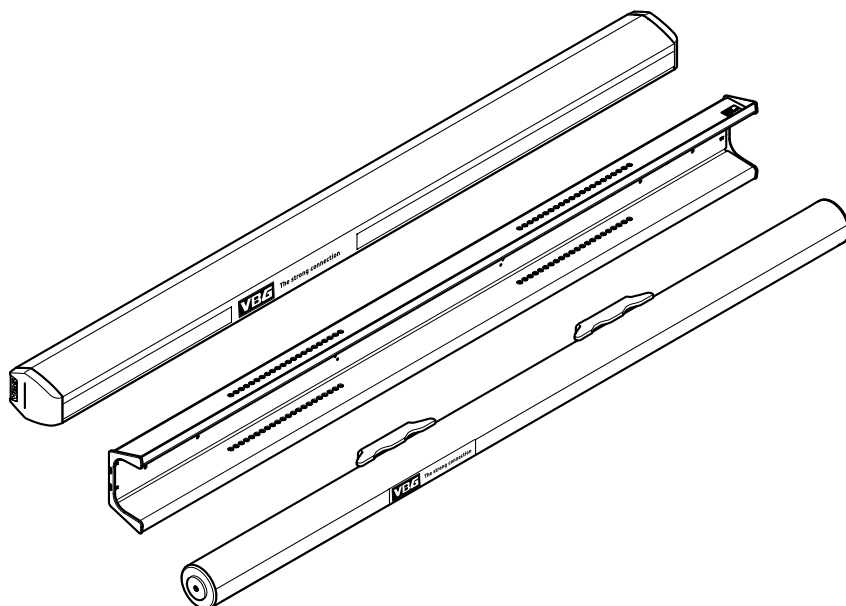


MOUNTING INSTRUCTION

2022-05-09

38-324100g



DE VBG Unterfahrschutz

DK VBG Kofangere

EE VBG Allasõidutõke

FI VBG Alleajosuoja

FR VBG Pare-chocs surbaissé

GB VBG Underrun Protection

LV VBG Apakšā pabraukšanas aizsargstienis

NL VBG Onderrijbeveiliging

NO VBG Underkjøringshinder

PL VBG Tyłna listwa zabezpieczająca pojazd

RU VBG Нижняя защита

SE VBG Underkörningsskydd



Montageanleitung
Monteringvejledning
Paigaldusjuhend
Asennusohje

Instructions de montage
Mounting instruction
Montāžas instrukcija
Montagehandleiding

Monteringsanvisning
Instrukcja montażowa
Указания по монтажу
Monteringsanvisning



VBG anleitung
VBG's anvisning
VBG juhised
VBG:n ohjeet

Indications VBG
VBG's instruction
VBG's instrukcija
Instructie VBG

VBG's anvisning
VBG's instrukcja
Указание VBG
VBGs anvisning

DE

Allgemeines

Voraussetzung für die Erteilung der Typzulassung des Fahrzeugs ist die Montage gemäß VBGs Anweisungen. *Identifizieren Sie vor der Montage alle Teile. Montage und Wartung müssen genau und fachmännisch durchgeführt werden. Befolgen Sie die Anweisungen.* Die Anweisungen und etwaigen Rahmen-verstärkungen des Fahrzeugherstellers müssen beachtet werden. Übergeben Sie alle Anweisungen und Anleitungen dem Kunden, damit dieser die Unterlagen für spätere Wartung und Pflege im Fahrzeug verwahren kann. Weitere Informationen finden Sie auf unserer Homepage: www.vbg.eu.

*Kategorie „G“ hat andere Montagepositionen als in Tabelle A angegeben. VBG GROUP TRUCK EQUIPMENT AB behält sich technische Änderungen vor.

DK

Generelt

For at opnå typegodkendelse af køretøjet kræves det, at montering er sket i overensstemmelse med VBG's vejledninger. *Identificér alle dele før montering. Montering og service skal udføres på en omhyggelig og fagligt korrekt måde. Følg vejledningen.* Bemærk, at køretøjsproducentens vejledninger og eventuelle rammeforstærkninger skal følges. Giv kunden alle anvisninger og instruktioner, så de kan opbevares i bilen med henblik på fremtidig service og vedligeholdelse. Yderligere information findes på vores hjemmeside www.vbg.eu.

*Kategori "G" har andre monteringspositioner end dem, der er anført i tabel A.

VBG GROUP TRUCK EQUIPMENT AB forbeholder sig retten til konstruktionsændringer.

EE

Üldist

Sõidukile tüübikinnituse saamiseks peab paigaldus toimuma vastavalt VBG juhiste. Määratlege kõik osad enne monteerimist. Paigaldus ja hooldus tuleb teostada hoolikalt ja professionaalselt. Järgige juhiseid. Pange tähele, et arvesse tuleb võtta ka sõiduki tootja juhiseid ja võimalikke ettekirjutusi raamitugevduste osas. Andke juhi käsiraamat kliendile kaasa sõidukis säilitamiseks, et see oleks käepärast hilisemate hoolduste korral. Täiendava teabe saamiseks külastage meie kodulehte www.vbg.eu.

* Kategoorias „G“ on teised monteerimisasendid kui tabelis A loetletud.

VBG GROUP TRUCK EQUIPMENT AB jätab endale õiguse konstruktioonimuudatusteks.

FI

Yleistä

Ajoneuvon tyyppihyväksyntä edellyttää, että asennus on suoritettu VBG:n antamien ohjeiden mukaisesti. *Tunnista kaikki osat ennen asennusta. Asennus ja huolto on suoritettava huolellisesti ja ammattimaisesti. Noudata ohjeita.* Huomaa, että ajoneuvonvalmistajan ohjeita ja mahdollisia rungonvahvistuksia on huomioitava. Luovuta kaikki ohjeet asiakkaille ajoneuvossa säilytettäväksi tulevia huoltoja ja kunnossapittoa varten. Lisätietoja löytyy kotisivuiltamme www.vbg.eu.

*Kategoriassa "G" asennuspaikat ovat muut kuin taulukossa A.

VBG GROUP TRUCK EQUIPMENT AB pidättää oikeuden rakennemuutoksiin.

FR

Généralités

Afin d'obtenir un certificat de conformité pour le véhicule, le montage doit être effectué selon les instructions de VBG. *Identifier toutes les pièces avant le montage. Le montage et l'entretien doivent être effectués avec le plus grand soin et selon des méthodes de professionnels. Suivre les instructions.* Observer que les instructions du constructeur du véhicule et les éventuels renforts du cadre doivent impérativement être respectés. Elle doit être conservée dans le véhicule pour les entretiens et maintenances ultérieurs. Pour plus d'informations, consultez notre site Web www.vbg.eu.
*La catégorie « G » a des positions de montage autres que celles indiquées dans le tableau A.

VBG GROUP TRUCK EQUIPMENT AB se réserve le droit de modifier sans préavis la conception de ses produits.

GB

Description

To achieve vehicle type approval all mounting has to be done in accordance with VBG Instructions. *Identify all parts before use. Installation and maintenance should be carried out in the correct and approved way. Always follow the instructions.* The truck manufacturers body building instructions must be observed. All directives and instructions should be kept in the vehicle for future service and maintenance. For more information, go to our website: www.vbg.eu.

*Category "G" offers mounting positions other than those presented in Table A.

VBG GROUP TRUCK EQUIPMENT AB reserve the right to change design specifications without prior notice.

LV

Vispārīga informācija

Lai nodrošinātu atbilstību standarta prasībām, montāžu nepieciešams veikt atbilstoši VBG norādījumiem. *Pirms montāžas identificējiet visas detaļas. Montāža un serviss ir jāveic rūpīgi un profesionāli. Sekojiet norādījumiem.* Iegaumējiet, ka ir jārespektē transportlīdzekļa ražotāja norādījumi un iespējamie rāmja pastiprinājumi. Visus norādījumus un instrukcijas, kas būs nepieciešamas servisam un apkopei, nododiet klientam, lai tās tiktu uzglabātas transporta līdzeklī. Lai saņemtu vairāk informācijas, skatiet mūsu mājaslapu www.vbg.eu

* Kategorijai "G" ir montāžas pozīcijas, kas nav uzskaitītas A tabulā.

VBG GROUP TRUCK EQUIPMENT AB saglabā tiesības izdarīt izmaiņas izstrādājumu konstrukcijās.

NL

Algemeen

Om typegoedkeuring voor het voertuig te krijgen, moet de montage zijn uitgevoerd volgens de instructies van VBG. Voor de montage moet u alle onderdelen identificeren. Voer montage en service zorgvuldig en deskundig uit. Volg de instructies. Let op dat rekening moet worden gehouden met de aanwijzingen van de voertuigfabrikant en eventuele frameverstevingen. Laat de klant alle aanwijzingen en instructies in het voertuig bewaren, zodat deze voor toekomstige service en onderhoud beschikbaar zijn. Ga voor meer informatie naar onze website www.vbg.eu.

*Categorie "G" heeft andere montageposities dan die vermeld staan in tabel A.

VBG GROUP TRUCK EQUIPMENT AB behoudt zich het recht voor op constructiewijzigingen.

NO

Generelt

For å opprettholde typegodkjenningen kreves at monteringen utføres ifølge VBG's anvisninger. *Identifiser alle deler før montering. Montering og service skal utføres nøyaktig og fagmessig. Følg anvisningene.* Noter at det må tas hensyn til bil-frabrikantens anvisninger og eventuelle rammeforsterkninger. Overlever alle anvisninger og instruksjoner til kunden for oppbevaring i kjøretøyet for fremtidig service og vedlikehold. Gå til hjemmesiden vår, www.vbg.eu, for mer informasjon.

*Kategori «G» har andre monteringsposisjoner enn angitt i tabell A.

VBG GROUP TRUCK EQUIPMENT AB forbeholder seg retten til konstruksjonsendringer.

PL

Informacje ogólne

W celu uzyskania certyfikatu homologacyjnego dla pojazdu wymagane jest, aby montaż został przeprowadzony zgodnie z instrukcją VBG. *Zapoznaj się z poszczególnymi częściami przed przystąpieniem do montażu. Czynności montażowe i serwisowe należy wykonywać dokładnie i fachowo. Stosuj się do instrukcji.* Zauważ, że konieczne jest stosowanie się do instrukcji producenta pojazdu oraz uwzględnienie ewentualnych wzmocnień ramy. Wszystkie wskazówki i instrukcje należy przekazać klientowi w celu przechowywania ich w pojeździe do wykorzystania przy okazji przyszłych czynności serwisowych i konserwacyjnych. Dodatkowe informacje znajdują się na naszych stronach internetowych www.vbg.eu. „Kategoria G” posiada inne pozycje montażowe niż te podane w tabeli A.

VBG GROUP TRUCK EQUIPMENT AB zastrzega sobie prawo wprowadzania zmian produktów bez uprzedzenia.

RU

Общая информация

Для получения типового подтверждения для транспортного средства, необходим монтаж устройства в соответствии с указаниями VBG. Перед монтажом проверьте наличие всех деталей. Монтаж и обслуживание должны осуществляться тщательно и профессионально. Следуйте указаниям. Помните, что необходимо принимать во внимание указания изготовителя транспортного средства и возможные усиления рамы конструкции. Передайте клиенту все указания и инструкции для хранения их в машине для обслуживания и сервисных работ в будущем. Для получения дополнительной информации, посетите наш веб-сайт www.vbg.eu. *Категория «G» имеет другие позиции для монтажа, нежели указанные в таблице A.

Компания VBG GROUP TRUCK EQUIPMENT AB сохраняет за собой право на изменения в конструкции.

SE

Allmänt

För att erhålla typgodkännande av fordonet krävs att montering skett enligt VBG:s anvisningar. *Identifiera alla delar före montering. Montering och service skall utföras noggrant och fackmannamässigt. Följ anvisningarna.* Notera att fordonstillverkarens anvisningar och eventuella ramförstärkningar måste beaktas. Lämna alla anvisningar och instruktioner till kunden att förvaras i fordonet för framtida service och underhåll. För mer information, gå in på vår hemsida www.vbg.eu.

*Kategori "G" har andra monteringspositioner än angivna i tabell A.

VBG GROUP TRUCK EQUIPMENT AB förbehåller sig rätten till konstruktionsförändringar.

UHAP-180 8

UOSP-180..... 10

UCSP-180 11

EUH-180 13

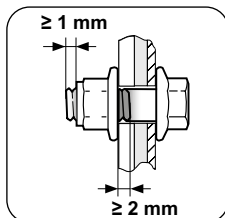
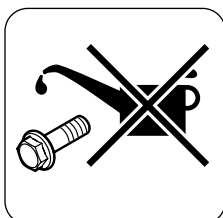
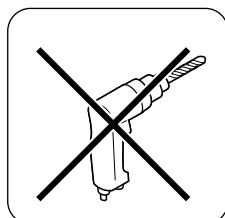
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EUT-180 15

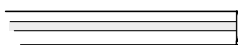
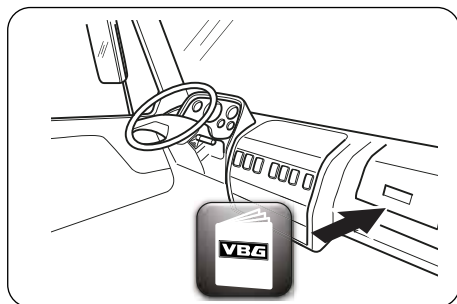
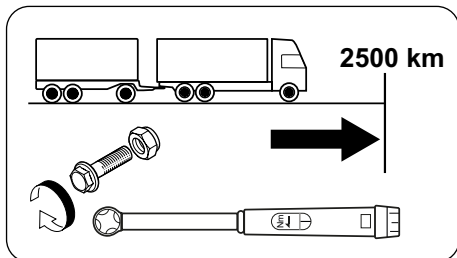
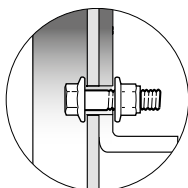
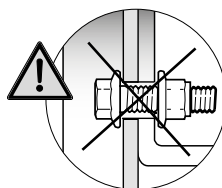
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EUP-180 MFC 18

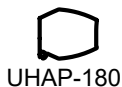
EUR-180 20



M14



E1 58R-03 0585
SBSA



UHAP-180

EUH-180, EUM-180, EDSU, EDHU,
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EUR-180, EUHC-180, EUMC-180

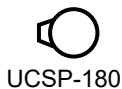
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UOSP-180

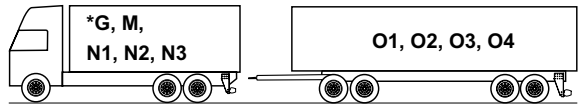
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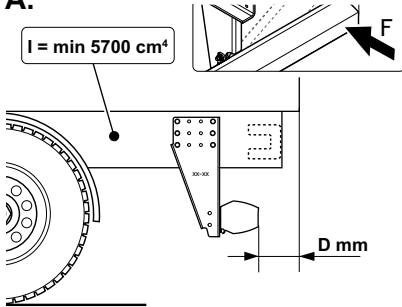


UCSP-180

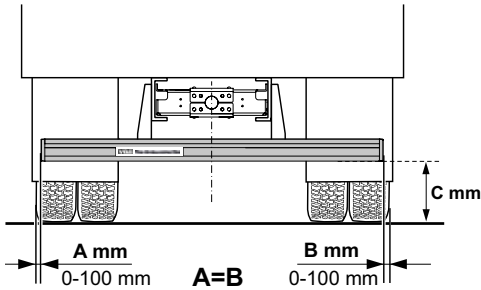
EUH-180, EUM-180, EDSU, EDHU,
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A.



D = Max	
300	 *G, N2 (>8T), N3 O3, O4
200	O3, O4
400 - δ	M, N1, N2 (<8T) O1, O2



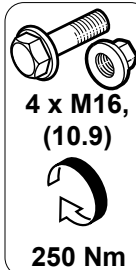
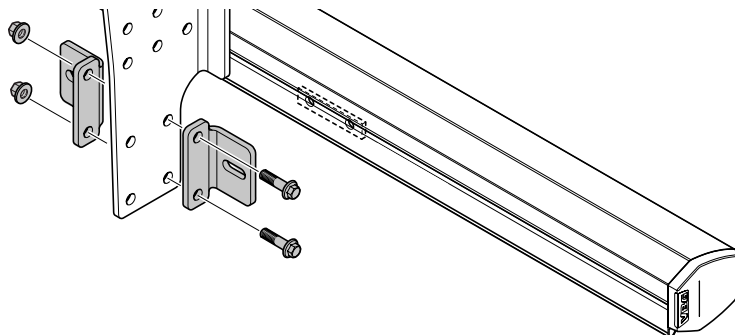
C mm			
446	380	432	 *G, N2 (>8T), N3 O3, O4
496	430	482	 *G, N2 (>8T), N3 O3, O4
546	480	532	M, N1, N2 (<8T) O1, O2



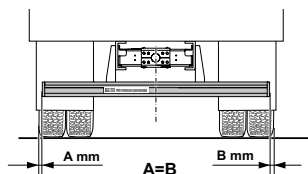
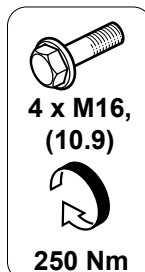
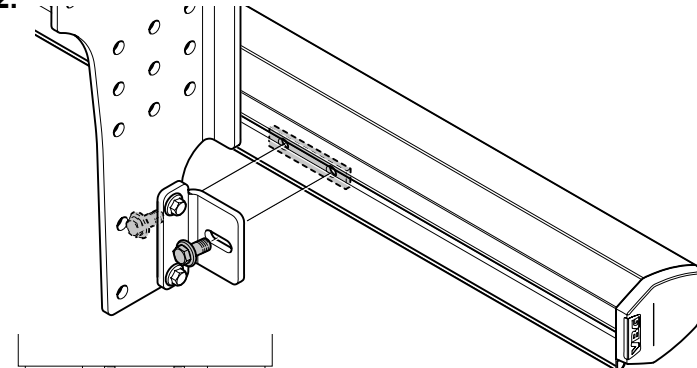
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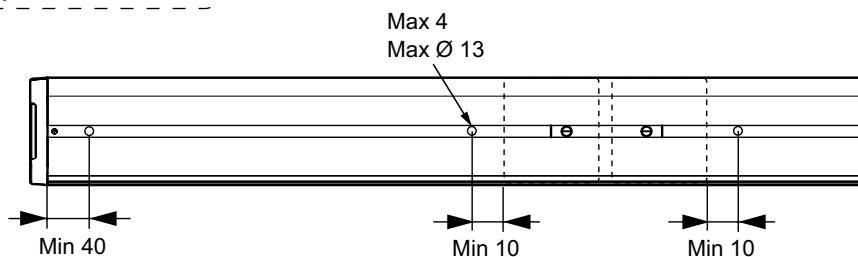
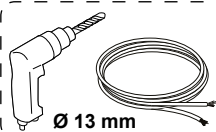
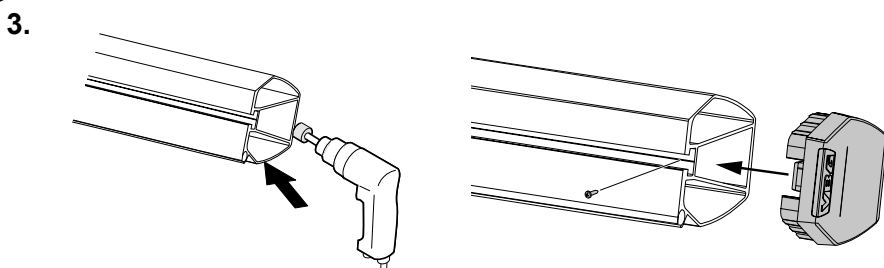
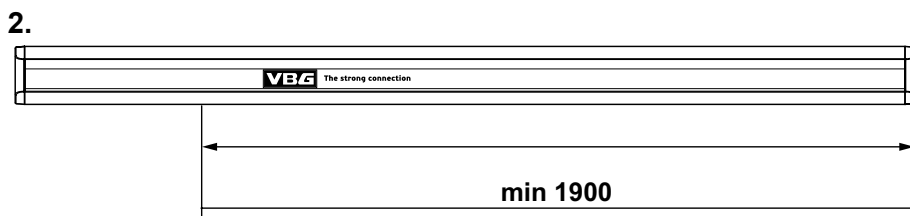
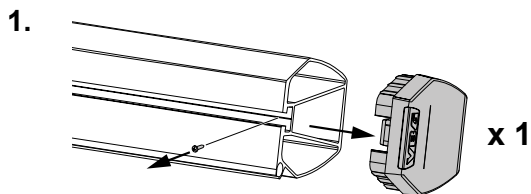
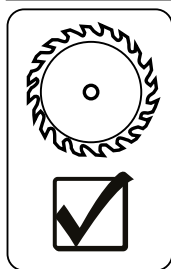


1.



2.



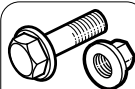
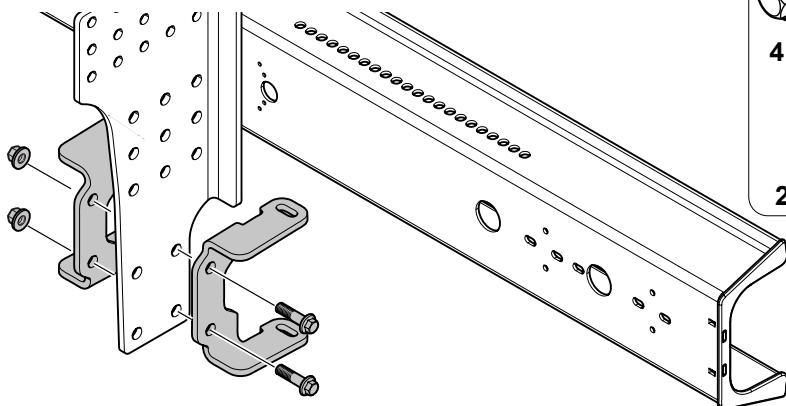




UOSP-180



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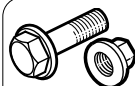
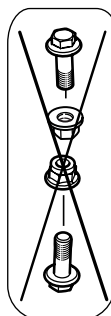
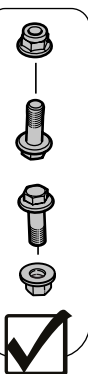
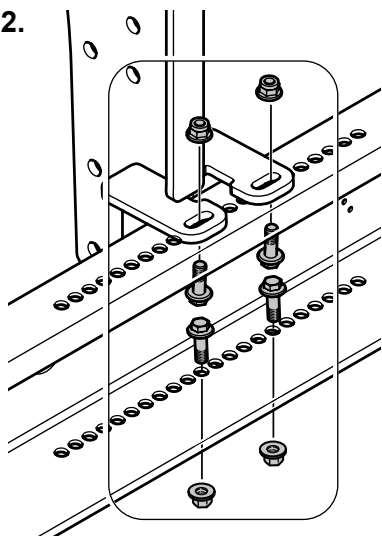


**4 x M16,
(10.9)**



250 Nm

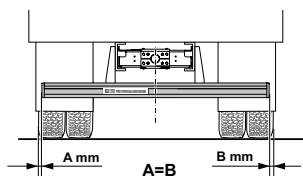
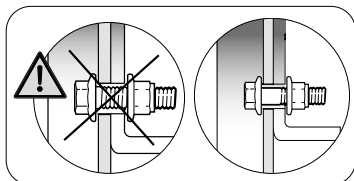
2.



**8 x M12,
(10.9)**



114 Nm

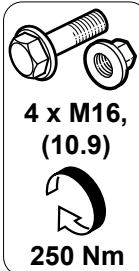
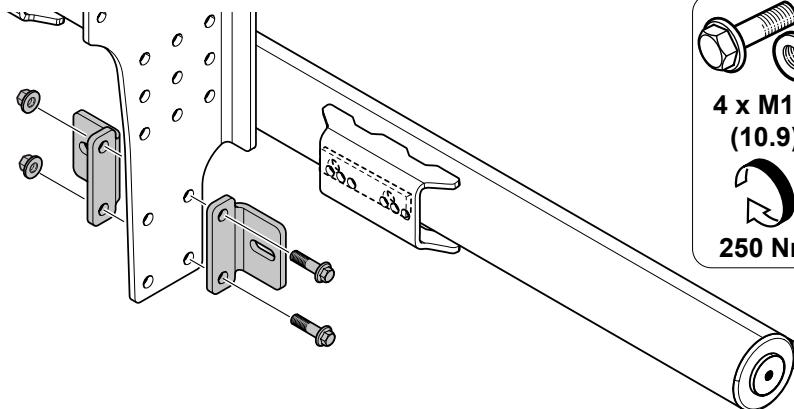




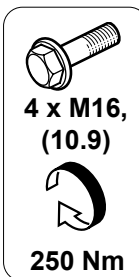
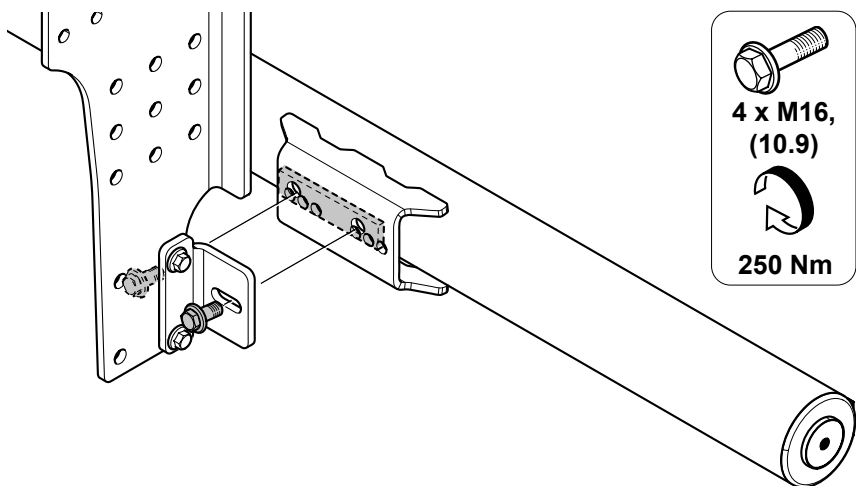
UCSP-180

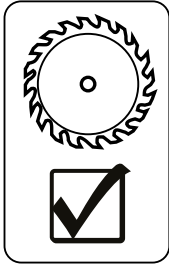


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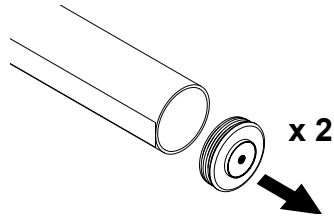


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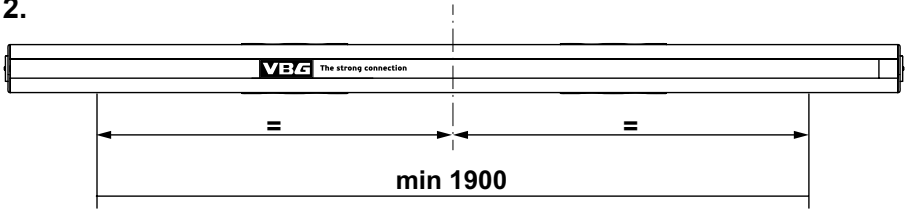




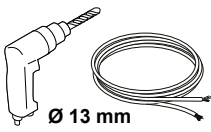
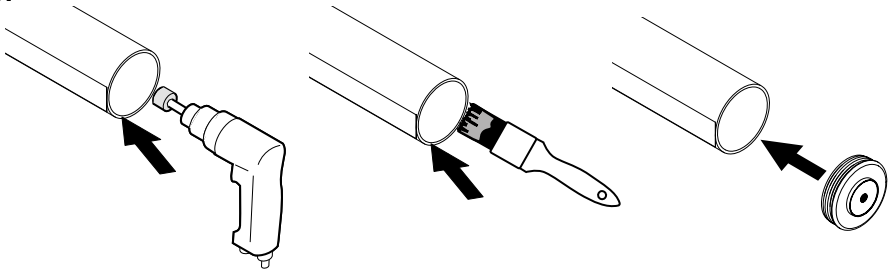
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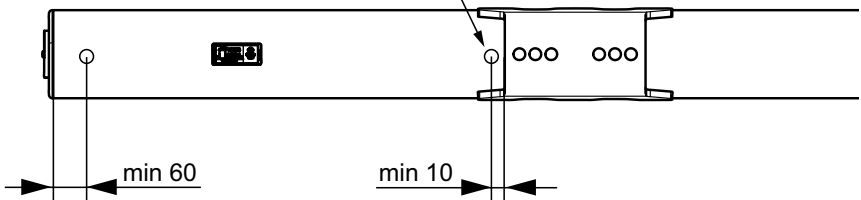
2.



3.



max 4x
max Ø 13



EUH-180 MB 50x50

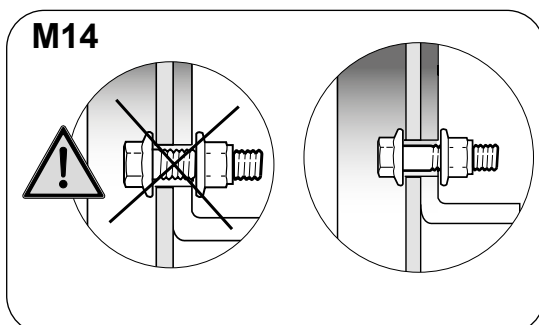
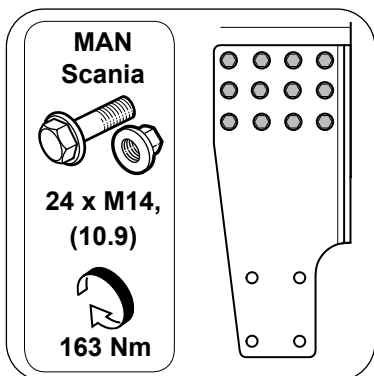
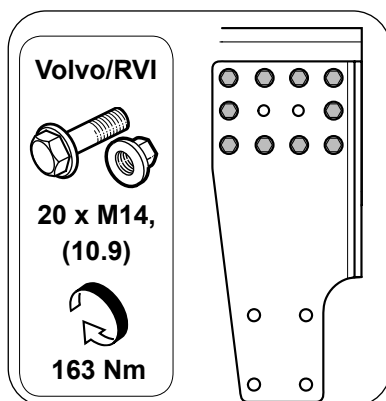
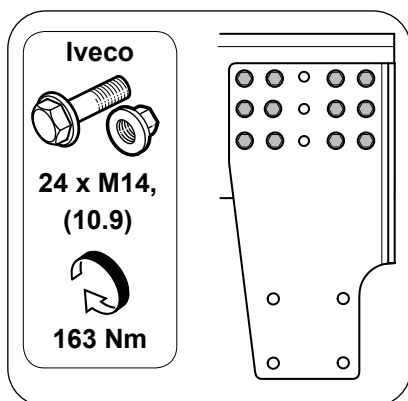
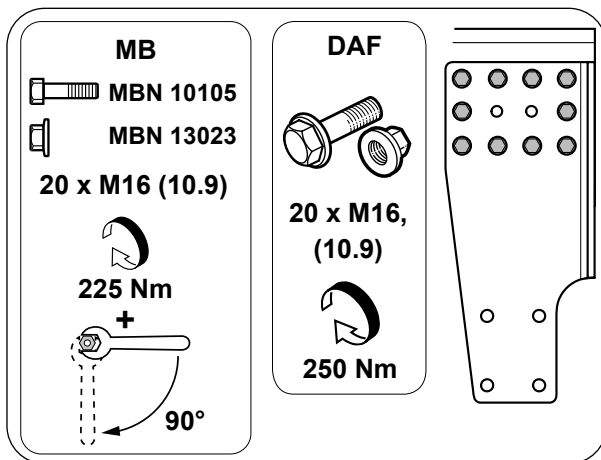
EUH-180 DAF

EUH-180 IVECO

EUH-180 SCANIA

EUH-180 MAN

EUH-180 VOLVO/ RVI



EUM-180 MAN

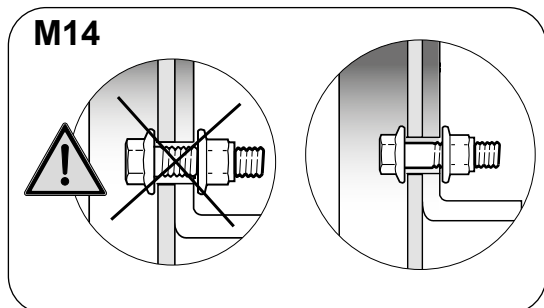
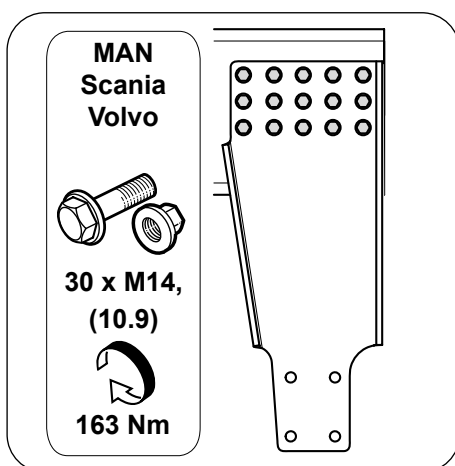
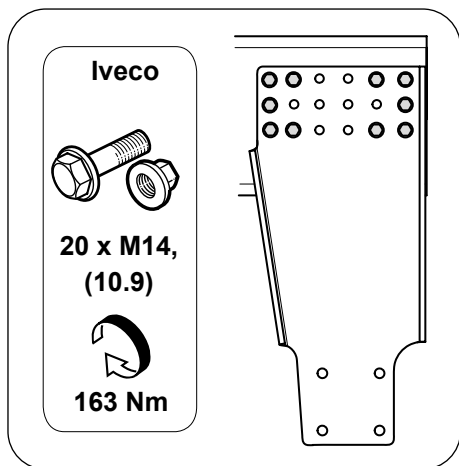
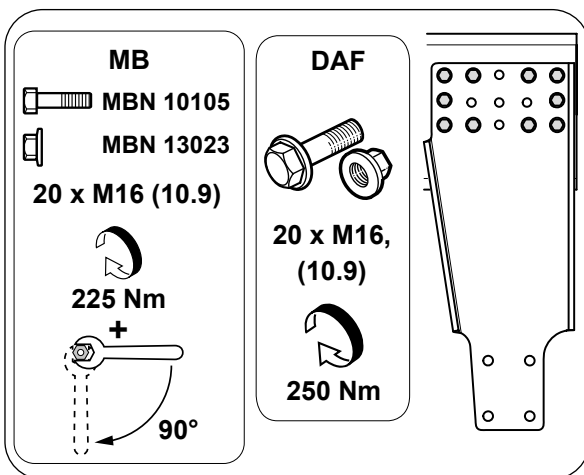
EUM-180 SCANIA

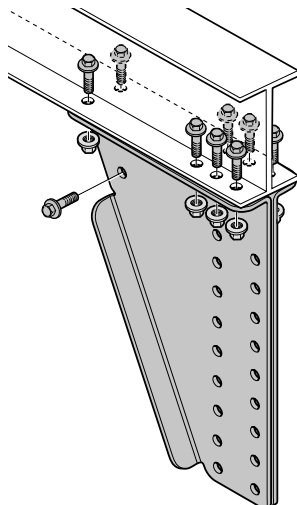
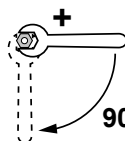
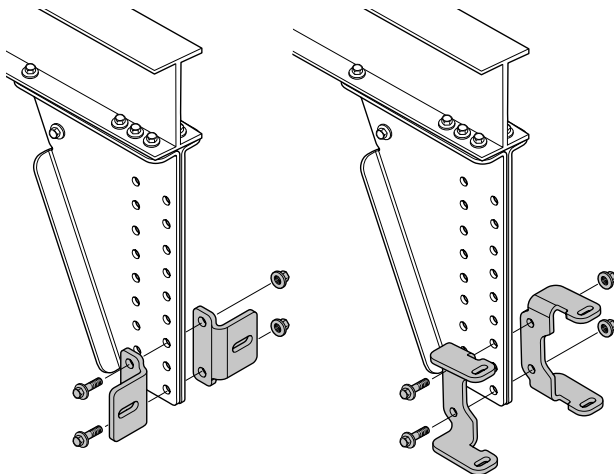
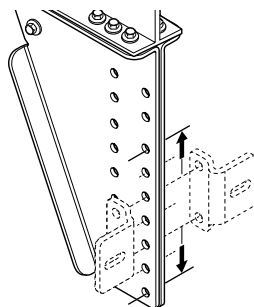
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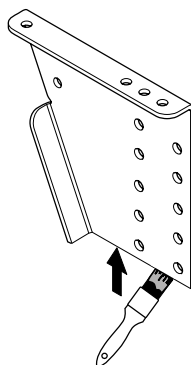
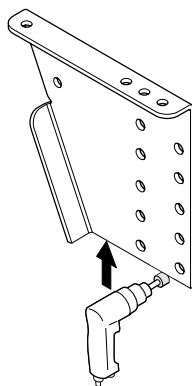
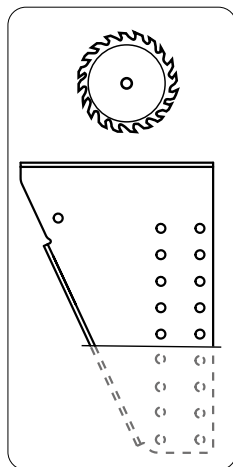
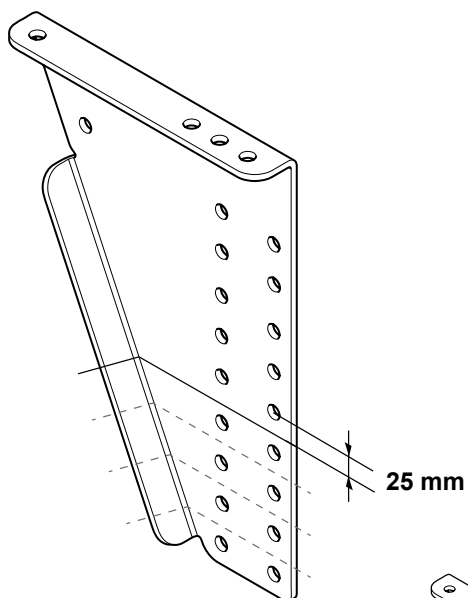
EUM-180 MB 50x50

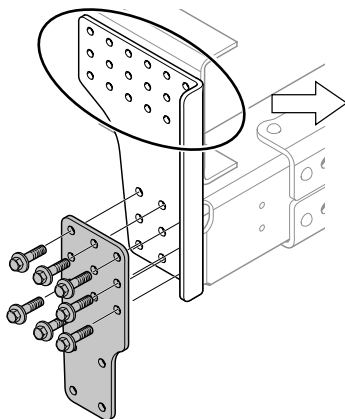
EUM-180 VOLVO/RVI

EUM-180 IVECO

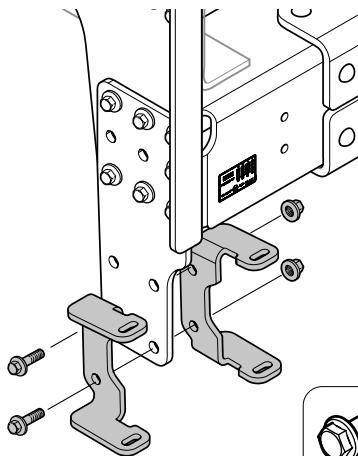
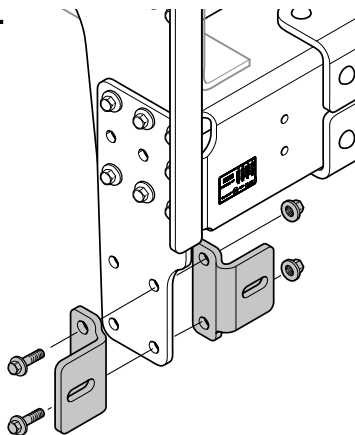


**1.****18 x M16
(10.9)****250 Nm****MB** **MBN 10105** **MBN 13023****18 x M16 (10.9)****225 Nm****90°****2.****4 x M16
(10.9)****250 Nm**



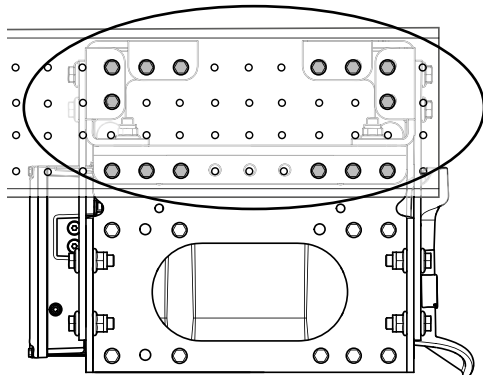
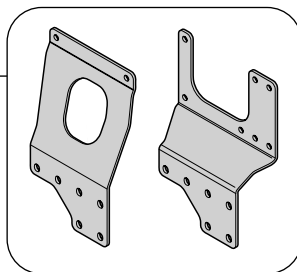
**1.****14 x M16
(10.9)****250 Nm**

38-234200 DB75V-2
38-316000 DB75V-3
38-345400 EDF 250-180
38-304600 EDF 150

2.**4 x M16
(10.9)****250 Nm**

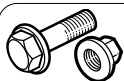


EUP-180 MFC



38-312800 MFC

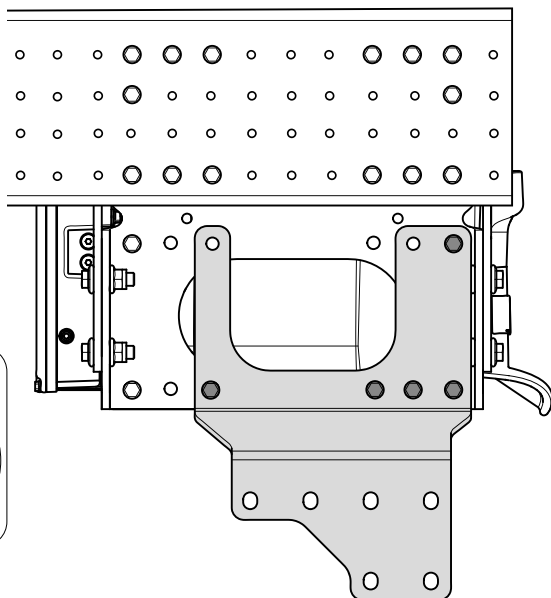
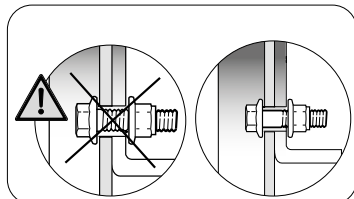
1.



**10 x M14
(10.9)**



163 Nm



2.

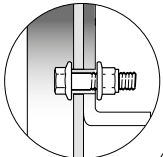
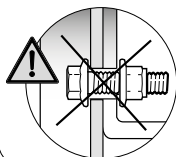


**4 x M14
(10.9)**



163 Nm

M14



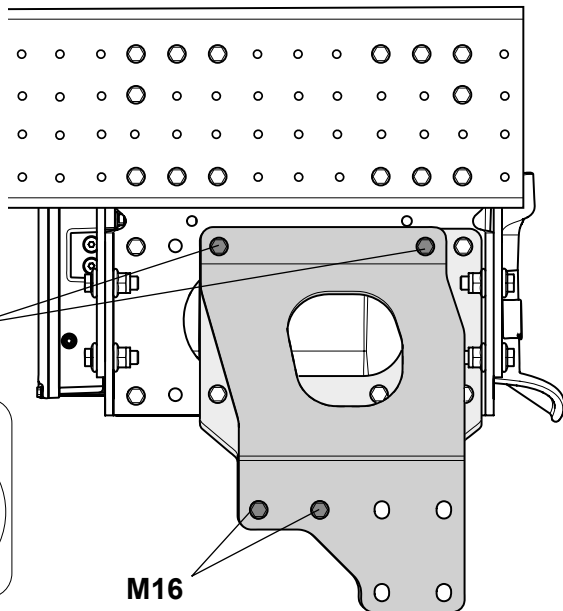
**4 x M16
(10.9)**



250 Nm

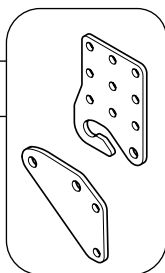
M14

M16





EUR-180



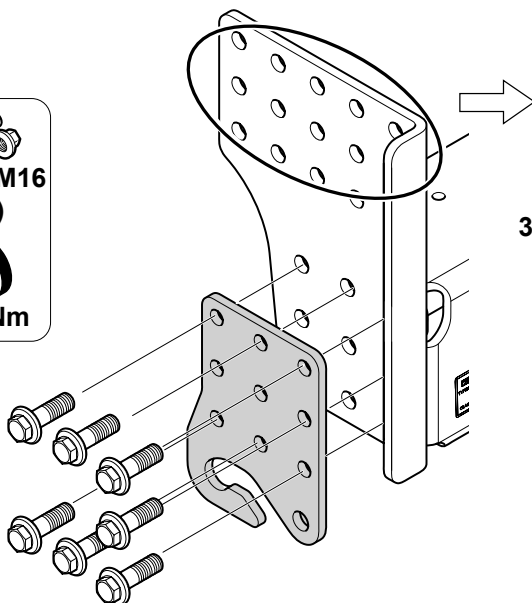
1.



**14 x M16
(10.9)**



250 Nm

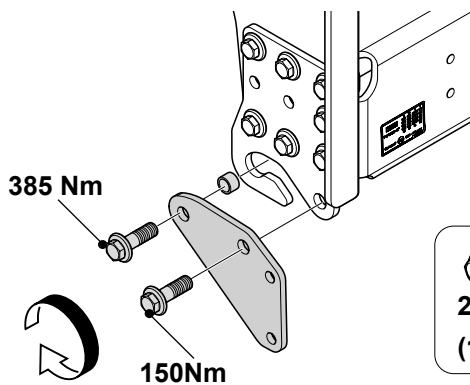


**38-234200 DB75V-2
38-316000 DB75V-3
38-345400 EDF 250-180
38-304600 EDF 150**

2.



**2 x M20
(10.9)**



**2 x M20
(10.9)**

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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[illegible]

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