

# Fuel and refuelling

## SAFETY PRECAUTIONS

-  **Avoid exposing the fuel gases to any potential sources of ignition as the resulting fire and explosion may cause serious injuries and/or death.**
-  **Switch off the engine when refuelling, as it is both a source of extreme temperatures, and electrical sparks.**
-  **Switch off any personal electronic devices such as mobile phones or music players.**

## PETROL ENGINED VEHICLES

-  Do not use leaded fuels, lead substitutes, or fuel additives.
-  Fuel system cleaning agents should not be used, unless approved by Land Rover.

## OCTANE RATING

Your Land Rover requires the use of premium unleaded fuel with a minimum octane rating of 95 RON to achieve optimum performance, fuel economy and driveability.

If premium unleaded fuel is not available, you may use unleaded fuel with a lower octane rating, down to a minimum of 91 RON, but this may reduce engine performance, increase fuel consumption, cause audible engine 'knock' (a metallic rapping noise from the engine) and other driveability problems.

-  Do not use fuels with an octane rating lower than 91 RON as severe engine damage may occur.

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

If a heavy persistent engine knock is detected, even when using fuel to the recommended octane rating, or if you hear engine 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. If in doubt seek advice from a Dealer/Authorised Repairer in the territory concerned.

Super Green Plus 98 RON unleaded fuel (where available) may be used as an alternative to the standard 95 RON unleaded fuel.

## ETHANOL

Fuels containing up to 10% ethanol (E5 and E10) may be used.

-  This vehicle is not suitable for fuels containing more than 10% ethanol.
-  Do not use E85 fuel as serious engine and fuel system damage will occur.

## METHANOL

-  Wherever possible avoid using fuel containing methanol.

Use of fuels containing methanol may cause serious engine and fuel system damage. 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.

## METHYL TERTIARY BUTYL ETHER (MTBE)

Unleaded fuel containing an oxygenate known as MTBE can be used provided that the ratio of MTBE to conventional fuel does not exceed 15%. MTBE is an Ether based compound derived from Petroleum, which has been specified by several refiners as the substance to enhance the octane rating of fuel.