

# Catalytic Converter

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## CATALYTIC CONVERTER

### WARNING



**Exhaust system temperatures can be extremely high - do not park on ground where combustible materials such as dry grass or leaves could come into contact with the exhaust system - in dry weather a fire could result.**

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The exhaust system incorporates a catalytic converter, which converts poisonous exhaust emissions from the engine into environmentally less harmful gases. It cannot, however, remove all harmful exhaust emissions.

**Caution: Severe damage to the catalytic converter could occur if the engine is stopped for any length of time when being driven through water, where the water level is above the exhaust pipe.**

**Caution: Catalytic converters can be easily damaged through improper use, particularly if the wrong fuel is used, or if an engine misfire occurs. For this reason it is very important that you heed the precautions which follow.**

### Fuel

Only use fuel recommended for your vehicle. See **ENGINES, 274**.

### Starting the engine

- Do not continue to operate the starter after a few failed attempts (unburnt fuel may be drawn into the exhaust system, thereby poisoning the catalyst), and do not attempt to clear a misfire by pressing the accelerator pedal - seek qualified assistance.
- When starting a cold engine, do not drive if a misfire is suspected and do not attempt to clear a misfire by pressing the accelerator - seek qualified assistance.

- Do not attempt to push or tow-start the vehicle.

### Driving

- If a misfire is suspected, or the vehicle lacks power while driving, provided the engine has reached its normal operating temperature, it may be driven slowly (at risk of catalyst damage) to a Land Rover Dealer/Authorised Repairer for assistance.
- Never allow the vehicle to run out of fuel (the resultant misfire could damage the catalyst).
- Consult your Dealer/Authorised Repairer if your vehicle is burning excessive oil (blue smoke from the exhaust), as this will progressively reduce catalyst efficiency.
- On rough terrain do not allow the underside of the vehicle to be subjected to heavy impacts which could damage the catalytic converter.
- Do not overload or excessively rev the engine.
- Do not switch off the engine when the vehicle is in motion with a drive gear selected.

### Vehicle maintenance

- It is vital that unqualified persons do not tamper with the engine, and that regular systematic maintenance is carried out by a Land Rover Dealer/Authorised Repairer.
- Do not run the engine with a spark plug or HT lead removed, or use any device that requires an insert into a spark plug.