

Case Study – Euro 0 Land Rover 90 Commercial

The Land Rover 90 Commercial is now primarily used for recreational use, but the vehicle is classed as a commercial LGV and will therefore be affected by the Low Emission Zone.

The Gross Vehicle Weight of this vehicle is 2,400kg and the unladen weight is 1,661kg. This means that it will be affected by the Low Emission Zone from January 2012. It was first registered with the DVLA in 1985, before the current Euro standards were in place, and the base 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 the vehicle within Greater London, she has had to take some action.

The owner would prefer to keep the Land Rover rather than replace it. The easiest way to bring it up to the required emissions standard was to fit a filter. After discussion with abatement equipment manufacturers, a full diesel particulate filter with a 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/lezlondon. 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.dft.gov.uk/vosa/>. After the Land Rover 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 her Land Rover within the LEZ from 3 January 2012 without having to pay the daily charge.