



Trolley Jack

User Manual

TJ320R
TJ313HLR

325071 Iss 1

MOUNTING OF HANDLE

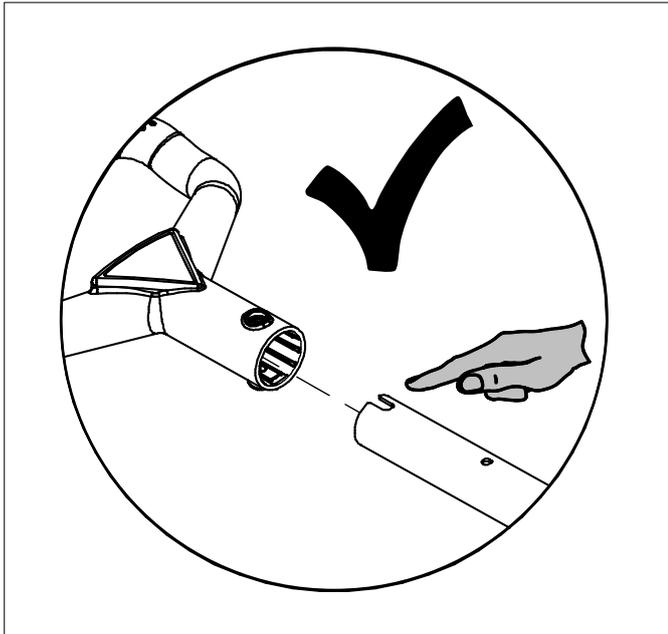


Fig.1

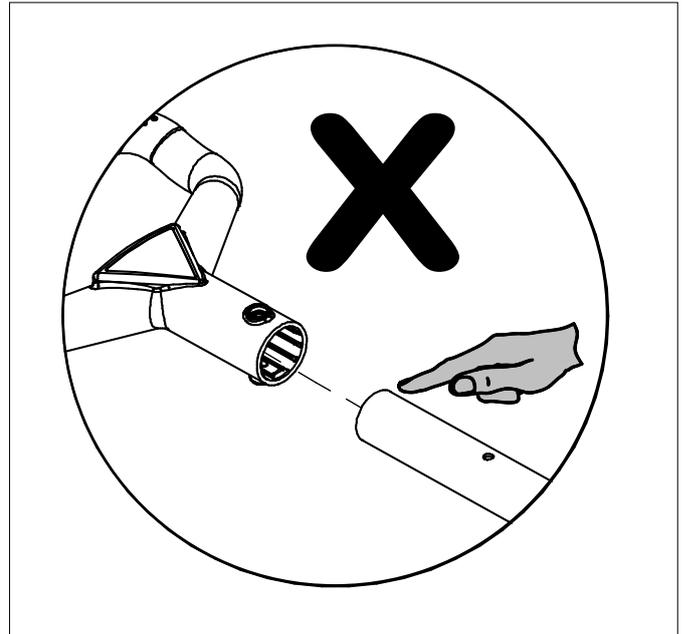


Fig.2

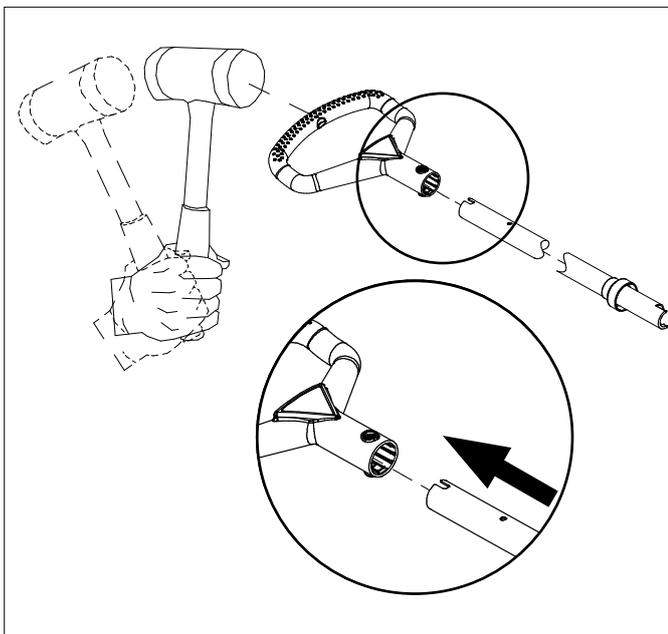


Fig.3

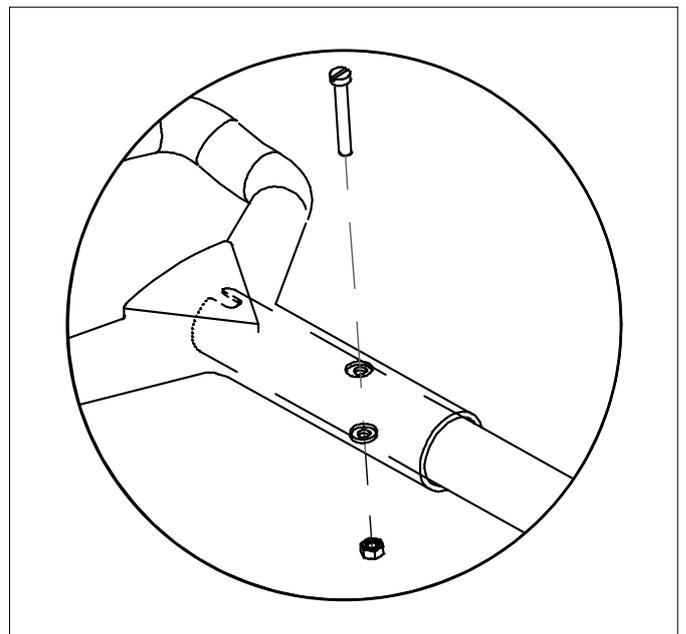


Fig.4

TJ320R, TJ313HLR

WARNING - SAFE USAGE INSTRUCTIONS

1. Study, understand and follow all instructions before operating this jack.
2. Do not exceed rated capacity.
3. Use only on hard level surface.
4. The vehicle must be allowed to run freely during lifting and lowering (without brakes and in neutral).
5. Do not move or transport the vehicle while on the jack.
6. Lifting device only. Immediately after lifting, support the vehicle with support stands.
7. Lift only on areas of the vehicle as specified by the vehicle manufacturer, and only centrally on the lifting saddle.
8. No person shall remain in, on, or get bodily under a load that is being jacked or is supported only by a jack.
9. Only original accessories and spare parts shall be used.
10. No alterations shall be made to this jack.
11. Failure to follow these warnings may result in personal injury and/or property damage.

Assembly

Mount plastic handle on tube lever with inner projection to fit into slot. Push tube lever into handle until screw and nut can be mounted (use a rubber hammer to adjust handle position) (Fig. 1-4).

Then place lever in tipping gear, and secure it with tipping gear screw fitting into slot in tube lever.

Use

Lifting: Activate lever tube up and down using full strokes.

Lowering: Pull lever tube up, then slowly turn counter clockwise.

Maintenance

Maintenance and repair must always be carried out by qualified personnel.

Daily: Inspect jack for damages.

Monthly: Lubricate all mechanical parts with a few drops of oil.

Important: It is mandatory to lubricate axle (9106200/9106900) for tipping gear every month! If not you risk "long" holes in the pump, which is not covered under warranty!

Oil refill: Pump with cylinder is a closed system and refilling of oil is normally not necessary. In order to refill

oil it is necessary to demount the hydraulic unit:

1. Unfasten screw (7) through hole in base frame.
2. Release and lower the jack completely.
3. Keep lever horizontally and block piston rod (34) in the inmost position by means of a screw or nail through hole in release bracket (40). Mind the inner spring!
4. Remove lever tube and tipping gear as well as the two screws (5) on top of lifting frame.
5. Now the hydraulic unit is loose and can be removed up front from the lifting frame.
6. Assembly takes place in reverse order. Pump the jack half-way up in order to ease mounting of the last screw (22).

Correct oil level is up to lower edge of filling hole (26) with the cylinder vertical and the piston rod pushed completely in. Too much oil causes poor pumping.

Quantity of oil: TJ320R and TJ313HLR: **0,3 l.**

Any good hydraulic oil of viscosity ISO VG 15 can be used.

Never use brake fluid!

Safety Inspection

According to national legislation - minimum once a year though - the jack must be inspected by a professional: damages, wear and tear, adjustment of the safety valve, hydraulic unit for leakages. Furthermore that all safety labels are legible.

Troubleshooting

1. The load is dropping occasionally: Verify the play between release bracket (40) and lever tube. Adjust the two nuts (10) until the play is 1-2 mm, irrespective of the lever tube position (vertical or horizontal).
2. The jack does not lift to maximum position: refill with oil.
3. The load is dropping: leaking pump valves or worn seals. Inspect the valve seats + balls under plug (29) and change seals in lifting cylinder.
4. The hydraulic unit is leaking: exchange worn seals with repair kit 0906000.

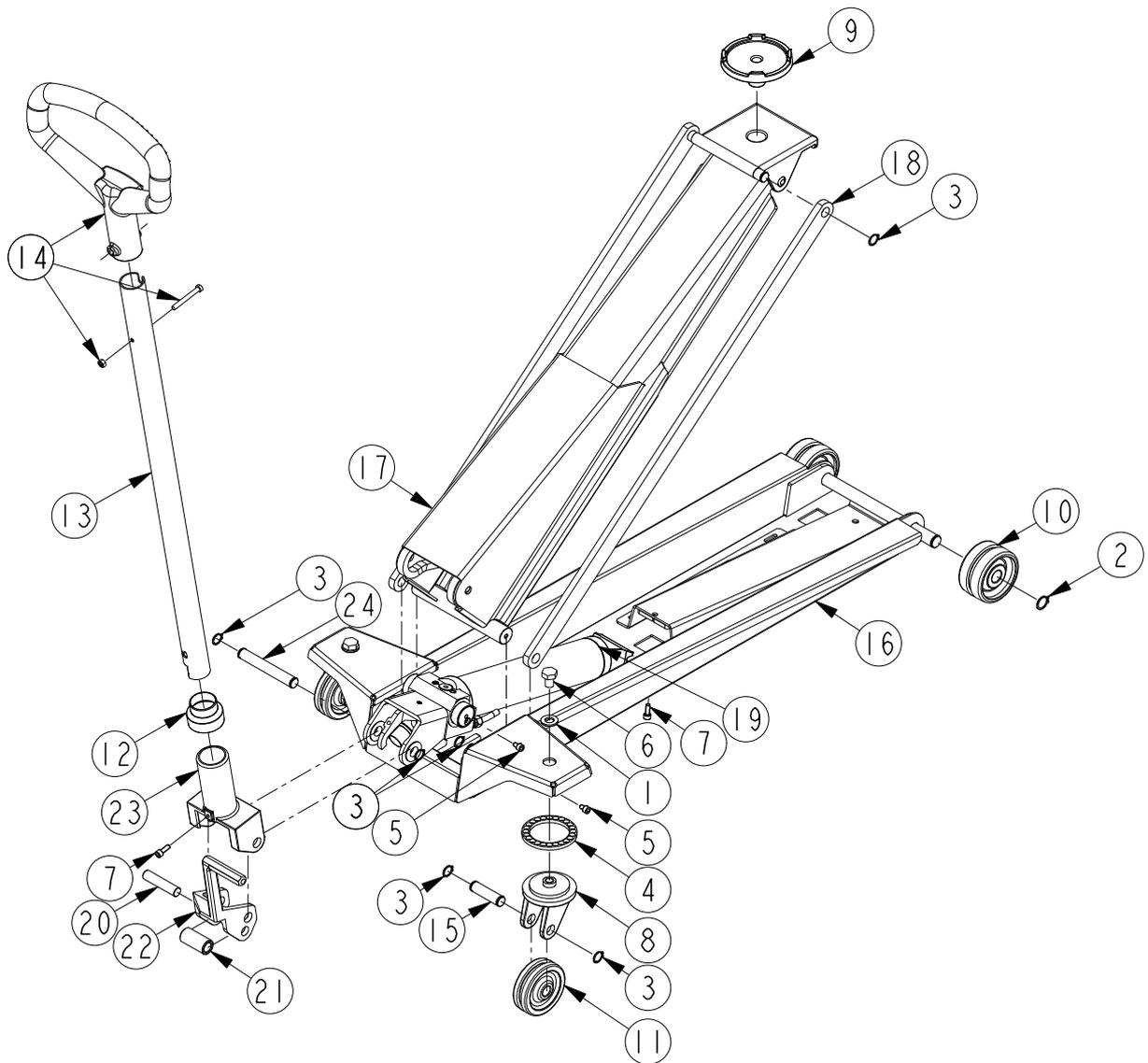
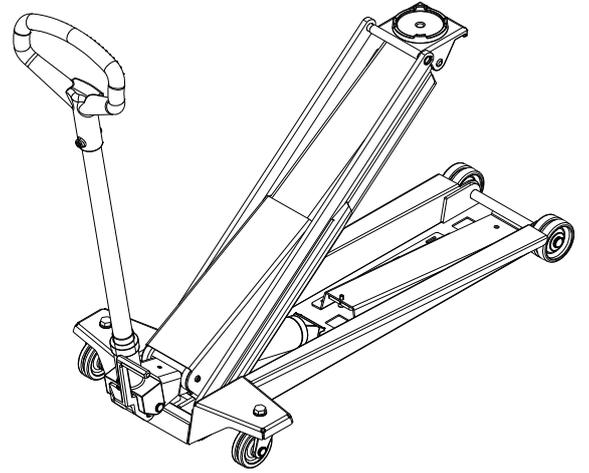
Spare parts

Replace worn or broken parts with genuine jack manufacturer supplied parts only. All major parts may not be provided after discontinuation of a model.

Destruction

Oil must be drained off and legally disposed of.

TJ320R TJ313HLR



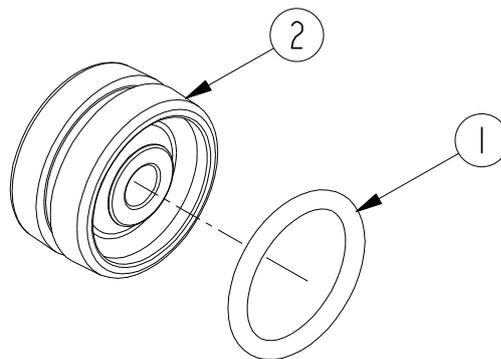
	TJ320R	TJ313HLR		
Pos.	Art. No.	Art. No.	Pcs.	Description
	36 015 00	36 020 00		Jack
1	02 121 00	02 121 00	2	Washer
2	02 204 00	02 204 00	2	Circlip
3	02 224 00	02 224 00	10	Circlip
4	02 261 00	02 261 00	2	Thrust bearing
5	02 307 00	02 307 00	4	Screw
6	02 328 00	02 328 00	2	Screw
7	02 346 00	02 346 00	2	Screw
8	36 003 00	36 003 00	2	Wheel fork
9	36 006 00	36 006 00	1	Saddle
10	36 007 00	36 007 00	2	Wheel fixed
11	36 008 00	36 008 00	2	Wheel
12	36 009 00	36 009 00	1	Plast covering
13	36 010 00	36 010 00	1	Lever tube
14	36 011 99	36 011 99	1	Handle
15	36 012 00	36 012 00	2	Axle
16	36 001 00	36 021 00	1	Base frame
17	36 002 00	36 022 00	1	Lifting frame
18	36 005 00	36 023 00	2	Steering rod
19	91 050 00	91 050 00	1	Hydraulic, cpl.
20	91 060 00	91 060 00	1	Rolling axle
21	91 061 00	91 061 00	1	Dry bearing
22	91 067 00	91 067 00	1	Pedal
23	91 068 00	91 068 00	1	Tipping gear
24	91 069 00	91 069 00	1	Axle f. tipping gear

	TJ320R	TJ313HLR		
Pos.	Art. No.	Art. No.	Pcs.	Description
	91 050 00	91 050 00		Hydraulic, cpl.
*1	01 015 00	01 015 00	1	O-ring
*2	01 038 00	01 038 00	2	O-ring
*3	01 039 00	01 039 00	1	O-ring
*4	01 051 00	01 051 00	2	O-ring
*5	01 089 00	01 089 00	1	O-ring
*6	01 254 00	01 254 00	1	Scraper ring
*7	01 269 00	01 269 00	1	Scraper ring
*8	01 306 00	01 306 00	1	O-ring
*9	01 308 00	01 308 00	1	Back-up ring
10	02 016 00	02 016 00	2	Nut
11	02 026 00	02 026 00	4	Screw
12	02 036 00	02 036 00	1	Spring
13	02 054 00	02 054 00	1	Spring
14	02 078 00	02 078 00	1	Spring
15	02 108 00	02 108 00	2	Washer
*16	02 132 00	02 132 00	1	Cu-washer
17	02 155 00	02 155 00	1	Screw
18	02 156 00	02 156 00	1	Stop screw
*19	02 183 00	02 183 00	2	Ball
*20	02 292 00	02 292 00	5	Ball
*21	02 294 00	02 294 00	1	Ball
22	02 313 00	02 313 00	1	Screw
23	02 417 00	02 417 00	1	Gland
24	02 419 00	02 419 00	2	Union nut
25	02 420 00	02 420 00	2	Lock washer
26	02 448 00	02 448 00	1	Plug
27	02 498 00	02 498 00	1	Gland
28	02 544 00	02 544 00	2	Support bush
29	02 584 00	02 584 00	1	Plug
30	02 685 00	02 685 00	1	Spring
31	90 798 26	90 798 26	1	Oil Hose
32	91 051 00	91 051 00	1	Pump unit
33	91 051 02	91 051 02	2	Bearing bush
34	91 052 00	91 052 00	1	Pump piston
35	91 053 00	91 053 00	1	Piston
36	91 054 00	91 054 00	1	Piston rod
37	91 055 00	91 055 00	1	Cylinder tube
38	91 056 00	91 056 00	1	Release spindle
39	91 057 00	91 057 00	1	Release guide
40	91 063 00	91 063 00	1	Release bracket
41	91 064 00	91 064 00	1	Cylinder nut
42	91 065 00	91 065 00	1	Adaptor
43	95 005 02	95 005 02	1	Adjusting screw
*	09 060 00	09 060 00		Repair kit

**indicate parts included in repair set. Please always state model and part number. Do always apply original spare parts. All major parts may not be provided as spare parts after discontinuation of production of a model.*

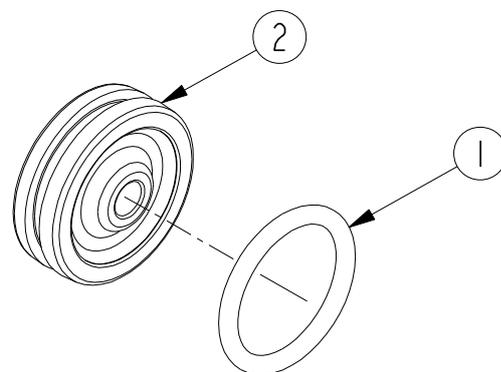
36 007 00

	TJ320R	TJ313HLR		
Pos.	Art. No.	Art. No.	Pcs.	Description
	36 007 00	36 007 00		Wheel fixed
1	01 377 00	01 377 00	1	O-ring
2	36 007 10	36 007 10	1	Wheel



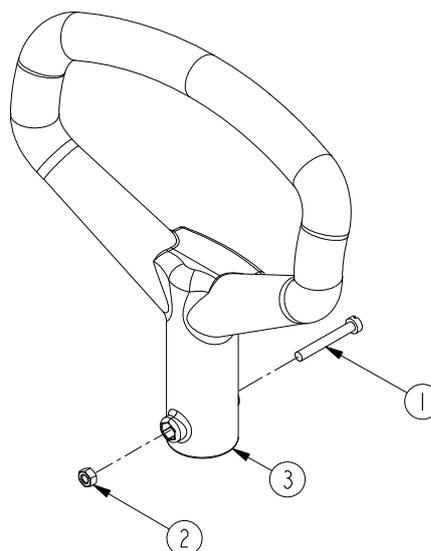
36 008 00

	TJ320R	TJ313HLR		
Pos.	Art. No.	Art. No.	Pcs.	Description
	36 008 00	36 008 00		Wheel
1	01 377 00	01 377 00	1	O-ring
2	36 008 10	36 008 10	1	Wheel

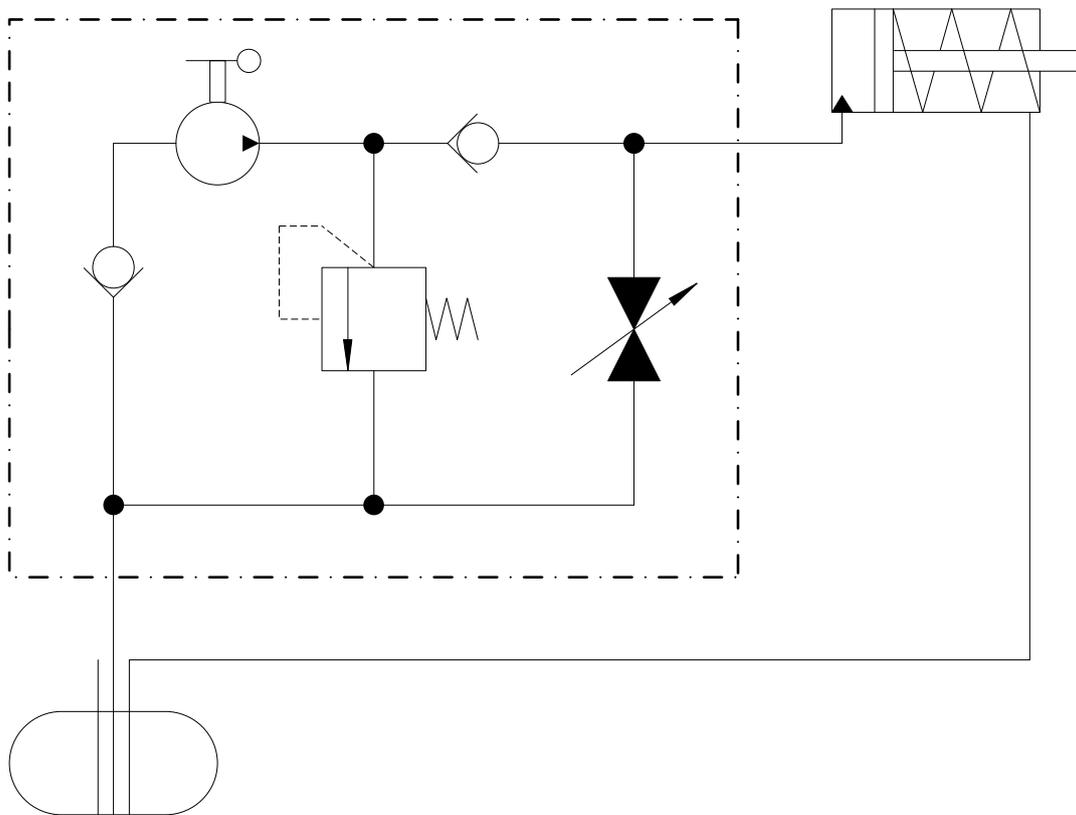


36 011 99

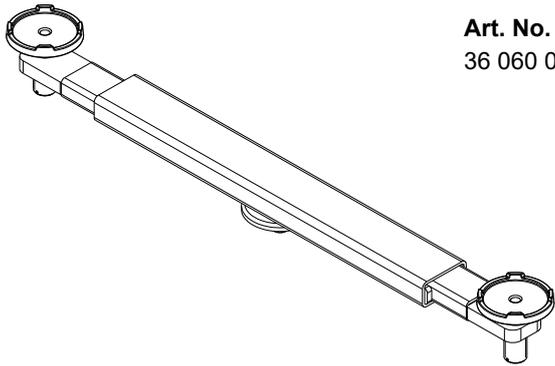
	TJ320R	TJ313HLR		
Pos.	Art. No.	Art. No.	Pcs.	Description
	36 011 99	36 011 99		Handle, complete
1	02 028 00	02 028 00	1	Screw
2	02 072 00	02 072 00	1	Nut
3	36 011 00	36 011 00	1	Handle



HYDRAULIC CHART

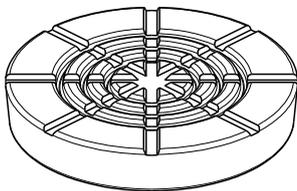
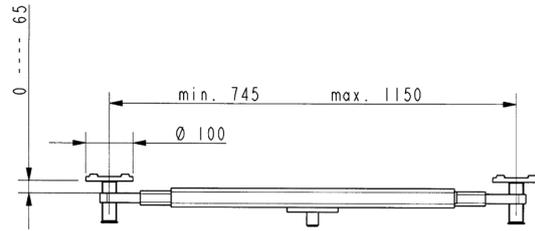


ACCESSORIES



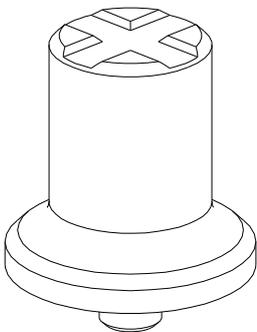
Art. No.
36 060 00

Description
Cross beam ad.



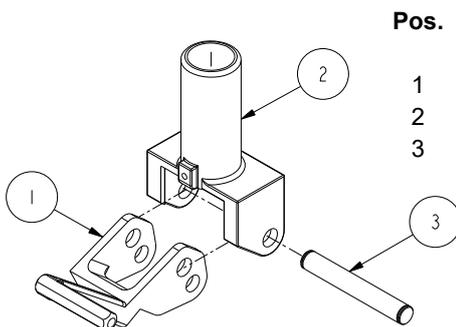
Art. No.
36 014 00

Description
Rubber cushion



Art. No.
36 016 00

Description
Extension



Pos.	Art. No.	Pcs.	Description
	91 074 00		Tipping Gear, set
1	91 067 00	1	Q pedal
2	91 068 00	1	Q tipping gear
3	91 069 00	1	Axle

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An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. We reserve the right to make changes in availability as well as technical changes.

EU and UK Declaration of Conformity for Machinery

**Directive 2006/42/EC
The Supply of Machinery (Safety) Regulations 2008****TJ320R, TJ313HLR**

Trolley Jack,

are in conformity with the provisions of the Machinery Directive (Directive 2006/42/EC, EN1494, and (The Supply of Machinery (Safety) Regulations 2008 (UK only)).

Mr. Frederik Anker Christensen, Fanøvej 6, DK-8800 is authorized to compile the technical file.