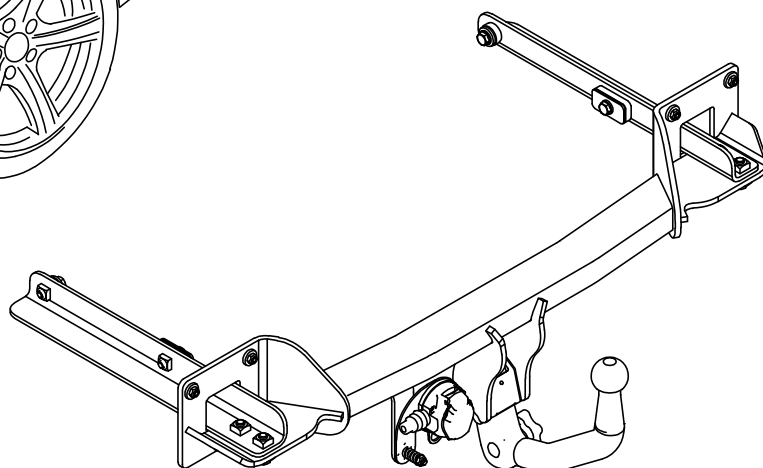
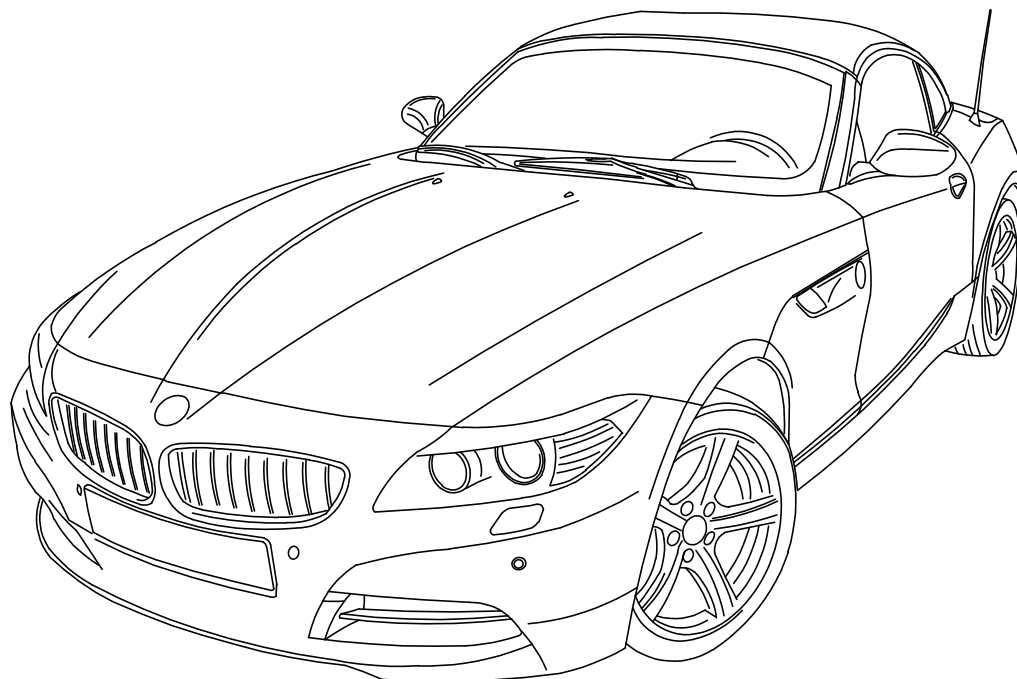




Die Anhängerkupplung.

Anhängerkupplungen  
und Elektrosätze direkt  
vom Hersteller



**MVG: 1543 C**

**BMW Z4 Roadster (Z89) 02/2008→**

**E** Instrucciones de montaje

**D** Einbauanleitung

**GB** Installation instruction

**F** Notice de montage

**NL** Inbouw instructie

**S** Monteringsanvisning

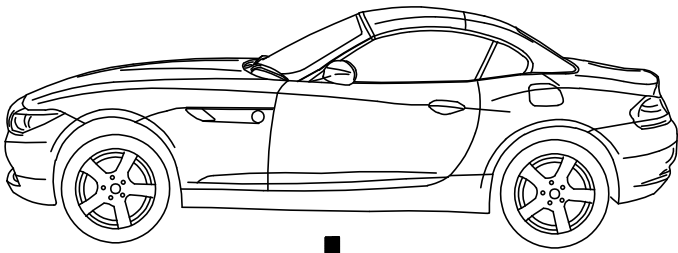
**CZ** Návod k montáži

**I** Istruzioni di montaggio

An der Wasserwiese 1  
D-52249 Eschweiler

[info@mvg-ahk.de](mailto:info@mvg-ahk.de)  
[www.mvg-ahk.de](http://www.mvg-ahk.de)

Tel.: 0049 (0)2403/7902-60  
Fax: 0049 (0)2403/7902-99



↓ ≤ 1855 kg



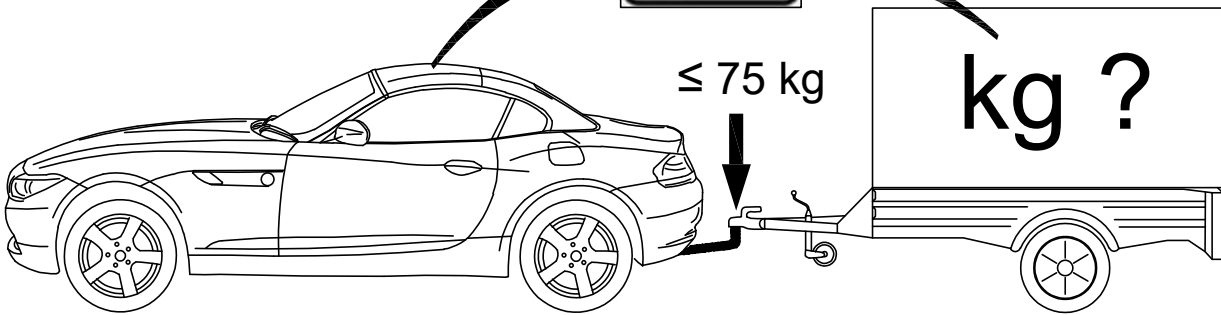
EG

e1\*2001/116\*0499  
e1\*2007/46\*0373

$$D = 7,2 \text{ kN}$$



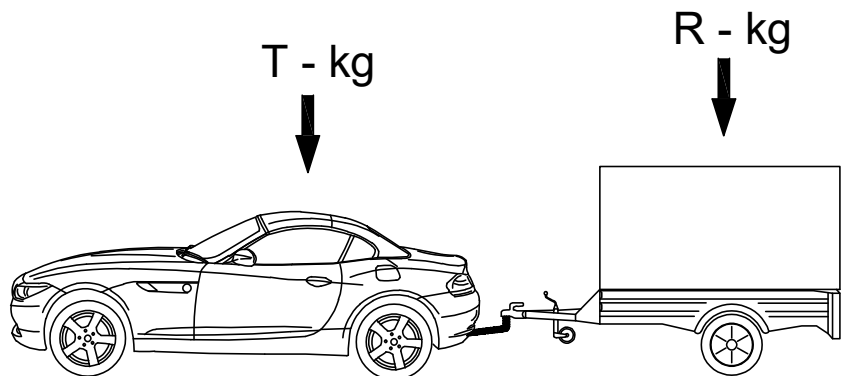
 ≤ 1000 kg gebremst  
 ≤ 400 kg ungebremst



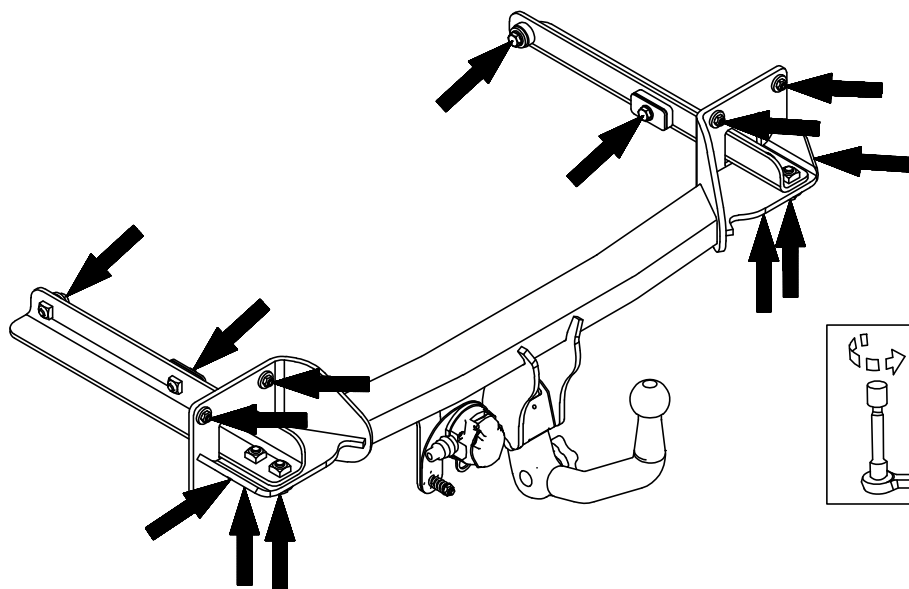
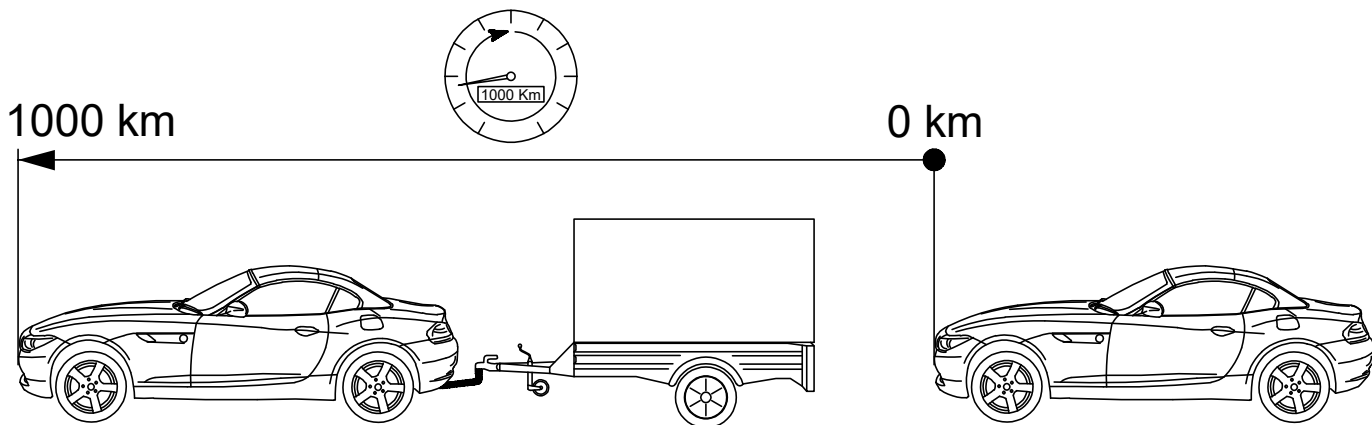
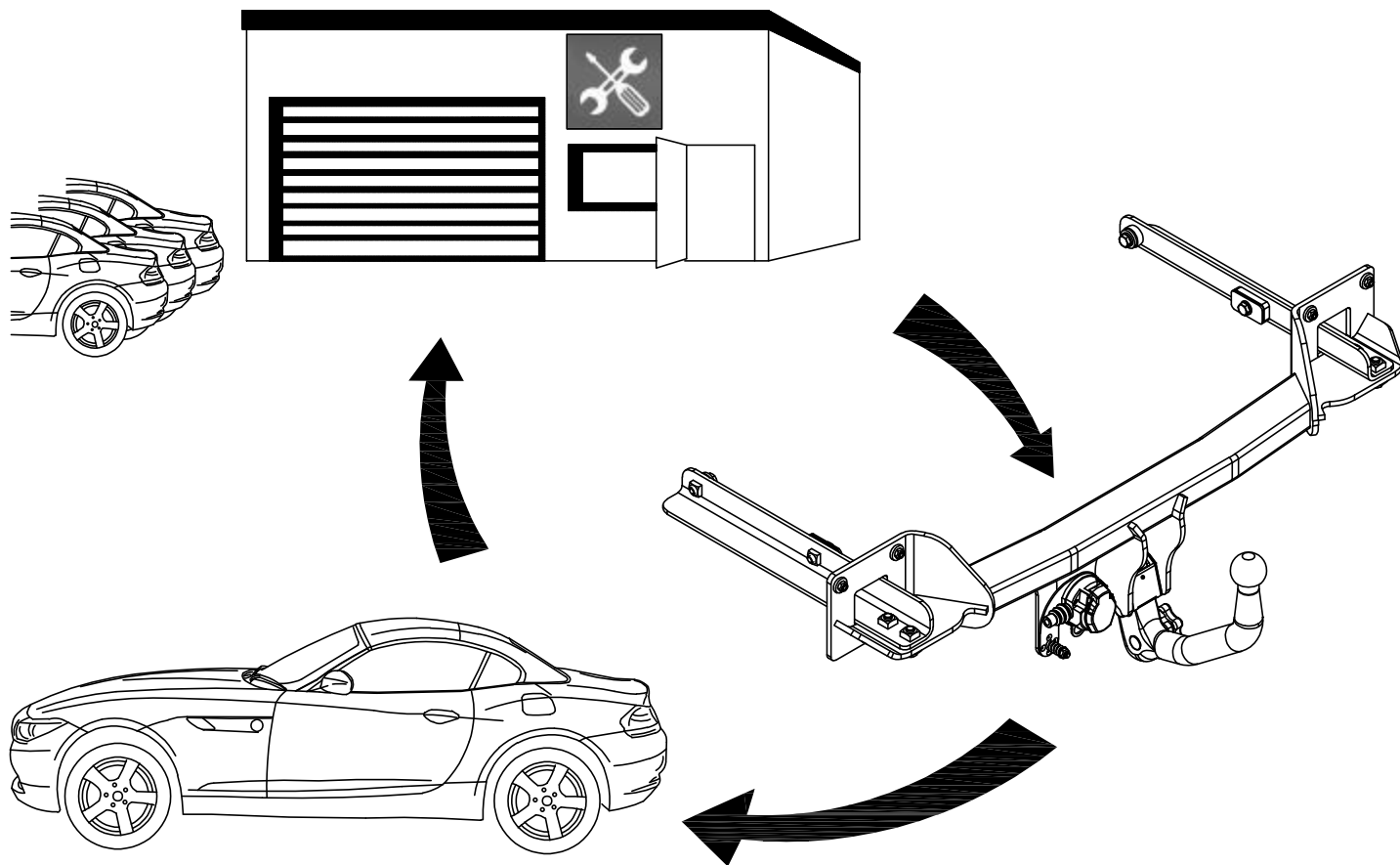
$$D = \frac{T \times R}{1000 \times (T + R)} \times g$$

$$g = 9,81 \text{ m/s}^2$$

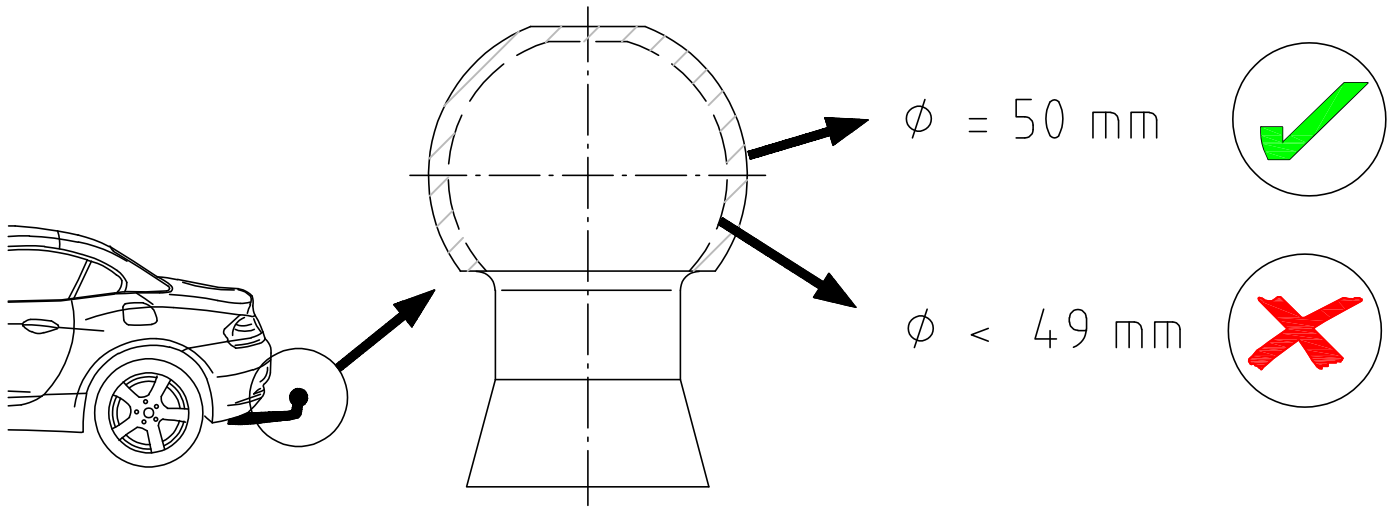
$$T = \frac{R \times D \times 1000}{(g \times R) - (1000 \times D)}$$



$$R = \frac{T \times D \times 1000}{(g \times T) - (1000 \times D)}$$



	M8	25 Nm
	M10	50 Nm
	M12	85 Nm



**MVG**<sup>®</sup> Approval Number  
KBA 91940  
MVG-Metallverarbeitungsgesellschaft mbH

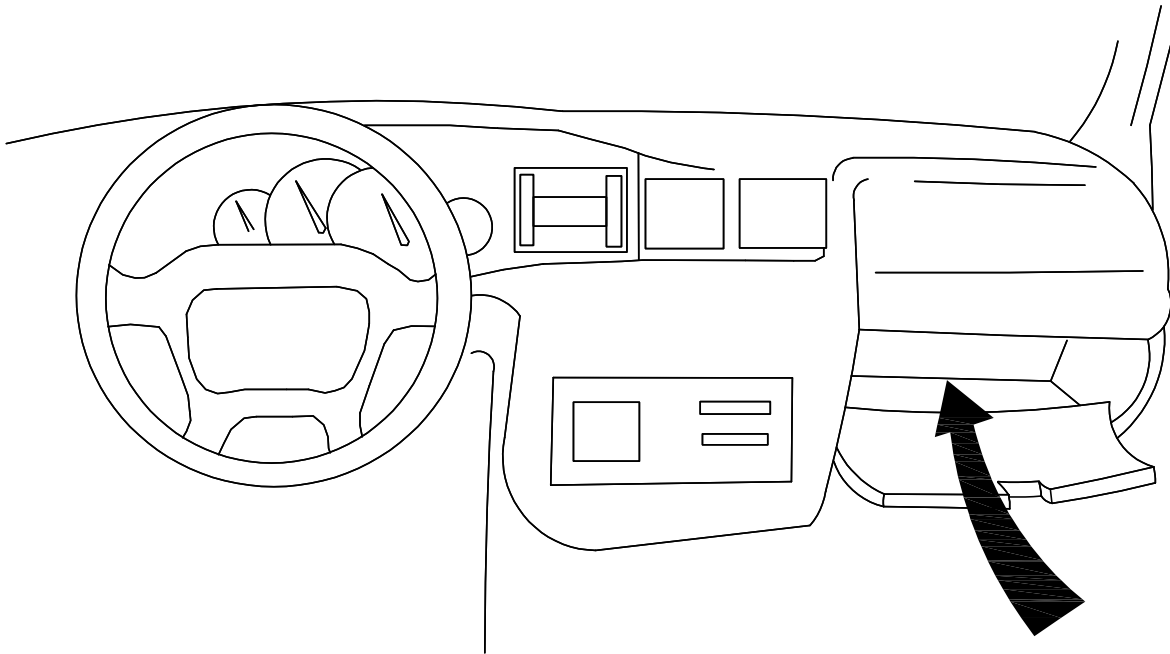
Type: 1543 C D-Value: 7,2 kN  
Class: A50-X S-Value: 75 kg  
Made in Germany [www.mvg-ahk.de](http://www.mvg-ahk.de)

**MVG**<sup>®</sup> Approval Number  
E1 55R-01 1956  
MVG-Metallverarbeitungsgesellschaft mbH

Type: 1543 C D-Value: 7,2 kN  
Class: A50-X S-Value: 75 kg  
Made in Germany [www.mvg-ahk.de](http://www.mvg-ahk.de)

Zulässige Stützlast  
maximal 75 kg

**MVG**<sup>®</sup>  
MVG-Metallverarbeitungsgesellschaft mbH  
[www.mvg-ahk.de](http://www.mvg-ahk.de)



Technische Änderungen vorbehalten

**MVG**<sup>®</sup>

MVG: 1543 C  
BMW Z4 Roadster (Z89) 02/2008-  
Instrucciones de montaje: Inbauanleitung  
Einbauanleitung  
Installation instruction  
Notice de montage: Notice de montage

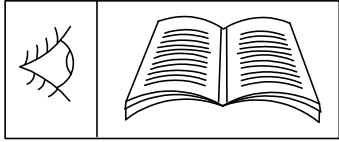
Pl. der Maschinen: 012248 E-Scheide  
Pl. der Maschinen: 012248 E-Scheide

**MVG**<sup>®</sup>

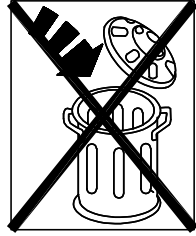
System 2040A

Pl. der Maschinen: 012248 E-Scheide  
Pl. der Maschinen: 012248 E-Scheide

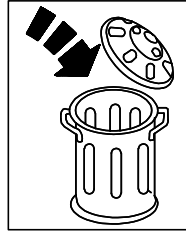
Pl. der Maschinen: 012248 E-Scheide  
Pl. der Maschinen: 012248 E-Scheide



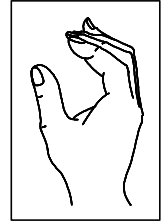
siehe Werkstatthandbuch



Nicht Entsorgen



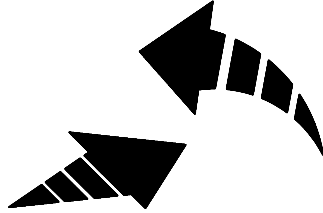
Entsorgen



Von Hand



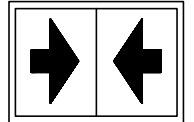
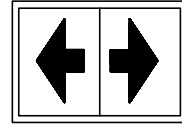
Achtung



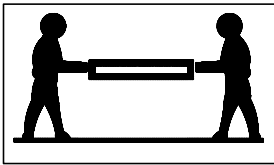
Bewegungspfeil



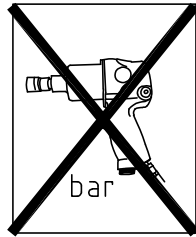
Positionspfeil



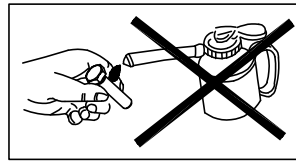
Stecker lösen/ verbinden



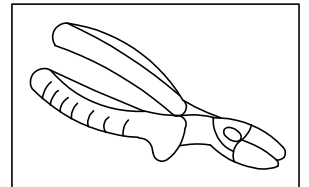
Nur zu zweit ausführen



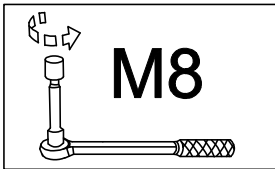
Ohne Druckluft



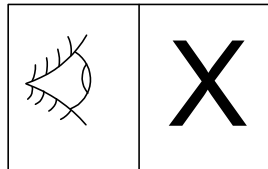
Nicht ölen



Seitenschneider verwenden



Festdrehen

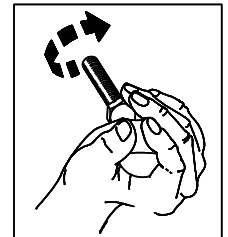


Siehe Abbildung

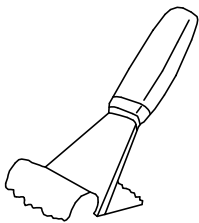


**CLEANER**

Reinigen



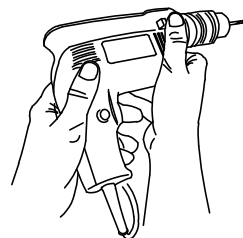
Von Hand festdrehen



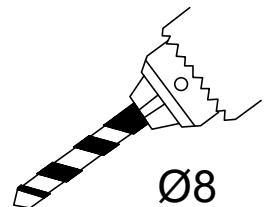
Unterbodenschutz entfernen



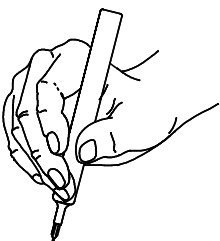
Gegen Korrosion schützen



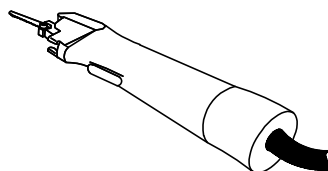
Bohrer verwenden



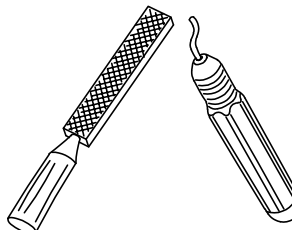
Bohrer Ø X wählen



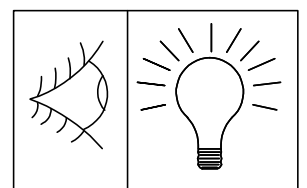
Anzeichnen




































Schneiden



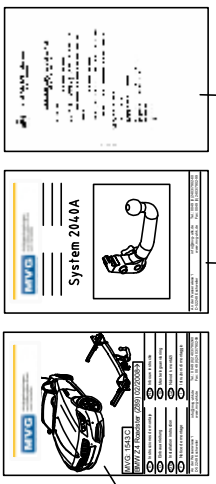
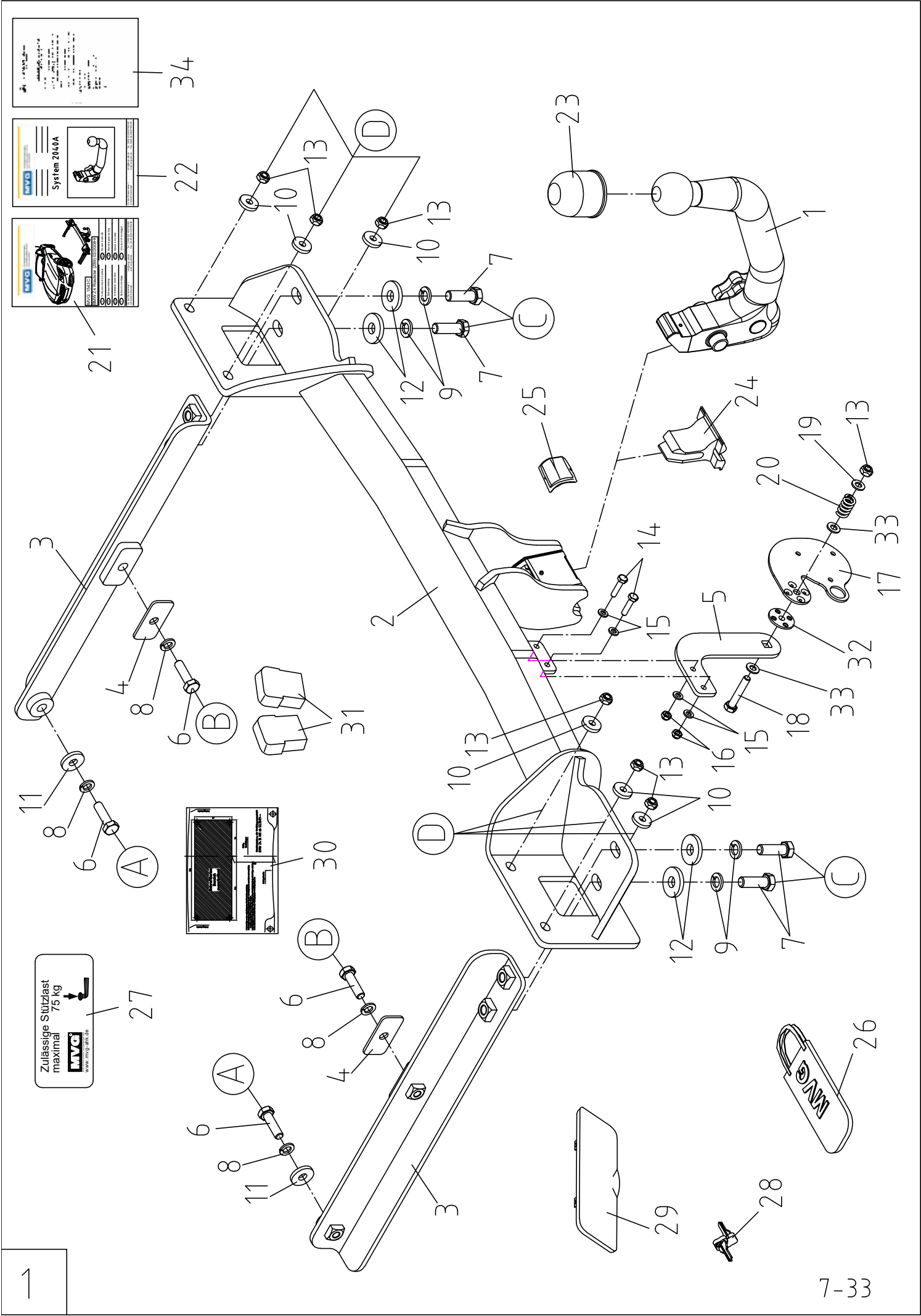
Feilen/ Entgraten



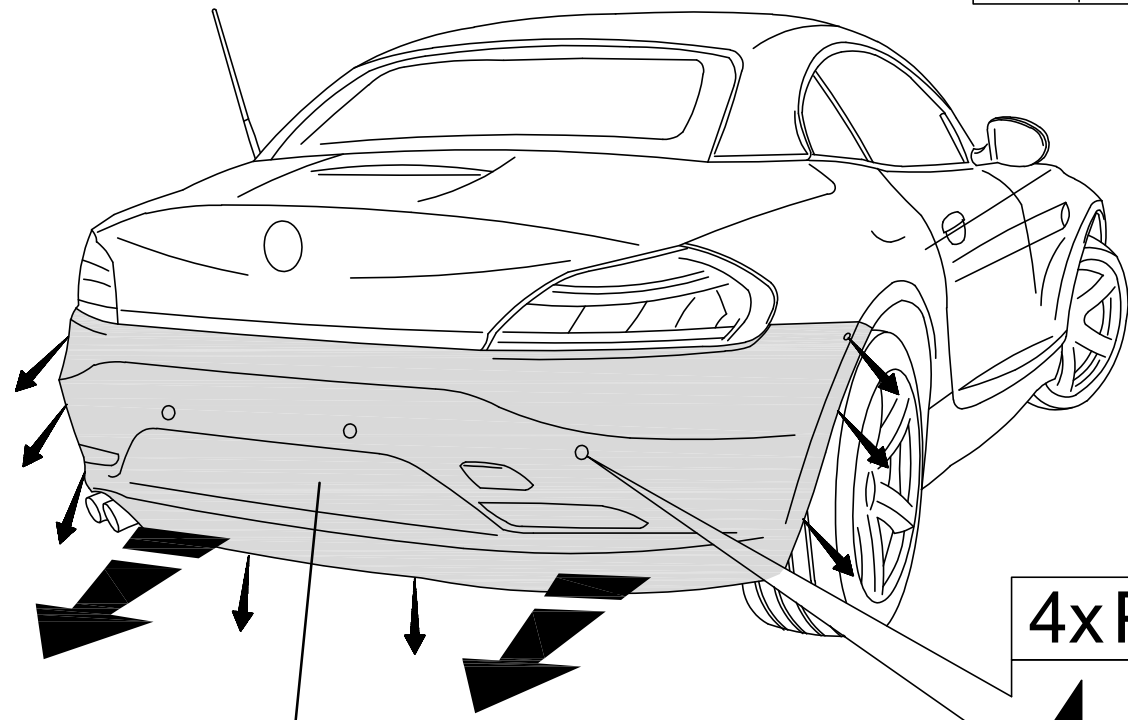
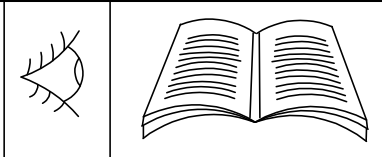
Licht kontrollieren

1	1x		2040 A 039	26	1x		
2	1x		1543 C	27	1x		75kg
3	je1			28	2x		
4	2x			29	1x		
5	1x			30	1x		1543 A/C
6	4x		M10x35 (8.8) DIN 933	31	2x		
7	4x		M12x35 (8.8) DIN 933	32	1x		
8	4x		B10 (Fst.) DIN 127	33	2x		φ 8,4/16x1.6 PA6.6 ISO 7089
9	4x		B12 (Fst.) DIN 127	34	1x		ABE - KBA 91940 ECE - E1 55R01 1956
10	6x		φ 8,4/23x4 DIN 6340				
11	2x		φ 10,5/28x4 DIN 6340				
12	4x		φ 13/35x5 DIN 6340				
13	7x		M8 (8) DIN980V				
14	2x		M6x25 (8.8) DIN 933				
15	4x		φ 6,4/12x1,6 DIN 125				
16	2x		M6 (8) DIN980V				
17	1x						
18	1x		M8x45 (8.8) DIN 933				
19	1x		φ 8,4/16x1,6 DIN 125				
20	1x						
21	1x		1543 C				
22	1x		2040 A				
23	1x						
24	1x						
25	1x						

- 
- (E) Volumen de suministro del enganche
- 
- (D) Lieferumfang der Anhängervorrichtung
- 
- (GB) Scope of delivery of towing hitch
- 
- (F) Pièces comprises dans la fourniture de l'attelage
- 
- (NL) Leveringsomvang trekhaak
- 
- (S) Dragkrokens leveransspecifikation
- 
- (CZ) Objem dodání tažného zařízení
- 
- (I) Dotazione del gancio di traino
-



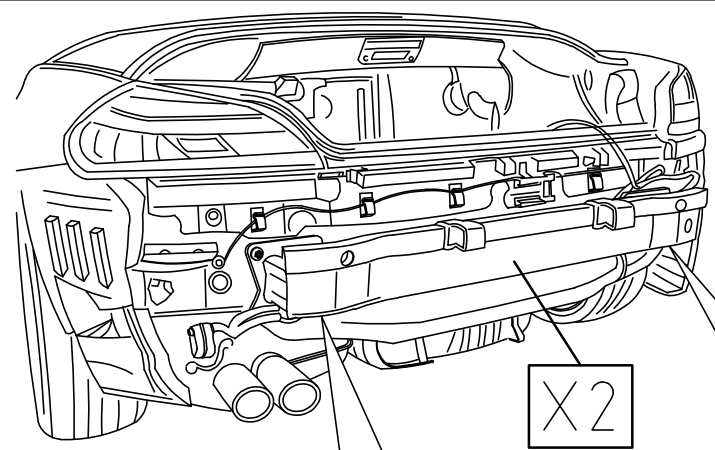
Zulässige Stützlast  
maximal  
75 kg  
www.mvg-roboter.de



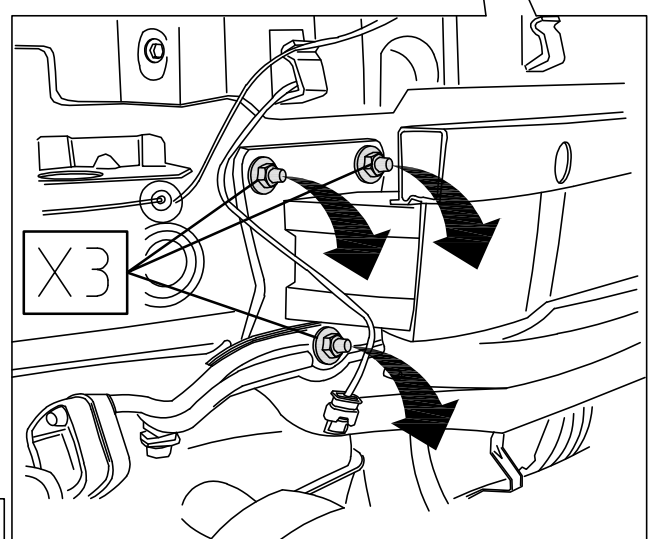
4x PDC

X1

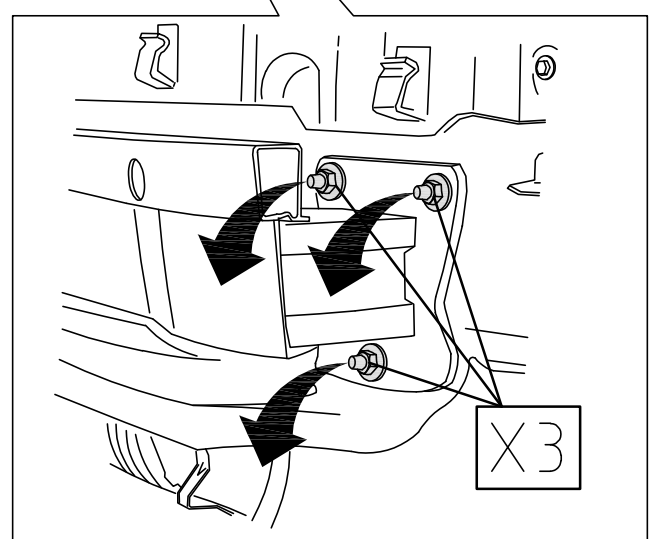
2



X2



X3



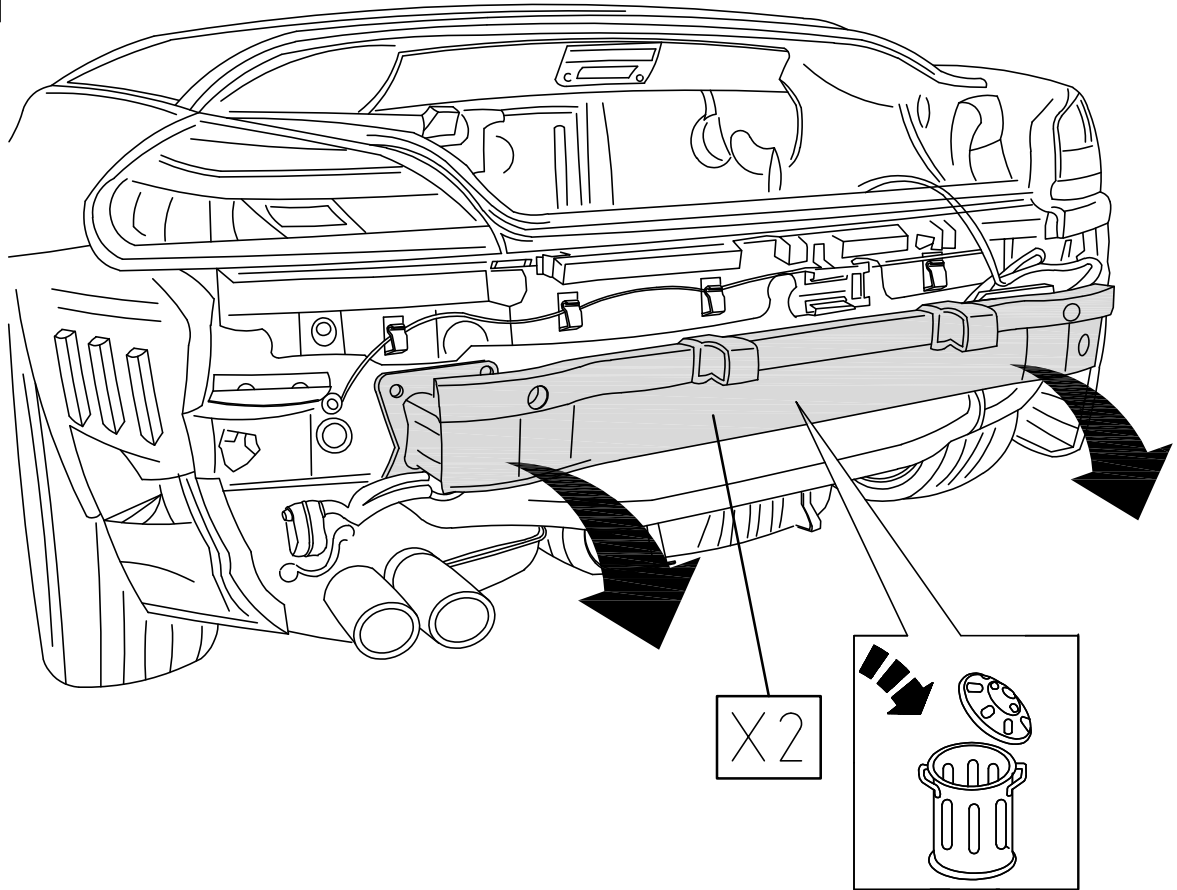
X3

3

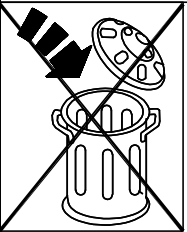
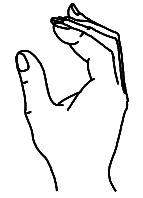
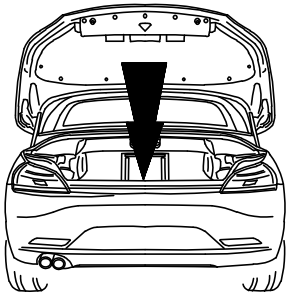




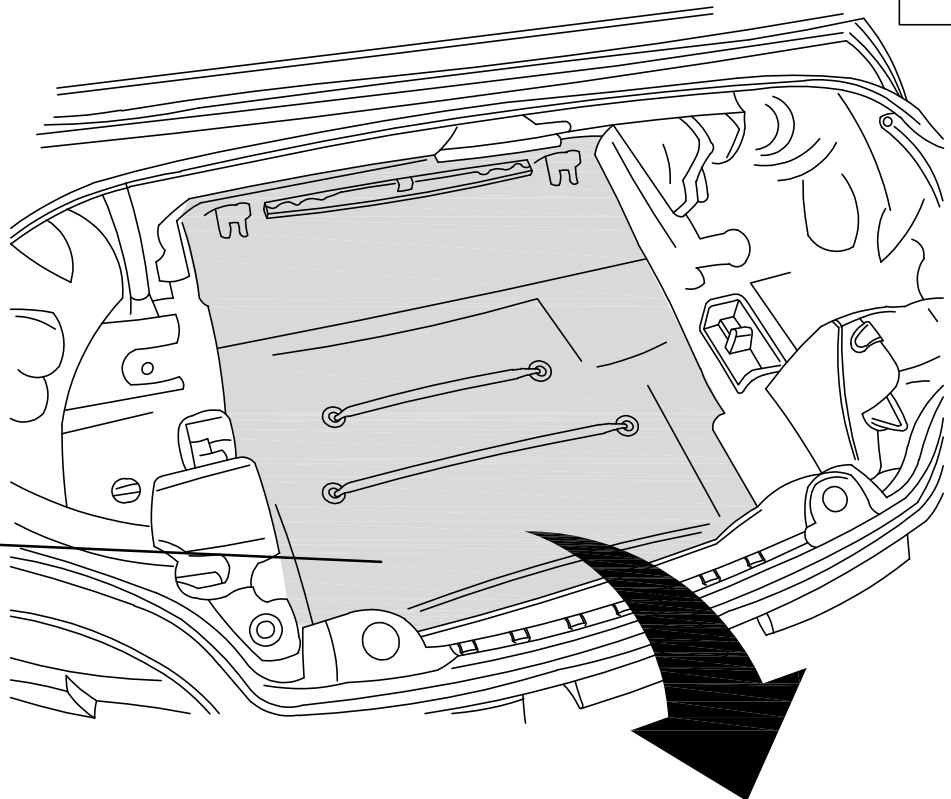
3



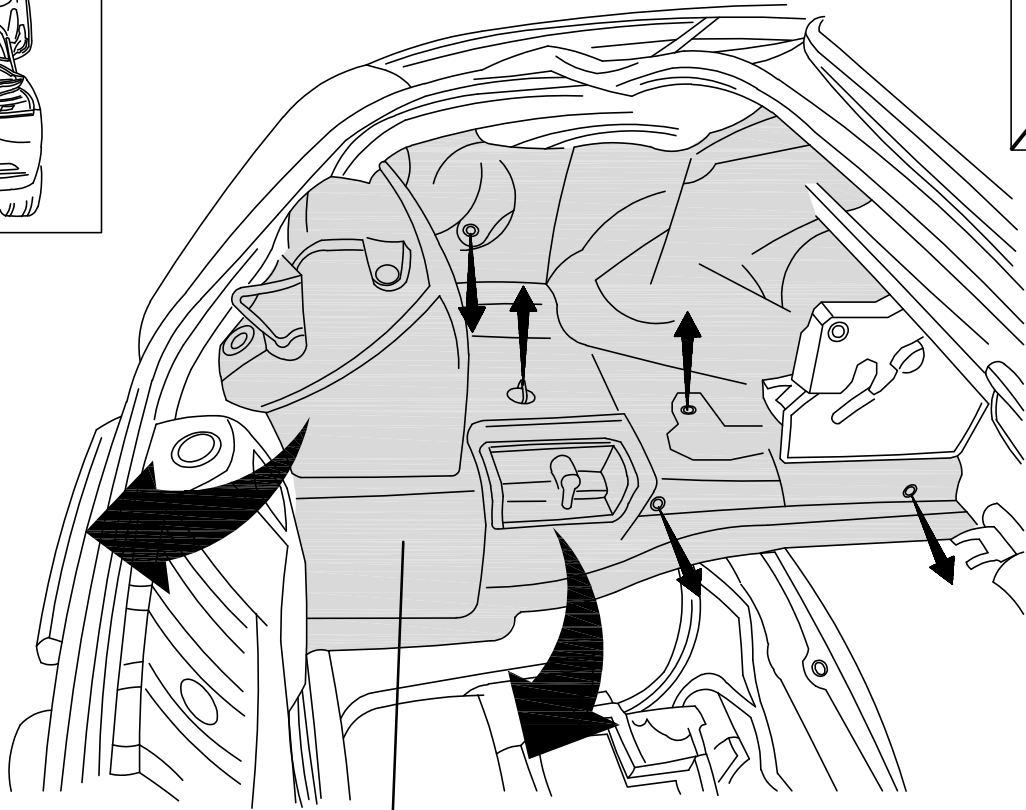
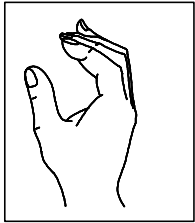
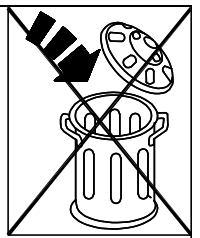
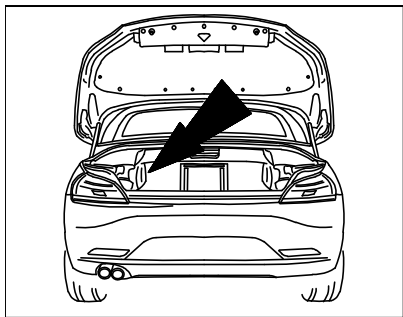
4



X4

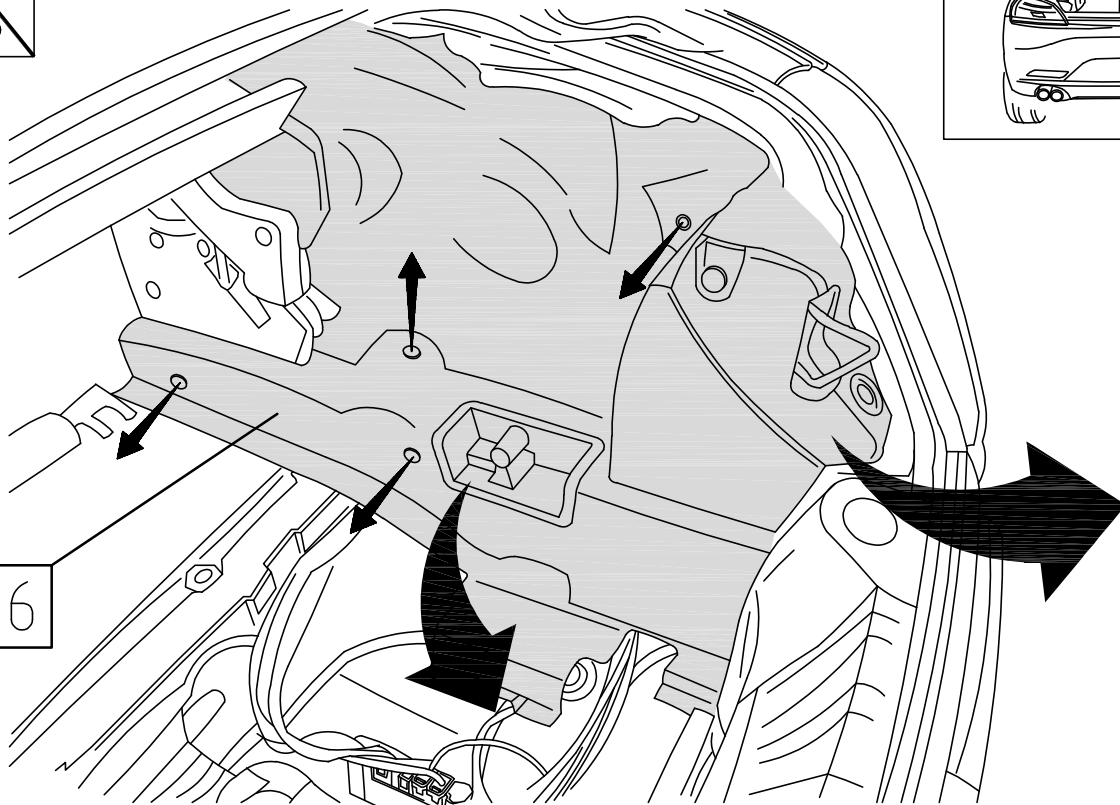
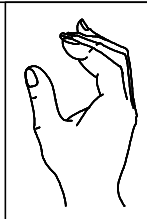
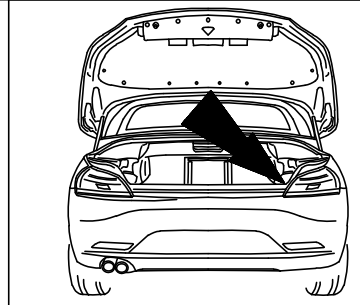
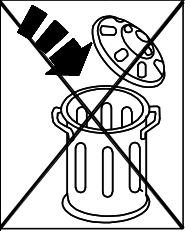


5



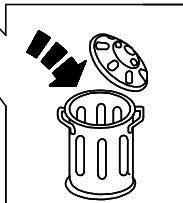
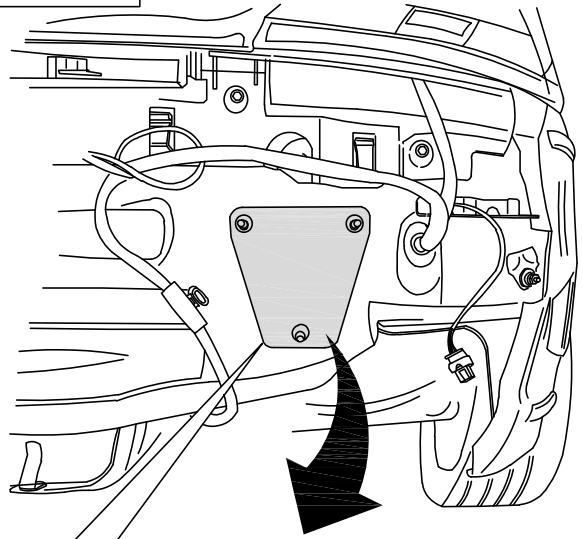
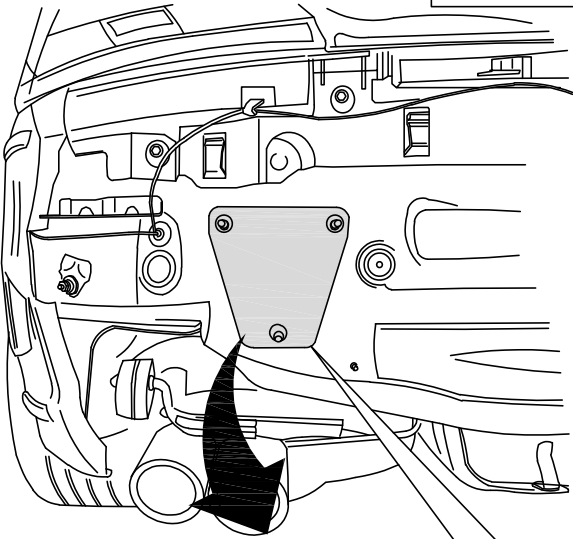
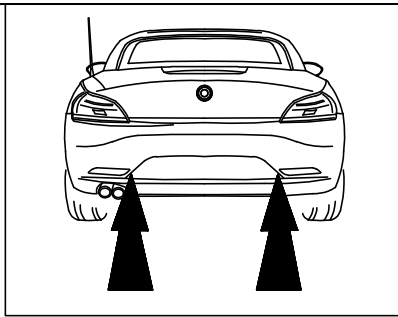
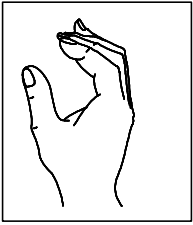
X5

6

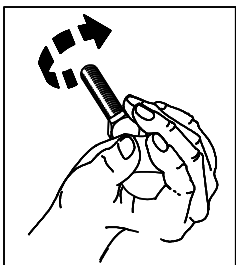
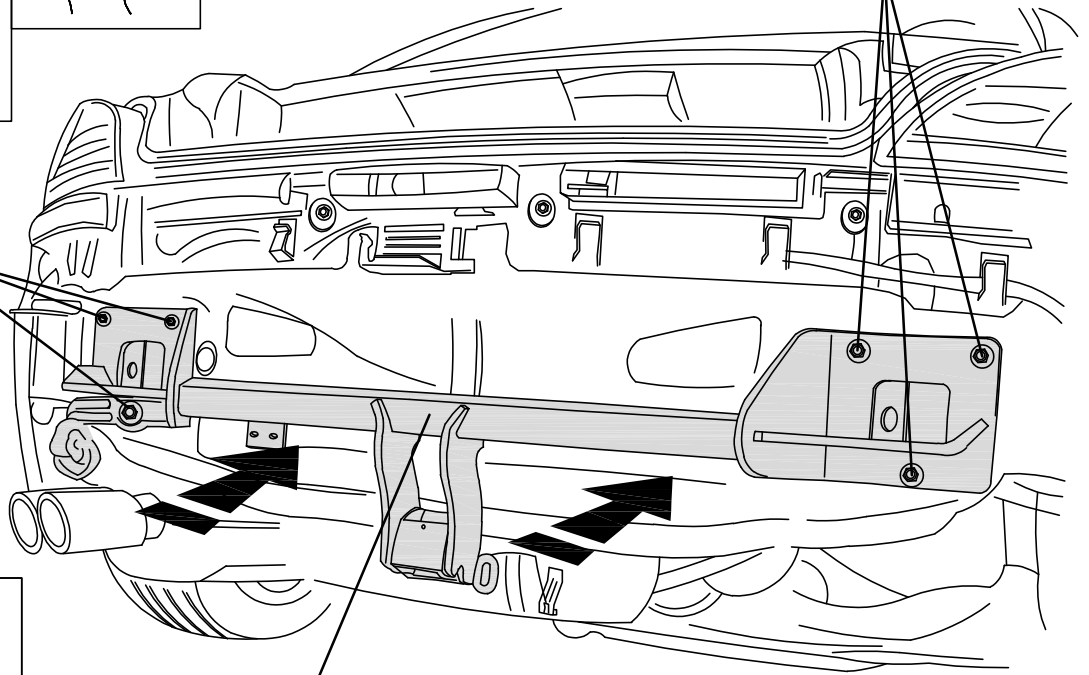
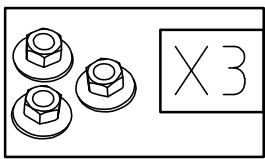
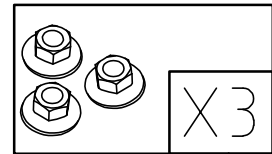
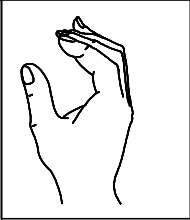
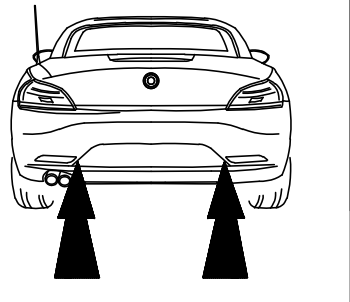


X6

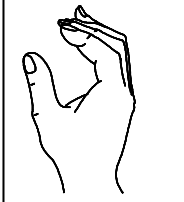
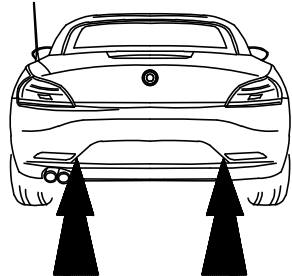
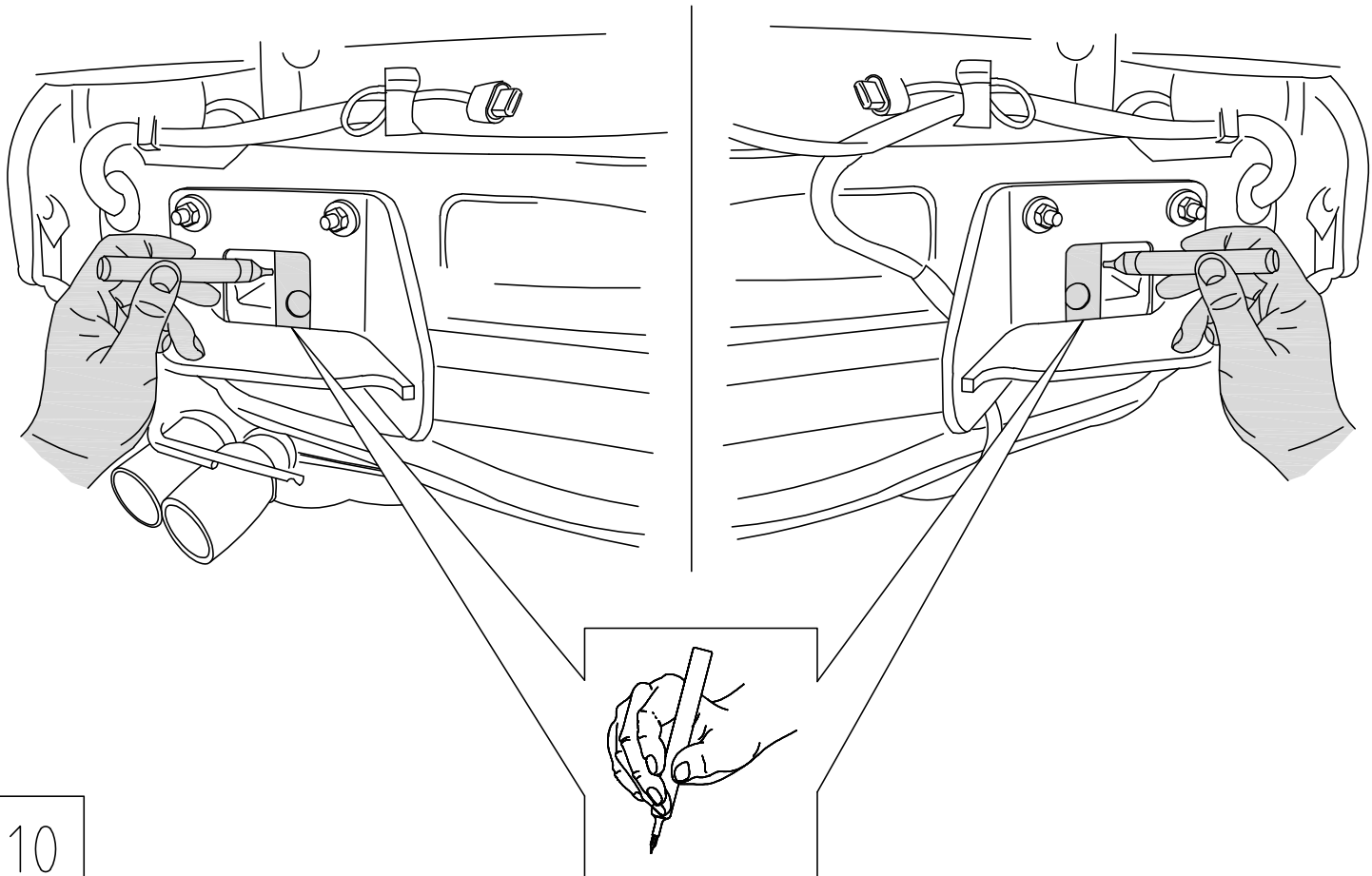
7



8



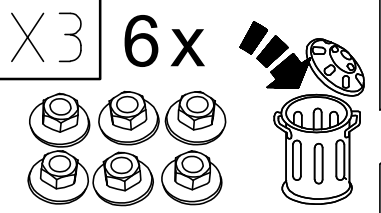
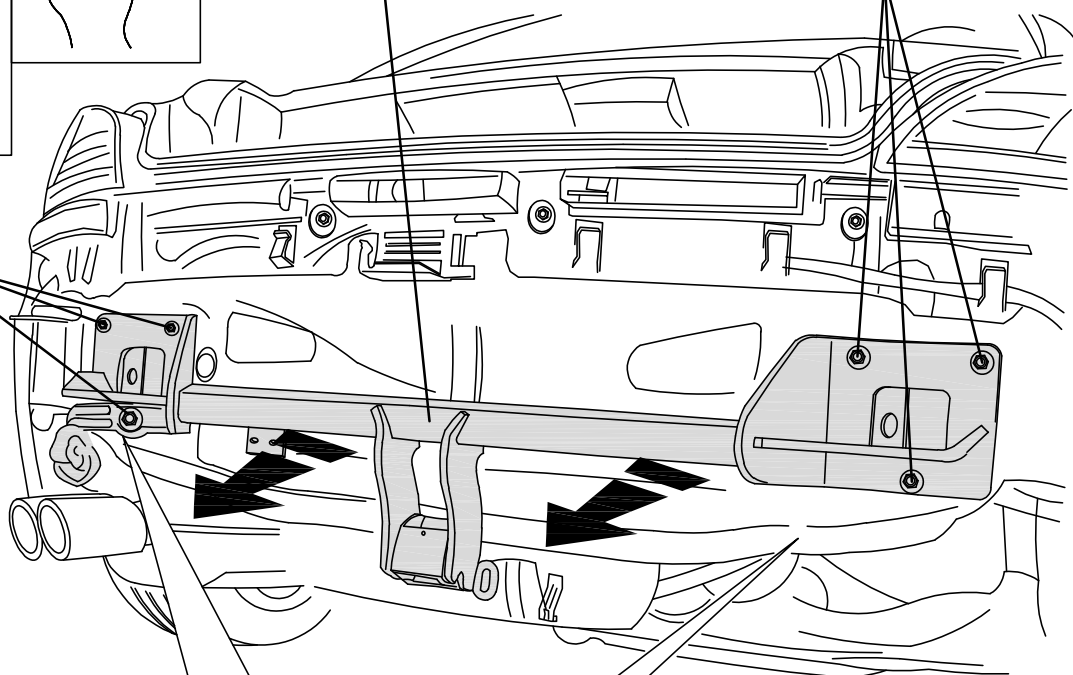
9



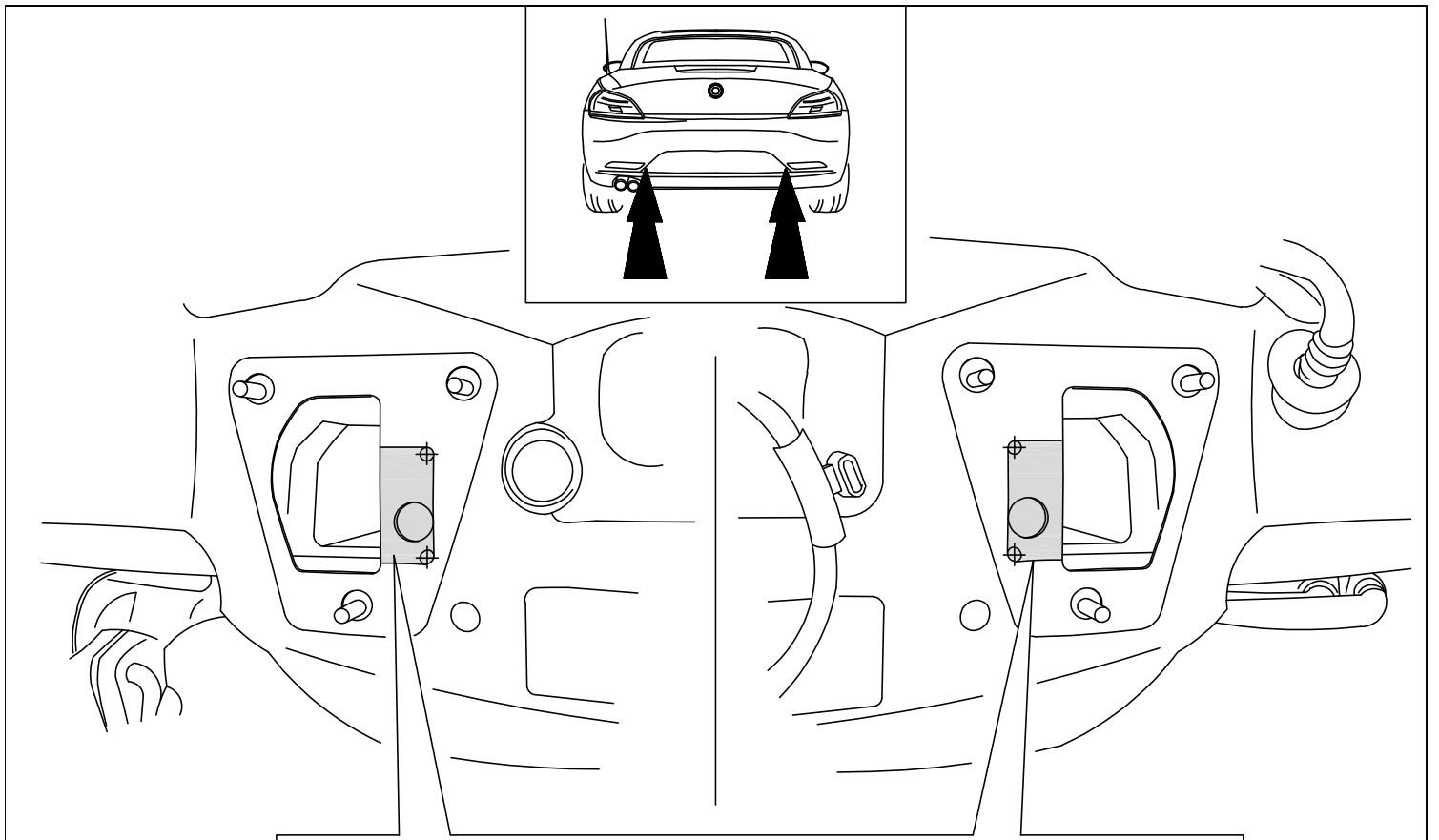
2

X3

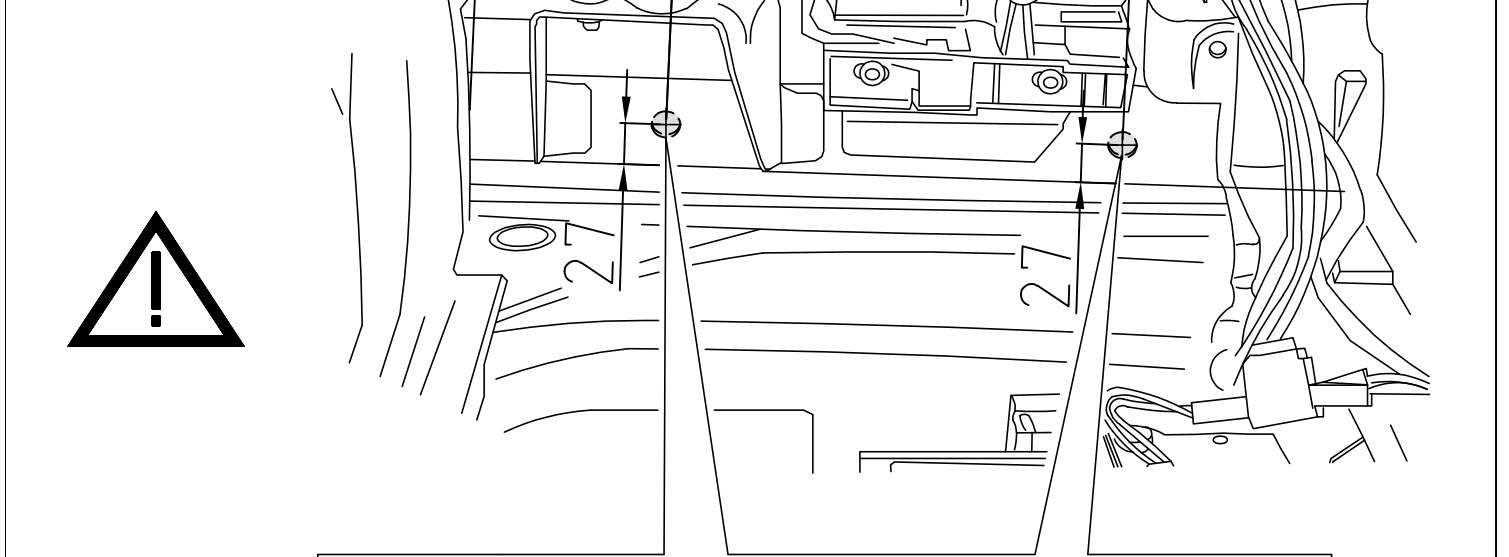
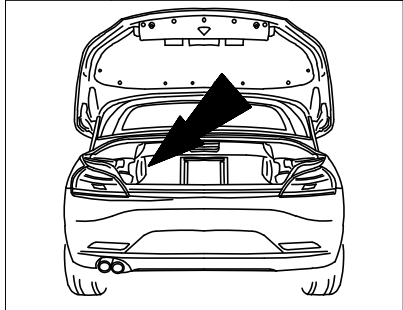
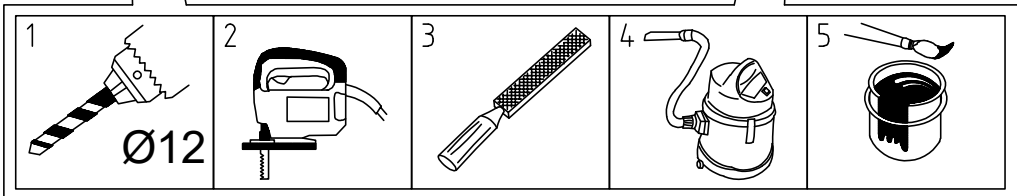
X3



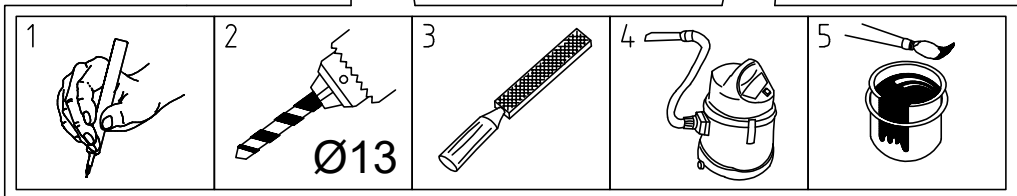
11

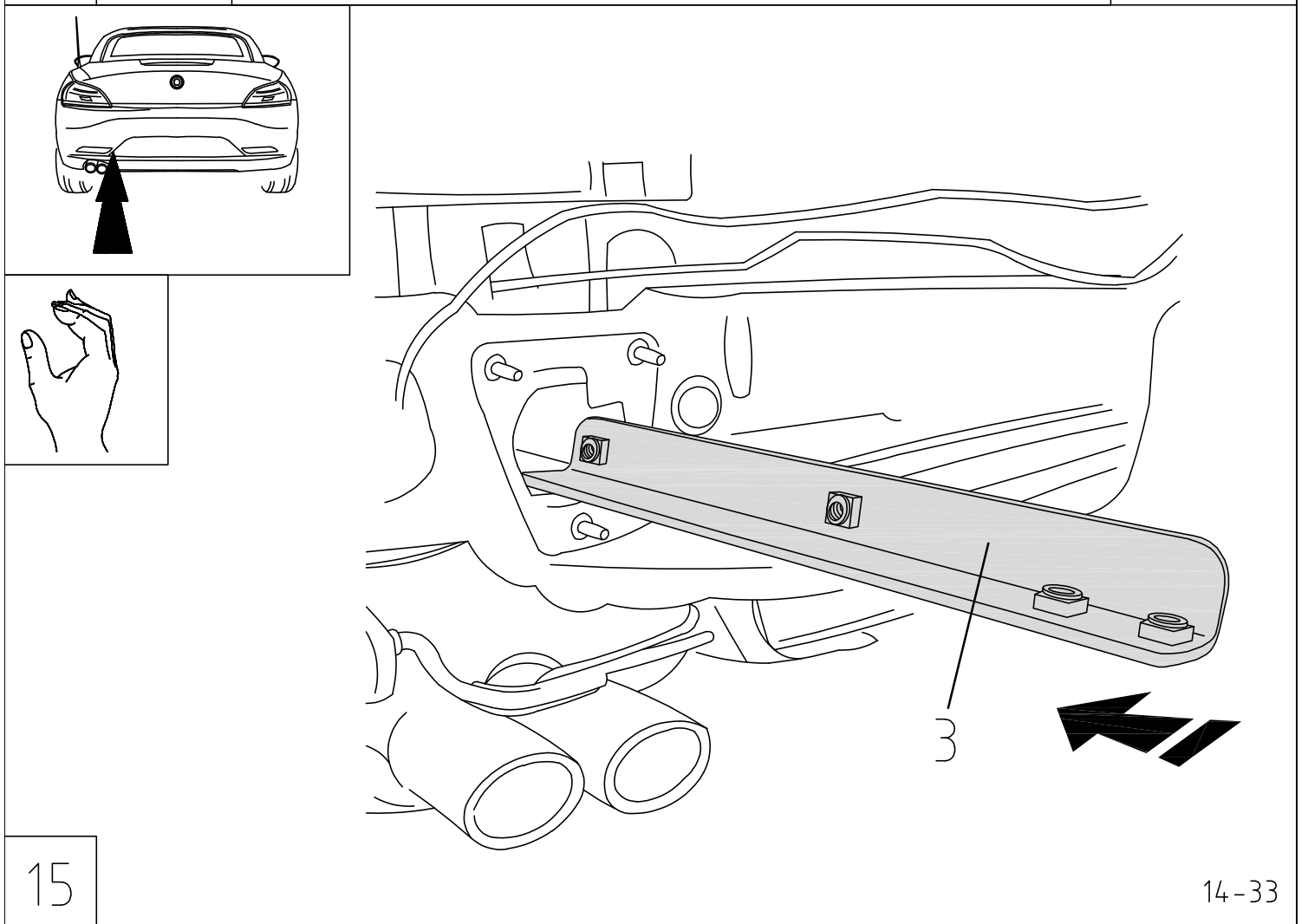
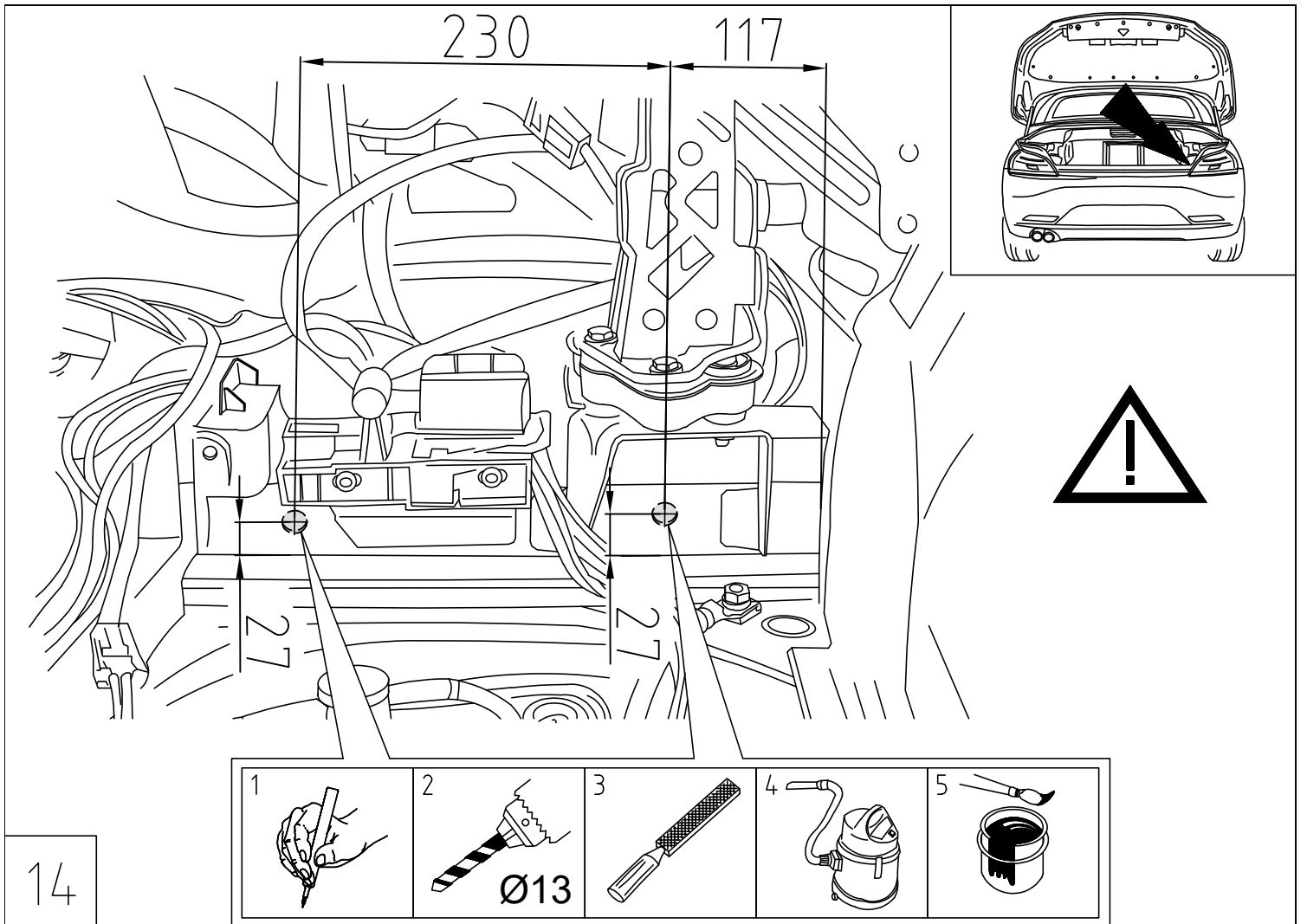


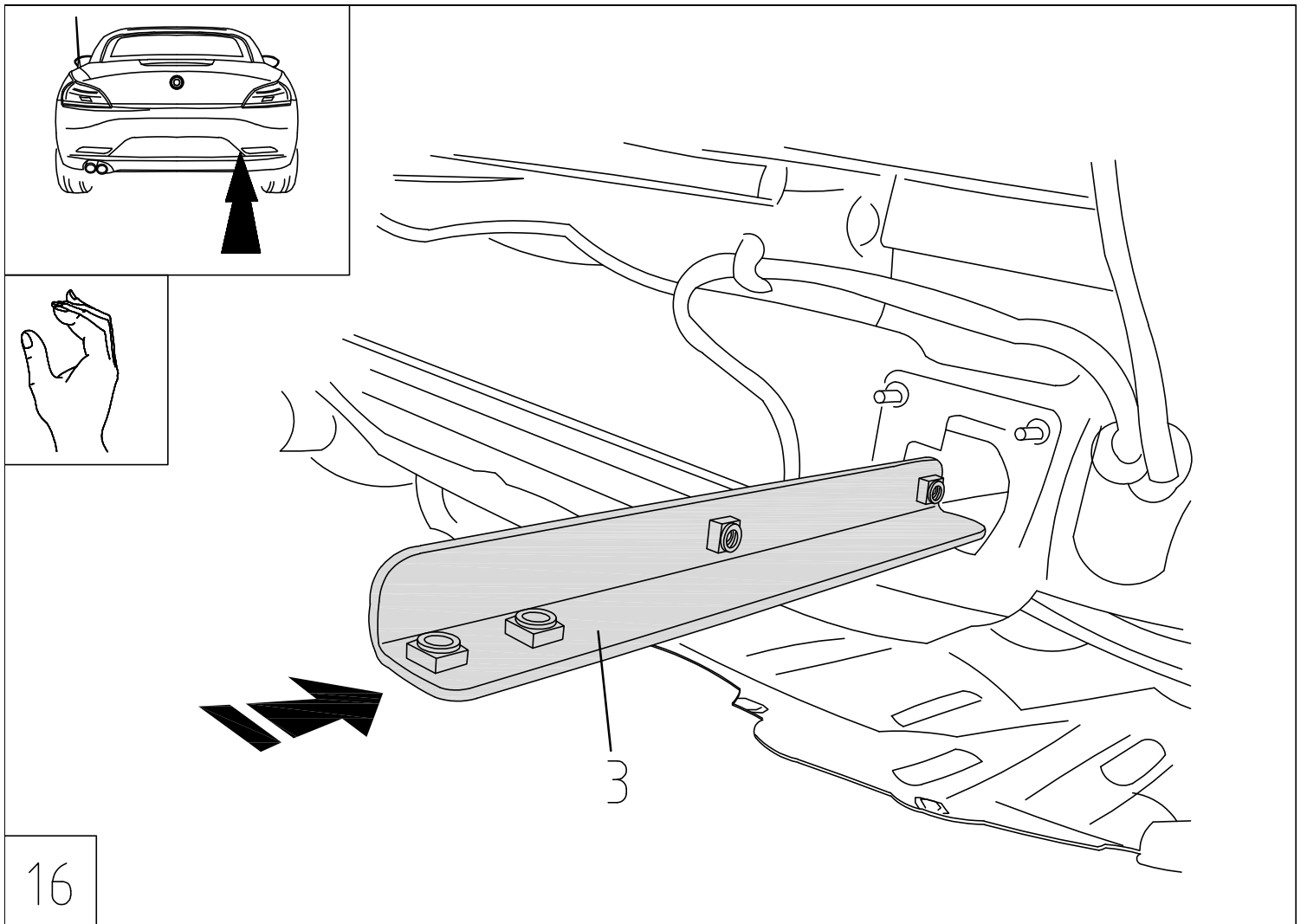
12



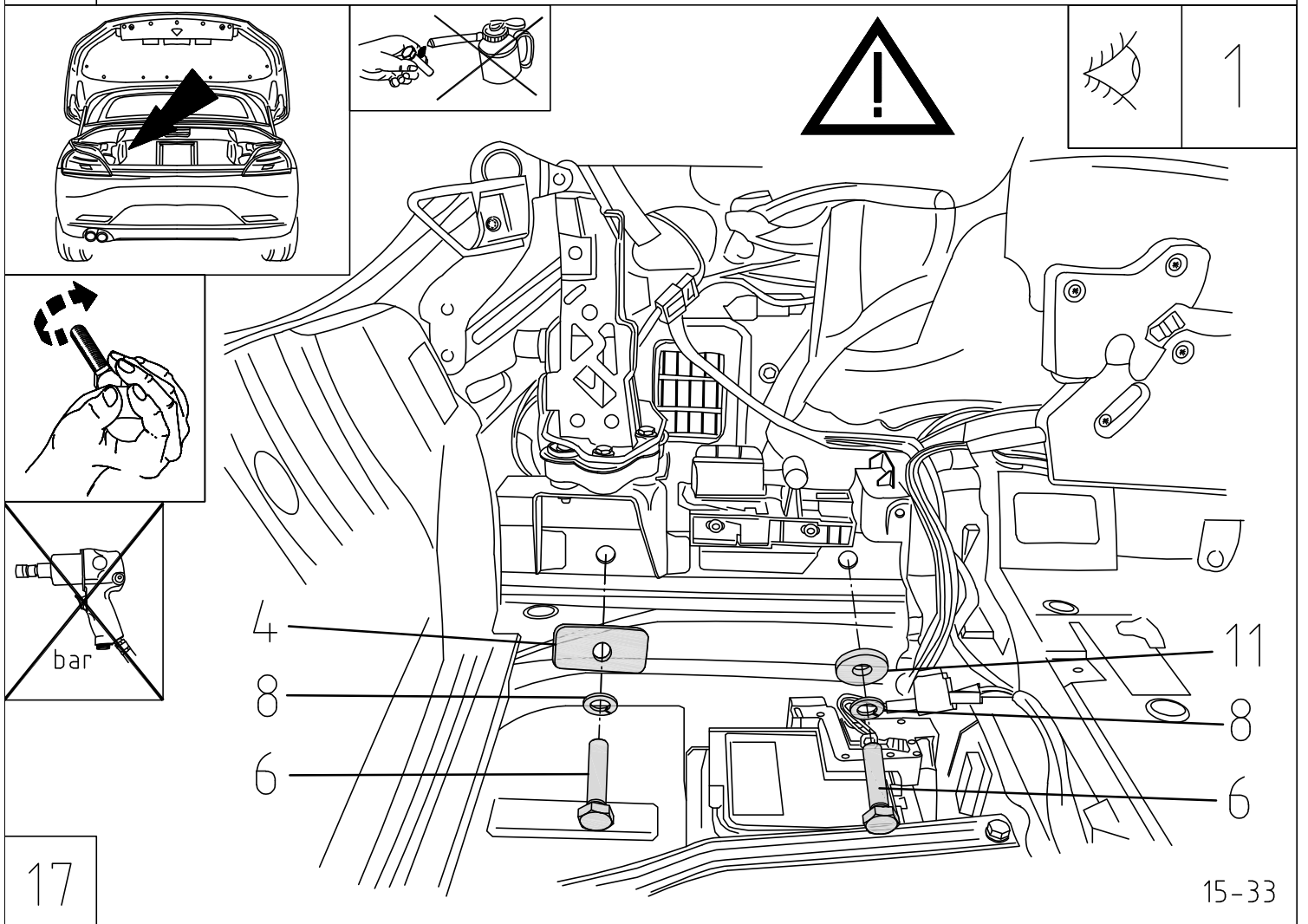
13







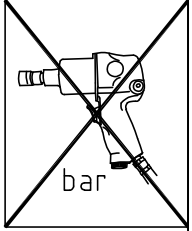
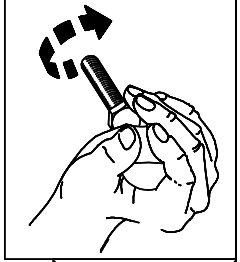
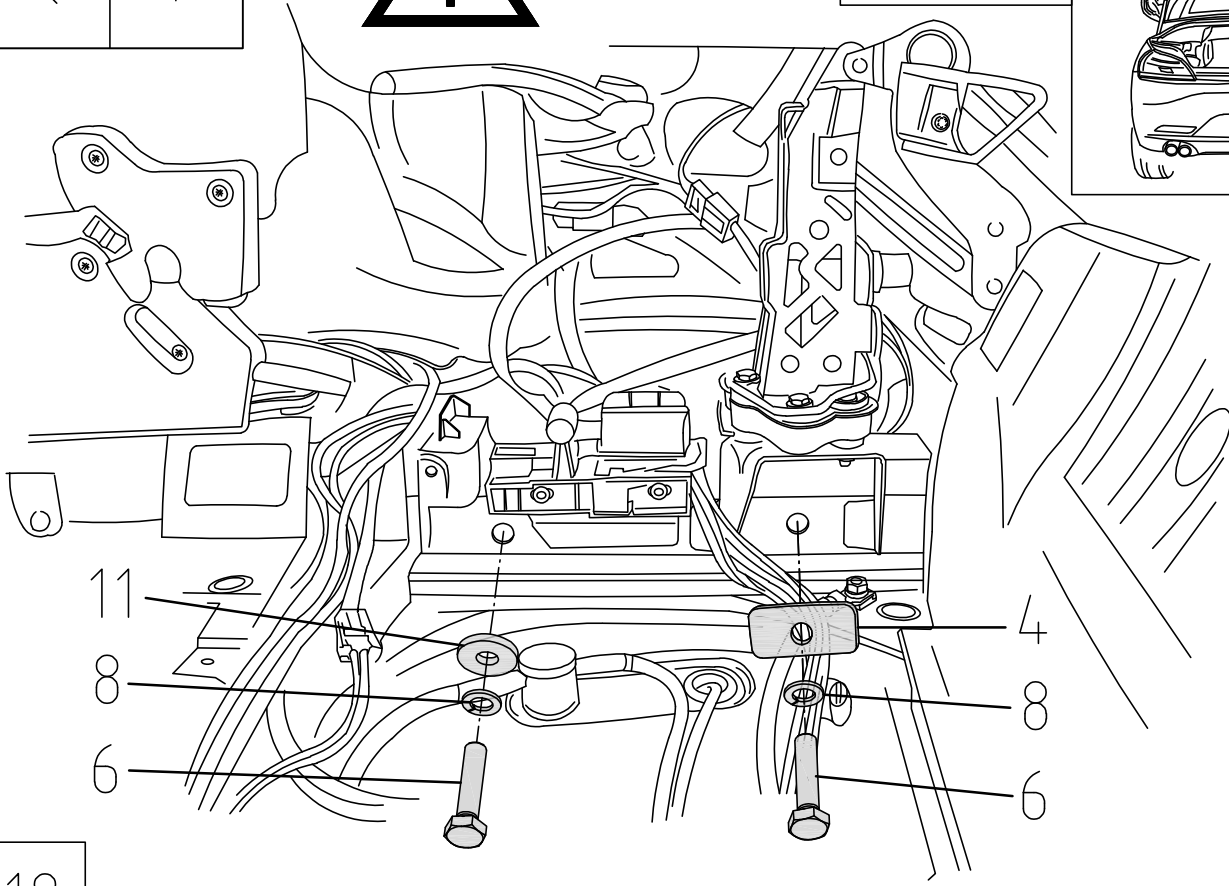
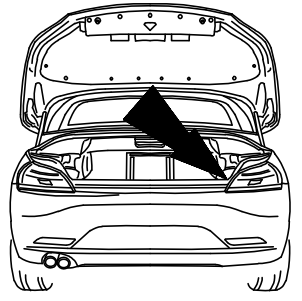
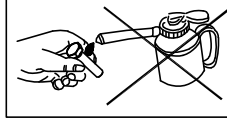
16



17

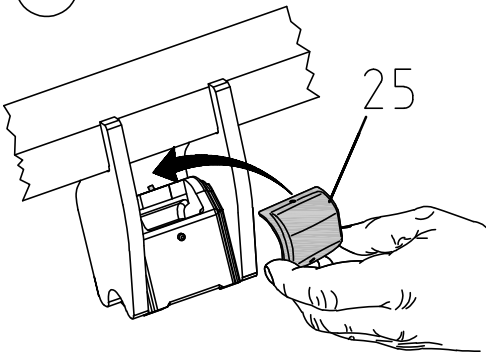


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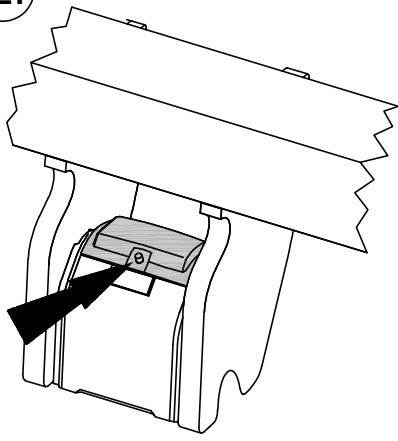


18

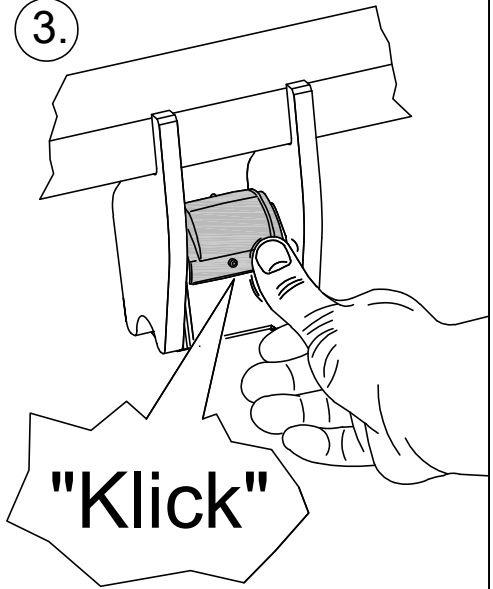
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2.

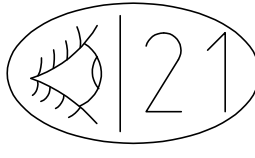
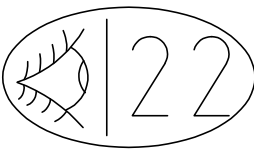
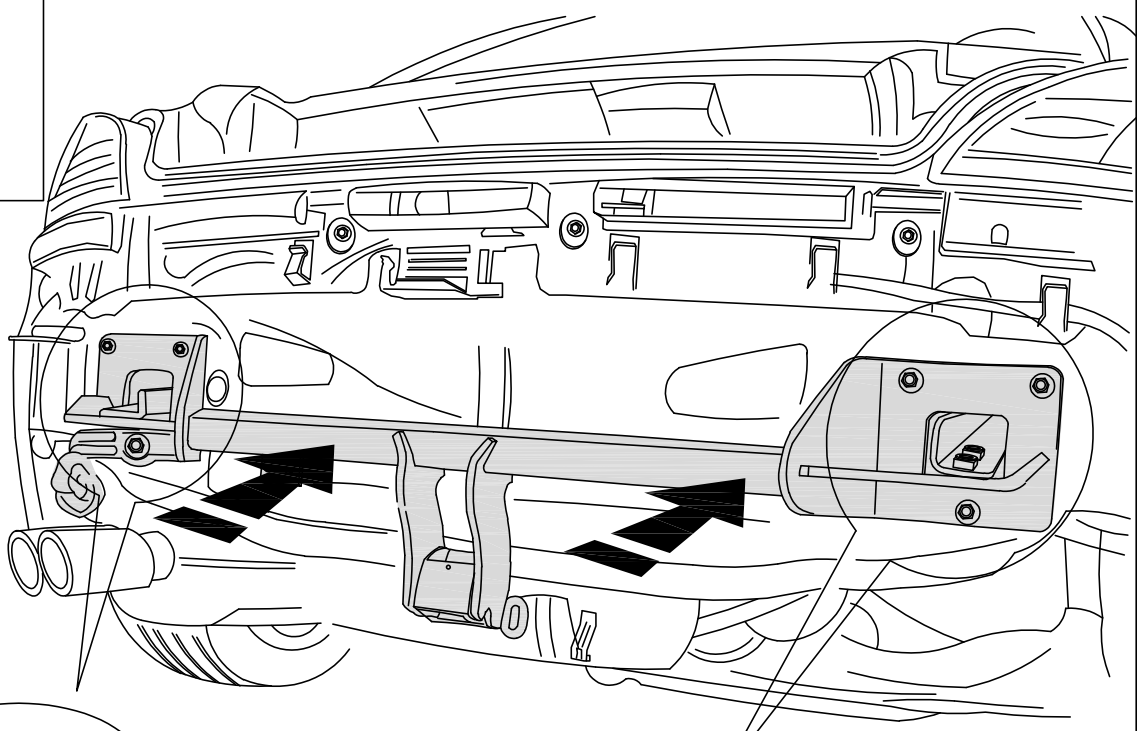
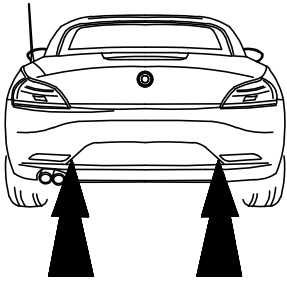


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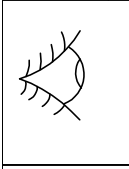


19

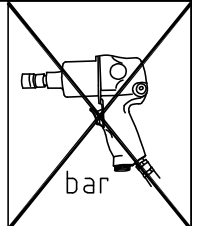
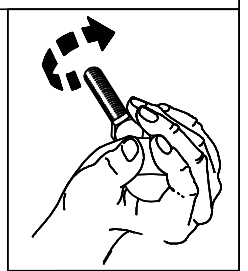
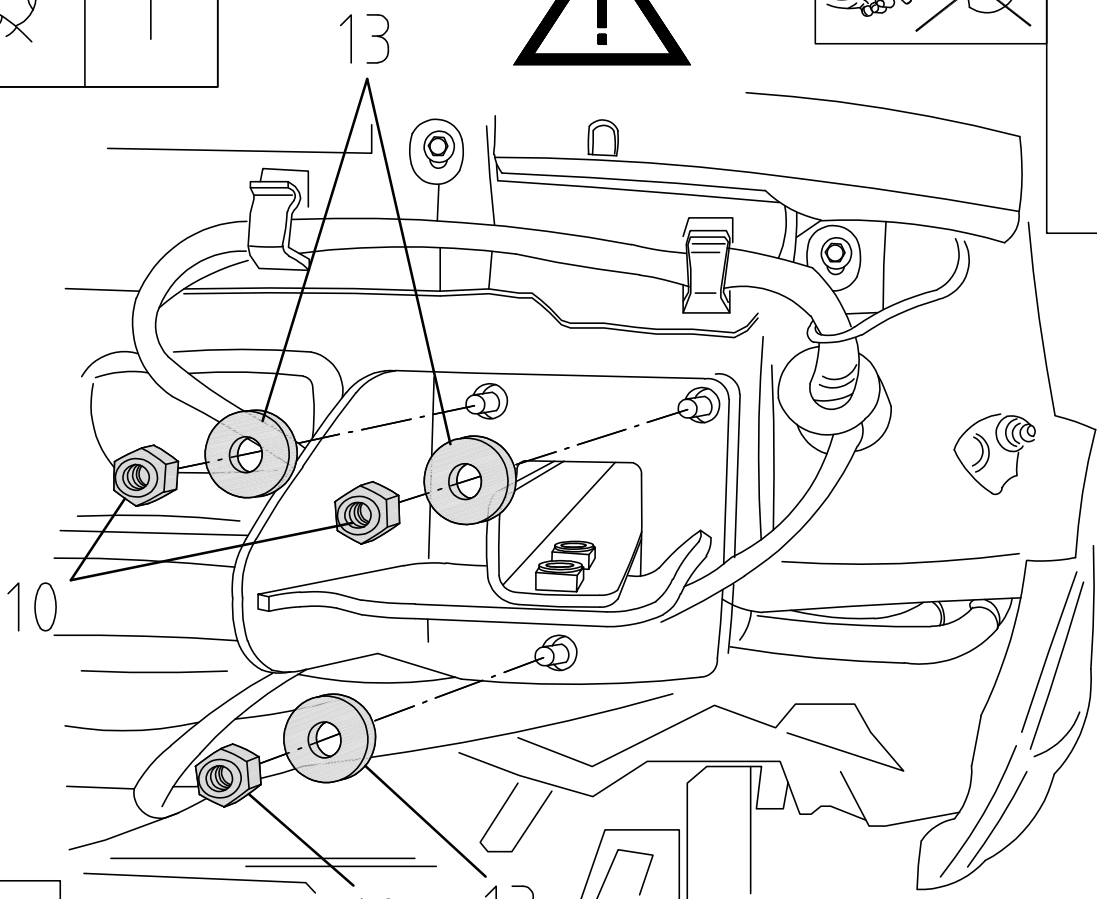
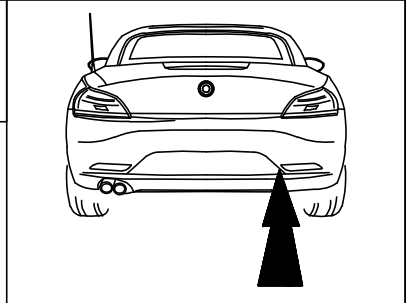
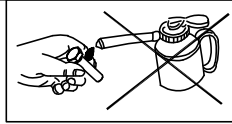




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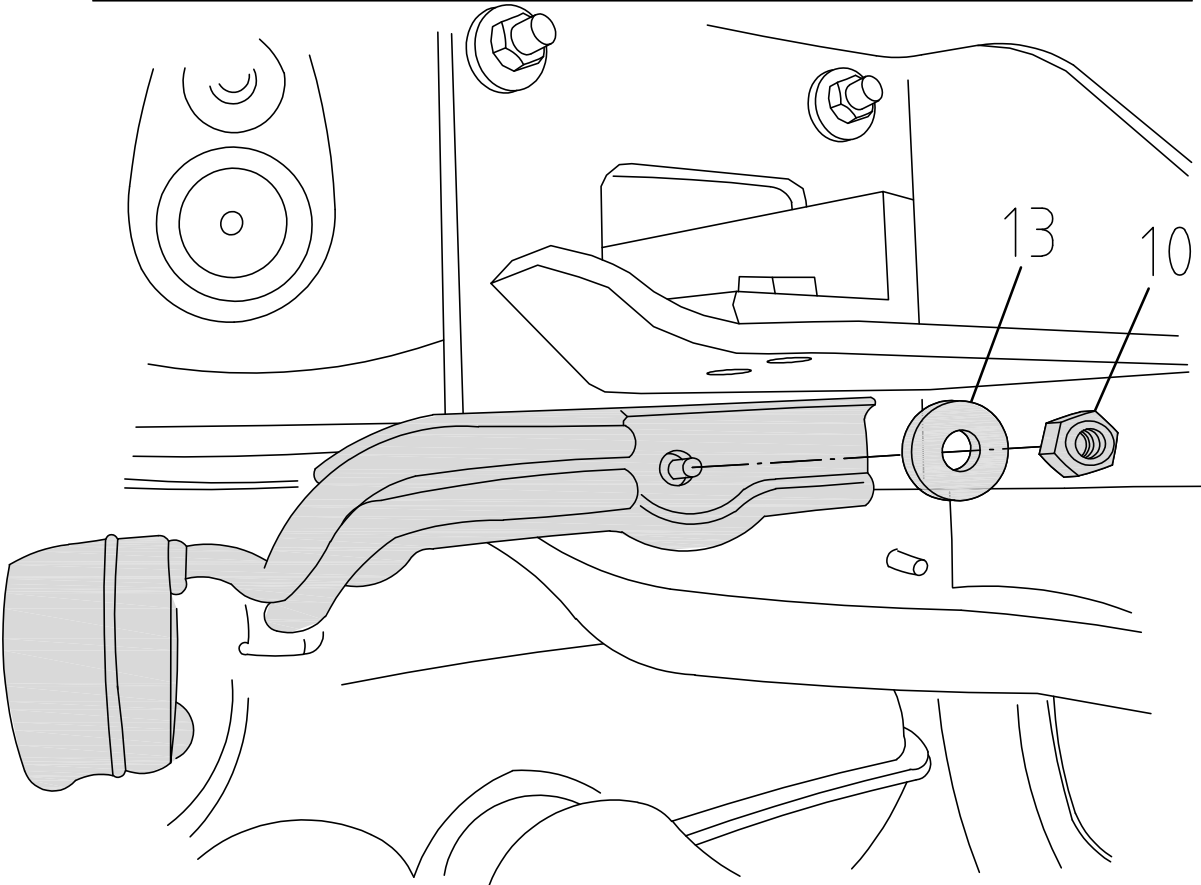
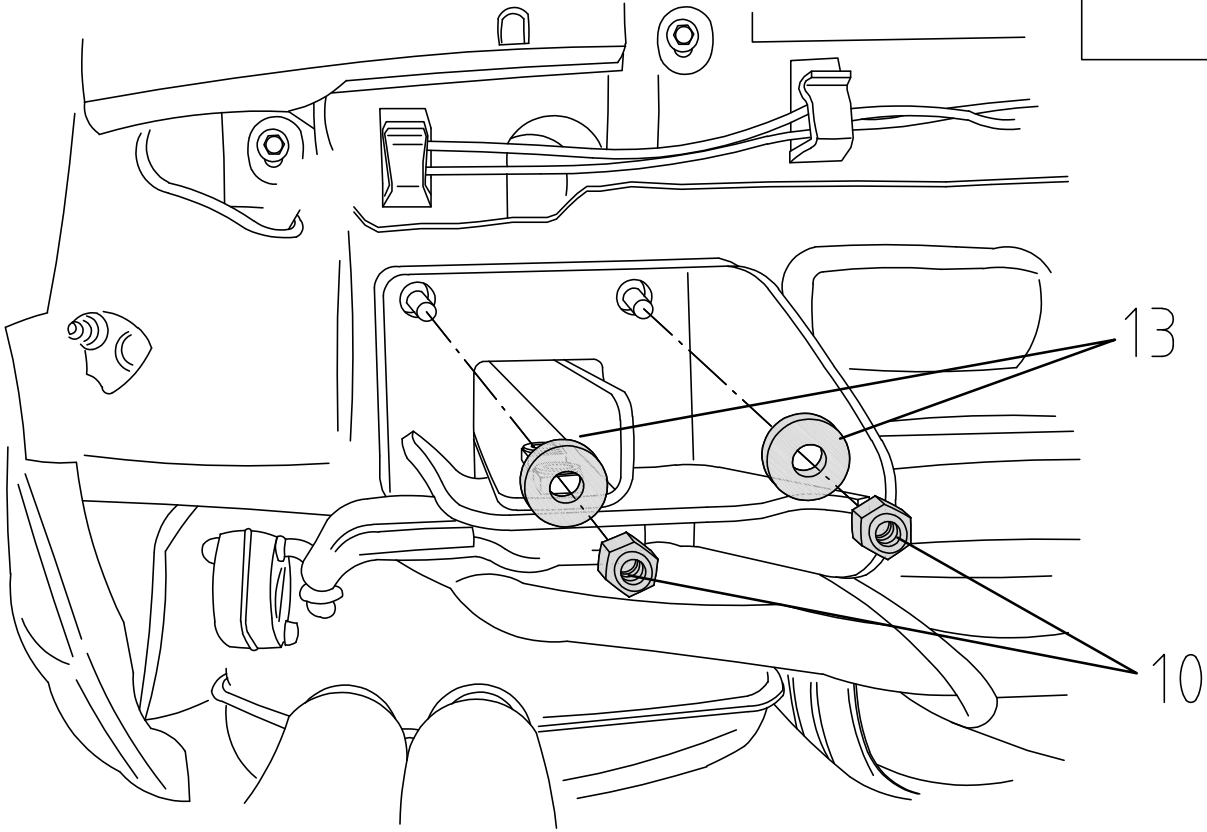
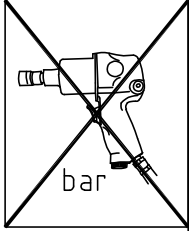
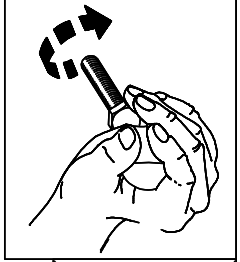
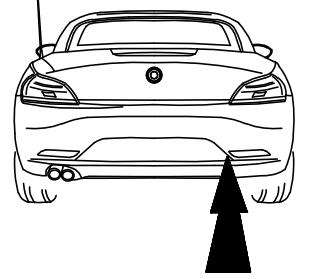
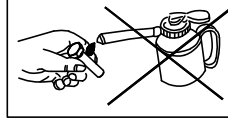
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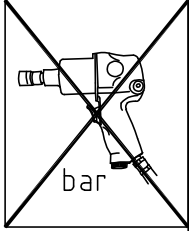
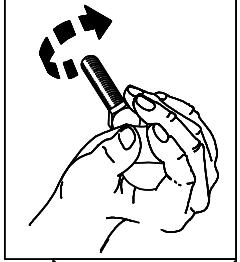
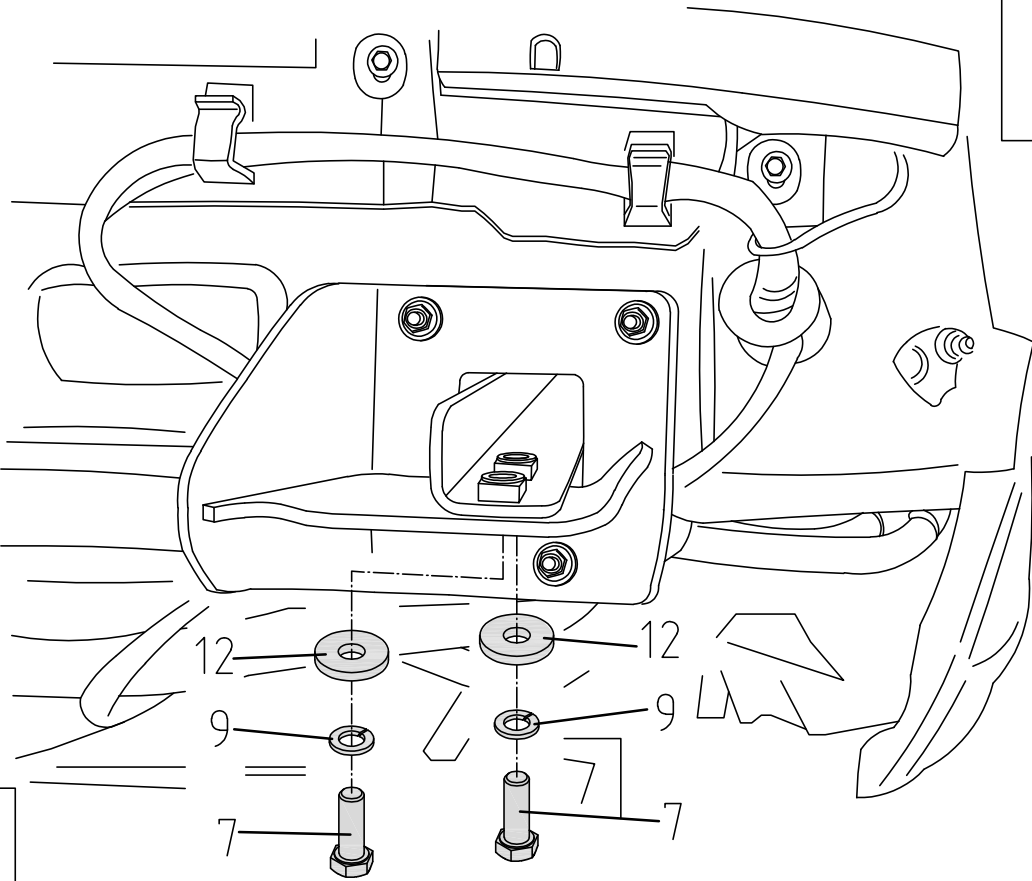
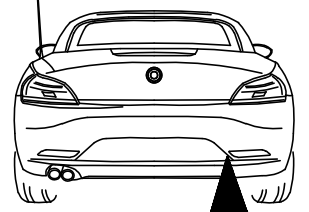
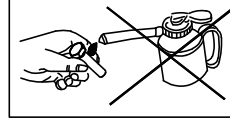


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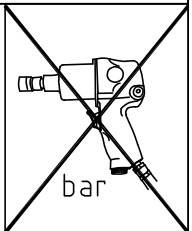
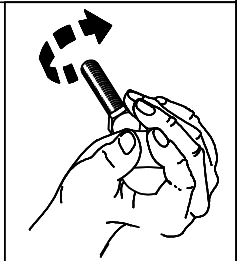
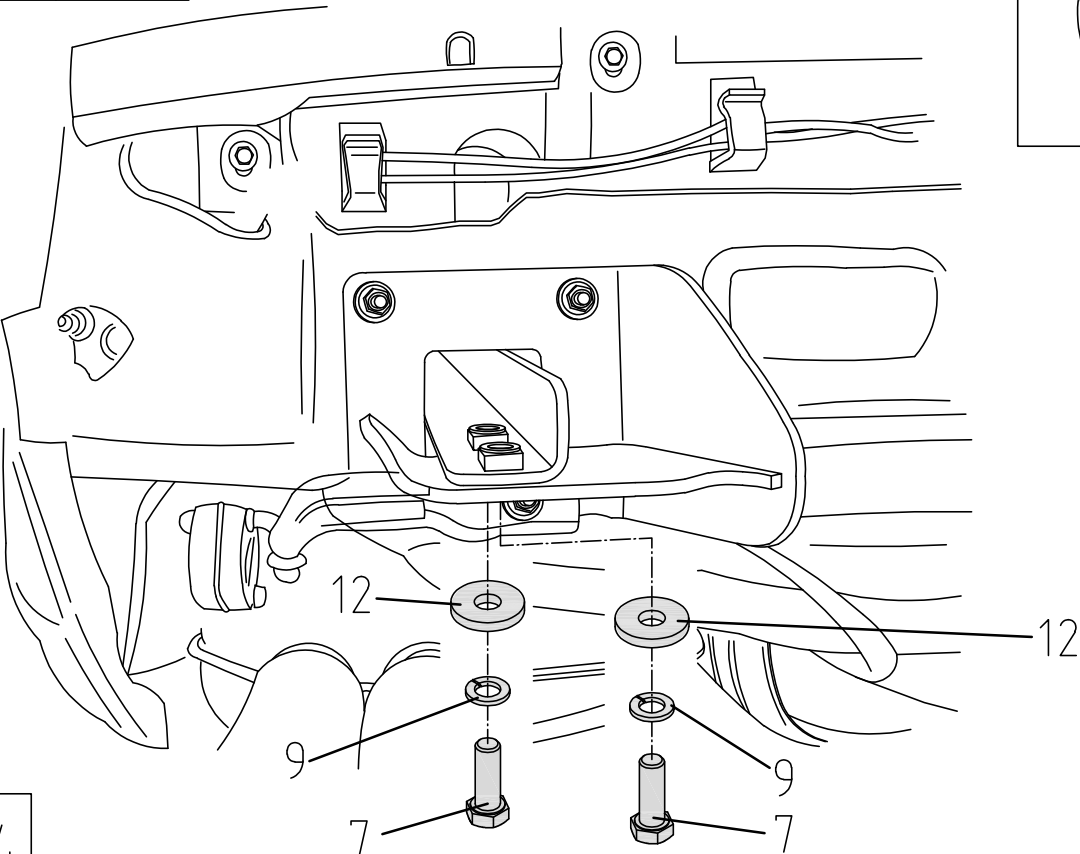
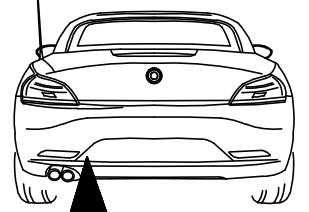
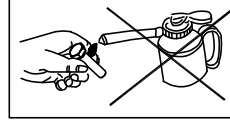
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23



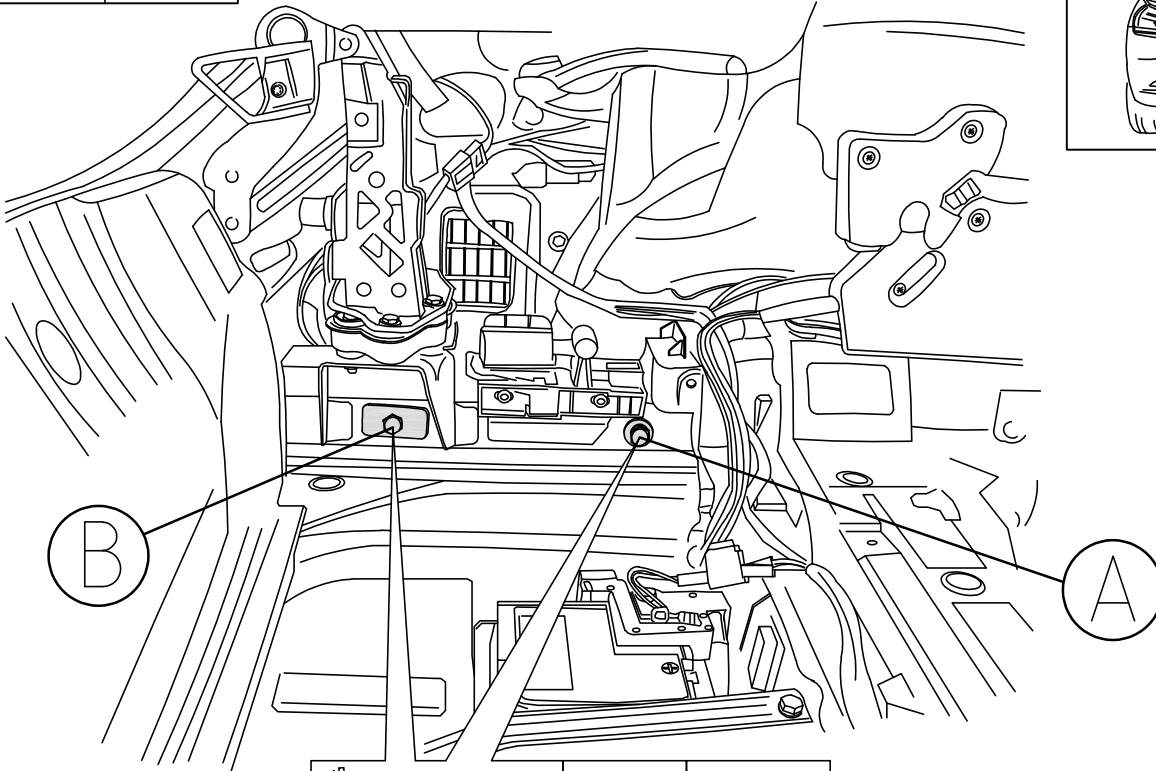
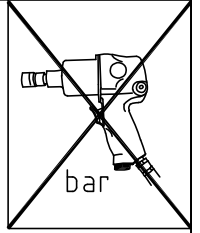
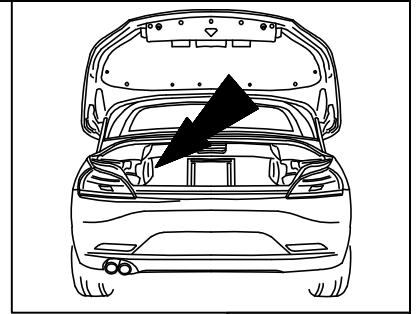
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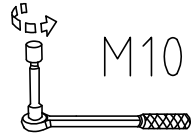
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25



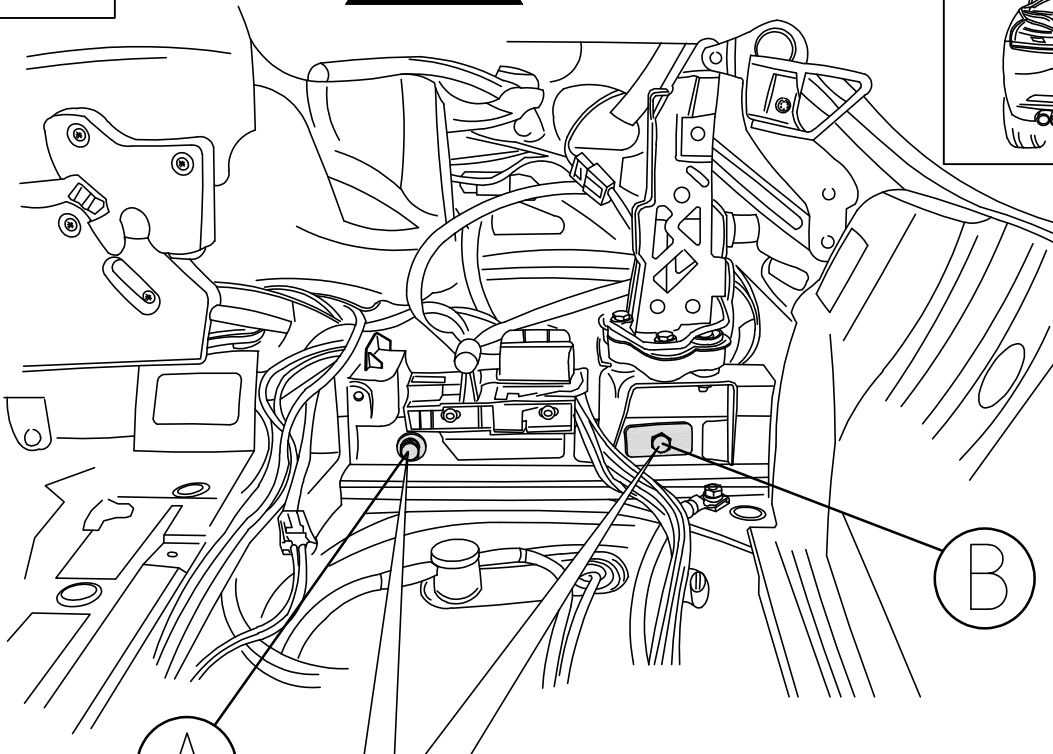
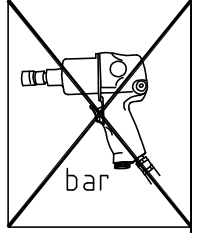
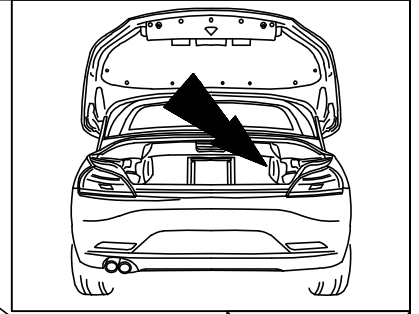
M10

8.8

50Nm



1



26



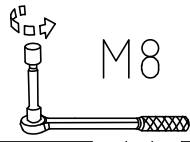
M10

8.8

50Nm



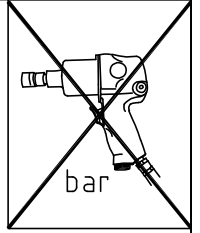
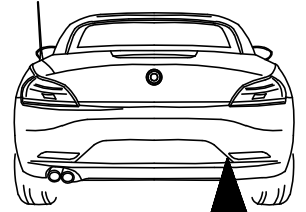
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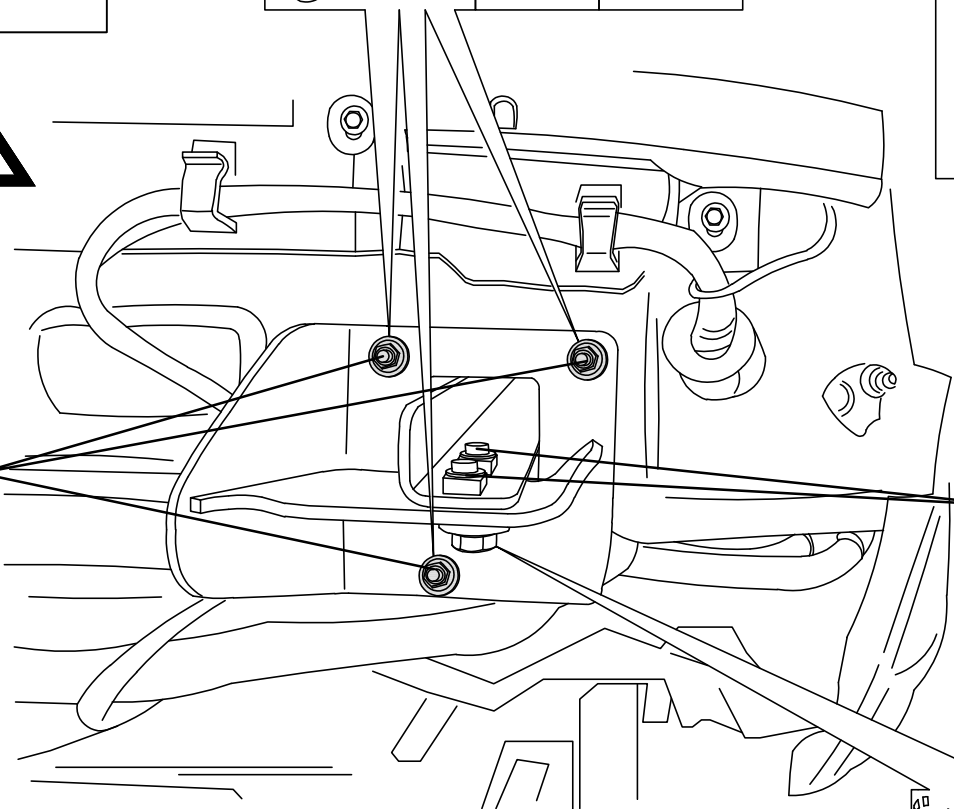
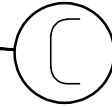
M8

8.8

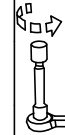
25Nm



bar



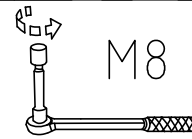
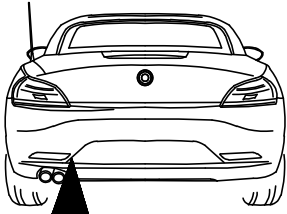
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M12

8.8

85Nm



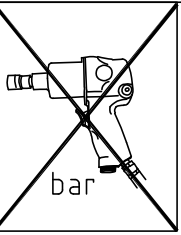
M8

8.8

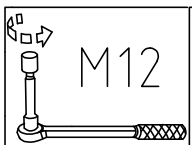
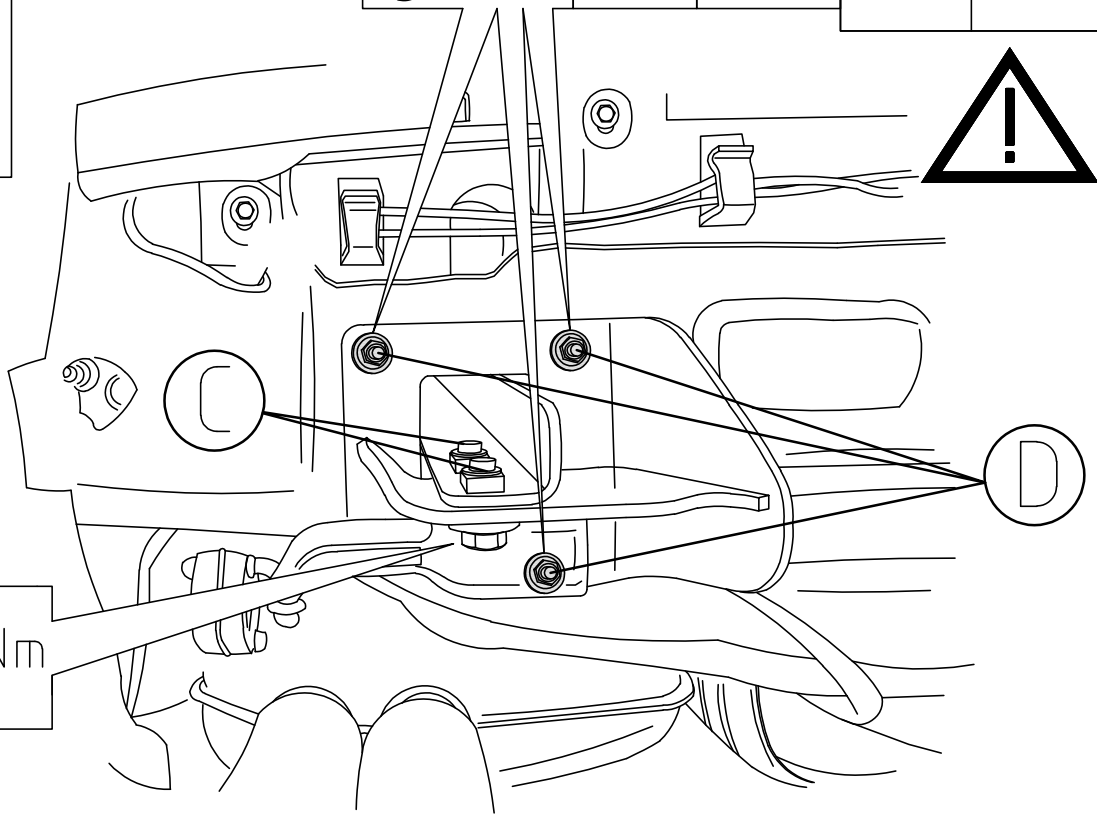
25Nm



1



bar

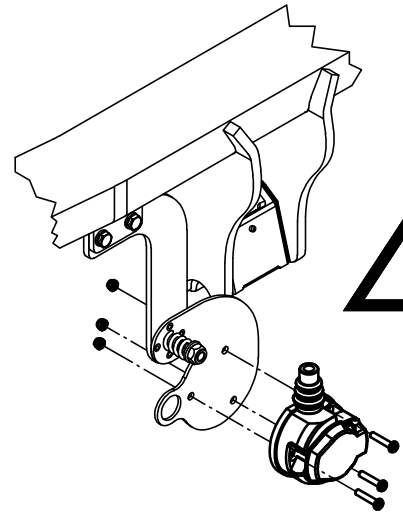
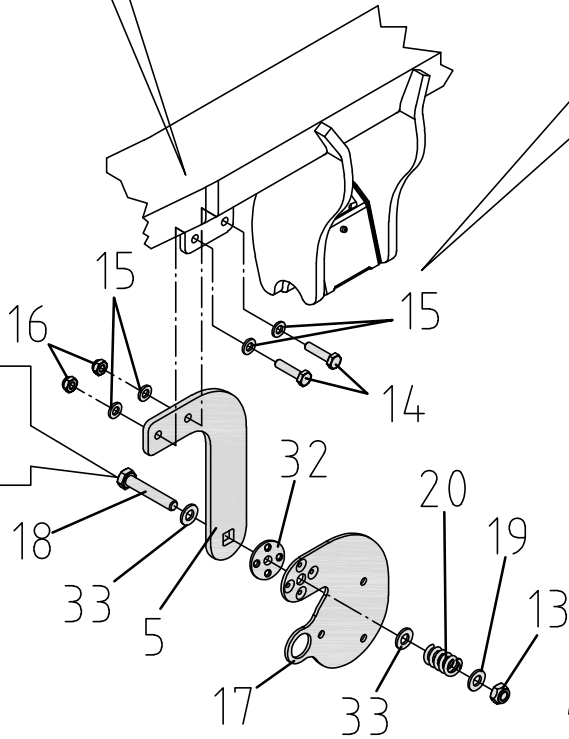
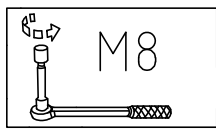
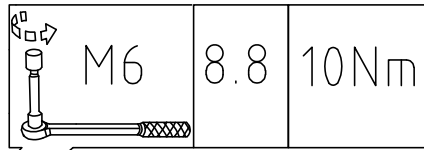
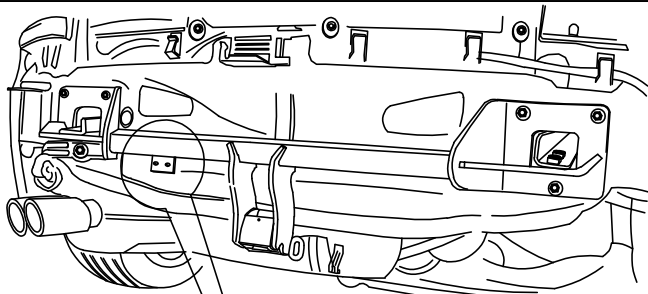
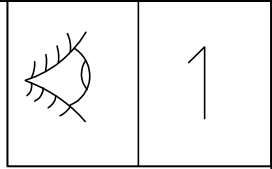


M12

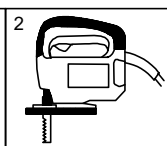
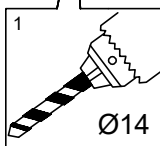
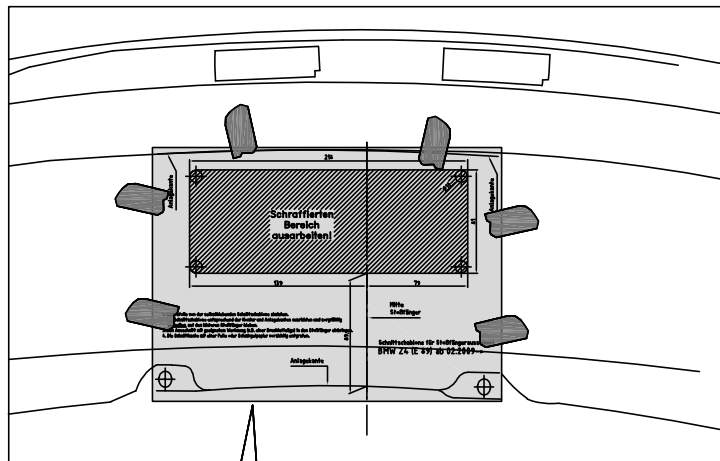
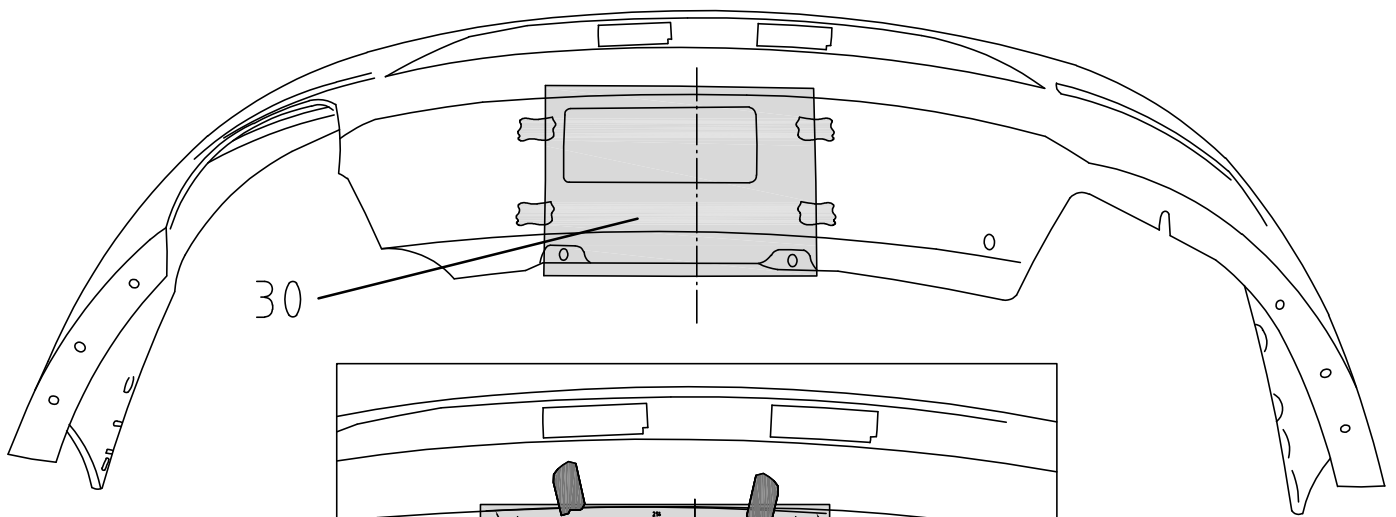
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85Nm

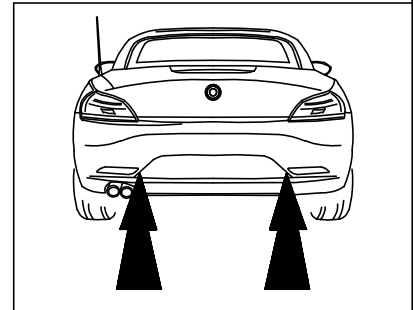
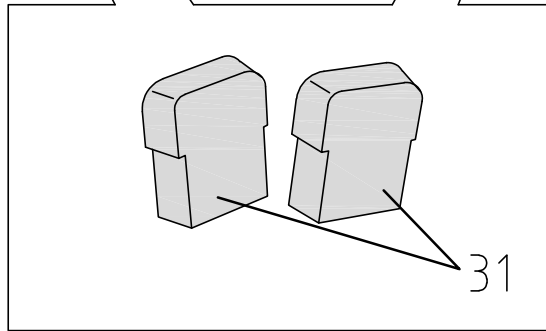
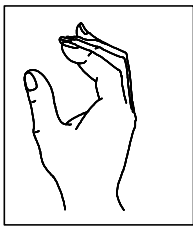
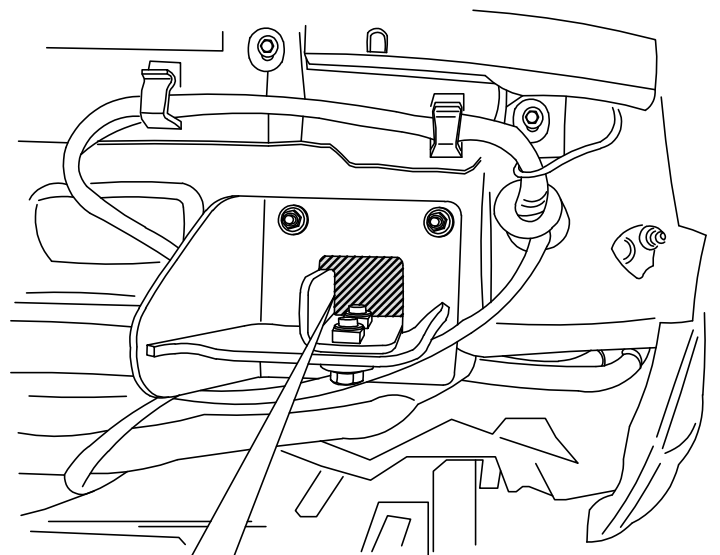
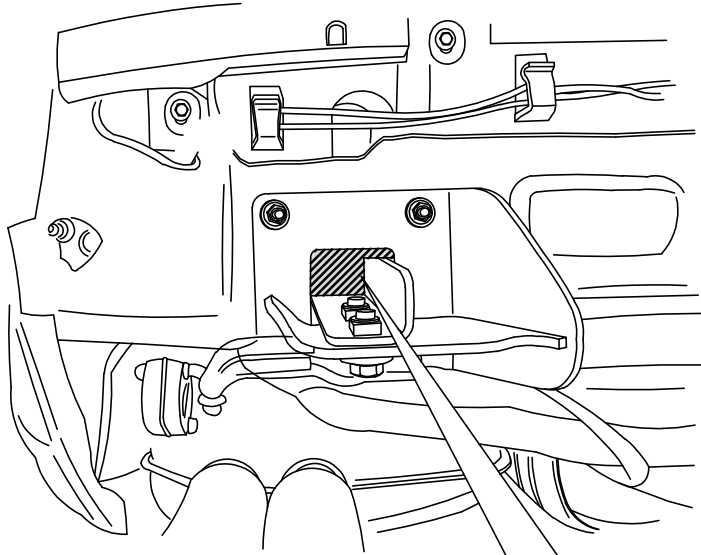
28



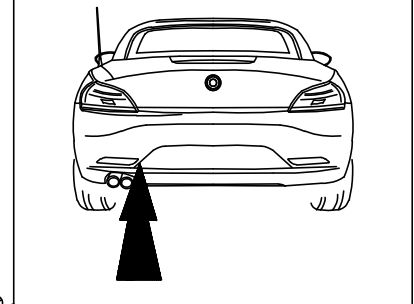
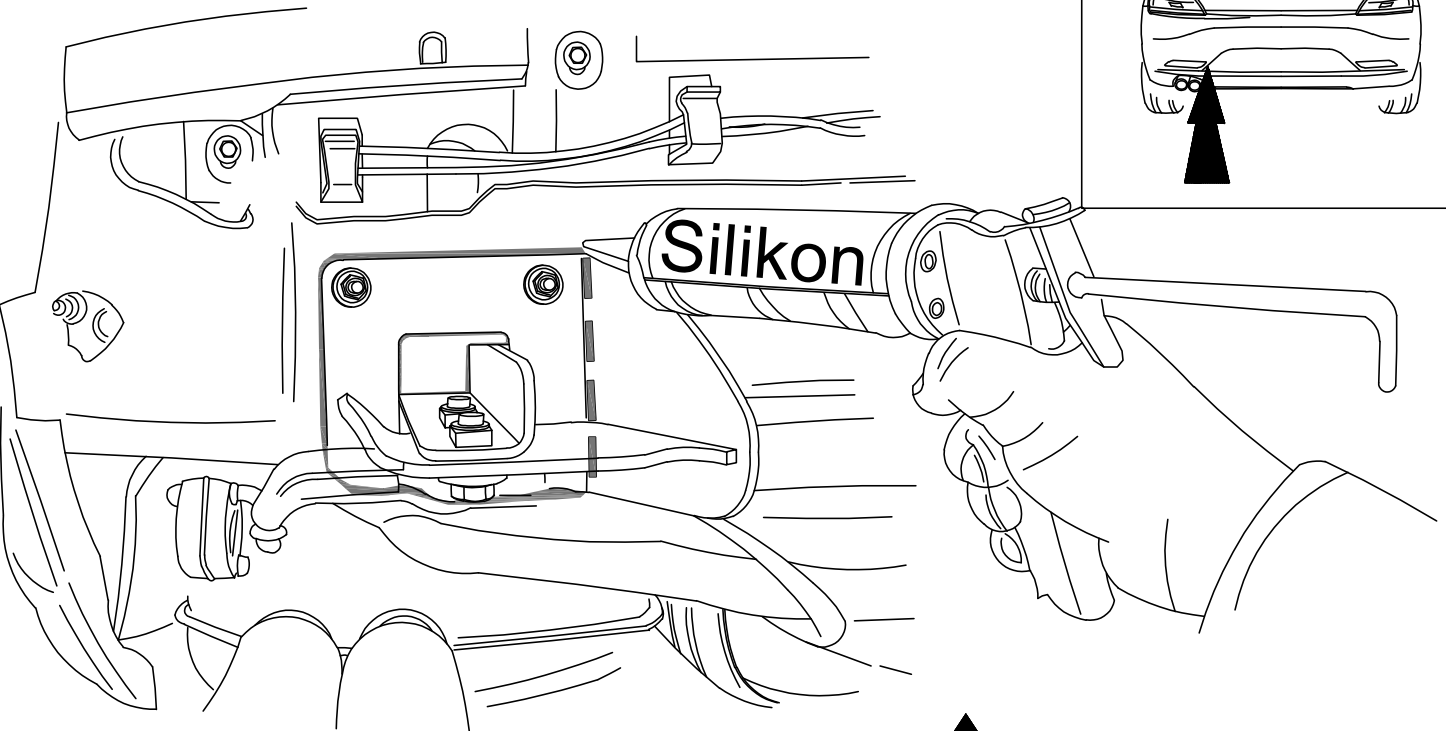
29



30

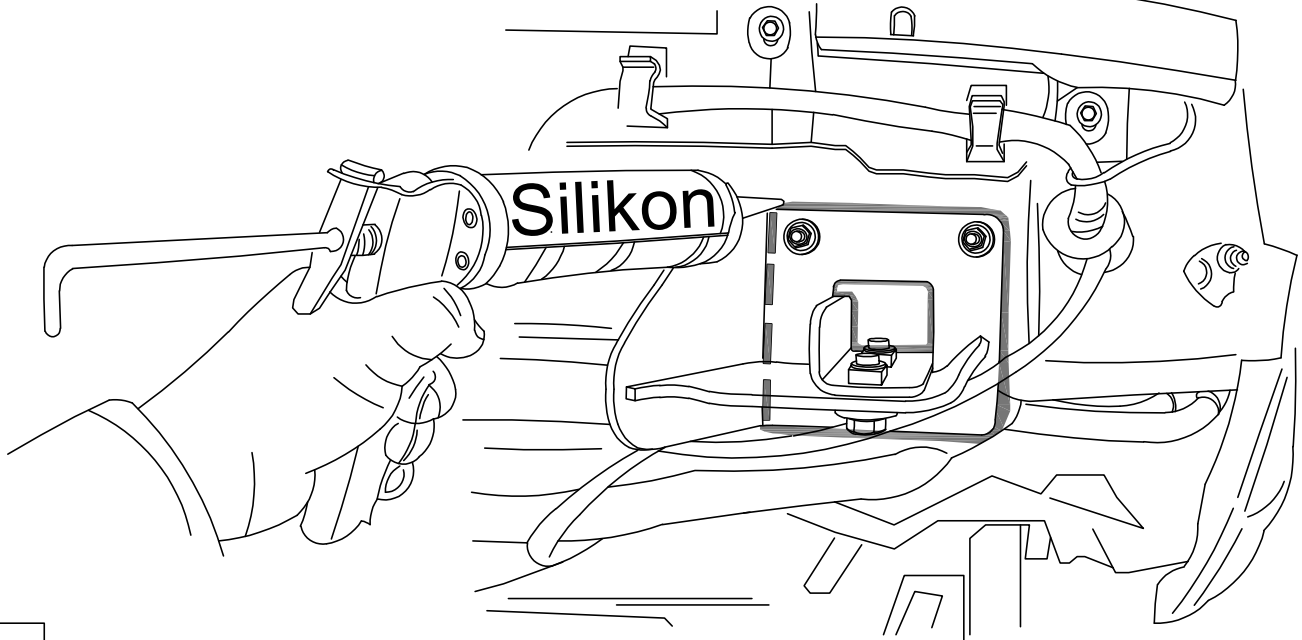
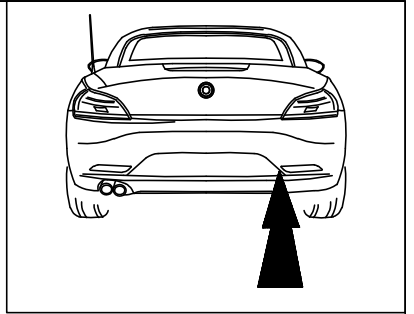


31



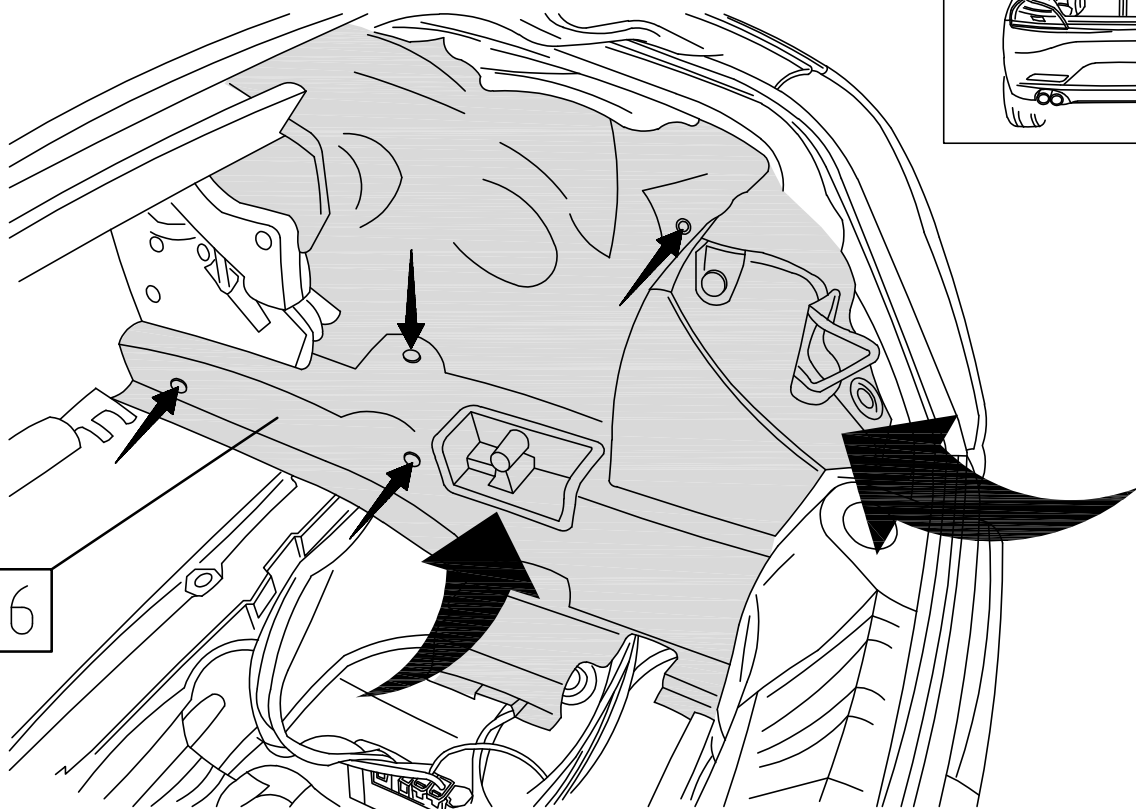
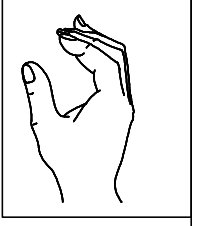
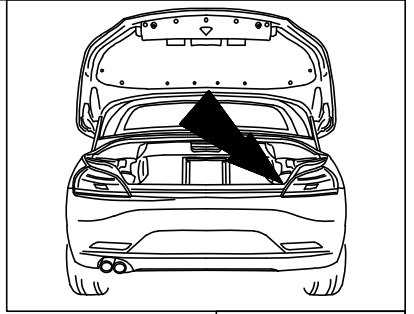
32





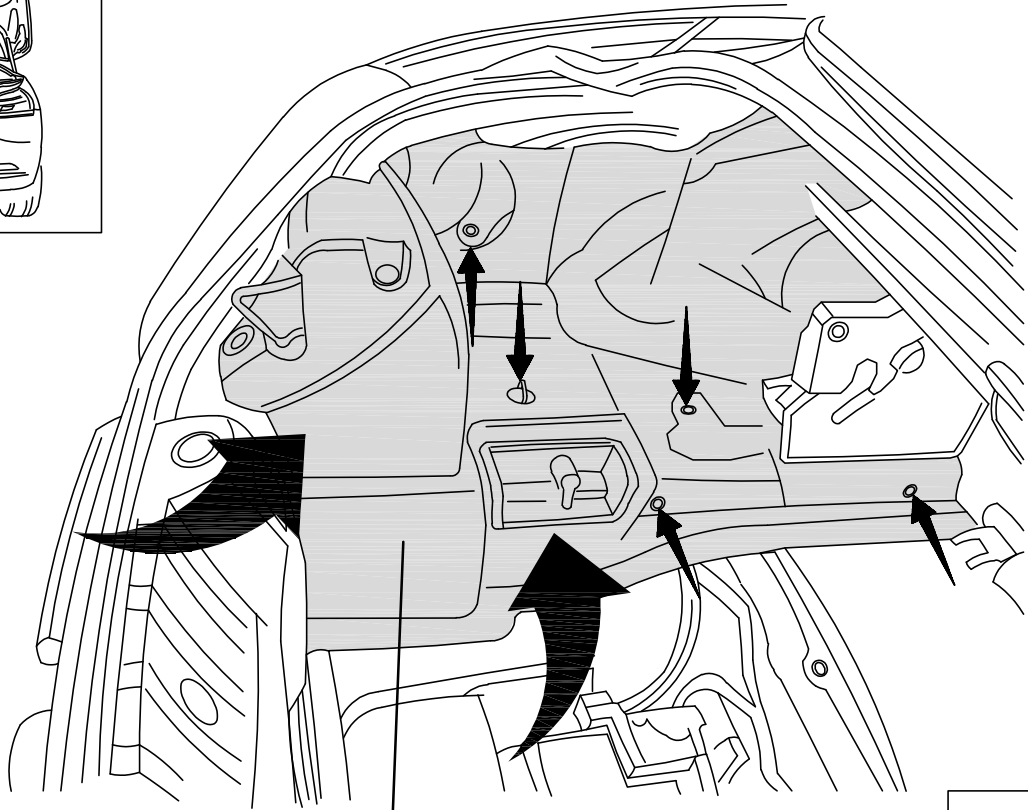
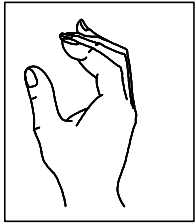
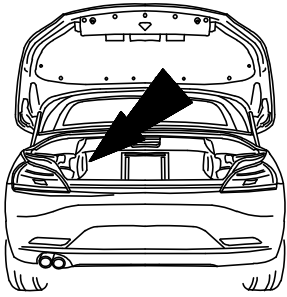
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7

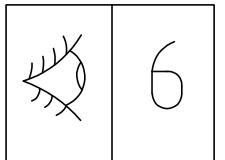


34



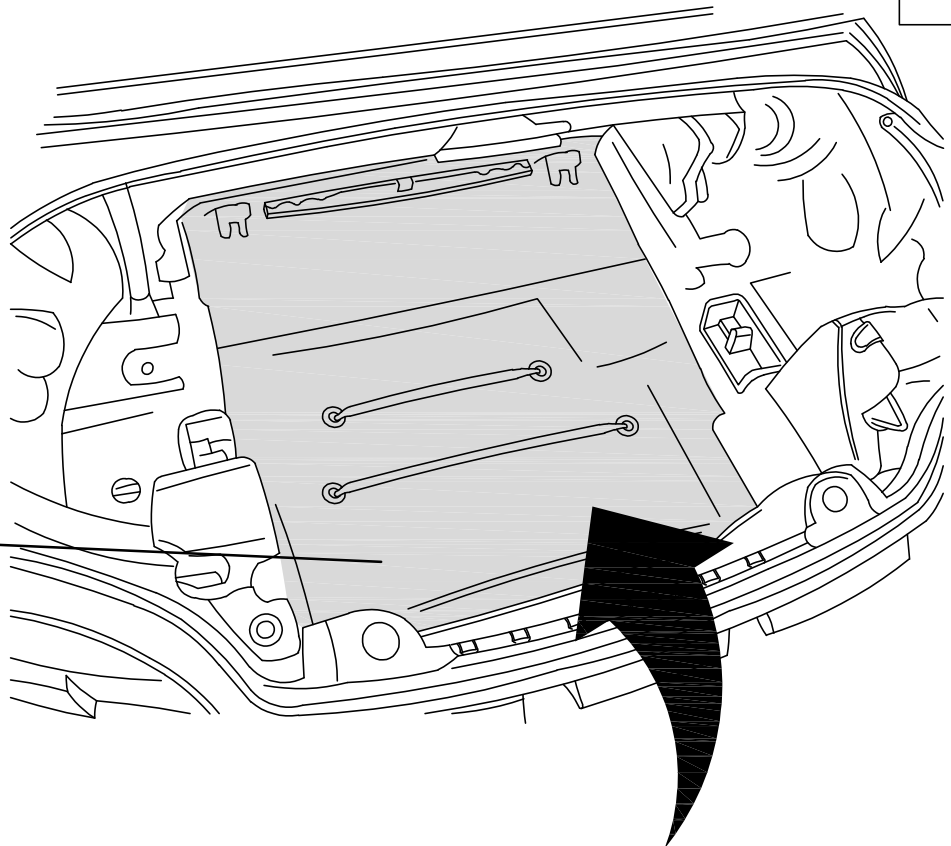
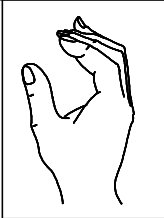
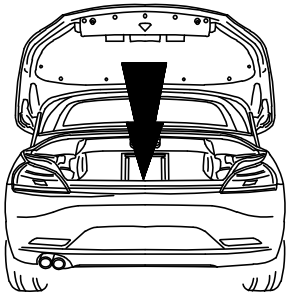


X5



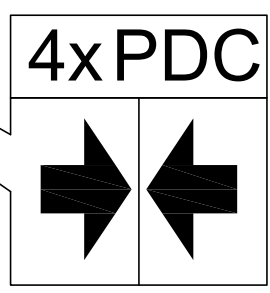
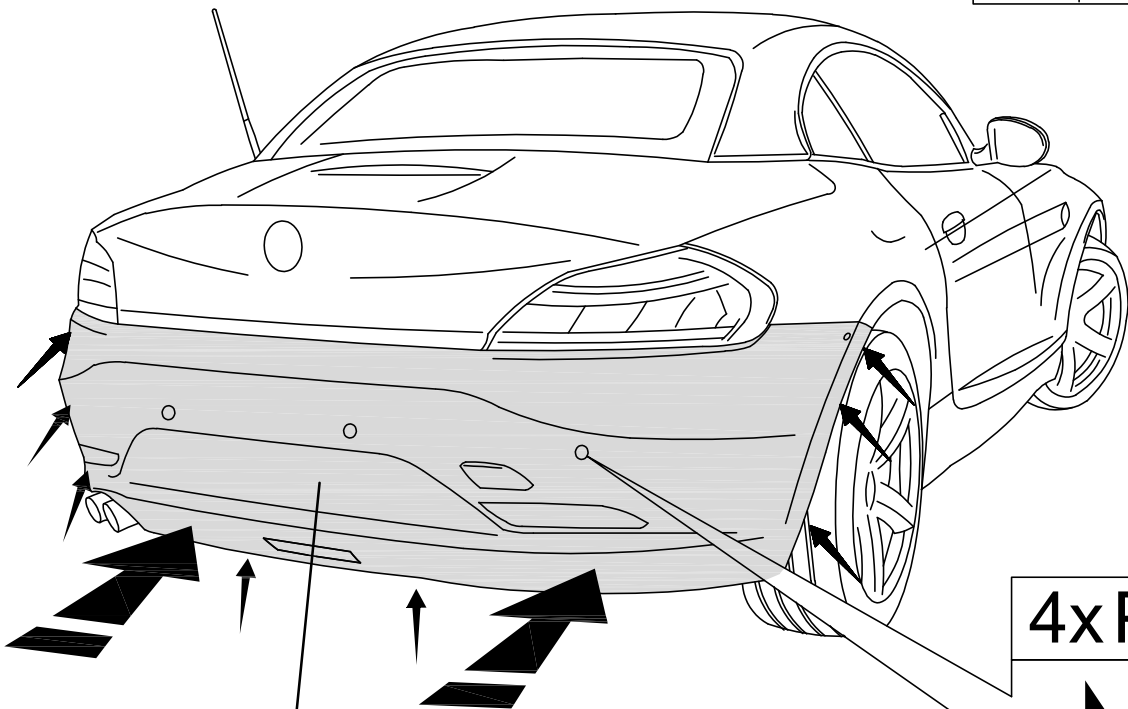
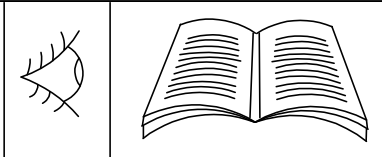
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35

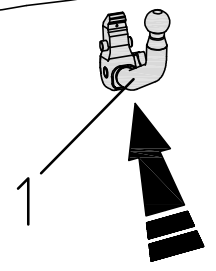
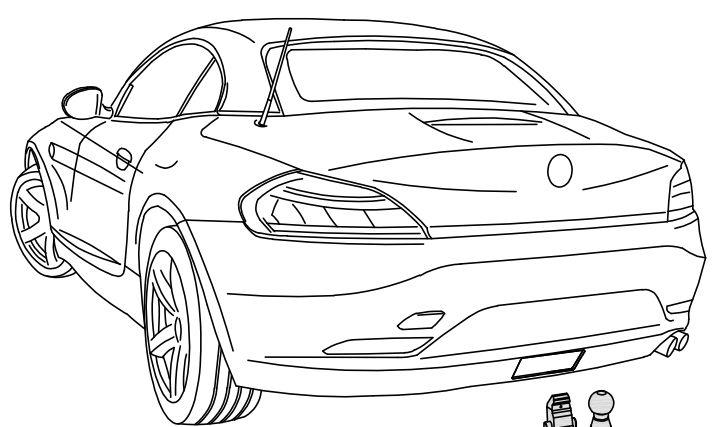
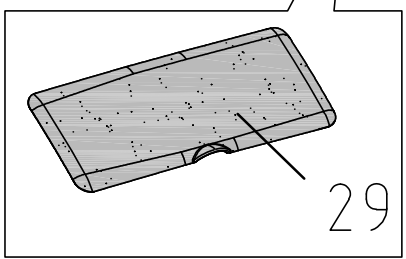
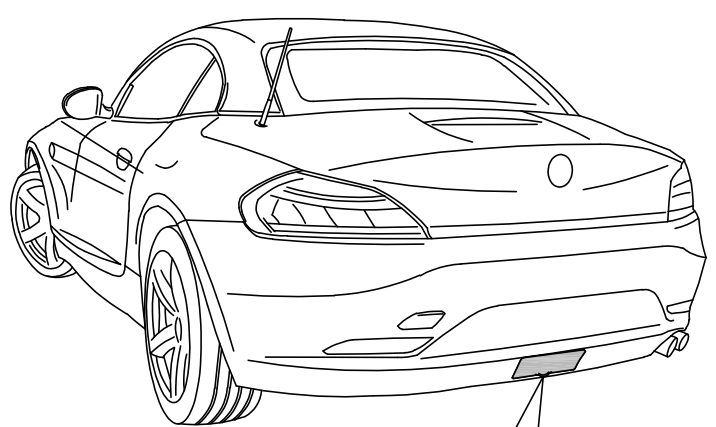
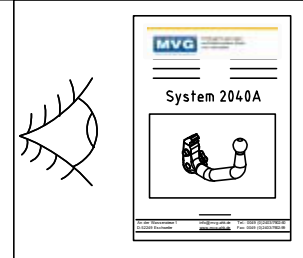
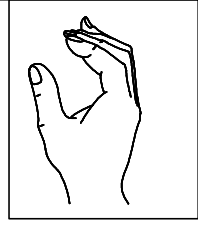
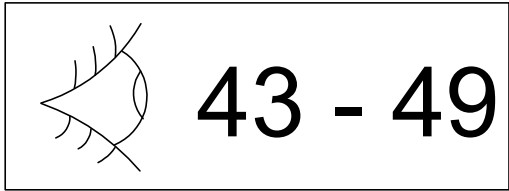


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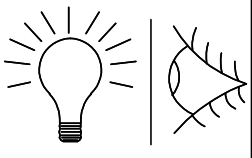
36



37



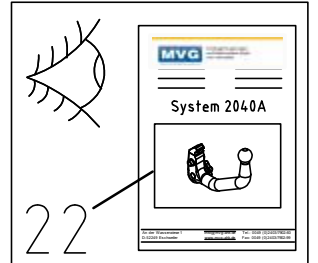
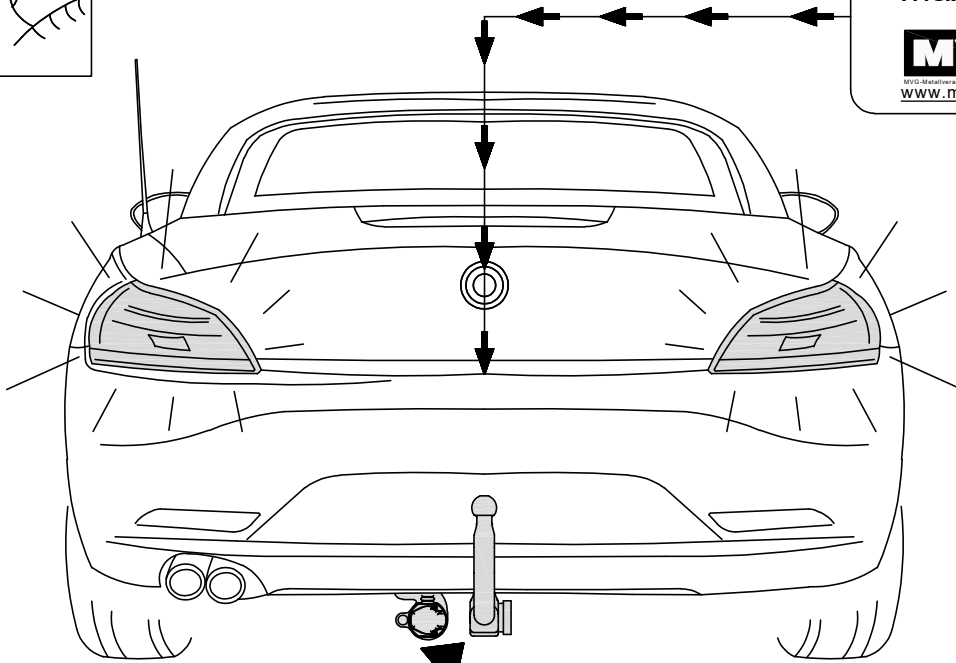
38



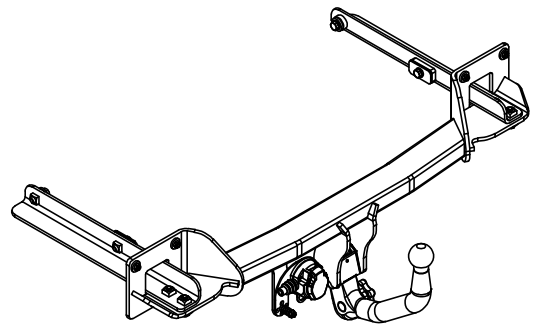
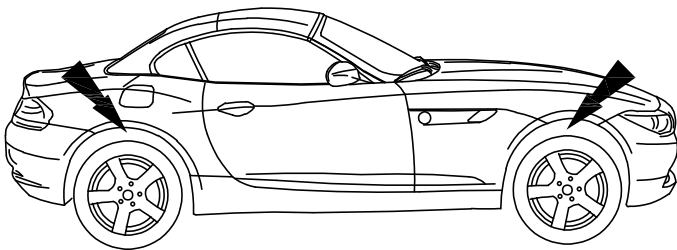
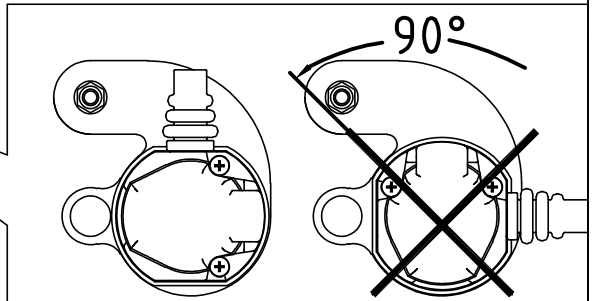
Zulässige Stützlast maximal 75 kg



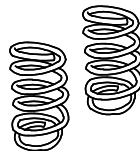
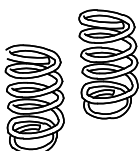
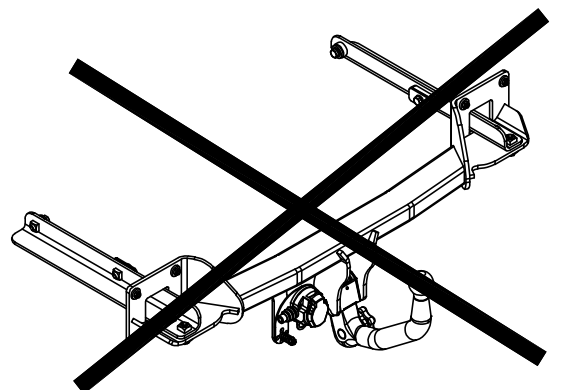
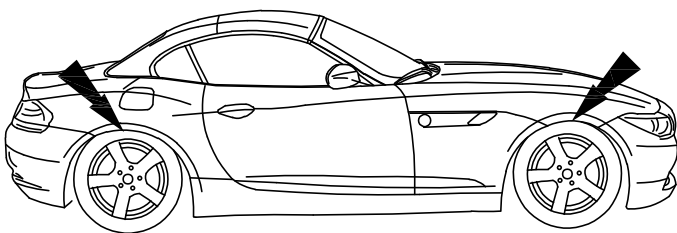
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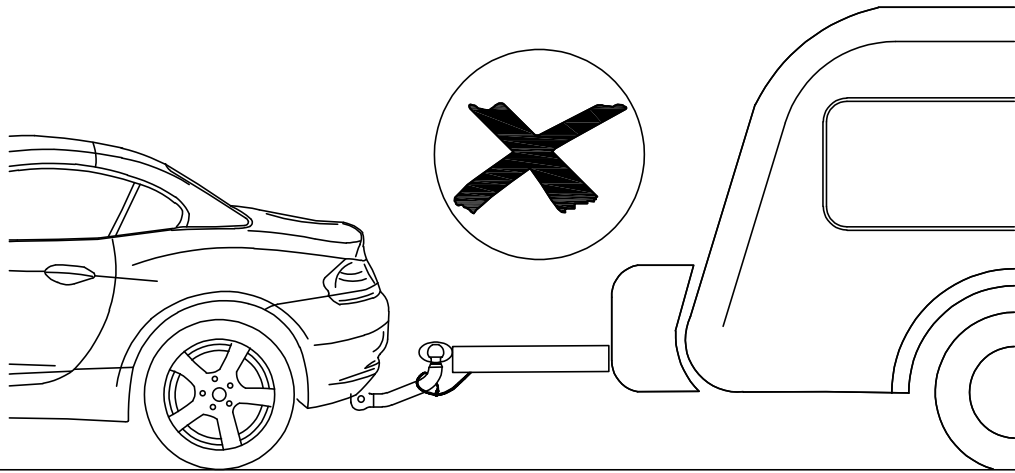
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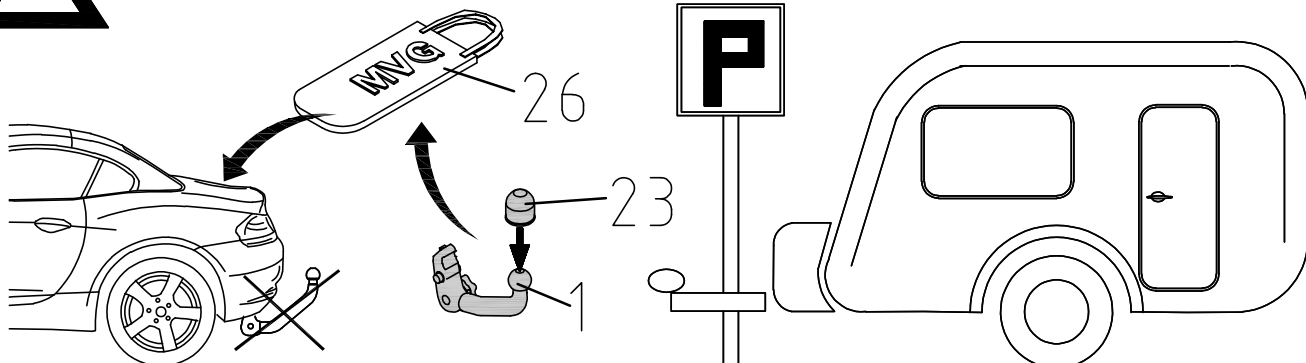
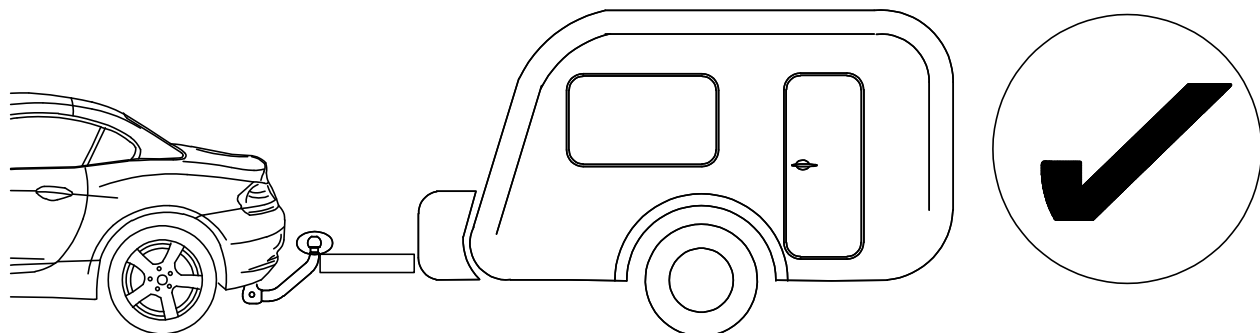
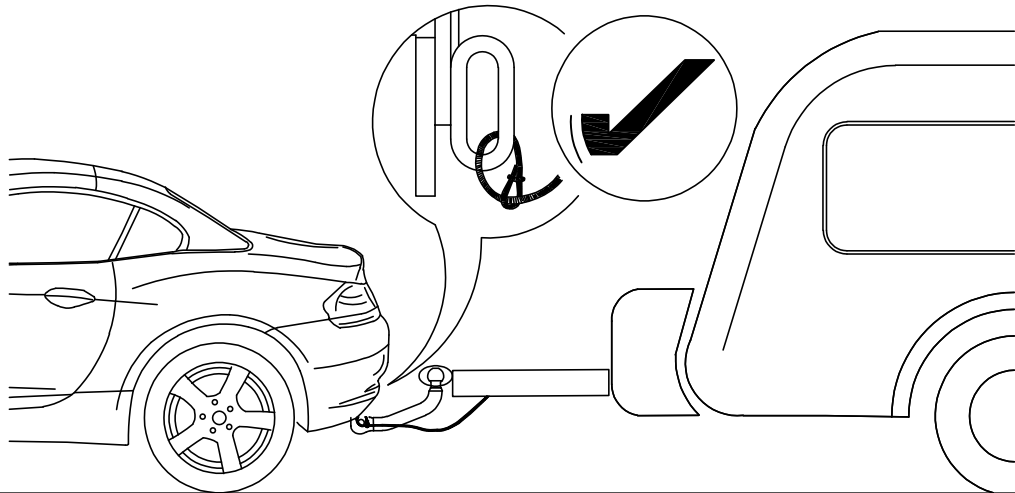
Best. Nr.: 1543 C



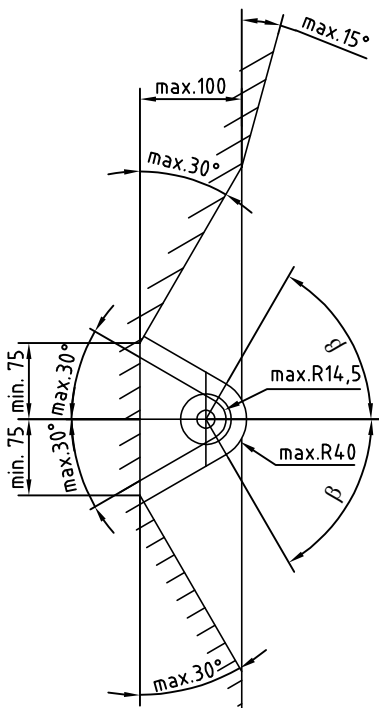
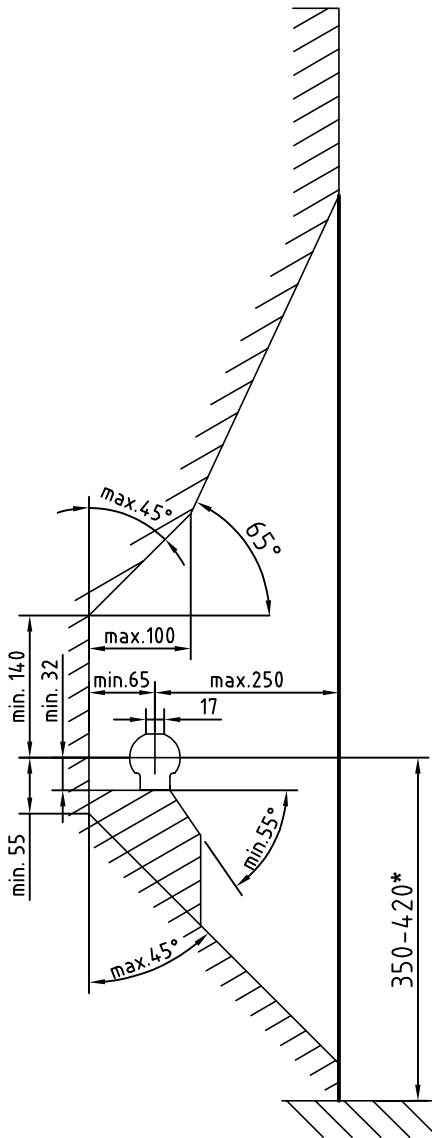
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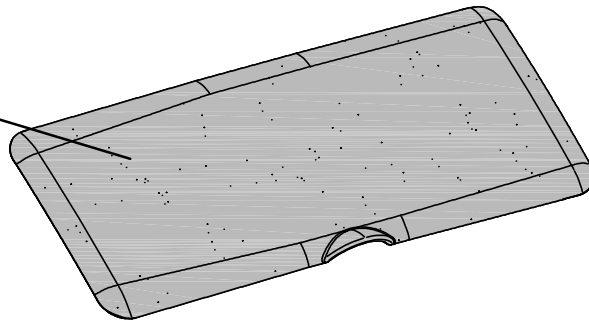


- D** Der Freiraum nach Anhang 7, Abbildung 25a und 25b der Richtlinie ECE-R 55 ist zu gewährleisten.
- CZ** Volný prostor ve smyslu Přílohy 7, obr. 25a a 25b směrnice ECE-R 55 musí být zaručen.
- DK** Det skal sikres, at der er spillerum i overensstemmelse med bilag 7, fig. 25a og 25b i henhold til direktiv ECE-R 55.
- E** Hay que garantizar el espacio libre conforme al anexo 7, fig. 25a y 25b de la directiva ECE-R 55.
- F** La zone de dégagement, selon l'annexe 7, figure 25a et 25b de la directive ECE-R 55, doit être assurée.
- FIN** Välyksen tulee täyttää ohjeen ECE-R 55 liitteen 7 kuvissa 25a ja 25b ilmoitetut vaatimukset.
- GB** Make sure to provide clearance according to appendix 7, figures 25a and 25b of the ECE-R 55 regulations.
- GR** Πρέπει να εξασφαλιστεί ο ελεύθερος χώρος σύμφωνα με το παράρτημα 7, σχήμα 25a και 25b της κοινοτικής οδηγίας ECE-R 55.
- H** Biztosítani kell az ECE-R 55 irányelv szerinti, 7. számú függelék, 25a. és 25b ábrákban jelölt szabad teret.
- I** Deve essere garantito lo spazio libero secondo l'allegato 7, figure 25a e 25b della normativa europea ECE-R 55.
- N** Det må sørges for fritt rom i samsvar med tillegg 7, figur 25a og 25b i direktiv ECE-R 55.
- NL** De vrije ruimte volgens supplement 7, afbeelding 25a en 25b van richtlijn ECE-R 55 moet gewaarborgd zijn.
- PL** Należy zapewnić wolną przestrzeń zgodnie z załącznikiem 7, rys. 25a i 25b, dyrektywy ECE-R 55.
- RUS** Оставлять свободное пространство согласно Приложению 7, рис. 25a и 25b Директивы ECE-R 55.
- S** Spelrummet enligt bilaga 7, bild 25a och 25b i riktlinje ECE-R 55, måste garanteras.

- D** \* bei zulässigem Gesamtgewicht des Fahrzeuges
- CZ** \* při celkové přípustné hmotnosti vozidla
- DK** \* ved tilladt totalvægt for køretøjet
- E** \* con peso total autorizado del vehículo
- F** \* pour poids total en charge autorisé du véhicule
- FIN** \* Ajoneuvon suurimmalla sallitulla kokonaispainolla
- GB** \* at gross vehicle weight rating
- GR** \* για το επιτρεπτό μικτό βάρος του οχήματος
- H** \* A jármű megengedett összsúlya esetén
- I** \* per il peso complessivo ammesso del veicolo
- N** \* ved kjøretøyets tillatte totalvekt
- NL** \* bij toegestaan totaal gewicht van het voertuig
- PL** \* przy dopuszczalnym ciężarze całkowitym pojazdu
- RUS** \* при допустимом общем весе автомобиля
- S** \* vid fordonets tillåtna totalvikt

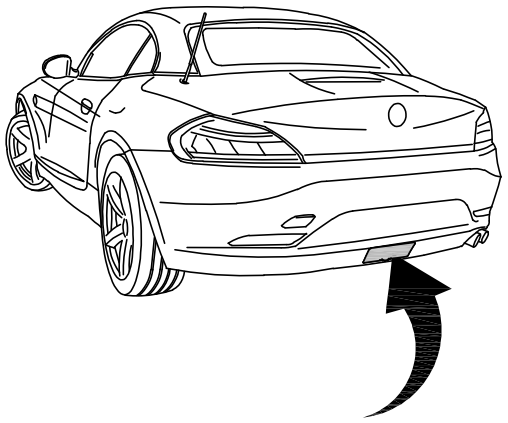
- D** Die Anhängervorrichtung ist ein Sicherheitsteil und darf nur von Fachunternehmen montiert werden. Bei falscher Montage besteht schwere Unfallgefahr! Der deutsche Text dieser Anleitung ist bindend.
- CZ** Tažné zařízení je bezpečnostní součást, kterou smí montovat pouze odborné podniky. Při chybné montáži hrozí vážné nebezpečí nehody! Německý text tohoto návodu je závazný.
- DK** Anhængertrækket er en sikkerhedsdel og må kun monteres af autoriserede firmaer. Ved forkert montering er der fare for alvorlige ulykker! Den tyske tekst i denne vejledning er bindende.
- E** La bola de enganche es un elemento de seguridad y sólo se debe permitir su montaje a personal cualificado. ¡En caso de montaje erróneo existe peligro de accidentes graves! Es vinculante el texto alemán de estas instrucciones.
- F** Le dispositif d'attelage est un équipement de sécurité et doit être mis en place exclusivement par un atelier spécialisé. Un montage incorrect représente un risque élevé d'accident! Le texte allemand de cette notice fait foi.
- FIN** Vetolaite on turvallisuuksen vaikuttava osa, jonka saa asentaa vain alan erikoisliike. Virheellinen asennus voi aiheuttaa vakavan onnettomuuden! Tämän ohjeen saksankielinen teksti on sitova.
- GB** A trailer hitch is a safety-critical part and may be fitted only by qualified companies. Improper assembly may result in a serious accident hazard! The German text of this instruction is binding.
- GR** Ο κοτσαδόρος είναι ένα εξάρτημα ασφαλείας και η τοποθέτηση του επιτρέπεται να γίνεται μόνο από εξειδικευμένο συνεργείο. Σε περίπτωση λάθους τοποθέτησης υπάρχει κίνδυνος σοβαρών ατυχημάτων! Το γερμανικό κείμενο αυτών των οδηγιών είναι δεσμευτικό.
- H** A vonószerkezet egy biztonságos felszerelés, amelyet csak szaküzem szerelhet fel. Helytelen szerelés súlyos balesethez vezethet! A német szerelési utasítás betartása kötelező.
- I** Il gancio di traino è un componente di sicurezza e deve essere montato esclusivamente da personale specializzato. In caso di montaggio errato sussiste il pericolo di incidenti gravi! È vincolante il testo tedesco di queste istruzioni.
- N** Tilhengerfestet er en sikkerhetskomponent og skal monteres av fagbedrift. Det er stor fare for at det kan oppstå ulykker ved feil montering! Den tyske teksten i denne veiledningen er bindende.
- NL** De aanhanger is veiligheidsonderdeel en mag alleen door vakkundig personeel worden gemonteerd. Bij verkeerde montage bestaat ernstig gevaar voor ongevallen! De Duitse tekst van deze handleiding is bindend.
- PL** Hak holowniczy stanowi element bezpieczeństwa i może zostać zamontowany wyłącznie przez firmę specjalistyczną. W przypadku nieprawidłowego montażu istnieje poważne ryzyko wypadku! Tekst niniejszej instrukcji w języku niemieckim jest wiążący.
- RUS** Сцепное устройство - это узел, несущий предохранительные функции, и к его монтажу допускаются только специалисты. При неправильном монтаже грозит опасность тяжелых травм! Обязательным является немецкий текст данной инструкции.
- S** Dragkroken är en säkerhetskomponent och bör endast monteras av kvalificerade tekniker. Vid felaktig montering föreligger risk för allvarliga olyckor! Den tyska texten i denna anvisning är bindande.

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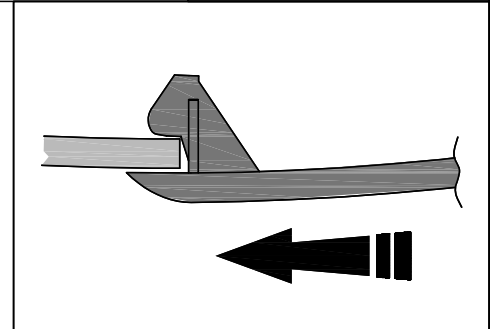
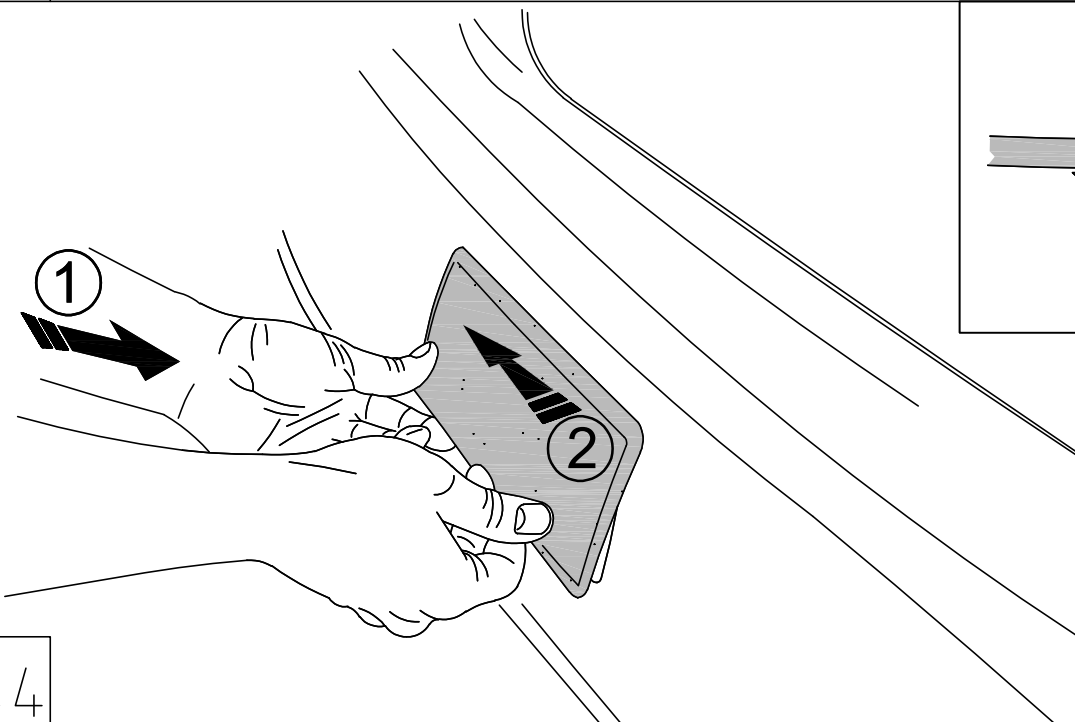
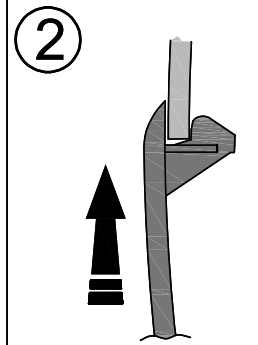
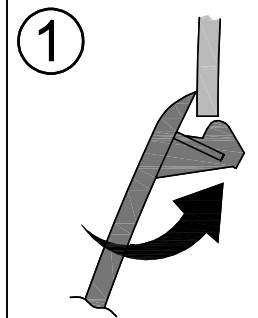
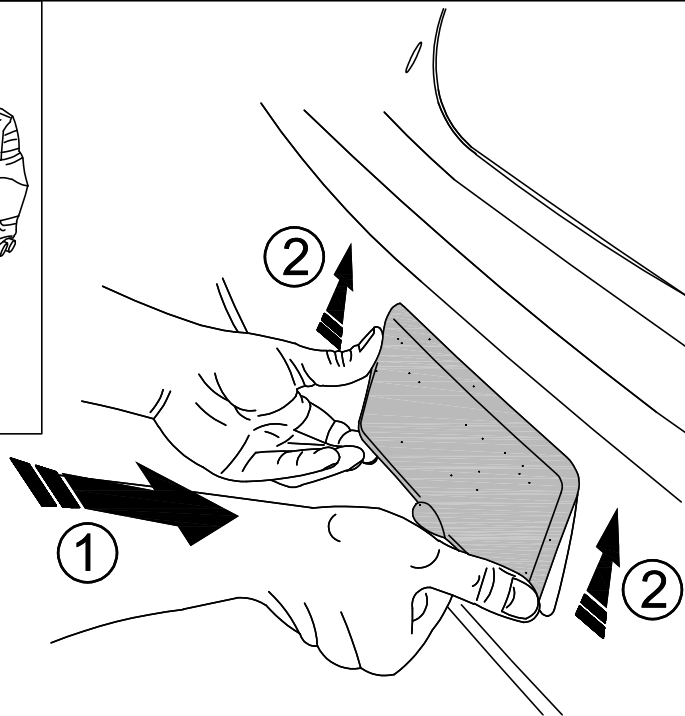
- E Instrucciones de montaje
- D Einbauanleitung
- GB Installation instruction
- F Notice de montage

- NL Inbouw-instructie
- S Monteringsanvisning
- CZ Návod k montáži
- I Istruzioni di montaggio

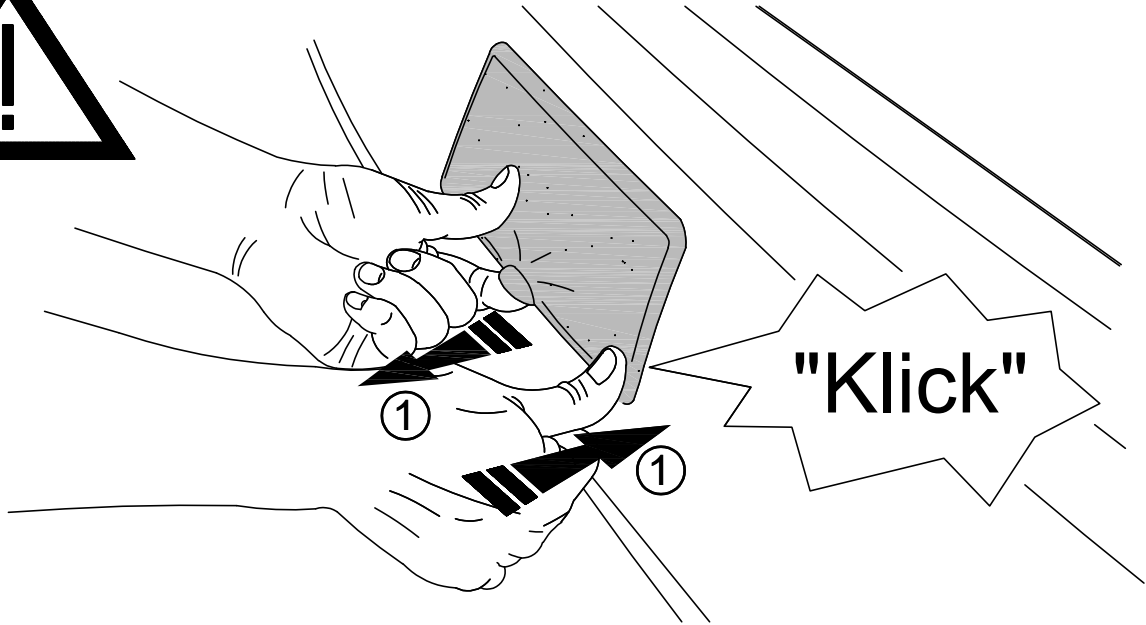


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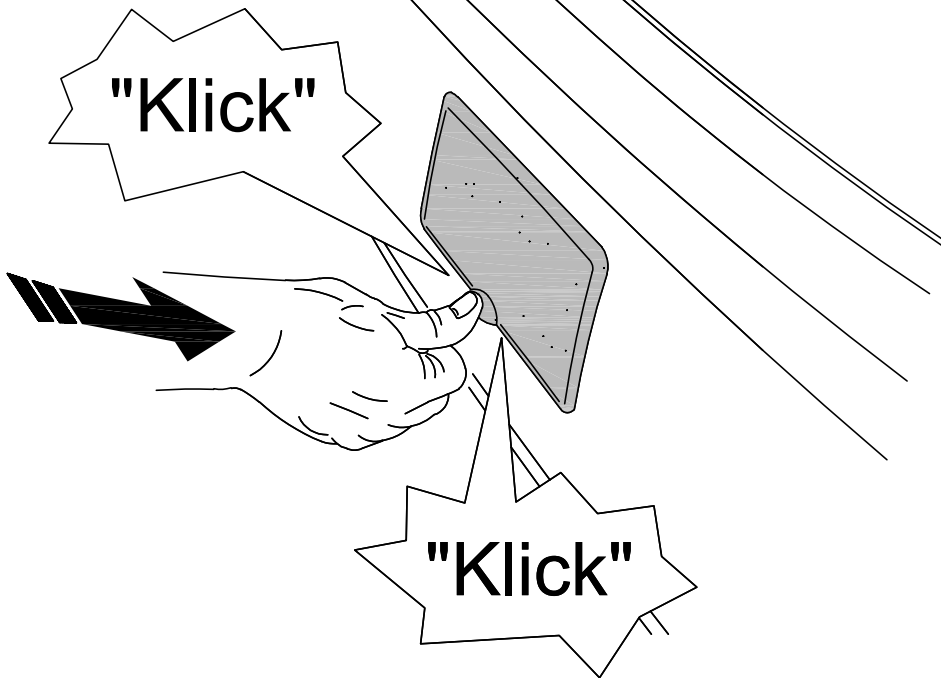
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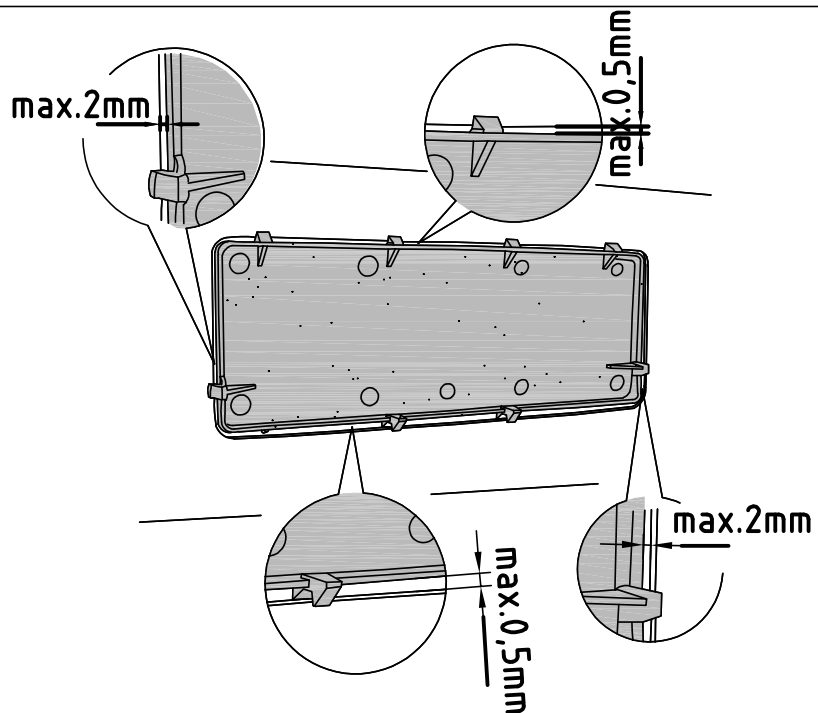
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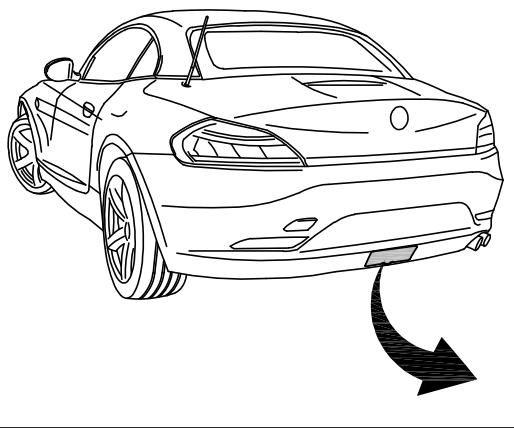


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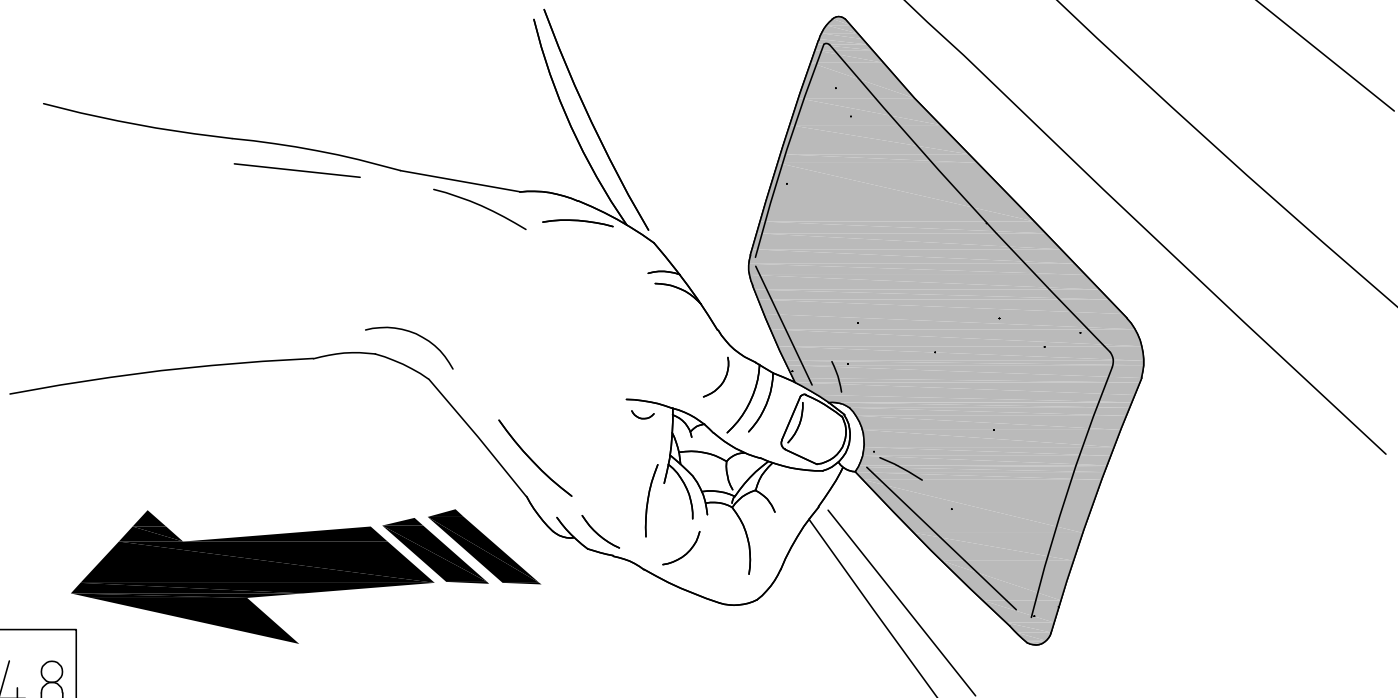


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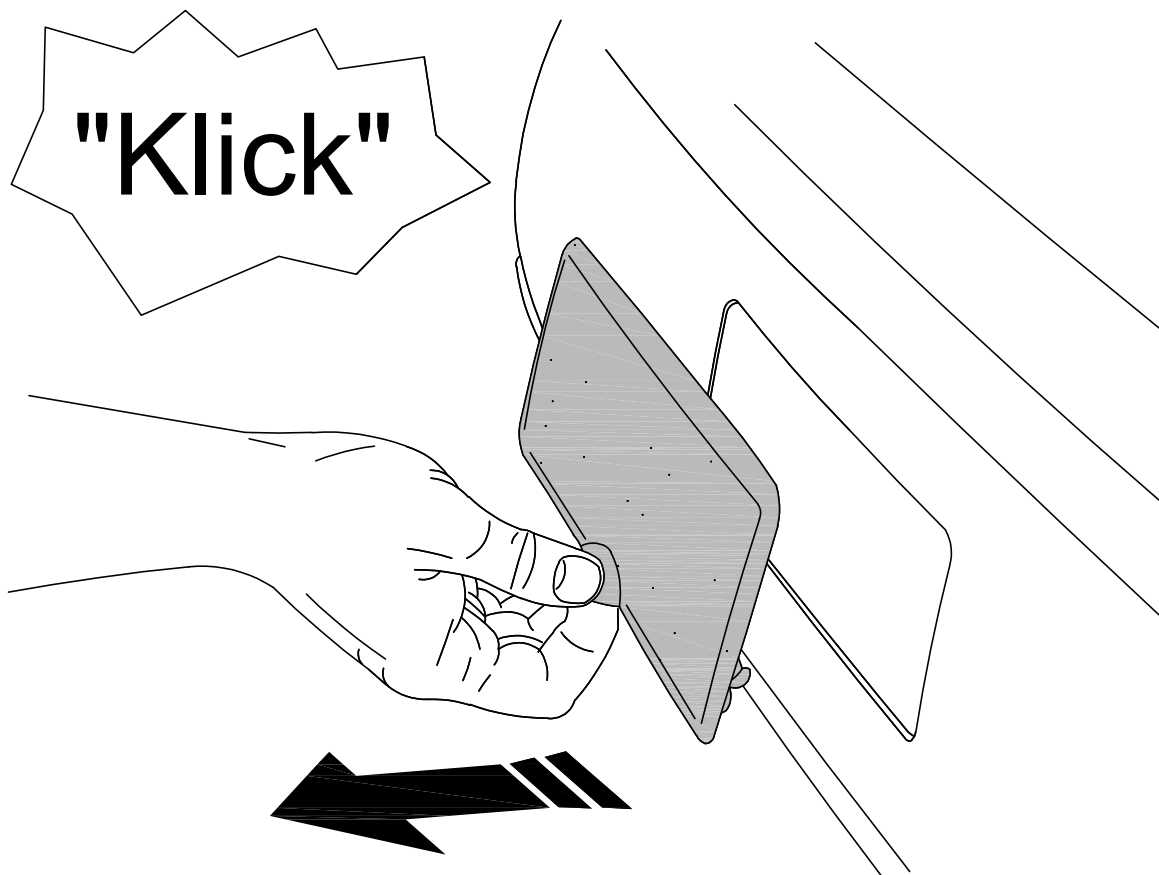




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