

Pneumatic Fuel Suction Device

GENERAL INFORMATION

The device was developed for the purpose of draining fuel tanks and is suitable for petrol and diesel fuel types.

The draining process takes place via the tank filler necks, using the suction pipes included in the delivery contents.



ATTENTION BEFORE OPERATING

Please take time to read the following safety information before working.

- Be sure keep car's levelling.
- We recommend that the fuel extractor is used outdoors or in a well ventilated area, and well away from pits or other openings in the ground where vapour can collect.
- Disconnect the vehicle's battery before draining fuel.
- Keep a foam or dry powder fire extinguisher nearby.
- Ensure containers cannot easily be knocked over during filling.
- Ensure the drainer tank is large enough to hold the contents of the fuel tank you are draining.
- Attach earth lead to the fuel container using the crocodile clip supplied.
- Always use the earth bonding straps by connecting one to the vehicle chassis, away from any potential fuel vapour, and the other to a suitable earthing point.
- Remove all combustible materials from the work area.
- Use only containers rated for the fuel being drained. Ensure that the container mouth is as narrow as possible while still allowing insertion of the drain hose.
- Mark fuel containers with hazard labels to show their contents.
- Keep any fuel containers in a well ventilated, lockable store, preferably outside the working area.
- Soak up any spills immediately using absorbent granules or similar material.
- Keep children and unauthorised persons away from the working area, especially when the drainer is in operation.
- Maintain the drainer in top condition. Keep it clean for best and safest performance.
- Follow the same precautions when transferring fuel from the drainer back into the vehicle or into any other container.

IMPORTANT NOTE

Please ensure always that the device is sufficiently earthed. Otherwise a spark resulting from static charge may cause a fire or an explosion, which could lead to material damage as well as serious injury.



TROUBLE SHOOTING

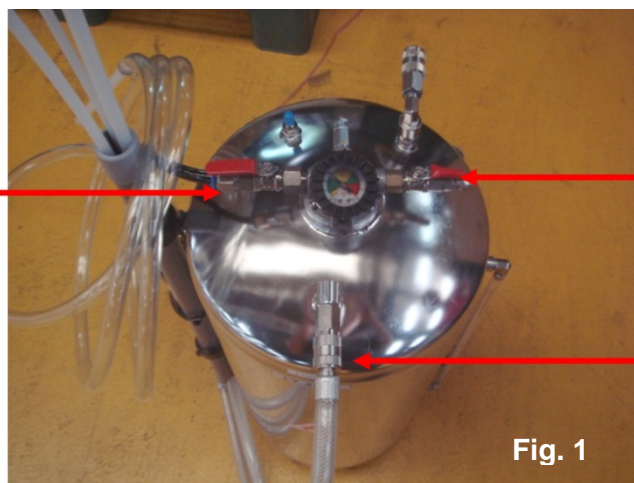
If the suction speed is low, please check

1. Check any bending in the hose connecting to air outlet
2. Check the level of reserve tank (the higher the level is, the lower the suction force will be)

OPERATING INSTRUCTION

1. Connect the **earthline** between the unit and the vehicle. Then connect between the unit and the ground.
2. Insert suction tube into petrol tank of the vehicle and connect it to the suction handle.
3. Connect the unit to the air compressor. Make sure the function switch connect to the air outlet is in open position (see fig 1 below). Connect main hose in suction side. Open air switch to start operation. Alternatively user may keep vacuum force in the tank without connecting to air line for extraction task.

Function switch
in open position



Open the
air valve

Main hose
connect in
suction side

Fig. 1

Note: The fume exhaust from the venturi will be collected at the side of the recovery bottle. User should take the recovery probe from the bottle and then insert into the petrol/diesel filling neck of the vehicle to recycle remaining exhaust fume.

Insert the probe to fuel
tank to recycle
remaining exhaust
fume.

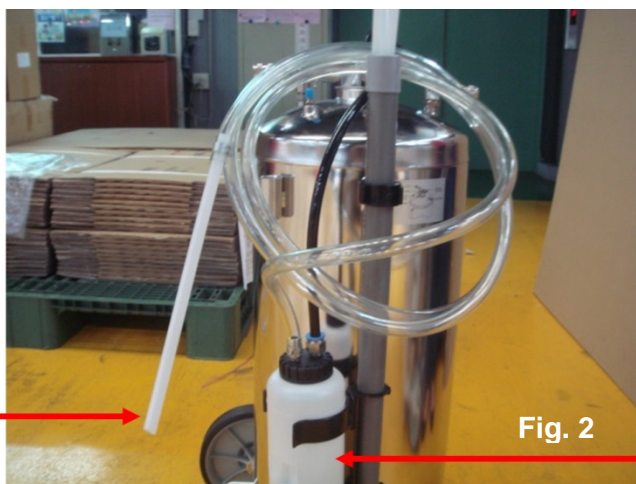


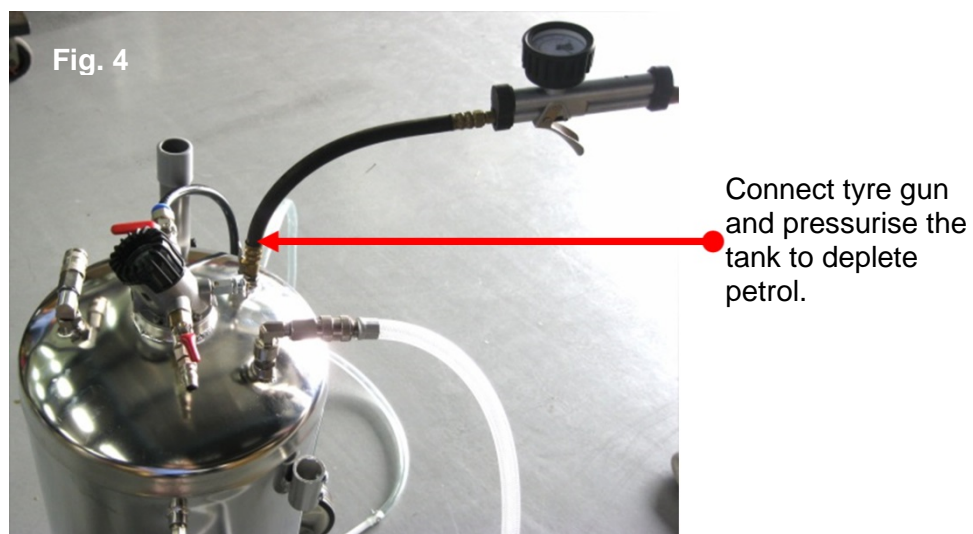
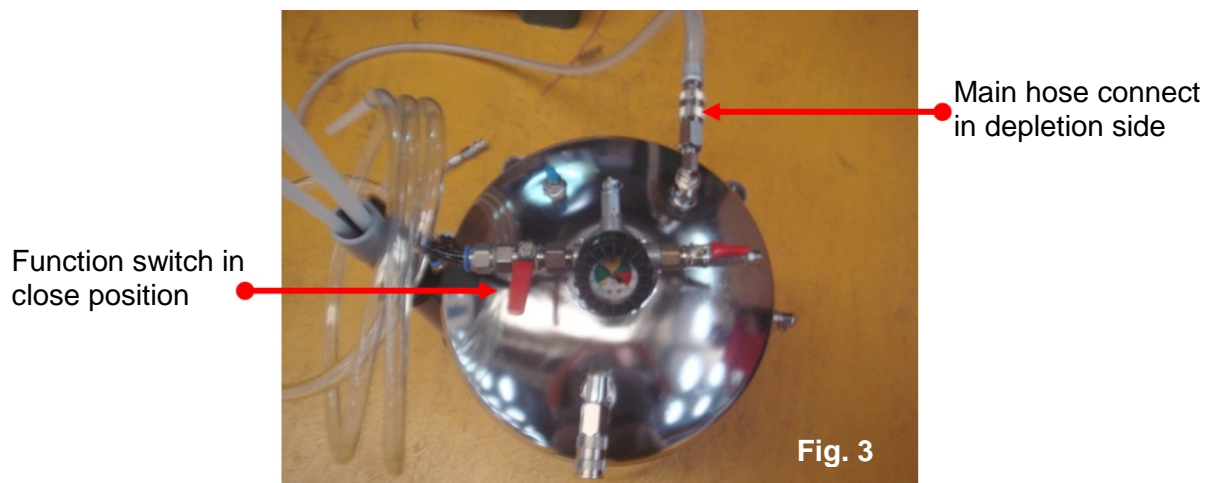
Fig. 2

Recovery bottle
to collect
exhaust fume

4. During the operation, the vacuum gauge should keep around 500 mm Hg. When vacuum degree starts dropping, the operation is completed (air has been sucked into the machine). Close air switch, and return handle to the retaining bracket.

WASTE PETROL DEPLETION

1. Secure the depletion hose (same as suction hose) to the bulk waste petrol tank and open the valve.
2. Close pressure release valve.
3. Make sure the function switch connect to the air outlet is in close position (see fig 3 below).
4. Connect main hose in depletion side.
5. Connect tyre gun to the tank and start pressurising the tank (see fig 4 below).
6. The waste petrol will be drained into the waste petrol tank immediately.



7. After operation, close air switch and return main hose to the retaining bracket.



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Pneumatic Fuel Suction Device | 40 I

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Extractor neumático de combustible | 40 I

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est en conformité avec les réglementations ci-dessous:
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Norme appliquée:

Normas aplicadas:

EN ISO 12100:2010

EN ISO 11148-10:2011

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ppa.

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