



Vehicle Standard (Australian Design Rule) Vehicle Lighting Amendment 2025

I, XXX XXX, Minister for XXX, make the following determination.

Dated

[DRAFT FOR CONSULTATION]

XXX

XXX

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1. NAME

- 1.1. This instrument is the Vehicle Standard (Australian Design Rule) Vehicle Lighting Amendment 2025.

2. COMMENCEMENT

- 2.1. This instrument commences on the day after it is registered.

3. AUTHORITY

- 3.1. This instrument is made under section 12 of the *Road Vehicle Standards Act 2018*.

4. SCHEDULES

- 4.1. Each instrument that is specified in a Schedule to this instrument is amended as set out in the applicable items in the Schedule concerned, and any other item in a Schedule to this instrument has effect according to its terms.

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SCHEDULE 1 – AMENDMENTS**Vehicle Standard (Australian Design Rule 13/00 – Installation of Lighting and Light Signalling Devices on other than L-Group Vehicles) 2005**

[1] Clause 7.7, repeal the clause, substitute:

7.7. References to UN regulations for lighting components in the table below are to be read as references to the ADRs as set out in the table below.

UN R 48 Paragraph	Title	UN R/s it references	Equivalent ADR/s
6.1.	Main-Beam Headlamps	Regulations Nos. 98 or 112	46/00, 77/00 and 103/00
6.2.	Dipped-Beam Headlamps	Regulations Nos. 98 or 112	46/00, 77/00 and 103/00
6.2.9.	Other requirements (Headlamp Cleaners)	Regulation No. 45	75/00
6.3.	Front Fog Lamps	Regulation No. 19	50/00 and 103/00
6.4.	Reversing Lamp	Regulation No. 23	1/00 and 102/00
6.5.	Direction Indicator Lamp	Regulation No. 6	6/00 and 102/00
6.7.	Stop Lamp	Regulation No. 7	49/00 and 102/00
6.8.	Rear Registration Plate Lamp	Regulation No. 4	48/00 and 102/00
6.9.	Front Position Lamp	Regulation No. 7	49/00 and 102/00
6.10.	Rear Position Lamp	Regulation No. 7	49/00 and 102/00
6.11.	Rear Fog Lamp	Regulation No. 38	52/00 and 102/00
6.12.	Parking Lamp	Regulation No. 77 or 7	86/00 and 102/00

6.13.	End-Outline Marker Lamp	Regulation No. 7	49/00 and 102/00
6.14.	Rear Retro-reflector, non-triangular	Regulation No. 3	47/00 and 104/00
6.15.	Rear Retro-reflector, triangular	Regulation No. 3	47/00 and 104/00
6.16.	Front Retro-reflector, non-triangular	Regulation No. 3	47/00 and 104/00
6.17.	Side Retro-reflector, non-triangular	Regulation No. 3	47/00 and 104/00
6.18.	Side Marker Lamp	Regulation No. 91	74/00 and 102/00
6.19.	Daytime Running Lamp	Regulation No. 87	76/00 and 102/00
6.20.	Cornering Lamp	Regulation No. 119	87/00 and 103/00

[2] Insert a new clause 7.8 to read:

7.8 References to UN regulations for lighting components in the table below are to be read as references to the UN Regulations or the ADRs as set out in the table below.

UN R 48 Paragraph	Title	UN R/s it references	Equivalent ADR/s
6.21.	Conspicuity Markings	Regulation No. 104	104/00
6.22.	Adaptive Front lighting Systems	Regulation No. 123	103/00
6.26.	Manoeuvring lamps	Regulation No. 23	102/00

[3] Clause 8.2, repeal the clause, substitute:

8.2. Table 1 lists the colours and the relevant component lighting standards applicable for each type of lamp.

Table 1

LAMP	COLOUR OF EMITTED LIGHT	ADR/UN R
Main-beam headlamp	White	46/00, 77/00 or 103/00
Dipped-beam headlamp	White	46/00, 77/00 or 103/00
Front fog lamp	White or selective yellow	50/00 or 103/00
Reversing lamp	White	1/00 or 102/00
Direction-indicator lamp	Amber	6/00 or 102/00
Hazard warning signal	Amber	6/00 or 102/00
Stop lamp	Red	49/00 or 102/00
Centre high-mounted stop lamp	Red	49/00 or 60/00 or 102/00

Emergency stop signal	Amber or red	6/00, 49/00, 60/00 or 102/00
Rear-end collision alert signal	Amber	6/00 or 102/00
Rear registration plate lamp	White	48/00 or 102/00
Front position lamp	White. The front position lamp may be amber in colour if the lamp is “combined” with a “Side Marker Lamp” as defined in paragraph 2.7.5 of Appendix A to this vehicle standard, or when fitted to a TD (04) category trailer.	49/00 or 102/00
Rear position lamp	Red	49/00 or 102/00
Rear fog lamp	Red	52/00 or 102/00
Parking lamp	White in front, red at the rear, amber if reciprocally incorporated with side – direction-indicators or side marker lamps.	6/00, 49/00 or 102/00
Side-marker lamp	Amber to the front, red to the rear. For side-marker lamps complying with ADR 74/00 and fitted according to paragraph 6.18 of Appendix A of this vehicle standard, the lamp must emit amber light to the front and rear except for the rearmost lamp, which may emit red light.	45/01, 74/00 or 102/00
End-outline marker lamp	White or amber to the front, red to the rear.	49/00 or 102/00
Daytime running lamp	White	76/00 or 102/00
Rear retro-reflector, non-triangular	Red	47/00 or 104/00
Rear retro-reflector, triangular	Red	47/00 or 104/00
Front retro-reflector, non-triangular	Incidental to incident light (also known as white or colourless retro-reflector).	47/00 or 104/00
Side retro-reflector, non-triangular	Amber: however the rearmost side retro-reflector can be red if it is grouped or has part of the light emitting surface in common with the rear position lamp, the rear end-outline marker lamp, the rear fog lamp, the stop lamp, the red rearmost side-marker lamp or the rear retro-reflector, non-triangular.	47/00 or 104/00
Conspicuity marking	White to the front, white or yellow to the side, red or yellow to the rear.	UN R 104 or ADR 104/00
Adaptive Front lighting Systems	White	UN R 123 or ADR 103/00
Exterior courtesy lamp	White	-
External cabin lamp:	Amber	45/01
Manoeuvring lamp	White	UN R 23 or ADR 102/00

SCHEDULE 2 – AMENDMENTS**Vehicle Standard (Australian Design Rule 19/02 – Installation of Lighting and Light Signalling Devices on L-Group Vehicles) 2005**

[1] Clause 9.4, repeal the clause, substitute:

9.4. The colour of light emitted by lamps referred to in this national standard must be as specified in Table 1.

Table 1

Lamp	Colour of emitted light	ADR
Driving (main-beam) lamp	White	46/00, 55/00 or 103/00
Passing (dipped-beam) lamp	White	46/00, 54/00 (mopeds), 55/00 or 103/00
Direction-indicator lamp	Amber	6/00, 53/00, 102/00
Stop lamp	Red	49/00, 53/00, or 102/00
Rear registration plate illuminating device	White	53/00 or 102/00
Front position lamp	White	49/00, 53/00 or 102/00
Rear position lamp	Red	49/00, 53/00 or 102/00
Rear retro-reflector, non-triangular	Red	47/00 or 104/00
Side retro-reflector, non-triangular	Amber	47/00 or 104/00
Vehicle-hazard warning signal	Amber	53/00, 6/00 or 102/00
Front fog lamp	White or yellow	50/00 or 103/00
Rear fog lamp	Red	52/00 or 102/00
Front retro-reflector, non-triangular	Identical to incident light	47/00 or 104/00
Reversing lamp	(rear) white	1/00 or 102/00
Parking lamp	White, red or amber	86/00, 49/00, 53/00 or 102/00

SCHEDULE 3 – AMENDMENTS**Vehicle Standard (Australian Design Rule 19/01 – Installation of Lighting and Light Signalling Devices on L-Group Vehicles) 2007**

[1] Clause 6.4, repeal the clause, substitute:

6.4. The colour of light emitted by lamps referred to in this national standard must be as specified in Table 1.

Table 1

Lamp	Colour of emitted light	ADR
Driving (main-beam) lamp	White	46/00, 55/00 or 103/00
Passing (dipped-beam) lamp	White	46/00, 54/00 (mopeds), 55/00 or 103/00
Direction-indicator lamp	Amber	6/00, 53/00, 102/00
Stop lamp	Red	49/00, 53/00, or 102/00
Rear registration plate illuminating device	White	53/00 or 102/00
Front position lamp	White	49/00, 53/00 or 102/00
Rear position lamp	Red	49/00, 53/00 or 102/00
Rear retro-reflector, non-triangular	Red	47/00 or 104/00
Side retro-reflector, non-triangular	Amber	47/00 or 104/00
Vehicle-hazard warning signal	Amber	53/00, 6/00 or 102/00
Front fog lamp	White or yellow	50/00 or 103/00
Rear fog lamp	Red	52/00 or 102/00
Front retro-reflector, non-triangular	Identical to incident light	47/00 or 104/00
Reversing lamp	(rear) white	1/00 or 102/00
Internal lamp	Any colour	None
Search lamp	White	None
Parking lamp (rear)	Red	49/00, 53/00 or 102/00

SCHEDULE 4 – AMENDMENTS**Vehicle Standard (Australian Design Rule 67/00 – Installation of Lighting and Light Signalling Devices on Three-Wheeled Vehicles) 2006**

- [1] Clause 7.1.1.1., omit “ADR 55/... or ADR 46/...;”, substitute “ADR 55/... or ADR 46/... or ADR 103/...;”.
- [2] Clause 7.1.1.2., omit “ADR 46/...;”, substitute “ADR 46/... or ADR 103/...;”.
- [3] Clause 7.2.1.1., omit “ADR 55/... or ADR 46/...;”, substitute “ADR 55/... or ADR 46/... or ADR 103/...;”.
- [4] Clause 7.2.1.2., omit “ADR 46/...;”, substitute “ADR 46/... or ADR 103/...;”.
- [5] Clause 7.2.1.3., omit “ADR 54/... or ADR 46/...;”, substitute “ADR 54/... or ADR 46/... or ADR 103/...;”.
- [6] Clause 7.3.2.1.1., omit “ADR 53/... or category 1 as specified in ADR 6/...”, substitute “ADR 53/... or category 1 as specified in ADR 6/... or ADR 102/...;”.
- [7] Clause 7.3.2.1.2., omit “ADR 53/... or category 2 as specified in ADR 6/...”, substitute “ADR 53/... or category 2 as specified in ADR 6/... or ADR 102/...;”.
- [8] Clause 7.3.2.2.1., omit “ADR 53/... or category 1 as specified in ADR 6/...”, substitute “ADR 53/... or category 1 as specified in ADR 6/... or ADR 102/...;”.
- [9] Clause 7.3.2.2.2., omit “ADR 53/... or category 2 as specified in ADR 6/...”, substitute “ADR 53/... or category 2 as specified in ADR 6/... or ADR 102/...;”.
- [10] Clause 7.3.2.2.3., omit “category 5 as specified in ADR 6/...”, substitute “category 5 as specified in ADR 6/... or ADR 102/...;”.
- [11] Clause 7.3.2.3.1., omit “ADR 53/... or category 1 as specified in ADR 6/...”, substitute “ADR 53/... or category 1 as specified in ADR 6/... or ADR 102/...;”.
- [12] Clause 7.3.2.3.2., omit “ADR 53/... or category 2 as specified in ADR 6/...”, substitute “ADR 53/... or category 2 as specified in ADR 6/... or ADR 102/...;”.
- [13] Clause 7.3.2.3.3., omit “category 5 as specified in ADR 6/...”, substitute “category 5 as specified in ADR 6/... or ADR 102/...;”.
- [14] Clause 7.4.1.1., omit “ADR 53/...”, substitute “ADR 53/... or ADR 102/...”.
- [15] Clause 7.4.1.2., omit “ADR 53/... or ADR 49/...”, substitute “ADR 53/... or ADR 49/... or ADR 102/...”.
- [16] Clause 7.4.1.3., omit “ADR 49/...”, substitute “ADR 49/... or ADR 102/...”.
- [17] Clause 7.5.1.2., omit “ADR 53/...”, substitute “ADR 53/... or ADR 102/...”.
- [18] Clause 7.5.1.3., omit “ADR 48/...”, substitute “ADR 48/... or ADR 102/...”.
- [19] Clause 7.6.1.1.1., omit “ADR 53/...”, substitute “ADR 53/... or ADR 102/...”.
- [20] Clause 7.6.1.2.1., omit “ADR 49/...”, substitute “ADR 49/... or ADR 102/...”.
- [21] Clause 7.7.1.1., omit “ADR 53/...”, substitute “ADR 53/... or ADR 102/...”.
- [22] Clause 7.7.1.2., omit “ADR 53/... or ADR 49/...”, substitute “ADR 53/... or ADR 49/... or ADR 102/...”.
- [23] Clause 7.7.1.3., omit “ADR 49/...”, substitute “ADR 49/... or ADR 102/...”.

- [24] Clause 7.8.1.1., omit “ADR 47/...”, substitute “ADR 47/... or ADR 104/...”.
- [25] Clause 7.8.1.2., omit “ADR 47/...”, substitute “ADR 47/... or ADR 104/...”.
- [26] Clause 7.10.1.1., omit “ADR 50/...”, substitute “ADR 50/... or ADR 103/...”.
- [27] Clause 7.10.1.2., omit “ADR 50/...”, substitute “ADR 50/... or ADR 103/...”.
- [28] Clause 7.11.1.1., omit “ADR 52/...”, substitute “ADR 52/... or ADR 102/...”.
- [29] Clause 7.11.1.2., omit “ADR 52/...”, substitute “ADR 52/... or ADR 102/...”.
- [30] Clause 7.12.1., omit “ADR 47/...”, substitute “ADR 47/... or ADR 104/...”.
- [31] Clause 7.13.2.1.1., insert “ or ADR 102/...”.
- [32] Clause 7.13.2.1.2., insert “ or ADR 102/...”.
- [33] Clause 7.13.2.2.1., insert “ or ADR 102/...”.
- [34] Clause 7.13.2.2.2., insert “ or ADR 102/...”.
- [35] Clause 7.14.1., insert “ or ADR 102/...”.
- [36] Clause 7.15.1.1., omit “ADR 47/...”, substitute “ADR 47/... or ADR 104/...”.
- [37] Clause 7.15.1.2., omit “ADR 47/...”, substitute “ADR 47/... or ADR 104/...”.
- [38] Clause 7.16.1., insert “ or ADR 103/...”.
- [39] Clause 7.17.2., omit “ADR 74/...”, substitute “ADR 74/... or ADR 102/...”.
- [40] Clause 7.18.2., insert “ or ADR 102/...”.
- [41] Clause 7.19.1.1., insert “ or ADR 102/...”.
- [42] Clause 7.19.2.1., insert “ or ADR 102/...”.