

## **TACHOGRAPH / SPEEDOMETER / SPEED LIMITER**

### **Method of Testing**

#### **Speed Limiters**

For the purpose of the vehicle roadworthiness test scheme a speed limiter is required on the following vehicles;

First registered on or after 1st January 1988:-

- (a) Goods vehicles exceeding a GVW of 12,000 kgs,
- (b) Passenger vehicles exceeding a GVW of 10,000 kgs with passenger accommodation for more than 8 passengers (not including driver's seat).

First registered on or after 1st January 2005:-

- (a) Goods vehicles exceeding a GVW of 3,500 kgs,
- (b) Passenger vehicles not exceeding a GVW of 10,000 kgs with more than 8 passenger seats<sup>\*</sup> (not including driver's seat).

<sup>\*</sup> NOTE; on a passenger vehicle in this category where the operation, speed set point or speed limiter device cannot be verified e.g. where no tachograph is fitted, this vehicle should not fail the test under the speed limiter section.

For vehicles required to be fitted with a speed limiter, check that a plate is fitted in a conspicuous position in the driver's compartment showing the following information:-

- (a) the words "speed limiter fitted";
- (b) details of the type approval authority and the national or international approval mark;
- (c) the type approval number;
- (d) the name of the authorised sealer and the code number assigned to the authorised sealer by the approved body, i.e. NSAI;
- (e) the set speed, expressed in kilometres per hour, to which the speed limitation device has been set;
- (f) the tyre size on the drive axle or axles;
- (g) the date on which the speed limitation device was most recently sealed; (if available) and
- (h) the vehicle registration number or, in the case of an unregistered vehicle, the chassis number.

Open the tachograph head, plug in the speed limiter check instrument, and, following the instrument manufacturer's instructions, note the speed at which the speed limiter operates and compare it with the permitted speed for the vehicle type.

Check that the tyres fitted to the drive axle(s) are the same size as that stated on the speed limiter plate in the driver's compartment.

Check where possible the integrity of the seals and that they are marked IR.

Check any other security arrangement at the electrical and mechanical connections within the speed limiter system.

#### **Note**

1. Seals may be in the form of lead, plastic, wax or paint.
2. There will be a small % of vehicles for which the speed limiter check is not suitable. In such cases check that the tachograph has not recorded a speed in excess of 90 kilometers per hour in the case of a goods vehicle and 105 kilometers per hour in the case of a passenger vehicle.