

ITEM NO: EE-290DC

USER MANUAL



**FOLLOW THE INSTRUCTIONS
CAREFULLY TO GRANT THE
MACHINE A CORRECT
FUNCTION AND LONG
SERVICE LIFE.**

**KEEP THE MANUAL NEAR THE
MACHINE ALL TIME AND MAKE
SURE ALL USERS HAVE READ
THIS.**

EAE Automotive Equipment Company Limited

The manufacturer keeps the rights to improve the
contents in this manual.

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INTRODUCTION

Thank you for purchasing EE-290DC Oil Evacuation Unit.

The Oil evacuation Unit is suitable for the collection and removal of waste oils only.

IMPORTANT INFORMATION

The information contained will help ensure many years of dependable performance and trouble free operation.

Please take a few moments to read through this instruction manual before operating your new Oil Evacuation unit.



READ THIS INFORMATION CAREFULLY BEFORE USE

Please retain this instruction manual for future reference.

Your safety is important to us. Please read and follow all instructions listed below. Some of these instructions alert you to the potential for personal injury. "Cautions" throughout the manual advice of potential practices or procedures which may cause damage to your equipment.

Make sure all operators have access to adequate instructions about safe operating and maintenance procedures.

Do not exceed the maximum oil temperature of 120°C.



WARNING

Before attempting any repairs or maintenance of this product, disconnect the air supply to release the air pressure.

Do not extract caustic or flammable products.

Do not modify any component of this equipment

ASSEMBLY PROCEDURE

1. Connect the wheels to the axle, tighten the screws. Insert the castors into the holes provided and tighten securely.
2. Insert the handle to the handle location tubes and tighten the screws securely.
3. Insert the gravity drain tube into the top hole on the container and tighten.
4. Attach the oil collecting pan to the top of the tube and tighten securely.
5. Insert the plastic strainer into the oil pan and fit the oil pan extender.
6. Attach the vacuum generator to the remaining hole on top of the container

and tighten securely.

7. Insert the suction probe tube holder with cover into the holder bracket on the side of the container, then insert probes into holder.

8. Attach the tool holder onto the brackets located on the top of the container

OPERATION

Check the safety relief valve on the holding tank weekly for correct operation. The Safety valve should open at 1.5bar (21psi)

GRAVITY DRAIN USE

1. Open the ball valve located under the gravity drain.
2. Close the discharge ball valve located at the bottom of the holding tank.
3. Position the gravity bowl under the sump plug. Remove sump plug and drain the waste oil into the funnel.

OIL REMOVAL USING SUCTION PROBES

NOTE: The oil should always be removed if the oil temperature reaches 120°C.

1. With the engine still warm, remove the dipstick from the motor and insert the largest possible probe as far down as it will go.
2. Connect the suction hose to the probe.
3. Close the ball valve located under the gravity bowl
4. Close the discharge ball valve located at the bottom of the holding tank.
5. Connect the air supply to the vacuum generator.
6. Open the ball valve on the suction hose, keeping the probe dipped in the oil.

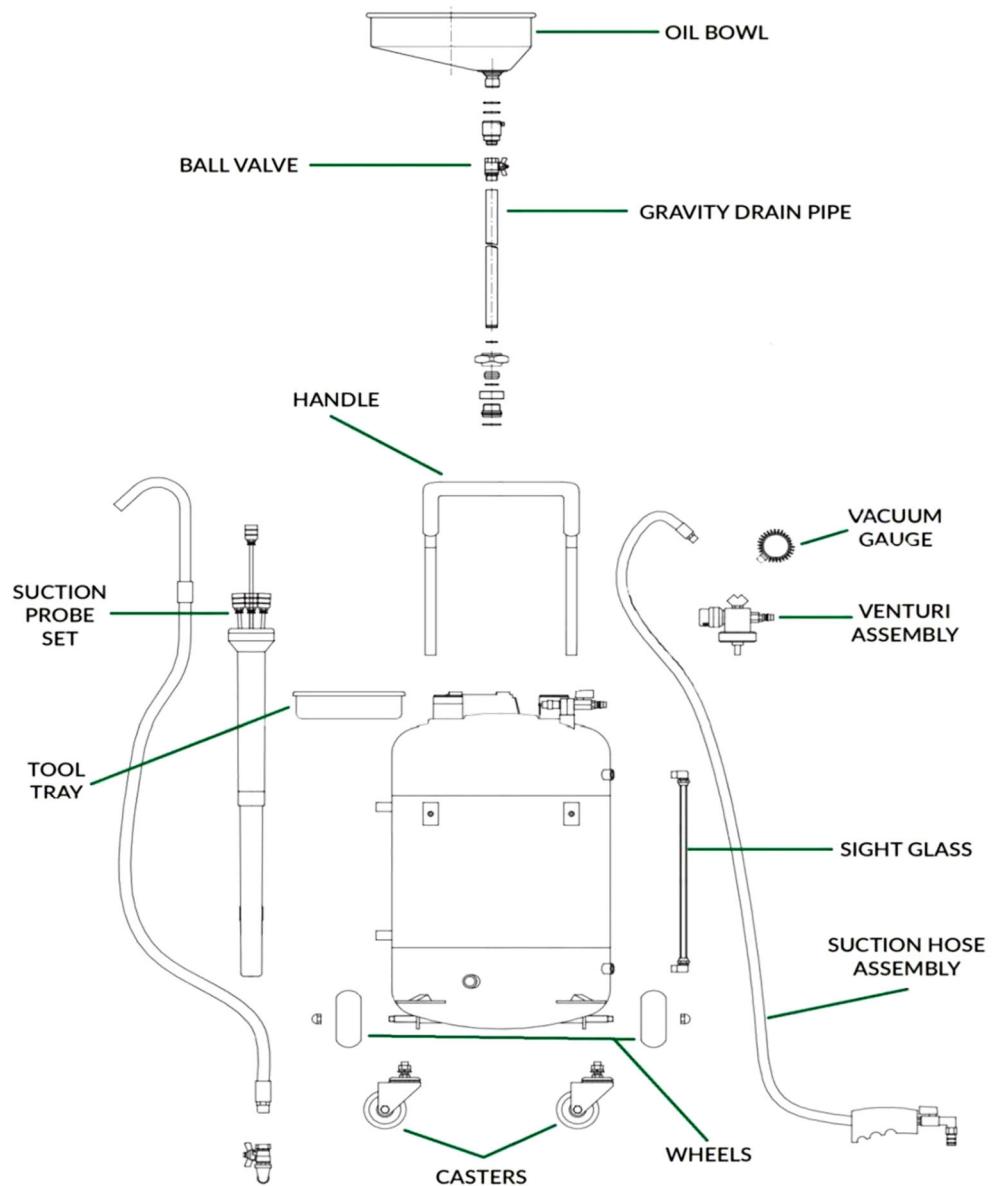
The oil will be sucked from the sump into the oil container

EMPTY HOLDING TANK

The pressure relief valve is designed to open if the pressure in the holding tank exceeds 21psi. If the relief valve does not open, the valve is damaged and should be replaced.

1. Remove the air supply from the air inlet.
2. Close the ball valve located just below the gravity drain bowl.

3. Ensure that the ball valve on the bottom of the holding tank is closed.
4. Place the drain hose into a bulk waste oil tank.
5. Connect air to the air inlet on the holding tank to a pressure of 14psi (1bar) if the air Pressure exceeds 21psi, the relief valve will open and will not close until a pressure of 21 psi or lower is reached.
6. Open the ball valve located on the bottom of the holding tank.
7. Note: The air will now push the waste oil out of the holding tank into the bulk waste oil tank. If you run out of air pressure repeat step 5.
8. After the oil transfer has been completed, re- lease the air pressure in the holding tank and shut the holding tank ball valve.



TROUBLESHOOTING

TROUBLE	CAUSE	REMEDY
1) No oil suction	a) Damaged Venturi b) Damaged Suction Probe c) Air Leak	a) Replace Venturi b) Replace damaged Suction Probe O'ring c) Find and repair air leak
2) Slow draining	a) Insufficient vacuum b) Air Leak	a) Do not use until correct vacuum pressure is achieved b) Find and repair air leak

SPECIFICATIONS

Tank Capacity	70L
Max Drainer Capacity	70L
Drainer Oil Speed Capacity	1.8-3 L/min
Oil Draining Pressure	1 bar
Max height (without extender bowl)	1.61m
Min height (without extender bowl)	1.07m
Working pressure	6-8bar (87 -116 psi)