur (volkomen uitgehard)
- 6) **Polijssten:**
Zichtbare stofafzettingen met schuurvellen (bijv. **firma 3M 13444**) uitschuren.
Het onderdeel met schuurpasta (**bijv. STANDOX**)
polijsten met de hand of met een polijstmachine
Met de hand met glansmiddel (**bijv. STANDOX Standohyd Lackpolish Siliconvrij**) polijsten
of met polijstmachine.

OPGELET AANWIJZINGEN VAN DE FABRIKANT IN ACHT NEMEN!!!



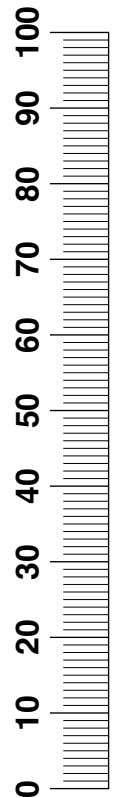
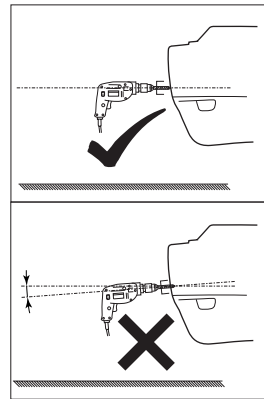
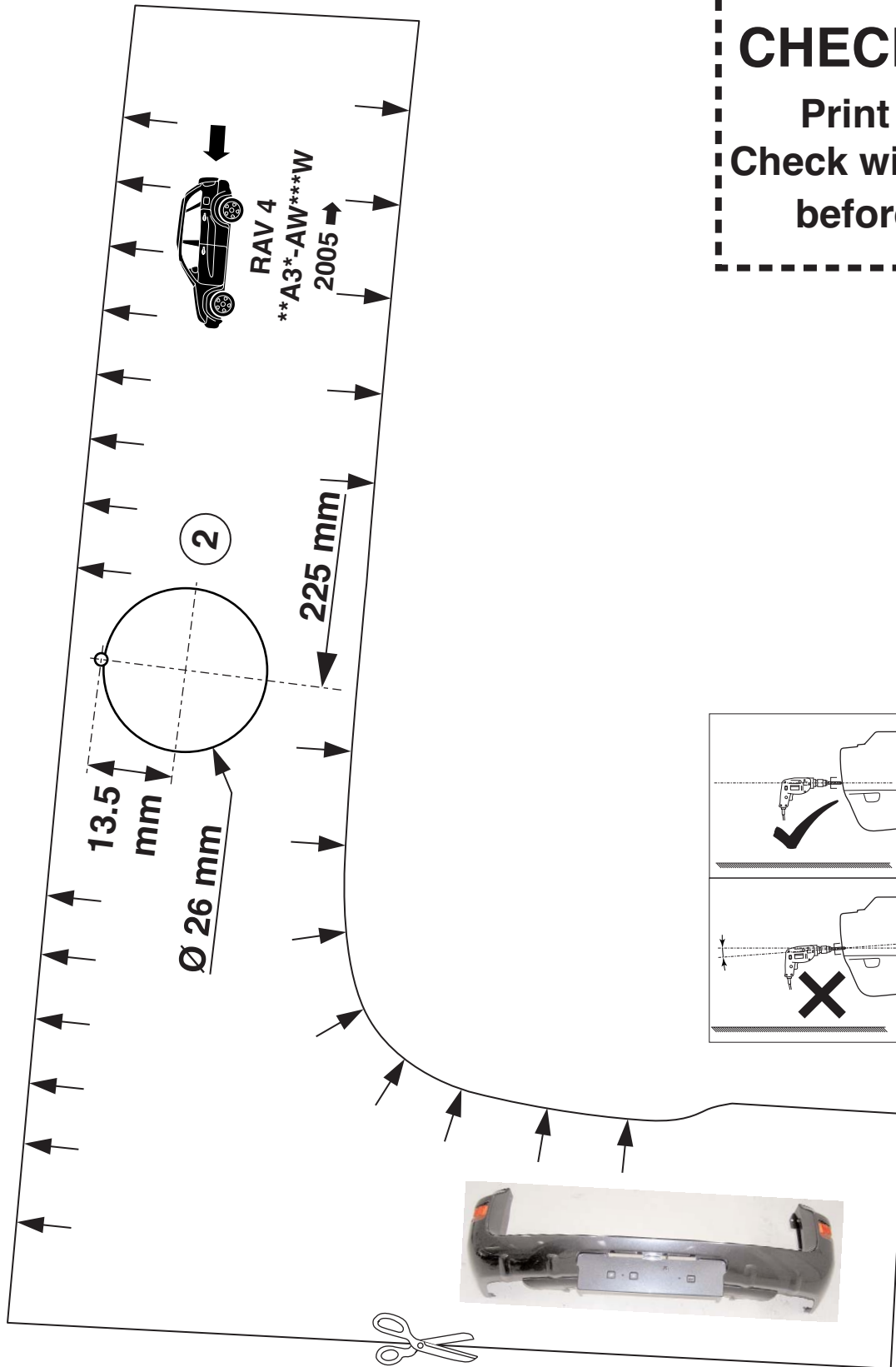


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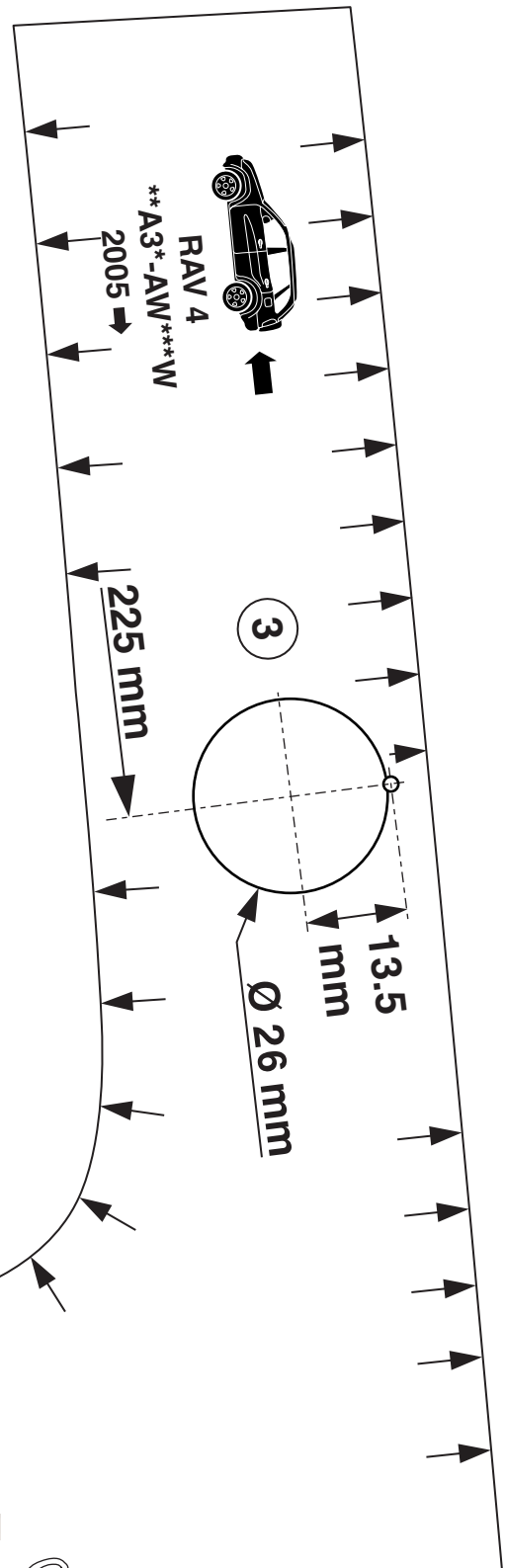
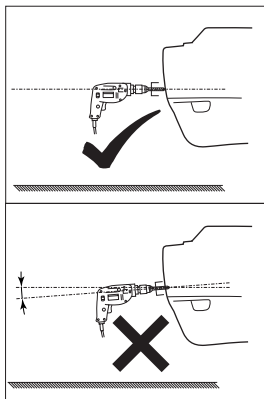
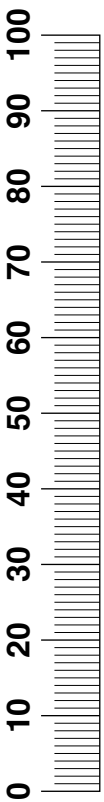
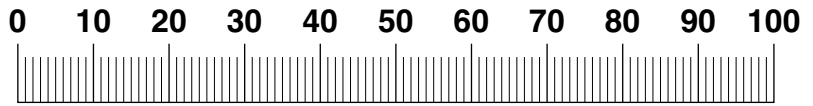
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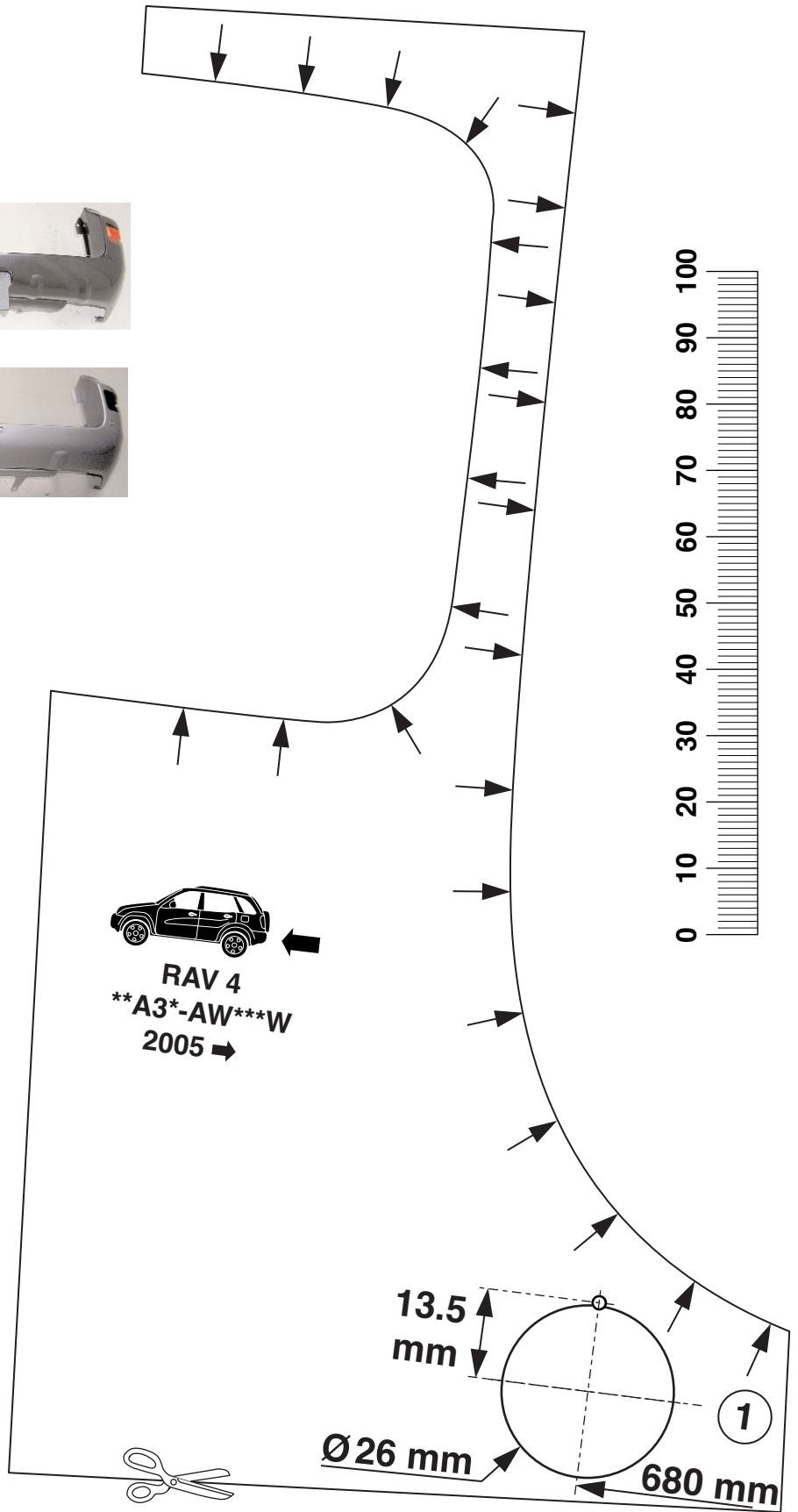
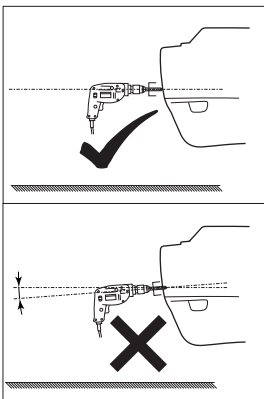
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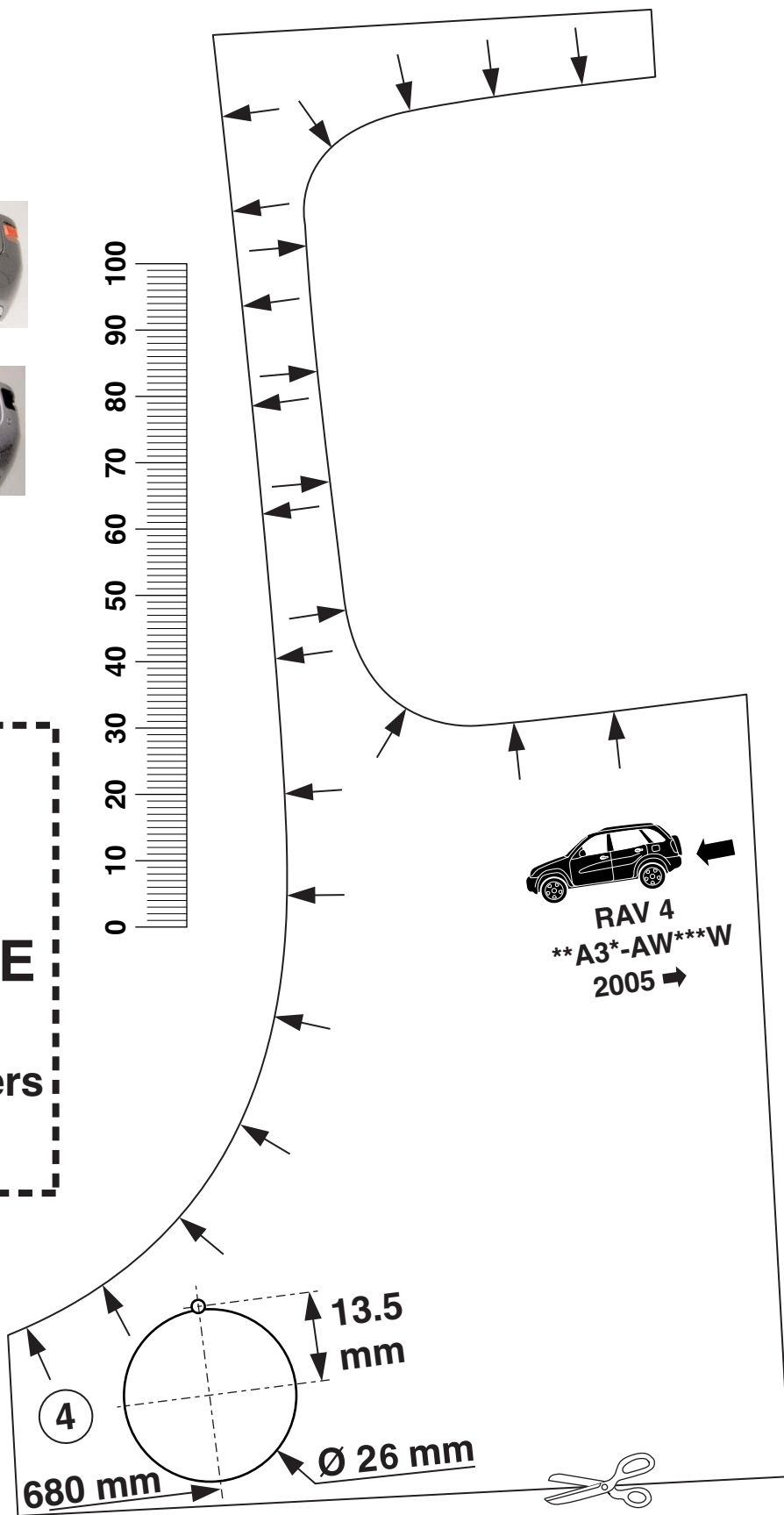
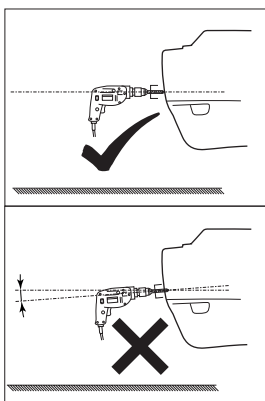


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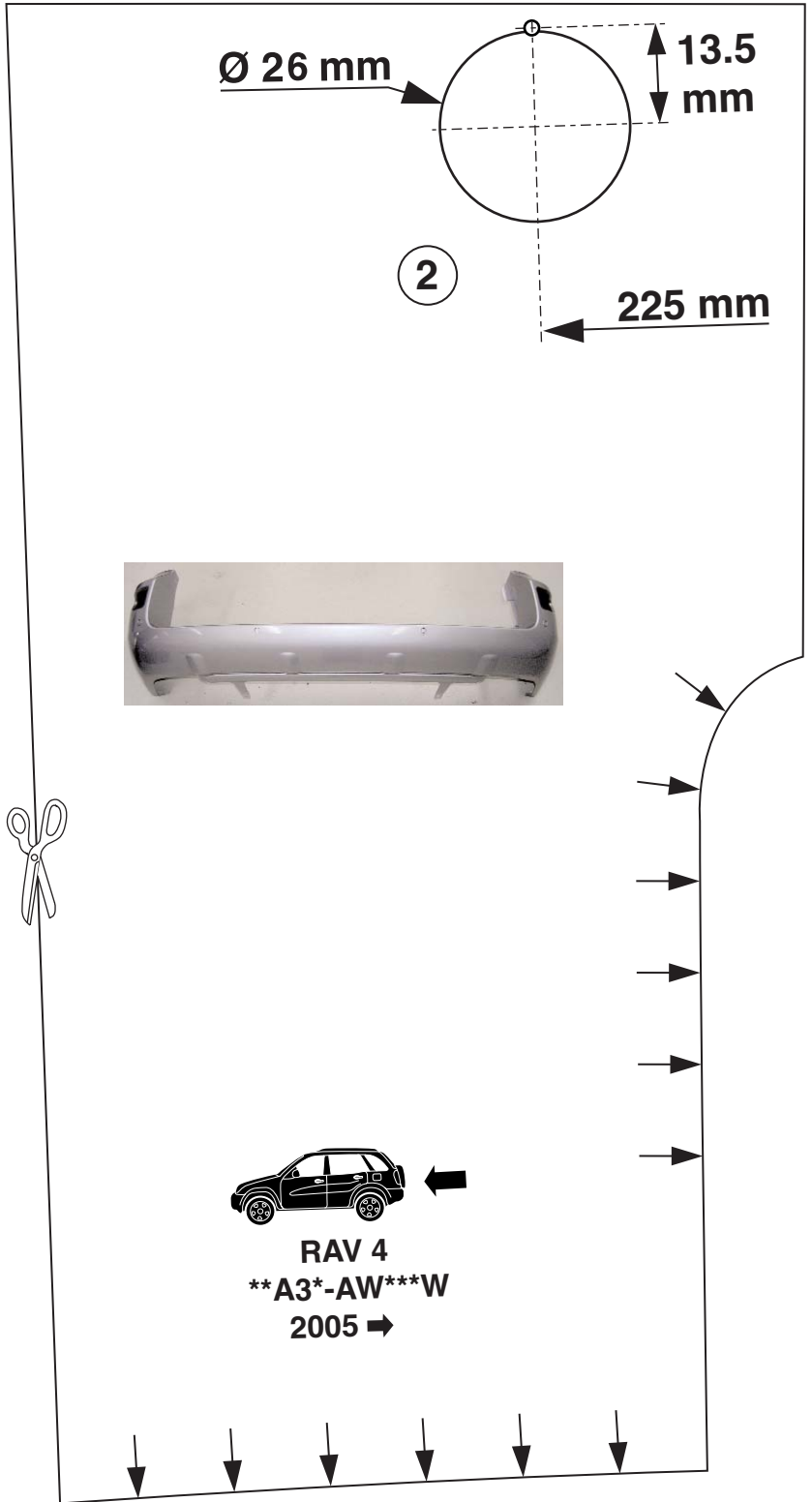
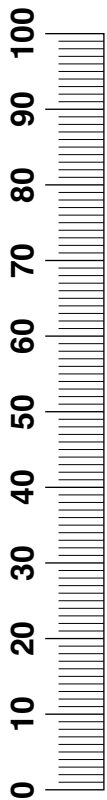
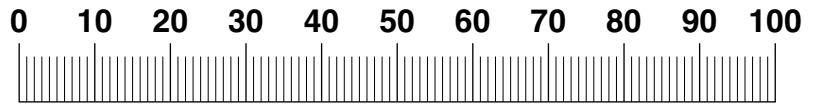
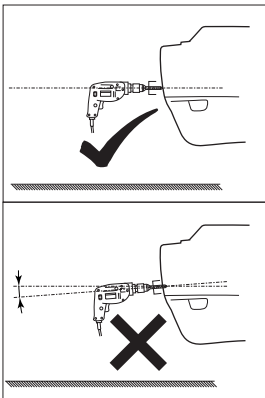

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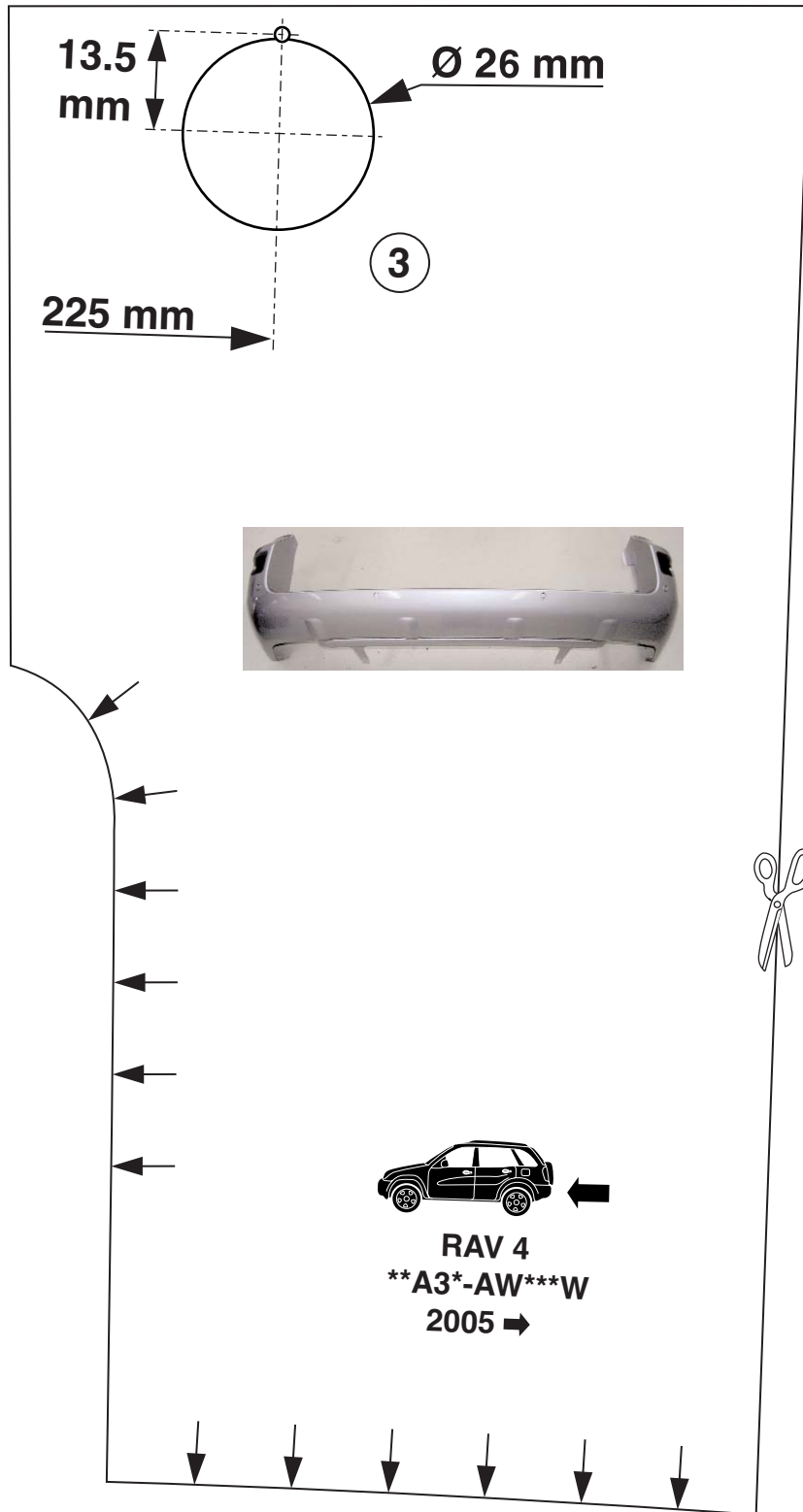
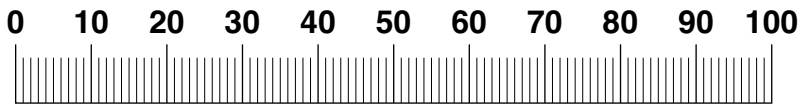




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