



Mercedes 300E 280, 500sel, 420 etc... with an Impco Airvalve system.

System type: On all older Mercedes fitted with K-Jetronic injection we remove the fuel distribution and metering block and block the injectors off. We remove the petrol tank completely and locate the LPG filler where the petrol filler was. We have made them dual fuel in the past but there have been too many issues trying to keep both systems happy. As they are now older, the fuel distribution and metering is worn and they run very rich on petrol.

We locate a large gas cylinder in place of the petrol tank and obviously the car is straight gas. Under bonnet we use an Impco airvalve system as the most suitable and durable and use an automatic and adjustable primer to ensure easy starting when cold.

Cylinder: Being straight gas the biggest cylinder possible is a requirement and on the Merc we fit a cylinder of 80 litres useable LPG.

Location: In place of petrol tank so there is limited loss of boot space.

Controls: No switch is required for straight gas and we cant use the original petrol gauge in a way that allows it to be read easily so we fit a separate gauge for the LPG.

Filler: The filler replaces the petrol filler.

Disclaimer: We endeavour to get all our data correct but we do not guarantee that we are perfect and haven't made an error in some of the data. With the injection systems we do change the brand we use where we can improve on the quality of the equipment fitted. We are not tied into one particular brand and we are entirely motivated by self-interest; we aren't compensated for the labour to replace parts under warranty. When we fit components we don't fit them for ease of replacement but for best performance and looks and then within the requirements of the standards. It is therefore in our interests as well as yours that we don't have to replace parts and so we make sure we fit the most reliable, long lived parts.

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