



DHOLLANDIA

Mounting Instructions

MM.8.F04.S

Rev. 0

FORD TRANSIT L4

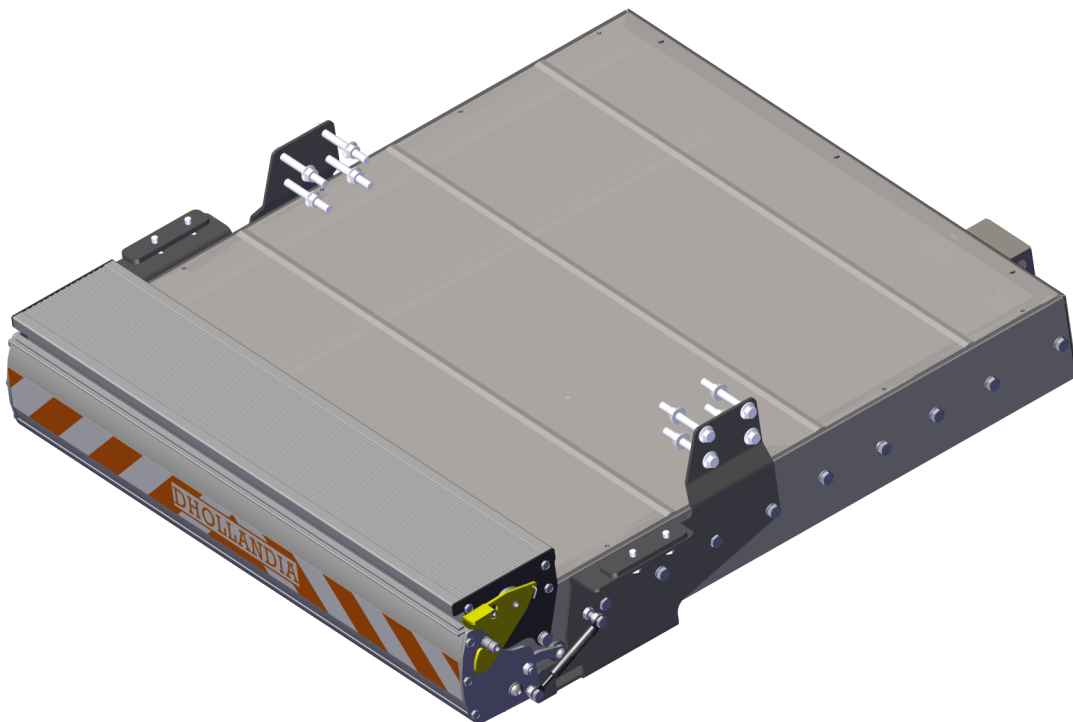
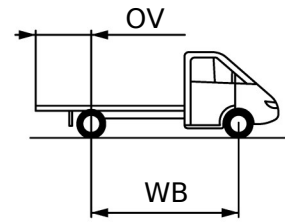
Side/Rear installation | Lift type: DH-C(H)001.03.01
FWD/RWD/AWD | Single/Double wheel | WB= 3750 | OV= 1931

FORD TRANSIT L3

Side/Rear installation | Lift type: DH-C(H)001.03.01
FWD/RWD/AWD | Single/Double wheel | WB= 3750 | OV= 1208

FORD TRANSIT L2

Side/Rear installation | Lift type: DH-C(H)001.03.01
FWD/RWD/AWD | Single/Double wheel | WB= 3300 | OV= 1208



EN



- Ignorance and / or negligence upon installation can put the installer, bystanders and third parties at great risk of severe personal injury or death. Therefore ALWAYS take note of the separate INSTALLATION GUIDELINES: IMPORTANT PRACTICES AND SAFETY PRECAUTIONS manual. The most recent version of this manual can be downloaded from: www.dhollandia.com > country & language selection > downloads > mounting instructions > select the required manual
- ALWAYS observe the FITTING AND BODY BUILDING INSTRUCTIONS of the vehicle manufacturer.
- In case of doubt, contact the national DHOLLANDIA distributor for further assistance. DHOLLANDIA distributors can be located via: www.dhollandia.com > country & language selection > distributors & service.
- DHOLLANDIA disclaims liability for any personal injury, death or property damage that results from negligence in the compliance with above-mentioned guidelines and the installation instructions in this manual.

NL



- Onwetendheid en / of nalatigheid tijdens de montage, kan de monteur, omstanders en derde personen aan ernstig risico op persoonlijk letsel of overlijden blootstellen. Neem daarom ALTIJD kennis van onze afzonderlijke handleiding MONTAGERICHTLIJNEN: BELANGRIJKE RICHTLIJNEN EN VEILIGHEIDSVOORSCHRIFTEN. De meest recente editie van deze handleiding kan gedownload worden via www.dhollandia.com > land- en taalkeuze > downloads > montage instructies > selecteer de benodigde manual
- Respecteer ALTIJD de MONTAGE- EN OPBOUWVOORSCHRIFTEN van de voertuig fabrikant.
- Bij twijfel, contacteer de nationale DHOLLANDIA verdeler voor verdere hulp. DHOLLANDIA verdelers zijn te vinden via www.dhollandia.com > land- en taalkeuze > Distributeurs & Service
- DHOLLANDIA wijst alle aansprakelijkheid af voor persoonlijk letsel, overlijden of materiaal schade die het gevolg is van nalatigheid in het naleven van bovengenoemde richtlijnen en de montagevoorschriften in deze handleiding.

FR



- L'ignorance et / ou la négligence lors du montage peuvent exposer le monteur, d'autres personnes à proximité, et des tiers à un risque élevé de blessures graves ou de mort. Par conséquent, prenez TOUJOURS note de manuel séparé GUIDE D'INSTALLATION : PRATIQUES IMPORTANTES ET CONSIGNES DE SECURITE. L'édition la plus récente de ce manuel peut être téléchargée via : www.dhollandia.com > sélection du pays et de la langue > téléchargements > instructions de montage > sélectionnez le manuel requis
- Respectez TOUJOURS les INSTRUCTION DE MONTAGE ET DE CARROSSAGE du constructeur du véhicule.
- En cas de doute, contactez le distributeur DHOLLANDIA national pour obtenir de l'aide. Les distributeurs DHOLLANDIA peuvent être localisés via : www.dhollandia.com > sélection du pays et de la langue > Distributeurs et Services
- DHOLLANDIA décline toute responsabilité en cas de blessures, de décès ou de dommages matériels résultant d'une négligence dans le respect des directives susmentionnées et des instructions de montage de ce manuel.

IT



- Ignorare e/o essere negligenti durante l'installazione potrebbe sottoporre l'installatore, chi lo circonda e terzi ad alti rischi di gravi lesioni o morte. Pertanto SEMPRE prendere nota del separato MANUALE D'INSTALLAZIONE: PRATICHE IMPORTANTI E PRECAUZIONI DI SICUREZZA. L'edizione più recente di questo manuale si può scaricare tramite: www.dhollandia.com > seleziona paese & lingua > Downloads > Istruzioni di montaggio > seleziona il manuale richiesto
- SEMPRE seguire L' ISTRUZIONE DI MONTAGGIO DEL COSTRUTTORE del veicolo.
- In caso di perplessità, contatta il tuo distributore nazionale DHOLLANDIA per richiedere assistenza. Il tuo distributore DHOLLANDIA può essere trovato su : www.dhollandia.com > seleziona paese & lingua > Distributori & Service.
- DHOLLANDIA declina ogni responsabilità per qualsiasi lesione personale, morte o danno a proprietà derivata dalla negligenza nel seguire le linee guida di cui sopra e le istruzioni di installazione in questo manuale.

PT



- A ignorância e / ou negligência durante a montagem podem colocar o instalador , outras pessoas nas proximidades e terceiros a um alto risco de ferimentos graves ou morte. Portanto, SEMPRE tome nota de um manual separado: GUIA DE INSTALAÇÃO: PRÁTICAS IMPORTANTES E INSTRUÇÕES DE SEGURANÇA. A edição mais recente deste manual pode ser baixada em: www.dhollandia.com> seleção de país e idioma> downloads> instruções de montagem> selecione o manual necessário
- Siga SEMPRE as INSTRUÇÕES DE MONTAGEM E FABRICO DA CARROÇARIA do fabricante do veículo.
- Em caso de dúvida, entre em contato com o distribuidor nacional da DHOLLANDIA para obter assistência. Os distribuidores da DHOLLANDIA podem ser localizados em: www.dhollandia.com> seleção de país e idioma> Distribuidores e serviços
- A DHOLLANDIA declina toda a responsabilidade em caso de ferimentos, morte ou danos materiais resultantes de negligência no cumprimento das diretrizes mencionadas acima e das instruções de montagem neste manual.

ES



- La ignorancia y / o el descuido durante el ensamblaje pueden exponer al ensamblador, a otras personas cercanas y a terceros a un alto riesgo de lesiones graves o la muerte. Por lo tanto, SIEMPRE tome nota de un manual separado GUÍA DE INSTALACIÓN: PRÁCTICAS IMPORTANTES E INSTRUCCIONES DE SEGURIDAD. La edición más reciente de este manual se puede descargar de: www.dhollandia.com> selección de país e idioma> descargas> instrucciones de montaje> seleccione el manual requerido.
- SIEMPRE siga las INSTRUCCIONES DE MONTAJE Y CARROZADO del fabricante del vehículo.
- En caso de duda, póngase en contacto con su distribuidor nacional de DHOLLANDIA para obtener ayuda. Los distribuidores de DHOLLANDIA se pueden encontrar en: www.dhollandia.com> selección de país e idioma> Distribuidores y servicios.
- DHOLLANDIA declina toda responsabilidad en caso de lesiones, muerte o daños materiales como resultado de negligencia en cumplimiento de las directivas mencionadas anteriormente y las instrucciones de montaje en este manual.

PL



- Ignorowanie wytycznych bądź zaniedbania podczas montażu mogą narazić montażystę oraz osoby postronne na poważne ryzyko obrażeń ciała lub śmierci. Dlatego ZAWSZE należy pamiętać o INSTRUKCJI MONTAŻU: WAŻNYCH WSKAZÓWKACH i ZASADACH BEZPIECZEŃSTWA. Najnowszą wersję niniejszej instrukcji możesz pobrać z: www.dhollandia.com , państwo & wybór języka, pobieranie, instrukcje montażu, wybór wymaganej instrukcji.
- ZAWSZE należy przestrzegać INSTRUKCJI MONTAŻU ORAZ INSTRUKCJI ZABUDOWY producenta pojazdu.
- W razie wątpliwości skontaktuj się ze swoim dystrybutorem DHOLLANDIA po więcej wskazówek. Znajdziesz go poprzez stronę internetową: www.dhollandia.com , państwo & wybór języka, dystrybutorzy, serwis.
- DHOLLANDIA zrzuca się odpowiedzialności za jakiegokolwiek obrażenia ciała, śmierć lub szkody materialne, które wynikły z zaniedbania w zakresie przestrzegania wyżej wymienionych wytycznych i instrukcji montażu w niniejszym dokumencie.



Prescribed torque values for bolts supplied with the wheelchair lift and mounting set

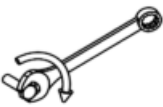
- Installer MUST verify that all bolted connections are fastened with the required torque in conformance with this table.
- After weight testing, installer MUST verify that all bolted connections between lift frame and mounting plates, and between mounting plates and vehicle chassis are still tightened in conformance with the required torque. Retighten if required.
- Use a calibrated torque wrench to tighten bolt and nut connections to the prescribed torque value.

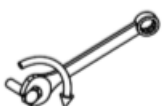
NOTICE

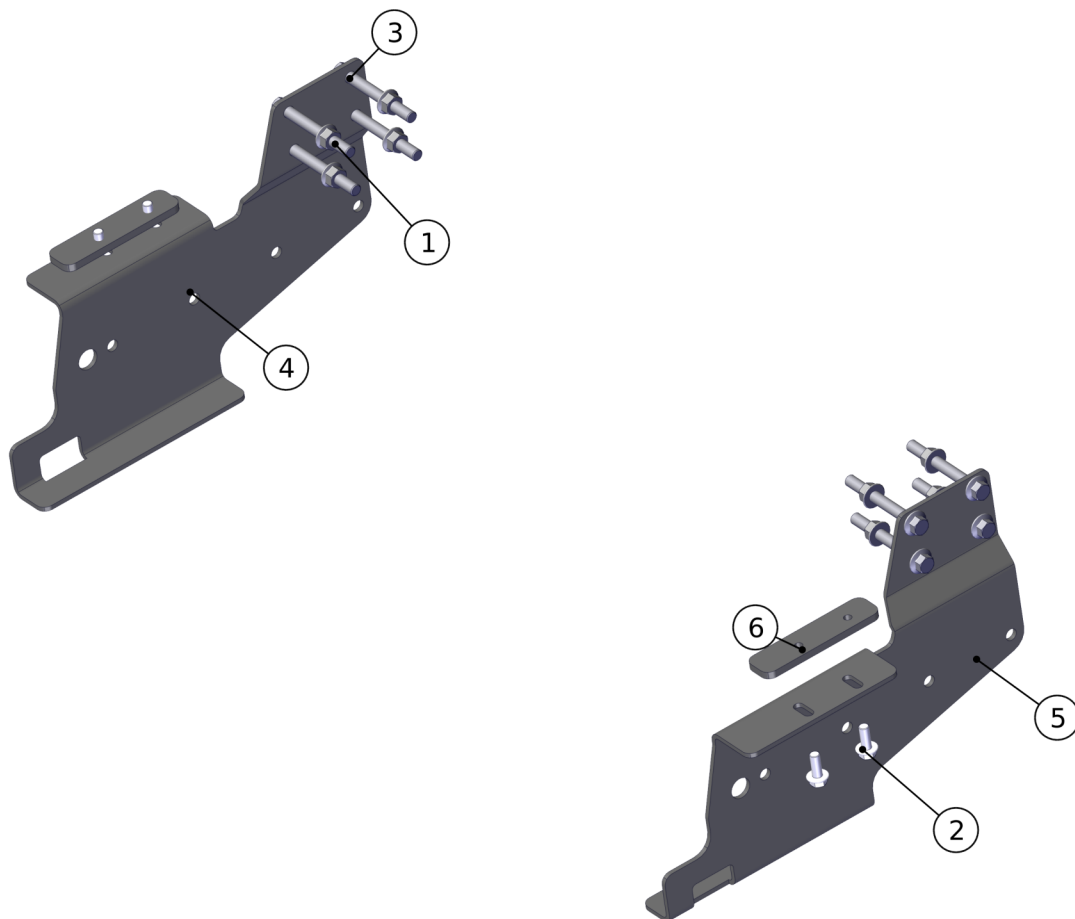


WARNING

- Incorrect, too soft or too hard tightening of mounting bolts can lead to accidental fall of the wheelchair lift from the vehicle chassis.
- A fall of the wheelchair lift from the chassis can damage the wheelchair lift and / or vehicle chassis and can cause serious bodily injury or death to the operator and any bystanders.
- Therefore, it is essential that the mounting plates are installed following the instructions of this manual.

Prescribed torque values				
Nm 	Type of stress			
	Pull		Shear	
	Class		Class	
	8.8	10.9	8.8	10.9
Metric Value				
M08 x 1.25	8	11	23	34
M10 x 1.50	15	22	46	68
M12 x 1.75	26	44	79	116
M14F x 1.50	45	65	135	195
M14 x 2.00	45	65	125	184
M16F x 1.50	100	150	208	300
M16 x 2.00	100	150	195	287
M20F x 1.50	215	310	425	605
M20 x 2.50	191	275	382	550
M24F x 2.00	360	490	715	975
M24 x 3.00	330	472	660	945

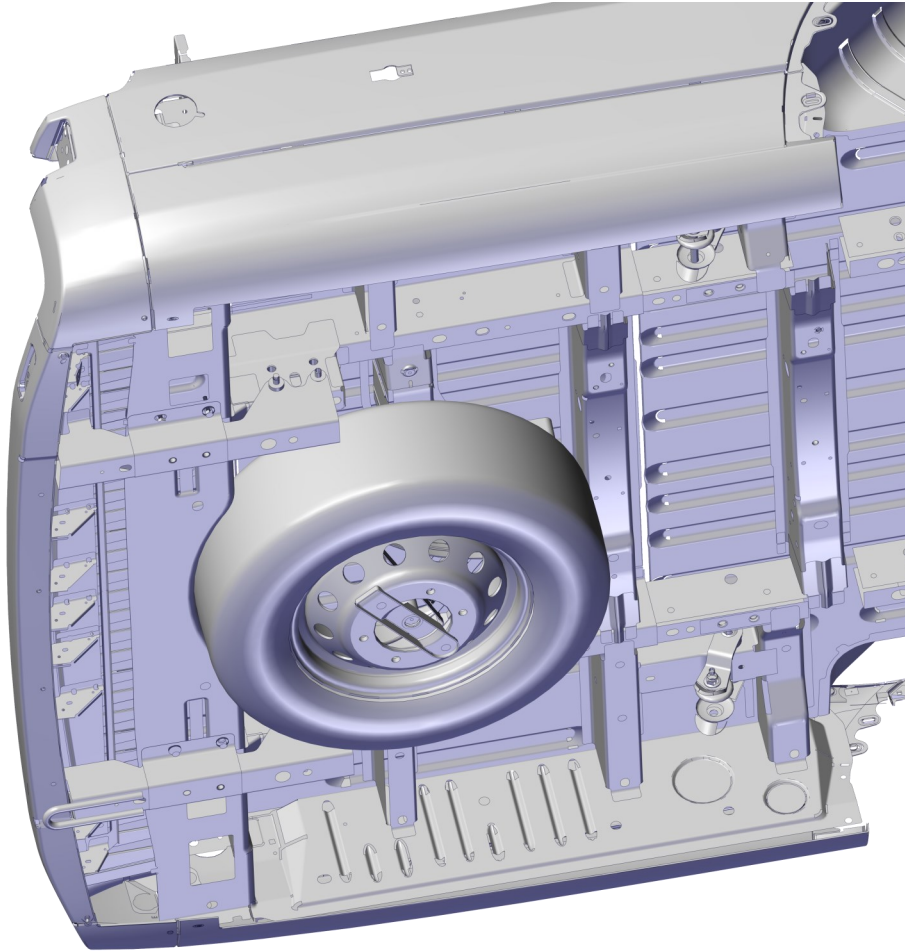
Prescribed torque values				
LbsFt 	Type of stress			
	Pull		Shear	
	Class		Class	
	8.8	10.9	8.8	10.9
Imperial Value				
M08 x 1.25	6	8	18	24
M10 x 1.50	11	16.5	34.5	50
M12 x 1.75	17.5	32.5	60.5	85
M14F x 1.50	33	48	99.5	144
M14 x 2.00	33	48	95	136.5
M16F x 1.50	74	110.5	153.5	221.5
M16 x 2.00	74	110.5	144	210
M20F x 1.50	158.5	228.5	313.5	446.5
M20 x 2.50	141	203	282	405.5
M24F x 2.00	265.5	361.5	527.5	719
M24 x 3.00	243.5	348	487	697



MM.8.F04.S

Nr.	Code	Description	Qty
1	BMF12	Flange nut M12	8
2	BTF10.025	Bolt flange M10x25mm	4
3	BTFF12.100	Bolt flange M12x1.5x100mm 10.9	8
4	MM.8.F04.01.L	Mounting plate CH001	1
5	MM.8.F04.01.R	Mounting plate CH001	1
6	MM.8.F04.02	Fixation plate CH001	2

1. Use a vehicle lift to raise the vehicle so you are able to mount the lift.
2. Remove the spare wheel or other parts that would interfere with the installation.
3. Check the vehicle manufacturer's guidelines when removing parts or making permanent changes.

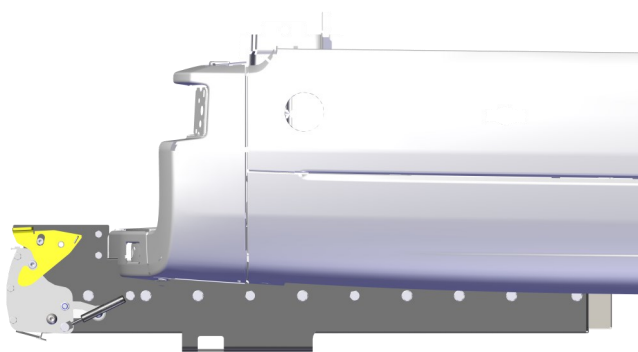
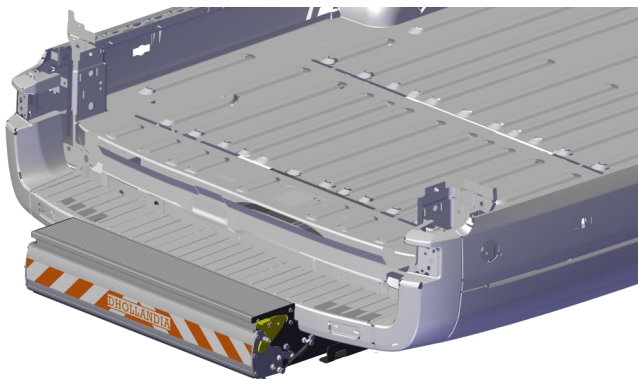


The lift can be mounted in two ways:

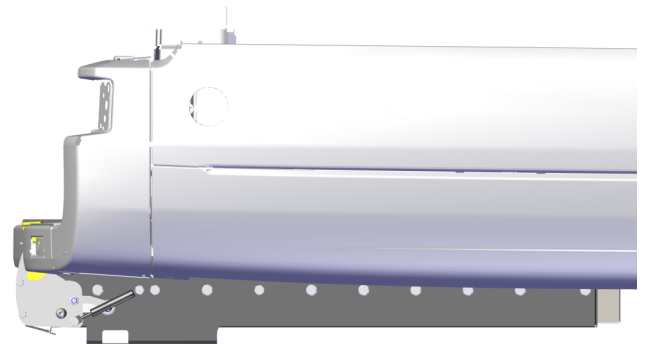
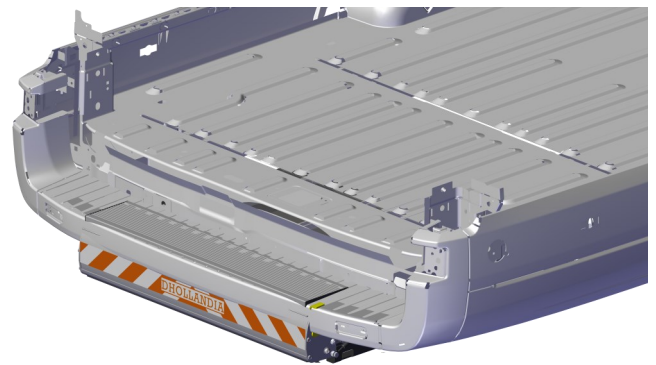
1. Behind the rear bumper.
2. Integrated inside the rear bumper. Parts of the bumper need to be cut away but the lift will not protrude beyond the original vehicle dimensions and make it less likely to be damaged by speed bumps etc. (Recommended) This is only applicable on an L4 version. Contact your Dhollandia distributor in case of any doubts or questions.

The mounting instructions remain the same for both situations apart from the cutting out of the bumper and the position of the lift. In the first situation the lift will be placed 200mm further to the back compared to the second situation.

Situation 1 (L2 - L3 - L4)

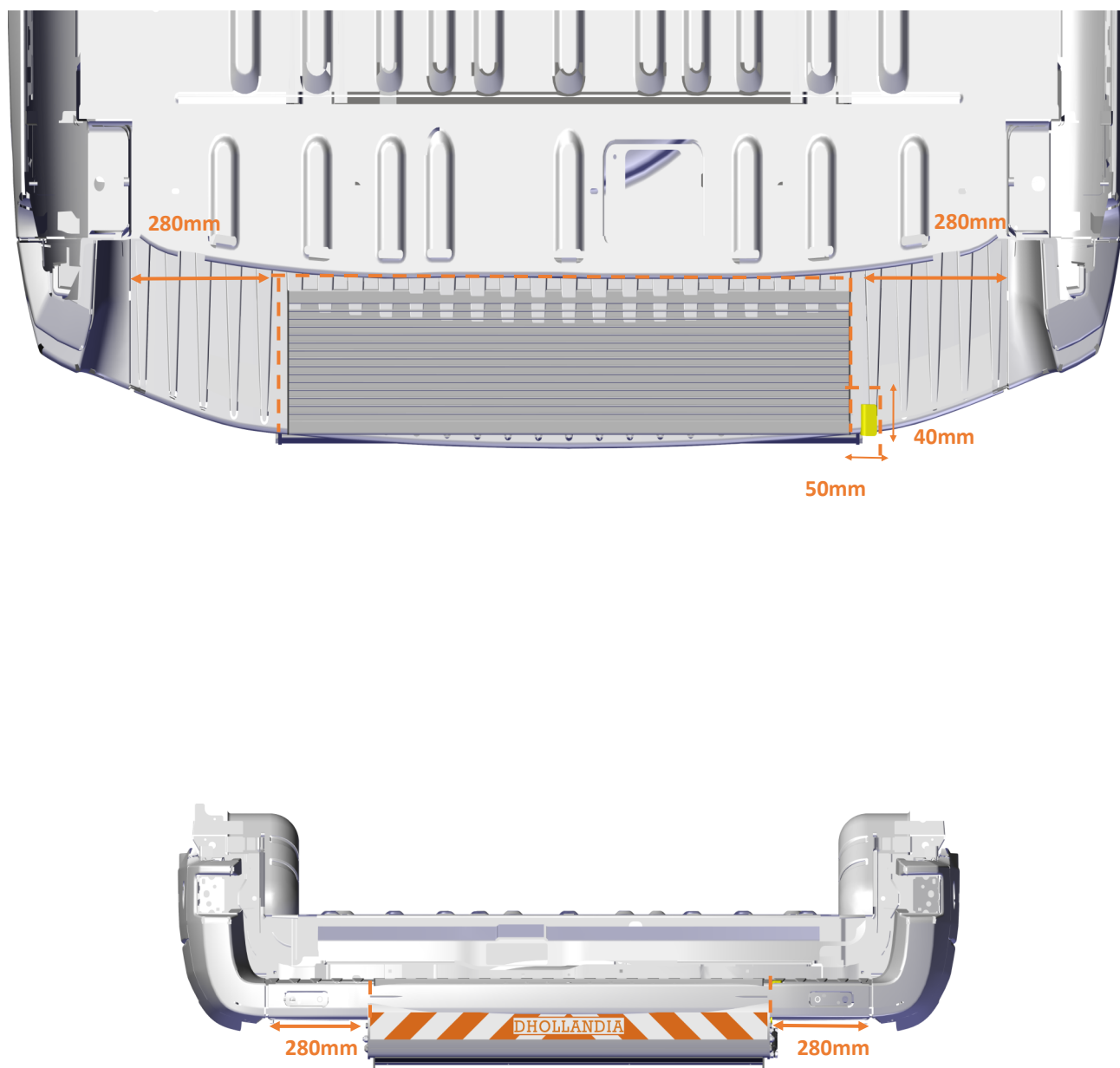


Situation 2 (L4)



2* Situation 2

Make cut-outs in the rear bumper so that the lift can be nicely integrated in the bumper.

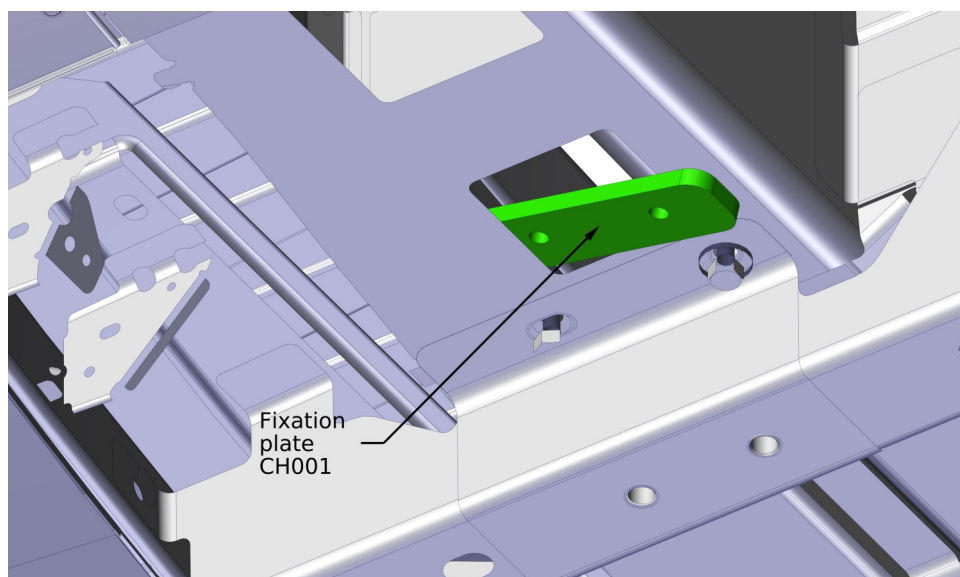


3 Both sides of the vehicle

Place the fixation plate inside the cut-out in the vehicle chassis.

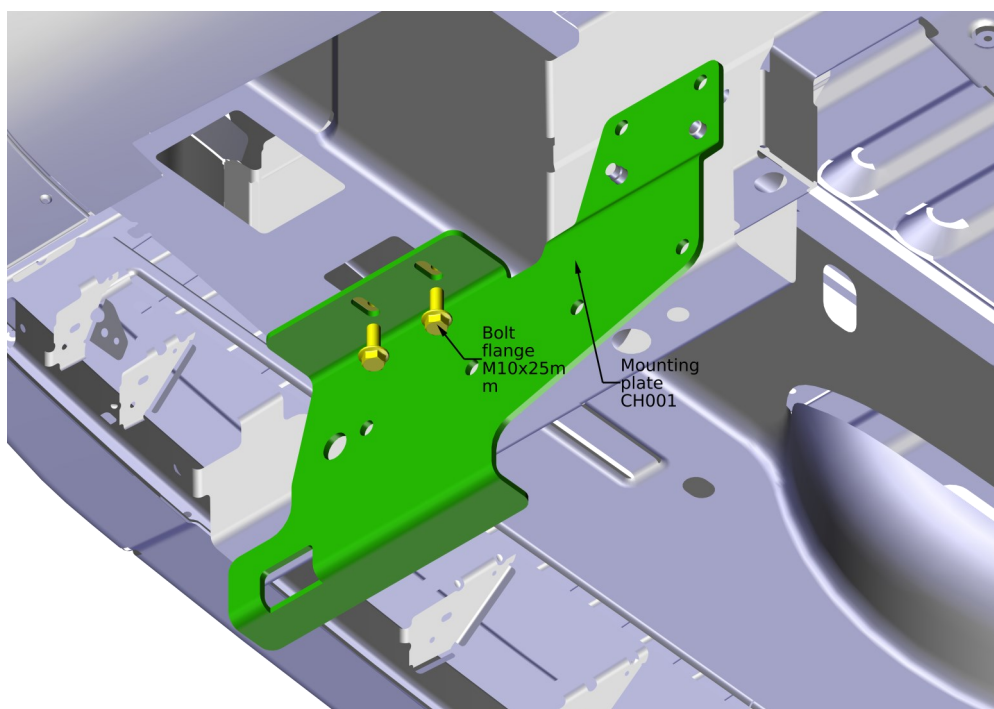
This plate is not symmetrical, make sure you place it so that the chassis overlaps as much as possible with this plate.

Do this on both sides.



4 Both sides of the vehicle

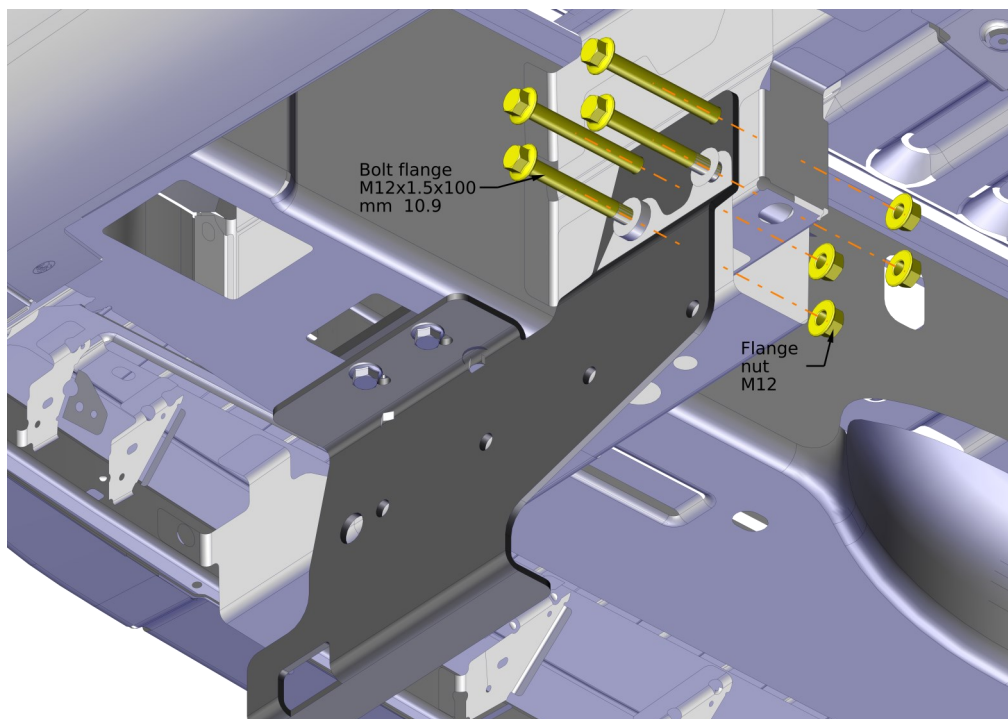
Place the mounting plate against the chassis and screw the flange bolts into the fixation plate from step 3. Do not tighten the bolts completely as small position adjustments still need to be made.



5 Both sides of the vehicle

Insert the flange bolts through the vehicle chassis and fixate the mounting plates.

Don't tighten the bolts yet as this will make it harder to slide in the cassette afterwards.

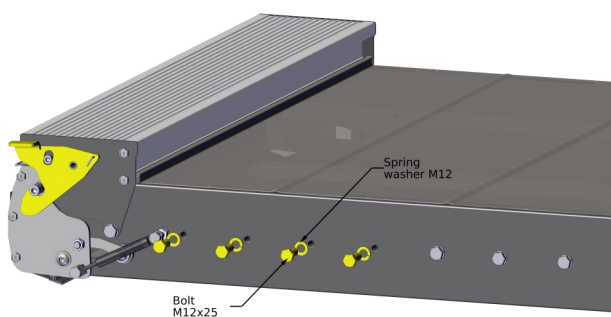


6

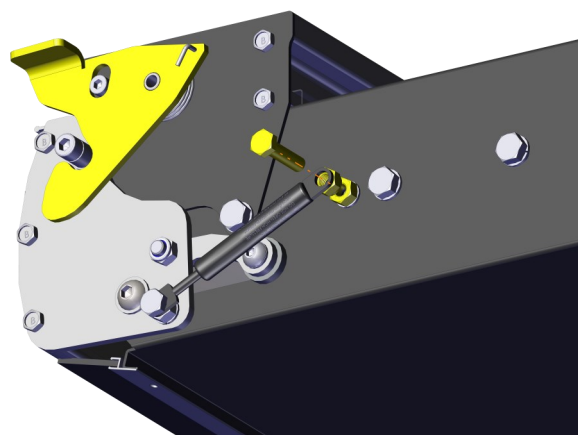
Take out the bolts on the side of the cassette.

Only take out the ones that will be used to mount the cassette to the mounting plates. See step 8.

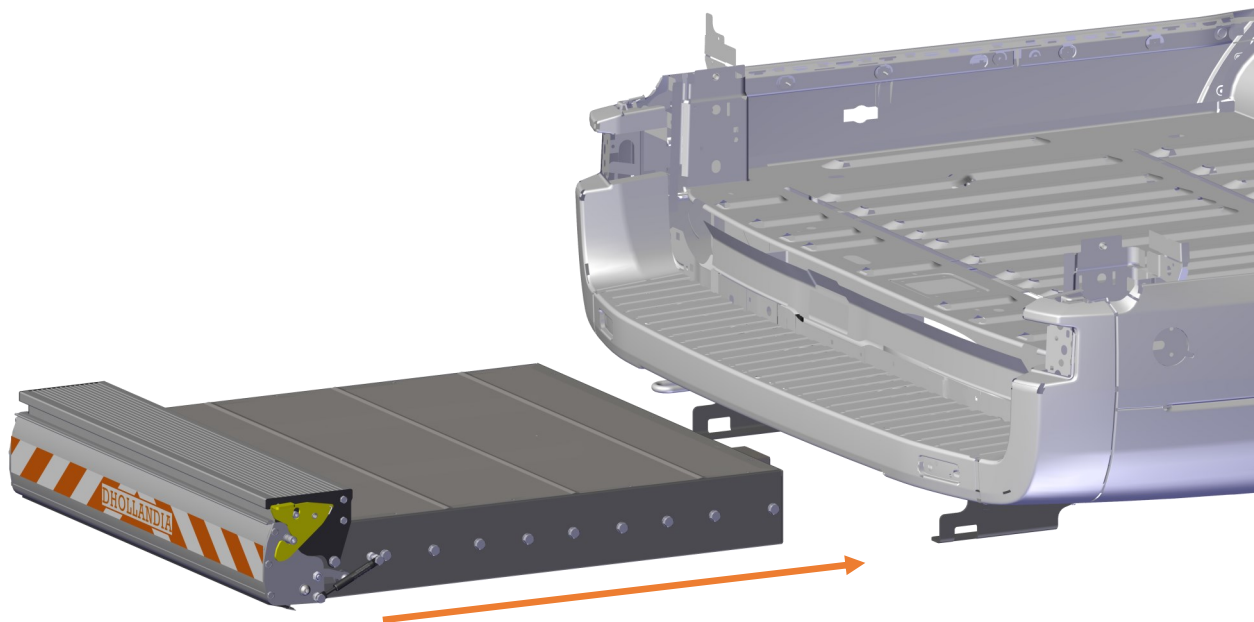
For the second installation situation (see step 1): Take out the bolt that holds the gas spring and re-attach it after positioning the lift.



Situation 2

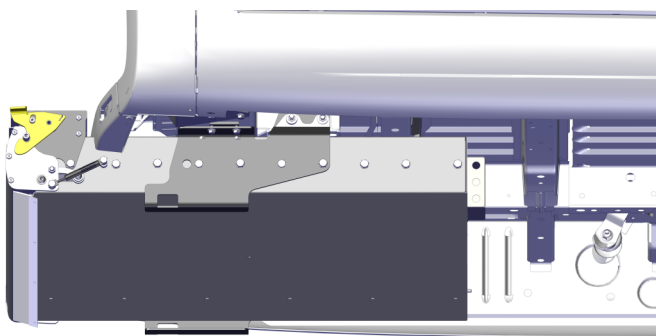


Place the cassette on a forklift or electrical transpallet.
 Raise the lift so that it sits in front of the mounting plates.
 Slide the cassette in between the mounting plates.



1. Position the cassette depending on the installation method you chose in step 1.
2. Use the already provided bolts that you took out of the cassette to fixate the cassette to the mounting plates. Tighten the bolts.
3. Remove the forklift or electrical transpallet.
4. Tighten all remaining bolts.
5. Go over every step to make sure you did not forget to tighten any bolts.
 These fixations should be tightened with the correct torque. See page 3 for the overview.

Situation 1



Situation 2

