SAFETY PRECAUTIONS

⚠WARNING

Do not smoke, use an exposed flame, or cause sparks while refueling. The resulting fire and explosion may cause serious injury or death.

⚠WARNING

Avoid exposing the fuel gases to any potential sources of ignition as the resulting fire and explosion may cause serious injuries and/or death.

⚠WARNING

Switch off the engine when refueling, as it is both a source of extreme temperatures, and electrical sparks. Failure to do so may cause a fire or explosion.

⚠WARNING

Switch off any personal electronic devices such as cell phones or music players. They have the potential to trigger an explosion or a fire.

⚠WARNING

Do not overfill the fuel tank. Overfilling may cause spillage when the vehicle is driven. Spillage may also occur if the fuel expands in high ambient temperatures.

⚠WARNING

Only use containers specifically designed for carrying fuel and always remove them from the vehicle to fill them. Failure to do so may result in spillage and cause a fire.

GASOLINE ENGINED VEHICLES

NOTICE

Fuel system cleaning agents should not be used, unless approved by the vehicle manufacturer. Unapproved products may be harmful to fuel system components on this vehicle.

OCTANE RATING

Note: *Federal law requires that gasoline octane ratings be posted on the fuel pumps.*

V6 gasoline vehicles

It is recommended to use premium unleaded gasoline with a minimum octane rating of 91 AKI (Anti-Knock Index) to contribute to increased performance, fuel economy and driveability.

I4 gasoline engines

These engines require the use of premium unleaded fuel with a minimum octane rating of 91 AKI (Anti-knock index) 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 87 AKI but this may reduce engine performance, increase fuel consumption, cause audible engine knock and other driveability problems.

NOTICE

Do not use fuels with an octane rating lower than 87 AKI, as severe engine damage may occur.

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 a Retailer/Authorized Repairer to have the problem corrected. Failure to do so is misuse of the vehicle, which will not be covered by warranty.

Note: *An occasional light engine knock, when accelerating or climbing hills, is acceptable.*

NOTICE

Do not use leaded fuels, fuels with lead substitutes (e.g., manganese-based) or fuel additives, as these may adversely affect the emissions control systems and may affect warranty coverage.

ETHANOL



E162395

Certain vehicles are certified for use with E85 (85% ethanol content) fuel. If the vehicle can use E85 fuel, it will be stated on a label on the back of the fuel filler flap.

If your vehicle does not have the label, it is only suitable for use with fuels containing up to 15% ethanol (E10 and E15).

Vehicles without the E85 label

NOTICE

This vehicle is not suitable for use with fuels containing more than 15% ethanol.

NOTICE

Do not use E85 fuels (85% ethanol content), as serious engine and fuel system damage will occur.

Fuels containing up to 15% ethanol (E10 and E15) may be used.

Make sure that 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 driveability issues are experienced, revert to fuel containing no more than 10% ethanol. If the issues remain, use premium quality unleaded fuel instead.

Vehicles with the E85 label

NOTICE

Do not use E85 fuel in ambient temperatures lower than 14°F (-10°C).

NOTICE

When using E85 fuel, 1 in 4 tanks of fuel must be non-E85 premium quality unleaded fuel. Failure to do so will require more frequent servicing. Consult a Retailer/Authorized Repairer. Further servicing information can also be found in the Passport to Service.

NOTICE

Do not leave the vehicle in storage for 6 months or more with E85 fuel in the fuel tank. If the vehicle must remain in storage, use non-E85 premium quality unleaded fuel instead.

When using E85 fuel, an increase in fuel consumption may be experienced. This is normal and does not indicate a fault.

The engine may take longer to start in ambient temperatures below 32° F (0° C). This is normal and does not indicate a fault.

If the vehicle is frequently driven short distances or in cold weather conditions, then the engine may not reach normal operating temperature. **Engine Oil Level High** may be displayed in the Message center but this does not indicate a fault and no retailer support should be required. Drive the vehicle for approximately 40 minutes or more. If the warning message remains, consult a Retailer/Authorized Repairer.

METHANOL

NOTICE

Wherever possible, avoid using fuel containing methanol.

Use of fuels containing methanol may cause serious engine and fuel system damage, which may not be covered under 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 gasoline, which has been specified by several refiners as the substance to enhance the octane rating of fuel.

REFORMULATED GASOLINE

These fuels are specially formulated to further reduce vehicle emissions. The vehicle manufacturer fully supports all efforts to protect and maintain the ambient air quality and encourages the use of reformulated gasoline, where available.

RUNNING OUT OF FUEL

NOTICE

Avoid running out of fuel. Doing so can cause damage to the vehicle's engine, fuel, and emission control systems.

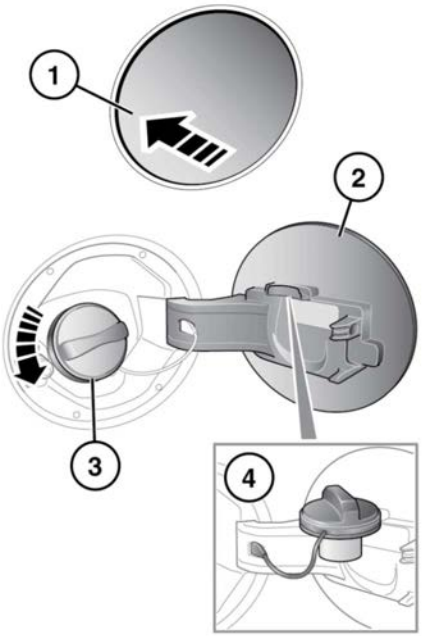
If the vehicle does run out of fuel, a minimum of 1.1 U.S. gallons (4 liters) will be required to restart the engine. The vehicle should be left with the ignition on for 5 minutes after refueling, before attempting to restart the engine. The vehicle will need to be driven 1 - 3 miles (1.6 - 5 km), in order to reset the engine management and monitoring systems.

Note: *If the vehicle does run out of fuel, seeking qualified assistance is advisable.*

FUEL FILLER FLAP

⚠WARNING

Take note of all the warnings and instructions given on the label affixed to the inside of the fuel filler flap.



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1. Press and release the rear of the fuel filler flap to unlatch.
2. Pull the flap open. The label on the inside of the flap indicates the correct fuel for the vehicle.
3. Twist the cap counter-clockwise to undo.
4. Stow the cap on the lip provided on the top of the hinge arm, as shown.

When replacing the cap, turn it clockwise until the ratchet clicks.

To close the filler flap, push the flap until it is securely latched.

FUEL FILLER

⚠WARNING

Take note of all warnings and instructions given on the label affixed to the inside of the fuel filler flap. Failure to do so may result in injury or death.

⚠WARNING

When refueling, make sure that all of the windows, doors, and the sunroof are fully closed, particularly if young children or animals are in the vehicle.

NOTICE

Never leave the fuel pump nozzle unattended while refueling.

⚠WARNING

Do not attempt to fill the tank past its maximum capacity. If the vehicle is to be parked on a slope, in direct sunlight or high ambient temperature, expansion of the fuel could cause spillage.

NOTICE

Check the fuel pump information carefully, to make sure that the correct fuel is being added to the vehicle.

NOTICE

If the vehicle is filled with the incorrect fuel, it is essential to seek qualified assistance before starting the engine.

Filling station pumps are equipped with automatic cut-off sensing to avoid fuel spillage. Fill the tank until the filler nozzle automatically cuts off the supply. Do not attempt to fill the tank beyond this point.

FUEL TANK CAPACITY

Avoid the risk of running out of fuel and never intentionally drive the vehicle when the fuel gauge indicates that the tank is empty. When refueling the vehicle after the fuel gauge reads empty, it may not be possible to add the maximum fuel quantity, as there will be a small reserve remaining in the fuel tank. See **245, CAPACITIES**.