

# Operation Manual

## Pneumatic Oil Extractor

51713



Similar to image, may vary depending on model

Read and follow the operating instructions and safety information before use.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ slightly.



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## Introduction

Thank you very much for deciding to purchase this quality product. To minimise the risk of injury, we ask you to comply with a few basic safety precautions when using this product, please read this operating manual thoroughly and ensure that you have understood it. Keep the operating manual for future reference.

## Safety notes

- Install the device in a protected area, so that nobody steps on the cable, falls over it and/or damages it. Additionally, ensure that there is a sufficient ventilation via the surrounding air and avoid heat accumulation.
- To clean the device, use a wet cloth. Avoid the use of cleaning detergents and make sure that no liquids enter the device.
- The inside of the device has no parts needing to be maintained. The device must only be maintained, adjusted, and repaired by a qualified technician. In case of a foreign interference, the warranty is voided! Keep the operating manual for future reference.
- The oil extractor is not suitable for extracting solvents, petrol, alkalis, or acids.
- Pay attention to local regulations regarding waste oil disposal.
- Avoid excessive contact with waste oil. A more frequent contact or contact over longer time can lead to skin damages and diseases.
- Always wear fitting safety equipment, such as protective gloves and safety clothing, whilst using the device.
- Keep the extractor in a clean and maintained condition.
- Always work with utmost care and attention.
- Do not use excessive force on the device.
- Never exceed the stated pressure data.
- Dress accordingly for the work being carried out. Wear fitting protective clothes and avoid wearing loose clothing and jewellery. Tie long hair together.
- Place the device on an even, clean, and dry surface. Additionally, make sure that the surface can carry the weight.
- Ensure that all connections are sealed. If the connections are leaking, do not use the device.
- Do not expose the device to rain or splash water.

## Technical data

<b>Vacuum air pressure (bar)</b>	8–10
<b>Approved liquids</b>	Motor oil and transmission oil
<b>Pressure decrease time (min)</b>	2
<b>Hose length (m)</b>	2 (intake and outlet each)
<b>Air flow rate (<math>\frac{l}{min}</math>)</b>	200

### *Diameter of suction probes*

<b>№</b>	<b>Dimensions (mm)</b>	<b>Material</b>	<b>Amount</b>	<b>Flow rate (<math>\frac{l}{min}</math>)</b>
<b>1</b>	∅ 6×4×720	PVC	2	0.6
<b>2</b>	∅ 6×4×900	PVC	1	
<b>3</b>	∅ 8×6×720	PVC	2	1.6



Please check the content of delivery for damage. If a transport damage should be present, please contact the customer service and send pictures, if possible, showing it. Do not use the oil extractor if it has any damages.

**Note!** It takes approx. 2–3 min until a pressure of 8–10 bar is reached.

### Bleeding tank

1. Close all taps except for tap **3**.
2. Connect a compressor to position **A** (8–12 bar).
3. Slowly open tap **9** until the maximum vacuum is reached (0.58–0.60 cmHg).
4. Close tap **9** and remove the pressure hose.

### Oil extraction

Connect the matching probe and use the oil extractor. Open tap **8**.

**Attention!** The tank must not be overfilled. Pay attention to the marking, which shows the maximum filling capacity of the tank.

### Emptying tank

1. Connect the compressor to **5** and open tap **12** slowly until a tank pressure of 1 bar is reached.
2. Connect the tap **12** when a pressure of 1 bar is reached.
3. Connect the outlet hose to the oil tank and open tap **6**.
4. Close tap **6** after the tank is emptied.

### Safety valve

A safety valve releases the pressure if it is above 2.06 bar (30 psi).

### Troubleshooting

Problem	Possible causes and solutions
Pressure gauge does not work	Check the air pressure. It should have a minimum value of 8 bar with an air flow rate of 200 $\frac{1}{\text{min}}$ .
	Ensure that all valves are properly connected.
	Check all seals.
Pressure is being shown, yet the oil extractor does not work.	Check the seal of the probe.
	The temperature of the waste oil is too low.
	Ensure that the outlet pipe is opened.
	Ensure that the outlet pipe is not blocked and the suction probe is not touching the ground.

### Maintenance

- Regularly check the oil extractor for leakage.
- The pipeline and connections should be placed close to each other.
- Remove the waste oil fast from the tank, to avoid corrosion.

## Notes

- Pay attention to the various sizes of probes for various applications and flow rate capacity.
- When using the device for a longer period, check the connections for leakages.
- With Toyota and Camey there are problems when using the probes. For these, we recommend extracting of the oil via the regular way.

## Parts list



No/Letter	Name
1	Suction probe
2	Probe mount
3	Tap (3/4")
4	Connector
5	Air inlet valve
6	Tap (1/2")
7	Probe connection
8	Tap (1/4")
9	Tap
10	Manometer
11	Safety valve
12	Tap (1/4")
A	Compressor connection point

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