

1999 XK8 4.0

USA

## SPECIFICATIONS

### Fuel Requirements

Use only Premium Unleaded gasoline with a minimum Anti-Knock Index (AKI) of 91.

Oxygenated gasoline blended with ethanol (max 10%) methanol (max 5%), or methyl tertiary butyl ether (MTBE) (max 15%) may be used.

Reformulated Gasoline with a minimum AKI of 91 may also be used.

It is recommended that only fuels containing detergent additives are used in your vehicle.

### Catalytic Converters

A few precautions on the use of vehicles fitted with catalytic converters are necessary. These are:

1. In order to maintain the efficiency of the emission control system it is essential that **unleaded** fuel is used. This fuel minimises spark plug fouling, thereby sustaining engine performance. Use of leaded fuel will seriously damage the catalytic converters.
2. **Never** leave the vehicle unattended with the engine running.
3. Heavy impact on the converter casings must be avoided as they contain ceramic material which is easily damaged.
4. The engine settings must not be altered; they have been established to ensure that the vehicle will comply with stringent exhaust emission regulations. Incorrect engine settings could cause unusually high catalytic converter temperatures and thus result in damage to the converter and vehicle. If adjustment to the settings is considered necessary this should be performed by a Jaguar Dealer.
5. A correctly tuned engine optimises exhaust emissions, performance and fuel economy and it is recommended that the vehicle is maintained as detailed in the maintenance schedules.
6. **Do not** continue to operate the vehicle if any engine malfunction is evident; malfunctions should be rectified immediately. For instance, misfire, loss of engine performance or engine run-on may lead to unusually high catalytic converter temperatures and may result in damage to the converters and vehicle.
7. The use of catalytic converters increases exhaust system temperatures, therefore, do not operate or park the vehicle in areas where combustible materials such as dry grass or leaves may come into contact with the exhaust system.
8. **Do not** run the engine with either a spark plug lead disconnected or a spark plug removed. **Do not** use any device that requires an insert into a spark plug hole in order to generate air pressure e.g. tyre pump, paint spray attachment etc., as this could also result in catalytic converter damage.
9. The vehicle is designed for normal road use. Below are examples of abuse which could damage the catalytic converters and vehicle. These may lead to a dangerous condition due to excessively high catalytic converter temperatures.
  - a) Competition or off-road use.
  - b) Excessive engine speed.
  - c) Overloading the vehicle.
  - d) Switching off the engine whilst in gear.