



EN

Original Instructions
Version 2
July 2026

100L **OIL SERVICE STATION**

30205 (30283, 30286)



1. Preface

These are the original product instructions. Read the instruction manual in full and retain for future reference.

Please visit drapertools.com/manuals for the latest version of this manual and the associated parts list, if applicable.

1.1 Product Reference

User Manual for: 100L Oil Service Station

Stock No: 30205 (30283, 30286)

Part No: OD100SS, (OD100SS/01, OD100SS/02)

1.2 Revisions

Version 1: January 2026

First release

Version 2: July 2026

Revised

As our manuals are continually updated, always ensure that the latest version is used.

1.3 Understanding the Safety Content of This Manual



WARNING! – Situations or actions that may result in personal injury or death.



CAUTION! – Situations or actions that may result in damage to the product or surroundings.

Important: – Information or instructions of particular importance.

1.4 Copyright © Notice

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3. Product Introduction

3.1 Intended Use

This mobile oil service station is designed for draining waste engine and gear oil by either gravity or suction on a range of vehicles. The 61-piece oil filter tool set included is suitable for removing all types of oil filters and the three drawers keep everything close to hand. The clear measuring tank allows the extracted oil to be inspected and measured before draining into the waste tank. An air supply is required.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

Read this manual in full before attempting to assemble, operate or maintain the product, and retain it for later use.

3.2 Specification

Stock No.:	30205 (consists of 30283 & 30286)
Part No.:	OD100SS (OD100SS/01, OD100SS/02)
Net Weight (total unit empty)	85kg
Dimensions (L x W x H)	831 x 483 x 930mm
Air working Pressure	7 – 8 Bars
Air Coupler required	1/4" (10mm) BSP UK type
Pressure Gauge	0.18 – 0.2Mpa
Recommended Working Oil Temperature	40 - 60°C
30283 (Service station with drawers)	
Oil Tank Capacity	100L
Oil Filter Cup & Drain Key Kit	61 pieces
30286 (Viewing Chamber and Oil Drain Pan)	
Viewing Chamber Capacity	10L
Drainage Pan Capacity	20L
Drainage Pan Adjustment Height	
Minimum	1430mm
Maximum	1560mm
Drainage Pan Diameter	415mm
Oil Suction Probes	5
Diameter X Length	1x 5 x 850mm (1.9L/min)
	1x6 x 850mm (1.9L/min)
	1x6 x1030mm (3.7L/min)
	1x8 x 850mm (6.5L/min)
	1x8 x 1030mm (6.5L/Min)

4. Health and Safety Information

Important: Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user or the product.

4.1 General Health and Safety Precautions



WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this product. Failure to follow all instructions listed below may result in damage or injury to the user.

- Ensure all Health and Safety, Local Authority and general workshop regulations are followed when using this equipment.
- Familiarise yourself with the process and all limitations of the oil service station as well as any potential hazards.



WARNING! Ensure that the oil service station is disconnected from the air supply before changing accessories, servicing or undertaking any maintenance.

- **DO NOT** modify any parts and only use accessories and spare parts supplied by Draper Tools.
- Keep the work area clean and tidy and ensure that there is adequate lighting.
- For efficient and safe performance keep the oil service station clean.
- Ensure the floor is not slippery and wear non-slip shoes in case of oil spillages.
- **DO NOT** extract caustic or flammable liquids.
- **ALWAYS** apply the castor brakes when the service station is being operated.



WARNING! When extracting high temperature oils, ensure that hands, face and body are protected using suitable personal protective equipment (PPE).



CAUTION! NEVER use the oil service station near open flames or other heat sources.

- NEVER fill the tank above the maximum level indicator on the gauge.
- Keep children and unauthorised personnel away from the work area.
- Only trained and competent personnel may operate this equipment.



WARNING! Ensure the correct air pressure is maintained and it does not exceed the maximum specified.

- Keep the air hose away from heat, oil or sharp edges. Check the air hose for signs of wear and tear before each use. Ensure that all connections are secure.
- Only use the oil service station for its intended purpose.
- **DO NOT** operate if any parts are damaged or missing as this may cause failure and/or personal injury.
- **DO NOT** stand on the oil service station trolley.
- **DO NOT** adjust or tamper with the safety valve.
- **DO NOT** move the service station by the hose or pull the hose from its air supply, always use the handle.
- **DO NOT** place attachments close to your face (especially eyes or ears). **DO NOT** point or direct the hose at person(s) or animals.
- **DO NOT** operate if you are tired or under the influence of alcohol, drugs or intoxicating medicine.
- **DO NOT** leave the oil service station unattended when operating.
- **ALWAYS** use on a flat level surface capable of supporting the product and its maximum load.
- When not in use, disconnect from the air supply, vent the tank and store in a safe, dry and childproof place.
- Dispose of any waste oil in accordance with local authority regulations.
- **Important: ALWAYS** ensure the vehicle engine is switched off before draining oil or irreparable damage will occur to the engine.



WARNING! DO NOT pollute the environment through uncontrolled discharge of any waste oil.

4.2 Residual Risk

The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

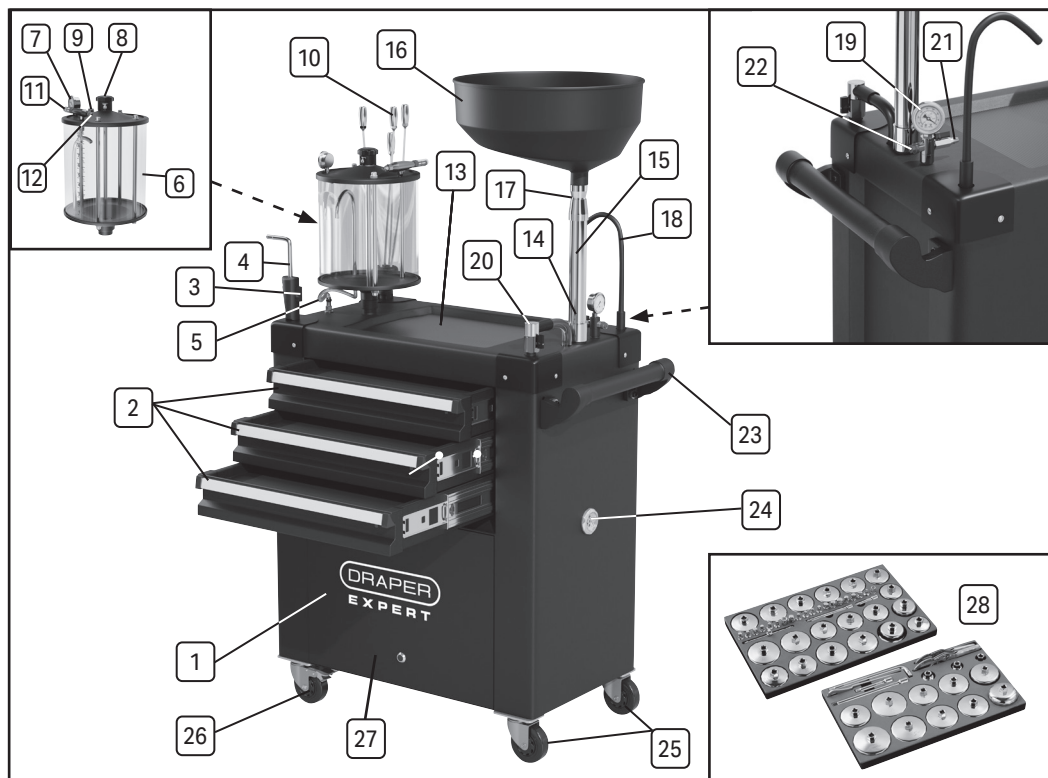
5. Identification and Unpacking

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5.1 Product Overview

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment.

If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.



1 Waste oil collection tank

2 3 x Tool drawers

3 Oil suction hose
ON/OFF valve

4 Oil suction hose

5 Viewing chamber clear hose

6 Oil measuring/
viewing chamber

7 Vacuum pressure gauge

8 Chamber pressure valve

9 Safety valve

10 5 x Oil suction probes

11 Air filter

12 Air Inlet

13 Tool tray

14 Oil drainage tube
non return valve

15 Oil drainage tube

16 Oil drainage pan

17 Oil drainage height adjuster

18 Oil discharge hose

19 Air pressure gauge

20 Waste oil discharge valve

21 Waste tank air inlet valve

22 Safety valve

23 Handle

24 Oil level gauge

25 2 x Castor with brakes

26 2 x Castors

27 Inspection door

28 61 Piece Oil filter cup wrench
and drain key kit

6. Assembling Instructions

Important: Before preparing or adjusting this product, read and understand all the safety instructions listed in this manual.

6.1 Fitting the Handle

- Use the screws already attached to the side of the station to fit the handle **23** securely.

6.2 Fitting the Viewing Chamber (Fig.1)

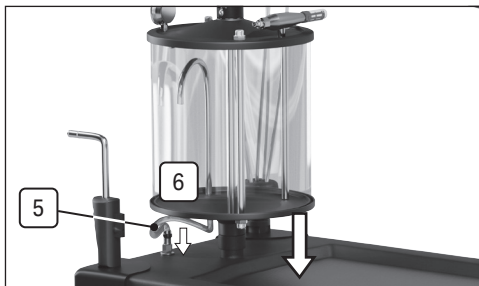


Fig.1

- Align the viewing chamber **6** with the connector on top of the service station and turn clockwise to lock in place.
- Then connect the clear hose **5** from the bottom of the chamber to the top of the service station and tighten to secure in place.

6.3 Fitting the Adjustable Drainage Tube & Pan (Fig.2)

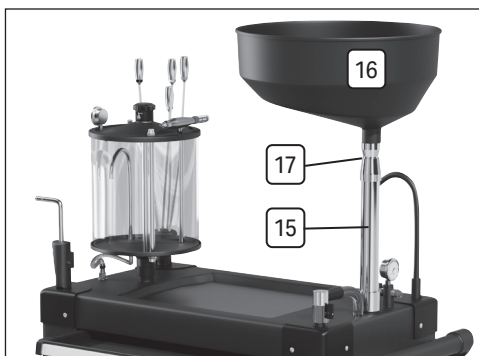


Fig.2

1. Attach the drainage pan adjustable metal tube **15** onto the service station and turn clockwise until it is fully secure and locked in place.
- Use the spanner supplied, attached to the tube **15** to fit the oil drainage tube securely.
2. Fit the oil drain pan **16** onto the tube and turn clockwise until securely fitted.
3. Turn the height adjuster **17** clockwise to lock in position.
- Turn the height adjuster anti-clockwise to release the tube to adjust the pan to the required height.

6.4 Fitting the Pressure Gauge (Fig.3)

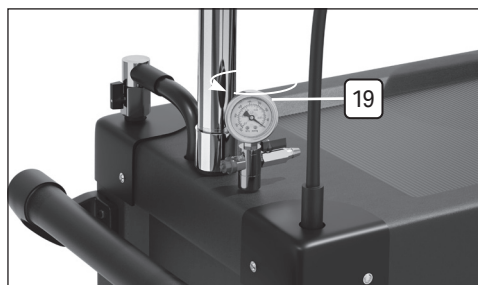


Fig.3

- Wrap some thread seal tape around the thread of the pressure gauge **19**. Then fit to the top of the oil station and turn clockwise to secure, tighten using a suitable sized spanner.

Important: Before operating this product, read and understand all the safety instructions listed in this manual.

- **ALWAYS** ensure the vehicle engine is switched off before draining oil or irreparable damage will occur to the engine.
- The viewing chamber must be fitted before the oil drainer can be used (**refer to section 6.2**).

7.1 Collecting Waste Oil by Gravity (Fig.4)

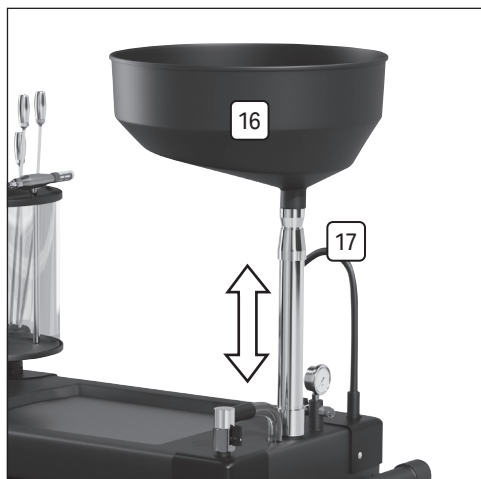


Fig.4

1. Raise the vehicle with a vehicle lift.
2. Push the Oil Service Station underneath the vehicle ensuring that the oil pan (16) is directly beneath the oil drainage plug. Adjust the height of the oil pan (16) as required using the height adjuster (17).
3. Then unscrew the vehicle's oil drainage plug to discharge the oil.

WARNING! Ensure that the oil pan is positioned correctly before opening the vehicle's oil drainage plug.

- **DO NOT** smoke or have any source of ignition near the oil service station.
- Keep an eye on the oil level, the gauge (24) on the side of the waste oil collection tank (1) during operation. **DO NOT** fill above the maximum level.

7.2 Collection Waste by Vacuum Extraction (Fig.5)

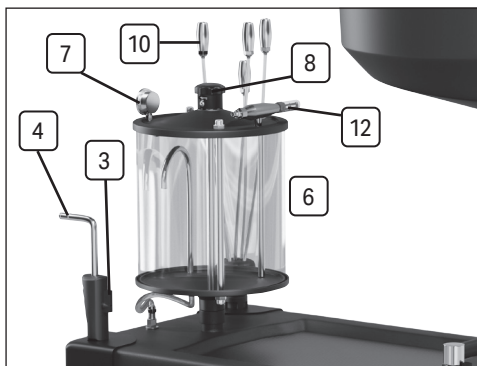


Fig.5

1. Close the chamber pressure valve (8) by pressing down and rotating to the centre slot position. Then release to allow the valve to spring up to the closed position.
2. Ensure the suction hose ON/OFF valve (3) is in the **OFF** position.
3. Connect a pressurised air supply to the suction air inlet (12) and open the air supply valve
4. Check the pressure gauge (7) and that the pressure is between 0.06 - 0.08Mpa. Then close the air inlet valve and shut off the compressed air. The oil drainer is depressurised and ready to use.
5. With the vehicle's engine still warm, remove the vehicle's oil dipstick. Then select the most suitable suction probe (10) and insert into the engine as far as possible.

NOTE: DO NOT extract oil if the temperature is above 80°C.

6. Connect the suction hose (4) to the selected probe.
7. Open the suction hose ON/OFF valve (3), to extract the oil.
- **The Measuring Chamber (6)** allows inspection and measurement of the oil as it is extracted.
8. Once the oil is completely drained from the engine, close the valve (3) on the suction hose and open the chamber valve (8) to allow the drainage oil to flow into the waste collection tank (1).

7. Operating Instructions

7.3 Draining the Waste Oil Tank (Fig.6 & Fig.7)

The clear oil level gauge (24) on the side of the tank will show the level of waste oil collected. Empty when at the maximum level.



Fig.6

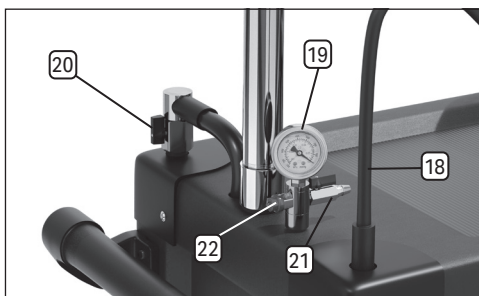


Fig.7

1. Close the chamber pressure valve (8) by pressing down and rotating to the centre slot position. Then release to allow the valve to spring up to the closed position.
2. Close the waste oil drainage valve (20) and close the waste tank air inlet **ON/OFF** valve (21).
3. Connect an air supply to the air inlet and fully open the air valve (21). Check the air pressure gauge (19) and the pressure should be between 0.18 - 0.2Mpa. Then close the air inlet valve and shut off the compressed air.

NOTE: DO NOT pressurise the tank continuously: Once there is sufficient pressure in the tank, the safety valve (22) will operate as the pressure increases. The non-return valve (14) will automatically pop up and close.

4. Put the end of the tank drainage hose (18) into a suitable waste oil container.
5. Then open the tank drainage hose valve (20).

After all the oil has been transferred from the tank to the waste container, close the hose drainage valve (20). Then open the air valve (21) and disconnect the air supply.

 **WARNING! Clean up any spillages immediately and wash your hands afterwards.**

8. Maintenance and Troubleshooting

8.1 General Maintenance and Storage

- When not in use, disconnect from the air supply, vent the tank and store in a safe, dry and child proof place.
- Check the suction hoses for signs of wear and tear before each use. Ensure that all connections are secure.
- The air filter (11) is a consumable part and should be replaced when it becomes dirty.
- Open the inspection door (27) to check the condition of the oil storage tank regularly for leaks and damage.
- To prevent corrosion **DO NOT** store waste oil in the tank for long periods.
- Wipe the surface areas of the oil drainer regularly to keep it clean.
- When not in use store in a cool, dark place and out of direct sunlight.

9. Spares, Returns and Disposal

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For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

Important: ALWAYS drain and thoroughly clean the pump of any water and debris before returning it to Draper Tools or its authorised agent. Draper Tools and its agents will not service any product that has been used to pump sewage, slurry or other such materials.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

10. Warranty

12 months from date of purchase – Visit drapertools.com/warranty for more information. However, if the tools are hired out, the warranty period is 90 days from the date of purchase.

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