

Model L140 - Installation and Maintenance

The De-Bug Microbial Decontamination Unit should be fitted in the fuel line, ideally after any filter/water separator but before the main engine filter.

- When selecting a suitable location, try to ensure reasonable accessibility, and also on vehicles and equipment used in the open, that the unit is shielded from air currents to minimize possible wax formation in the fuel during cold weather.
- Obtain two 8mm bolts of suitable length, complete with nuts and washers. Mark out the mounting bolt holes at the selected point, drill two 8mm clearance holes, and then mount the unit, ensuring that the nuts are firmly tightened.
- The original fuel line must be cut and realigned to meet the inlet and outlet of the De-Bug unit (also ensure that the repositioned pipe contains no air traps in the new layout). Obtain the appropriate ¼ inch NPT threaded unions, fit to the ends of the fuel lines and then firmly tighten the unions into the De-Bug.
- After checking that all the bolts and unions are tight, bleed the fuel system to remove all traces of air.
- The De-Bug Microbial Decontamination Unit is now ready for years of trouble free service.

Special Notes

- The L140 De-Bug unit should not be dismantled as there are no parts to replace or maintain inside. If you have removed the bowl be careful not to cross thread when re-assembling.
- In cases of very severe infestation, it may be necessary, as a preliminary measure, to clean the tank and fuel lines. This should be a once only requirement.

Guarantee

- Provided the unit is fitted in the approved manner and correctly used, the L140 is guaranteed to significantly reduce microbial contamination. The unit is guaranteed against manufacturing defects for twelve months.

Technical Specifications



Application:	For diesel fuel, marine diesel, light oil and gas oil.
Engine ratings:	Up to 100 horsepower.
Flow rate:	Recommended up to 140 litres per hour.
Weight:	0.31 Kilograms.
Size:	60mm deep by 105mm high by 84mm wide.
Port Size:	¼ inch National Pipe Thread
Operating Pressure:	Up to 40psi
Materials:	LM6 marine grade, anti-corrosive aluminium alloy.

The L140 De-Bug unit requires little if any maintenance and should not be dismantled. If required, and only under extreme circumstances, the bowl may be removed from the top using the nut moulded into the base of the bowl. Apply even pressure using a spanner and additional assistance with your hand around the bowl.