

Fuel and refuelling

SAFETY PRECAUTIONS

⚠ DANGER

Do not smoke, use a naked flame or cause sparks while refuelling. The resulting fire may cause serious injury or death.

⚠ WARNING

Avoid exposing the gasses 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 refuelling, 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.

NOTICE

Do not use leaded fuels, lead substitutes or fuel additives.

NOTICE

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

NOTICE

Only use high quality fuel. Using lower quality fuels can damage the engine, fuel and emission control systems.

OCTANE RATING

Premium unleaded gasoline with a Cost of Living Council (CLC) or Anti Knock Index (AKI) octane rating of 91 or higher should be used.

NOTICE

Even a very small amount of leaded fuel will damage your vehicle's emission control system and could invalidate the emissions warranty. In addition, leaded fuel will damage the oxygen sensors in the fuel injection system and also seriously damage the catalytic converter.

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

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

Note: Mid or regular grade gasoline with a CLC or AKI octane rating of not lower than 87 may also be used, but performance and fuel economy will be reduced.

If heavy knock is detected, even when using fuel with the recommended octane rating, consult your Dealer/Authorized Repairer to have the problem corrected. Failure to do so is misuse of the vehicle, for which Jaguar cars is not responsible.

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

ETHANOL

NOTICE

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 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 a difference is detected, the use of conventional unleaded fuel should be resumed.

METHANOL

NOTICE

Wherever possible avoid using fuel containing 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 which contain more than 10% 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 Jaguar, 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.

REFORMULATED GASOLINE

Fuels specially formulated to further reduce vehicle emissions are available from some petroleum companies. Jaguar recommends the use of reformulated gasoline where available.

RUNNING OUT OF FUEL

NOTICE

Avoid running out of fuel.

Note: *If the vehicle does run out of fuel, a minimum of 1.1 U.S. gallons (4 litres) will be required 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.*

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REFUELLING

⚠ 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 refuelling ensure that all windows, doors, and sunroof are fully closed, particularly if young children or animals are in the vehicle.

⚠ WARNING

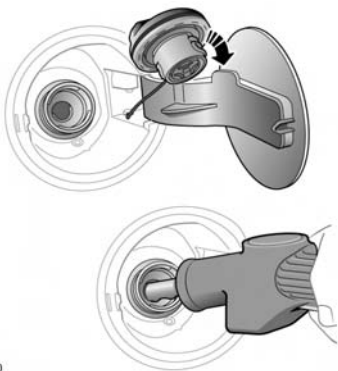
Do not attempt to fill the tank to its maximum capacity. If the vehicle is to be parked on a slope, in direct sunlight or high ambient temperature, expansion of the fuel could cause spillage, potentially leading to a fire or explosion.

NOTICE

Check the fuel pump information carefully, to ensure that you are putting the correct fuel into the vehicle.

NOTICE

If the vehicle is filled with incorrect fuel, it is essential that you seek qualified assistance before you start the engine.



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The vehicle must be unlocked using the Smart Key, before the filler flap can be opened.

1. Press the fuel filler flap release switch, see **214, DRIVER CONTROLS**.
2. Pull the flap open.
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.
5. Insert the dispenser nozzle into the filler neck sufficiently to open the trap door, for fuel to flow into the fuel tank. When the tank is full the filler nozzle automatically shuts off. Filling beyond this point could result in fuel spillage.

When replacing the cap, turn it clockwise until the ratchet clicks. Failure to do so may cause the Engine malfunction warning lamp to illuminate. If the warning lamp illuminates, ensure the cap is fitted properly.

Close the flap, which automatically locks.

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 refuelling your vehicle after the fuel gauge reads empty, you may not be able to add the fuel quantity shown below, as there will be a small reserve remaining in the tank.

Total tank capacity (usable):	
All vehicles	18.8 U.S. gallons (71 litres)
Fill capacity (when fuel gauge reads empty)	17.2 U.S. gallons (65.1 litres)
Reserve capacity (when fuel gauge reads empty)	1.6 U.S. gallons (6.0 litres)

FUEL SPECIFICATION

Gasoline
Unleaded 91 Octane