



PURPOSE:

The purpose of this document is to provide our Air Damper Activation Installation instructions to fit your MAFI product & insure its effectiveness.

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.

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%.

TOOLS, GUAGES & FIXTURES:

The installation kit provided contains the following items:

- 1 x Activation Handle
- 25 x Stainless steel tech screw's
- 4 x radius 90 degree brackets
- 2 x straight bracket
- 1 x D-shackle crimped onto 6 meters of the Dyneema pull cord
- 1 x Keeper
- 2 x Activation Handle Crimp plugs
- 1 x Red Instruction Plate

- 1 x Engine Room Temperature Digital Sensor
- 1 x 3M VHB Surface Wipe
- 1 x Pen

The installation kit requires the following:

- Crimping Tool
- Drill



AIR DAMPER ACTIVATION PROCEDURE:

- Take the Dyneema Pull Cord with D-Shackle attached with stainless steel crimp and attach the D-Shackle to the control bar on the SS Air Damper.



- Run the Dyneema cord from the Air Damper to the location for the air damper manual activation handle, using the 90 degree brackets at each bend, and the straight brackets over each long straight to ensure no slack in the cord.





- If the distance between brackets exceeds a meter in length use the p clamps to ensure no additional slack



- Ensure a bracket is used at each end of the cable (one at the damper end, the other at the handle end)
- Find a suitable place for the activation handle outside of the engine room. i.e. Near fuel cutoff switch.
- Install keeper with supplied stainless steel tech screw's.
- Pull cable taut, whilst allowing sufficient clearance for travel at activation and cut to length.
- Attach to activation handle using activation crimp plug provided (Insert existing bracket and handle picture in current procedure.
- House activation handle in keeper until manual activation is required

NB: All export projects are quoted in USD