



KL-0124-43

Oil Pump with Tank (12 Litres)



Operating instructions
 ⚠ Read and understand before use!

EN



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1. READ AND UNDERSTAND FOR YOUR SAFETY



Read and understand these operating instructions **before using** the oil pump (*oil pump with tank*), and observe all safety and warning instructions! Misuse can result in **DEATH** or **SEVERE INJURIES**! These operating instructions are an integral part of the oil pump. Keep them at a safe place for future reference, and always pass them on to subsequent users of the oil pump! The oil pump complies with the recognised rules of technology as well as with the relevant safety regulations!

1.1 Target group

These operating instructions are **exclusively** intended for skilled personnel in specialised motor vehicle workshops!

The oil pump **may only be** used by skilled personnel in specialised motor vehicle workshops who are familiar with the basic regulations on work safety and accident prevention!

➤ **Never** allow unauthorised, inexperienced persons, minors and children, or persons with limited physical, sensory, and mental abilities to use the oil pump!

1.2 Obligations of the owner

Pursuant to the German Ordinance on Industrial Safety and Health (*BetrSichV*), employers are obliged to provide their employees with safe work equipment in accordance with the recognised rules of technology and the relevant safety regulations!

➤ The owner of the oil pump **must** ensure that **only** trained personnel in specialised vehicle workshops use the oil pump!

➤ The owner of the special **must** ensure that the operating instructions are available to the user and that the user has completely read and understood the operating instructions **before** using the oil pump!

➤ The owner of the oil pump **must** ensure that the user is familiar with the basic regulations on work safety and accident prevention and that the personal protective equipment is available to him!

1.3 Intended use

The oil pump ...

➤ **may only be used** for filling oils in gearboxes, differentials, engines, and power steering systems in passenger cars and commercial vehicles!

➤ **may only be** filled with oils which are classified **as non-hazardous** according to Regulation (EC) No. 1272/2008 (CLP)!

➤ **may only be** pressurised up to the **max. permissible operating pressure of 1 bar (14 psi)**!

➤ **may only be** operated by hand or pressurised with dry and oil-free compressed air!

➤ **may only be** used with GEDORE Automotive genuine spare parts and accessories!

➤ **may only be** used in the way described in these operating instructions!

⚠ Any other use can result in **DEATH** or **SEVERE INJURIES**!

1.4 Reasonably foreseeable misuse

The oil pump ...

➤ **must never be filled** be filled with fluids which are classified **as HAZARDOUS** according to Regulation (EC) No. 1272/2008 (CLP)!

➤ **must never be** used with petrol or other highly flammable fluids!

➤ **must never be** operated above the **max. permissible overpressure of 2.5 bar (36 psi)**!

➤ **must never be** used with liquids whose temperature exceeds **45°C (113°F)**!

➤ **must never be** used with a bridged, modified, or removed safety device; above all, do not use it with a tampered pressure relief valve!

➤ **must never be** used for batch processing with many filling processes within a few minutes!

➤ **must never be** modified, converted, or used for other purposes without authorisation!

⚠ Use the oil pump **always** as intended. Any other use can result in **DEATH** or in **SEVERE INJURIES**!

1.5 Personal protective equipment

For your safety, **always** wear personal protective equipment when using the oil pump! The oil pump can bring about mechanical hazards, such as crushing, cutting, and shock injuries.



Always wear **EYE PROTECTION** (see DIN EN 166, OSHA 29 CFR 1910.133, ANSI Z87) when using the oil pump to protect yourself against parts or particles flying about!

When using the oil pump, fluids splashing around, and parts or particles flying about can cause **SEVERE INJURIES** to your **eyes**!



Always wear **PROTECTIVE GLOVES** (e.g. DIN EN 388, OSHA 29 CFR 1910.138, ANSI 105) when using the oil pump to protect yourself against sharp edges and crushing between parts!

When working with the oil pump, sharp edges and crushing between parts can cause **INJURIES** to your **hands**!



Always wear **SAFETY SHOES** (for example to DIN EN ISO 20345, OSHA 29 CFR 1910.136, ANSI Z41) when using the oil pump to protect yourself against dropping parts!

When working with the oil pump, dropping parts can cause **injuries** to your **feet and toes**!

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1.6 Labelling of the warnings

Warnings warn of potential **hazards**. **Always** observe these warnings to avoid **DEATH** or **INJURIES**!

For better differentiation, warnings in these operating instructions are classified as follows:

Warning sign	Meaning
WARNING	Indicates a hazardous situation which, if not avoided, could cause DEATH or SEVERE INJURIES .
CAUTION	Indicates a hazardous situation which, if not avoided, could cause MODERATE or MINOR INJURIES .
ATTENTION	Indicates a situation which, if not avoided, can cause damage to the tool or an object in its vicinity.
i	Note on important information and useful tips.

1.7 Basic warnings

WARNING - Danger to life from MISUSE

The oil pump may burst or explode due to **MISUSE**. This can cause **DEATH** or **SEVERE INJURIES**!

Read and understand these operating instructions **before using** the oil pump, and observe all safety and warning instructions for **safe use**!

Always work with the oil pump in accordance with the basic regulations on work safety and accident prevention!

Only use the oil pump as intended and described in these operating instructions!

Never fill the oil pump with petrol or other highly flammable liquids; it may only be filled with oils which are classified as non-hazardous according to Regulation (EC) No. 1272/2008 (CLP)!

Never use the oil pump with fluids whose temperature exceeds **45°C (113°F)**!

Always observe the vehicle-specific application procedures in the repair guide of the vehicle manufacturer!

Never use the oil pump if it is damaged or has loose parts or unauthorised modifications!

Always wear your personal protective equipment (*safety goggles, protective gloves, safety shoes*) during work!

Never beat the oil pump with a hammer or anything similar!

WARNING - Danger of injury from OVERLOAD

The oil pump can burst as a consequence of **OVERLOAD**. This can cause **SEVERE INJURIES**!

Never exceed the **max. overpressure** of the oil pump of **2.5 bar (36 psi)**!

Never use the oil pump with a tampered pressure relief valve!

Always check the setting of the dosing screw before using the oil pump with compressed air!

Never use the oil pump if it is damaged or has loose parts or unauthorised modifications!

Always wear your personal protective equipment (*safety goggles, protective gloves, safety shoes*) during work!

ATTENTION - Risk of DAMAGE

Risk of **DAMAGING** the oil pump and the vehicle.

- ✔ **Always** observe the oil grade and filling amount specified by the vehicle manufacturer!
- ✔ **Always** observe vehicle-specific application procedures in the repair guide of the vehicle manufacturer.
- ✔ **Only** use the oil pump in compressed air operation with dry and oil-free compressed air!
- ✔ **Never** use the oil pump for batch processing with many filling processes within a few minutes!

1.8 Basic safety instructions

For your safety, **always** observe the following safety precautions when using the oil pump in order to avoid injuries and material damage caused by misuse or unsafe handling.

- ✔ Read and understand these operating instructions **before using** the oil pump, and observe all safety and warning instructions for **safe use**!
- ✔ **Always** observe the vehicle-specific application procedures in the repair guide of the vehicle manufacturer!
- ✔ **Always** work with the oil pump in accordance with the basic regulations on work safety and accident prevention!
- ✔ **Never** use the oil pump when you are tired or under the influence of alcohol, drugs, or medication!
- ✔ **Before each use**, check the oil pump **carefully** for damage, loose parts or unauthorised modifications. **Never** use it if you notice any such deficiencies!
- ✔ Use **only genuine GEDORE Automotive** spare parts and accessories!
- ✔ **Before using** the oil pump, ensure that **no** unauthorised persons are in the immediate environment!
- ✔ **Always** observe the **max. loading capacity** when using the oil pump, and **never** exceed it!
- ✔ **Always** wear your personal protective equipment (*safety goggles, protective gloves, safety shoes*) during work!
- ✔ Interrupt your work **immediately** if you are unsure about using the oil pump. Contact **GEDORE Automotive GmbH** if **necessary**!
- ✔ For safety reasons, stop using the oil pump when you detect any damage on it! Professional inspection and repair may only be carried out by specially trained personnel from **GEDORE Automotive GmbH**!
- ✔ **Always** use the oil pump as intended. Non-compliance will invalidate any warranty claim and may significantly reduce its durability!

1.9 Work environment

For your safety, **only** use the oil pump in a safe working environment.

- ✔ The workplace **must** be clean and tidy.
- ✔ The workplace **must** be sufficiently large and illuminated.
- ✔ The workplace **must** be on a solid and non-skidding floor.
- ✔ The workplace **must** be safeguarded against access of unauthorised persons.
- ✔ The workplace **must** have a room temperature between -10°C and +40°C.

1.10 Emissions

Oil can drip or escape when using the oil pump and thus pose a hazard to the environment.

- ✔ **Immediately** remove leaking oil with oil binding agents or a rag, for example.
- ✔ In case of skin contact with hydraulic oil, clean the affected area **immediately** with degreasing soap and water.
- ✔ Dispose of pollutants such as oil in an **environmentally friendly** manner.

2. PRODUCT DESCRIPTION

2.1 KL-0124-43 - Oil pump with tank (12 litres)

Can be universally used on cars and commercial vehicles. Particularly suitable for transmissions for VW-Audi, Ford, BMW, Honda, Nissan, Toyota, Mercedes, Volvo.

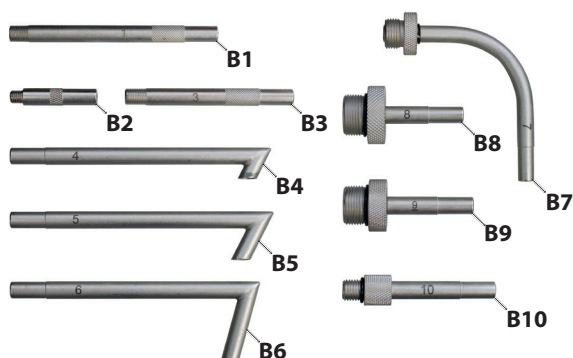
The oil pump with 12 litre reservoir is particularly suitable for safe and quick filling of gearbox, differential, engine, power steering etc. The container can be quickly and easily pressurised by means of the compressed air supply. This leaves both hands free for exact dosing during filling. Alternatively, the required operating liquid can be filled in by operating the manual feed pump. Especially in very tight spaces or places which are difficult to access, filling or refilling with the oil pump with container can be carried out quickly, easily, and cleanly. The universal and vehicle-specific adapters included in the scope of delivery make the oil pump with reservoir universally applicable.

Recommended accessories:

Tank with lid (12 litres) - **KL-0124-433**, Angled oil filler neck (VW-Audi) - **KL-0124-4359**, Filling adapter for VW DSG gearboxes - **KL-0124-4358-10**



Content: Adapter case tool - KL-0124-432 K



2.2 Scope of delivery / overview of the single parts

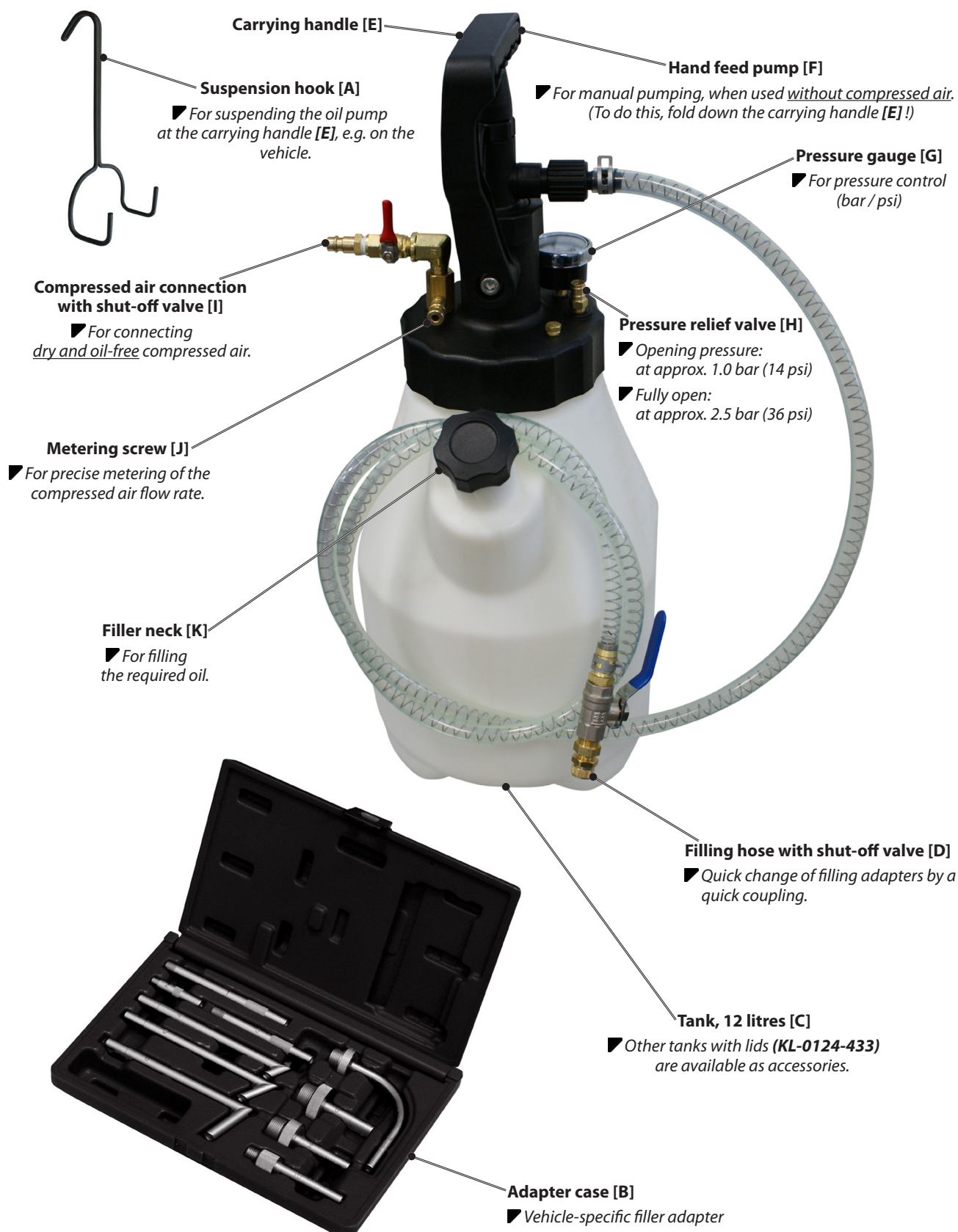
Item	Part no.	Description	Qty.
A	KL-0124-4312	Suspension hook	1
B	KL-0124-432 K	Adapter case	1
B1	KL-0124-4358-0	Adapter, Ford gearbox	1
B2	KL-0124-4358-9	Adapter, Volvo gearbox (5/16-24)	1
B3	KL-0124-4358-5	Adapter, VW gearbox (M10x1.0)	1
B4	KL-0124-4358-3	Adapter short, VW gearbox	1
B5	KL-0124-4358-4	Adapter long, VW gearbox	1
B6	KL-0124-4358-2	Adapter, BMW, Honda, Nissan	1
B7	KL-0124-4358-1	Adapter, Toyota gearbox	1
B8	KL-0124-4358-6	Adapter, VW-Audi DSG gearbox (M24x1.5)	1
B9	KL-0124-4358-7	Adapter, Audi CVT gearbox (M22x1.5)	1
B10	KL-0124-4358-8	Adapter, Mercedes 722.9 gearbox (M12x1.5)	1
-	KL-0124-4390	Plastic case	1
C	KL-0124-4311	12-litre-tank with pump	1
-	KL-0124-4311-1	12-litre-tank (without pump)	1
-	KL-0124-4311-2	Cover (without pump)	1
-	KL-0124-4311-3	Pump	1
D	KL-0124-4313	Filling hose with ball valve	1

2.3 Specifications

Tank capacity (with pump): 12 litres
 Opening pressure of pressure relief valve: 1 bar (14 psi)
 Maximum overpressure: 2.5 bar (36 psi)

2.4 Component overview

This overview shows the basic components, designations, and information on the oil pump with tank.



📷 1: Relieve residual pressure of the tank [C] at the carrying handle [E].

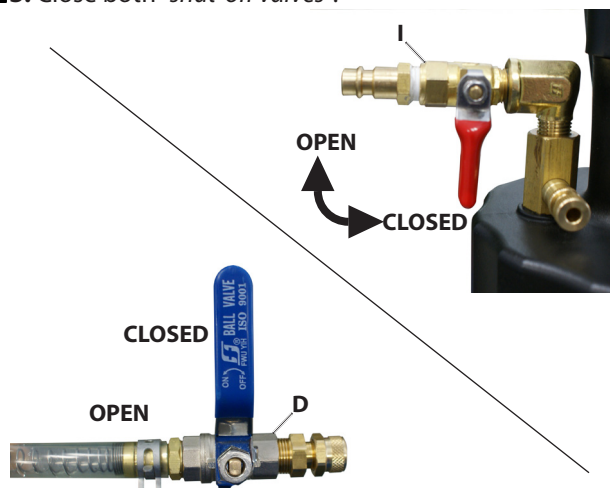


📷 2: Fill tank [C] with the required oil.



❗ Other tanks with lids (KL-0124-433) are available as accessories, for example for different oil grades.

📷 3: Close both "shut-off valves".



3. PREPARATION

⚠ WARNING

The oil pump may burst or explode due to **MISUSE**. This can cause **DEATH** or **SEVERE INJURIES**!

► **Prior to using** the oil pump, read and understand **all** safety instructions and warnings listed in **Chapter 1**, and **always observe them for safe use**!

► Use the oil pump **as intended**, and **always** carry out maintenance and repairs in compliance with the regulations on occupational safety and accident prevention as well as the vehicle manufacturer's instructions!

► **Before each use**, check the oil pump **carefully** for damage, loose parts, or unauthorised modifications. **Never** use it if you notice any such deficiencies!

► **Always** wear your personal protective equipment (for example safety goggles, protective gloves, safety shoes) when working!

3.1 Checking the scope of delivery

Prior to preparing or using the oil pump, check that all parts of the scope of delivery are available (see chapter 2.), and follow the instructions below.

3.2 Preparing the oil pump

⚠ CAUTION

When opening the tank [C], a sudden pressure reduction may throw oil around in an uncontrolled manner. This can cause eye **INJURIES**!

► Relieve any residual pressure in the tank [C].

1. Before continuing work, fold the carrying handle [E] towards the side as shown in 📷 1. This opens a pressure release valve and releases any residual pressure in the tank [C].

⚠ WARNING

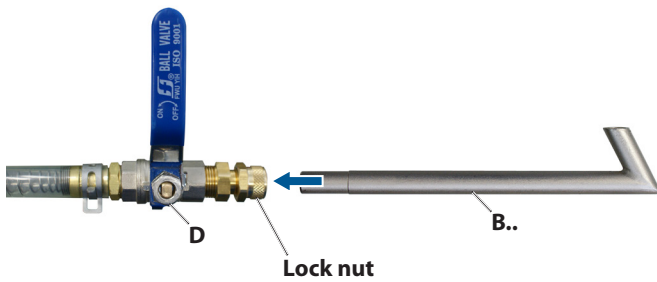
The oil pump can explode if petrol or other highly flammable fluids are filled in. This can cause **DEATH** or **SEVERE INJURIES**!

► **Never** fill the oil pump with petrol or other highly flammable fluids; it may only be filled with oils which are classified as non-hazardous according to Regulation (EC) No. 1272/2008 (CLP)!

2. Open the filler neck [K] to fill the tank with the required oil [C] with the required oil 📷 2.

3. Close the "shut-off valve" on the compressed air connection [I] and on the filling hose [D], if they are still open 📷 3.

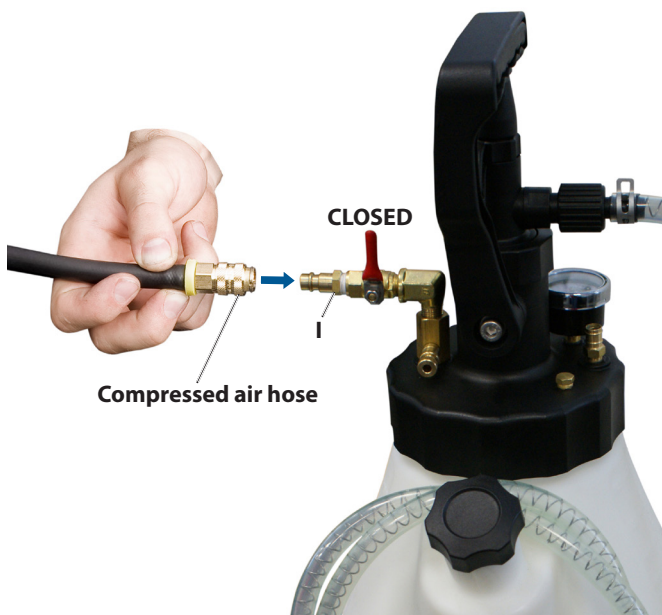
❶ 4: Select the appropriate adapter [B..] and mount it.



❷ 5: Adjust the dosing screw [J] for compressed air flow



❸ 6: Connect dry and oil-free compressed air.



4. Select a suitable adapter [B..] and insert it into the filling hose as shown in **❶ 4** [D]. Then secure it by tightening the "lock nut" on the filling hose [D].

3.3 Preparations for compressed air operation

This step is **only** necessary when using the oil pump in compressed air mode! You can skip this step when using the manual feed pump.

⚠ WARNING

The oil pump can burst as a consequence of **OVERLOAD** and oil can splash around in an uncontrolled way. This can lead to **SERIOUS INJURIES** of the eyes and feet!

► **Always** check the setting of the dosing screw [J] using the oil pump with compressed air!

1. Set the dosing screw [J] for the use with compressed air to **8 mm** as shown in **❷ 5**.

❶ The dosing screw [J] limits the amount of compressed air flowing into the container [C], this is **not** a pressure reducer! The excess compressed air is automatically released via the overpressure valve [H] when the **operating pressure** reaches approx. **1 bar**.

⚠ WARNING

When the oil pump is pressurised, it can burst and throw fragments and oil around. This can lead to **SERIOUS INJURIES** of the eyes and feet!

► **Never** use the oil pump with a tampered pressure relief valve!

► **Always** check the setting of the dosing screw before using the oil pump with compressed air!

► Close the "shut-off valve" on the compressed air connection [I] and on the filling hose [D], if they are still open!

► **Never** exceed the **max. overpressure of 2.5 bar (36 psi)**!

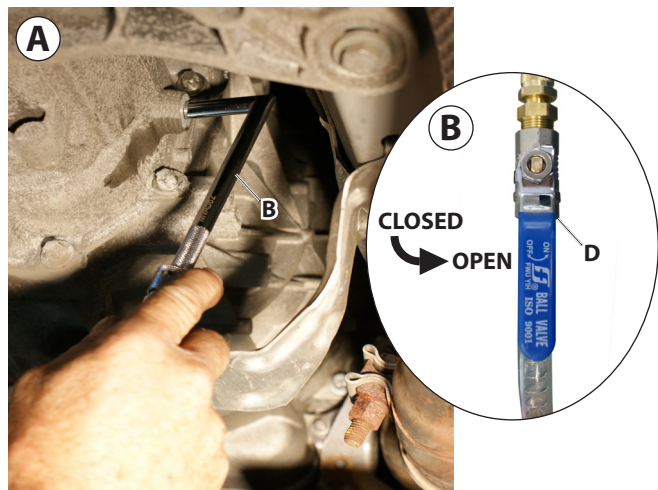
CAUTION

Risk of **DAMAGING** the oil pump and the vehicle.

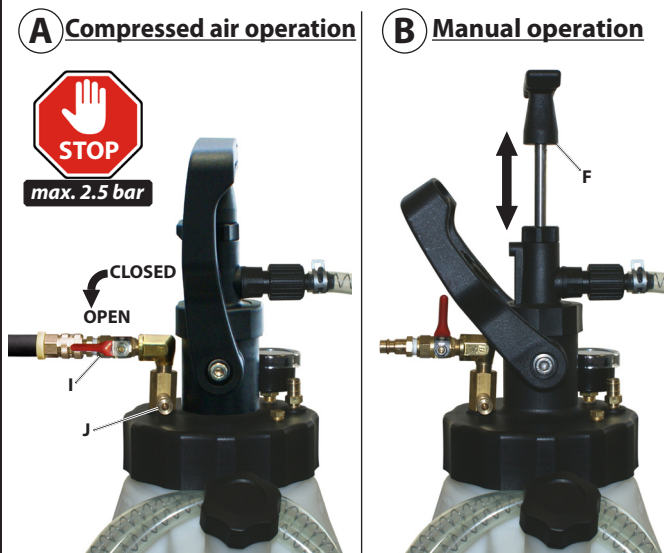
► **Only** use the oil pump in compressed air operation with dry and oil-free compressed air!

2. Couple the "compressed air hose" to the compressed air connection [I] as shown in **❸ 6**.

📷 7: Open the [B..] adapter to the filler neck and "shut-off valve" on filling hose [D].



📷 8: Operate the oil pump according to the operating mode.



📷 9: Fill oil according to manufacturer's specifications.



4. TYPICAL APPLICATION

This typical application describes the filling of a gearbox with the oil pump in compressed air mode. The process in manual operation with the manual feed pump [F], basically follows the same principle.

1. Attach the corresponding adapter [B..] to the filler neck on the vehicle side 📷 7A.

⚠ WARNING

When the oil pump is pressurised, it can burst and throw fragments and oil around. This can lead to **SERIOUS INJURIES** of the eyes and feet!

❗ **Never** use the oil pump with a tampered pressure relief valve!

❗ **Always** check the setting of the dosing screw before using the oil pump with compressed air!

❗ **Never** exceed the **max. overpressure of 2.5 bar (36 psi)**!

CAUTION

The vehicle and gearbox may be etc. be **DAMAGED**.

❗ **Always** observe the vehicle-specific application procedures in the repair guide of the vehicle manufacturer!

2. To fill the gearbox, open the "shut-off valve" on the filling hose [D] 📷 7B, and proceed as follows depending on the operating mode (**A** or **B**)....

A - For compressed air operation of the oil pump.

To fill the gearbox, slowly open the "shut-off valve" on the compressed air connection [I] as shown in 📷 8A. This pressurises the container [C] and conveys the oil through the filling hose [D].

- ① Depending on the flow rate of the oil, you can readjust the metering screw [J] a little, if necessary!

B - With manual operation of the oil pump.

To fill the gearbox, fold the carrying handle [E] to the side as shown in 📷 8B and operate the hand feed pump [F].

- ① The manual feed pump [F] feeds the oil per stroke, but no pressure is built up in the tank [C]!

⚠ CAUTION

When opening the tank [C], a sudden pressure reduction may throw oil around in an uncontrolled manner. This can cause eye **INJURIES**!

❗ Relieve any residual pressure in the tank [C].

3. After completing the work, close the "shut-off valve" on the compressed air connection [I] and on the filling hose [D]. Remove the compressed air hose on the compressed air connection [I] and fold the carrying handle [E] briefly to the side. This opens a pressure release valve and releases any residual pressure in the tank [C].

📷 10: KL-0124-433



📷 11: KL-0124-4358-10



📷 12: KL-0124-4359



5. CARE AND STORAGE

⚠️ ATTENTION

Improper care and storage can damage the oil pump. Therefore, **never** immerse the oil pump in solvents, or other cleaning liquids. After use, clean all parts **only** with a dry and clean cleaning cloth. Store the oil pump and the operating instructions at a dry and clean place.

6. REPAIR

⚠️ WARNING

For safety reasons, stop using the oil pump when you detect any damage on it! Professional inspection and repair may only be carried out by specially trained experts from **GEDORE Automotive GmbH**. Improper repair can result in **SEVERE INJURIES**.

7. ACCESSORIES/COMPLETIONS

KL-0124-433 - 12-litre-tank with lid

An additional tank (**12 litres**) for the oil pump - **KL-0124-43**, for easy change between and storage of several oil grades. 📷 10

KL-0124-4358-10 - Filling adapter, VW DSG gearbox

Suitable for Audi with 7-speed DSG gearbox (DL382 series) arranged longitudinally.

Required for filling DSG gearboxes, in combination with oil pump - **KL-0124-43**. 📷 11

Alternative tools: VAS 6617/12

KL-0124-4359 - Angled oil filler neck

Suitable for VW-Audi with transversely arranged 7-speed DSG gearbox (DQ200 series).

Required for filling DSG gearboxes, in combination with oil pump - **KL-0124-43**. 📷 12

Alternative tools: VAS 6262/4

8. ENVIRONMENTALLY COMPLIANT DISPOSAL

Dispose of the oil pump and its packaging material in an environmentally compatible way in accordance with the legal requirements. If necessary, ask your local authorities about environmentally friendly disposal options.