



Vehicle Standard (Australian Design Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008

as amended

made under section 7(1) of the

Motor Vehicle Standards Act 1989

This compilation was prepared on 16 May 2012
taking into account amendments up to *Vehicle Standard (Australian Design
Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008 Amendment 6*

Volume 1 contains Clauses 0.1–6 and the Notes

Volume 2 contains Appendix A

Volume 3 contains Appendix B and

Volume 4 contains Appendix C

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0.1 NAME OF STANDARD [see Note 1]

0.1.1 This Standard is the *Vehicle Standard (Australian Design Rule 81/02 – Fuel Consumption Labelling for Light Vehicles) 2008*.

0.1.2 This Standard may also be cited as ADR 81/02.

0.2 COMMENCEMENT [see Note 1]

0.2.1 This Standard commences on the day after it is registered.

1 SCOPE

1.1 This vehicle standard prescribes the requirements for the measurement of vehicle fuel consumption, carbon dioxide emissions, energy consumption and range, and the design and application of fuel consumption labels and energy consumption labels to vehicles.

2 APPLICABILITY AND IMPLEMENTATION

2.1 This vehicle standard is applicable to all M and N category vehicles with a gross vehicle mass not exceeding 3.5 tonnes, as provided in clause 2.2.

2.2 Except as specified in clause 2.3, This vehicle standard applies:

2.2.1 from 1 October 2008 in relation to new model vehicles produced on or after 1 October 2008;

2.2.2 from 1 April 2009 in relation to vehicles produced on or after 1 April 2009, other than new model vehicles referred to in clause 2.2.1.

2.3 This vehicle standard applies from 1 March 2011 in relation to pure electric vehicles and externally chargeable hybrid electric vehicles produced on or after 1 March 2011.

- 2.4 For the purposes of clause 2.2.1, a new model vehicle is a vehicle of a model first produced with a date of manufacture on or after 1 October 2008.
- 2.5 To the extent of any inconsistency, the applicability dates specified in clause 2.2. apply in lieu of any dates specified in Appendix B or Appendix C.

3 DEFINITIONS

- 3.1 For the purposes of clause 2.4, “date of manufacture” means the date the vehicle is available in Australia in a condition which will enable an identification plate to be lawfully affixed to the vehicle.

4 REQUIREMENTS

- 4.1 Every vehicle shall have applied to its windscreen a fuel consumption label or energy consumption label meeting the specifications of the appropriate label illustrated in Appendix A.
- 4.2 The fuel consumption label or energy consumption label shall be placed in a bottom corner of the front windscreen on the inside of the windscreen.
- 4.3 The fuel consumption label shall be applied to vehicles powered by an internal combustion engine only and to hybrid electric vehicles which are not externally chargeable.
- 4.4 The energy consumption label shall be applied to pure electric vehicles and to hybrid electric vehicles which are externally chargeable.
- 4.5 Subject to the requirements of paragraph 5.5 of Appendix B or Appendix C, the manufacturer shall report:
- 4.5.1 for vehicles specified in clause 4.3, the three fuel consumption results and three carbon dioxide emissions results for the vehicle from Part One (urban) and Part Two (extra-urban) of the Type I test and from the full (combined) Type I test, as determined in accordance with Annex 6 or Annex 8 of Appendix B or Appendix C; and
- 4.5.2 for vehicles specified in clause 4.4:
- 4.5.2.1 the combined fuel consumption and combined carbon dioxide emissions results (if applicable) as determined in accordance with Annex 8 of Appendix B or Appendix C;
- 4.5.2.2 the energy consumption results as determined in accordance with Annex 7 or Annex 8 of Appendix B or Appendix C; and
- 4.5.2.3 the range as determined in accordance with Annex 9 of Appendix B or Appendix C.
- 4.6 The values displayed on the fuel consumption label shall be:

- 4.6.1 for fuel consumption, the urban, extra-urban and combined values reported for the vehicle under clause 4.5.1; and
- 4.6.2 for carbon dioxide emissions, the combined value reported for the vehicle under clause 4.5.1.
- 4.7 The values displayed on the energy consumption label shall be:
 - 4.7.1 for energy consumption and range, the values reported for the vehicle under clause 4.5.2; and
 - 4.7.2 if applicable, for fuel consumption and carbon dioxide emissions, the combined value reported for the vehicle under clause 4.5.2.

5 EXEMPTIONS AND ALTERNATIVE PROCEDURES

- 5.1 The following provisions of Appendix B and Appendix C are not applicable:
 - Section 3 Application for Approval
 - Section 4 Approval
 - Section 6 Modification and extension of approval of the approved type
 - Section 9 Conformity of Production
 - Section 10 Penalties for non-conformity of production
 - Section 11 Production definitely discontinued
 - Section 12 Names and addresses of technical services responsible for conducting approval tests and of administrative departments
 - Annex 1 Essential characteristics of the vehicle powered by an internal combustion engine only and information concerning the conduct of tests
 - Annex 2 Essential characteristics of the vehicle powered by an electric power train only and information concerning the conduct of tests
 - Annex 3 Essential characteristics of the vehicle powered by a hybrid electric power train and information concerning the conduct of tests
 - Annex 4 Communication
 - Annex 5 Arrangements of approval marks
- 5.2 References to ‘Regulation No. 83’ in Appendix B are amended to read ‘Appendix A of ADR 79/02’.

- 5.3 References to ‘Regulation No. 83’ in Appendix C are amended to read ‘Appendix A of ADR 79/03 or ADR 79/04’.

6 ALTERNATIVE STANDARDS

- 6.1 Subject to clause 6.1.1, the values for fuel consumption, carbon dioxide emissions, energy consumption and range declared for the vehicle by the manufacturer in accordance with the requirements of *United Nations Economic Commission for Europe Regulation No. 101 UNIFORM PROVISIONS CONCERNING THE APPROVAL OF PASSENGER CARS POWERED BY AN INTERNAL COMBUSTION ENGINE ONLY, OR POWERED BY A HYBRID ELECTRIC POWER TRAIN WITH REGARD TO THE MEASUREMENT OF THE EMISSION OF CARBON DIOXIDE AND FUEL CONSUMPTION AND/OR THE MEASUREMENT OF ELECTRIC ENERGY CONSUMPTION AND ELECTRIC RANGE, AND OF CATEGORIES M1 AND N1 VEHICLES POWERED BY AN ELECTRIC POWER TRAIN ONLY WITH REGARD TO THE MEASUREMENT OF ELECTRIC ENERGY CONSUMPTION AND ELECTRIC RANGE*, are deemed to be equivalent to the values for fuel consumption and carbon dioxide emissions, energy consumption and range required under clause 4.5 of this vehicle standard.
- 6.1.1 The versions of UN ECE Regulation 101 deemed acceptable under clause 6.1 are UN ECE Regulation 101 Revision 2.

Notes to the *Vehicle Standard (Australian Design Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008*

Note 1

The *Vehicle Standard (Australian Design Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008* (in force under section 7(1) of the *Motor Vehicle Standards Act 1989*) as shown in this compilation is amended as indicated in the Tables below.

Table of Instruments

Title	Date of FRLI Registration	Date of commencement	Application, saving or transitional provisions
<i>Vehicle Standard (Australian Design Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008</i>	29 Feb 2008 (see F2005L00649)	1 Mar 2008	
<i>Vehicle Standard (Australian Design Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008 Amendment 1</i>	19 June 2008 (see F2008L02124)	20 June 2008	—
<i>Vehicle Standard (Australian Design Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008 Amendment 2</i>	15 Sept 2008 (see F2008L03455)	16 Sept 2008	—
<i>Vehicle Standard (Australian Design Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008 Amendment 3</i>	28 Sept 2010 (see F2010L02537)	29 Sept 2010	—
<i>Vehicle Standard (Australian Design Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008 Amendment 4</i>	16 Feb 2011 (see F2011L00271)	17 Feb 2011	—
<i>Vehicle Standard (Australian Design Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008 Amendment 5</i>	30 Sept 2011 (see F2011L02009)	1 Oct 2011	—
<i>Vehicle Standard (Australian Design Rule 81/02 — Fuel Consumption Labelling for Light Vehicles) 2008 Amendment 6</i>	15 May 2012 (see F2012L01037)	16 May 2012	—

Table of Amendments

ad. = added or inserted am. = amended rep. = repealed rs. = repealed and substituted

Provision affected	How affected
C. 1.1	rs. F2010L02537
C. 2.2	am. F2010L02537
C. 2.3	ad. F2010L02537
C. 2.3 Renumbered c. 2.4	F2010L02537
C. 2.4 Renumbered c. 2.5	F2010L02537
C. 2.5	rs. F2012L01037
C. 3.1	am. F2010L02537
C. 4.1	rs. F2010L02537
C. 4.2	rs. F2010L02537
C. 4.3	rs. F2010L02537
C. 4.4	rs. F2010L02537
C. 4.5	ad. F2010L02537 am. F2012L01037
C. 4.6	ad. F2010L02537
C. 4.7	ad. F2010L02537
C. 5.1	rs. F2012L01037
C. 5.2	rs. F2011L02009; F2012L01037
C. 5.3	ad. F2012L01037
C. 6.1	am. F2010L02537; F2012L01037
Appendix A	
Heading to Appendix A	rs. F2010L02537
Appendix A.....	am. F2008L02124; F2008L03455; F2010L02537; F2011L00271
Appendix C	
Appendix C	ad. F2012L01037