



Introduction

Modifications to light vehicles must comply with Vehicle Standard Bulletin (VSB) unless with formal approval from Vehicle Registration and Standards. VSB 14 applies to light vehicles with some VSB 6 modification codes applying to light vehicles.

VSB 14 contains two type of modification code, those for the design (known as design approval) of the modification and those for the actual carrying out of the modification (referred to as the construction code).

Due to the high level analytical assessment required to produce a design approval, these VSB codes are reserved for a person authorised as an AVC1 or AVC2.

The AVC scheme also enables an AVC of any category to submit a modification certification requiring a design approval. Design approvals may be produced by AVC1 or AVC2 or any suitably qualified and experienced person, (a third party) operating a commercial engineering consultancy business.

Qualifications and experience of a third party provider must meet that of an AVC1 or AVC2. The Modification Matrix within the Vehicle Modification Certification Manual details the required qualification for and AVC1 or AVC2.

An AVC submitting the certification is responsible for establishing the eligibility of people providing advice or information used for the purpose of a modification submission.

An AVC submitting a design approval must have permission to use the approval from the author of the document.

Design Approval

A design approval must contain the following information;

- Name of the design approval and number (allocated by the author).
- Certifiers (author of the design approval) name and date of certification.
- Scope of the design approval must include the make, model, series and variant of vehicle/s that the design approval pertains to.
- Scope of the area of the vehicle the design approval applies to the design approval pertains to; Example, front brakes, suspension and steering.
- A detailed list of all of the components that are used and how they are to be installed to achieve the specific outcome. Including details of any relevant special modification techniques, procedures or adjustments.

- A detailed list of the inspection and test procedures to ensure the specified outcomes are achieved.
- A detailed list of the specification that are to be achieved when the modification is completed.
- A statement in relation to it only valid for the specified vehicle/s and not covering any other modifications and that if other modifications are completed that may affect the design approval outcomes, that full certification would be required.
- Photos of components in situ.

The design approval must include enough detail to enable a capable person to physically perform the modification to achieve the design approval outcomes.

A design approval must not have a detrimental effect on a components yield strength.

Various VSB modification codes require specific requirements particular to that modification type. The relevant design approval code will list these requirements.

Questions?

Any further questions regarding this Special Information Bulletin should be directed to AIS Compliance Unit on 6166 3265 or email avc@stategrowth.tas.gov.au