User guide & instructions for Compac air-operated workshop jack

A1,6T-77

1600kg



A10T-C

10000kg



This user guide & instructions is also available upon request in other languages at no charge.

Before using the product:
Read and understand this



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Thank you for choosing a Compac product.

Warranty:
A 3-year warranty is furnished with the product, provided that the product is handled in accordance with the directions below. Please see page 7 for complete warranty information.
Note: Do not undertake constructive changes.

Cautions - safety measures
1. The jack must only be used by trained personnel who have read and understood this manual.
2. Avoid overloading. The capacity must not be exceeded.
3. The jack must only be used on a horizontal, level and structurally stable substrate.
4. The vehicle's wheels must be pointed forward and braked or blocked.
5. The jack is solely a lifting tool. Always support the vehicle with approved jack stands before working underneath the vehicle.
6. Lift only at the vehicle's lifting points as prescribed by the manufacturer, and only centrally on the saddle.
7. Being in, on or under a vehicle that is lifted or solely supported by a jack is forbidden.
8. The jack may be used with a maximum of 1 standard extension piece.
9. The jack - including the pressure relief valve - must not be modified.
10. Maximum allowable air pressure: 10 bar/145 psi, minimum 300l/min.
11. Min. distance to walls min. 0.5m wrt/ emergency escape routes.
12. Lacking compliance with these warnings can cause the load to fall down or the jack to malfunction, which may result in personal injuries or material damage.
The jack must only be used from -5° to + 40°

Mounting: See page 3
For mounting of joystick, see **picture (1-7).**
IMPORTANT: The hoses must go through the eye at the pull handle head, large hose at the bottom and small hose at the top (see picture 4). Remove the red plug (see picture 5).

CAUTION:
Before placement into service and subsequently at periodic intervals, lubricate all movable parts with oil. Air connection: 1/8”RG (see picture 7). Full capacity is achieved from 8 bar. Maximum air pressure :10 bar/145 psi.

Operating manual:
Transport and store the jack standing on its wheels.
Raising: Press on the operating valve at the top of the handle (see picture 11), the pump will start, and the jack will rise.
Lowering: Pull the handle up and turn it clockwise (see picture 12.13).

The handle can be set in 3 different positions (see picture 8-10) by turning the handle clockwise and tilting it up or down to the desired position.

Maintenance:
Maintenance and repairs must be performed by qualified personnel.
As with all other pneumatic tools, the air motor requires oil for lubrication of moving parts. It is recommended that an air supply be used with a filer/water trap and oil lubrication mechanism.
Monthly: Empty the air supply's water trap and fill the lubrication mechanism up with oil. Lubricate all movable parts with oil. At the same time, check jacks and extension pieces for damage and abnormal wear. For obvious wear of moving parts, replace them at an authorized workshop with original spare parts.
Annually: Replace filter (see picture 14,17,18)
Check the safety valve by pulling in the eye or air to whistle out of the valve 2-3 times (see picture19)

Oil filling: Fill up with oil (see picture 14-16). The correct oil level is 25 mm below the top edge of the hole, when the jack is standing horizontally, and the lifting arm is completely down.
Oil quantity: A1,6T-77 = 0.4 l ; A10T-C = 1.2l.
Oil type: Hydraulic oil with viscosity ISO VG 15, for example Castrol Hyspin AWH 15, Mobil DTE 10 Excel 15 or the equivalent.
Never use brake fluid!

Safety inspection:
With respect to national rules - however at least every year - the following must be checked for by a qualified expert: Damage, abnormal wear, the saddle for incipient fractures, pressure relief valve's adjustment, cylinder and pump for leaks. And also, that labels of safety-related significance are readable.
If anomalies appear, the jack must not be used
Troubleshooting:
1. The jack cannot lift completely up to the top even though the pump is running: Fill up the oil, see the oil quantity!
2. The air motor is running slowly or halts: The air pressure from outside is not sufficient, check the air supply!
3. The load is dropping: check for leaks. Introduce press ball with mandrel (only authorized personnel).
4. Oil spills from cylinder: Replace cylinder gaskets. Sudden oil spills from air motor and handle may be due to incorrect handling, for example if the jack has been laying on its side. If so, the oil spill (from the oil tank) will stop when the jack is standing on its wheels again - but the oil will continue to drip for some hours.

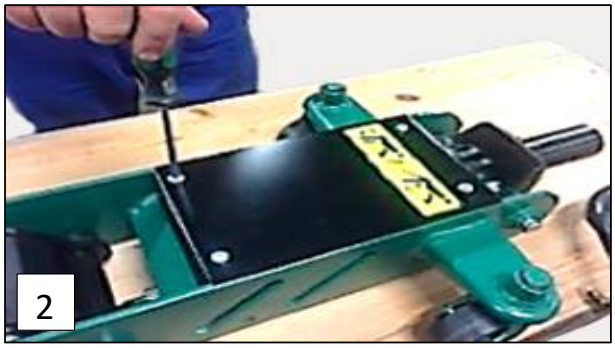
Spare parts:
Always replace worn or defective parts with original spare parts.

Destruction:
When the jack is to be disposed of after many years of use, the oil must be drained out and disposed of in a lawful manner.

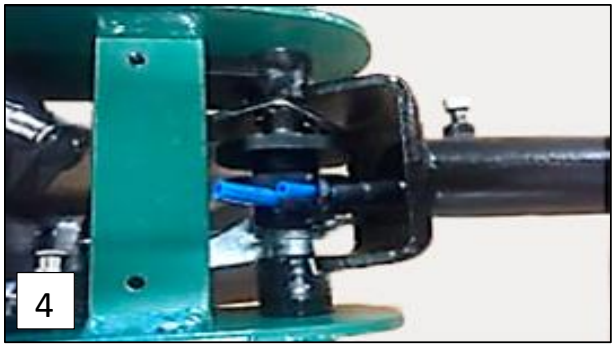
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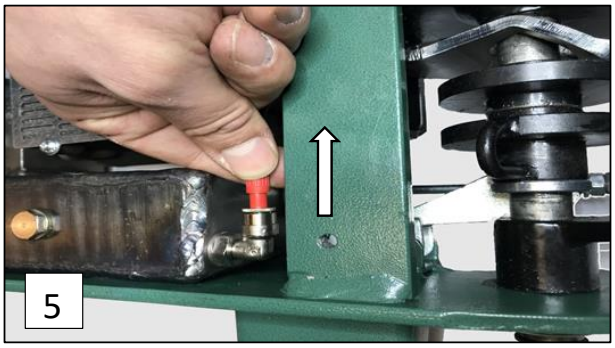
Mounting of pull handle + air connection

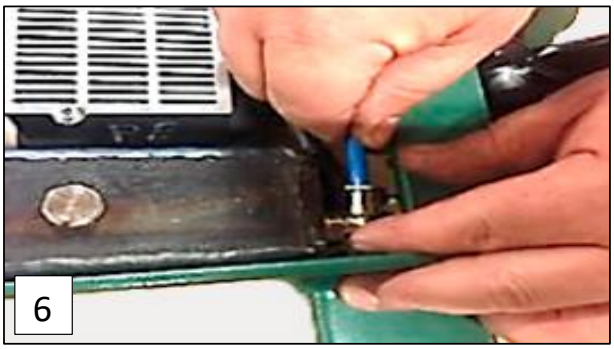


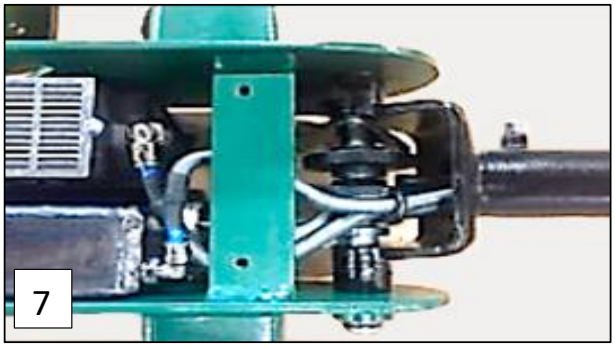










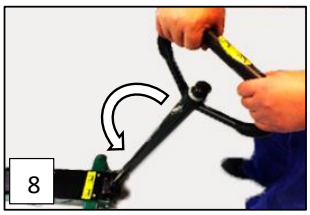


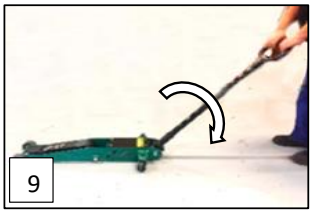


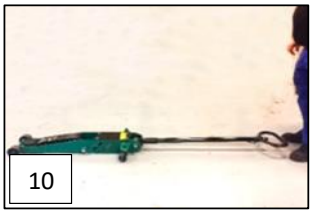
Now ready for use

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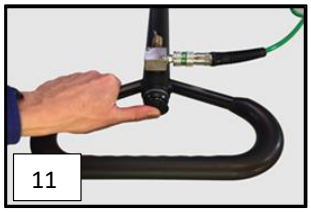
Change the pull handle's position, 3 positions

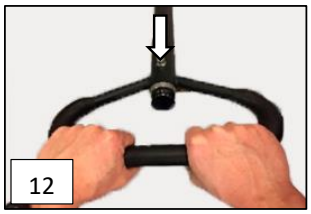


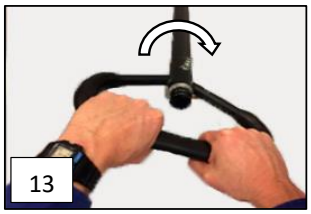




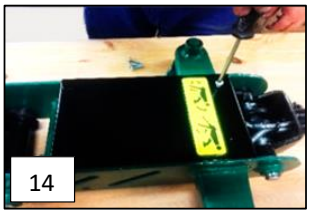
Raise and lower the jack

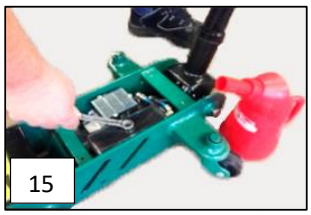


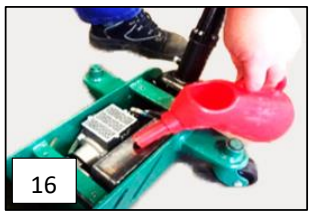


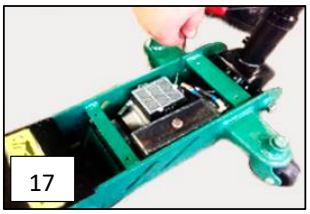


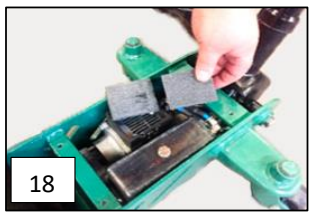
Oil filling / filter replacement / check safety valve

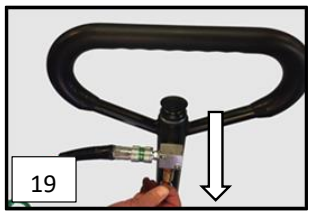












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Signs

Rating plate

COMPAC	
Compac Hydraulik A/S* Strandhusevej 43* DK-7130 Juelsminde	
Type/Type/Type	xT-xx Gx
Netto vægt/ Nettogewicht /Net. Weight/Poids net	xx kg
År/Baujahr/Year/Année	Year - Month
Max. Cap.: xxxx kg	CE

Read manual



Warning



Avoid lopsided loads on saddle



Correct load on saddle



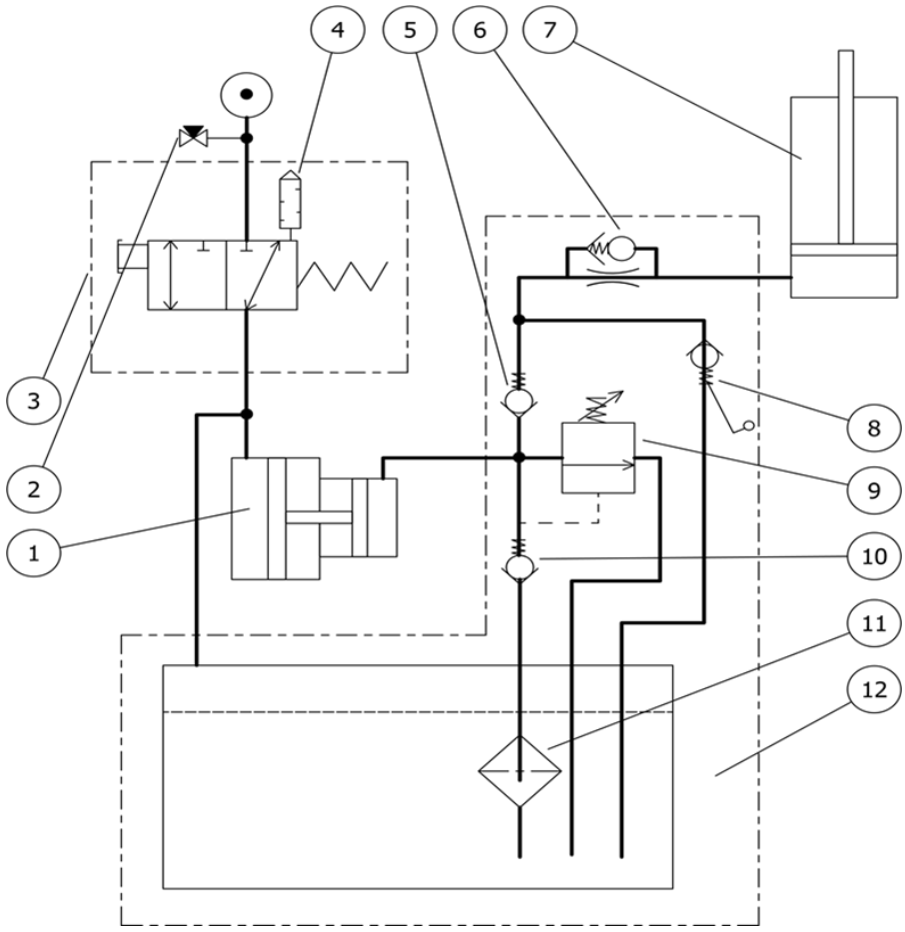
Change pull handle position, turn counter-clockwise

Lower the load, 1 lift handle 2 turn clockwise



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Pneumatic / hydraulic diagram



1. Air pump
2. Safety valve
3. Valve
4. Exhaust filter
5. Press ball
6. Relief brake valve
7. Cylinder
8. Relief valve
9. Pressure regulator
10. Suction ball
11. Suction filter
12. Tank

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Warranty:
The Compac A1,6T-77 and A10T-C have a 3-year warranty from date of purchase by the end user.
The warranty is only valid if all the recommendations on safety, operation, service and maintenance have been followed.

What is covered by the 3-year warranty?
The warranty covers faulty material and workmanship only. The components covered by the 3-year warranty are the key components: Chassis, lifting arm, oil tank, operating valve and cylinder. All other parts subject to 1 year warranty.

What is not covered by the 3-year warranty?
Problems due to improper maintenance, service and wear are not covered by warranty. This warranty does not cover defects caused by wear, lack of lubrication, improper maintenance, improper use, modifications, use with improper fluids or fluid levels, improper or contaminated air supply, accident, shipping damage, or any other cause not resulting from defective materials or workmanship. Functional problems without any leakage like jack losing height, unable to lift load, etc. are often due to improper service and calibration.

Wear parts are not covered by Compac´s 3-year warranty:
The replacement intervals for these parts depend on the extent to which the product is used and how well it is maintained. These parts can be considered equivalent to the brake pads, wipers, oil filters, etc. on a new car, which are not covered by the warranty of the car either.

Any equipment that is repaired or replaced within the warranty period shall not extend the original warranty period. Any purchased service parts that prove defective with respect to materials or workmanship will be repaired or replaced by the factory, if said defect occurs within 90 days of purchase. Repair or replacement is the exclusive remedy for defective equipment under this warranty. Claims can be accepted only where the fully assembled equipment is submitted to the repair facility.

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