

## Case Study – Euro 0 motor caravan



The Fiat Ducato motor caravan is a popular model and the residual value of the vehicle remains high.

The Gross Vehicle Weight of this vehicle is 3,500kg and the unladen weight is 1,580kg. This means that it will be affected by the Low Emission Zone from January 2012. It was first registered with the DVLA in 1992 before the current Euro standards were in place, and so the emissions from this vehicle are high due to its age. From January 2012, it will be required to meet the LEZ standard of Euro 3 for particulate matter. As the owner wishes to continue driving this motor caravan within Greater London, he will have to take some action.

The owner could replace the vehicle, but the vehicle is still valuable. The owner decides the easiest way to bring the vehicle up to the required emissions standard is to fit a filter to trap the PM emitted from the vehicle. After discussion with abatement equipment manufacturers, a full diesel particulate filter with fuel-borne catalyst was chosen as best suiting the vehicle's condition and duty cycle. The total cost of fitting the filter was about £2,500.

Only approved filters are accepted by TfL. There is a list of approved filters and suppliers available at [tfl.gov.uk/lez](http://tfl.gov.uk/lez). The owner of the vehicle spoke to several suppliers on this list before choosing the solution mentioned above. It is important to do this to ensure you get the best price and because not all filters are suited to all vehicles and operating conditions.

Once the filter was fitted, the owner needed to get a certificate to prove that the filter is working properly. The owner booked a test at the nearest VOSA test station, which she found through the VOSA website at <http://www.businesslink.gov.uk/lez>. After the vehicle was tested, the owner received a Low Emission Certificate (LEC). It took 10 working days for TfL to receive the certificate information from VOSA. The operator can now drive the motor caravan within the LEZ from 3 January 2012 without having to pay the daily charge.