

Chapter 8

CHEVRON KITS

Chapter 8 of the Traffic Signs Manual (Traffic Safety Measures & Signs for Road Works & Temporary Situations 2006) was issued by the Department for Transport. It provides guidelines for companies operating on public highways on a whole range of issues - including High Visibility Markings.

Section five (5.2 & 5.5) outlines what conspicuous markings are needed on vehicles that intentionally stop for work purposes or inspections on fast moving public highways.

In addition to laying out specifications for the colour of the vehicle, (section 5.2.1), Chapter 8 also sets out the requirements for rear reflective markings on vehicles stopping on high speed roads, 40mph (5.2.3 & 5.5).



Who does it affect?

It affects any operator of large or small vehicles from HGV to road maintenance trucks, small vans and cars that intentionally stop for work purposes or inspections on high speed roads.

Are there different requirements for different types of vehicles?

Yes, but generally speaking all vehicles must be marked up.

Four marking options exist of which two refer to high visibility film markings. Whilst signing to diagram 7403 and an alternative light arrow sign are allowed on their own, it is generally accepted that high visibility film markings maximise the benefits associated with being seen.

In addition, Maintenance vehicles need to have a "HIGHWAYS MAINTENANCE" legend or "MOTORWAY MAINTENANCE" legend when working on motorways.

Also, in temporary traffic management situations, inspection, supervisory, traffic management and maintenance vehicles require a HIGHWAY MAINTENANCE sign (externally mounted on the rear of the vehicle) to be applied.

Where do the markings need to be?

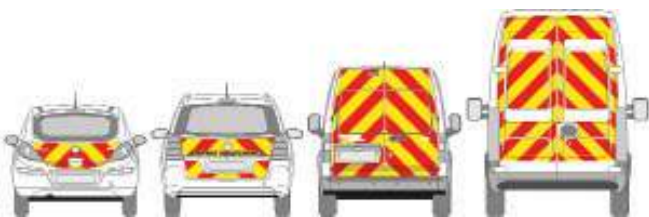
The high visibility film markings have to be on the rear of the vehicle. They should comprise of either;

1. chevron markings comprising alternate strips of red retro-reflective material and fluorescent yellow non retro-reflective material of not less than 150mm width each, inclined at 45-60° to the horizontal and pointing upwards, or
2. a solid block of red retro reflective material.

The markings should cover as much of the rear-facing portion of the vehicle as possible without obscuring windows, vehicle lighting or registration plates.

Retro-reflective material specified to Class R3B must be used for vehicles which operate on high-speed roads (40mph+), although its use is recommended for all UK roads.

The illustrations below show how different vehicles are marked up correctly with high visibility tape.



Red retro-reflective tape shall also be applied to all rear-facing edges of doors, guardrails and equipment lockers.



Which material is recommended?

We are recommending that any material used for the red markings should be compliant with R3B regulatory standards. This will ensure maximum visibility and performance.

Same day dispatch on standard kits when ordered before 12pm.

Did you know we offer Chevron Kits with air release technology?

Contact us to find out more



Where can I get advice?

A Smith Sign and Display team member can offer you advice, please call us on 01833 694700. You can also visit the Department for Transport website at www.dft.gov.uk.

This product card is advisory only and relates to section five of Chapter 8 - General Vehicle Issues. To download a full copy of the document visit the Department for Transport website www.dft.gov.uk

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