

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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## Name

* 1. This instrument is the Vehicle Standard (Australian Design Rule) Vehicle Lighting Amendment 2025.

## Commencement

* 1. This instrument commences on the day after it is registered.

## Authority

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

## Schedules

* 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.

### 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 |

1. 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 |

1. 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/…”.