

# Vehicle Standards Instruction

## Use of Heavy Vehicle Modification Codes on Light Vehicles

September 2021

The Department of Transport and Main Roads (TMR) permits use of certain heavy vehicle modification codes on light vehicles. Where light vehicle codes are available and appropriate, light vehicle modifications must be certified using those codes. Certification using heavy vehicles when a light vehicle code is available and appropriate is not permitted.

This Vehicle Standards Instruction (VSI) applies to the following Australian Design Rule (ADR) light vehicle categories:

ADR Category Code	Vehicle Category
MB	Forward Control Passenger Vehicle
MC	Off Road Passenger Vehicle
MD	Light Omnibus
MD1	(up to 3.5 tonnes GVM, up to 12 seats)
MD2	(up to 3.5 tonnes GVM, over 12 seats)
MD3	(over 3.5 tonnes GVM, up to 4.5 tonnes GVM)
NA	Light Goods Vehicle
NB	Medium Goods Vehicle
NB1	(over 3.5 tonnes GVM, up to 4.5 tonnes GVM)

The following VSB-6 codes are permitted to be used to certify modifications on eligible light vehicles:

Codes	Description
G1	Relocation of air brake components
G4	Motor vehicle brake system certification
G5	Fitting of auxiliary and endurance brakes
G6	Fitting of air operated accessories
H4	Chassis alteration*
K5	Installation of wheelchair occupant restraint system
R1	Installation of vehicle mounted lifting systems
R2	Wheelchair loader installation
T1	Construction of tow trucks
T2	Design of tow trucks

**\*Note**, use of code H4 is also permitted but only for chassis modifications *not* covered by the National Code of Practice for Light Vehicle Construction and Modification (NCOP) e.g. Chassis shortening behind original rear suspension mounts. Reinforcements should be designed to be compatible with the light vehicle's chassis.

No other codes in VSB-6 are permitted to be used on light vehicles, including codes under Section S of VSB-6 (Vehicle rating). Some codes in VSB-6 require approval for tail shaft modifications. This is not a normal requirement for light vehicles but is included in the checklist for Code LB1 in the NCOP. This modification can be undertaken using code C1 (Tail shaft modification) as a guide only.

If modifications to light vehicles are certified using appropriate and permissible heavy vehicle codes, all the relevant requirements set out in the heavy vehicle codes must be met. Partial compliance is not acceptable.

### Further Information

For details of Approved Persons in your local area, please visit [Find an AIS | Transport and motoring | Queensland Government](#)

National Code of Practice for Light Vehicle Construction and Modification (NCOP)  
[https://www.infrastructure.gov.au/vehicles/vehicle\\_regulation/bulletin/vsb\\_ncop.aspx](https://www.infrastructure.gov.au/vehicles/vehicle_regulation/bulletin/vsb_ncop.aspx)

National Code of Practice for Heavy Vehicle Modifications (Vehicle Standards Bulletin 6)

<https://www.nhvr.gov.au/safety-accreditation-compliance/vehicle-standards-and-modifications/vehicle-standards-bulletin-6>

Transport Operations (Road Use Management—Vehicle Standards and Safety) Regulation 2021

<https://www.legislation.qld.gov.au/view/whole/html/asmade/sl-2021-0114>

For more information about this VSI, please email [vehiclestandards@tmr.qld.gov.au](mailto:vehiclestandards@tmr.qld.gov.au)