FUEL FOR PETROL ENGINES

CAUTION

Do not use leaded fuels, lead substitutes, or fuel additives. Doing so can cause damage to the engine, fuel, catalytic converter and emission control systems.

Unleaded fuel must be used for the emission control system to operate properly. Use of unleaded fuel will also reduce spark plug fouling, exhaust system corrosion and engine oil deterioration.

Octane rating

It is recommended that you use unleaded fuel conforming to specification EN 228 and having an octane rating of 95 RON (Research Octane Number) or higher. However, you may also use unleaded fuel with a lower RON, but performance will be reduced. The minimum octane rating for fuel to be used is 90 RON.

During manufacture, engines are tuned to suit the fuel supplies commonly available in the country for which the vehicle is destined. However, if a vehicle is later exported to a different country, or is used to travel between different territories, you should be aware that the octane rating (RON) and type of petroleum available may not be compatible with the engine specification. If in doubt seek advice from the territory concerned.

Using unleaded fuel with a lower octane rating than recommended, can cause persistent, heavy engine knock (a metallic rapping noise). If severe, this can lead to engine damage.

If a heavy knock is detected, even when using fuel to the recommended octane rating, or if you hear knock while holding a steady speed on level roads, consult your Dealer/Authorised Repairer to have the problem corrected. Failure to do so is misuse of the vehicle, for which Land Rover is not responsible.

Note: *Occasional, light, engine knock experienced while accelerating or climbing hills is acceptable.*

ALTERNATIVE FUELS FOR PETROL ENGINES

Ethanol fuels

CAUTIONS

This vehicle is not suitable for use with fuels containing more than 10% Ethanol.

Do not use E85 fuels (85% Ethanol content). Equipment necessary for the use of fuels containing more than 10% Ethanol is not fitted to this vehicle. If E85 fuels are used, serious engine and fuel system damage will occur.

Fuels containing up to 10% Ethanol (grain alcohol) may be used. Ensure the fuel has octane ratings no lower than those recommended for unleaded fuel. Most drivers will not notice any operating difference with fuel containing Ethanol. If a difference is detected, the use of conventional unleaded fuel should be resumed.

Methanol

Some fuels contain Methanol (Methyl or wood alcohol). If you use fuels containing Methanol the fuels must also contain co-solvents and corrosion inhibitors for Methanol. Also, do not use fuels that contain more than 3% Methanol even if they contain co-solvents and corrosion inhibitors. Fuel system damage or vehicle performance problems resulting from the use of such fuels is not the responsibility of Land Rover, and may not be covered under the warranty.