

Vehicle Standards Bulletin N° 14

National Code of Practice for Light Vehicle Construction and Modification

ICV TRICYCLE CHECKLIST (ADR Category LEM1)

CODE LO4

CHECKLIST LO4-LEM1

VERSION 2.0 JANUARY 2011

This checklist is called up by Code LO4 of Section LO *Vehicle Standards Compliance* and the *National Guidelines for Individually Constructed LE1 Motor Tricycles (Other than Goods Vehicles) in Australia*.

It is intended to assist those who wish to build an individually constructed tricycle.

The checklist applies to ADR category LEM1 tricycles only.

Refer to Section LO for more detailed information on effective dates for tricycle ADR categories. Alternatively, effective dates may be found at the following website:

<http://rvcs.dotars.gov.au/>

Owner Details

Owner's Name _____

Address _____

Telephone _____ Mobile _____

Email _____

Vehicle Details

Make _____ Model _____ Year of Manufacture _____

Vehicle Mass (kg) _____ Fuel Tank Certification Number (where applicable) _____

VIN/Chassis Number

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Engine Details

Make _____ Type _____ No. of Cylinders/Rotors _____

Displacement _____ Litres or _____ Cubic Inches Year of Manufacture _____

ADR Engine was designed to comply with _____ Maximum Power Output _____ kW or _____ BHP

Signatory Certification

Vehicle Certified by (Signatory) _____

Signatory Employer (if applicable) _____

Signatory's Signature _____ Date _____

VIN	Certificate No	Signature
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Notes:.....

(NA=Not Applicable, Y=Yes, N=No)

MAKE:	MODEL	CATEGORY LEM <450kg Unladen mass
ENGINE No.	VIN:	

ADR 8/01 - SAFETY GLAZING MATERIAL

CLAUSE No	FEATURE	COMPLIANCE
5.3	Is transparent material other than glass used in the vehicle? If YES, note the (1) Location and (2) Markings	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
6.1	All glazing suitably marked?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
5.4	Windscreen glass marked as being laminated?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

ADR 14/02 – REAR VISION MIRROR

CLAUSE No	FEATURE	COMPLIANCE
	Two rear vision mirrors, symmetrically placed?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Both flat (F) or convex (C)?	<input style="width: 50px; height: 20px;" type="text"/>
	Are the mirrors located and of such dimensions as to be capable of reflecting to the driver as far as practicable a clear view of the road to the rear of the driver and of any following or overtaking vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Note: If <i>E</i> marked, R46 the mirror itself is acceptable.	
	If no <i>E</i> Mark and the mirror is flat, is the reflective surface at least 80 square cms in area?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If no <i>E</i> Mark and the mirror is curved, is the reflective surface at least 64.5 square cms in area, convex in shape and have an average radius of curvature that is not less than 1200mm?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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Notes:.....
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ADR 19/01 and 19/02- INSTALLATION OF LIGHTING and LIGHT SIGNALLING DEVICES (Vehicles certified to ADR 67/... do not need to comply with this ADR)		
CLAUSE No	FEATURE	COMPLIANCE
A.5.5.1	GENERAL Are all lamps constituting a pair symmetrical?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.5.9	No red light visible from the front and no white light (except reversing light) visible from the rear of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.5.10	When the headlamps or any fog lamps are illuminated, do the front/rear position lamps and registration plate lamp(s) also illuminate?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.5.11	Not possible to switch on the main-beam, the dipped-beam and the front and rear fog lamps (if fitted) without switching on the lamps referred to in clause A.5.10?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

FEATURE								
(1) FEATURE	(2)	Height (#)		(5)APART	(6)EDGE	(7)G	(8)C	(9)R
		(3) MAX	(4) MIN	(#)	(#)	(*)	(*)	
Main beam (*)				<200	Dipped beam	Dipped		Dipped
Dipped beam (*)		1200	500	<200	(a) <400	Main		Main
Direction Indicator Front (*)		1200	350	>240	(a) <400			
Direction Indicator Rear (*)		1200	350	>180	(b) <400			
Stop lamp(*)		1200	250	(b) >400		Rpos	Rpos	Rpos
Rr. Regisn. Plate lamp(*)						Rpos	Rpos	
Fr. Position lamp(*)		1200	350		<400 (a) <150 (c)	Dipped	Dipped	Dipped
Rr. position lamp (*)		1500	250	>400 (b)	<400 (b) <150 (c)	Stop	Stop	Stop
Reflex reflector Rear(*)		900	250	>400 (b)	<400 (b, c)	Rpos	Rpos	

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Notes:.....

Reflex reflector		900	300					
Side (*)								
Front fog lamp(+)		<Dipped Beam	250	<250 from c/l				
Rear fog lamp (+)		900	250	>100 form stop				
(*) = Mandatory (+) = If fitted; All dimension in mm. (#) = HEIGHT - To highest (Max) and lowest (Min) points on illuminating								

Apart – Distance between innermost edges of illuminating surface.
 EDGE – Maximum distance from outer edge of vehicle to illuminating surface.
 Column (7) to (9) indicates specific lamps which may be grouped (G), combined (C) or reciprocally incorporated (R).

CLAUSE No	FEATURE	COMPLIANCE
A.6.1 A6.1.31	DRIVING (MAIN) BEAM HEADLAMPS Geometric centre located in longitudinal media plane?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If NA is its centre of reference symmetrical in relation to another driving/passing/front position lamp?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.1.3.3	Is the distance between the edges of the illuminating surface of any independent driving lamp and the edge of the passing lamp not more than 200mm?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.1.3.4	If 2 driving lamps fitted is the distance between the illuminating surfaces not more than 200mm?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.1.8	Non-flashing (<i>circuit-closed</i>) tell- tale blue and operating?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.2 A.6.2.3.1.2	PASSING BEAM (DIPPED) – HEADLAMPS Centre of lamp in longitudinal median plane?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If NA, is its centre of reference symmetrical in relation to another driving/passing/front position lamp?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.2.3.4	If 2 passing lamps fitted is the distance between the illuminating surfaces not more than 200mm?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.2.7	Are all driving beams switched <i>Off</i> when changing from driving to passing beam?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.2.8	If fitted, is operational tell-tale colour green and non- flashing?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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Notes:.....

	DIRECTION INDICATOR LAMP	
	(1) Front indicators at least 240mm between illuminating surfaces?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.3	(2) Front indicators outside vertical planes tangential to outside of headlamps?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.3.3.1	(3) Distance between the illuminating surface of the indicator and passing beam headlamp at least 75mm?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If NA, note distance between illuminating surfaces in mm.	<input type="text"/> mm
A.6.3.3.1	Illuminating surfaces of rear indicators at least 180mm apart?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.3.3.3	Rear indicators within 300mm of rear end of vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.3.8	Independent switch?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Lamps on one side operated by one control?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.3.9	Operating Green or Yellow tell-tale fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If NA, is an audible operating tell-tale fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If any direction indicator lamp defective, does tell-tale extinguish, remain alight without flashing, or shows marked change in frequency? Please circle.	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.3.10.1	Flash rate 60 –120 times per minute?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.3.10.2	Flash in phase on same side?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.3.10.3	Light up within 1 sec, and extinguishes within 1.5 sec?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.3.10.4	In the event of a failure, other than a short circuit, the other direction indicator on the same side continues to flash or remain alight?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.4	STOP LAMP	
A.6.4.6	Lighted on any front or rear service brake application?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.5	REAR – REGISTRATION PLATE ILLUMINATING DEVICE	
A.6.5.2	Illuminates registration plate area?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.6	FRONT POSITION LAMP	
A.6.6.1	(If fitted, mandatory for 19/02) One or two lamps fitted?.	One <input type="checkbox"/> Two <input type="checkbox"/>
A.6.6.6	Green <i>Circuit-closed</i> tell-tale fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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Notes:.....

	If NA instrument lights as tell-tale?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.7 A.6.7.1	REAR POSITION LAMP One or two lamps fitted? Please circle number of lamps	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.7.6	If <i>Circuit-closed</i> tell-tale fitted, is it the same as front position lamp tell-tale?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.8 A.6.8	REAR REFLEX REFLECTOR, NON-TRIANGULAR One or two lamps fitted?	One <input type="checkbox"/> Two <input type="checkbox"/>
A.6.9 A.6.9.2	VEHICLE – HAZARD WARNING SIGNAL (Optional but required in ADR 67) Separate control operates all direction Indicator lamps?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.9.3	(1)Circuit closed tell-tale provided?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(2) If single tell-tale, signal flashing red?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(3)If separate, is tell-tale the same as direction indicators?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.9.4	Capable of activation with ignition <i>Off</i> ?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.10 A.6.10. 1	FRONT FOG LAMP (Optional) Are one or two lamps fitted?	One <input type="checkbox"/> Two <input type="checkbox"/>
A.6.10.3.1	If fitted, is it on the median longitudinal plane or is the illuminating edge within 250mm of it?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.10.9	Possible to operate the fog lamp independently of the driving-beam and the passing-beam head lamp(s)?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.10.7	If fitted, tell-tale non-flashing green?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.11 A.6.11.1	REAR FOG LAMP (Optional) Are one or two lamps fitted?	One <input type="checkbox"/> Two <input type="checkbox"/>
A.6.11.3.3	Distance from edge of stop lamp not less than 100mm?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.11.6	Can only light up when either the main-beam or the dipped-beam or the front fog lamp is switched on?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Rear fog lamp switch independent of the front fog lamp switch?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	With the rear fog lamps switched <i>ON</i> does switching <i>Off</i> the position lamp, extinguish it and does it remain <i>Off</i> until deliberately switched <i>ON</i> again?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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Notes:.....

A.6.11.7	Is an amber <i>Circuit-closed</i> non-flashing tell-tale fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
A.6.12 A.612.1	SIDE REFLEX REFLECTOR, NON-TRIANGULAR (Optional for vehicles certified to ECE R53/00) Are one or two side reflectors fitted, per side?	One <input type="checkbox"/> Two <input type="checkbox"/>
A.6.12.3.3	Positioned such that the reflector(s) are not be masked by the driver's or passenger's clothes?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
7.1 7.1.2 7.1.3	PARKING LAMP (OPTIONAL) Circle Arrangement, one or two at front, one or two at rear ON or to right or on either side of the median longitudinal plane?	 Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
7.1.6	(1) Independent switch?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(2) Possible to operate with the ignition in the <i>Off</i> position?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
7.1.7	If tell-tale fitted, is it impossible to confuse it with that for the front and rear position lamps?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
7.2 7.2.6	REVERSING LAMP (Only if reverse gear is fitted) Is the lamp always lit when reversing gear is engaged?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Note: It is permissible for the reversing lamps to be on when reverse gear is engaged and the device that controls the engine is in such a position that operation of the engine is possible.	
	Does the lamp extinguish if the device that controls the engine is in such a position that operation of the engine is possible and the gear selected is in any gear other than reverse?	Y <input type="checkbox"/> N <input type="checkbox"/>
	Are the reversing lamps are not less than 250mm nor more than 1200mm above the ground?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Do the reversing lamps emit white light and are they located at the rear of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Is their geometric visibility 45° to the right and left if one lamp is fitted or 45° outwards and 35° inwards if two lamps are fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Is the geometric visibility of all reversing lamps fitted 15° upwards and 5° downwards?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	FRONT REFLEX REFLECTOR NON-TRIANGULAR Are ONE or TWO side reflectors fitted? Please circle.	

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Notes:.....
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	(1) If only one reflector fitted, the centre of reference is on the vehicle medium longitudinal plane?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
7.4 7.4.1 7.4.3	(1) If two reflectors fitted, is the illuminating surface not more than 400mm from the extreme outer edge of the side car.	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	CONSPICUITY LAMP (Mandatory for vehicles certified to ADR 19/01) Are two conspicuity lamps fitted, or is conspicuity lamp incorporated in passing headlamp?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Conspicuity lamp is lighted with engine running?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
8.9		
8.9.9.1		
ADR 23/01 - PASSENGER CAR TYRES (IF FITTED)		
CLAUSE No	FEATURE	COMPLIANCE
23.2.3	For one tyre fitted, identify : (if tyre size is different front and rear, complete 1 Fr and 1 Rr tyre. (1) Manufacturer or trade mark (2) Tyre size, speed category and carcass construction symbols (3) Date Code.	FR TR..... FR TR..... FR TR.....
23.2.2.1.2	At least 4 tread wear indicators?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
23.2.3	Each tyre labelled on both sides, except for <i>Asymmetrical Tyres</i> , which are at least labelled on the outer <i>Sidewalls</i> ?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
23.2.3.8	If tyre is <i>Asymmetrical</i> , outer face indicated?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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Notes:.....
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ADR 24/02 - TYRE AND RIM SELECTION (Only if fitted with passenger car tyres).		
CLAUSE No	FEATURE	COMPLIANCE
24.2.1.1	A placard of durable material permanently affixed to the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
24.2.1.1.	Placard contains the following: (1) For each nominated rim profile the recommended tyre size?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(2) Recommended tyre pressures in kPa?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(3) Statement on load rating and speed category?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
24.2.5.1	All tyres fitted to the vehicle of the same type of <i>Carcass</i> construction?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
24.2.5.4.1 24.2.5.4.2	Maximum load rating and speed category of tyre fitted equal to or greater than that on the placard?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
ADR 33/00 – BRAKE SYSTEMS FOR MOTORCYCLE AND MOPEDS		
CLAUSE No	FEATURE	COMPLIANCE
33.2.1.1	Split (s) or independent (I)? Indicate S or I.	<input style="width: 50px; height: 15px;" type="text"/>
33.2.1.4	Lining visible either directly or indirectly?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
33.2.1.6	Brake controls readily accessible?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
33.2.1.7	Adequate provision made for adjustment?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
33.2.5.1	Separate reservoir compartment for each sub-system?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
33.2.5.3	Labelling satisfactory and located on or near brake fluid reservoir cap?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
33.2.3.0	If split service brake system, failure indicator lamp: (1) Fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
33.2.3.2	(2) Activation check satisfactory?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
33.2.3.5	(3) Labelling satisfactory?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
33.2.4	If single brake power unit, an audible device provided?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
ADR 39/00 – EXTERNAL NOISE OF MOTOR CYCLES (NA to vehicles certified to ADR 83/00)		
CLAUSE No	FEATURE	COMPLIANCE
39.2	MARKING REQUIREMENTS	<input style="width: 150px; height: 15px;" type="text"/>
39.2.1	Silencing system components marked with:	
39.2.1.1	(1) Trade name or mark of manufacturer?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
39.2.1.2	(2) Trade description given by manufacturer?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
39.2.2	Markings clearly legible and appears indelible?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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39.3	LABELLING REQUIREMENTS Are the stationary noise test results acceptable and is vehicle labelling satisfactory?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
ADR 42/04 – GENERAL SAFETY REQUIREMENTS		
CLAUSE No	FEATURE	COMPLIANCE
6	DIESEL ENGINE Is a device fitted to prevent inadvertent starting of the engine?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
7.1.2	STEERING SYSTEM Do components essential to steering operation transmit energy by mechanical means only?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
7.1	Steering control located centrally or to the right?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
9.1.1	ELECTRICAL WIRING Is wiring supported at not more than 600mm intervals?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
9.1.2/3/4	Is all wiring properly insulated, located and protected from chafing?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
11.1.1/2/3	EXTERNAL OR INTERNAL PROTRUSIONS Is the completed vehicle devoid of external or internal projections or sharp or pointed fittings?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
12.1	FIELD OF VIEW Is the driver's view on either side and in all directions in front of the vehicle unobstructed?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
14.3.2	WHEEL GUARDS (MUDGUARDS) Are all wheels fitted with guards, or permanent structure, that cover at least the <i>Section Width</i> of the tyre, and designed as to protect other road users against thrown-up stones, mud, ice, snow and water?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
14.3.3.1	Do all rear wheel guards cover the wheel from a point vertically above the foremost part of the wheel to an arc rearwards up to a line through the centre at or less than 45 degree to horizontal?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
14.3.3.2	Unless bodywork provides required protection, do front wheel guards extend over rear quarter of wheel?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
15	BRAKE TUBING AND BRAKE HOSES For any one brake hose (if fitted) identify (1) Location and (2) Markings.	
15	Brake tubing and hoses fitted to prevent chafing, kinking or other mechanical damage?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
20.2	WARNING DEVICE AUDIBLE Is at least one horn fitted with constant amplitude and frequency characteristics?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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21	STABILITY REQUIREMENT Has a stability test been conducted and witnessed by a Signatory, who has certified the result as being in compliance with Clause 21?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
25.3.1	TYRE AND RIM SELECTION All tyres fitted to an Axle are the same type of Carcass construction?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
ADR 61/02 - VEHICLE MARKING		
CLAUSE No	FEATURE	COMPLIANCE
5 5.1	VEHICLE IDENTIFICATION NUMBER (VIN) Is the VIN clearly visible on an integral part of the vehicle and not easily removed?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If VIN is directly marked on an integral part of the vehicle, is the minimum height at least 7mm? If No what is height of VIN? Indicate mm	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If VIN is on a separate plate, which in turn is permanently affixed to an integral part of the vehicle, is the minimum height at least 4mm?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
7 7.1	ENGINE NUMBER Can a legible engine number be readily seen when the engine is installed in the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Is the engine number permanently stamped, cast, laser engraved or a combination of these on the main component of the engine?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
9.9.1.2.1	REGISTRATION PLATES Is there provision to mount a rear number plate so that its centre is no lower than 300mm from the ground?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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ADR 67/00 - INSTALLATION OF LIGHTS and LIGHT SIGNALLING DEVICES								
FEATURES								
(1) FEATURE		Height (#)		(5) APART	(6) EDGE	(7) G	(8) C	(9) R
		(3) MAX	(4) MIN	(#)	(#)	(*)	(*)	
Main beam (*) (CI 67.4.1)					(*) Dipped beam	Dip		Dip
Dipped beam (*) (CI 67.4.2)			1200	(*) 500	400	Main		Main
Front fog lamp (+) (CI 67.4.10)		<Dip. beam	250		400	%f		Main
Reversing Lamp (*) (CI 67.4.14)		1200	250			%r		
Direction Indicator Front (CI 67.4.3) (*)		1200	350	300 ≥ 100 MAIN OR DIP	400	%f		Park
Direction Indicator Rear (CI 67.4.3) (*)		1200	350	240	400	%r		Park
Direction Indicator side (CI 67.4.3) (*)								
Stop lamp (CI 67.4.4) (*)		1200	350	600/400 67.4.4.3.1.2		%r		RPos Park
Rr. Regisn. Plate lamp (CL 67.4.5) (*)						%r	%r	%r
Fr. Position (side) Lamp (CI 67.4.6) (*)		1500	350	Symmetrical	400	%f		%f
Rr. position (side) Lamp tail lamp (CI 67.4.7) (*)		1500	350	400	400	%r	Reg	Stop
Rear fog lamp (+) (CI 67.4.11)		1000	250	≥100 FROM STOP		%r	%r	
Parking Lamp (+) (CI 67.4.13)		1500	350		400	%		% f
Reflex reflector Rear (*) (CI 67.4.8)		900	350	400	400	%r		

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(Non-triangular) Front (+) (CI 67.4.17)		900	350	Central Or 400	400	fpos		
Side(+) (CI 67.4.12)		900	350			%		
Conspicuity lamps (*) (CI 67.4.18)		1200	250	Symmetrical		%f	%f	%f indic

G = *Grouped Lamps* means devices having separate illuminating surfaces and separate light sources, but a common lamp body.
 C = *Combined* means devices having separate illuminating surfaces, but a common light source and common lamp body.
 (*) = Mandatory; (+) = If fitted.
 (#) = HEIGHT - To highest (Max) and lowest (Min) points on illuminating surface.
 Apart – Distance between innermost edges of illuminating surface.
 EDGE – Maximum distance from outer edge of vehicle to illuminating surface.
 All dimension in mm.
 Column (7) to (9) indicates specific lamps which may be grouped (G), combined (C) or reciprocally incorporated (R).
 %f = Permitted with any other frontlamp.

R = *Reciprocally Incorporated* means devices having separate light sources (or a single light source operating in different ways), but a common or partially common illuminating surface and a common lamp body.
 %r = Permitted with any other rear lamp.
 % = Permitted with any other lamp.
 Dip = Permitted with Dipped Beam.
 Main = Permitted with Main Beam.
 Fpos = Permitted with Front Position Side lamps.
 Park = Not permitted with Park Lamps.
 Park = Permitted with Park Lamps.
 Stop = Permitted with stop lamps.
 Rpos = Permitted with Rear Position Side Lamps.
 Reg = Permitted with Rear Registration Plate Lamp.
 bdic = Not permitted with Indicator Lamps.

CLAUSE N°	FEATURE	COMPLIANCE
67.3 67.3.1	VISIBILITY Are apparent surfaces of all lamps unobstructed by any parts of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.3 67.3.5	GENERAL SPECIFICATIONS Are all lamps constituting a pair symmetrical?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.3.9	No red light visible from the front and no white light (except reversing light) visible from the rear of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.3.10	Can all front and rear position lamps, the rear registration plate lamp, and the passenger car side lamps (if fitted) be only switched on and off together?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.3.11	Is it not possible to switch on the main-beam, dipped-beam and front and rear fog lamps without first switching on the lamps referred to in clause 67.3.10?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.3.13.1	Are no lamps (other than driving, passing or front fog lamps) concealed?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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67.3.13.2	Is it possible to move a concealed lighting device into the position of use, without the aid of tools, in the event of a defect?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.1	MAIN-BEAM HEADLAMPS Are all main beams switched off when changing over from main beam to dipped beam?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.1.3.1.1	For single dipped beam application with an independent main beam, is this main beam mounted directly above or below the dipped beam with its geometric centre situated on the longitudinal median of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.1.3.1.2	For two dipped beam applications are the main beam lamps mounted no closer to the outside edge of the vehicle than the outer edge of the dipped beam headlamp?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.1.10	Circuit closed tell-tale colour blue and non-flashing?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.2.9.1 67.4.2.10	DIPPED – BEAM HEADLAMPS Control within easy reach of driver? If operational tell-tale fitted, is it green and non-flashing?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.2.3.1.1	For single lamp applications, is this lamp mounted with its geometric centre situated on the longitudinal median of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.3.3.1.1	DIRECTION INDICATOR LAMPS LE1 (1) Front indicators at least 300mm apart?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(2) Front indicators further apart than the outside surfaces of the headlamps?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(3) Front indicator lamps at least 100mm from the headlamps?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(4) Rear indicators not more than 400mm from the extreme outer edge of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.3.3.3.2	Front indicators within 1,800mm of the front surface of the vehicle? (2,500mm if necessary to comply with visibility requirements).	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.3.9	ALL VEHICLES Independent switch and flash in phase?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.3.10	(1) Is a visible <i>tell-tale</i> fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(2) Tell-tale behaviour on turn signal malfunction?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(A) - Marked frequency change, (B) - Continuously on, or (C) – Continuously off (Indicate A, B, C)?	<input style="width: 50px; height: 20px;" type="text"/>
67.4.3.11.1.3	For DC supply indicators flash 60 to 120 times per minute?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.3.11.3.1	For AC supply, indicators flash 45-120 times per minute?	<input style="width: 50px; height: 20px;" type="text"/>

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67.4.3.11.1.3	Lights up within 1 second and extinguishes within 1.5 seconds?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.3.11.4	If one lamp fails (other than due to a short-circuit) do other lamps flash when actuated?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.4.9	STOP LAMP Lit with any service brake application?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If fitted, is tell-tale non-flashing operational type?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.5	REAR REGISTRATION PLATE LAMP Illuminates the registration plate area?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.5	FRONT POSITION LAMPS One or two lamps fitted in Dipped Beam headlamp? Please circle.	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Not further than 400mm from extreme outer edge of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.6.3.1.2 67.4.9.3	Instrument lights as tell-tale?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If NA, is a non-flashing green tell-tale fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.7.1.1	REAR POSITION LAMP (RPL) LE1 Distance between illuminating surface at least 400mm, and within 400mm from extreme outer edge of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.7.3.1.1	Instrument light as tell-tale?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.7.10	If NA, is a non-flashing green tell-tale fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.8.3.1.2	REAR REFLEX REFLECTOR (NON-TRIANGULAR) LE1 Distance between illuminating surface at least 400mm, and within 400mm from extreme outer edge of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.8.3.1.1	HAZARD WARNING LAMP All direction indicator lamps flash in phase?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.9.1	Independent switch?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.9.2	Flashing tell-tale fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.9.3	Can <i>Hazard Warning</i> be activated with engine ignition in the <i>Off</i> position?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.9.4.1	FRONT FOG LAMPS (OPTIONAL) LE1 Lamp centre of reference on the medium longitudinal plane or not more than 250mm from the medium longitudinal plane of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.10.3.1.2	REAR FOG LAMPS (Optional) If only one lamp fitted is mounted either in the median longitudinal plane or to the right?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.11.3.1	The illuminating surface of the fog lamp at least 100mm from the illuminating surface of the stop lamp?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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67.4.11.3.4	(1) Can rear fog lamp operate only when dipped beam or main beam lamps and/or the front fog lamp is on?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	(2) Can rear fog lamp be extinguished independently of the front fog lamps (if fitted)?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Independent, non-flashing, circuit closed tell-tale fitted and operational?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.11.9	PARKING LAMP (Optional) If rear oriented only, one or two lamps fitted?	One <input type="checkbox"/> Two <input type="checkbox"/>
	If front and rear oriented two or three lamps fitted?	Two <input type="checkbox"/> Three <input type="checkbox"/>
67.4.13.2.2	Is illuminating surface not more than 400mm from extreme outer edge of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	If only two lamps provided are these provided on the side of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.13.9	Switch to permit parking lamps to be lit independently of any other lamps?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.13.9	Able to operate with the ignition switch in <i>Off</i> position	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.13.10	If fitted, impossible to confuse tell-tale with that for the front and rear position lamps?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.14.9	REVERSING LAMPS (If reverse gear fitted) Is the lamp always lit when reverse gear engaged?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Note: It is permissible for the reversing lamps to be on when reverse gear is engaged and the device that controls the engine is in such a position that operation of the engine is possible. Does the lamp extinguish if the device that controls the engine is in such a position that operation of the engine is possible and the gear selected is in any gear other than reverse?	Y <input type="checkbox"/> N <input type="checkbox"/>
	Do the reversing lamps emit white light and are they located at the rear of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Is their geometric visibility 45° to the right and left if one lamp is fitted or 45° outwards and 35° inwards if two lamps are fitted?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	Is the geometric visibility of all reversing lamps fitted 15° upwards and 5° downwards?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

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67.4.18.3.1 67.4.18.11	CONSPICUITY LAMPS (Optional) Are One or Two conspicuity lamps fitted?	One <input type="checkbox"/> Two <input type="checkbox"/>
	Are they separate lamps or combined with Dipped-Beam headlamps ?	Sep <input type="checkbox"/> Comb <input type="checkbox"/>
67.4.18.9.1 67.4.18.9.1	If Conspicuity Lamps are fitted, are they lit every time the engine is run? CORNERING LAMPS (Optional) Lighted continuously together with the corresponding direction indicator?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.19.9.2	Only lit when the headlamp switch is in the <i>On</i> position?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.20 67.4.20.4.3.2	SIDE MARKER LAMPS (Optional, mandatory for vehicles >2.1m wide and > 7.5m in length) Front lamps within the front 3 rd of the vehicle, but not forward of a plane through the rearmost point of the driver's seat in the rearmost position?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
67.4.20.4.3.1	Are rear lamps not more than 300mm from the rear of the vehicle?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

ADR 83/00 – EXTERNAL NOISE

CLAUSE No	FEATURE	COMPLIANCE
Appendix B 4.1	MARKING REQUIREMENTS Silencing system components marked with:	
4.1.1	(1) Trade name or mark of manufacturer?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
4.1.2	(2) Trade description given by manufacturer?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
Appendix B 6.1.1	Markings clearly legible and appears indelible?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	LABELLING REQUIREMENTS Is the following information provided on the motorcycle in an easily accessible (not necessarily immediately visible) location? <ul style="list-style-type: none"> • The manufacturer's name? • The value in dB(A) for the stationary noise test? • The engine speed in RPM? 	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

Additional Safety Requirements

	Are welded steering or suspension components accompanied by a satisfactory report from an Signatory or Metallurgist?*	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
	There are no critical steering or suspension components that have been chrome plated?	Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>

Note: If the answer to any question is **N (No)**, the modification cannot be certified under this Code.

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