

Model L5000 -24 SAE - Installation and Maintenance

Installation

- Fit the L5000 De-Bug unit to the suction side of a diesel engine's fuel system, ideally after any filter/water separator and before the main engine filter.
- For maintenance purposes a clearance of approximately 350mm is required to remove the bowl.
- Four 16mm mounting holes in the back flange. Brass fittings are recommended for the ports.
- Flow direction - fuel flows in via the central port and out via the rear port.

Guarantee

Provided the unit is properly fitted, and used, the L5000 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:	1000 to 8000 horsepower.
Flow rate:	Recommended up to 5000 litres per hour.
Weight:	21.5 Kilograms.
Size:	386mm diameter by 333mm high by 375mm wide.
Port Size:	-24 SAE (1½") Straight Thread O-Ring Boss (ORB)
Operating Pressure:	Up to 50psi
Materials:	LM24 marine grade, anti-corrosive aluminium alloy.

Tri-Mag Assembly Sequence



1. PVC Washer - onto centre stud
2. 1st magnet - either pole facing down
3. Spacer - legs toward 1st magnet
4. Middle magnet
5. Spacer - legs away from middle magnet
6. 3rd magnet
7. PVC washer on holding ferrule
8. Smear anti-seize grease on centre stud threads
9. Tighten centre stud to 27Nm/20lbs
10. Coat the rubber bowl seal with grease
11. Tighten main assembly bolts to 27Nm/ 20lbs

Servicing

Normal Engine Service Periods

Drain Sludge and water using the galvanized ½" drain plug in the bowl base.

Annual

1. Check mounting bolts are tight and the unit is not hanging on the inlet and /outlet pipes.
2. Remove bowl and clean. If the tank is shedding metal, remove Tri-Mag stacks and clean magnets.

Important

When Tri-Mag stacks are re-assembled, the 3 magnets must be arranged so they pull together, then follow the assembly sequence 1 to 11.