



## Road Safety Initiative (U)

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### Driving and the Environment ‘Eco-safe driving’:

Transport is an essential part of modern life but it does have environmental effects. In heavily populated areas traffic is the biggest source of air pollution. Eco-safe driving and riding will reduce emissions and can make a surprising difference to local air quality.

You **MUST NOT** leave a parked vehicle unattended with the engine running or leave a vehicle engine running unnecessarily while that vehicle is stationary on a public road.

#### You should always reduce your speed when:

- the road layout or condition presents
- hazards, such as bends, sharing the road with pedestrians, cyclists and horse riders, particularly children, and motorcyclists
- weather conditions make it safer to do so
- driving at night as it is more difficult to see other road users

#### Enhanced hazard perception and awareness skills

- Selective use of gears
- Progressive use of accelerator
- Compliance with speed limits
- Utilisation of engine braking/torque
- Carrying unnecessary weight
- Route planning

#### Hazard Awareness/ Planning

Identifies hazards in a timely manner allowing adequate time to respond.  
As a result braking and acceleration are smooth and progressive.

#### Compliance with Speed limits

- Comply with all posted and national speed limits.
- Ensures that speed is always appropriate to road, traffic and weather conditions

#### Starting and moving away

- Start engine without excessive use of accelerator.
- Moves away from stops smoothly.
- Uses the accelerator during in normal driving in a smooth manner, co-ordinated with other controls.
- Demonstrates good acceleration sense.

### **Use of accelerator**

- Uses the accelerator during in normal driving in a smooth manner, co-ordinated with other controls.
- Demonstrates good acceleration sense.

### **Gear selection**

- Use gears sensibly and efficiently.
- The vehicle is always travelling in an appropriate gear for road and traffic conditions.
- Uses gears selectively (up and down) and selects highest suitable gear as soon as possible, without causing engine to labour.

### **Engine power/torque**

- Take advantage of the effects of engine braking when appropriate.
- Takes advantage of the power/torque characteristics of a modern engine.
- Utilizes higher gears at lower engine speeds, when negotiating hazards, without causing engine to labour.