
Wheels, Tyres & Suspension Lifts

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State & Territory Modification Codes

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State & Territory Vehicle Modification Codes

Regulations relating to motor vehicle modification vary by state & territory across Australia. Following are links to each government authority and their respective codes of practice.

The information summarised in this document is provided for reference purposes only for off-road vehicles. Outback Armour endeavors to provide accurate information, however the codes referenced are subject to change at any time without notice and therefore should not be relied upon. Please reference the relevant national/state vehicle codes for up-to-date information.

Note: State & territory vehicle codes do vary from the national code of practice. The state or territory code that the vehicle will be registered under should take priority.

AUSTRALIA

Department of Infrastructure, Transport, Regional Development, Communications and the Arts
Vehicle Standards Bulletin 14 (VSB-14)

[National Code of Practice for Light Vehicle Construction and Modification \(NCOP\)](#)

NCOP11 - Section LS Tyres, Rims, Suspension and Steering

Wheel Width	Depends on “aspect ratio” of the tyre fitted. The wheel width must match the recommendations for the tyre fitted.
Track Width	Offroad vehicles - Up to 50mm overall track width increase allowable for that particular vehicle model.
Tyre Diameter	Offroad vehicles - Up to 50mm larger or 26mm smaller than any tyre listed on the tyre placard affixed to the vehicle.
Tyre Width	Offroad vehicles - Up to 1.5x (50% increase) wider than the widest tyre listed on the tyre placard affixed to the vehicle.
Maximum Lift	Up to +75mm total lift (50mm suspension lift + 25mm tyre).

AUSTRALIAN CAPITAL TERRITORY

ACT Road Transport Authority
Light Vehicle Inspection Manual

Wheel Width	Depends on “aspect ratio” of the tyre fitted. The wheel width must match the recommendations for the tyre fitted.
Track Width	Offroad vehicles - Up to 50mm overall track width increase allowable for that particular vehicle model.
Tyre Diameter	Offroad vehicles - Up to 15mm larger or 26mm smaller than any tyre listed on the tyre placard affixed to the vehicle.
Tyre Width	Offroad vehicles - Up to 1.5x (50% increase) wider than the widest tyre listed on the tyre placard affixed to the vehicle.
Maximum Lift	Up to +65mm total lift (50mm suspension lift + 15mm tyre). <ul style="list-style-type: none"> Note: not specified in codes.

NEW SOUTH WALES

Transport for NSW

Vehicle Standards Information (VSI.06) - Light Vehicle Modifications

Vehicle Standards Information (VSI.09) - Wheel & Tyre Standards

Vehicle Standards Information (VSI.48) - Alternative Identification Plates (GVM Upgrades)

Wheel Width	Maximum - Up to 25mm wider than the widest OEM wheel. Minimum - Not less than the thinnest OEM wheel.
Track Width	Offroad vehicles - Up to 50mm overall track width increase allowable for that particular vehicle model.
Tyre Diameter	Offroad vehicles - Up to 7% larger than any OEM tyre listed on the vehicles tyre placard.
Tyre Width	Offroad vehicles - Up to x (% increase) wider than the widest OEM tyre listed on the vehicle placard.
Maximum Lift	Up to +75mm total lift (50mm suspension lift + 25mm tyre)

NORTHERN TERRITORY

Department of Transport and Road Safety

V32(LV) - Light Vehicle Modifications

Northern Territory Light Vehicle Inspection Manual

Wheel Width	Depends on "aspect ratio" of the tyre fitted. The wheel width must match the recommendations for the tyre fitted.
Track Width	Offroad vehicles - Up to 100mm overall track width increase allowable for that particular vehicle model.
Tyre Diameter	Offroad vehicles - Up to 50mm larger than any tyre listed on the tyre placard affixed to the vehicle.
Tyre Width	Not to extend past vehicle guards or foul on the brakes or vehicle body.
Maximum Lift	Up to +100mm total lift (75mm suspension lift + 25mm tyre lift).

QUEENSLAND

Department of Transport and Main Roads
Queensland Road Vehicle Modification Handbook
[Queensland Code of Practice: Vehicle Modifications \(QCOP\)](#)

QCOP - Section LS Tyres, Rims, Suspension and Steering

Wheel Width	Maximum - Up to 15mm wider than the widest OEM wheel. Minimum - Up to 26mm thinner than the widest OEM wheel.
Track Width	Offroad vehicles - Up to 50mm overall track width increase allowable for that vehicle model.
Tyre Diameter	Offroad vehicles - Up to 50mm larger than any OEM tyre for that vehicle model.
Tyre Width	Offroad vehicles - Up to 1.5x (50% increase) wider than the widest OEM tyre for that vehicle model.
Maximum Lift	Up to +75mm total lift (50mm suspension lift + 25mm tyre)

SOUTH AUSTRALIA

Department of Infrastructure and Transport - South Australia
Vehicle Standards Fact Sheet (MR1457) - Light Vehicle Modifications
SA.GOV.AU - Vehicle Standard & Modifications

Wheel Width	Depends on "aspect ratio" of the tyre fitted. The wheel width must match the recommendations for the tyre fitted.
Track Width	Offroad vehicles - Up to 26mm overall track width increase allowable for that particular vehicle model.
Tyre Diameter	Offroad vehicles - Up to 50mm larger than any tyre listed on the tyre placard affixed to the vehicle.
Tyre Width	Not to extend past vehicle guards or foul on the brakes or vehicle body.
Maximum Lift	Up to +50mm total lift (combination of suspension lift + body lift + tyre lift).

TASMANIA

Department of State Growth / Service Tasmania
(VMCM) Vehicle Modification Certification Manual

Wheel Width	Depends on “aspect ratio” of the tyre fitted. The wheel width must match the recommendations for the tyre fitted.
Track Width	Offroad vehicles - Up to 50mm overall track width increase allowable for that particular vehicle model.
Tyre Diameter	Offroad vehicles - Up to 50mm larger or 26mm smaller than any tyre listed on the tyre placard affixed to the vehicle.
Tyre Width	Offroad vehicles - Up to 1.5x (50% increase) wider than the widest tyre listed on the tyre placard affixed to the vehicle.
Maximum Lift	Up to +75mm total lift (50mm suspension lift + 25mm tyre).

VICTORIA

VIC Roads
Vehicle Standards Information 8 (VSI-8) - Guide to Modification for Motor Vehicles
Vehicle Standards Information 26 (VSI-26) - Roadworthiness Requirements

Wheel Width	Maximum - Up to 25mm wider than the widest OEM wheel. Minimum - Not less than the thinnest OEM wheel.
Track Width	Offroad vehicles - Up to 50mm overall track width increase allowable for that particular vehicle model. (simplified from previous version of VSI-08)
Tyre Diameter	Offroad vehicles - Up to 50mm larger than any OEM tyre.
Tyre Width	Not to extend past vehicle guards or foul on the brakes or vehicle body.
Maximum Lift	Up to +75mm total lift (50mm suspension lift + 25mm tyre)

WESTERN AUSTRALIA

Department of Transport - Western Australia
Information Bulletin 134 (IB-134) - Light Vehicle Modification Standards
Vehicle Technical Bulletin (VTB.180a) - GVM RE-Rating
Vehicle Technical Bulletin (VTB.181) - GCM

Wheel Width	Depends on “aspect ratio” of the tyre fitted. The wheel width must match the recommendations for the tyre fitted.
Track Width	Offroad vehicles - Up to 50mm overall track width increase allowable for that particular vehicle model.
Tyre Diameter	Offroad vehicles - Up to 50mm larger or 26mm smaller than any tyre listed on the tyre placard affixed to the vehicle.
Tyre Width	Offroad vehicles - Up to 1.5x (50% increase) wider than the widest tyre listed on the tyre placard affixed to the vehicle.
Maximum Lift	Up to +75mm total lift (50mm suspension lift + 25mm tyre).