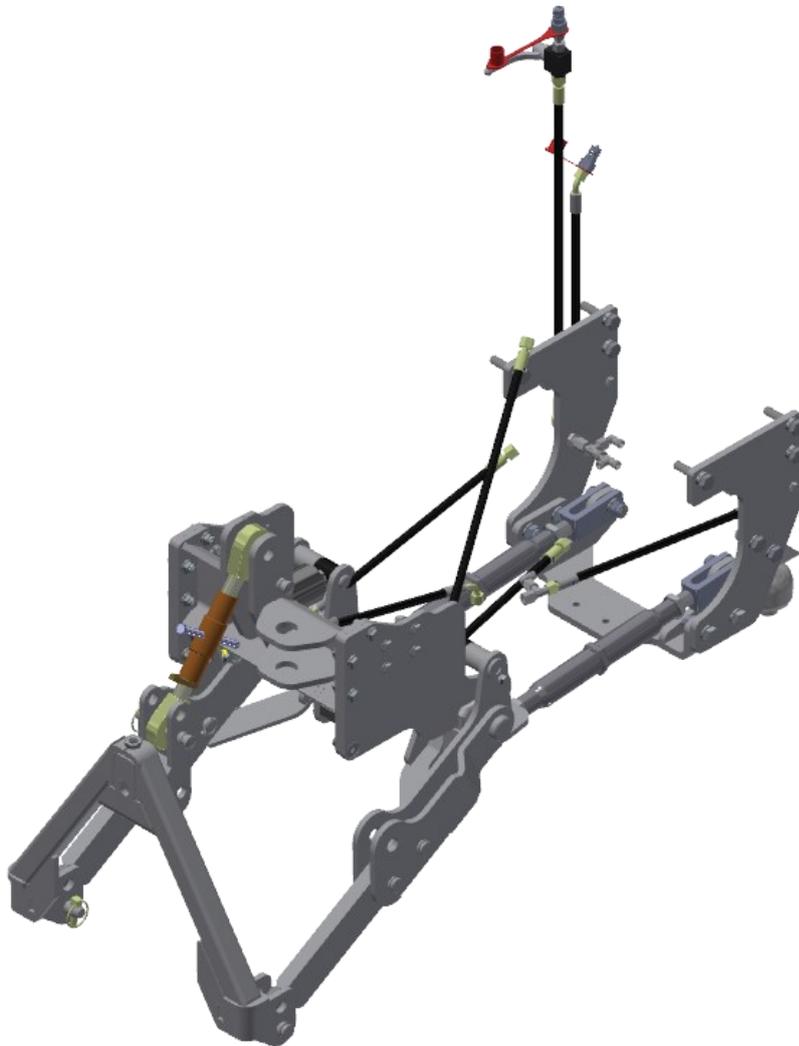


FPS Frontkraftheber Front power lift

Montageanleitung Mounting assembly



Bestellnummern

Order numbers

Best.-Nr order no.	Bezeichnung	Designation	gehört zu belongs to
131 9038	Frontkraftheber (Grundgerät)	front power lift (basic unit)	NH Boomer 35/40/45/50/55 MJ 2021
131 9039	Ausbausatz KAT.0	extension kit cat.0	NH Boomer 35/40 MJ 2021
131 9040	Ausbausatz KAT.1	extension kit cat.1	NH Boomer 35/40 MJ 2021
131 9041	Ausbausatz KAT.0	extension kit cat.0	NH Boomer 45/50/55 MJ 2021
131 9042	Ausbausatz KAT.1	extension kit cat.1	NH Boomer 45/50/55 MJ 2021
131 8004	Kuppelträger KAT.1	receptacle triangle KAT.1	NH Boomer 35/40/45/50/55 MJ 2021
131 9048	Frontkraftheber Hydrauliksatz BG2-TF	front power lift hydraulic kit BG2—TF	NH Boomer 35/40/45/50/55 MJ 2021
131 9049	Frontkraftheber Hydrauliksatz BG3	front power lift hydraulic kit BG3	NH Boomer 35/40/45/50/55 MJ 2021
131 9050	Druckspeicher	Pressure accumulator	NH Boomer 35/40/45/50/55





Montagearbeiten an sicherheitsrelevanten Teilen wie z.B. Fahrwerken (Achsen, Radaufhängungen, Räder usw.), an Zug- und Hebeeinrichtungen (Deichseln, Heckdreipunkt, Frontkraftheber, Zwischenachsaushebungen) und Bremsen dürfen nur von Personal mit nachfolgender Qualifikation ausgeführt werden:



- Sie haben eine fachbezogene Ausbildung, wie z.B. Landmaschinenmechaniker, KFZ-Mechaniker usw.
- Personen ohne qualifizierte Ausbildung müssen von einer Person mit qualifizierter Ausbildung beaufsichtigt werden.
- Sie haben diese Montageanleitung gelesen und verstanden.

Die Sicherheits- und Unfallverhütungsvorschriften sind in jedem Land gesetzlich geregelt. Für die Einhaltung der gültigen Vorschriften ist der Werkstatteleiter bzw. die bestellte Fachkraft für Arbeitssicherheit des ausführenden Betriebs verantwortlich.



Installation work on safety-relevant parts such as chassis (axles, wheel suspensions, wheels, etc.), on towing and lifting equipment (drawbars, rear three-point hitch, front power lift, intermediate axle lift) and brakes may only be carried out by personnel with the following qualifications

- They have specialist training, e.g. agricultural machinery mechanics, car mechanics, etc.
- Persons without qualified training must be supervised by a person with qualified training.
- You have read and understood these assembly instructions.

The safety and accident prevention regulations are regulated by law in every country. The factory foreman or the appointed specialist for work safety of the company carrying out the work is responsible for compliance with the valid regulations.



Symbolik

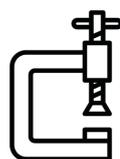
Symbolism



Nachfolgend finden Sie die in der Montageanleitung verwendeten Symbole. Bitte machen Sie sich mit diesen Symbolen vertraut, bevor Sie die Montage beginnen.

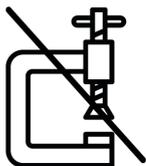


The following are the symbols used in the assembly instructions. Please make yourself familiar with these symbols before you start the assembly.

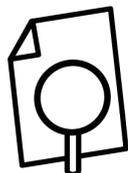


Bringen Sie das Gerät mit geeigneten Hilfsmitteln in eine sichere Montageposition. Die Abbildungen in der Anleitung sind nur beispielhaft. Von ihnen kann keine sichere Montageposition abgeleitet werden.

Use suitable tools to bring the device into a safe mounting position. The illustrations in the instructions are only exemplary. No safe mounting position can be derived from them.



Entfernen Sie die Montagehilfsmittel.



Die Montageschritte sind in der genannten Dokumentation erläutert. Sollte Ihnen diese Dokumentation nicht vorliegen, wenden sie sich an die matev GmbH.

The installation steps are explained in the documentation mentioned above. If you do not have this documentation, please contact matev GmbH.



Montageschritte für die keine Werkzeuge benötigt werden.

Assembly steps for which no tools are required.



Betriebsanleitung lesen

Read operating manual



Symbolik

Symbolism



Verwenden Sie geeignete Werkzeuge.



Verwenden Sie geeignete Werkzeuge und halten Sie für die Schraubenverbindungen das angegebene Drehmoment ein. Das Drehmoment gilt für trockene Schrauben.

NM

Use suitable tools and observe the given torque for the screw connections.

Die Abbildung dient der Verdeutlichung des nachfolgenden Montage-schritts. Bitte montieren Sie dieses Teil wie im nächsten Montageschritt dargestellt.



The illustration serves to clarify the following assembly step. Please mount this part as shown in the next mounting step.



Einstellen nach Maß! Siehe Betriebsanleitung.

Adjustment made to measure! See operating instructions.



Maschinenspezifisches oder optionales Zubehör.

Machine specific or optional accessories.



Bohrmaschine

Drilling machine

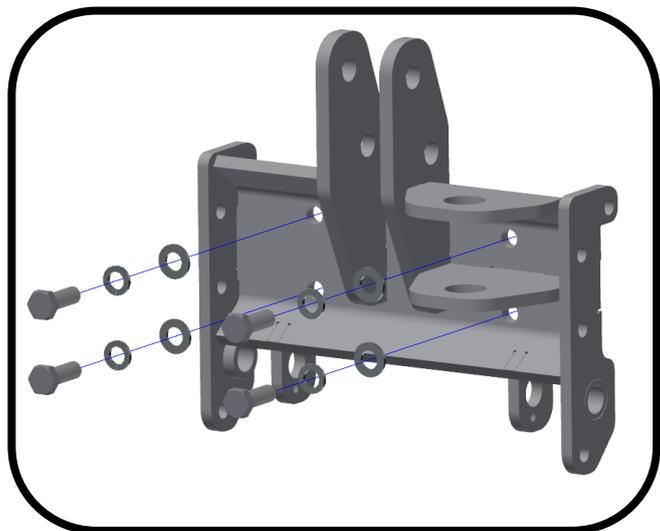


Trennwerkzeug

Cutting tool



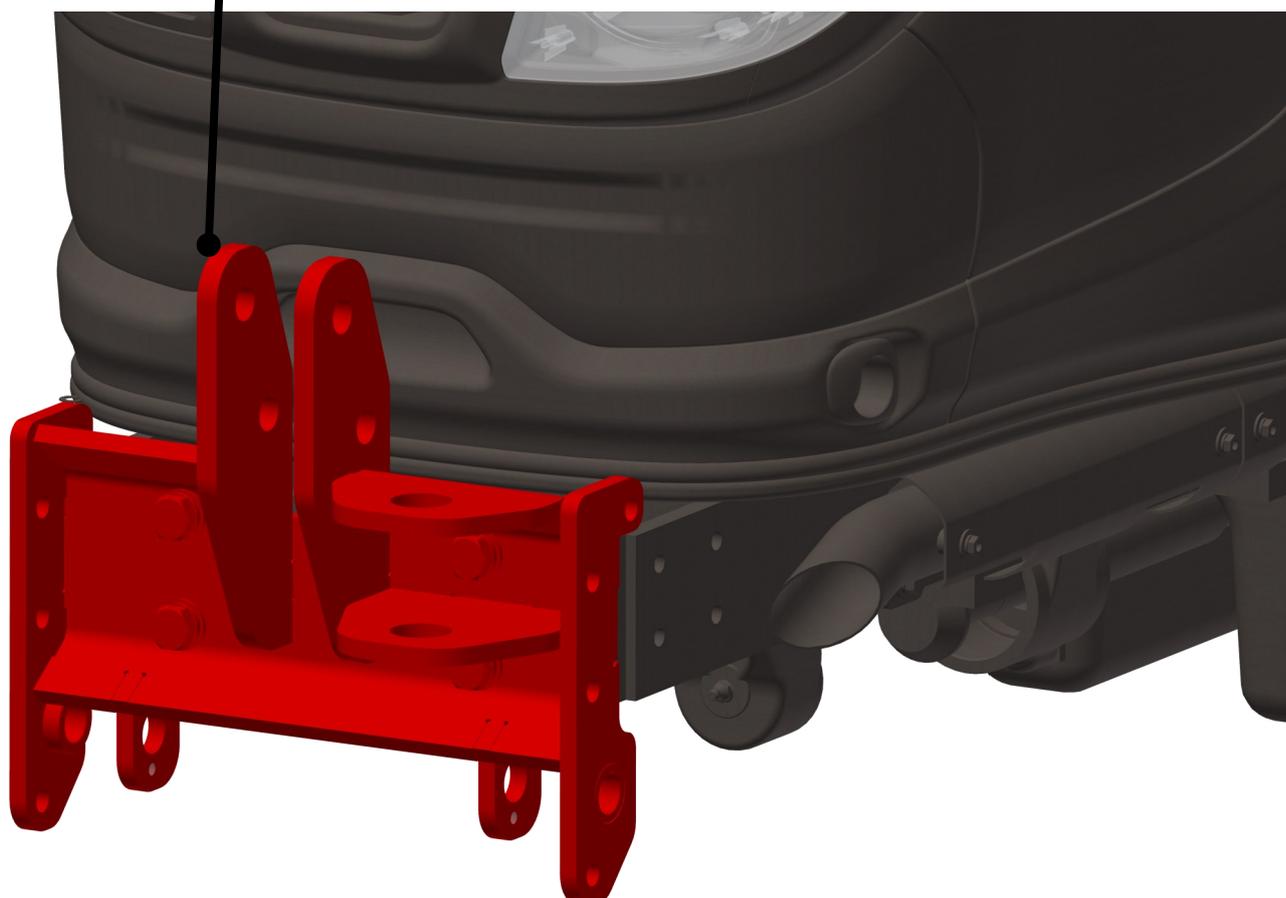
1



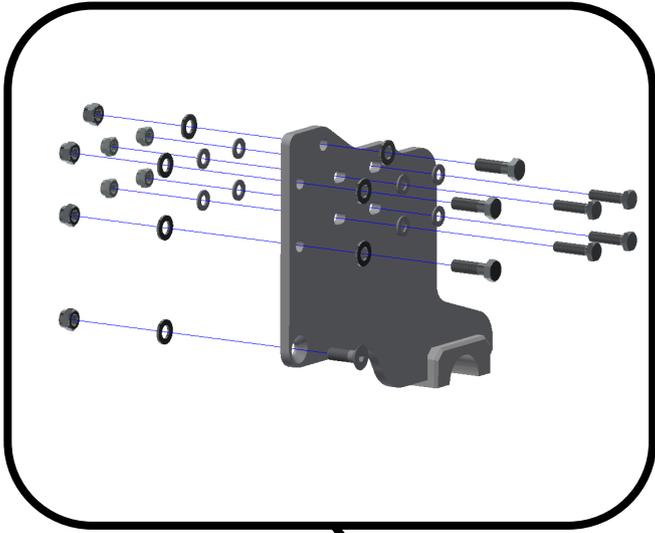
4 x DIN 961-M14x1,5x40-10.9

4 x DIN 125-A 15

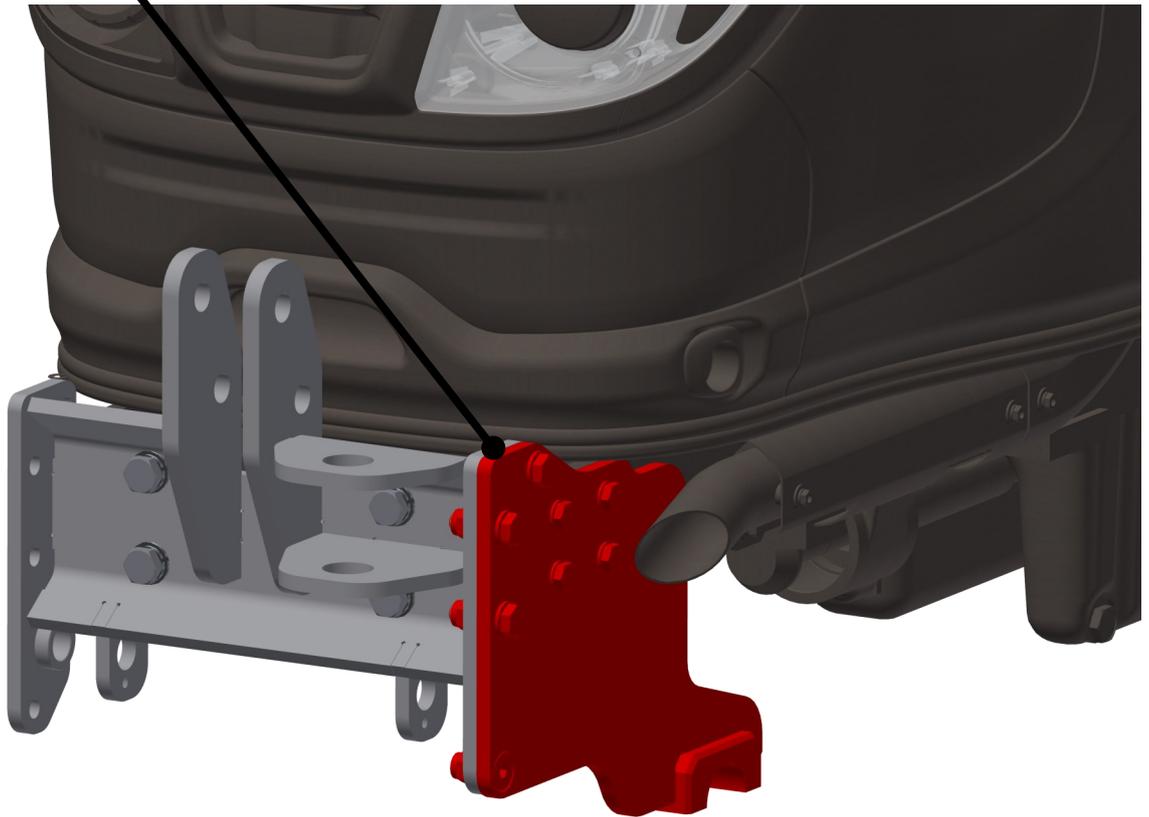
4 x DIN 127-A-14



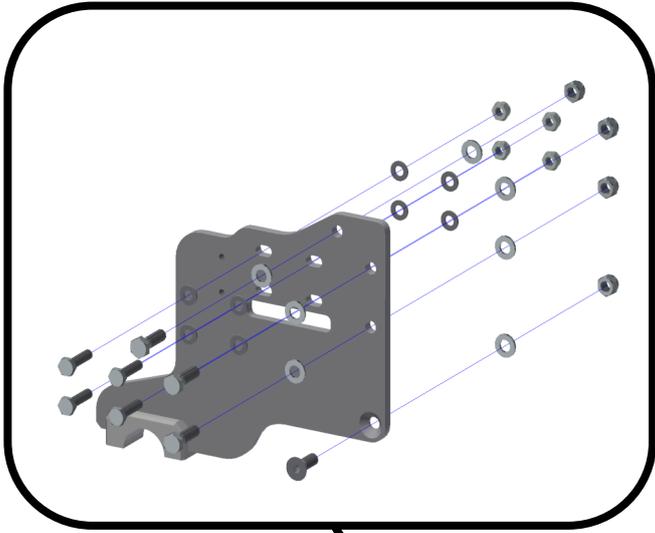
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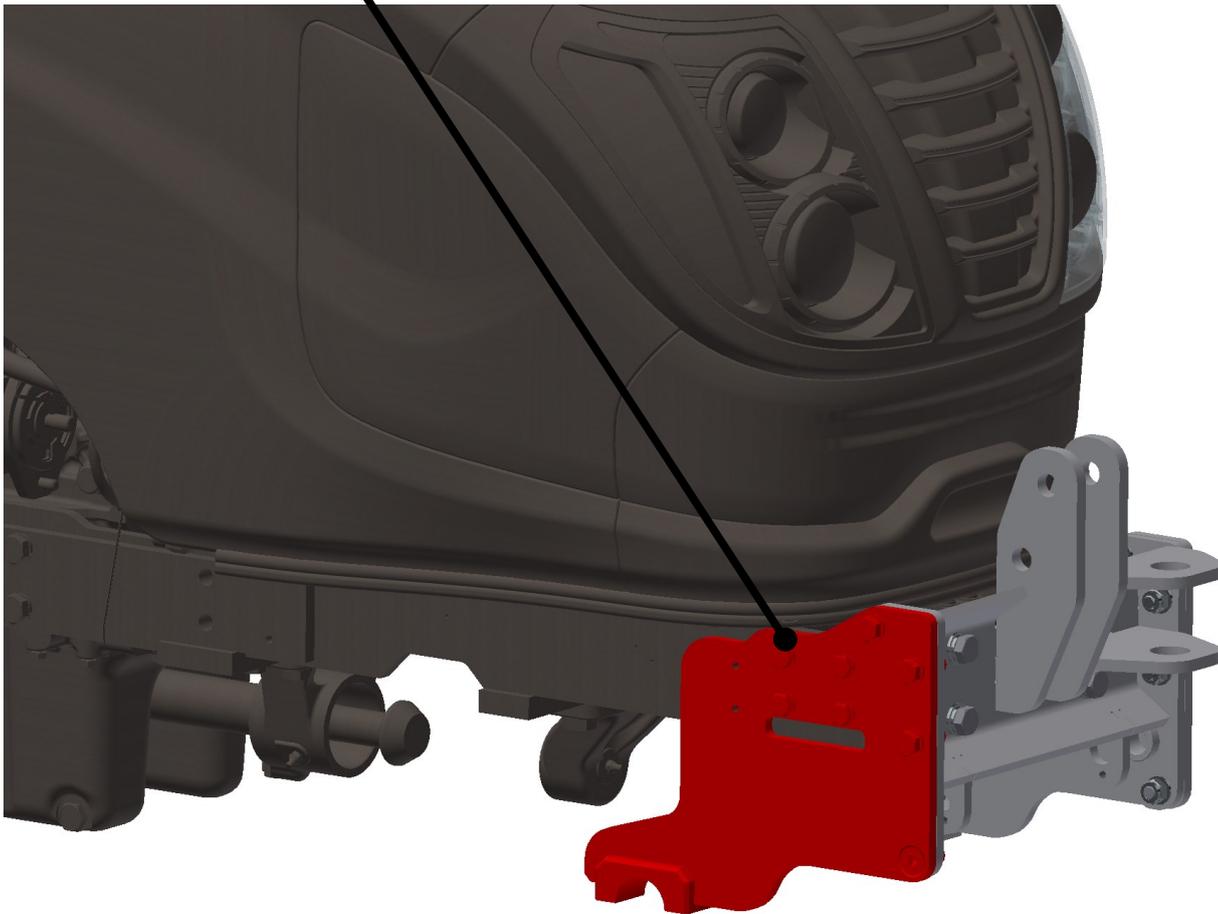
- 4 x DIN 933-M10x40-8.8
- 1 x DIN 7991-M12x35-10.9
- 3 x DIN 931-M12x40-10.9
- 7 x DIN 125-A-13
- 8 x DIN 125-A-10
- 4 x DIN 985-M12-8
- 4 x DIN 985-M10-8



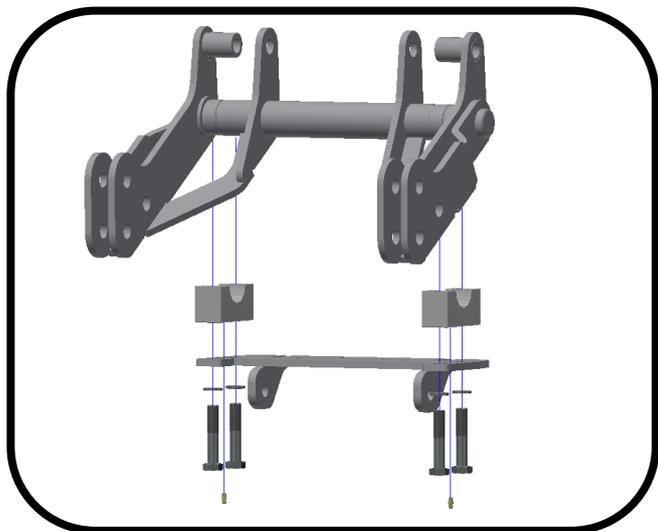
3



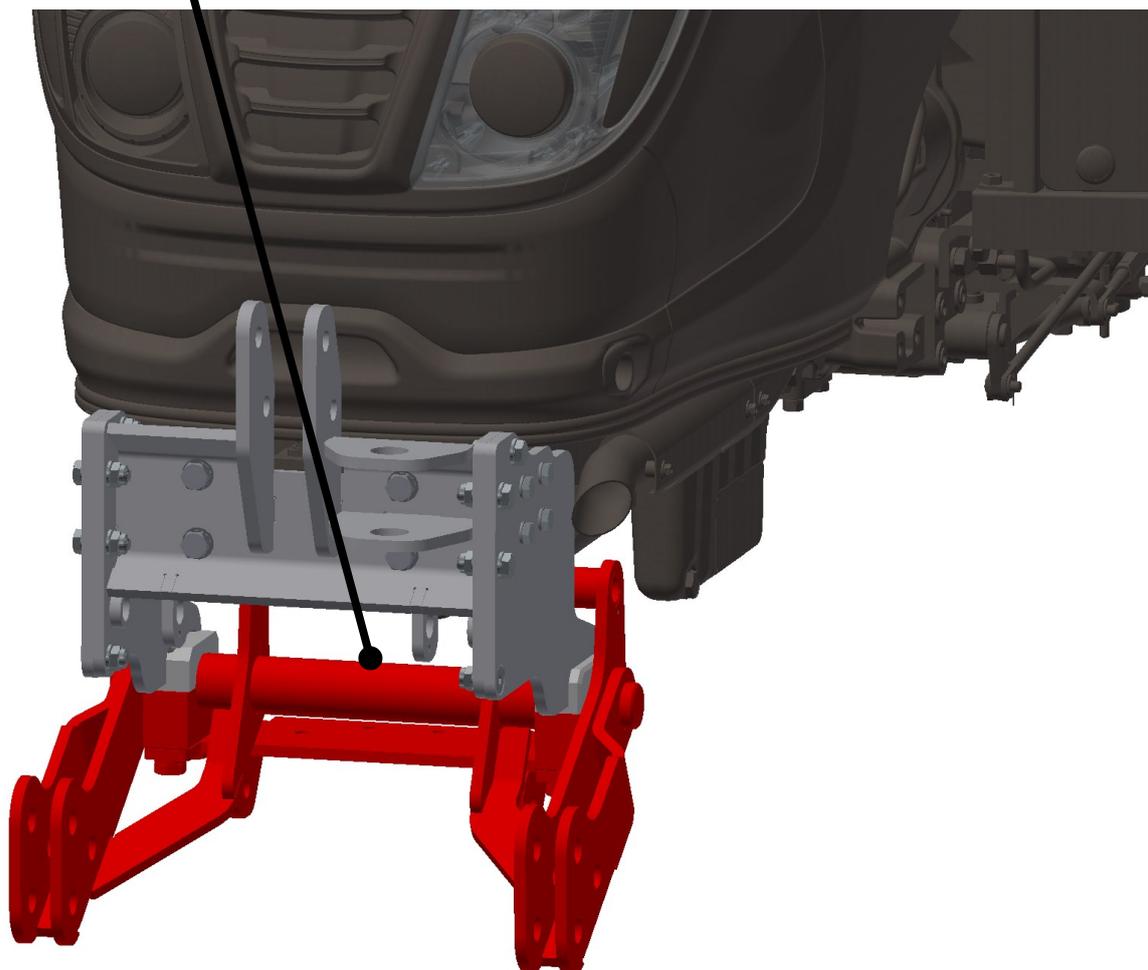
- 4 x DIN 933-M10x40-8.8
- 1 x DIN 7991-M12x35-10.9
- 3 x DIN 931-M12x40-10.9
- 7 x DIN 125-A-13
- 8 x DIN 125-A-10
- 4 x DIN 985-M12-8
- 4 x DIN 985-M10-8



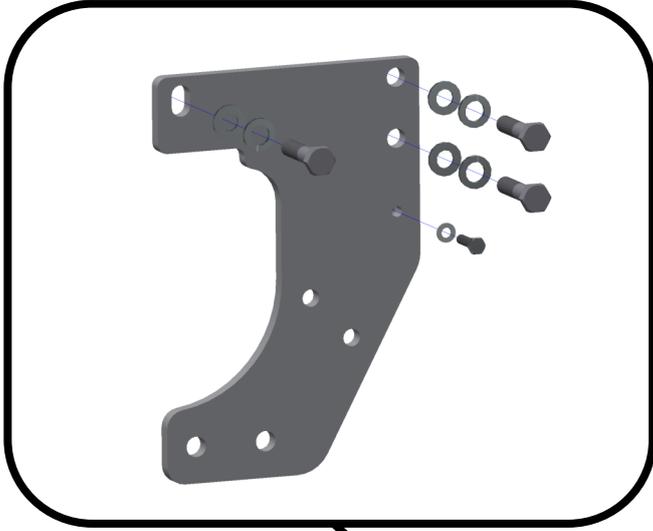
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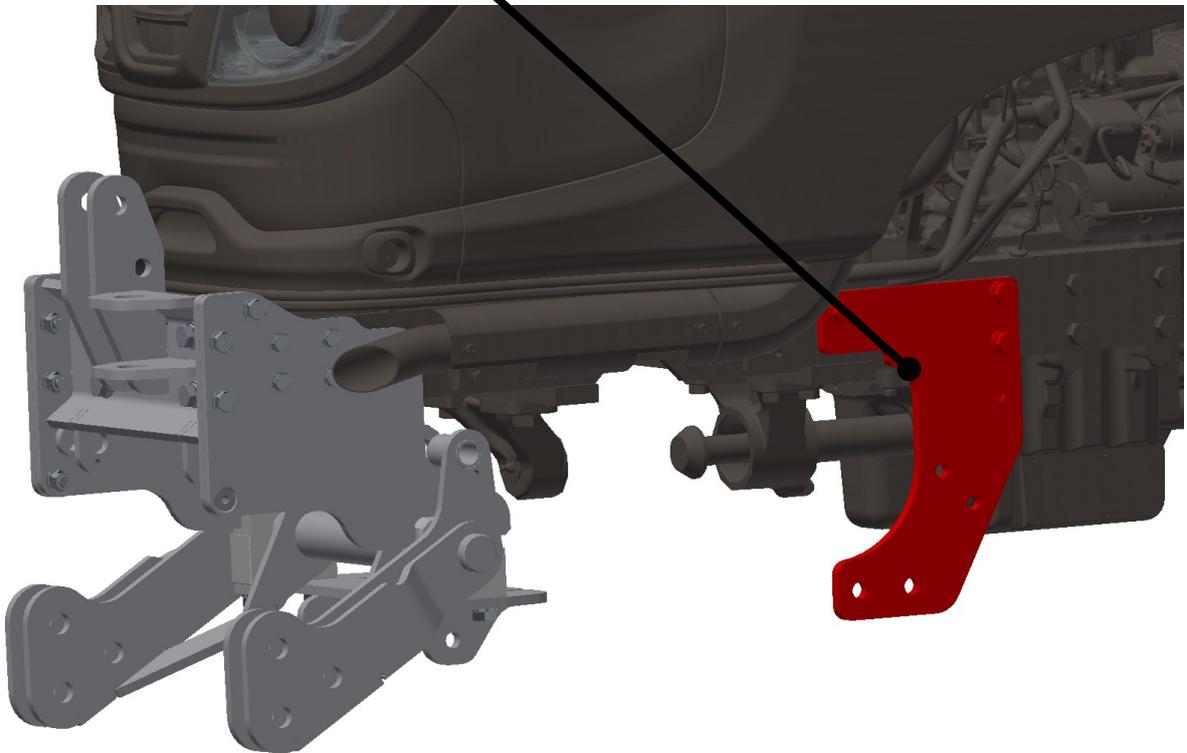
4 x DIN 127-A-16
4 x DIN 931-M16x80-8.8
2 x DIN 71412-A-M6



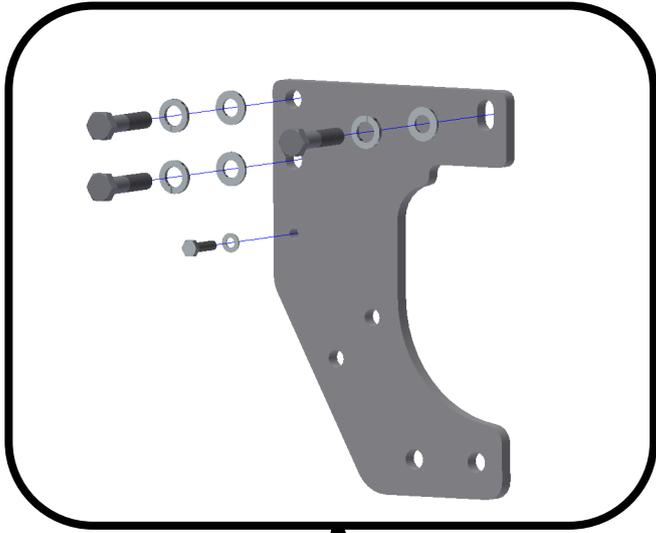
5



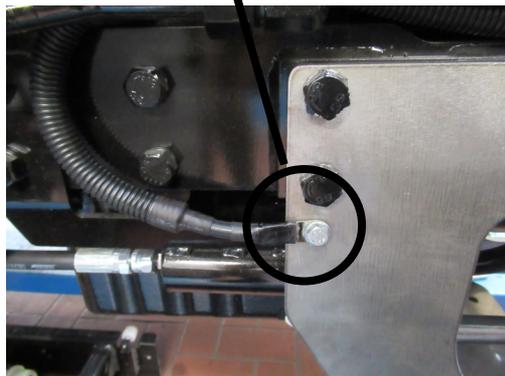
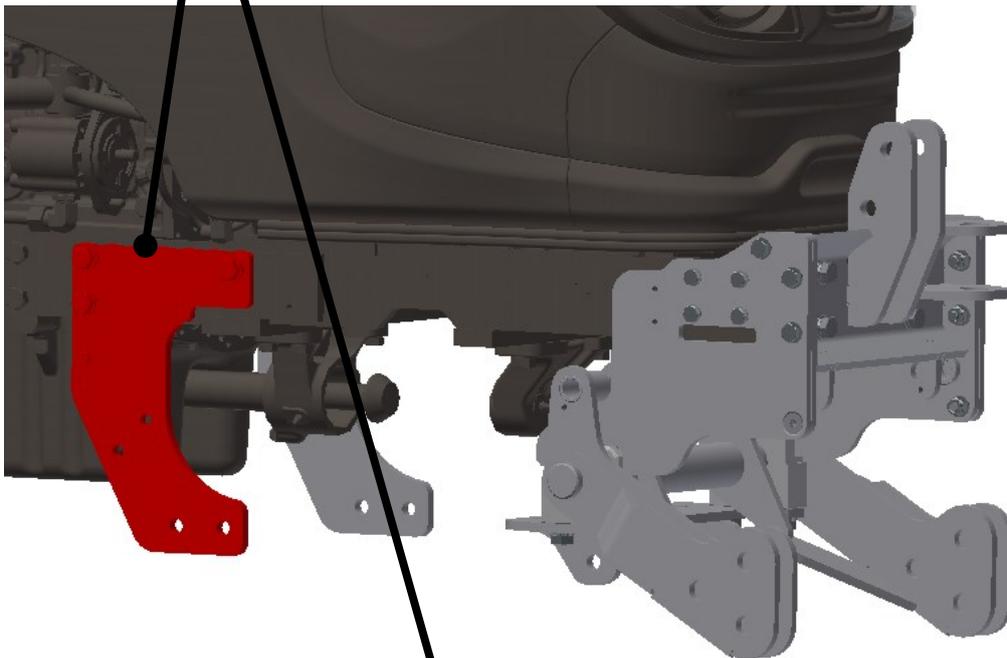
- 3 x DIN 931 - M14x60 - 8.8
- 3 x DIN 125-A-15
- 3 x DIN 127-A16
- 1 x DIN 933-M8x30-8.8
- 2 x DIN 125-A-8
- 1 x DIN 985-M8-8



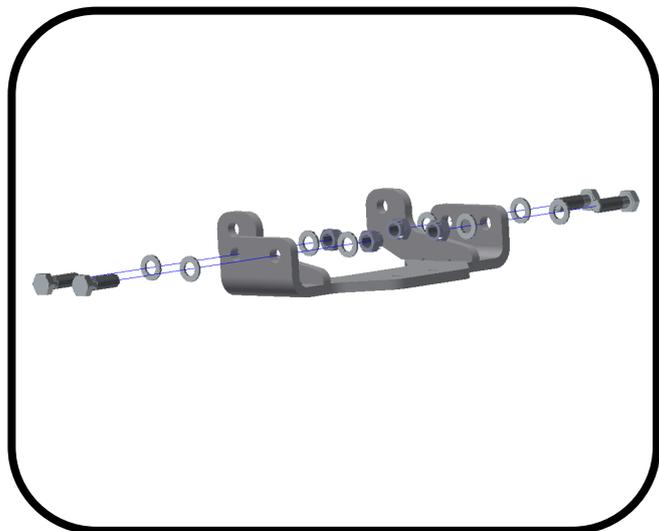
6



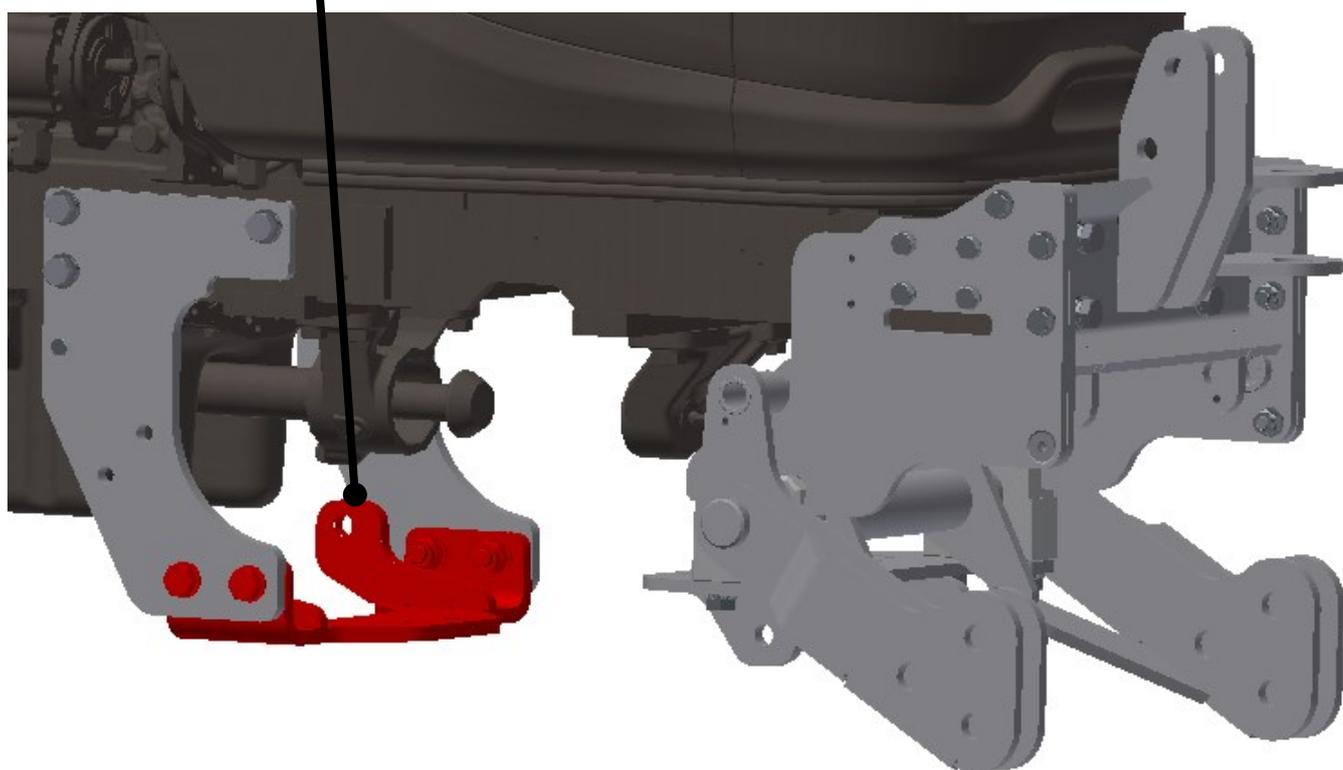
- 3 x DIN 931 - M14x60 - 8.8
- 3 x DIN 125-A-15
- 3 x DIN 127-A16
- 1 x DIN 933-M8x30-8.8
- 2 x DIN 125-A-8
- 1 x DIN 985-M8-8



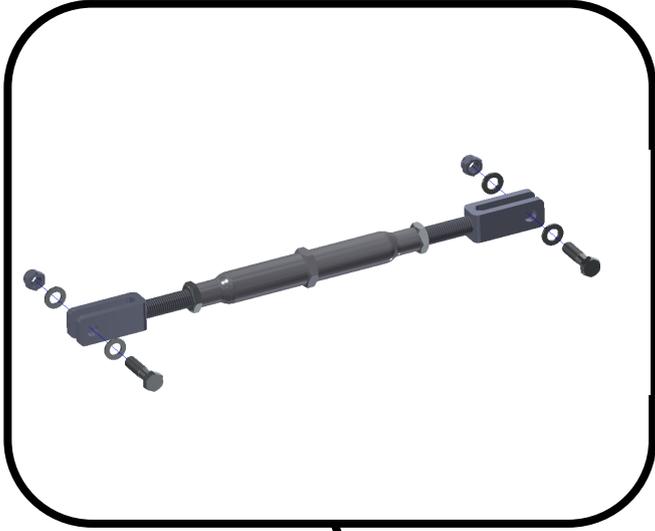
7



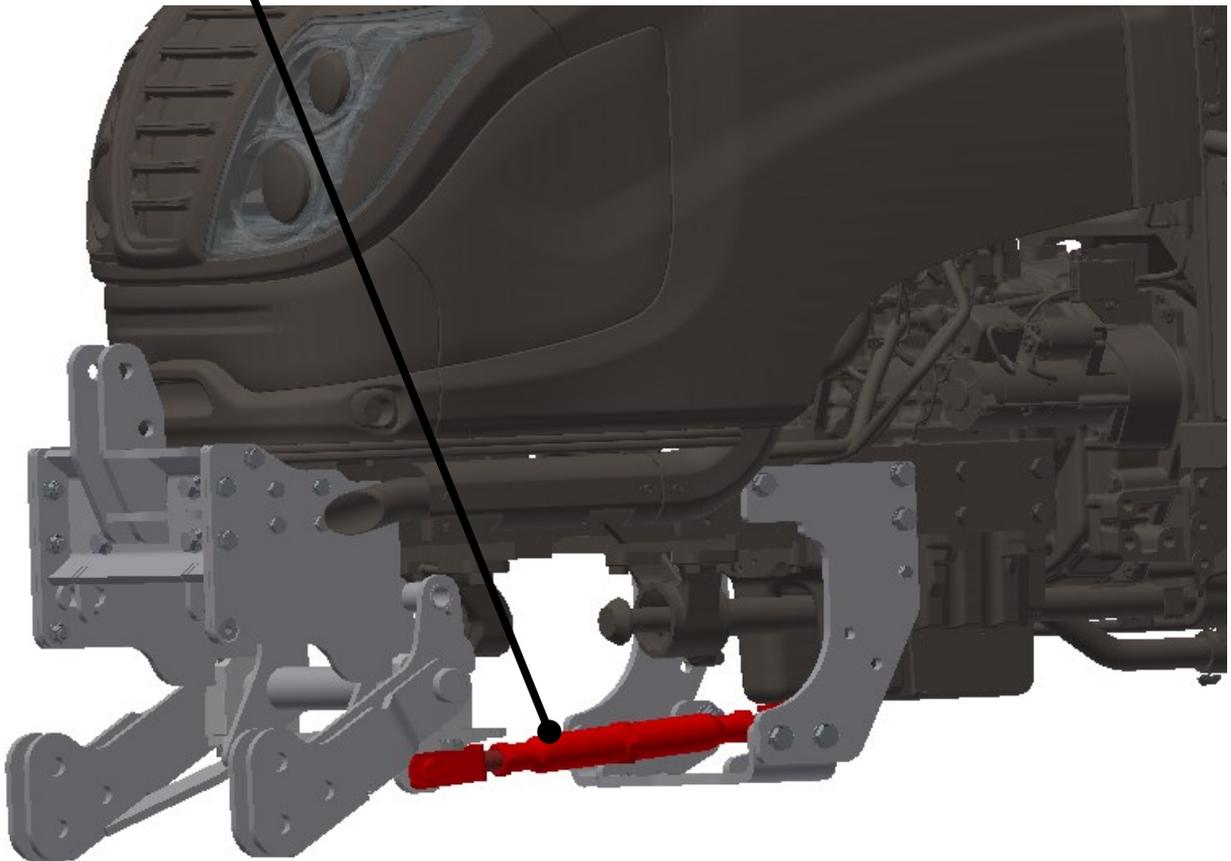
4 x DIN 931-M16x50-8.8
8 x DIN 125-A-17
4 x DIN 985-M16-10



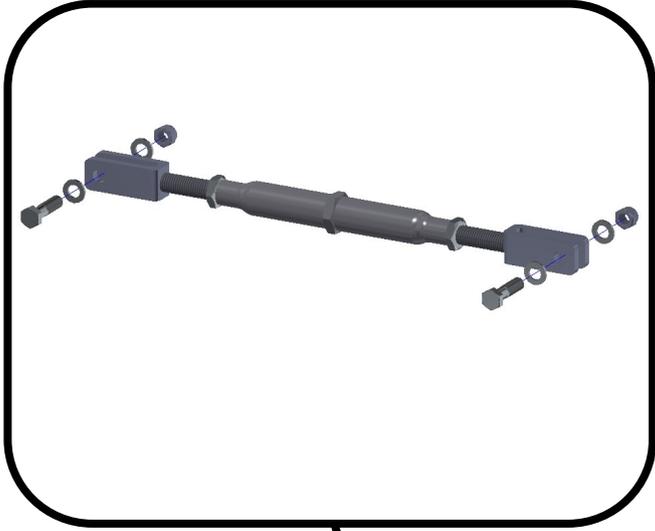
8



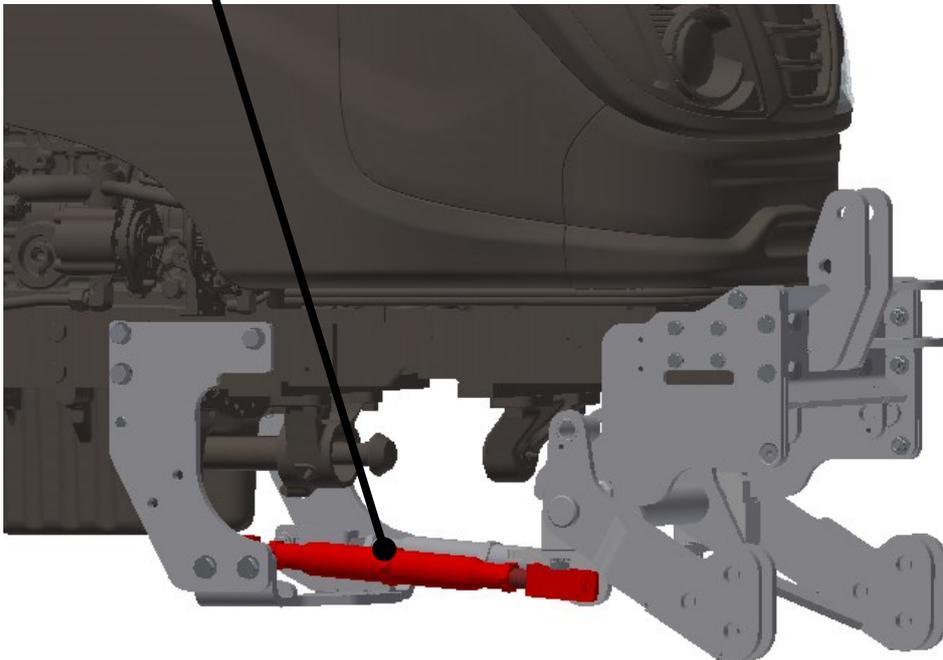
- 2 x DIN 931-M16x60-8.8
- 4 x DIN 125-A-17
- 2 x DIN 985-M16-10



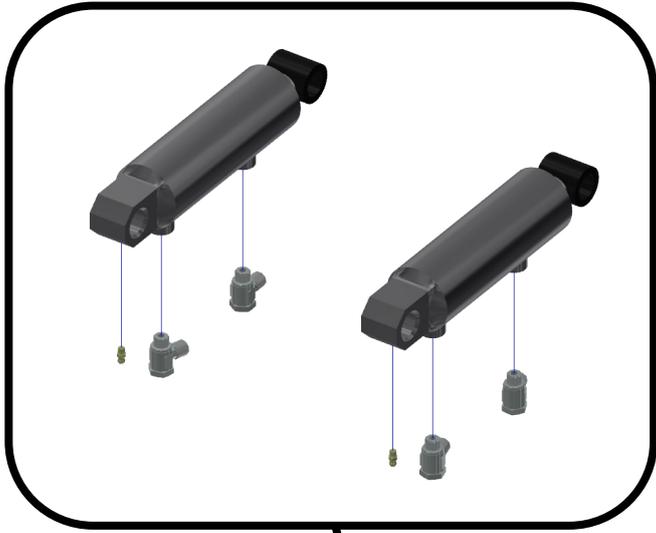
9



2 x DIN 931-M16x60-8.8
4 x DIN 125-A-17
2 x DIN 985-M16-10



10



4x



A

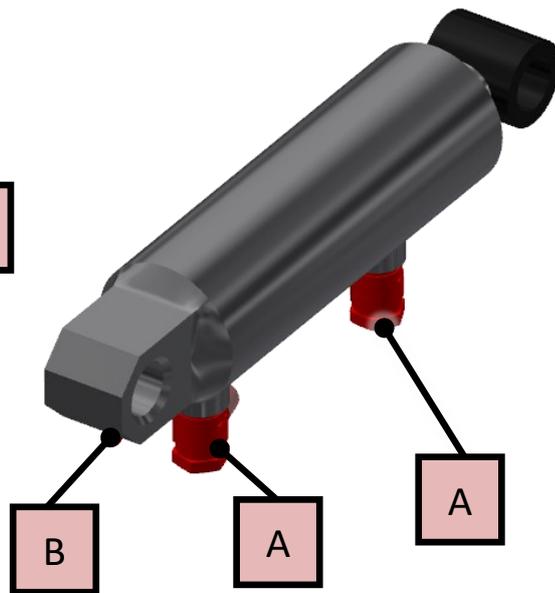
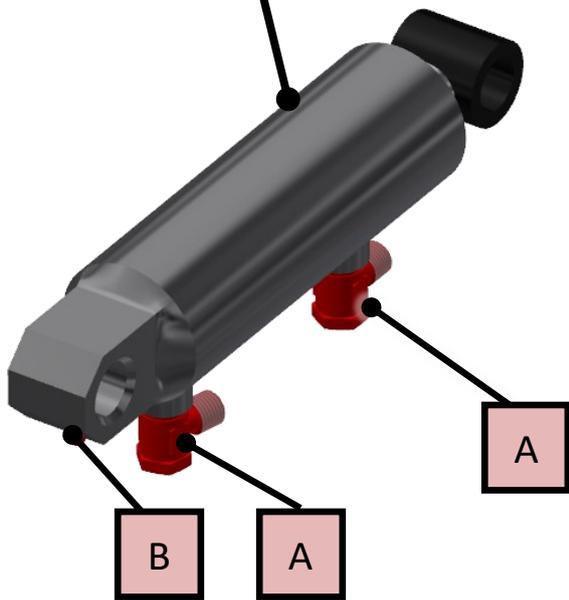
1/4" - 8L

2x

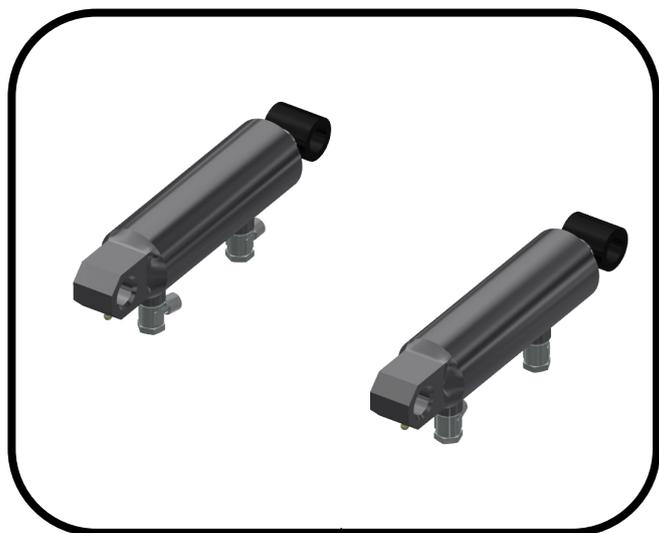


B

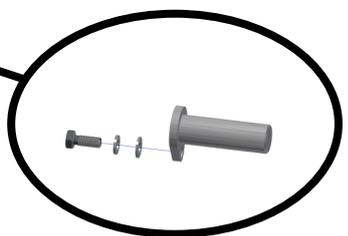
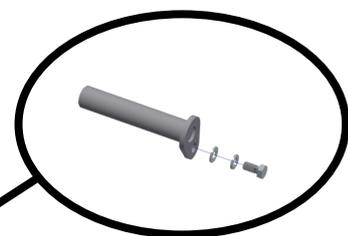
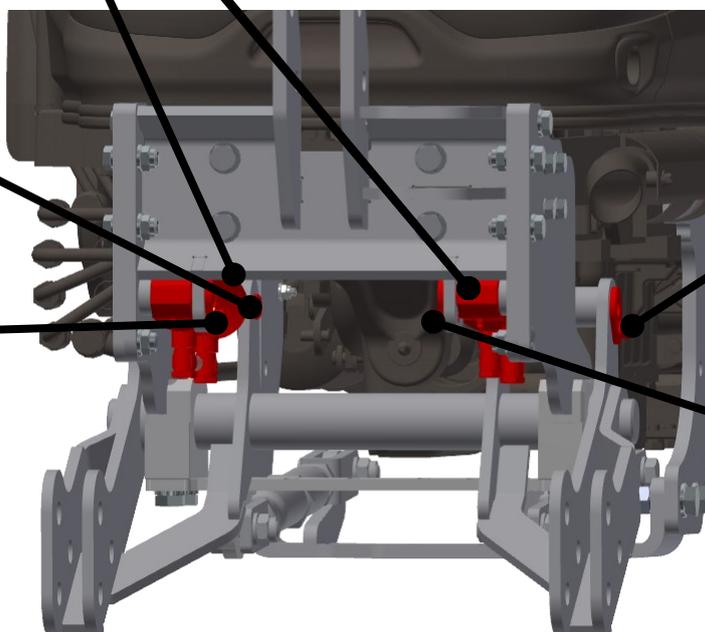
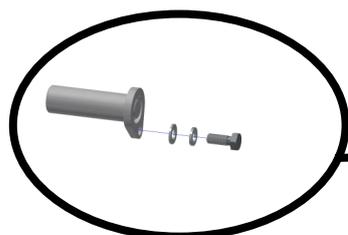
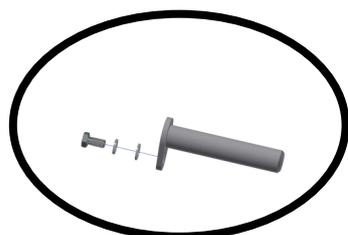
DIN 71412



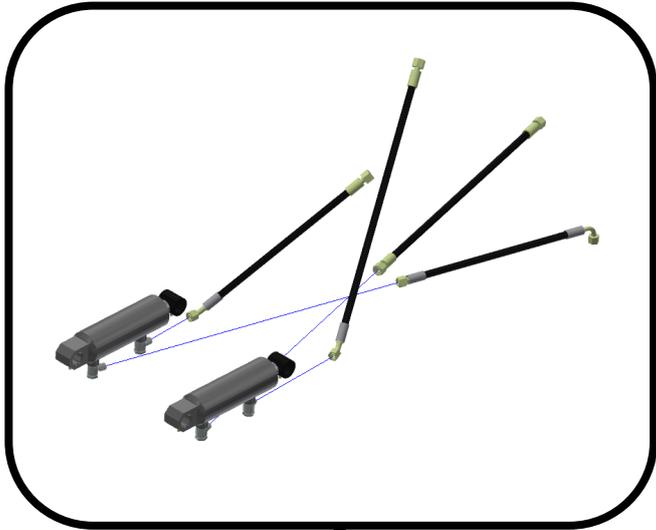
11



- 2 x Bolzen (Bolt) Ø22x110
- 2 x Bolzen (Bolt) Ø22 x 66
- 2 x DIN 933-M8x20-8.8
- 2 x DIN 933 - M8x16 - 8.8
- 4 x DIN 125-A-8
- 4 x DIN 127-A-8
- 4 x DIN 71412-A-M6



12



1x A1  A2 Ø6x1200

1x B1  B2 Ø6x1000

1x C1  C2 Ø6x960

1x D1  D2 Ø6x850



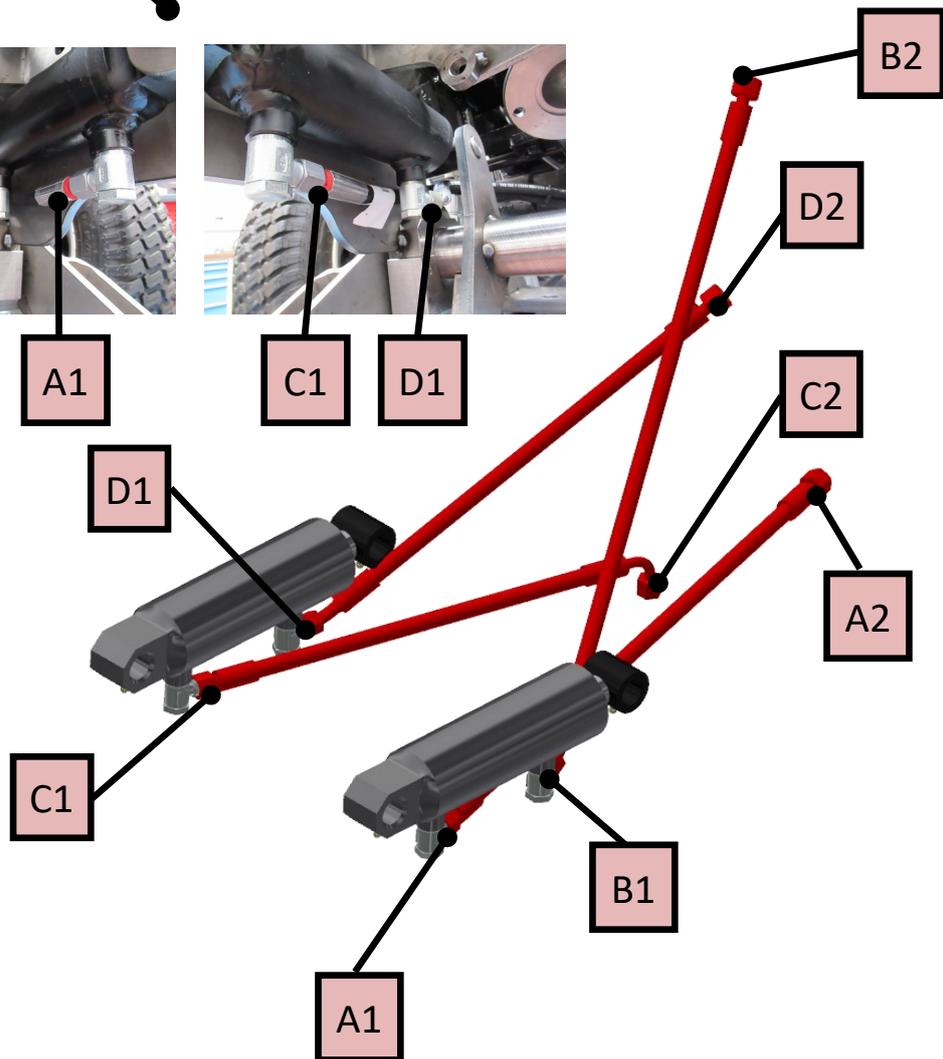
B1

A1

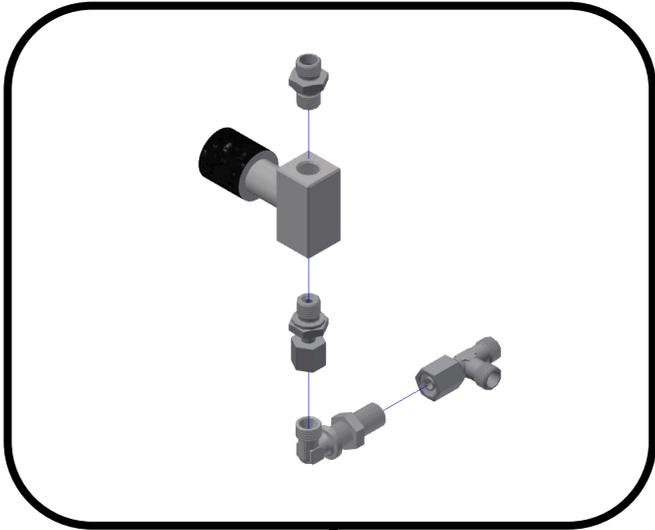


C1

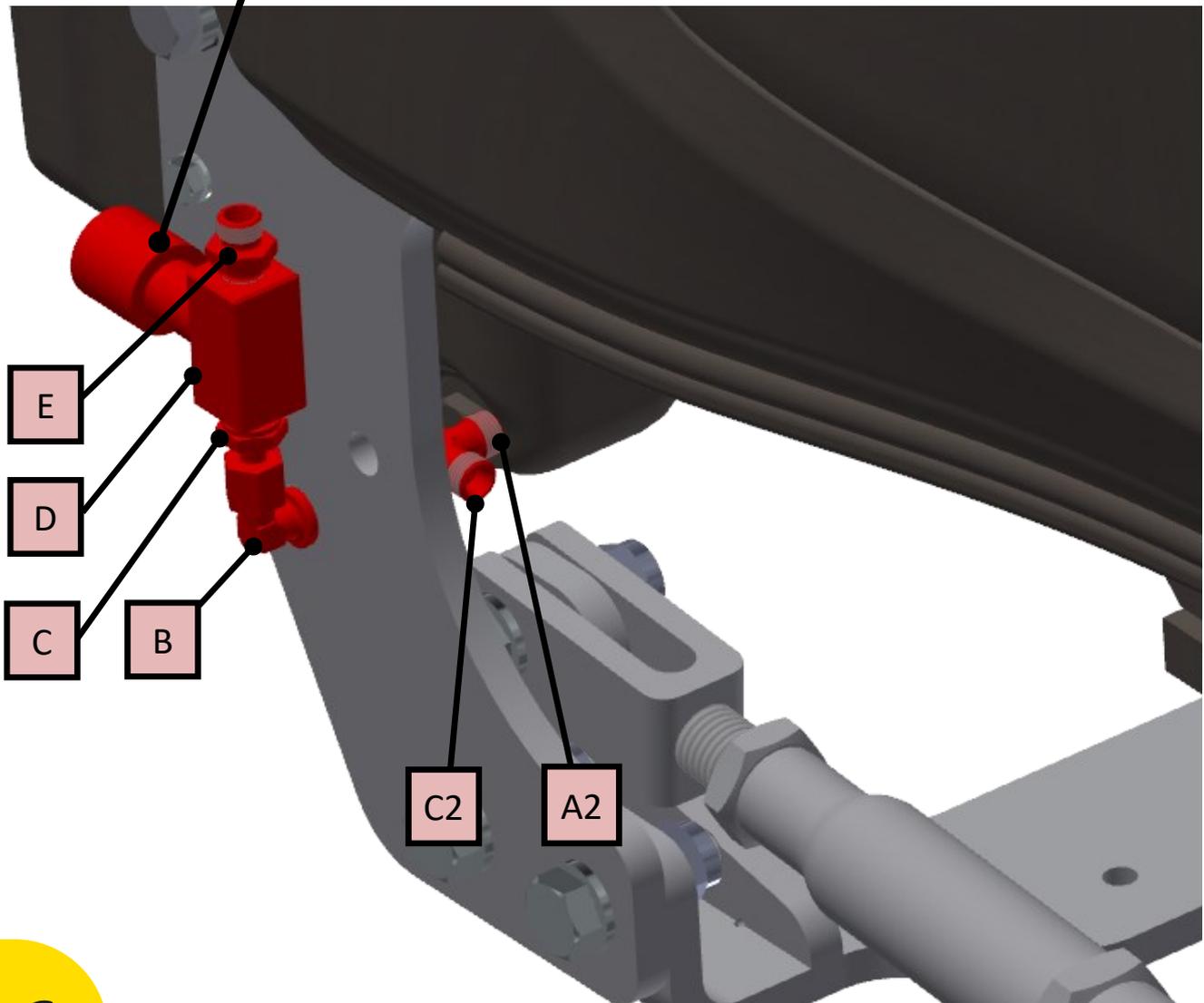
D1



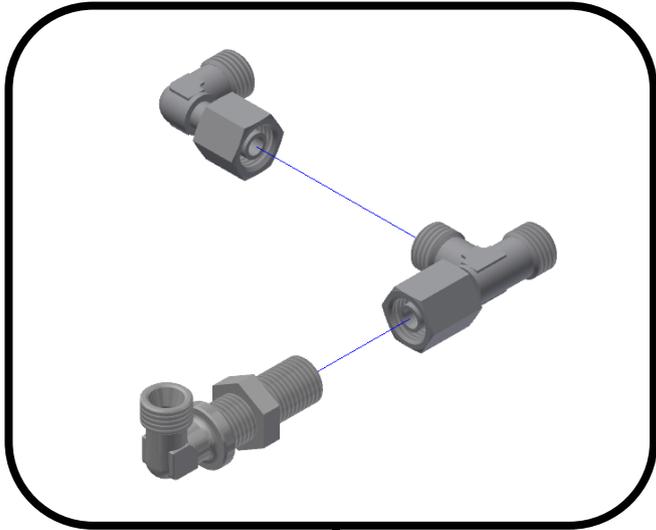
13



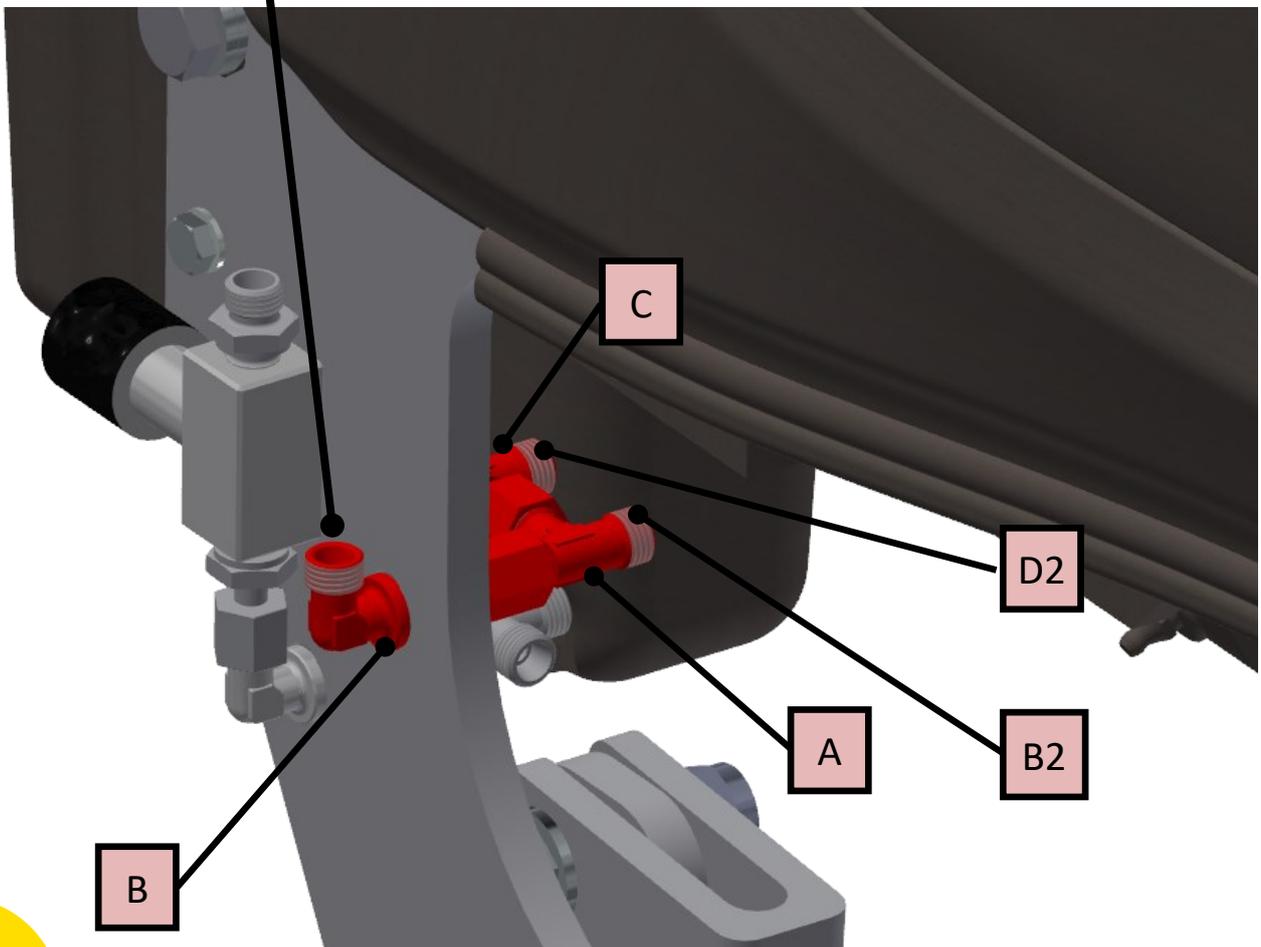
- | | | | |
|----|---|---|----------|
| 1x |  | A | 8L |
| 1x |  | B | 8L |
| 1x |  | □ | 1/4"- 8L |
| 1x |  | D | G 1/4" |
| 1x |  | E | 1/4"- 8L |



14



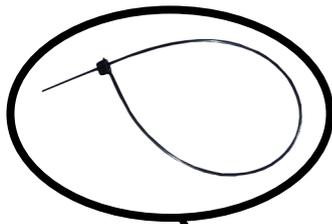
- | | | | |
|----|---|---|----|
| 1x |  | A | 8L |
| 1x |  | B | 8L |
| 1x |  | C | 8L |



15



Anschlussposition Rahmen
unterzug
(connection position frame
support)

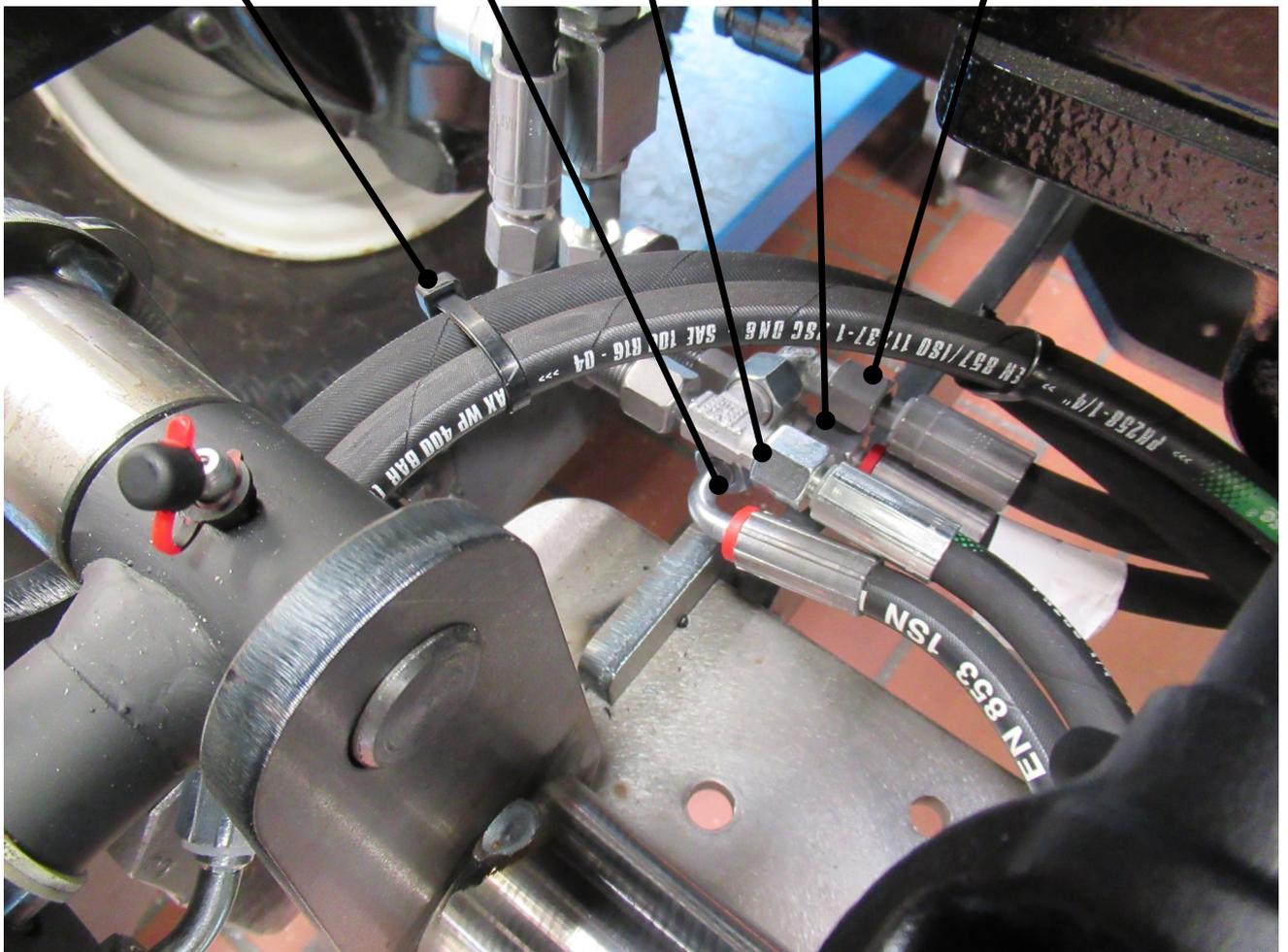


C2

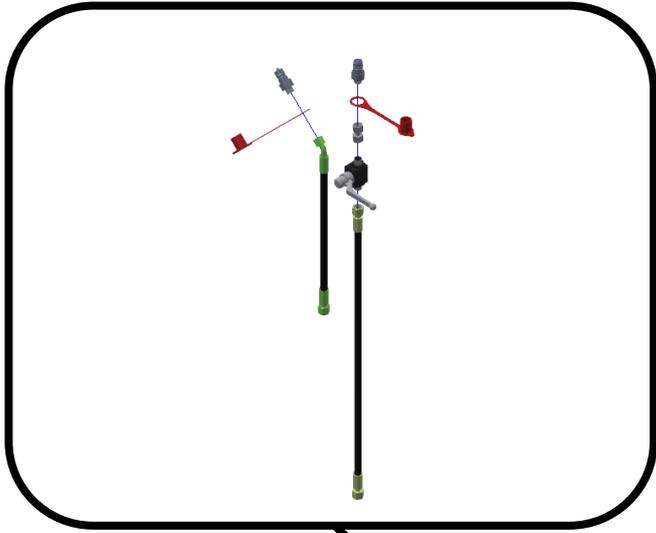
B2

A2

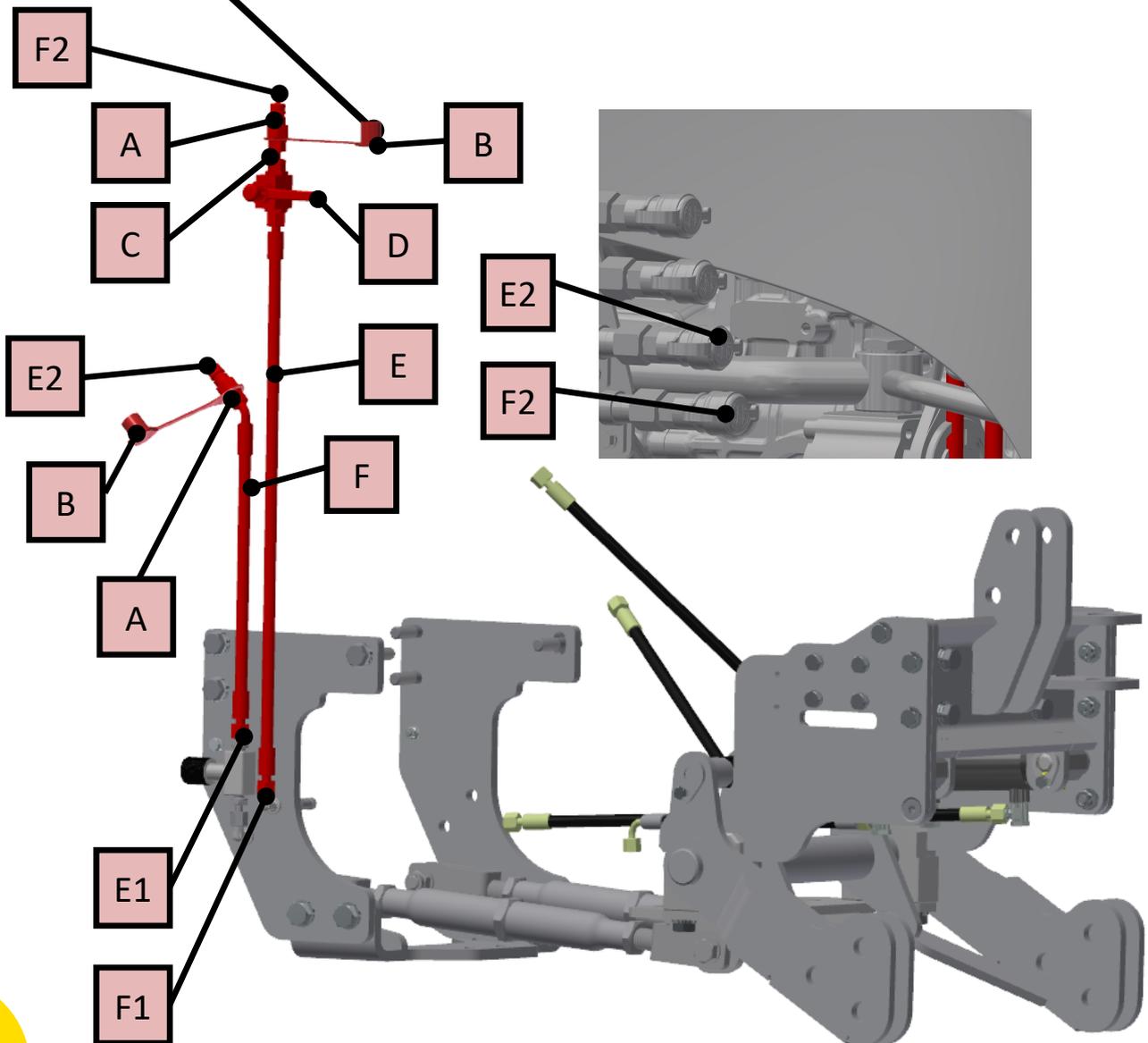
D2



16



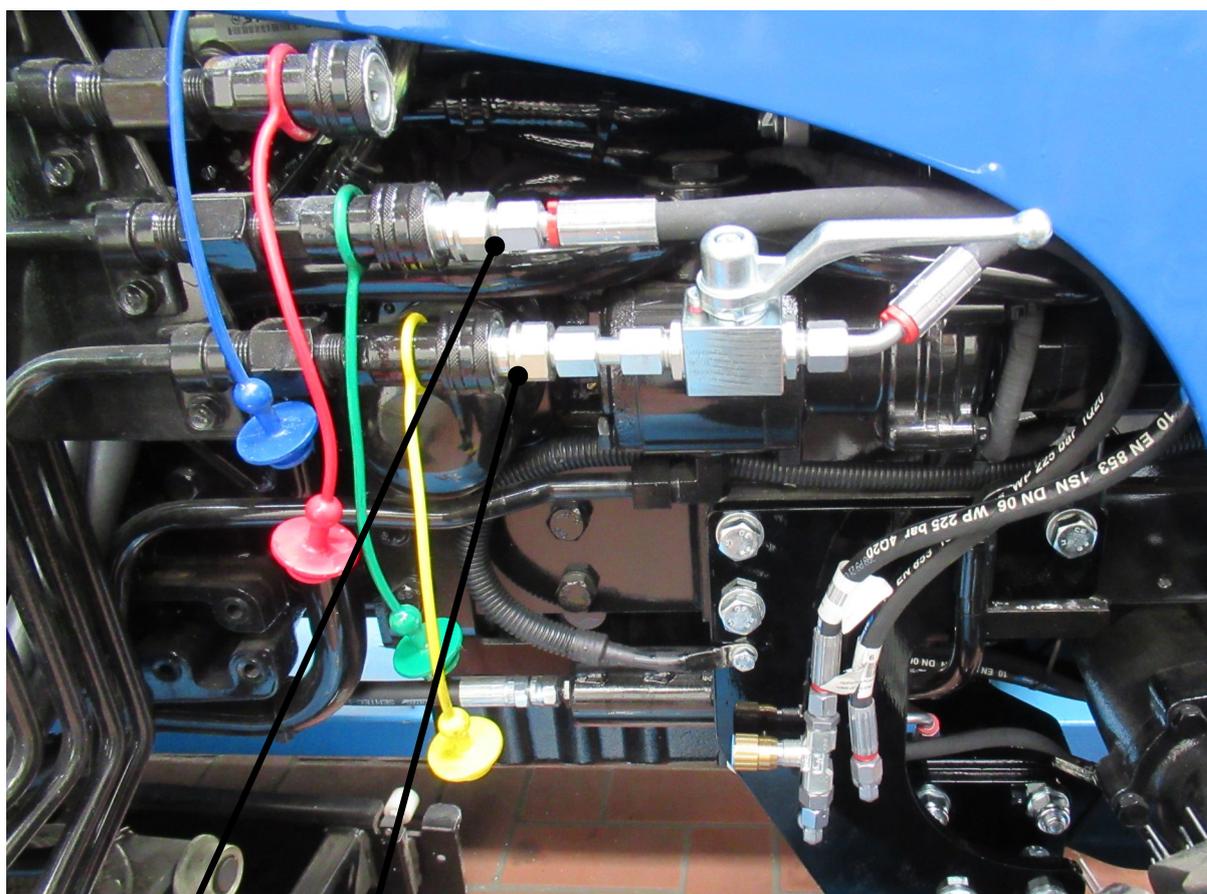
- | | | | |
|----|--|----|---------|
| 2x |  | A | BG2- 8L |
| 2x |  | B | BG2 |
| 1x |  | C | 8L |
| 1x |  | D | 8L |
| 1x | F1  | F2 | Ø6x550 |
| 1x | E1  | E2 | Ø6x630 |





Anschlussposition Traktor
(connection position Traktor)

E2 = heben (lift)
F2 = senken (lower)



E2

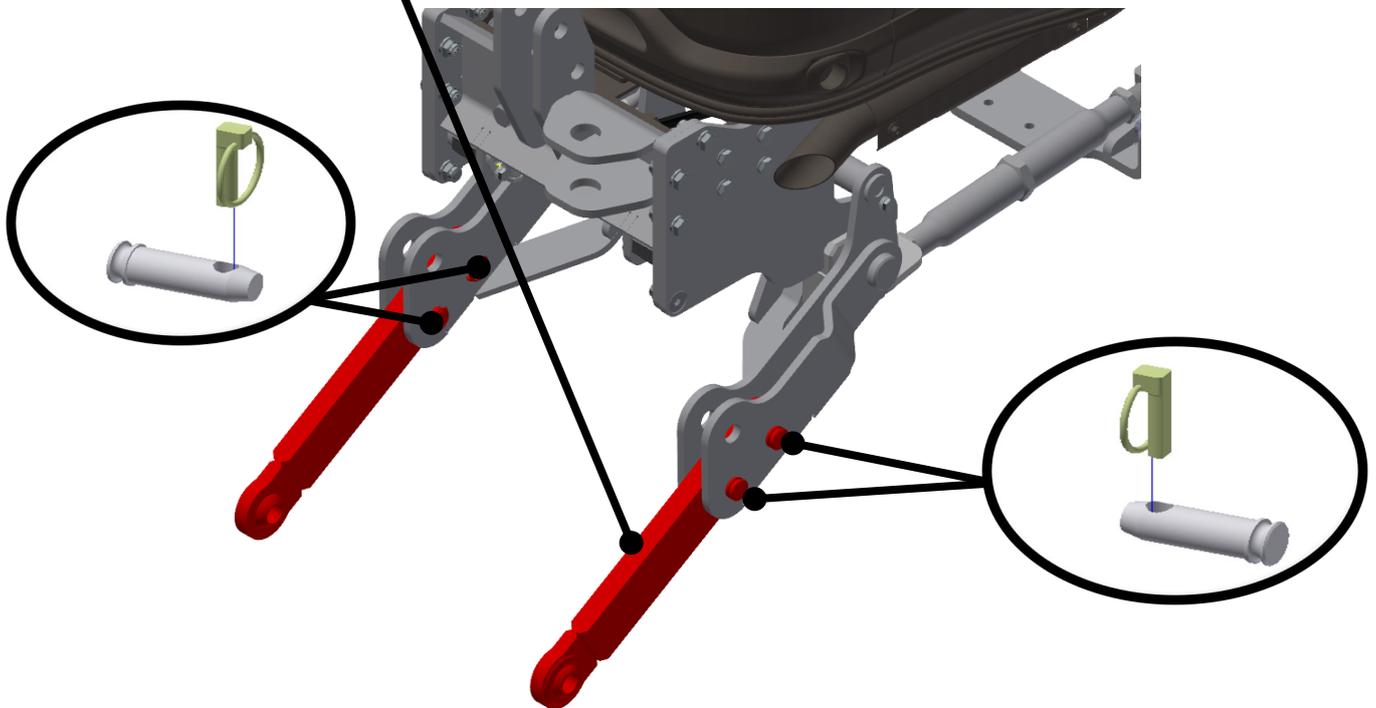
F2



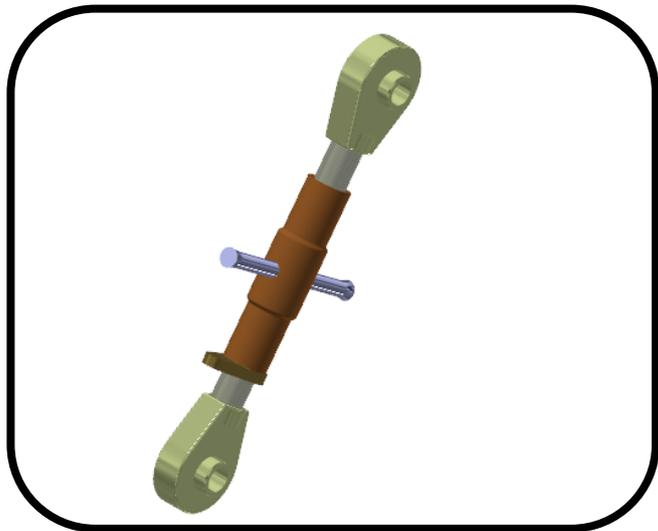
18



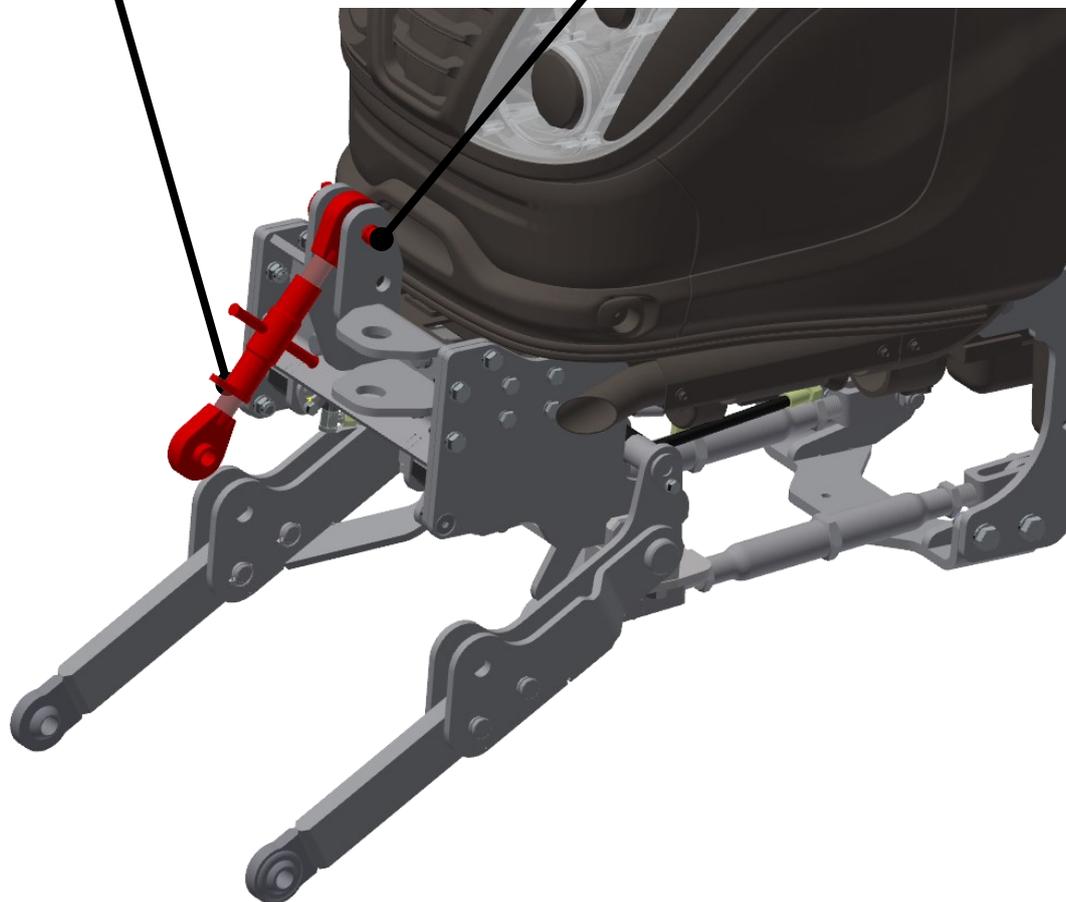
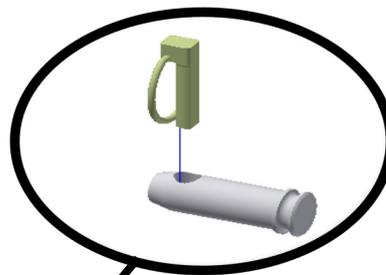
4 x Unterlenkbolzen $\text{\O}22 \times 45$
(linch pin)
4 x DIN 11023-4x27



19



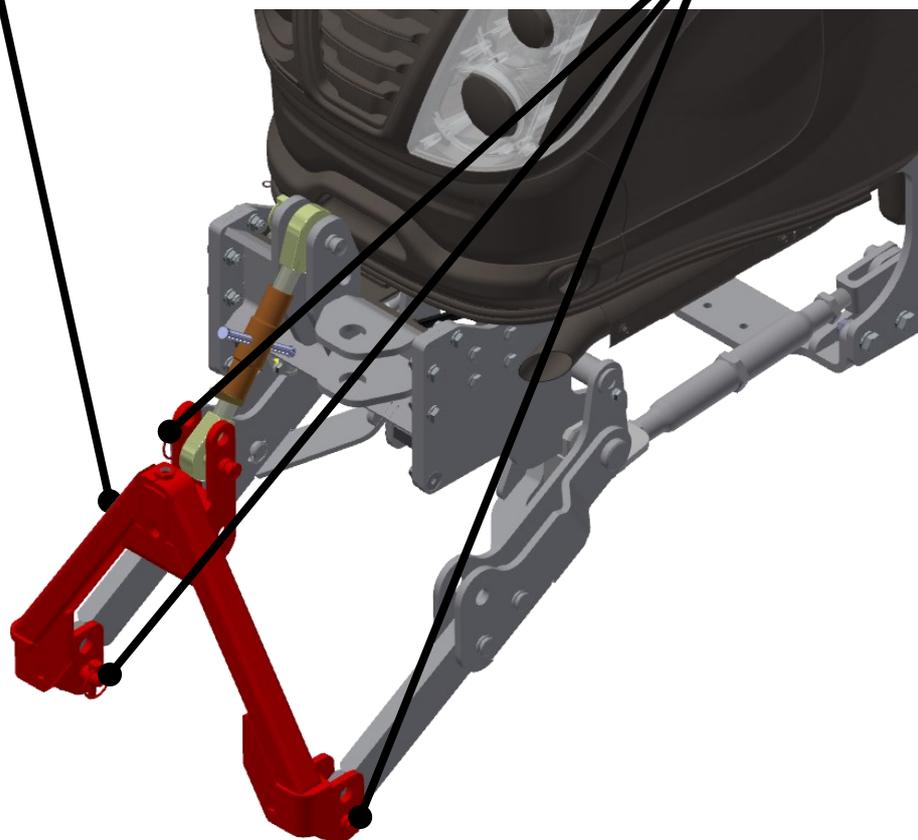
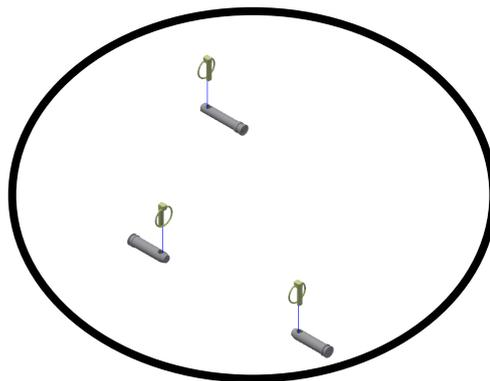
1 x Oberlenkerbolzen Ø19x95
(top link pin)
1 x DIN 11023-4x27



20



- 1 x Oberlenkerbolzen $\text{\O}19 \times 95$
(top link pin)
- 3 x Klappstecker DIN 11023-11x40
(linch pin)
- 2 x Unterlenkerbolzen $\text{\O}22 \times 95$
(lower link pin)

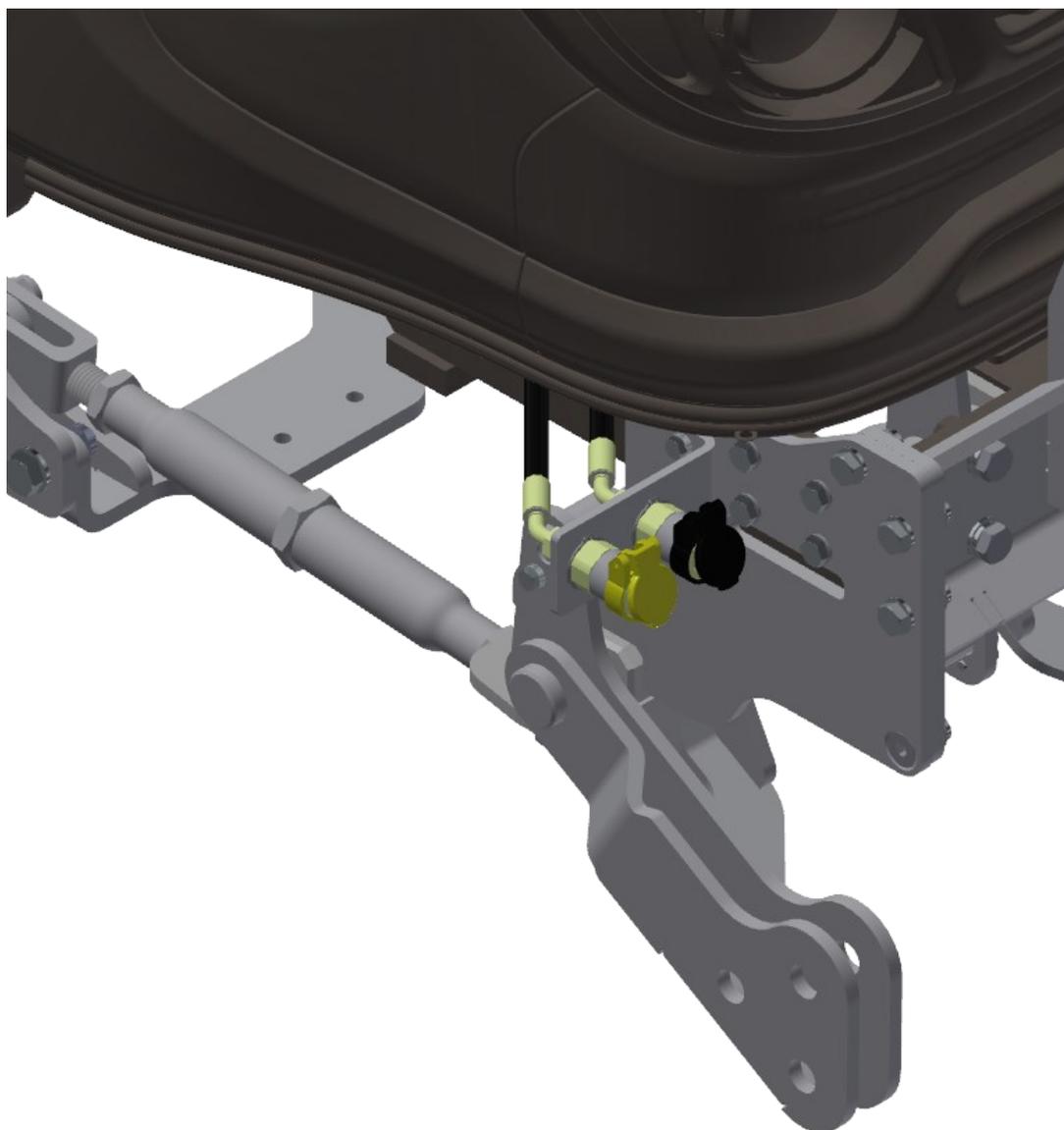


21

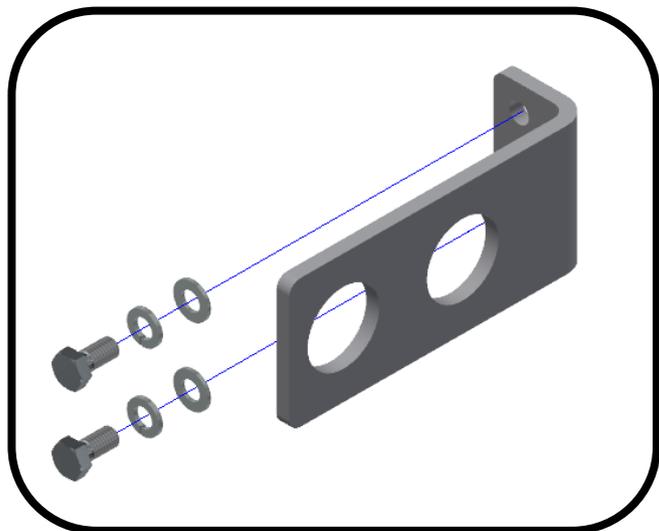


21 - 24

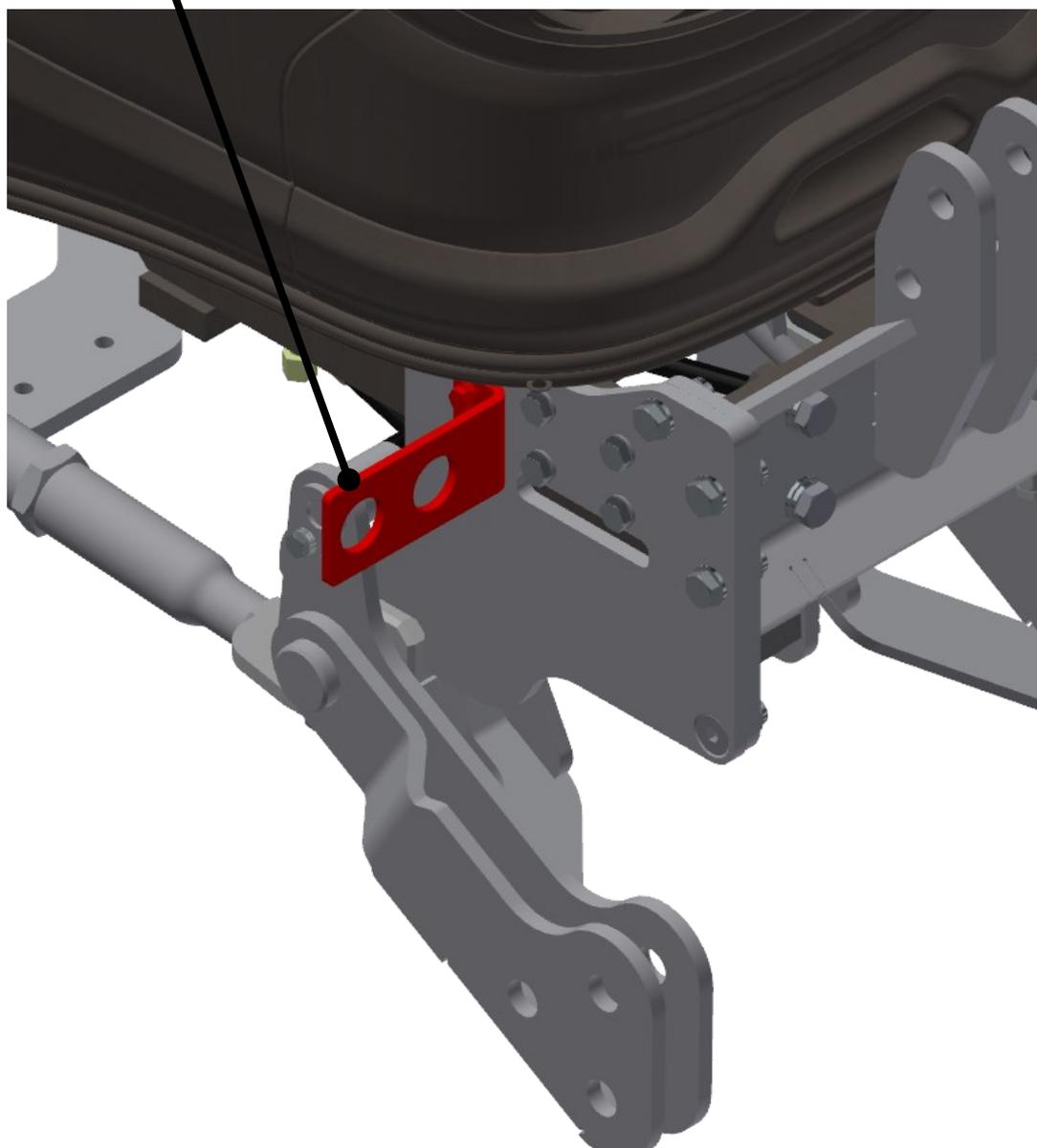
BG2-TF (BG3)



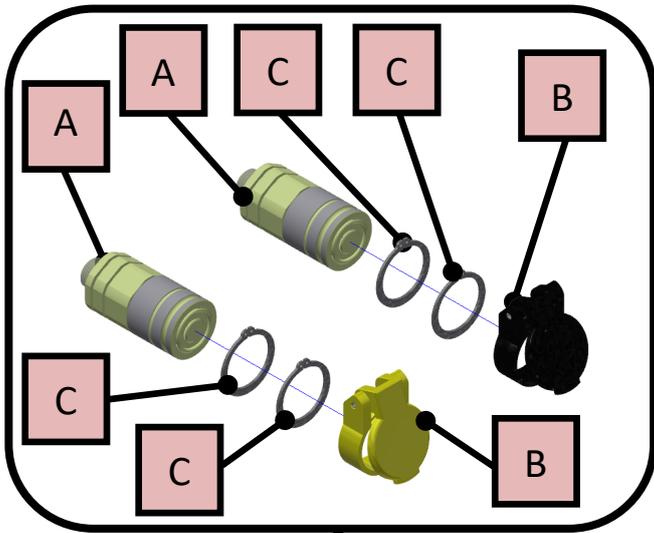
22



2 x DIN 933-M8x16-8.8
2 x DIN 125-A8
2 x DIN 127-A8



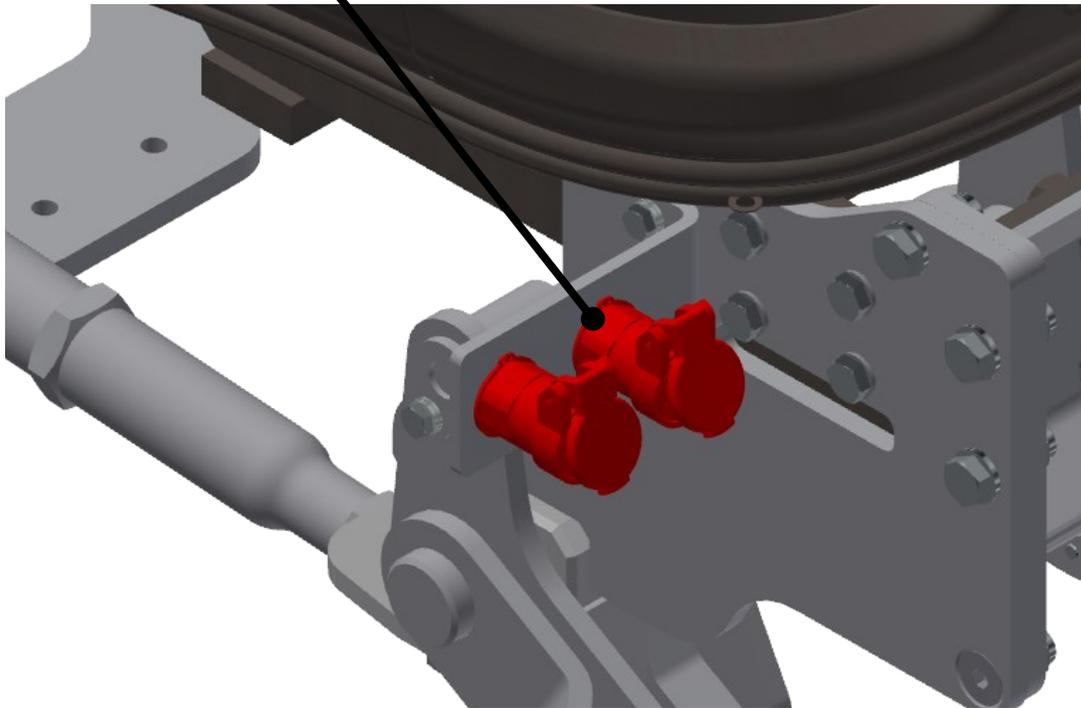
23



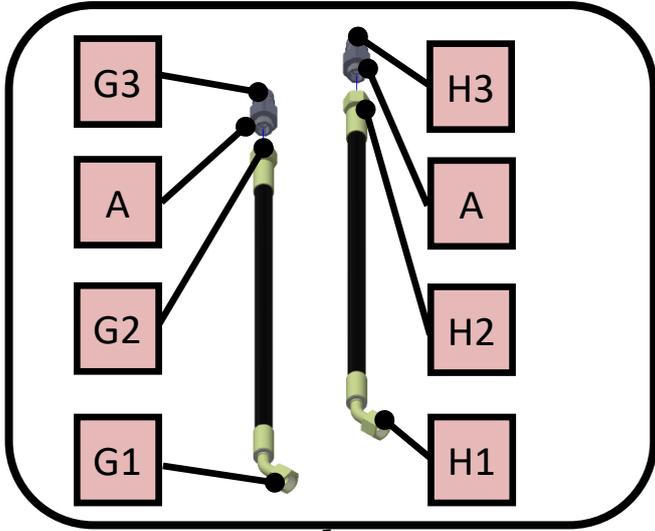
2x  A BG2-TF-10L
(BG3-10L)

2x  B BG2-TF
(BG3)

4x  C DIN 471-30x1,5
(DIN 471-38x1,5)



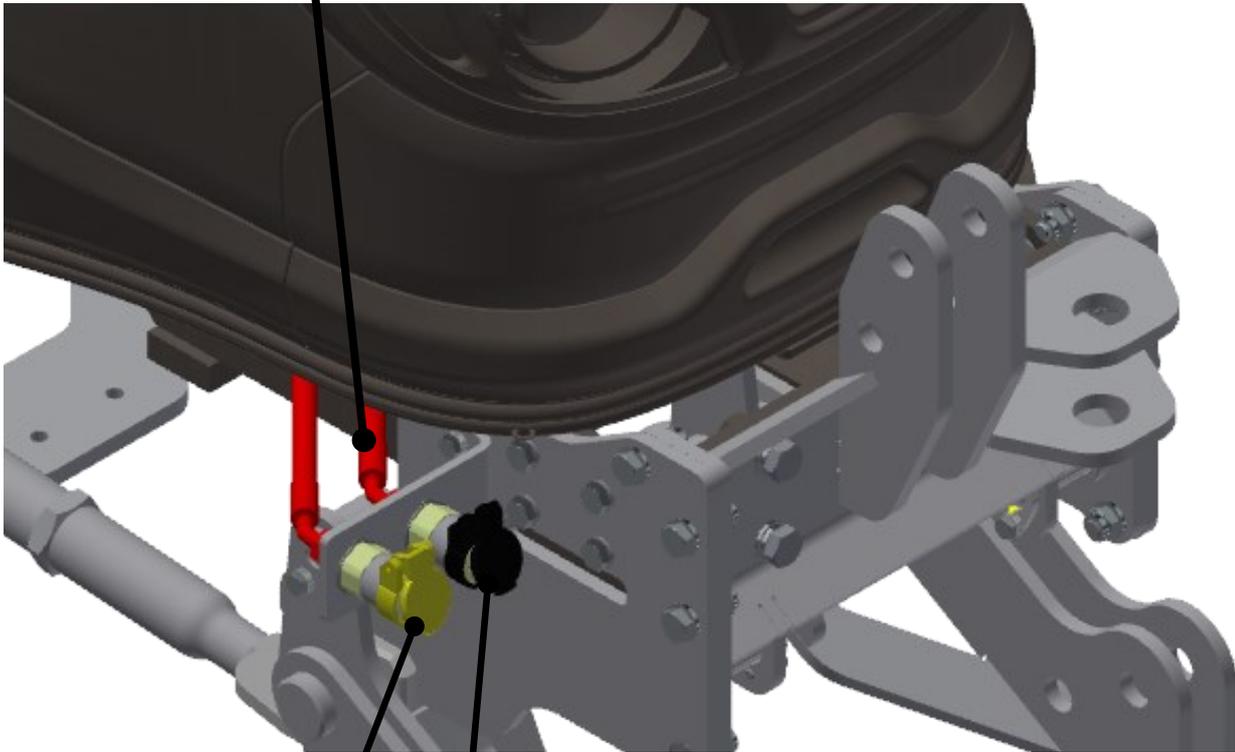
24



1x G1  G2 Ø8x1200

1x H1  H2 Ø8x1200

2x  B BG2-10L
(BG3-10L)



G1

H1

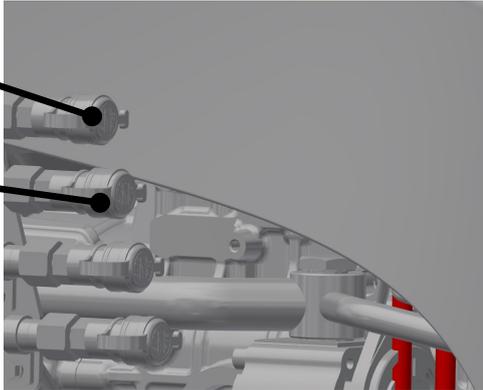




Anschlussposition Traktor
(connection position traktor)

G3

H3



G3

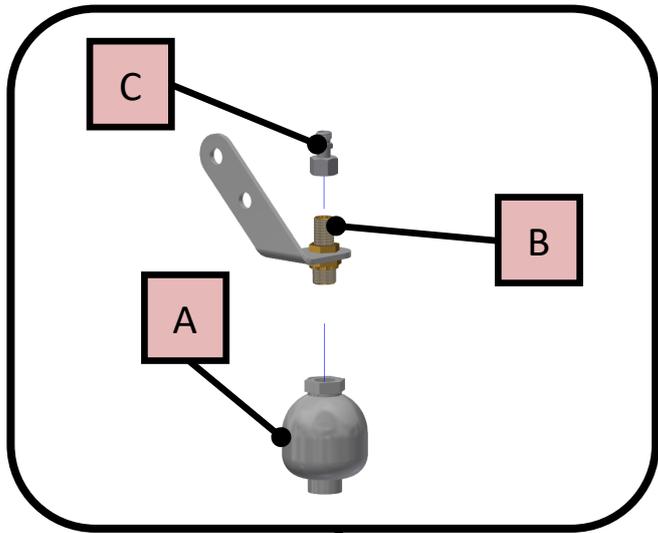
H3

G1

H1



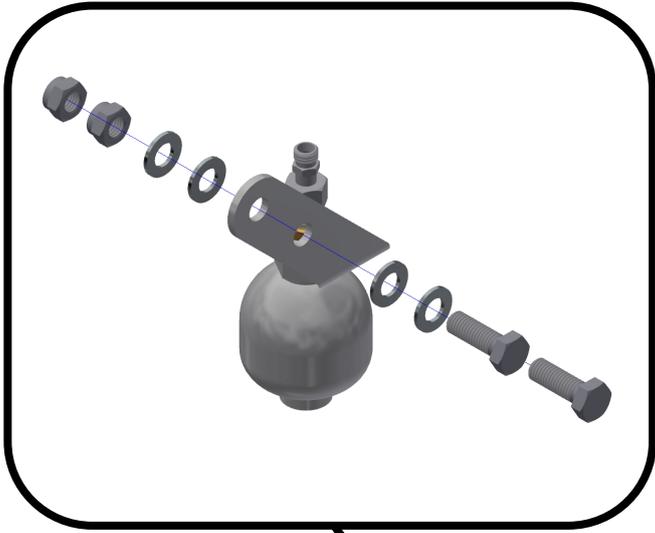
26



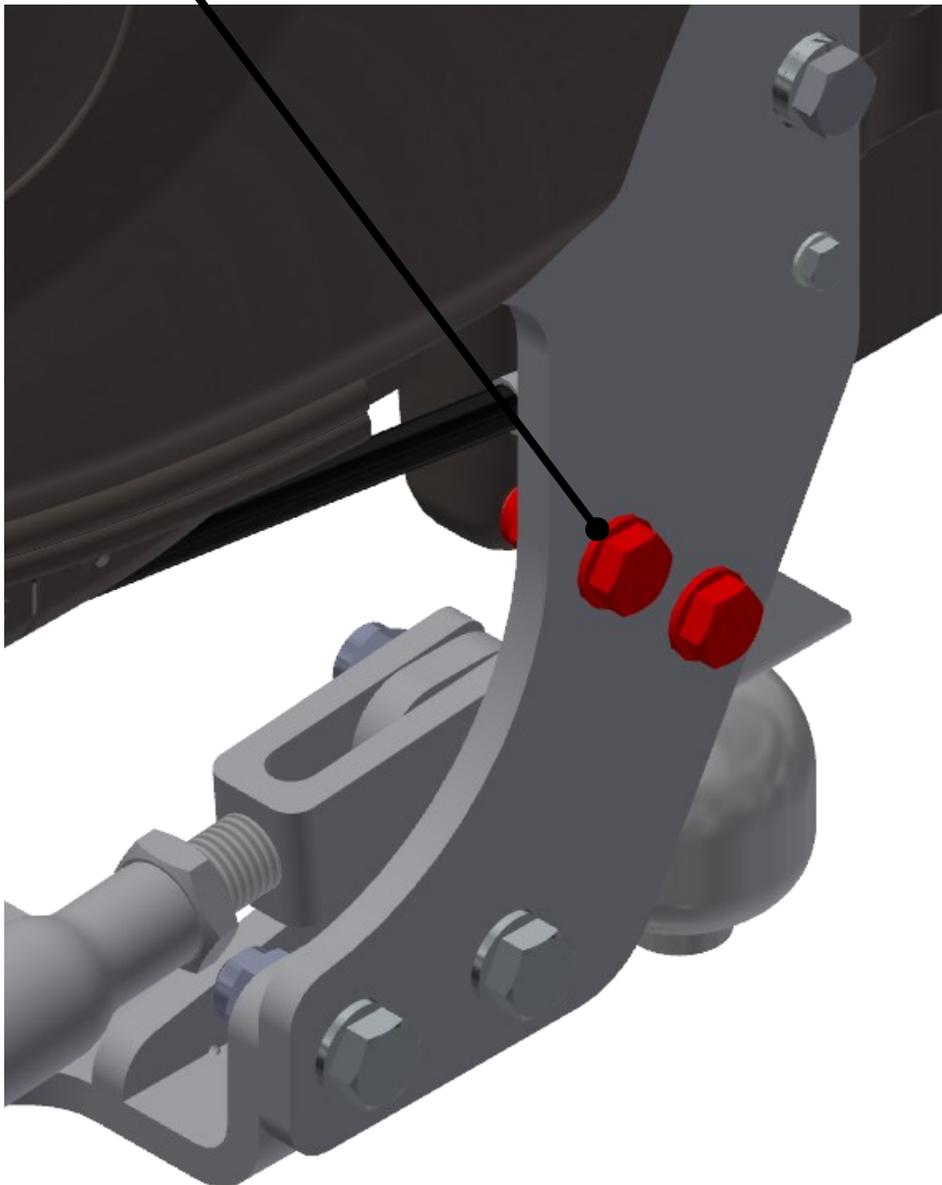
- | | | | |
|----|--|---|----------|
| 1x | | A | V=0,16L |
| 1x | | B | 1/2"-12L |
| 1x | | C | 8L-12L |



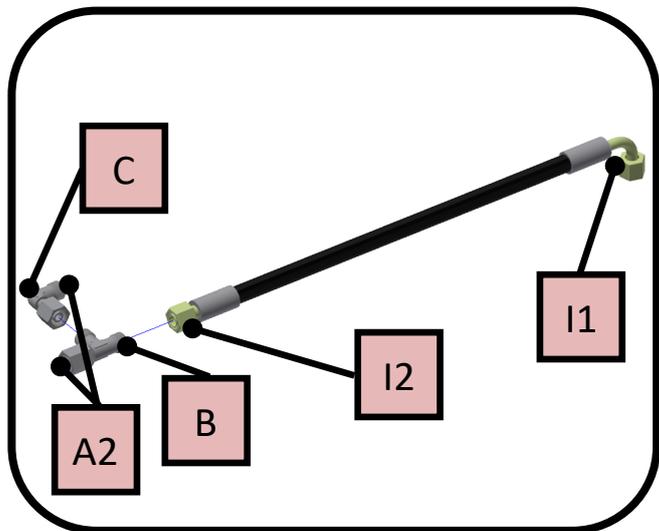
27



2 x DIN 933-M14x40-8.8
4 x DIN 125-A15
2 x DIN 985-M14-8



28



1x I1  I2 Ø6x960

1x  B 8L

1x  C 8L

A2 A2

