

DIRECTION INDICATORS AND HAZARD WARNING LAMPS

Application

DIRECTION INDICATORS

This inspection applies to all vehicles first used after 1 January 1936.

Side repeaters are required on motor vehicles first used from 24 January 1996.

HAZARD WARNING LAMPS

This inspection applies to all vehicles fitted with hazard warning lamps.

They need not be fitted to vehicles first used before 24 January 1996.

Hazard warning lamps fitted to a vehicle first used from 24 January 1996 must also operate the indicators of any trailer which is being towed.

The hazard warning lamp 'tell tale' may be a separate light or the same as the indicator 'tell-tale'. However, it must be a flashing light.

PROCEDURES AND STANDARDS

DIRECTION INDICATORS

- Check for correct operation, visibility, cleanliness, completeness and security.
- Check that one or more indicators are fitted and visible to the front and to the rear on each side of the vehicle. All indicators fitted must work.
- These must show amber light unless fitted to a vehicle first used before 1 September 1965 when both indicators may show white to the front or red to the rear.
- The tell-tale on direction indicators may be audible rather than visual but for hazard warning lamps it must be a flashing light. A tell-tale not required if the operation of one or more indicators on each side can be seen from the driver's seat.

- Check that they flash at between 60 and 120 times per minute. If they flash at below 60 times per minute, recheck with the engine running.
- A semaphore indicator is acceptable. It must illuminate when in operation, must not stick and is not required to flash.

HAZARD WARNING LAMPS

The tell-tale shall be a flashing light which may operate in conjunction with any direction indicator tell-tale.

Check that the hazard warning lamps for:

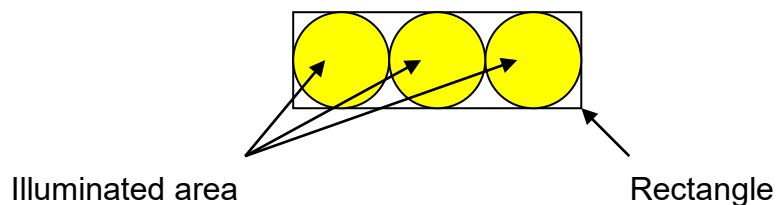
- operation with the engine stopped and the ignition switched off.
- all the direction indicator lamps operating simultaneously when switched on by one switch.
- presence of a tell-tale, its operation and it can be seen by the driver.

NOTES

Where **red-neutral direction indicator lenses** with an amber bulb are fitted, the assessment made must be against the colour of the light emitted not the colour of the lens.

Some vehicles are fitted with obligatory side marker lamps/indicator side repeater lamps, these remain illuminated when the side lights are switched on. This is not an RfF provided the lamp flashes when required. Some vehicles are fitted with side marker lamps which flash on the side the direction indicators are operated on, the indicators are not to be classed as interfering with the operation of the marker lamps, this is not an RfF.

If two or more lamps are fitted and the aggregated illuminated area occupies 60% or more of the area of the smallest rectangle circumscribing the illuminated area this should be treated as one lamp.



If more than one bulb or LED is fitted in the lamp at least 50% must work.

REASONS FOR FAILURE

| | Deficiency Category |
|--|---------------------|
| 1. Direction Indicator: | |
| a. Missing, inoperative, operating on the wrong side of a vehicle, not visible either to the front, side or to the rear | MAJOR |
| b. A lamp dim due to dirt or internal deterioration or with partially reduced light output. | MINOR |
| c. A lamp dim due to dirt or internal deterioration or with an obvious major reduction in light output. | MAJOR |
| d. Lens missing, insecure or damaged so that it is likely to fall apart | MAJOR |
| e. Lens insecure or damaged with no effect on light output. | MINOR |
| f. Lens missing, insecure or damaged so that it is likely to fall apart to such an extent that light output is obviously affected. | MAJOR |
| g. Does not flash at between 60 to 120 times per minute | MINOR |
| h. Does not show a light of the, right colour | MAJOR |
| i. Tell-tale not fitted, is inoperative or cannot be seen/heard by the driver | MINOR |
| j. Rate of flash or illumination is affected by any other lamp | MAJOR |
| k. A semaphore indicator sticking. | MAJOR |
| 2. A hazard warning device: | |
| a. Does not operate with the engine stopped and the ignition switched off and on. | MAJOR |
| b. Not fitted | MAJOR |
| c. Switch missing or faulty | MAJOR |
| d. Switch insecure | MINOR |
| e. All the direction indicator lamps do not operate simultaneously when switched on by one switch. | MINOR |

f. Tell-tale not fitted, is inoperative or cannot be seen by the driver.

MINOR