



Australian Government

Department of Infrastructure, Transport,  
Regional Development, Communications and the Arts

ROAD VEHICLE STANDARDS

# L – CATEGORY

# TWO AND THREE WHEELED VEHICLES

## APPLICABILITY SUMMARY

## AUSTRALIAN DESIGN RULES

VERSION 2.0 – MAY 2023

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A guide to the applicability of the Australian Design Rules (ADRs) in force for L – Category Vehicles – Two and Three Wheeled Vehicles

1. **The table is for guidance only. Users must refer to the relevant standard for the circumstances under which the standard is mandatory or optional.**
  
2. The Table shows the national road vehicle standards (Australian Design Rules, listed as **ADR No.**) currently in force for new model vehicles and the vehicle categories to which they are applicable, as at the date this Applicability Summary is published (see footer). This table provides a quick overview to:
  - a. the **Date** on which each of the national road vehicle standards have or will come into force and the **Vehicle Categories** to which they will be applicable. New standards yet to commence are highlighted light green;
  - b. applicable earlier revisions of the national standards that may be accepted as equivalent to the standards in force for new model vehicles (refer to each relevant standard’s list of acceptable prior rules); and
  - c. the national road vehicle standards that have been superseded by other standards with a different number series (light yellow highlighted) or withdrawn with no direct replacement (light red highlighted).
  
3. Australian Design Rule (ADR) notation:
  - a. ADR X/00 indicates the original version of ADR X.
  - b. ADR X/01 indicates the first revised version of a standard where the amendment increases in stringency, includes additional vehicle categories, or changes content significantly. ADR X/02 is the second revision, and so on.
  - c. ADR X/..., the ellipsis ... indicates the applicable version(s) of the ADR in force at the time.
  
4. Vehicle Category Codes:
  - a. Codes for vehicle categories and definitions are in **ADR Definitions and Vehicle Categories** and the ADR can be viewed here - <https://www.legislation.gov.au/Series/F2005L03850>.
  - b. **LA - MOPED - 2 Wheels** - A 2-wheeled motor vehicle, not being a power-assisted pedal cycle, with an engine cylinder capacity not exceeding 50 ml and a ‘Maximum Motor Cycle Speed’ not exceeding 50 km/h; or a 2-wheeled motor vehicle with a power source other than a piston engine and a ‘Maximum Motor Cycle Speed’ not exceeding 50 km/h.
  - c. **LB - MOPED - 3 Wheels** - A 3-wheeled motor vehicle, not being a power-assisted pedal cycle, with an engine cylinder capacity not exceeding 50 ml and a ‘Maximum Motor Cycle Speed’ not exceeding 50 km/h; or a 3-wheeled motor vehicle with a power source other than a piston engine and a ‘Maximum Motor Cycle Speed’ not exceeding 50 km/h.
  - d. **LC - MOTOR CYCLE** - A 2-wheeled motor vehicle with an engine cylinder capacity exceeding 50 ml or a ‘Maximum Motor Cycle Speed’ exceeding 50 km/h.
  - e. **LE - MOTOR TRICYCLE** - A motor vehicle with 3 wheels symmetrically arranged in relation to the longitudinal median axis, with a ‘Gross Vehicle Mass’ not exceeding 1.0 tonne and either an engine cylinder capacity exceeding 50 ml or a ‘Maximum Motor cycle Speed’ exceeding 50 km/h.
  - f. The United Nations (UN) Vehicle Category Codes are also shown in brackets below the ADR category.
  
5. Symbols used in the Table:
 

*Symbol Meaning*

X    Applicable.

N/A   Not Applicable

\*\*    Application date may be different for category types. See relevant standard for details.
  
6. In addition to the above national standards, **ADR – Harmonisation**, facilitates the automatic acceptance of the latest version of UN regulations that have been adopted as alternative standards within the ADRs and have been ‘applied’ by Australia under the UN 1958 Agreement. The ADR can be viewed here - <https://www.legislation.gov.au/Series/F2012L00336>.

Australian Design Rule			Vehicle Category Code – Two and Three Wheeled Vehicles							
ADR No.	Date	ADR Short Title	LA (L1)	LB (L2)	LC (L3)	LD (L4)	LE (L5)	LEM (L5)	LEP (L5)	LEG (L5)
1/00	01/10/91	Reversing Lamps	The circumstances are set out in ADRs 19/... or 67/...							
2/00	01/03/91	Side Door Latches and Hinges							X	X
2/01	01/07/08	Side Door Latches and Hinges							X	X
3/00	NA	Seats and Seat Anchorages								
3/01	01/01/91	Seats and Seat Anchorages							X	1/7/92
3/02	01/03/95	Seats and Seat Anchorages							X	X
3/03	01/07/08	Seats and Seat Anchorages							X	X
3/04	01/11/19	Seats and Seat Anchorages							X	X
4/00	N/A	Seatbelts								
4/01	01/03/91	Seatbelts							X	1/7/92
4/02	01/07/96	Seatbelts							X	X
4/03	01/01/00	Seatbelts							X	X
4/04	01/07/08	Seatbelts							X	X
4/05	01/07/13	Seatbelts							X	X
4/06	01/07/19	Seatbelts							X	X
5/00	N/A	Anchorage for Seatbelts								
5/01	N/A	Anchorage for Seatbelts								
5/02	01/03/91	Anchorage for Seatbelts							X	1/7/92
5/03	01/07/96	Anchorage for Seatbelts							X	X
5/04	01/01/00	Anchorage for Seatbelts							X	X
5/05	01/07/08	Anchorage for Seatbelts							X	X
5/06	01/07/19	Anchorage for Seatbelts							X	X
6/00	01/10/91	Direction Indicators	The circumstances are set out in ADRs 19/... or 67/... **							
7/00	01/07/88	Hydraulic Brake Hoses	X	X	X	X	X			
		This standard has been superseded by requirements in ADR 42/... from 9 December 2003								
8/00	01/07/88	Safety Glazing Material	X	1/3/91	X	X	1/3/91			
8/01	01/03/94	Safety Glazing Material	X	X	X	X	X			
9/00		Not used								

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ADR No.	Date	ADR Short Title	LA (L1)	LB (L2)	LC (L3)	LD (L4)	LE (L5)	LEM (L5)	LEP (L5)	LEG (L5)
10/00	N/A	Steering Column								
10/01	01/07/92	Steering Column							X	X
10/02	01/01/10	Steering Column							X	X
11/00	01/03/91	Internal Sun Visors							X	1/7/92
12/00	01/03/91	Glare Reduction in Field of View							X	1/7/92
		This standard ceased to have effect on new vehicles as from 9 December 2003								
13/00	N/A	Installation of Lighting and Light-Signalling Devices on other than L-Group Vehicles								
14/00	01/07/88	Rear Vision Mirrors	X	X	X	X	X			
14/01	01/03/91	Rear Vision Mirrors	X	X	X	X	X			
14/02	01/07/92	Rear Vision Mirrors	1/3/93	1/3/93	1/3/93	1/3/93		1/3/93	X	X
15/00	01/03/91	Demisting of Windscreen					X			
		This standard has been superseded by requirements in ADR 42/... from 9 December 2003								
15/01	01/07/92	Demisting of Windscreen							X	X
		This standard has been superseded by requirements in ADR 42/... from 9 December 2003								
16/00	01/03/91	Windscreen Wipers and Washers					X			
		This standard has been superseded by requirements in ADR 42/... from 9 December 2003								
16/01	01/07/92	Windscreen Wipers and Washers						01/3/93	X	X
		This standard has been superseded by requirements in ADR 42/... from 9 December 2003								
17/00	N/A	Fuel System								
		This standard ceased to have effect on new vehicles as from 2 August 2005								
18/00	01/07/88	Instrumentation			X	X	1/3/91			
18/01	01/07/92	Instrumentation			1/3/93	1/3/93		1/3/93	X	X
18/02	01/07/95	Instrumentation			X	X		X	X	X
18/03	01/07/06	Instrumentation			X	X	X			
19/00	01/10/91	Installation of Lighting and Light-Signalling Devices on L-Group Vehicles	X	X	X	X	X			
19/01	01/03/92	Installation of Lighting and Light-Signalling Devices on L-Group Vehicles	X	X	X	X	X			

Australian Design Rule			Vehicle Category Code – Two and Three Wheeled Vehicles							
ADR No.	Date	ADR Short Title	LA (L1)	LB (L2)	LC (L3)	LD (L4)	LE (L5)	LEM (L5)	LEP (L5)	LEG (L5)
19/02	01/01/97	Installation of Lighting and Light-Signalling Devices on L-Group Vehicles	X	X	X	X	X			
20/00	01/07/92	Safety Rims							X	X
This standard ceased to have effect on new vehicles as from 9 December 2003										
21/00	01/03/91	Instrument Panel						X	X	X
22/00	01/03/91	Head Restraints							X	X
23/00	N/A	Passenger Car Tyres								
23/01	01/07/92	Passenger Car Tyres							X	X
23/02	01/07/09	Passenger Car Tyres							X	X
23/03	N/A	Passenger Car Tyres								
24/00	01/07/88	Tyre & Rim Selection	X		X	X				
This standard has been superseded by requirements in ADR 42/... from 9 December 2003										
24/01	01/07/92	Tyre & Rim Selection	X	X	X	X	X			
This standard has been superseded by requirements in ADR 42/... from 9 December 2003										
24/02	01/07/92	Tyre & Rim Selection	1/3/93	1/3/93	1/0/93	1/3/93		1/3/93	X	X
This standard has been superseded by requirements in ADR 42/... from 9 December 2003										
25/00	N/A	Anti-Theft Lock								
25/01	N/A	Anti-Theft Lock								
25/02	01/07/92	Anti-Theft Lock							X	X
26/00		Not used								
27/00		Not used								
28/00	01/07/92	External Noise of Motor Vehicles							X	X
This standard ceased to have effect for new vehicles as from 1 October 2006.										
28/01	N/A	External Noise of Motor Vehicles								
This standard has been superseded by ADR 83/... for new models as from 1 October 2006										
29/00	01/07/92	Side Door Strength							X	
30/00	01/07/88	Smoke Emission Control for Diesel Vehicles	X	1/3/91	X	X	1/3/91			
This standard ceased to have effect for new vehicles as from 1 October 2006.										
30/01	N/A	Smoke Emission Control for Diesel Vehicles								
31/00	01/07/92	Brake Systems for Passenger Cars							X	
31/01	04/02/10	Brake Systems for Passenger Cars							X	

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ADR No.	Date	ADR Short Title	LA (L1)	LB (L2)	LC (L3)	LD (L4)	LE (L5)	LEM (L5)	LEP (L5)	LEG (L5)
31/02	01/11/11	Brake Systems for Passenger Cars							X	
31/03	01/11/15	Brake Systems for Passenger Cars							X	
31/04	01/07/19	Brake Systems for Passenger Cars							X	
32/00		Not used								
33/00	01/07/88	Brake Systems for Motorcycles and Mopeds	X	1/3/91	X	X		1/7/92	1/7/92	1/7/92
33/01	1/11/19	Brake Systems for Motorcycles and Mopeds	X	X	X	X		X	X	X
34/00	01/01/93	Child Restraint Anchorages and Child Restraint Anchor Fittings							X	
34/01	01/01/95	Child Restraint Anchorages and Child Restraint Anchor Fittings							X	
34/02	01/11/12	Child Restraint Anchorages and Child Restraint Anchor Fittings							X	
34/03	01/11/19	Child Restraint Anchorages and Child Restraint Anchor Fittings							X	
35/00	01/07/92	Commercial Vehicle Brake Systems								X
35/01	01/07/98	Commercial Vehicle Brake Systems								X
35/02	01/01/09	Commercial Vehicle Brake Systems								X
35/03	01/11/11	Commercial Vehicle Brake Systems								X
35/04	01/07/14	Commercial Vehicle Brake Systems								X
35/05	01/11/15	Commercial Vehicle Brake Systems								X
35/06	01/07/19	Commercial Vehicle Brake Systems								X
35/07	01/11/23	Commercial Vehicle Brake Systems								X
36/00	N/A	Exhaust Emission Control for Heavy Vehicles								
This standard has been superseded by ADR 80/... as from 1 October 2006										

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ADR No.	Date	ADR Short Title	LA (L1)	LB (L2)	LC (L3)	LD (L4)	LE (L5)	LEM (L5)	LEP (L5)	LEG (L5)
37/00	01/07/92	Exhaust Emission Control for Light Vehicles							X	X
		This standard has been superseded by ADR 79/... for new vehicles as from 1 October 2006.								
37/01	01/07/97	Exhaust Emission Control for Light Vehicles							X	1/7/98
		This standard has been superseded by ADR 79/... as from 1 October 2006								
38/00	N/A	Trailer Braking Systems								
38/01	N/A	Trailer Braking Systems								
38/02	N/A	Trailer Braking Systems								
38/03	N/A	Trailer Braking Systems								
38/04	N/A	Trailer Braking Systems								
38/05	N/A	Trailer Braking Systems								
39/00	01/07/88	External Noise of Motor Cycles			X	X		X		
		This standard has been superseded by ADR 83/... as from 1 October 2006								
40/00		Not used								
41/00	01/07/88	Mandatory Operation on Unleaded Petrol	X	1/3/91	X	X	1/3/91			
		This standard ceased to have effect on new vehicles as from 13 February 2001								
42/00	01/07/88	General Safety Requirements	X	1/3/91	X	X	1/3/91			
42/01	01/03/91	General Safety Requirements	X	X	X	X	X			
42/02	01/07/92	General Safety Requirements	1/3/93	1/3/93	1/3/93	1/3/93	X			
42/03	01/03/98	General Safety Requirements	X	X	X	X	X			
42/04	01/01/05	General Safety Requirements	X	X	X	X	X			
42/05	01/07/19	General Safety Requirements	X	X	X	X	X	X	X	X
43/00	01/07/88	Vehicle Configuration & Dimensions	X	1/3/91	X	X	1/3/91			
43/01	01/01/89	Vehicle Configuration & Dimensions	X	1/3/91	X	X	1/3/91			
43/02	01/03/92	Vehicle Configuration & Dimensions	X	X	X	X	X			
43/03	01/03/94	Vehicle Configuration & Dimensions	X	X	X	X	X			
43/04	01/03/98	Vehicle Configuration & Dimensions	X	X	X	X	X			
44/00	01/07/88	Specific Purpose Vehicles	X	1/3/91	X	X	1/3/91			

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ADR No.	Date	ADR Short Title	LA (L1)	LB (L2)	LC (L3)	LD (L4)	LE (L5)	LEM (L5)	LEP (L5)	LEG (L5)
44/01	01/03/92	Specific Purpose Vehicles	X	X	X	X	X			
44/02	01/03/93	Specific Purpose Vehicles	X	X	X	X	X	X	X	X
45/00	01/10/91	Lighting & Light-Signalling Devices not covered by ECE Regulations	The circumstances are set out in ADRs 19/... or 67/... **							
45/01	01/03/92	Lighting & Light-Signalling Devices not covered by ECE Regulations	The circumstances are set out in ADRs 19/... or 67/... **							
46/00	10/10/91	Headlamps	The circumstances are set out in ADRs 19/... or 67/... **							
47/00	01/10/91	Retroreflectors	The circumstances are set out in ADRs 19/... or 67/... **							
48/00	01/10/91	Devices for Illumination of Rear Registration Plates	See ADRs 19/... or 67/... **							
49/00	01/07/92	Front and Rear Position (Side) Lamps, Stop Lamps and End-outline Marker Lamps	See ADRs 19/... or 67/... **							
50/00	01/10/91	Front Fog Lamps	The circumstances are set out in ADRs 19/... or 67/... **							
51/00	13/12/89	Filament Lamps	The circumstances are set out in ADRs 19/... or 67/... **							
52/00	01/10/91	Rear Fog Lamps	The circumstances are set out in ADRs 19/... or 67/... **							
53/00	01/10/91	Front and Rear Position (Side) Lamps, Stop Lamps and End-outline Marker Lamps for L-Group Vehicle	The circumstances are set out in ADRs 19/... or 67/... **							
54/00	01/10/91	Headlamps for Mopeds	The circumstances are set out in ADRs 19/... or 67/...							
55/00	01/10/91	Headlamps for L-Group Vehicles other than Mopeds	The circumstances are set out in ADRs 19/... or 67/... **							
56/00	01/07/88	Moped Noise	X	X						
			This standard has been superseded by ADR 83/... as from 1 October 2006							
57/00	01/07/88	Special Requirements for L-Group Vehicles	X		X	X				
58/00	N/A	Requirements for Omnibuses Designed for Hire and Reward								
59/00	N/A	Standards for Omnibus Rollover Strength								
60/00	01/03/91	Centre High Mounted Stop Lamp							**	



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ADR No.	Date	ADR Short Title	LA (L1)	LB (L2)	LC (L3)	LD (L4)	LE (L5)	LEM (L5)	LEP (L5)	LEG (L5)
61/00	01/03/92	Vehicle Marking	X	X	X	X	X			
61/01	01/03/93	Vehicle Marking	X	X	X	X	X			
61/02	01/07/95	Vehicle Marking	X	X	X	X	X			
61/03	01/07/21	Vehicle Marking	X	X	X	X	X			
62/00	01/03/92	Mechanical Connections Between Vehicles	X	X	X	X	X			
62/01	01/03/98	Mechanical Connections Between Vehicles	X	X	X	X	X			
62/02	01/01/09	Mechanical Connections Between Vehicles	X	X	X	X		X	X	X
63/00	N/A	Trailers Designed for Use in Road Train								
64/00	N/A	Heavy Goods Vehicles Designed for Use in Road Train and B-Doubles								
65/00	N/A	Maximum Road Speed Limiting for Heavy Goods Vehicles and Heavy Omnibuses								
66/00	N/A	Seat Strength, Seat Anchorage Strength and Padding in Omnibuses								
		This standard has been superseded by ADR 68/... for MD3 & MD4 as from 1 July 1995 and ME as from 1 July 1994								
67/00	01/07/92	Installation of Lighting and Light-Signalling Devices on Three-Wheeled Vehicles		X			X			
68/00	N/A	Occupant Protection in Buses								
69/00	N/A	Full Frontal Impact Occupant Protection								
70/00	01/01/95	Exhaust Emission Control for Diesel Engined Vehicles							X	1/7/95
		This standard has been superseded by ADR 79/... for light vehicles and by ADR 80/... for heavy vehicles as from 1 October 2006								
71/00	N/A	Temporary Use Spare Tyres	This standard ceased to have effect for new vehicles as from 9 December 2003							
72/00	N/A	Dynamic Side Impact Occupant Protection								
73/00	N/A	Offset Frontal Impact Occupant Protection								
74/00	15/07/00	Side Marker Lamps	See ADR 67/... **							

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75/00	15/07/00	Headlamp Cleaners	The circumstances are set out in ADRs 19/... or 67/... **							
76/00	15/07/00	Daytime Running Lamps	The circumstances are set out in ADRs 19/... or 67/... **							
77/00	15/07/00	Gas Discharge Headlamps	The circumstances are set out in ADRs 19/... or 67/... **							
78/00	15/07/00	Gas Discharge Light Sources	The circumstances are set out in ADRs 19/... or 67/... **							
79/00	N/A	Emission Control for Light Vehicles								
79/01	N/A	Emission Control for Light Vehicles								
79/02	N/A	Emission Control for Light Vehicles								
79/03	N/A	Emission Control for Light Vehicles								
79/04	N/A	Emission Control for Light Vehicles								
80/00	N/A	Emission Control for Heavy Vehicles								
80/01	N/A	Emission Control for Heavy Vehicles								
80/02	N/A	Emission Control for Heavy Vehicles								
80/03	N/A	Emission Control for Heavy Vehicles								
80/04	N/A	Emission Control for Heavy Vehicles								
81/00	N/A	Fuel Consumption Labelling for Light Vehicles								
81/01	N/A	Fuel Consumption Labelling for Light Vehicles								
81/02	N/A	Fuel Consumption Labelling for Light Vehicles								
82/00	N/A	Engine Immobilisers								
83/00	01/01/05	External Noise	X	X	X	X	X			
84/00	N/A	Front Underrun Impact Protection								
85/00	N/A	Pole Side Impact Performance								
86/00	N/A	Parking Lamps	The circumstances are set out in ADR19/... or 67/...							
87/00	N/A	Cornering Lamps	The circumstances are set out in ADR 67/...							
88/00	N/A	Electronic Stability Control (ESC) Systems								

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ADR No.	Date	ADR Short Title	LA (L1)	LB (L2)	LC (L3)	LD (L4)	LE (L5)	LEM (L5)	LEP (L5)	LEG (L5)
89/00	N/A	Brake Assist Systems (BAS)								
90/00	01/07/19	Steering System		X		X	X	X	X	X
91/00	N/A	Rear Underrun Impact Protection								
92/00	01/07/19	External Projections	X	X	X	X	X	X	X	X
93/00	01/07/19	Forward Field of View	X	X	X	X	X	X	X	X
94/00	01/07/19	Audible Warning	X	X	X	X	X	X	X	X
95/00	01/07/19	Installation of Tyres	X	X	X	X	X	X	X	X
96/00	N/A	Commercial Vehicle Tyres								
97/00	N/A	Advanced Emergency Braking for Omnibuses, and Medium and Heavy Goods Vehicles								
98/00	N/A	Advanced Emergency Braking for Passenger Vehicles and Light Goods Vehicles								
98/01	N/A	Advanced Emergency Braking for Passenger Vehicles and Light Goods Vehicles								

#### L Category – Two and Three Wheeled Vehicles – Applicability Summary – history and versions

Version	Date	Reason for update
2.1	July 2023	Fixed typo in table heading row
2.0	May 2023	Addition of new ADRs and major reformat.
1.0	January 2020	-