GENERAL DRIVING POINTS

Vehicle stability

WARNING

Many vehicle roll-overs occur when a driver attempts to bring a vehicle back onto the road after some or all of the wheels drift onto the verge or shoulder of the road. If this happens, do not steer or steer sharply or abruptly to re-enter the roadway. Let the vehicle slow down as much as possible before attempting to re-enter the roadway and keep your wheels as straight as possible.

Measures that reduce the risk of injury and death from vehicle crashes and roll-over are:

- Limit your speed. Never exceed speed limits.
- Take bends at a reasonable speed. Avoid unnecessary braking on bends.
- Drive defensively. Be aware of road and weather conditions. Avoid risk-taking behaviour such as following too close, rapid lane-changing or abrupt manoeuvring.
- Assume that pedestrians and other drivers are going to make mistakes and be ready for them.
- Avoid distractions.
- Before changing lanes, check your mirrors and use the direction indicators.
- Never operate your vehicle when you have consumed alcohol, are sleepy or fatigued or have taken any medication that affects judgement, reflexes or alertness.

Wading

CAUTIONS

The maximum advisable wading depth is normally 600 mm (24 in). This can be increased to 700 mm (27 in) if the air suspension is set to off-road height. Wading at greater depths may cause damage.

If the vehicle remains stationary for any length of time in water above the level of the door sills, severe electrical damage will occur.

Do not switch off the engine during wading. If the engine stalls during wading re-start immediately. Should the engine stall have it checked by a qualified technician as soon as possible.

If water enters the engine air intake during wading, switch off immediately. The vehicle should be towed from the water and recovered to a Land Rover Dealer/ Authorised Repairer.

After wading in salt water, or driving on sandy beaches, wash the underbody components and exposed panels with fresh water.

Extreme driving conditions

Vehicles which operate in extreme conditions, particularly on dusty, muddy, or wet terrain, and vehicles which undergo frequent, or deep wading conditions will require more frequent servicing. Contact a Land Rover Dealer/ Authorised Repairer for advice.

Breakdown safety

If a breakdown occurs:

- Wherever possible, consistent with road safety and traffic conditions, move the vehicle off the main highway.
- Switch on the hazard warning lamps.
- If possible, position a warning triangle or a flashing amber light at an appropriate distance behind the vehicle to warn other traffic of the breakdown, (note that this is a legal requirement in some countries).
- Your vehicle may be struck by another one. Consider evacuating passengers through the doors facing away from traffic, to a safe area away from the vehicle and highway.

RUNNING-IN

The engine, gearbox, tyres and brakes need time to bed-in. During the first 800 km (500 miles) it is essential that the vehicle is driven with consideration for the running-in process. During this period adhere to the following advice:

- Limit the engine speed to a maximum of 3 000 rpm and the road speed to a maximum of 110 km/h (68 mph).
- Do not use full accelerator pedal travel and use the gears to avoid over-revving or labouring the engine.
- Do not use sport mode during the running-in period.
- Avoid rapid acceleration and heavy braking wherever possible.
- Ensure that servicing is carried out on time and follow any advice regarding use in arduous conditions.

Note: *The advice given for running-in will aid fuel economy and should be adopted as general driving practice even after the running-in period.*

ENGINE RELATED PROBLEMS

Restricted performance

If the message RESTRICTED PERFORMANCE with a warning icon appears in the message centre an engine management fault has been registered.

If the warning icon is RED, reduced engine performance will be experienced. Stop the vehicle as soon as safety permits and seek qualified assistance.

If the warning icon is AMBER, reduced engine performance may be experienced. Consult a Land Rover Dealer/Authorised Repairer at the earliest opportunity.

Engine systems fault

If the message **ENGINE SYSTEMS FAULT** appears in the message centre, a serious engine problem has been detected. Stop the vehicle as soon as safety permits and seek qualified assistance. Continuing to drive the vehicle may cause serious damage to the engine.

Check engine



This warning indicator illuminates when the ignition is on and extinguishes as soon as the engine is started. Illumination at any other time indicates an engine fault - if the indicator illuminates or flashes while driving, avoid high speeds and seek qualified assistance as soon as possible.

ECONOMICAL DRIVING

There are two main factors which influence fuel economy, the way the vehicle is driven, and maintenance.

Driving tips for economy

- Avoid unnecessary journeys, especially short start-stop trips.
- Accelerate gently and smoothly from a stand still.
- Use the gears to avoid labouring, or over-revving the engine.
- Allow time to brake gently and smoothly.
- Be aware of traffic and road conditions ahead, and take action in time to avoid hard braking and acceleration.
- When stationary apply the park brake and select neutral.
- Turn off the air conditioning when not needed.

Maintenance and fuel economy

Regular servicing by your Dealer/Authorised Repairer, along with regular checking by the driver is essential for vehicle longevity and fuel economy. The condition of the engine (oils, filters, spark plugs, settings etc.) tyre pressures and wheel alignment will all have a bearing on fuel economy. For this reason it is essential that the vehicle is checked regularly by the driver and serviced at the correct intervals by an approved Dealer/Authorised Repairer.

Note: *If you are in any doubt about the maintenance requirements, intervals or checks required, contact your Dealer/Authorised Repairer for advice.*

DIESEL PARTICULATE FILTER (DPF)

The Diesel Particulate Filter (DPF) forms part of the emissions reduction system fitted to your vehicle. The DPF will remove a high proportion of the harmful carbon microspheres (soot) before they leave the exhaust. It achieves this by filtering out the particles, which are then stored until they are burnt away and the filter is emptied.

Unlike a normal filter which requires periodic replacement, the DPF has been designed to regenerate, or clean itself to maintain operating efficiency. The regeneration process takes place automatically in most cases. However, some unfavourable driving conditions mean that the regeneration process must be initiated deliberately by the driver.

Warning messages

CAUTION

Failure to take appropriate action when a warning message appears may result in damage to the engine, DPF system, increased vehicle emissions, and costly repairs.

If regeneration cannot be achieved automatically by the system, due to short journeys for example, the driver will be notified by a warning message.

DPF FULL SEE HANDBOOK - If this message appears the driver should carry out the DPF regeneration procedure as soon as possible.

DPF FULL VISIT DEALER - If this message appears the vehicle should be taken to your Dealer/Authorised Repairer as soon as possible.

Regeneration procedure

CAUTION

The regeneration procedure produces high temperatures in the DPF. Heat can be felt radiating from beneath the vehicle, which is normal and not a cause for concern. However, the vehicle should not be parked over combustible material, particularly during dry weather. The heat generated could be sufficient to start a fire when in close proximity to combustible material such as long dry grass, paper etc.

If **DPF FULL SEE HANDBOOK** appears in the message centre, carry out the following procedure.

Note: *At all times during this procedure you should observe all relevant speed limits, laws, and regulations.*

1. Drive the vehicle until the engine reaches normal operating temperature. The engine should not be left idling to achieve working temperature.
2. Drive the vehicle for a further twenty minutes, keeping the vehicle at a constant speed between 75 km/h (45 mph) and 120 km/h (75 mph).

   Note: *Keeping a constant speed enables the DPF to regenerate more efficiently. It is therefore recommended that cruise control is used to achieve this, if possible.*
3. If regeneration is successful the warning message will disappear. If the message remains repeat the process.

Note: *When driving off-road during the regeneration process, greater accelerator pedal use may be required.*

Note: *If the warning message remains after following the regeneration process three times, contact your Dealer/Authorised Repairer for assistance.*