

# 4 Lamps, Reflectors and Electrical Equipment

HID headlamps use high voltage and extra care should be taken when inspecting these items.

Defect	Category
(a) Headlamp levelling device inoperative.	Major
(b) Manual levelling device cannot be operated from the driver's seat.	Major

## 4.1.6 Cleaning devices

**This inspection only applies to** vehicles first used on or after 1 September 2009 equipped with headlamp washers.

**HID lamps** may be identified by:

- taking a few seconds to reach full intensity
- having a bluish tinge to the light
- having an igniter module/inverter behind the headlamp
- having 'DCR' marked on the headlamp lens or body.

HID headlamps use high voltage and extra care should be taken when inspecting these items.

Defect	Category
(a) Headlamp cleaning device:	
(i) inoperative	Minor
(ii) inoperative in the case of LED or gas discharge systems (HID)	Major

## 4.2 Front and rear position lamps, end outline marker lamps and daytime running lamps

### 4.2.1 Presence, condition and operation

**This inspection applies to** obligatory position lamps and end outline marker lamps.

**It also applies to daytime running lamps** (DRLs) fitted to M1 vehicles first used on or after 20 May 2018.

**It is permitted for vehicles** to not be fitted with position lamps, or to have such lamps permanently disconnected, painted over or masked. If this situation occurs, an advisory notice should be issued recording this fact. Vehicles that meet these criteria do not require end-outline marker lamps.

### All Lamps

**Repairs to lamps** must be assessed, considering security, colour, light output and durability.

### Front and Rear Position Lamps

**Two front and two rear** position lamps must be fitted other than on a tricycle or quadricycle.

**By design, the front position lamp** function may be carried out by the Daytime Running Lamps (DRLs) or the headlamps. Where the front position lamp function is carried out by the DRLs, the DRLs may dim when the rear position lamps are switched on and may extinguish when the headlamps are illuminated.

The front position lamps may also extinguish when the front fog lamps are illuminated.

**The front and rear position lamps** must illuminate simultaneously with the registration plate lamps and end-outline marker lamps where they are fitted.

**Tricycles and quadricycles** may have one or two front and rear position lamps. However, if the maximum vehicle width exceeds 1300mm, two front and two rear position lamps are required.