

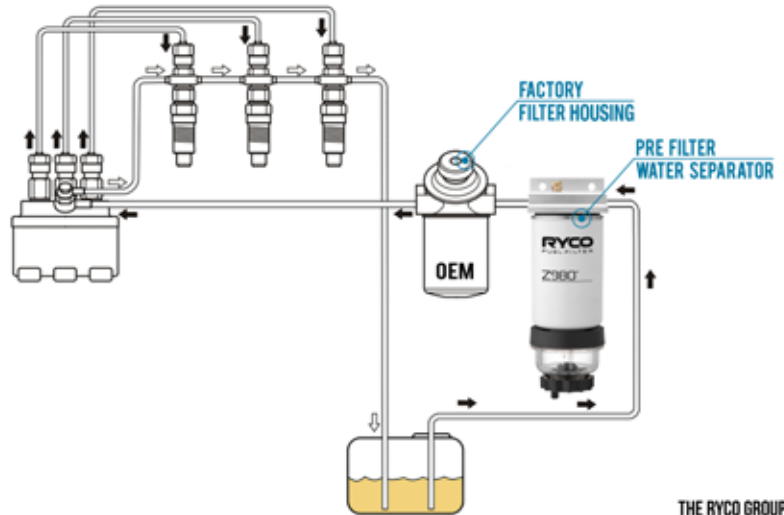
## BEST PRACTICES FOR FITMENT

Before you have the fuel-water separator installed, have you thought about where it will be fitted within the vehicle?

In most applications, the fuel-water separator is mounted in the engine bay because of the relative free space available and the protection offered under the bonnet. It also offers convenient visual access to the “clear” water trap at the base of the separator, allowing the vehicle driver to visually inspect for water build up, and drain as required.

Factory filter housings that do support water separation rely on a sensor to alarm the driver and often do not have a visual water trap to monitor the build-up of water. Upon alarm, the housing may not be easily accessible to drain the build of water which must occur to prevent fuel component damage.

All fuel-water separators are designed to be installed in line with the factory filter housing. This is known as a series installation, whereby all fuel must pass through both the additional fuel-water separator and fuel filter before reaching components such as high-pressure fuel pumps and injectors.



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## PRE OR POST STANDARD FUEL FILTER?

The first line of defence against water and contaminants

Larger particles and moisture are effectively removed by the first stage (RYCO Filters fuel-water separator)

Prevents bacteria growth and corrosion of the filter media

Allows the standard fuel filter to operate more effectively

Reduces premature replacement of the standard fuel filter due to contamination

Helps prevent Emulsified water from entering the standard fuel filter

Pre standard fuel filter	Post standard fuel filter
--------------------------	---------------------------

✓	X
✓	X
✓	X
✓	X
✓	X
✓	X

If the additional Ryco fuel-water separator is mounted post the genuine fuel filter housing, any emulsified water from the fuel tank will enter the genuine filter housing first.

Not all genuine filter housings are designed to separate water from fuel and will tend to hold moisture in the filter element itself and the housing.

A build-up of water in the element can cause bacteria growth and corrosion of the filter media, resulting in premature blocking of the filter. This will result in more frequent filter changes, or even loss of engine power.

This is why Ryco recommends all fuel water separators be fitted before the standard filter.



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