



**PURPOSE:**

The purpose of this document is to provide our intake separator grille installation instructions to fit your MAFI product & insure its effectiveness. This installation procedure is for the screw in installation of our grilles using either M5 or M6 bolts.

**RESPONSIBILITY:**

It is the owner / and or ship repairer's responsibility to correctly install the MAFI products. Any alterations or deviations should be carefully considered.

MAFI would appreciate all deviations to be referenced, made aware & noted for future reference.

**TOOLS, GAUGES & FIXTURES:**

The installation kit provided contains the following items:

- Coloured Silicone Sealant
- Glue-in kit
- M6 drill tap kit
- Stainless steel countersunk screws

**VESSEL PREPARATION:**

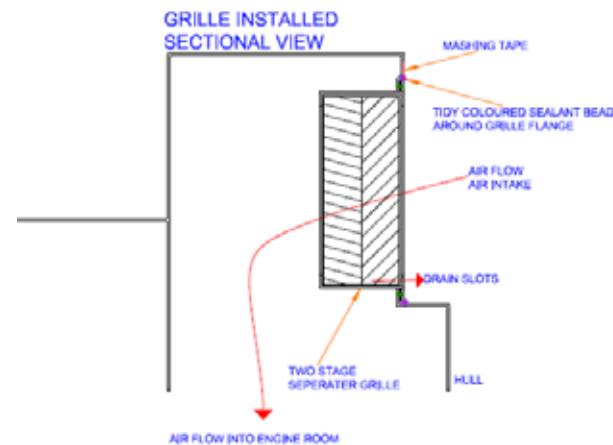
Confirm orientation and dry fit the air damper.

NB: Pay special attention to the coverage area along with checking clearances and that all surfaces are flat, allowing full contact. It is critical that there is a minimum contact coverage of 90%.

## Air Intake Grilles (M6 Fasteners) Installation Doc



1. Pencil mark the fixing holes while grille is in required position. Take care to ensure the coating in the pre-drilled fixing holes is not damaged.
2. Mask tape around the grille perimeter +2mm all around neatly.
3. Drill and tap referenced fixing holes.
4. Scotch-brite key the hull fixing surface and clean all debris with isopropyl solution or similar.
5. Use the provided sealant between the hull surface and the mounting flange surface generously.
6. Place the grille into position.
7. Install the stainless steel countersunk screws, tensioning fasteners evenly around perimeter. NB: Do not tighten excessively.
8. After tightening the fixings, a small bead of coloured sealant will form all round. Clean excess sealant off with soapy water (dishwashing detergent mixed with water) and bog application card (supplied in kit.)
9. Remove the masking tape and ensure all excess sealant is cleaned up neatly.



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