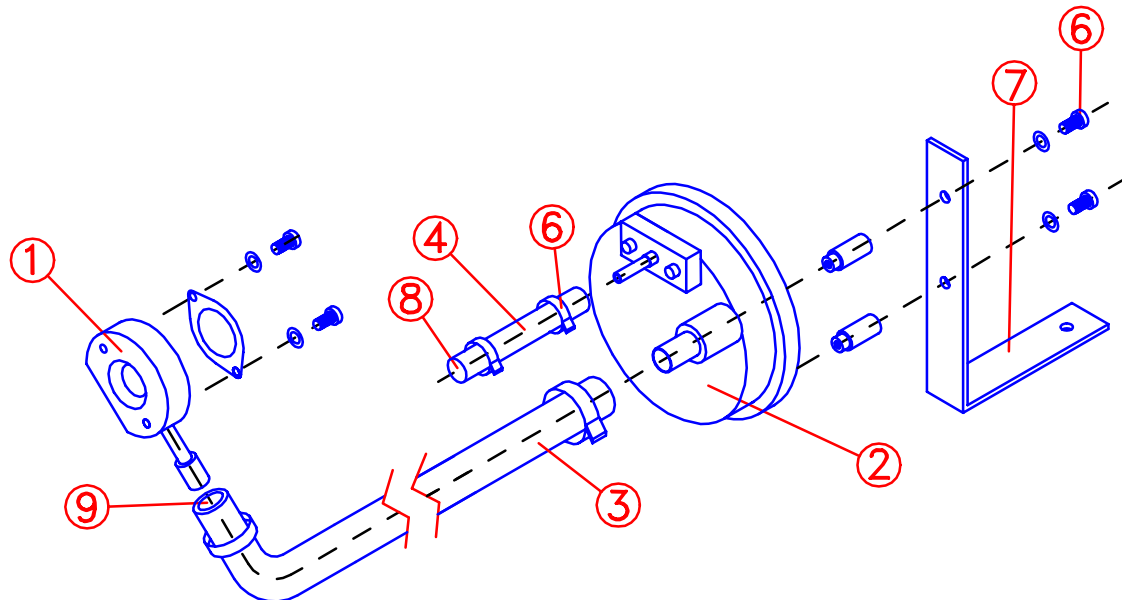


Technical Description

PROPANE KIT

Assembly



The kit consists of :

1. Gas distributor (a round aluminium part with an inlet tube and a central hole surrounded by smaller holes).
2. Lung (large round part with input button, input from gas tank or bottle and output with adjusting screw).
3. Rubber tube with metal coating.
4. Standard rubber tube.
5. Automatic input electrovalve (optional).
6. Screws and washers.
7. Bracket.
8. Input connector.
9. Gas distributor input connector.

Part **no. 1** is placed between the carburator and the filter, so that the holes coincide with those on the carburator. On the filter cover the holes which coincide with the carburator bolts will have to be enlarged if necessary (ROBIN engines), or the small metal tubes will have to be removed (HONDA engines) and the internally threaded screws (HONDA engines) or normal screws (LOMBARDINI engines) installed.

Lung **no. 2** is held onto the frame using bracket **no. 7** and is joined to the distributor **no. 1** via tube **no. 3** which must be connected to the output hole equipped with a gas adjusting screw.

The electrovalve must be connected to the lung around the input screw. One pole must be grounded to the engine and the other to the live screw on the starter motor, after the start-up relay so that it affects engine start-up only.

The automatic choke must be eliminated and the choke butterfly fixed to the carburator to stop it closing with vibration.

Once the generator set has been started up on gas, adjust gas flow using screw **no.2** on the lung until it stabilises. Do not touch this screw if the generator set has been supplied with the gas kit already fitted.

To ensure optimum results:

- ☐ Before starting the engine on gas, check that there is no petrol left in the carburator.
- ☐ Do not touch the engine accelerator lever and check that alternator output frequency is 51.5 Hz.
- ☐ We advise that the battery be changed for a more powerful one.
- ☐ Do not use the choke to start the engine.

GAS GENERATOR SETS

INSTRUCTIONS FOR LPG

1. Check oil level using dipstick or filler cap.
2. Close petrol tap. These engines can run either on LPG or on petrol, but take care never to mix these fuels.
 - Generator sets with special starting mechanisms are equipped with a switch on the control panel to select the fuel type. Ensure setting is correct.
3. Connect gas supply to input A on JH adjuster. Service pressure must be 0.35 kg/cm² (domestic reducer service pressure).
4. **START-UP.** To start up press button B to let fuel into the cylinder, start the engine, then release button B. If starting is difficult, start engine on petrol, close petrol tap, and when engine starts to falter due to lack of fuel, open gas input.
5. **RUNNING.** To adjust gas flow, loosen nut blocking screw on JH adjuster, and turn screw in direction required to adjust gas flow.
THIS SCREW IS ADJUSTED AT THE FACTORY: DO NOT TOUCH.
6. **STOPPING.** Turn switch to stop position and turn off gas supply into adjuster.