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# Modification to Purolator PRO 805 filter

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## Classification

## Mandatory

## Compliance

All aircraft fitted with the Purolator PRO 805 fuel filter (included in the Rotax 912 engine ancillary kit supplied by Europa Aviation Ltd).

## Applicability

Before the next flight

## Introduction

The filter contains an element which can be removed for cleaning or replacement. This element is held in place by a screwed sleeve with a knurled flange. If this sleeve were to work or vibrate loose, it is possible for it to cover both fuel inlet holes in the central tube, thus effectively blocking off nearly 100% of the fuel flow.

## Action

Turn off the fuel at the fuel cock, and arrange a suitable container to catch any spilt fuel.

Remove the fuel hose at the fuel inlet side, and unscrew the fuel filter inlet end cap (if correctly installed this will be the end from which the element can be removed).

Ensure that the knurled sleeve fitting is correctly tightened onto the element, and fit the supplied spring LC-042G-2 over the inlet tube. Refit the end cap, ensuring that the rubber 'O' ring is correctly positioned.

Refit the fuel hose. Turn the fuel back on and check for leaks. Carry out an engine ground run for 5 minutes to ensure any air locks are purged.