

# The Elan Factory – Product Datasheet



## Lotus Esprit alloy fuel tank

**Have you got a strong smell of fuel in front passenger cabin?  
Have you already replaced the fuel tank breather hose running over the top of the rear window?  
Then there is a very good chance you have a leaking fuel tank**

Whilst any Esprit has experienced a significant service life, most fuel tanks are probably suffering some form of corrosion. This is usually caused by one of three water ingress problems. (1) Water entering the tank, either by condensation or a free serving whilst filling up at a petrol station. (2) A leaking rear quarter light window that allow water to drip and soak into the foam on top of the tank (3) Water entering the vehicle from underneath and soaks into the foam under the bottom of the tank. The original steel tanks have a minimum of corrosion protection and are inadequately secured by foam rubber sheet that has an open cell construction. It is this type of foam construction that is responsible for causing the most common corrosion problems now observed in many Esprit fuel tanks.

The Elan Factory now offers high quality aluminium fuel tanks that are a direct replacement for the original items. Integrated inside the tank, is an additional baffle to reduce fuel surge and dampen fuel sender float movement. The new fuel tank has been carefully designed to allow the original sender assembly to be installed in the same position.



There is no single fuel tank that is common across the various models of Esprit. Therefore replacement tanks should be ordered using the following part numbers after first consulting the relevant Lotus Parts List. Listed below are fuel tank part numbers for some popular Esprits.

Fuel tank, RH B085L4148F, normally aspirated carburettor & 88 USA  
Fuel tank, LH B085L4147F, normally aspirated carburettor & 88 USA  
Fuel tank, RH C082L4140F, carburettor turbo & 88MY USA (Bosch K-Jetronic)  
Fuel tank, LH C082L4139F, carburettor turbo & 88MY USA (Bosch K-Jetronic)  
Fuel tank, RH B082L4168F, Delco injection system  
Fuel tank, RH B082L4167F, Delco injection system

For more information regarding replacement alloy fuel tanks or custom made tanks, please contact The Elan Factory.

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