Vehicle Standard (Australian Design Rule) Amendment Instrument 2021 (No.1)

I, KEVIN HOGAN, Assistant Minister to the Deputy Prime Minister make the following determination.

13/4/21
Dated

[SIGNED]

Kevin Hogan
Assistant Minister to the Deputy Prime Minister

1. Name

This is the Vehicle Standard (Australian Design Rule) Amendment Instrument 2021 (No.1).

2. Commencement

This instrument commences at the start of the day after it is registered on the Federal Register of Legislation.

Note: The Federal Register of Legislation may be accessed free of charge at www.legislation.gov.au.

3. Authority

This instrument is made under section 7 of the *Motor Vehicle Standards Act 1989*.

4. Schedules

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

Schedule 1 – Amendment

Vehicle Standard (Australian Design Rule 2/00 - Side Door Latches and Hinges) 2006

1. **Clause 2.2, Requirements**

Omit:

2.1.0. Side door components referred to herein shall comply with this Rule if any portion of a 90-percentile 2-dimensional manikin as described in the SAE document J826, "Manikins For Use In Defining Vehicle Seating Accommodation", November 1962, or 95 percentile as per SAE document J826a, August 1970, at the discretion of the '*Manufacturer'* when positioned at any '*Seating Reference Point'*, projects into the door opening area on the side elevation or profile view. Components on folding doors, roll-up doors and on doors that are designed to be easily attached to or removed, without the aid of tools, from motor vehicles manufactured for operation without doors need not comply with this Rule.

Substitute:

2.2.0. Side door components referred to herein shall comply with this Rule if any portion of a 90-percentile 2-dimensional manikin as described in the SAE document J826, "*Manikins For Use In Defining Vehicle Seating Accommodation*", November 1962, or 95 percentile as per SAE document J826a, August 1970, at the discretion of the '*Manufacturer*' when positioned at any '*Seating Reference Point*', projects into the door opening area on the side elevation or profile view. Components on folding doors, roll-up doors and on doors that are designed to be easily attached to or removed, without the aid of tools, from motor vehicles manufactured for operation without doors need not comply with this Rule.

Schedule 2 – Amendment

Vehicle Standard (Australian Design Rule 3/02 – Seats and Seat Anchorages) 2005

1. Clause 3.3, Applicability Table.
Omit:

Vehicle Category	ADR Category Code	UNECE Category Code	Manufactured on or After	Acceptable Prior Rules
Moped 2 wheels	LA	L1	N/A	
Moped 3 wheels	LB	L2	N/A	
Motor cycle	LC	L3	N/A	
Motor cycle and sidecar	LD	L4	N/A	
Motor tricycle	LE	L5		
	LEM		N/A	
	LEP		1 Mar 1995	Nil
	LEG		1 Mar 1995	Nil
Passenger car	MA	M1	1 Jan 1995	Nil
Forward-control passenger vehicle	MB	M1	1 Jan 1995	Nil
Off-road passenger vehicle	MC	M1	1 Jan 1995	Nil
Light omnibus	MD	M2		
up to 3.5 tonnes '*GVM'* and up to 12 seats	MD1		1 July 1995	Nil
up to 3.5 tonnes *'GVM'* and more than 12 seats	MD2		1 Jan 2000	Nil
over 3.5 tonnes and up to 4.5 tonnes *'GVM'*	MD3			
over 4.5 tonnes and up to 5 tonnes *'GVM'*	MD4			
Heavy omnibus	ME	M3		
Light goods vehicle	NA	N1	1 July 1995	Nil
Medium goods vehicle	NB	N2		
over 3.5 tonnes up to 4.5 tonnes *'GVM'*	NB1		N/A	
over 4.5 tonnes up to 12 tonnes *'GVM'*	NB2		N/A	
Heavy goods vehicle	NC	N3	N/A	
Very light trailer	TA	O1	N/A	
Light trailer	TB	O2	N/A	
Medium trailer	TC	O3	N/A	
Heavy trailer	TD	O4	N/A	

Substitute:

Vehicle Category	ADR Category Code	UNECE Category Code	Manufactured on or After	Acceptable Prior Rules
Moped 2 wheels	LA	L1	N/A	
Moped 3 wheels	LB	L2	N/A	
Motor cycle	LC	L3	N/A	
Motor cycle and sidecar	LD	L4	N/A	
Motor tricycle	LE	L5		
	LEM		N/A	
	LEP		1 Mar 1995	Nil
	LEG		1 Mar 1995	Nil
Passenger car	MA	M1	1 Jan 1995	Nil
Forward-control passenger vehicle	MB	M1	1 Jan 1995	Nil
Off-road passenger vehicle	MC	M1	1 Jan 1995	Nil
Light omnibus	MD	M2		
up to 3.5 tonnes '*GVM'* and up to 12 seats	MD1		1 July 1995	Nil
up to 3.5 tonnes *'GVM'* and more than 12 seats	MD2		1 Jan 2000	Nil
over 3.5 tonnes and up to 4.5 tonnes *'GVM'*	MD3		N/A	
over 4.5 tonnes and up to 5 tonnes *'GVM'*	MD4		N/A	
Heavy omnibus	ME	M3	N/A	
Light goods vehicle	NA	N1	1 July 1995	Nil
Medium goods vehicle	NB	N2		
over 3.5 tonnes up to 4.5 tonnes *'GVM'*	NB1		N/A	
over 4.5 tonnes up to 12 tonnes *'GVM'*	NB2		N/A	
Heavy goods vehicle	NC	N3	N/A	
Very light trailer	TA	O1	N/A	
Light trailer	TB	O2	N/A	
Medium trailer	TC	O3	N/A	
Heavy trailer	TD	O4	N/A	

Schedule 3 – Amendment

Vehicle Standard (Australian Design Rule 5/04 – Anchorages for Seatbelts) 2005

1. **Clause 11, Area A and Area B**

Omit:

11.1.1. 'Area A' is dependent on the 'Seat Back Angle' and on its 'Transverse Distance S' from the 'Seating Reference Plane'. The 'Seat Back Angle' must be taken as the design 'Seat Back Angle'.

Substitute:

11.1.1. '*Area A*' is dependent on the '*Seat Back Angle*' and on its '*Transverse Distance S*' from the '*Seating Reference Plane*'. The '*Seat Back Angle*' must be taken as the design '*Seat Back Angle*'.

Schedule 4 – Amendments

Vehicle Standard (Australian Design Rule 6/00 – Direction Indicators) 2005

1. **COVER PAGE**

Omit:

Vehicle Standard (Australian Design Rule 6/00 – Direction Indicators) 2005.
Vehicle Standard (Australian Design Rule 6/00 – Direction Indicators) 2005.

Substitute:

Vehicle Standard (Australian Design Rule 6/00 – Direction Indicators) 2005

2. **APENDIX A, Section 1, DEFINITIONS**

Omit:

1.1. "Direction indicator" means a device mounted on a motor vehicle or trailer which, when operated by the driver, signals the letter's intention to change the direction in which the vehicle is proceeding. The present Regulation applies solely to fixed-position flashing light devices whose flashing is obtained by the intermittent supply of electric current to the lamp.

Substitute:

1.1. "*Direction indicator*" means a device mounted on a motor vehicle or trailer which, when operated by the driver, signals the latter's intention to change the direction in which the vehicle is proceeding. The present Regulation applies solely to fixed-position flashing light devices whose flashing is obtained by the intermittent supply of electric current to the lamp.

Schedule 5 – Amendment

Vehicle Standard (Australian Design Rule 23/00 – Passenger Car Tyres) 2006

Clause 23.4, Alternative Standards

Omit:

23.4 ALTERNATIVE STANDARDS

23.4.1. The technical requirements specified in Annex 7 of ECE R 30/02 - "Tyres" - shall be deemed to be equivalent to the technical requirements of Clause 23.2.2.2.7 (High Speed Test) of this Rule.

Substitute:

23.3.5.3**.** The technical requirements specified in Annex 7 of United Nations Regulation No. 30 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF PNEUMATIC TYRES FOR MOTOR VEHICLES AND THEIR TRAILERS, incorporating the 02 series of amendments shall be deemed to be equivalent to the technical requirements of Clause 23.3.5 High Speed Test.

Schedule 6 – Amendment

Vehicle Standard (Australian Design Rule 25/02 – Anti-Theft Lock) 2006

1. **Clause 6, Alternative Standards**

Omit:

6.1.4. for MA, MB, MC and NA category vehicles, UNECE Regulation 116 "Uniform Technical Prescriptions Concerning the Protection of Motor Vehicles Against Unauthorized Use", up to and including the /00 series of amendments.

Substitute:

6.1.4. for MA, MB, MC and NA category vehicles, United Nations Regulation No. 116 UNIFORM TECHNICAL PRESCRIPTIONS CONCERNING THE PROTECTION OF MOTOR VEHICLES AGAINST UNAUTHORIZED USE PART I: Approval of a vehicle of category M1 and N1 with regards to its devices to prevent unauthorized use, up to and including the 00 series of amendments.

Schedule 7 – Amendment

Vehicle Standard (Australian Design Rule 31/02 – Brake Systems for Passenger Cars) 2009

1. Clause 0.1, Name of standard

Omit:

0.1.1. This standard is the Vehicle Standard (Australian Design Rule 31/02 – Brake Systems for Passenger Cars) 2005.

Substitute:

0.1.1. This standard is the Vehicle Standard (Australian Design Rule 31/02 – Brake Systems for Passenger Cars) 2009.

Schedule 8 – Amendment

Vehicle Standard (Australian Design Rule 31/03 – Brake Systems for Passenger Cars) 2013

1. **Clause 2, Applicability and implementation**

   Omit the heading:

   Applicability Table

   Substitute:

   2.8 Applicability Table

Schedule 9 – Amendment

Vehicle Standard (Australian Design Rule 34/01 - Child Restraint Anchorages and Child Restraint Anchor Fittings) 2005

1. Clause 34.3, Nominated seating position

Omit:

34.3.1.2. Child Restraint Anchorages' or *'Child Restraint Anchor Fitting(s)'* may be installed in front seating positions other than the driver's *'Seat*'.

Substitute:

34.3.1.2. '*Child Restraint Anchorage'*(s) or *'Child Restraint Anchor Fitting'*(s) may be installed in front seating positions other than the driver's *'Seat*'.

Schedule 10 – Amendment

Vehicle Standard (Australian Design Rule 35/00 – Commercial Vehicle Brake Systems) 2006

1. **Clause 35.6, Dynamometer service brake fade test.**

Omit:

35.6.1.6.2. not more than 200 additional stops from a maximum speed of 65 km/h at a deceleration not exceeding 3.1 m/s^2. The initial brake temperature for each stop shall be not less than 232°C and not more than 288o 0C.

Substitute:

35.6.1.6.2. not more than 200 additional stops from a maximum speed of 65 km/h at a deceleration not exceeding 3.1 m/s^2. The initial brake temperature for each stop shall be not less than 232°C and not more than 288°C.

Schedule 11 – Amendment

Vehicle Standard (Australian Design Rule 35/02 – Commercial Vehicle Brake Systems) 2007

1. **Clause 4.7, Special Provisions for Systems Using *'Stored Energy'* (except *'Spring Brake Systems')***

   Omit:

   4.7.5.2. a pressure test connection complying with clause 4 of ISO Standard 3583-1984 Road vehicles – Pressure test connection for compressed – air pneumatic braking equipment, must be fitted at either the inlet to, or in the body of, the brake chamber with the slowest reaction time in each *'Axle Group'* (in respect of brake timing as specified in clause 7.17).

   Substitute:

   4.7.5.2. a pressure test connection complying with clause 4 of ISO Standard 3583-1984 Road vehicles – Pressure test connection for compressed – air pneumatic braking equipment, must be fitted at either the inlet to, or in the body of, the brake chamber with the slowest reaction time in each *'Axle Group'* (in respect of brake timing as specified in clause 7.12).

Schedule 12 – Amendment

Vehicle Standard (Australian Design Rule 35/03 – Commercial Vehicle Brake Systems) 2009

1. **Clause 4.7, Special Provisions for Systems Using *'Stored Energy'* (except *'Spring Brake Systems')***

   Omit:

   4.7.5.2. a pressure test connection complying with clause 4 of ISO Standard 3583-1984 Road vehicles – Pressure test connection for compressed – air pneumatic braking equipment, must be fitted at either the inlet to, or in the body of, the brake chamber with the slowest reaction time in each *'Axle Group'* (in respect of brake timing as specified in clause 7.17).

   Substitute:

   4.7.5.2. a pressure test connection complying with clause 4 of ISO Standard 3583-1984 Road vehicles – Pressure test connection for compressed – air pneumatic braking equipment, must be fitted at either the inlet to, or in the body of, the brake chamber with the slowest reaction time in each *'Axle Group'* (in respect of brake timing as specified in clause 7.12).

Schedule 13 – Amendment

Vehicle Standard (Australian Design Rule 42/04 – General Safety Requirements) 2005

1. Clause 9, Electrical wiring, connections & installations

Omit:

TABLE 1.1 CIRCUITS AND IDENTIFICATION

14-pin connector	7-pin connector	Contact No.	Circuit	Circuit conductor colour
		1	Left-hand turn	Yellow
		2	Reversing signal	Black
		3	Earth return	White
		4	Right-hand turn	Green
		5	Service Brakes	Blue
		6	Stop lamps	Red
		7	Rear lamps, clearance and side marker lamps	Brown
		8	Battery charger/electric winch	Orange
		9	Auxiliaries, etc/battery feed	Pink
		10	Earth return	White
		11	Rear fog lamp	Grey
		12	Spare	Violet

Note: Where service brakes are not fitted, contact No. 5 may be used for auxiliaries

Substitute:

TABLE 1.1 CIRCUITS AND IDENTIFICATION

12-pin connector	7-pin connector	Contact No.	Circuit	Circuit conductor colour
		1	Left-hand turn	Yellow
		2	Reversing signal	Black
		3	Earth return	White
		4	Right-hand turn	Green
		5	Service Brakes	Blue
		6	Stop lamps	Red
		7	Rear lamps, clearance and side marker lamps	Brown
		8	Battery charger/electric winch	Orange
		9	Auxiliaries, etc/battery feed	Pink
		10	Earth return	White
		11	Rear fog lamp	Grey
		12	Spare	Violet

Note: Where service brakes are not fitted, contact No. 5 may be used for auxiliaries

Schedule 14 – Amendments

Vehicle Standard (Australian Design Rule 44/02 – Specific Purpose Vehicle Requirements) 2006

1. **Clause 44.8.3, Fire Extinguisher**

   Omit:

   Motorhomes and '*Caravans*' shall be provided with a fire extinguisher(s) selected and located in accordance with the Australian Standard referred to in clause 44.2.5.

   Substitute:

   Motorhomes and '*Caravans*' shall be provided with a fire extinguisher(s) selected and located in accordance with the Australian Standard referred to in clause 44.4.5.

2. **Clause 44.9, Emergency exits for omnibuses**

   Omit:

   44.9.8. Provision of Warning Devices for Emergency Exits other than 'Service Door(s)' which are also emergency doors or emergency windows.

   Substitute:

   44.9.8. Provision of Warning Devices for Emergency Exits other than 'Service Door(s)' which are also emergency doors or emergency windows.

3. **Clause 44.6, Liquefied Petroleum Gas (LPG) fuelled vehicles**

   Insert after 44.6.1:

   44.6.1.1. The LPG fuel system may meet "Australian Standard AS 1425 LP Gas for Fuel Systems for Vehicle Engines" published jointly by, or on behalf of, Standards Australia and Standards New Zealand, as in force from time to time in lieu of clause 44.6.1.

Schedule 15 – Amendment

Vehicle Standard (Australian Design Rule 82/00 – Engine Immobilisers) 2006

1. Clause 7, Alternative Standards

Omit:

7.3. UNECE Regulation 116 "Uniform Technical Prescriptions Concerning the Protection of Motor Vehicles Against Unauthorized Use", incorporating the 00 series of amendments.

Substitute:

7.3. The technical requirements in Part IV: Approval of Immobilizers and approval of a vehicle with regards to its immobilizer of United Nations Regulation No. 116 UNIFORM TECHNICAL PRESCRIPTIONS CONCERNING THE PROTECTION OF MOTOR VEHICLES AGAINST UNAUTHORIZED USE, incorporating the 00 series of amendments.

Schedule 16 – Amendment

Vehicle Standard (Australian Design Rule 84/00 – Front Underrun Impact Protection) 2009

1. Clause 1, Legislative provisions

Omit:

1.1.1. This standard is the Vehicle Standard (Australian Design Rule 84/00 – Front Underrun Impact Protection) 2007.

Substitute:

1.1.1. This standard is the Vehicle Standard (Australian Design Rule 84/00 – Front Underrun Impact Protection) 2009.

Schedule 17 – Amendment

Vehicle Standard (Australian Design Rule 86/00 – Parking Lamps) 2016

1. Clause 7, Alternative Standards

Omit:

7.1. The technical requirements of the United Nations Regulation No. 77 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF CORNERING LAMPS FOR POWER-DRIVEN VEHICLES, in its original form, shall be deemed to be equivalent to the technical requirements of this standard.

Substitute:

7.1. The technical requirements of the United Nations Regulation No. 77 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF PARKING LAMPS FOR POWER-DRIVEN VEHICLES, in its original form, shall be deemed to be equivalent to the technical requirements of this standard.

Schedule 18 – Amendment

Vehicle Standard (Australian Design Rule 87/00 – Cornering Lamps) 2016

1. Clause 7, Alternative Standards

Omit:

7.1. The technical requirements of the United Nations Regulation No. 119 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF PARKING LAMPS FOR POWER-DRIVEN VEHICLES, incorporating the 01 series of amendments, shall be deemed to be equivalent to the technical requirements of this standard.

Substitute:

7.1. The technical requirements of the United Nations Regulation No. 119 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF CORNERING LAMPS FOR POWER-DRIVEN VEHICLES, incorporating the 01 series of amendments, shall be deemed to be equivalent to the technical requirements of this standard.