When the amber warning lamp illuminates (see **30, DIESEL PARTICULATE FILTER (DPF) (AMBER)**), the filter requires a regeneration cycle to clean itself. This requires the engine to have reached normal operating temperature. Regeneration takes place automatically at an interval of approximately 300-900 km (190-560 miles) depending on driving conditions. Regeneration normally takes 10-20 minutes and is automatically requested by the engine control module if the vehicle is driven steadily, in high range, at vehicle speeds between 40 mph to 70 mph. It is possible that the regeneration process will occur at lower vehicle speeds, but the events may take a little longer at a 50 km/h (30 mph) average speed.

DRIVING SHORT DISTANCES OR IN COLD WEATHER

If the vehicle is frequently driven short distances or in cold weather conditions then the engine may not reach normal operating temperature. This means that regeneration of the diesel particle filter does not take place and the filter is not efficiently cleaned. When the filter reaches a condition when a filter regeneration is appropriate and the current drive style is not appropriate, an amber warning lamp illuminates on the instrument panel (see **30, DIESEL PARTICULATE FILTER (DPF) (AMBER)**). This is not indicating a fault condition with the vehicle and no dealership support should be required. Start regeneration of the filter by driving the vehicle, in high range, preferably on a main road or motorway. The vehicle should then be driven for approximately 20 minutes or more.

When regeneration is complete the warning lamp will extinguish.

ARDUOUS DRIVING CONDITIONS

When a vehicle is operated in extremely arduous conditions, more frequent attention must be paid to servicing requirements.

Arduous driving conditions include:

- Repeated short distance driving up to 10 km (6 miles), stop-start driving or idling for long periods.

  Note: *Following extended period of idling of one hour or more, the vehicle must be driven steadily for at least 10 minutes at speeds of 35 km/h (22 mph) or more. See* ***68, DRIVING SHORT DISTANCES OR IN COLD WEATHER****.*
- Driving in dusty and/or sandy conditions.
- Driving on rough and/or muddy roads.
- Frequent wading.
- Driving in extremely hot conditions.
- Towing a trailer or driving in mountainous conditions.

Contact a Land Rover Dealer/Authorised Repairer for advice.

ROAD TESTING DYNAMOMETERS (ROLLING ROADS)

It is essential that any dynamometer testing is carried out only by a qualified person, familiar with the dynamometer testing and safety procedures practised by Land Rover Dealers/Authorised Repairers.

SAFETY IN THE GARAGE

If the vehicle has been driven recently, do not touch the engine, exhaust and cooling system components until the engine has cooled.

Never leave the engine running in an unventilated area - exhaust gases are poisonous and extremely dangerous.