



Air-hydraulic Jacking Beam

User Manual

JB320AW
JB326AW

325070 Iss 1



WARNINGS – Safe usage instructions

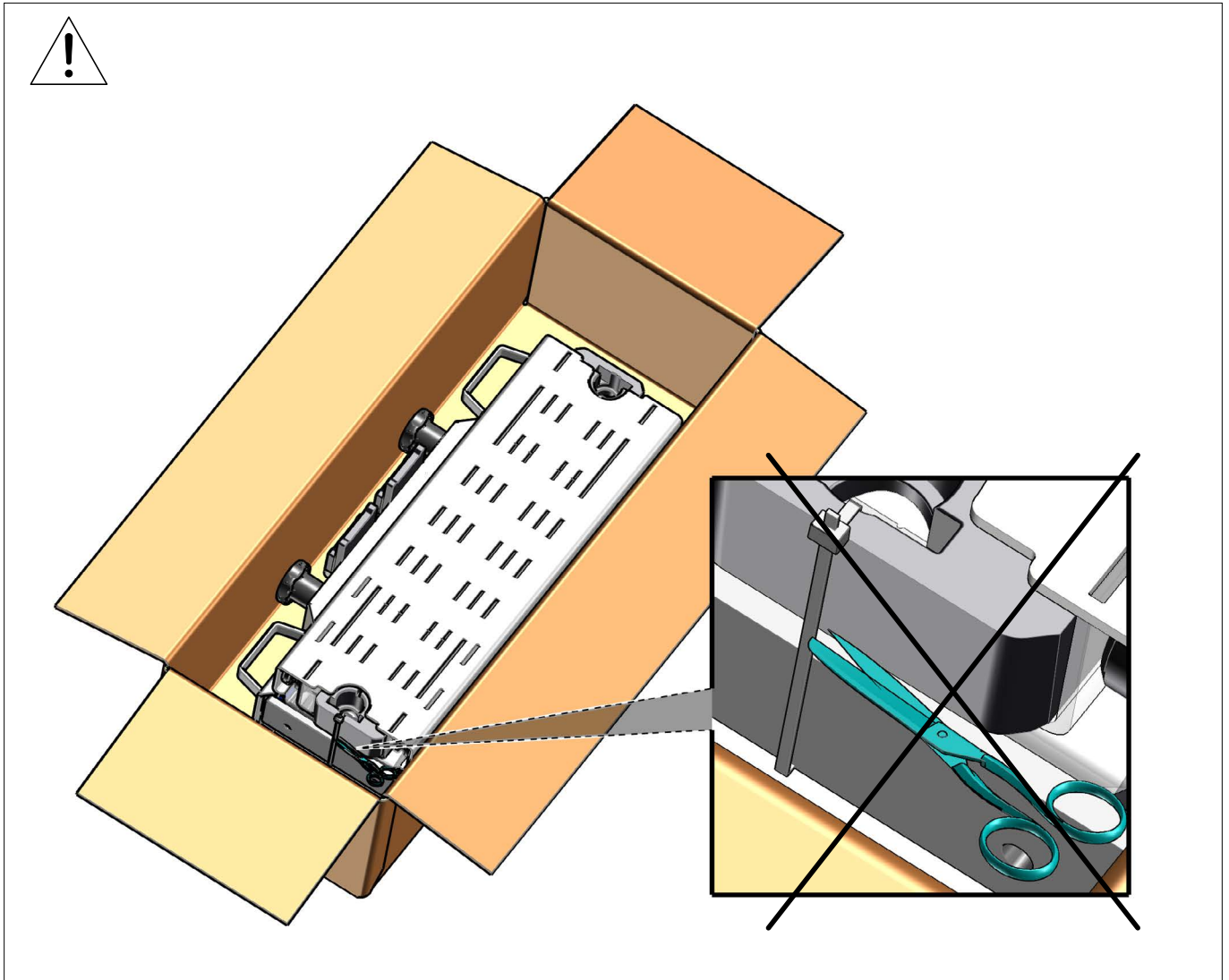


Fig.1

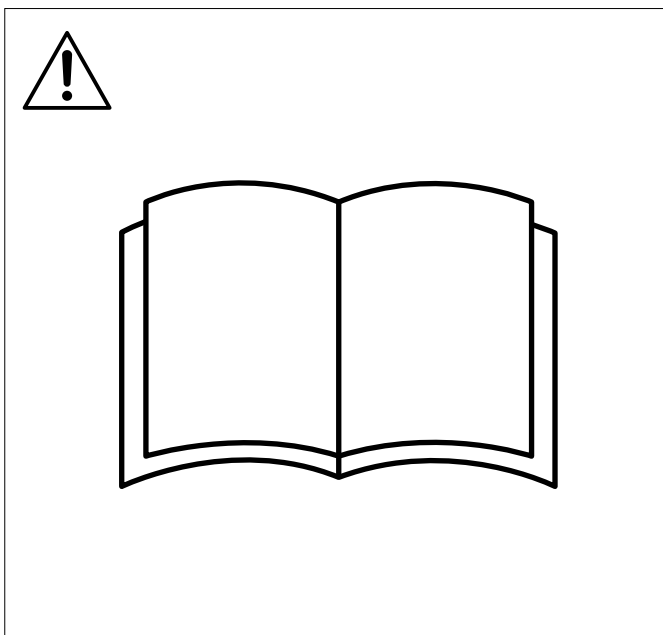


Fig.2

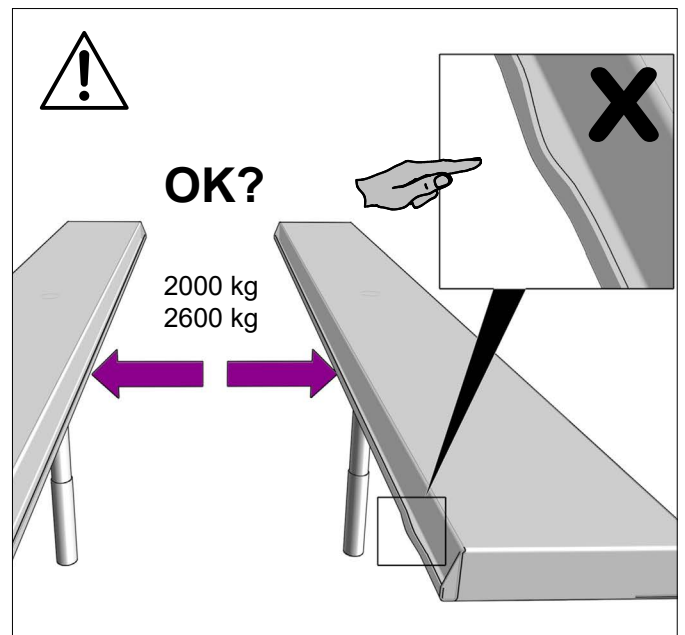


Fig.3

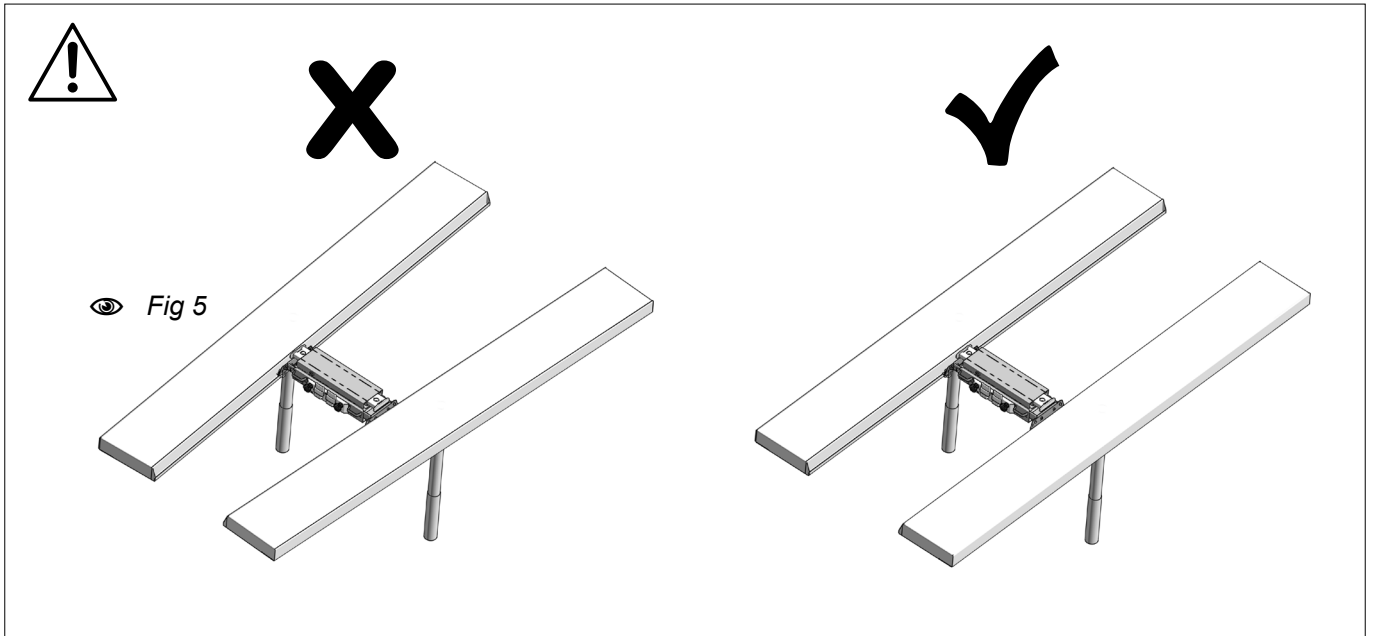


Fig.4

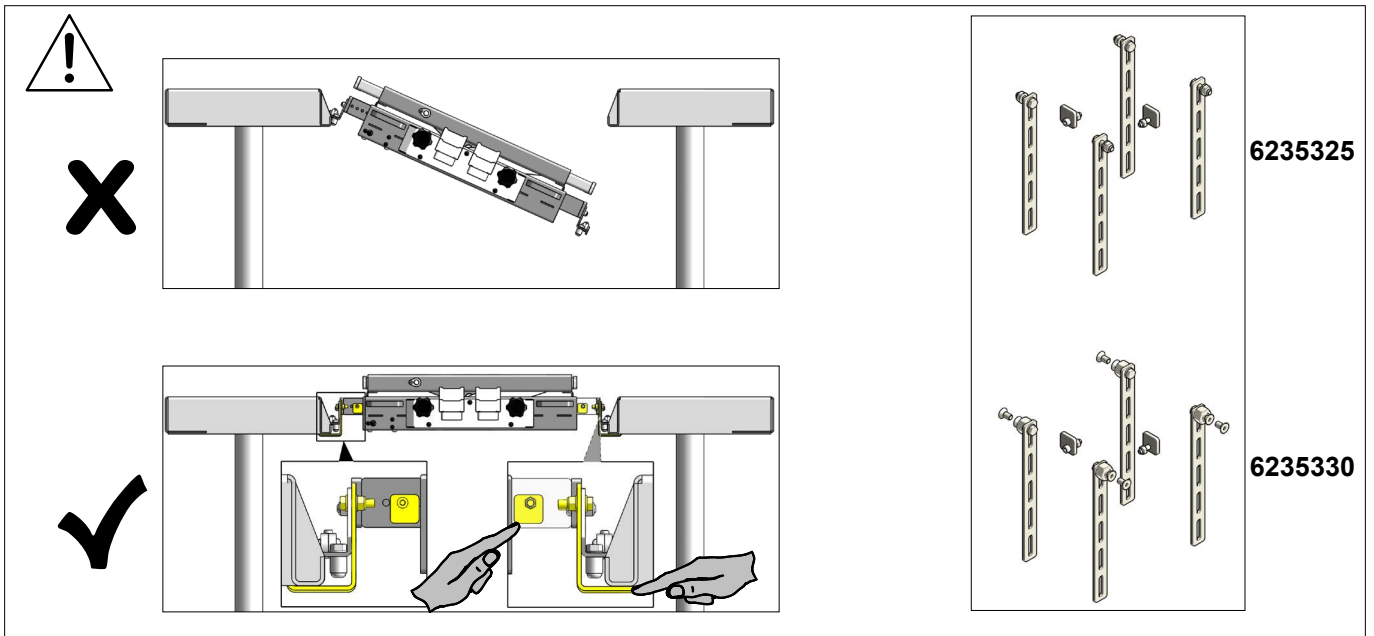
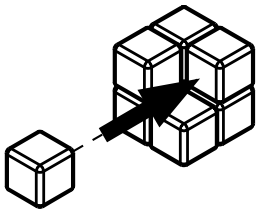


Fig.5



ASSEMBLY

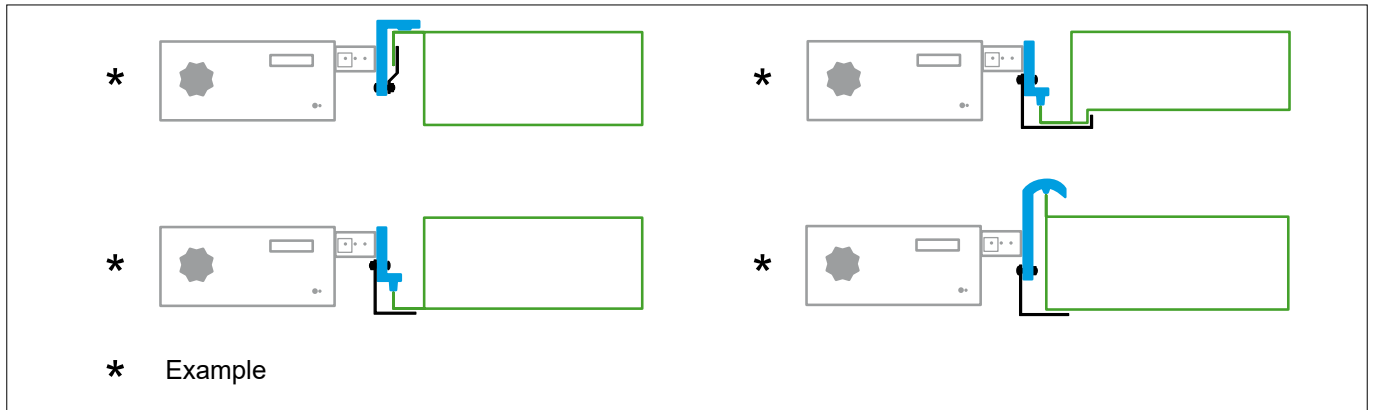


Fig.6

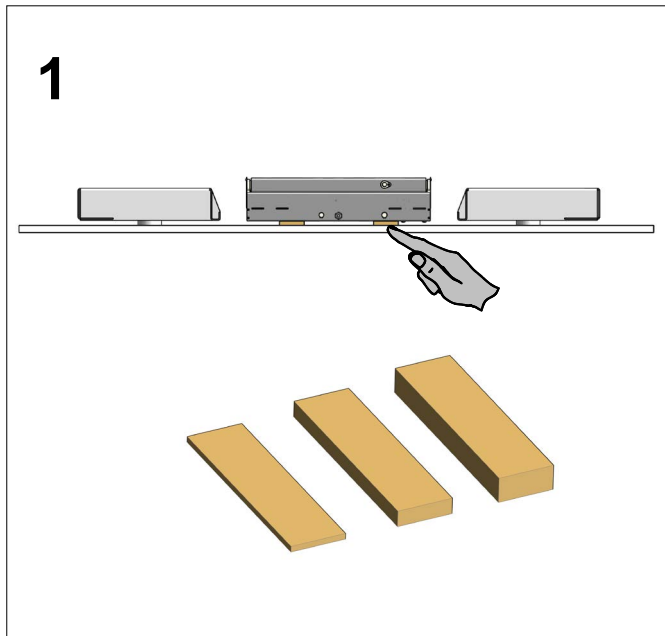


Fig.7

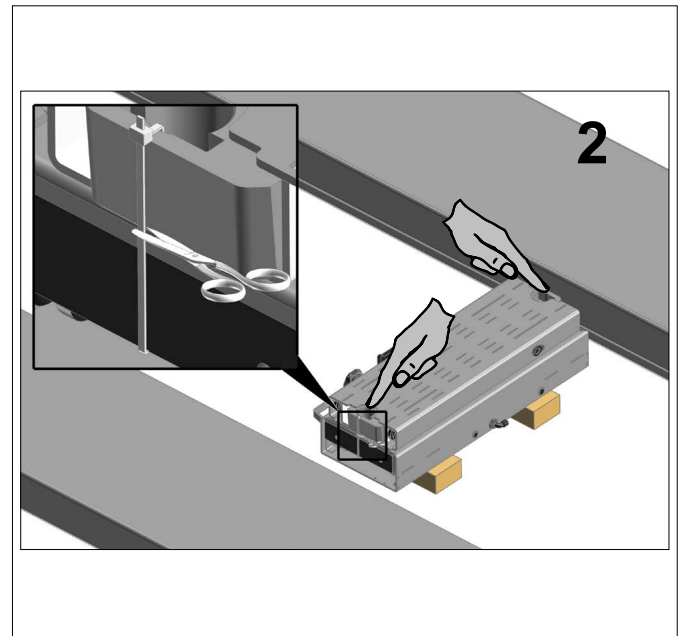


Fig.8

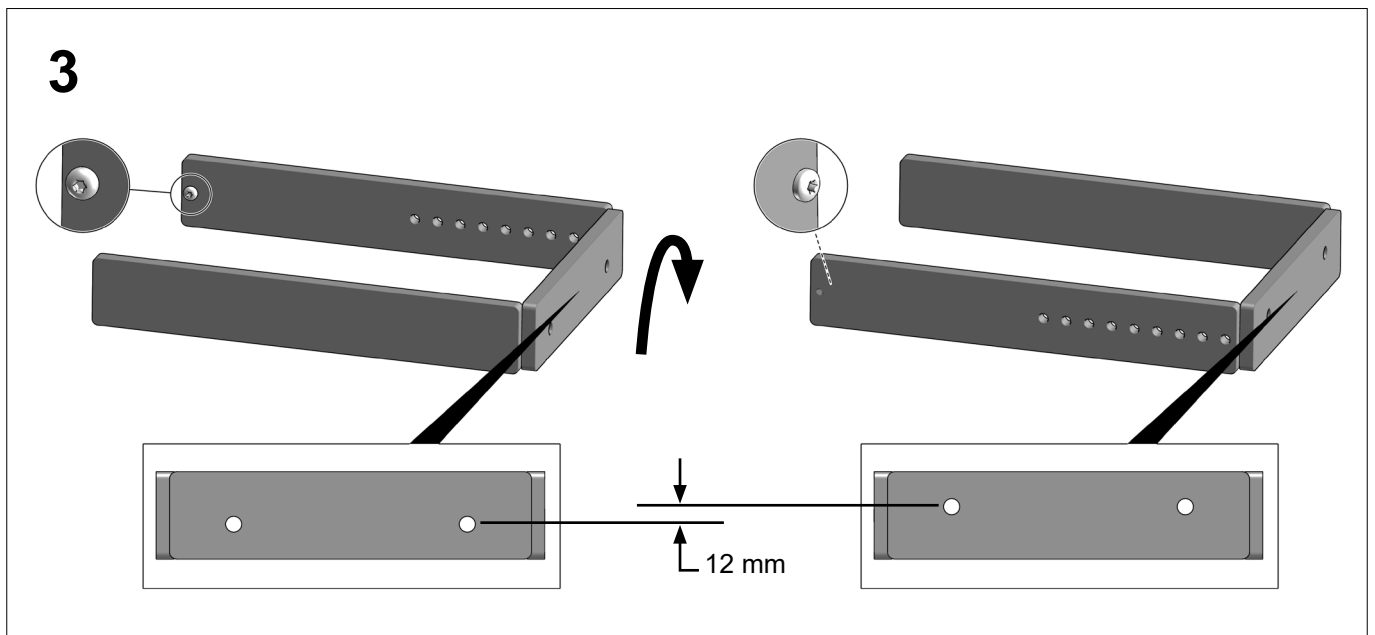


Fig.9

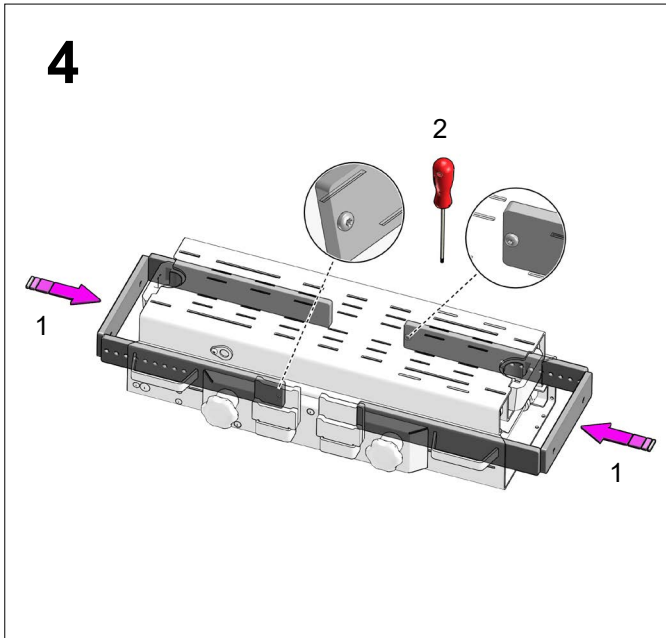


Fig. 10

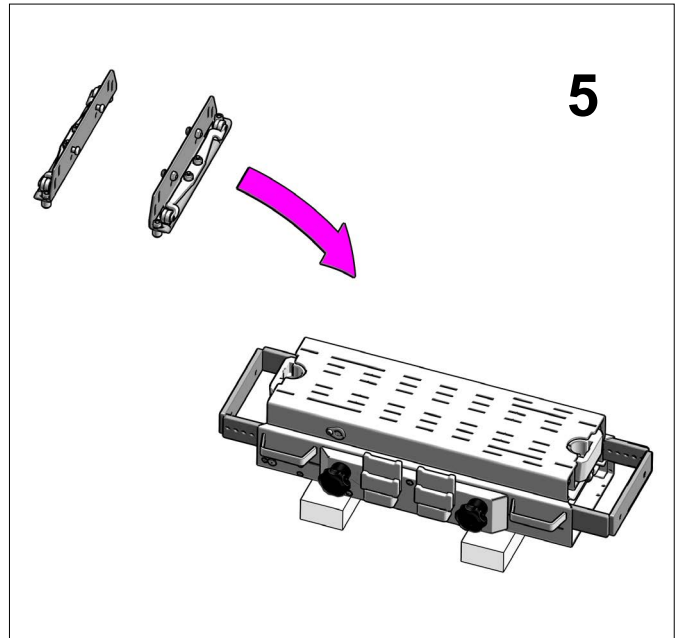


Fig. 11

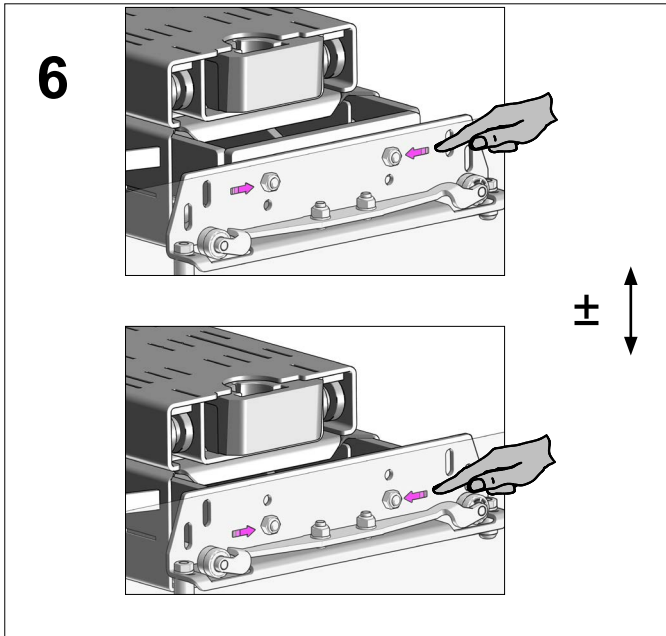


Fig. 12

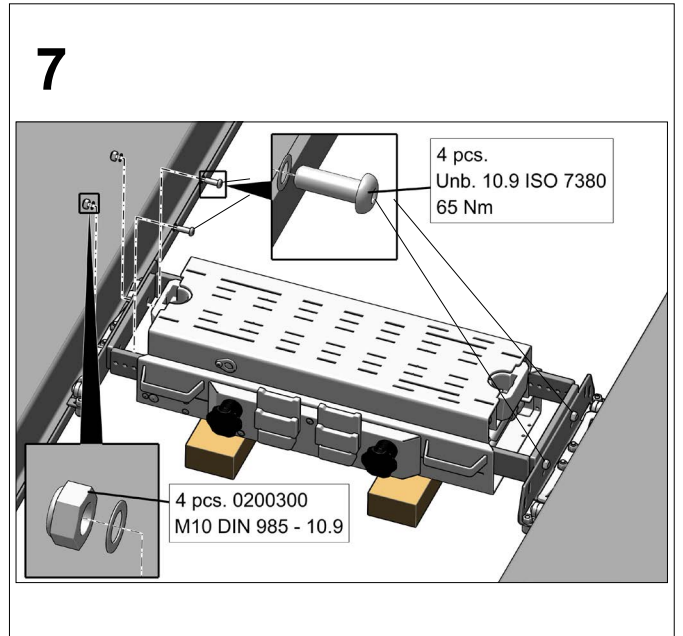


Fig. 13

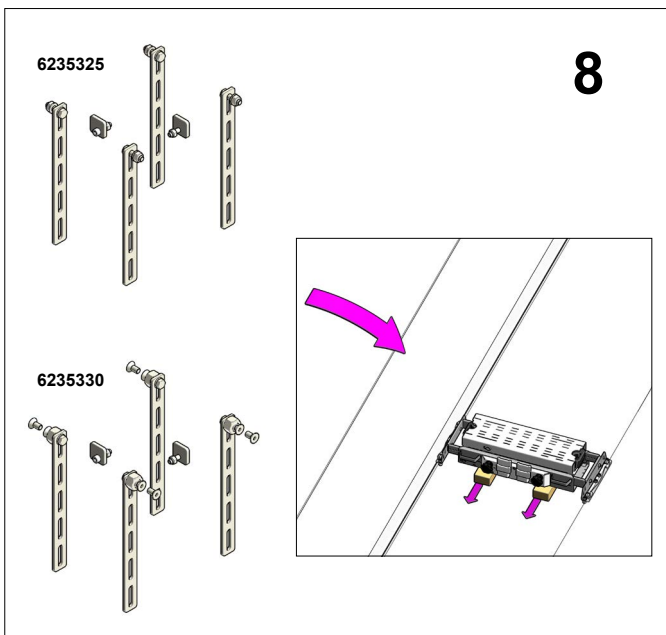


Fig. 14

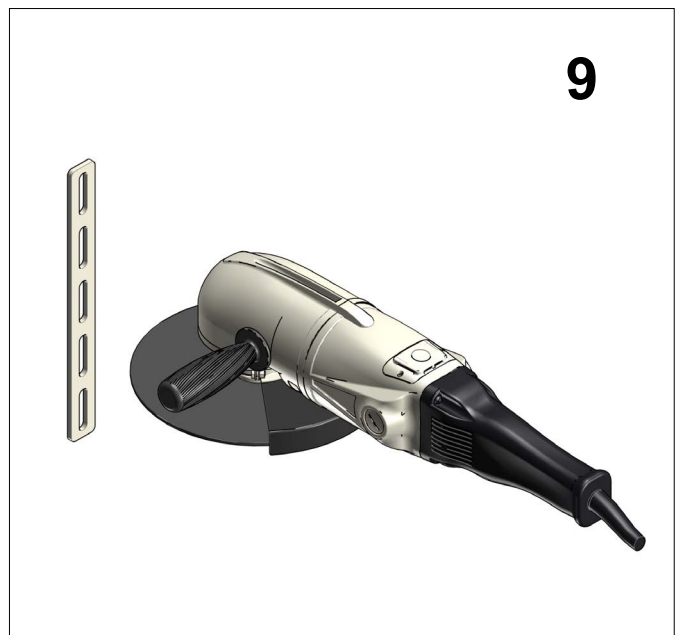


Fig. 15

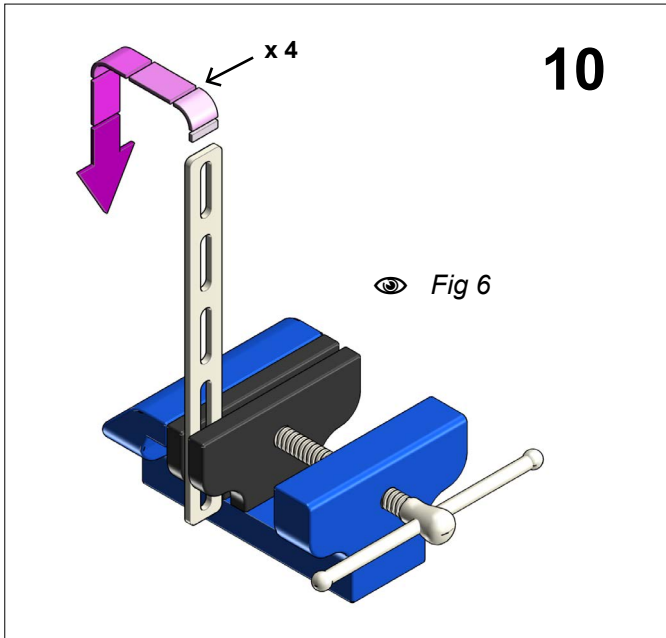


Fig.16

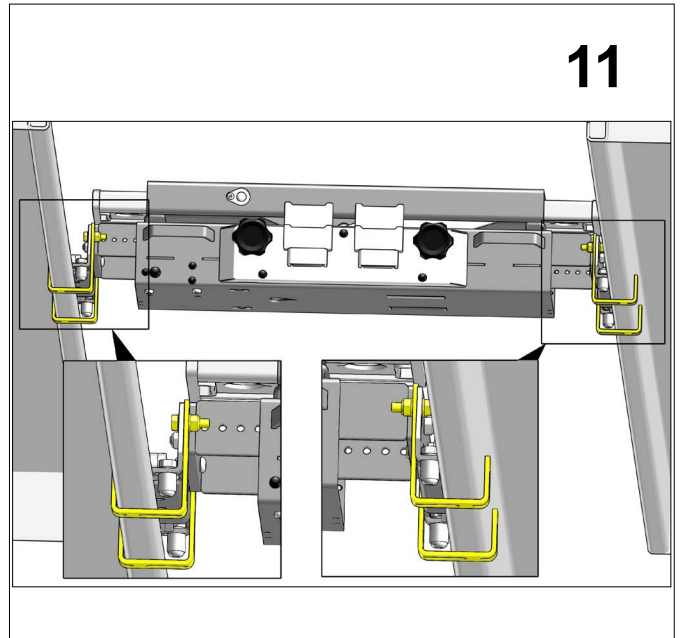


Fig.17

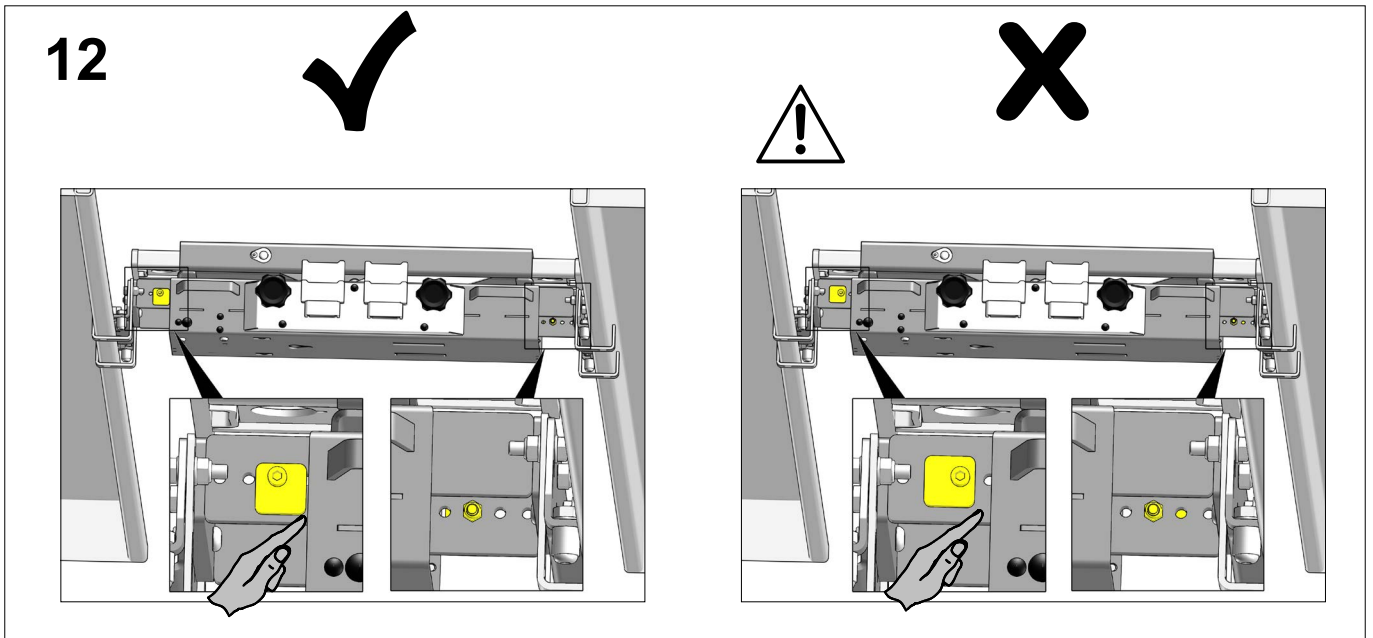


Fig.18

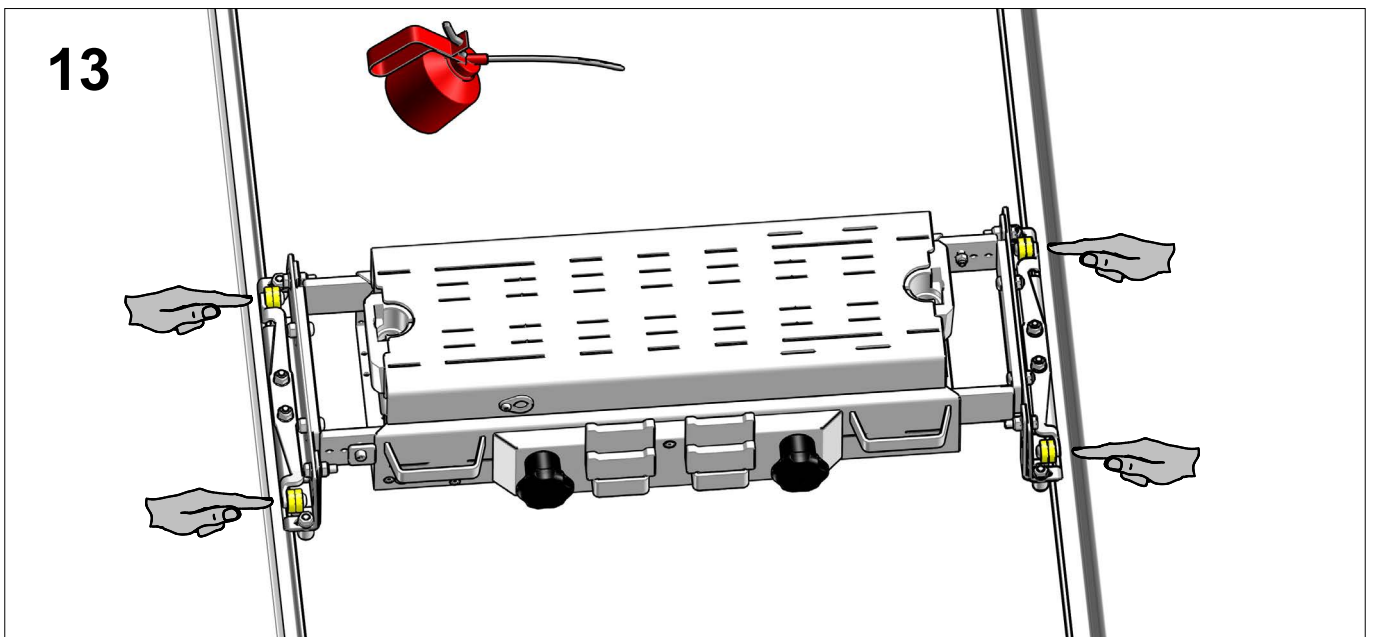


Fig.19

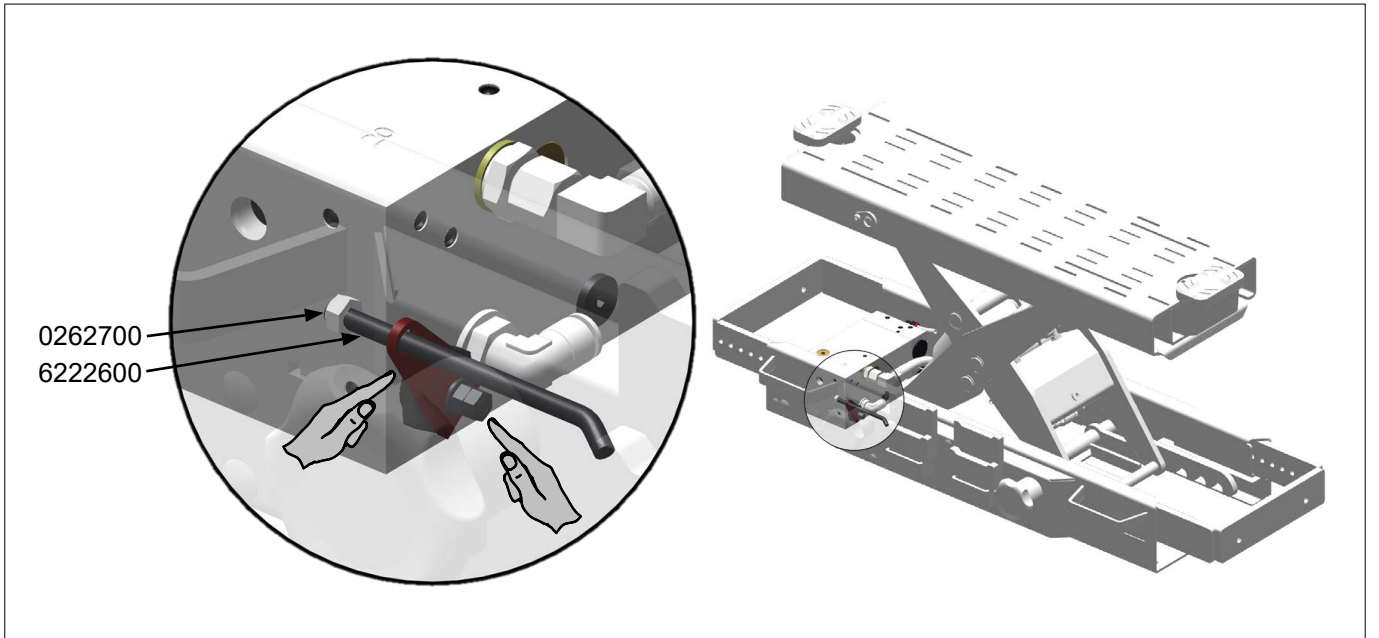


Fig.20

JB320AW / JB326AW

WARNING - SAFE USAGE INSTRUCTIONS

1. The jacking beam is only to be mounted on lifts approved by the lift manufacturer for mounting of jacking beams - be aware that not all lifts are approved. Rated beam capacity must be max. 2/3 of vehicle lift capacity.
2. Mount the jacking beam with adequate support arms on horizontal, parallel and solid rails and secure it against crashing before use. See fig. 1-19.
3. Study, understand and follow all instructions before installing, operating, servicing, or maintaining this equipment.
4. Check before each lift, that the support arms are correctly placed on rail of lift or pit edge.
5. This is a lifting device only. Do not move or transport vehicle with jacking beam.
6. If screws or nuts for mounting support arms replaces, ensure the new ones have a minimum quality of 10.9.
7. Always lower the jacking beam to the nearest safety stop immediately - or use axle stands for support - before working on vehicle.
8. Do not overload, for instance due to sudden external load. Overload can cause damage or failure of jack.
9. Lift only on points as specified by automaker. During lifting be attentive that the saddles cannot slide.
10. When lifting the complete vehicle by means of 2 jacking beams they shall be placed minimum 0,85 m from each other.
11. Gravity of load must always be placed centrally. When lifting by means of only one saddle always place it in the centre of the jacking beam. Also, the 2 extension arms must only be used simultaneously.
12. The vehicle must be allowed to run freely during lifting and lowering (without brakes and in neutral).
13. No person must remain in, on or under a vehicle when lifted or supported only by the jacking beam.
14. The operator must observe, that the jacking beam can be operated without any danger to himself and others.
15. The jacking beam as well as the safety valve is not to be altered.
16. Maximum air-pressure: 10 bar. Full capacity at 8,5 bar.
17. Failure to follow these warnings may result in loss of load, damage to jack, and/or failure resulting in personal injury or property damage.

Assembly

See fig. 1-19 on previous pages.

Air supply through gland on the rear side, ¼" pipe thread.

Please notice that an air connection set with hose guide, wire and spiral hose is available – please refer to the last section “Accessories” in this guide.

Use

Lifting: Turn left handle clockwise. Lower to the nearest safety stop by turning left handle counter clockwise.

Lowering: Lift a little to allow release of safety stop.

Turn both handles counter clockwise.

(release valve to the left, release for safety stop to the right). Both handles automatically return to neutral after releasing.

Noise emission: The A-weighted sound pressure level is max. 85 dB(A).

Maintenance

Maintenance and repairs must always be carried out by qualified personnel. The air-hydraulic pump needs oil for lubrication of the mechanical parts. It is recommended to install water separator/filter and oil lubricator close to the jacking beam.

Daily: Check jacking beam and supports for damage - and the correct placement of supports.

Monthly: Lubricate all moving parts with oil. Empty the water separator and fill the oil lubricator.

Oil refill and check: Lift to maximum height without load and remove filler plug (12). Correct oil-level is up to the hole.

WARNING: Do not operate with the filler plug removed (*oil tank will be pressurized*).

Oil quantity: **0,6 l.**

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

Never use brake fluid!

Safety inspection

In accordance with national regulations - yet, at least once a year - the following parts must be checked by an expert: Supports and support arms (*security against crashing*), abnormal wear and damages, weldings and the hydraulic system for leaks. Furthermore that all safety labels are legible.

Possible faults and how to overcome them

1. The jacking beam cannot lift to maximum height: Refill the oil tank. (See “Maintenance”).
2. The jacking beam cannot lift enough: Check that release handle is on “neutral” and can move freely. Both release 6222600 (adjusted with nut 0262700) and release arm Fig.20 (adjusted with 2 counternuts on the pump’s release spindle) must be loose to allow the release valve to close tightly. Also check the air supply: minimum 8,5 bar and 500 l/min.
3. The jacking beam cannot lower to minimum position: Check for damages; lubricate mechanical parts.
4. The jacking beam continues to lower after letting go of the release handle: Ventilate the hydraulic cylinder by screw (10).

WARNING: The jacking beam is not to be loaded.

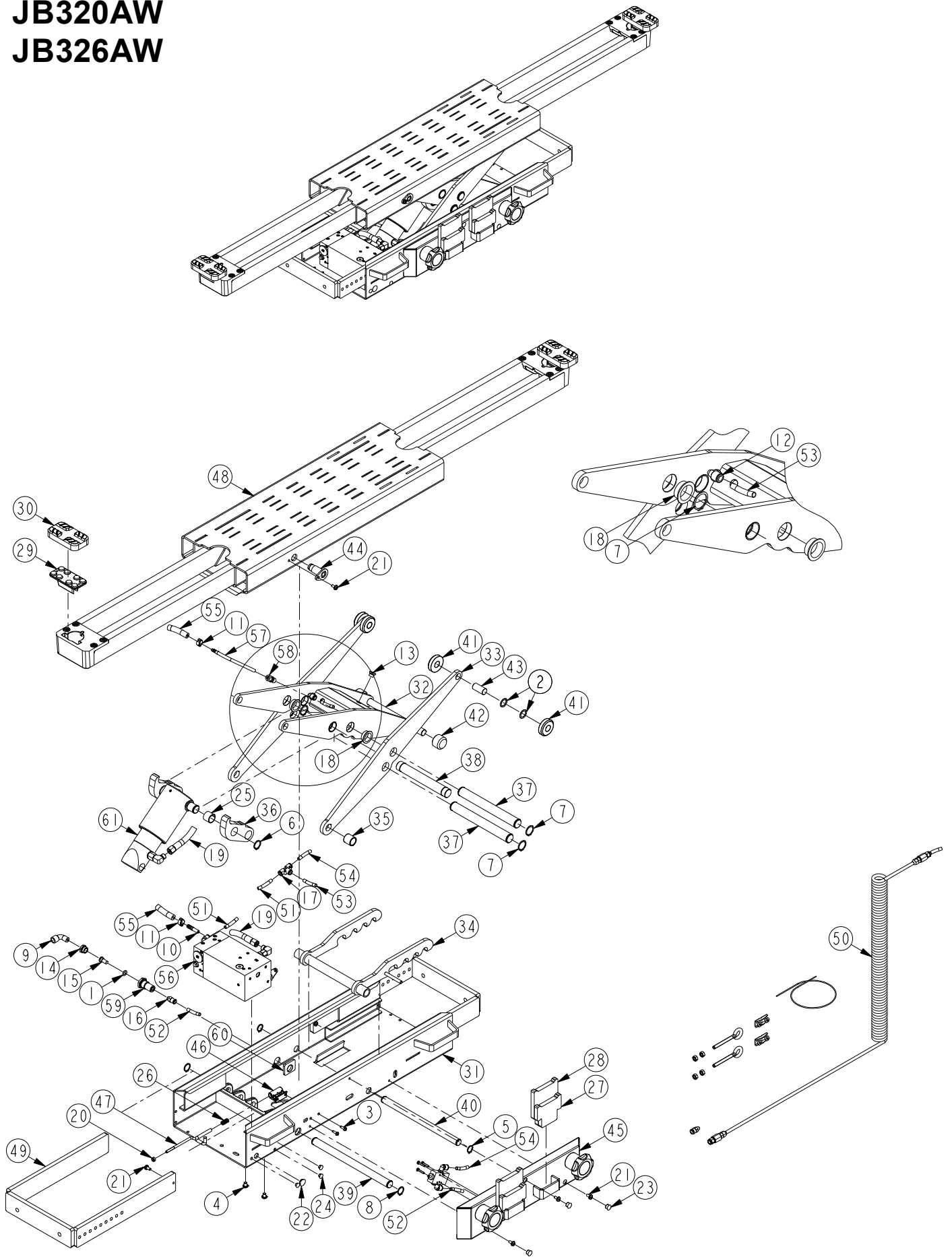
Spare parts

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

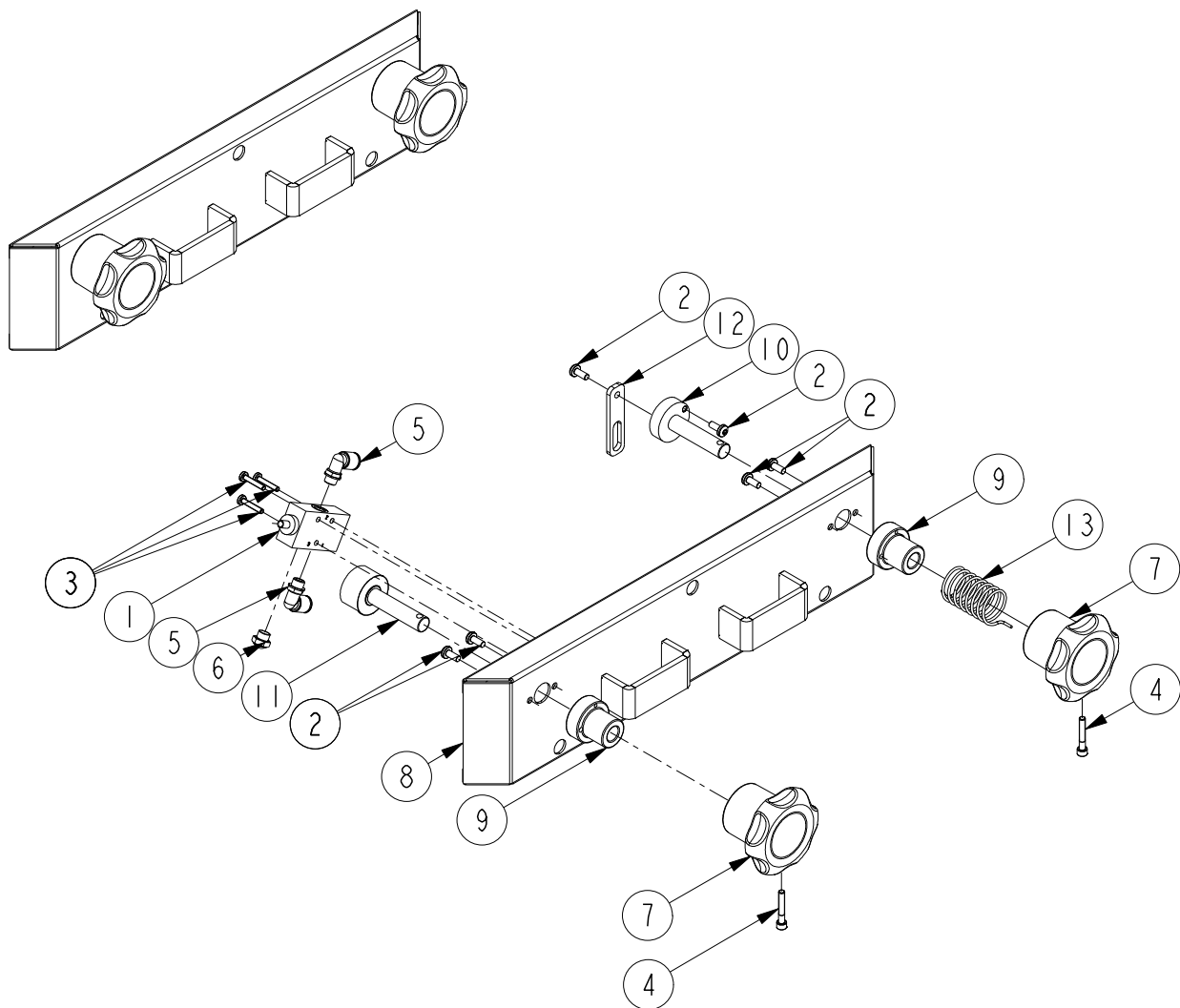
The oil must be drained off and legally disposed of.

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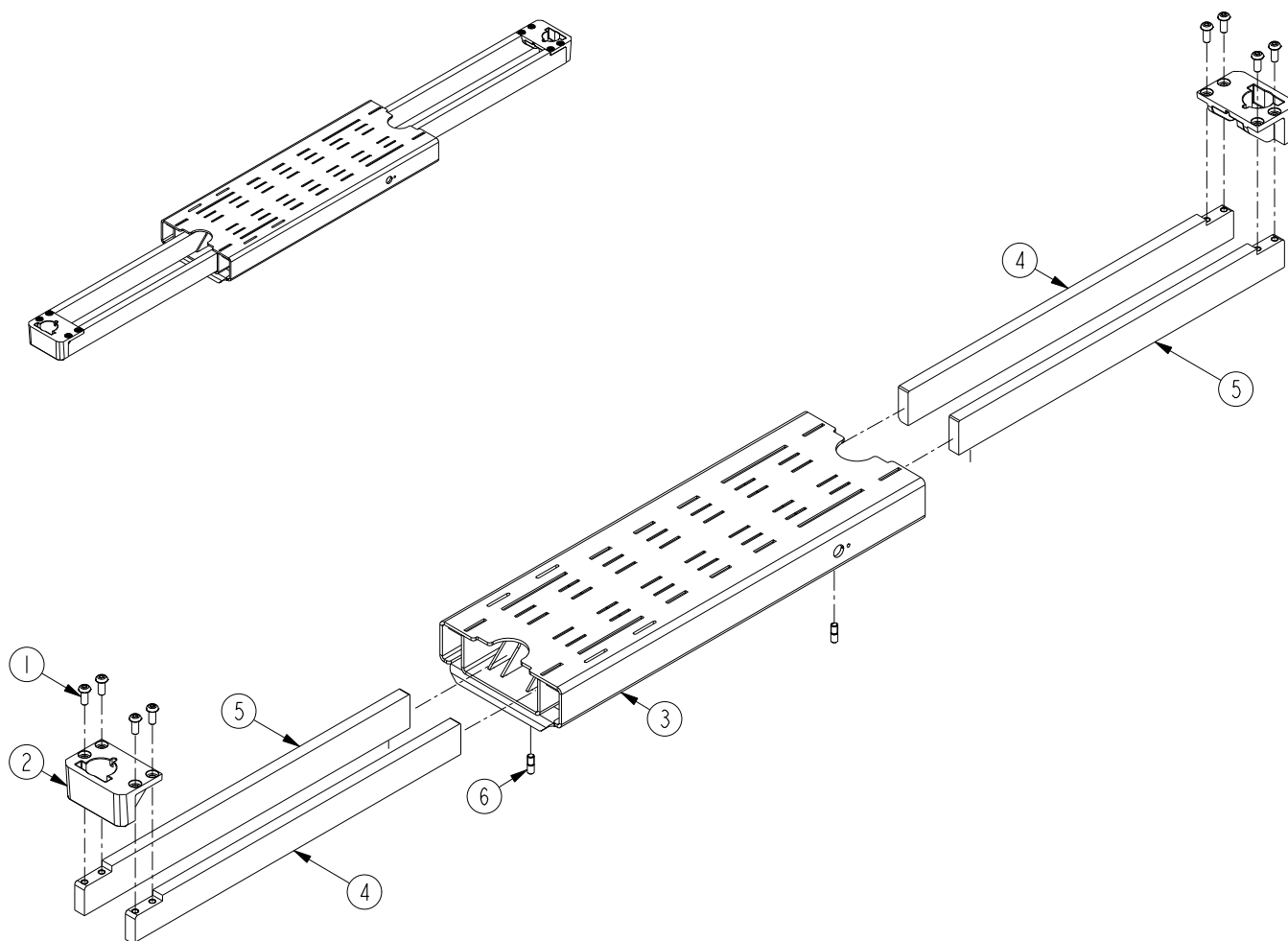
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Pos.	Art. No.	Art. No.	Pcs.	Description
	62 403 50	62 404 50		Air-hydraulic jacking beam
1	01 000 00	01 000 00	1	O-ring
2	02 004 28	02 004 28	4	Disc
3	02 010 07	02 010 07	2	Screw
4	02 158 00	02 158 00	2	Screw
5	02 204 00	02 204 00	2	Circlip
6	02 205 00	02 205 00	2	Circlip
7	02 206 00	02 206 00	6	Circlip
8	02 222 00	02 222 00	2	Circlip
9	02 405 00	02 405 00	1	Fitting
10	02 418 00	02 418 00	1	Hose union
11	02 421 00	02 421 00	2	Hose clamp
12	02 439 00	02 439 00	1	Fitting
13	02 470 00	02 470 00	1	Plug
14	02 506 00	02 506 00	1	Fitting
15	02 511 00	02 511 00	1	Fliter
16	02 516 00	02 516 00	1	Fitting
17	02 530 00	02 530 00	1	Fitting
18	02 556 00	02 556 00	4	Bearing
19	02 558 00	02 558 00	1	Hydraulic Hose
20	02 627 00	02 627 00	1	Nut
21	02 630 00	02 630 00	7	Screw
22	02 648 00	02 648 00	1	Plug
23	02 649 00	02 649 00	3	Plug
24	02 650 00	02 650 00	3	Plug
25	02 705 00	02 705 00	2	Bearing
26	02 754 00	02 754 00	1	Spring
27	62 022 00	62 022 00	2	Extension 45 mm
28	62 023 00	62 023 00	2	Extension 90 mm
29	62 024 00	62 024 00	2	Saddle
30	62 172 00	62 172 00	2	Rubber saddle
31	62 201 00	62 201 00	1	Bottom frame
32	62 202 00	62 202 00	1	Scissor half w. tank
33	62 203 00	62 203 00	2	Outer scissor arm
34	62 207 00	62 207 00	1	Safety stop
35	62 207 04	62 207 04	1	Distance bushing
36	62 210 00	62 210 00	2	Curve
37	62 211 00	62 211 00	2	Axle
38	62 212 00	62 212 00	1	Axle
39	62 213 00	62 213 00	1	Axle
40	62 215 00	62 215 00	1	Axle
41	62 216 00	62 216 00	4	Roller
42	62 217 00	62 217 00	2	Roller
43	62 218 00	62 218 00	2	Roller axle
44	62 219 00	62 219 00	2	Axle journal
45	62 220 20	62 220 20	1	Control panel
46	62 225 00	62 225 00	1	Guide block f. release
47	62 226 00	62 226 00	1	Release
48	62 230 50	62 230 50	1	Top beam
49	62 260 00	62 260 00	2	Base support arm
50	62 325 00	62 325 00	1	Air-line connection
51	90 798 09	90 798 09	1	Air hose
52	90 798 40	90 798 40	1	Air hose
53	90 798 55	90 798 55	1	Air hose
54	90 798 55	90 798 55	1	Air hose
55	90 880 47	90 880 47	1	Oil hose
56	90 960 89	90 960 72	1	Pump, cpl.
57	91 204 00	91 204 00	1	Oil tube
58	91 205 00	91 205 00	1	Gland
59	91 206 00	91 206 00	1	Filterhousing
60	91 207 00	91 207 00	1	Nut
61	91 230 00	91 230 00	1	Cylinder, cpl.

62 220 20

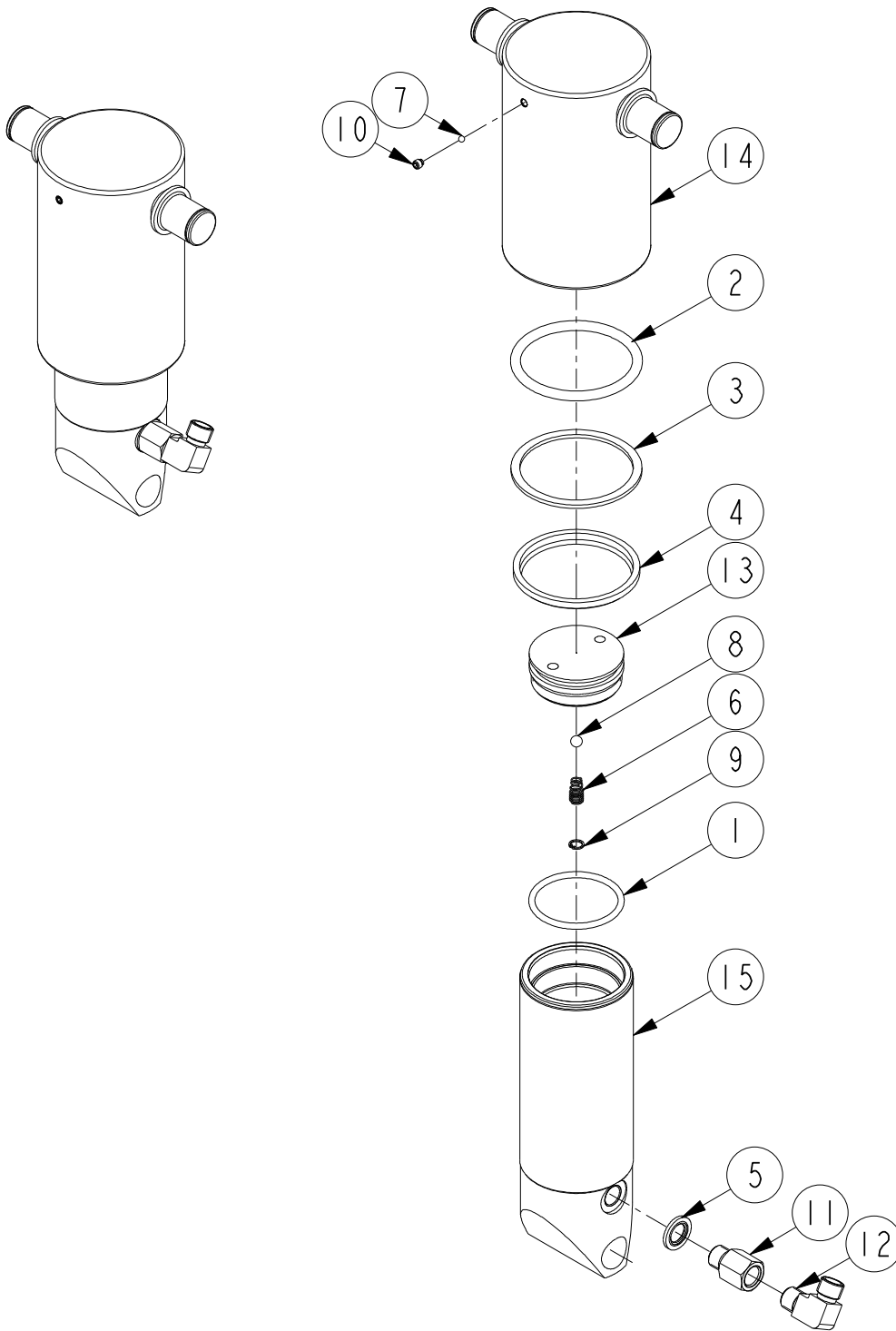


	JB320AW	JB326AW		
Pos.	Art. No.	Art. No.	Pcs.	Description
	62 220 20	62 220 20		Control panel
1	02 095 00	02 095 00	1	Valve
2	02 099 00	02 099 00	6	Screw
3	02 101 00	02 101 00	3	Screw
4	02 324 00	02 324 00	2	Screw
5	02 495 00	02 495 00	2	Fitting
6	02 564 00	02 564 00	1	Sound absorber
7	62 016 00	62 016 00	2	Operating handle
8	62 221 00	62 221 00	1	Front panel
9	62 222 00	62 222 00	2	Flange bearing
10	62 223 00	62 223 00	1	Release axle
11	62 224 00	62 224 00	1	Release axle
12	62 229 00	62 229 00	1	Splice plate
13	90 624 00	90 624 00	1	Spring

62 230 50



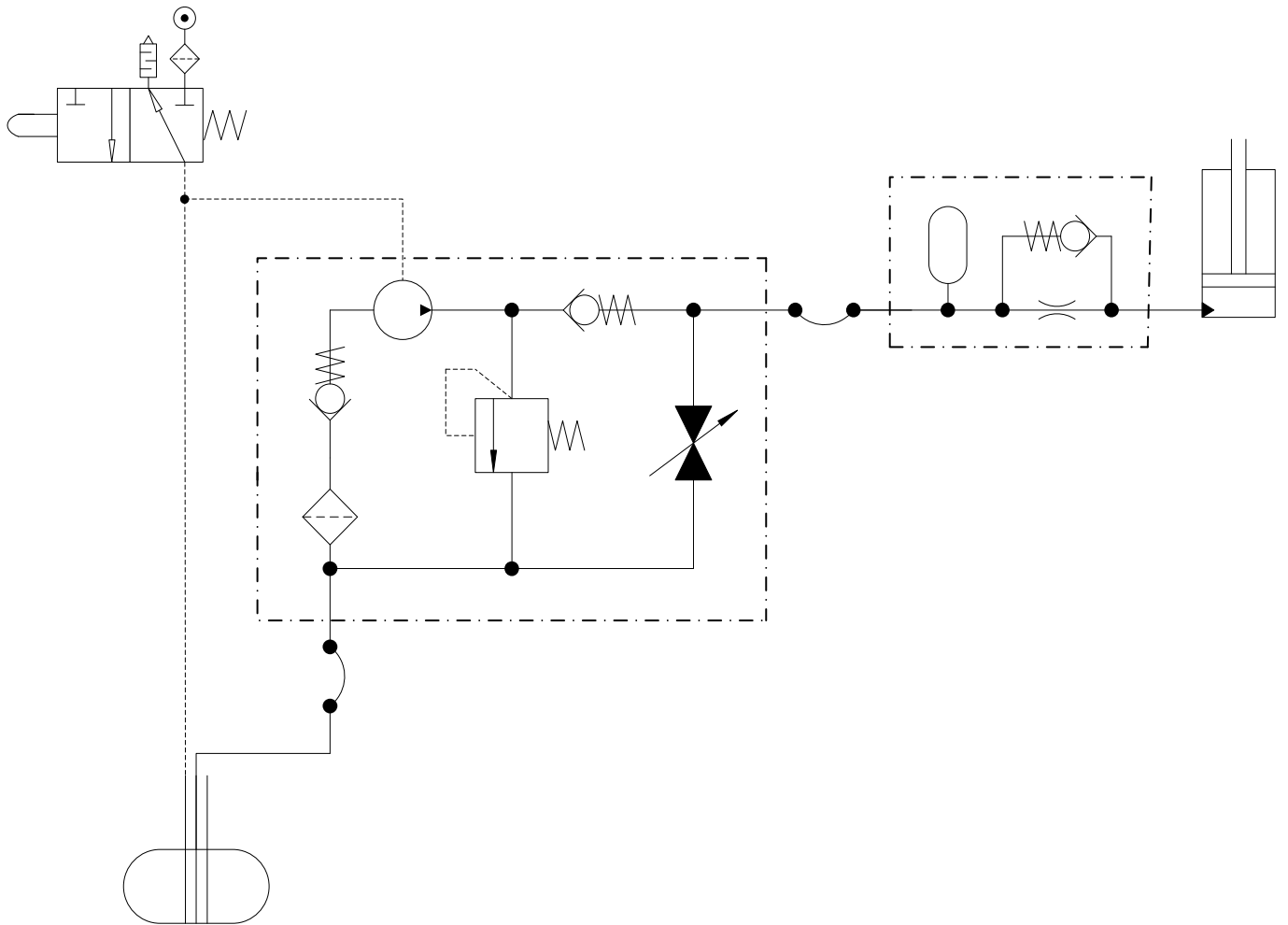
	JB320AW	JB326AW		
Pos.	Art. No.	Art. No.	Pcs.	Description
	62 230 50	62 230 50		Top beam, cpl.
1	02 002 38	02 002 38	8	Screw
2	62 230 39	62 230 39	2	Saddle holder
3	62 230 40	62 230 40	1	Top Beam
4	62 230 46	62 230 46	2	Base support arm
5	62 230 47	62 230 47	2	Base support arm
6	62 230 49	62 230 49	2	Stop




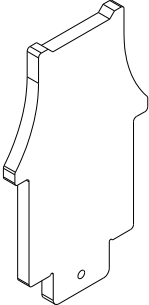
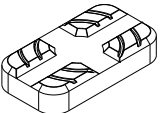
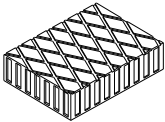
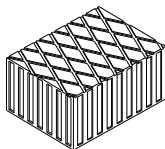

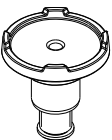
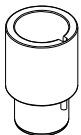

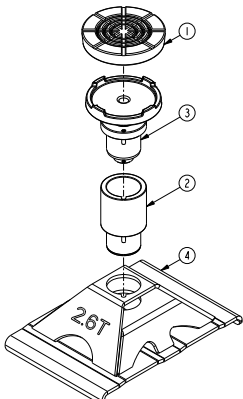
	JB320AW	JB326AW		
Pos.	Art. No.	Art. No.	Pcs.	Description
	91 230 00	91 230 00		Cylinder, cpl
*1	01 020 00	01 020 00	1	O-ring
*2	01 029 00	01 029 00	1	O-ring
*3	01 155 00	01 155 00	1	Back-up ring
*4	01 255 00	01 255 00	1	Scraper
*5	01 438 00	01 438 00	1	Seal
6	02 004 40	02 004 40	1	Compression spring
*7	02 291 00	02 291 00	1	Ball, Ø3,5
*8	02 292 00	02 292 00	1	Ball, Ø6,5
*9	02 542 00	02 542 00	1	Circlip
*10	02 629 00	02 629 00	1	Pinol screw
11	02 633 00	02 633 00	1	Bushing
12	02 820 00	02 820 00	1	Fitting
13	90 817 00	90 817 00	1	Valve disc
14	91 231 00	91 231 00	1	Cylinder
15	91 232 10	91 232 10	1	Piston rod
*	09 044 00	09 044 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.*

HYDRAULIC CHART



ACCESSORIES

	Pos.	Art. no.	Pcs.	Description
		62 125 00	1	130 mm Extension
		62 126 00	1	208 mm Extension
		62 172 00	1	Rubber saddle
		02 989 00	1	40 mm Rubber cushion
		02 990 00	1	80 mm Rubber cushion
		36 014 00	1	Rubber saddle
		62 143 00	1	Adjustable saddle
		62 141 00	1	Extention
		62 325 00	1	Air connection
		62 237 00		Spindlebase, cpl.
	1	36 014 00	1	Rubber saddle
	2	62 141 00	1	Extention
	3	62 143 00	1	Adj. saddle
	4	62 236 00	1	Spindlebase

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Legal notice

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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****JB320AW, JB326AW**

Air-hydraulic Jacking Beam,
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.