

Queensland Code of Practice: Vehicle Modifications (QCOP)

Code LC2: Dual-controls for Driver Trainer Vehicles (Modification)

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CODE LC2

Dual-controls for Driver Trainer Vehicles (Modification)

1.0 Scope

Code LC2 outlines the installation and testing requirements for the following light vehicle modifications involving controls for driver training.

1.1 Modifications permitted under Code LC2

The following is a summary of the modifications that may be performed under Code LC2:

- Installation of dual-control systems for use in driver trainer vehicles.

1.2 Modifications not permitted under Code LC2

The following is a summary of the modifications that may not be performed under Code LC2:

- Left-hand to right-hand drive steering conversions;
- Installation of vehicle controls for persons with a disability.

2.0 General requirements

All work must also comply with the requirements contained in sub-section 2.0 General Requirements of the *Queensland Code of Practice (QCOP) – Section LC Vehicle Controls*. Specific requirements in this code take precedence over any general instructions in QCOP.

Extensive modifications to a vehicle may affect the warranty provided by the OVM. It is the responsibility of the certifying AP to consider such effect on warranty. Consideration of the effect this modification may have on product warranty is outside the scope of this code. The certifying AP must clarify this point to the modifier and the vehicle operator.

For audit purposes, sufficient documentary and photographic evidence of the modification must be retained by the certifying AP.

2.1 Compliance with applicable vehicle standards

- 2.1.1** The modified vehicle must continue to comply with the applicable Australian Design Rules (ADRs).
- 2.1.2** If different or additional ADRs apply to the modified vehicle due to the modifications, the vehicle must comply with those ADRs that apply to it after modification.

- 2.1.3** A modified vehicle must also comply with the applicable in-service requirements of the *Transport Operations (Road Use Management – Vehicle Standards and Safety) Regulation 2021* (the VSS regulation).
- 2.1.4** A pre-ADR modified vehicle must continue to comply with the VSS regulation.
- 2.1.5** Specific requirements, if listed in Section 3.0 of this code, take precedence over the general requirements in Section 2.0.
- 2.1.6** Outlined in table LC2-1 are areas of the vehicle that may be affected by the modifications and may require re-certification, testing and/or data to show compliance of the modified vehicle.

Table LC2-1 Summary of items that, if modified or altered, may detrimentally affect compliance with applicable ADRs

DETAIL	REQUIREMENTS
Brake Lights	ADR 49/00 ADR 60/00
Brake Hoses	ADR 42/..
Hydraulic Brake Systems	ADR 31/..
Brake Performance	<i>Transport Operations (Road Use Management—Vehicle Standards and Safety) Regulation 2021</i>

Note: This is not an exhaustive list and compliance to other ADRs may also be affected.

The ADR applicability is according to the vehicle's category and date of manufacture. It is the responsibility of the certifying AP to verify compliance to the applicable ADRs. The certification must include the vehicle date of manufacture in addition to the date of modification.

Checklist LC2

CODE LC2: Dual-controls for Driver Trainer Vehicles (Modification)

Form No: LC2

Provide an answer to each of the following (Y=Yes, N=No)

Modification Certificate Number:		
1	Design	
1.1	Has the vehicle been modified in accordance with the plans and specifications issued under: Design Approval No _____ or Type Approval Number _____	<input type="checkbox"/> Y <input type="checkbox"/> N
2	Workmanship	
2.1	Has all the work including the mounting been performed in accordance with recognised engineering standards?	<input type="checkbox"/> Y <input type="checkbox"/> N
3	Pedals	
3.1	Are the pedals ergonomically positioned as per recognised automotive standards?	<input type="checkbox"/> Y <input type="checkbox"/> N
3.2	Do the additional pedals allow full travel of the original vehicle's pedal assembly	<input type="checkbox"/> Y <input type="checkbox"/> N
4	Signage	
4.1	Has a sign been permanently mounted on the dashboard adjacent to the operator of the auxiliary controls?	<input type="checkbox"/> Y <input type="checkbox"/> N
5	ADR Compliance	
5.1	Does the modified vehicle continue to comply with the ADRs that applied to it at its first supply to market in Australia?	<input type="checkbox"/> Y <input type="checkbox"/> N
6	Final Inspection	
6.1	Has a final inspection of the installation been carried out and found to be satisfactory?	<input type="checkbox"/> Y <input type="checkbox"/> N

[Continued on the following page]

7	Testing	
7.1	Has the modified vehicle been road tested utilising all pedal controls and found satisfactory?	<input type="checkbox"/> Y <input type="checkbox"/> N
7.2	Has the modified vehicle been tested in accordance with the post-installation test procedure provided as part of the design approval?	<input type="checkbox"/> Y <input type="checkbox"/> N
8	Records	
8.1	Have complete records of the design, installation and testing been retained in a manner suitable for auditing?	<input type="checkbox"/> Y <input type="checkbox"/> N

Note: If the answer to any question is **N (No)** the conversion cannot be certified under Code LC2.

CERTIFICATION DETAILS																	
Make						Model						Year of Manufacture					
VIN																	
Chassis Number (If applicable)																	
Brief Description of Modification/s																	
Vehicle Modified By																	
Certificate Number (If applicable)																	
Vehicle Certified By (<i>Print</i>)																	
Signatory's Employer (If applicable)																	
Signatory's Signature												Date		_____			