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# FLATBED

# IB-1200

## Code 86.5000

Version 09012024

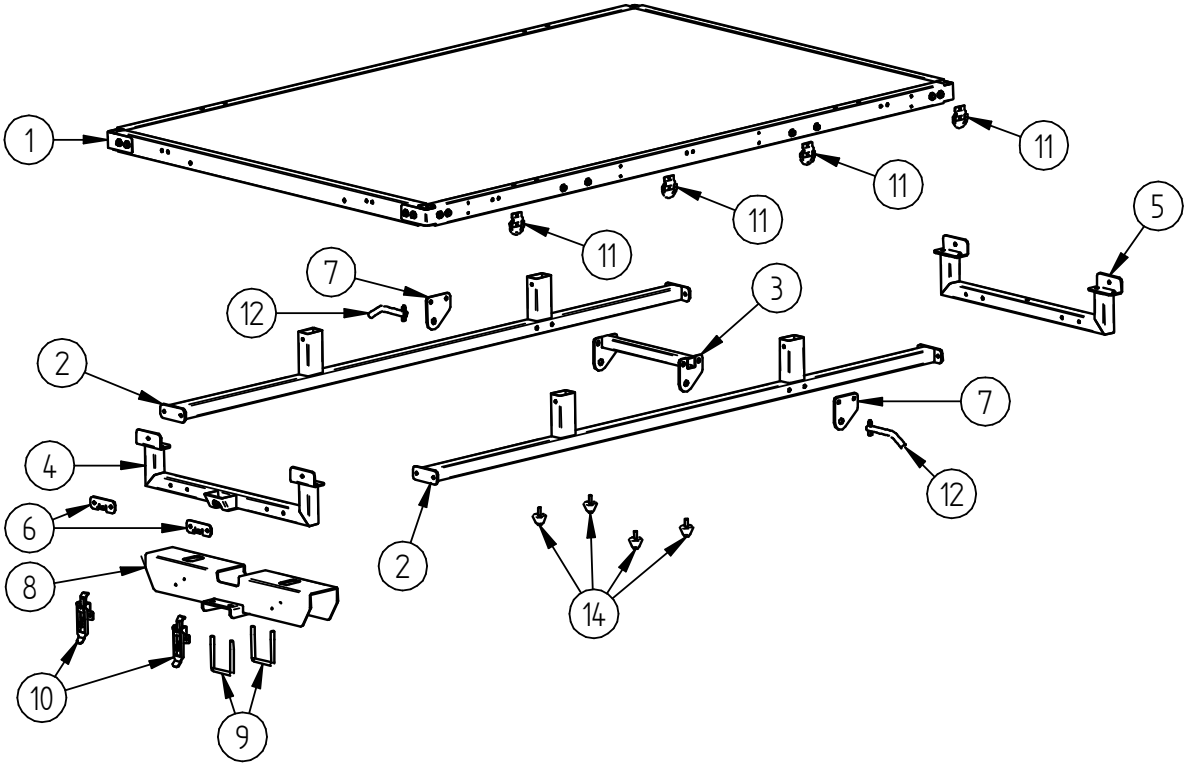
**Keep this manual for future reference!**

If you need any spare parts, please send this packaging data to your local dealer or to Iron Baltic sales@ironbaltic.com

Iron Baltic Ltd | +372 653 3711 | sales@ironbaltic.com | www.ironbaltic.com

# SPECIFICATION

| Pos. | Description | Code | Amount |
|---|---|---|---|
| 1 | Flatbed | 86.5001S | 1 |
| 2 | Base frame middle tube | 86.5005K | 2 |
| 3 | Base frame cross tube | 86.5008K | 1 |
| 4 | Base frame front tube | 86.5010K | 1 |
| 5 | Base frame rear tube | 86.5015K | 1 |
| 6 | Clamp hook plate | 86.5016 | 2 |
| 7 | Tilting plate | 86.2010 | 2 |
| 8 | Front carrier | 86.2015K | 1 |
| 9 | U-bolt 70x70 mm | 86.1015 | 2 |
| 10 | Clamp | 23.2070 | 2 |
| 11 | Lashing eye Ø7 mm | OT.56.00.020 | 8 |
| 12 | Pin Quicklock | OT.53.00.045 | 2 |
| 13 | Lifting strap | OT.37.01.012 | 1 |
| 14 | Rubber shock absorber Ø40x30xM8 | OT.35.03.020 | 4 |
| 15 | Bolt M6x16 DIN7991 | OT.02.04.020 | 4 |
| 16 | Bolt M6x16 DIN933 | OT.02.02.050 | 16 |
| 17 | Bolt M8x20 DIN933 | OT.02.02.180 | 12 |
| 18 | Bolt M8x60 DIN931 | OT.02.01.012 | 8 |
| 19 | Bolt M8x80 DIN931 | OT.02.01.017 | 4 |
| 20 | Bolt M10x70 DIN931 | OT.02.01.046 | 4 |
| 21 | Bolt M10x80 DIN931 | OT.02.01.048 | 2 |
| 22 | Washer Ø6/15 SFS3738 | OT.04.03.020 | 20 |
| 23 | Washer Ø8/20 SFS3738 | OT.04.03.030 | 52 |
| 24 | Washer Ø10 DIN125 | OT.04.01.040 | 16 |
| 25 | Nyloc nut M6 DIN985 | OT.03.02.030 | 20 |
| 26 | Nyloc nut M8 DIN985 | OT.03.02.040 | 28 |
| 27 | Nyloc nut M10 DIN985 | OT.03.02.050 | 10 |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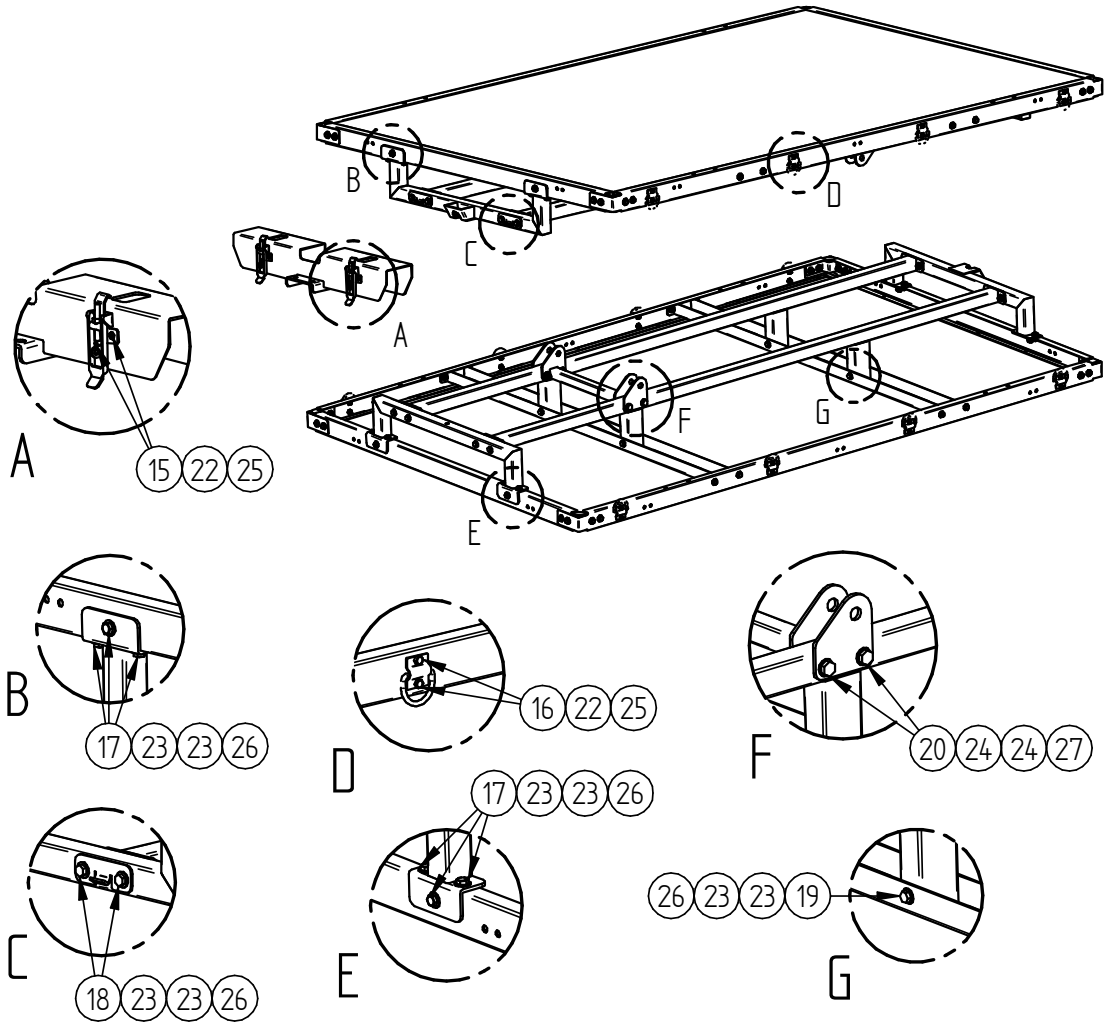
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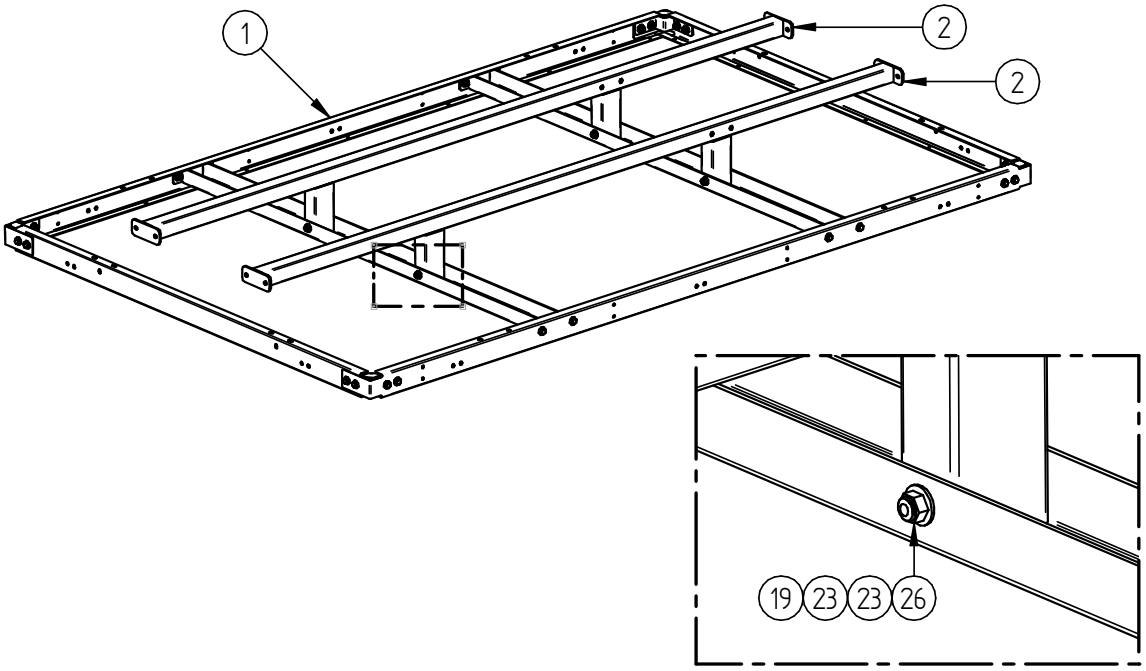
# FITTING INSTRUCTIONS

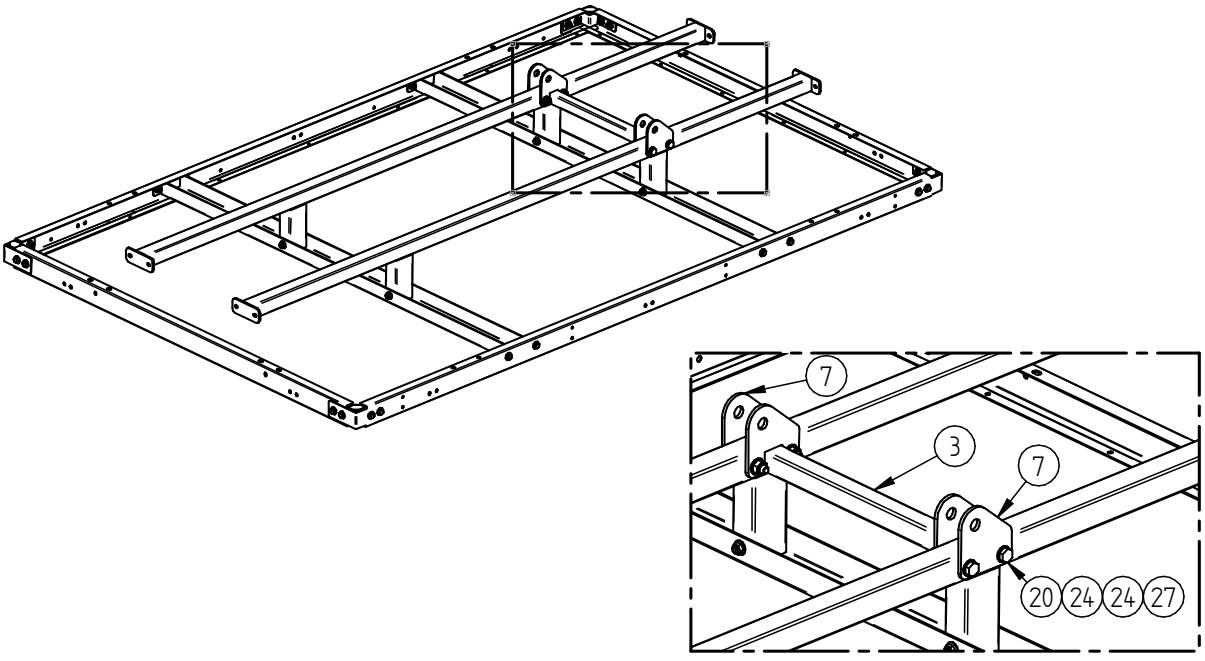
**Step 1**

Install base frame middle tubes (Pos.2) to flatbed (Pos.1). For fastening use M8x80 bolts (Pos.19), Ø8 mm washers (Pos.23) and M8 nyloc nuts (Pos.26).
NB! Do not tighten bolts!



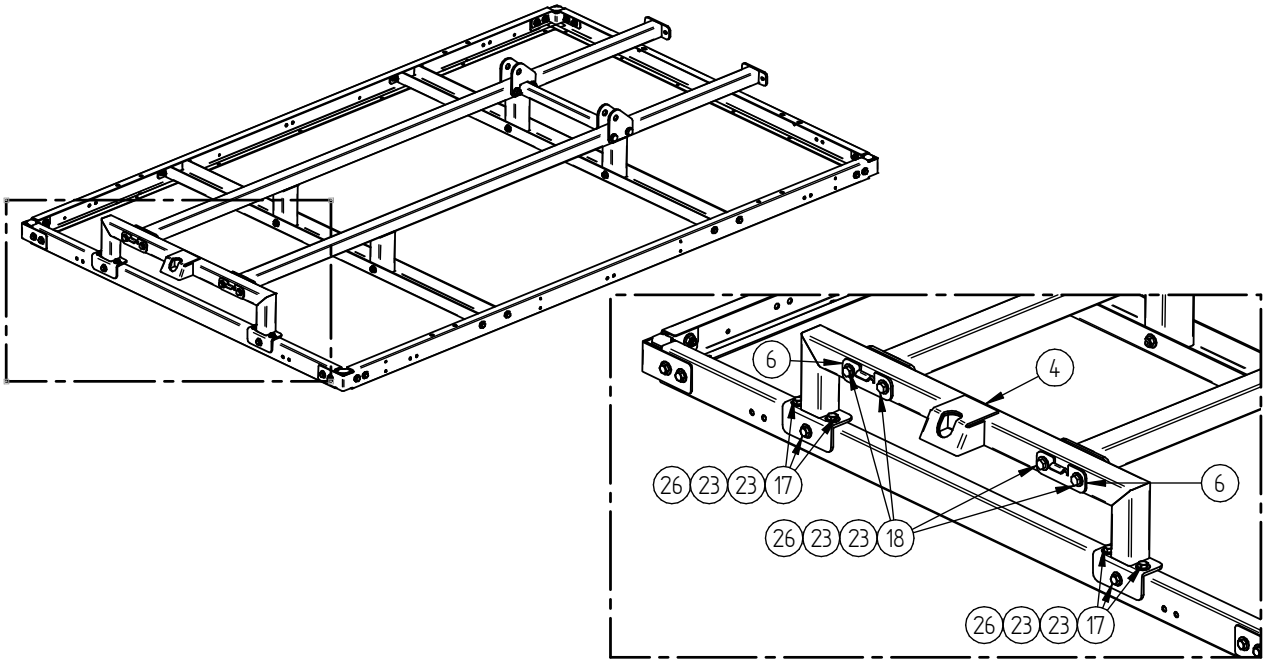

**Step 2**

Install base frame cross tube (Pos.3) and tilting plates (Pos.7). For fastening use M10x70 bolts (Pos.20), Ø10 mm washers (Pos.24) and M10 nyloc nuts (Pos.27).
NB! Do not tighten the bolts!



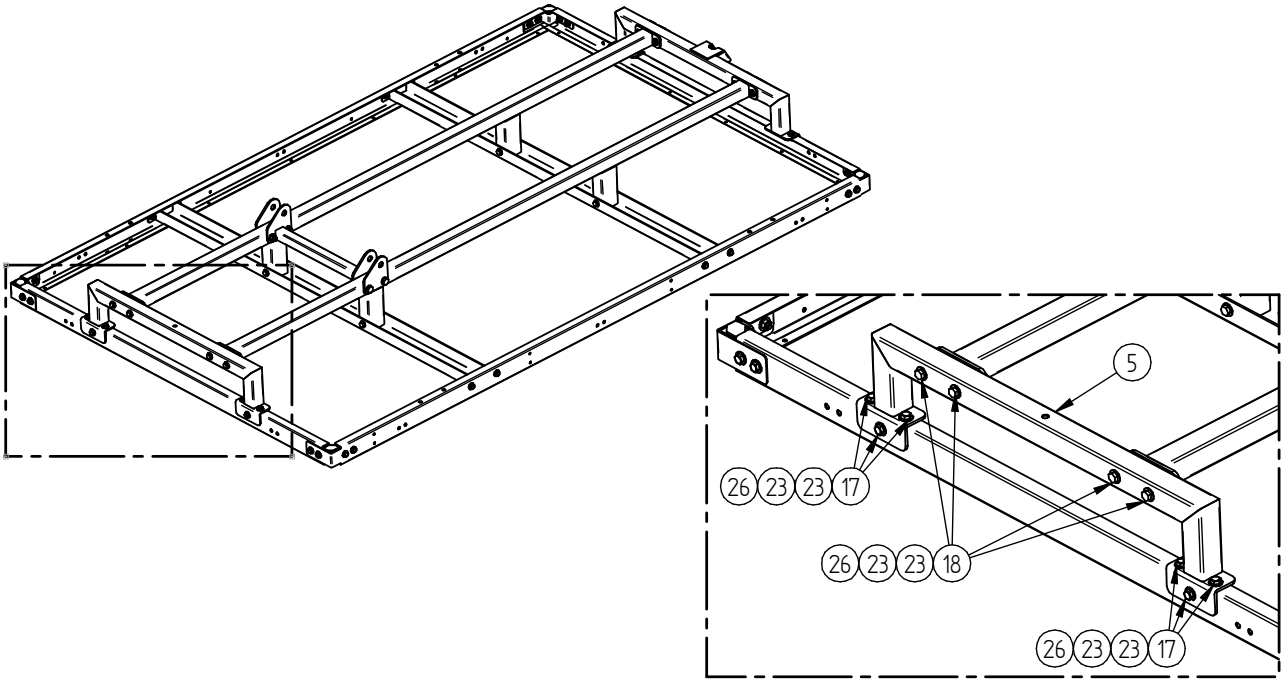
## Step 3

Install base frame front tube (Pos.4) and clamp hook plates (Pos.6). For fastening use M8x20 bolts (Pos.17), M8x60 bolts (Pos.18), Ø8 mm washers (Pos.23) and M8 nyloc nuts (Pos.26). NB! Do not tighten the bolts!



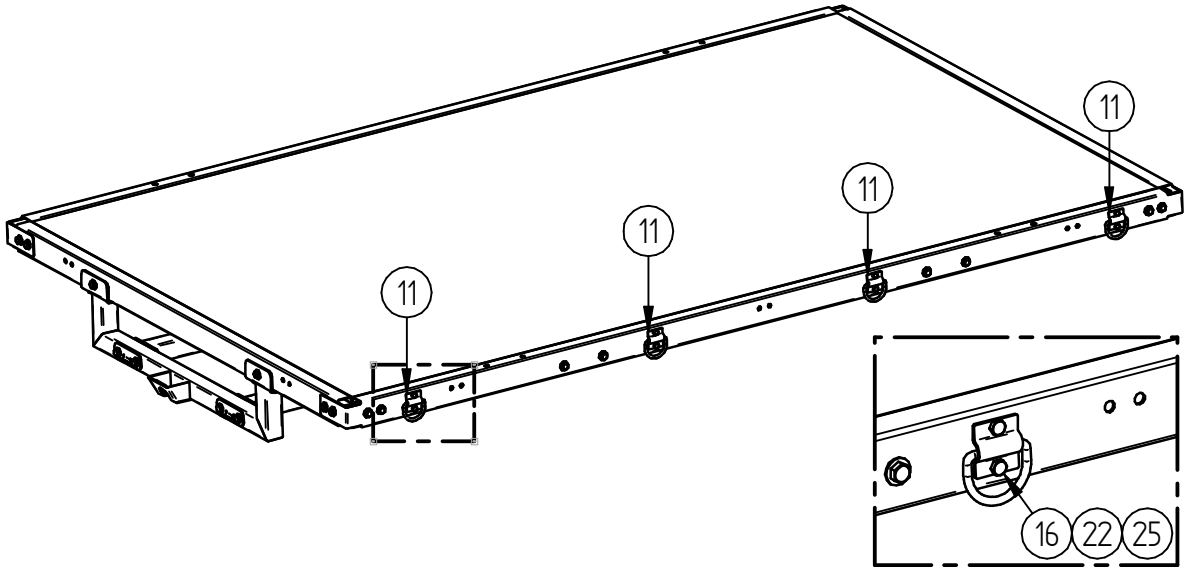

## Step 4

Install base frame rear tube (Pos.5). For fastening use M8x20 bolts (Pos.17), M8x60 bolts (Pos.18), Ø8 mm washers (Pos.23) and M8 nyloc nuts (Pos.26). NB! Also, tighten all the bolts described in previous steps!



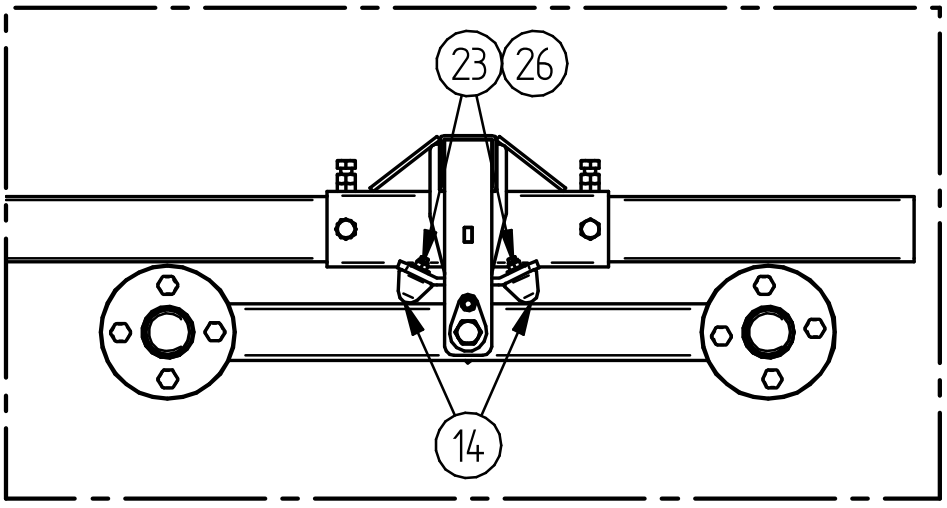
## Step 5

Install lashing eyes (Pos.11). For fastening use M6x16 bolts (Pos.16), Ø6 mm washers (Pos.22) and M6 nyloc nuts (Pos.25).



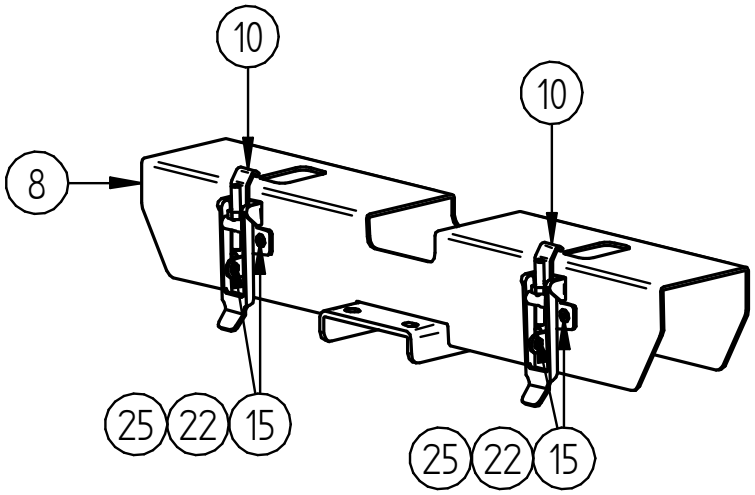

## Step 6

Install rubber shock absorbers (Pos.14) to the trailer axle to limit the movement of the trailer swing arm and wheels. To do this, use wheel chocks to prevent trailer from moving, lift one side of the trailer with a jack or other lifting device and support it with a lift stand or similar. Install the rubber shock absorbers by pressing down one wheel first and then the other. For fastening use Ø8 mm washer (Pos.23) and M8 nyloc nut (Pos.26). Repeat with the wheels on the other side of the trailer.



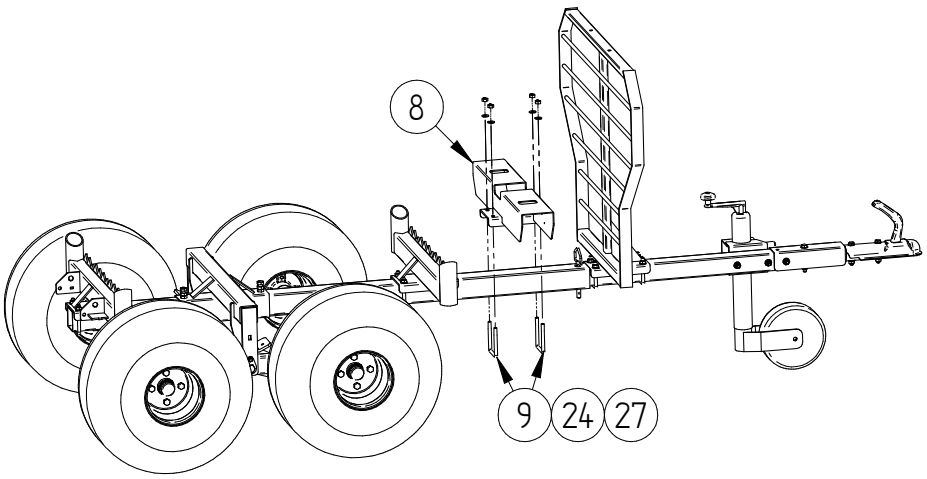
## Step 7

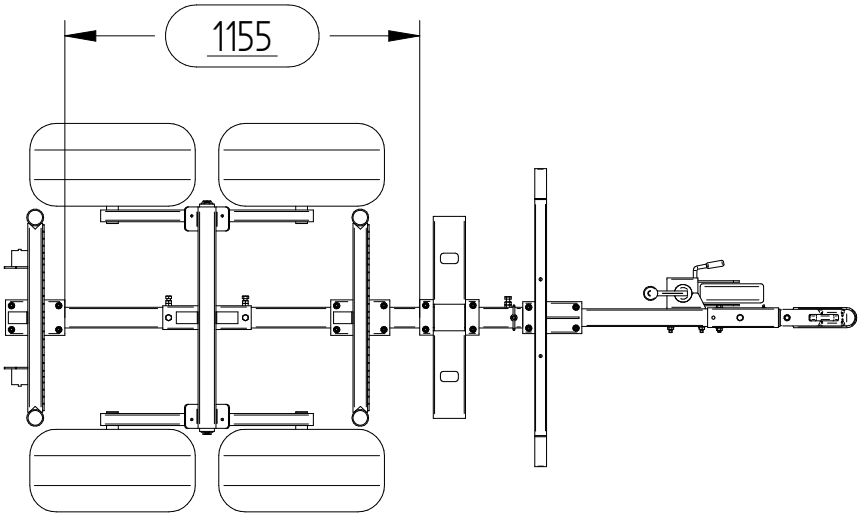
Install clamps (Pos.10) to the front carrier (Pos.8). For fastening use M6x16 bolts (Pos.15), Ø6 mm washers (Pos.22) and M6 nyloc nuts (Pos.25).




## Step 8

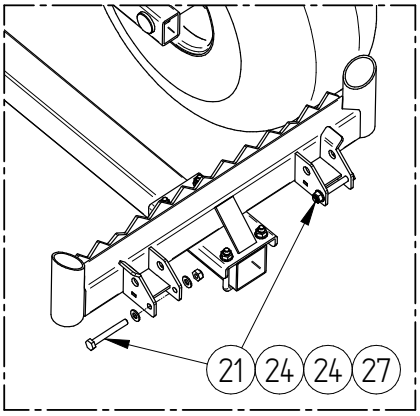
Install cargo box front carrier (Pos.8) to the trailer frame tube. The correct front carrier position is 1155 mm from the front edge of the rear carrier. For fastening use 70x70 U-bolts (Pos.9), Ø10 mm washers (Pos.24) and M10 nyloc nuts (Pos.27).



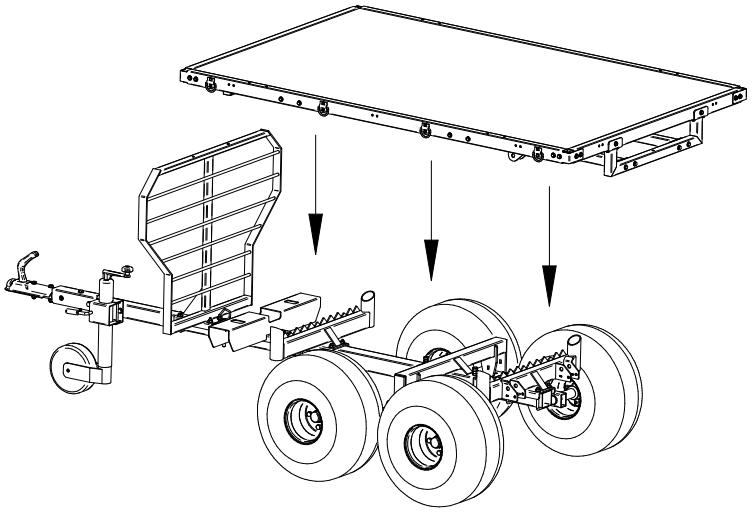
## Step 9

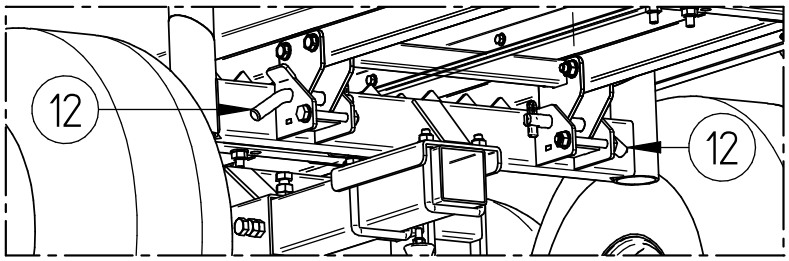
Install M10x80 bolts (Pos.21), Ø10 mm washers (Pos.24) and M10 nyloc nuts (Pos.27) to the rear carrier to limit the tilt angle of the flatbed.




## Step 10

Attach the lifting strap (Pos.13) to the lifting points (Pos.11) and lift the box onto the trailer using a crane (23.3000) or other lifting device. Use quick lock pins (Pos.12) to attach the box to the rear carrier of the trailer.





86.5000 Flatbed

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