



Catalytic Converters

Each vehicle must meet the pass criteria for the particular engine fitted at varying engine speed ranges - these include:

Fast idle CO (Carbon Monoxide) less than 0.3% between 2,500 - 3,000 rpm.

Fast idle hydrocarbons (unburnt fuel) less than 200ppm (parts per million).

Fast idle Lambda figure (a complicated ratio calculated from the CO, Hydrocarbon, Carbon Dioxide and Oxygen emissions) to be within certain limits (between 0.97 and 1.03).

Idle (tickover) CO less than 0.5%.

Certain vehicles are allowed higher figures at different rpm ranges depending on make, model and engine type if they initially don't meet *these requirements*.