

REVERSE LIGHTS

The following document has been prepared by TCS to provide guidance to vehicle modifiers when installing a body onto a vehicle.

These guidelines are supplied without prejudice and TCS will not be held liable for any problems that arise from misinterpretation of these guidelines or from the introduction of new rules after the issue date of these guidelines. The following documents should be read in conjunction with these guidelines:

1. Vehicle Standard (Australian Design Rule 13/00 – Installation of Lighting and Light Signalling Devices on other than L-Group Vehicle) 2005
2. Vehicle Standard (Australian Design Rule 1/00 – Reversing Lamps) 2005

All modifications must be carried out by a suitably qualified tradesperson in accordance with the relevant Australian Design Rules, Australian Standards and National Codes of Practice. Any uncertainties should be discussed with TCS prior to commencing the modification.

If the overall length of a commercial vehicle exceeds 6.0m, two reverse lights must be installed.

- This requirement **still** applies if the cab chassis was only fitted with one reverse light when supplied by the OEM
- Both reverse lights must comply with ADR 1/00 or UNECE Regulation No. 23

This requirement is stipulated in clause 6.4.2.2 of ADR 13/00 which states 'two [reverse lamps] mandatory...on all vehicles with a length exceeding 6,000mm'.

There is 'no special requirement' (clause 6.4.4.1) for the lateral location of the lights, but:

- they must be installed 'at the rear of the vehicle' (clause 6.4.4.3) and
- at a height that is 'not less than 250mm and not more than 1,200mm above the ground' (clause 6.4.4.2) and
- they must be visible from the rear of the vehicle at an angle of 15° upwards from the horizontal plane and 5° downwards from the horizontal plane (clause 6.4.5) and
- they must be visible from the rear of the vehicle at an angle of 45° outwards and 30° inwards if there are two devices (clause 6.4.5)

TCS cannot issue a modification certificate to a finished vehicle greater than 6.0m in length if the above requirements have not been met.