



Components of an EEC Catalytic Converter

The Catalytic Converter helps control harmful emissions from engine sources by converting the Hydrocarbons (HC), Nitrogen Oxides (NO_x) and Carbon Monoxide (CO) into Carbon Dioxide (CO₂), Nitrogen (N₂) and Water Vapour (H₂O).

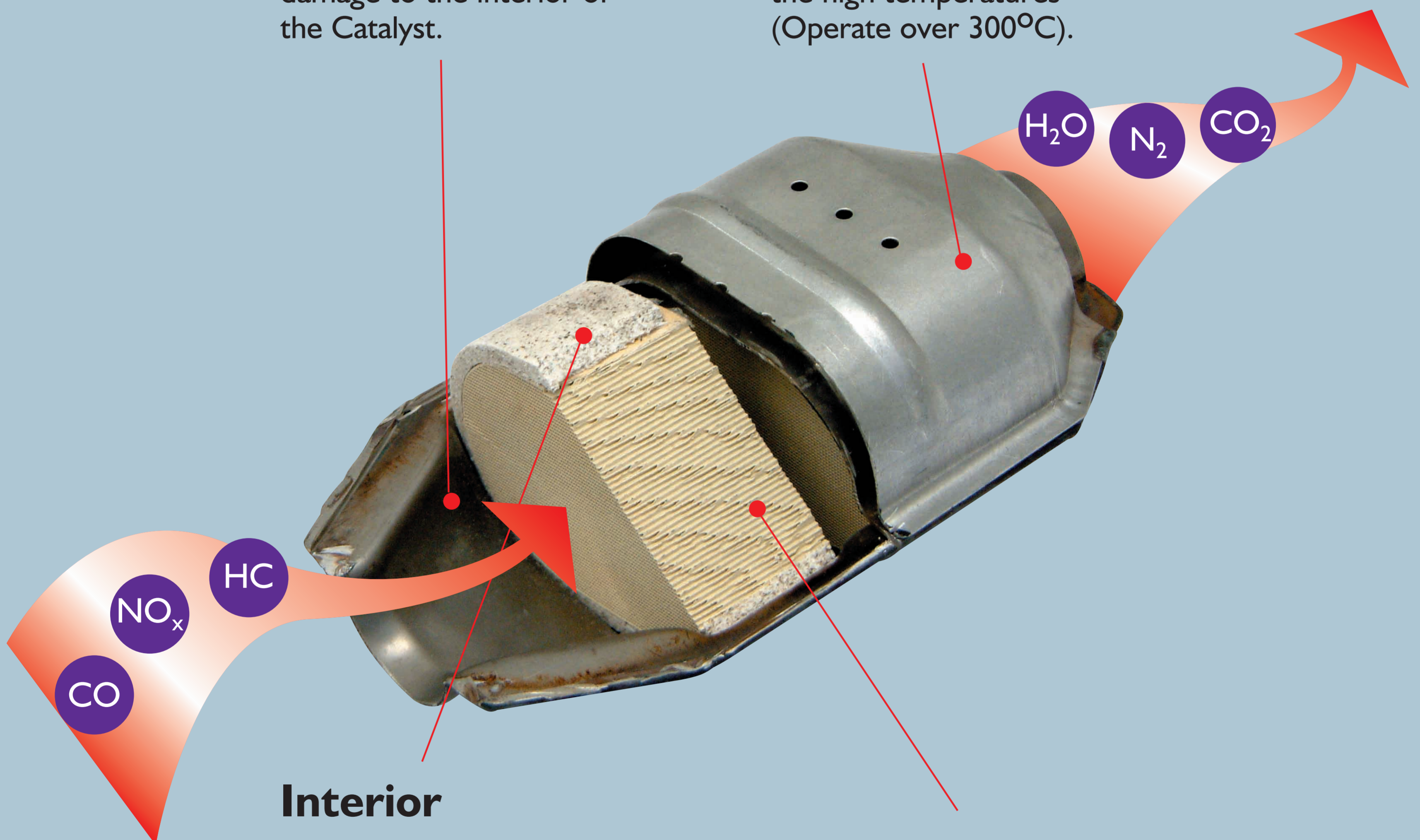
Exterior

Stainless Steel Canister

Long lasting and does not rust therefore eliminating damage to the interior of the Catalyst.

Heat Shield:

To protect the areas around the catalyst from the high temperatures (Operate over 300°C).



Interior

Ceramic Matting:

To hold the monolith in position and seals the gases/isolating the heat.

Honeycomb – Ceramic:

Called a Monolith or Substrate, this is coated in the precious metals Platinum (Pt) Rhodium (Rh) Palladium (Pd) that chemically react to the harmful gases.



The EEC Check List

- ✓ 1.5mm stainless steel casings (Competitors on 1.2mm)
- ✓ Mig and robot welded
- ✓ 6mm matting compressed to 3mm
- ✓ Type 103R Approved
- ✓ Catalyst protection through bubble wrap & cardboard boxing
- ✓ 2 Year Guarantee
- ✓ Comprehensive range & enhancement program
- ✓ Each cat individually pressure tested to 30Kpa
- ✓ Latest technology wash coat
- ✓ Future OBD2 & OBD3 compliance programme
- ✓ Designed to give a service life of between 50,000 – 100,000 miles



Universals



Front pipes



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Lambda sensors

**The driving force
behind vehicle emissions**