



# Quiz time



We had good feedback on the quiz published in the June 2020 edition of *Radiator*, so here's another set of questions to test your knowledge.



**Question 1.**

See cert plate pictured above.

- A. The car has adjustable height suspension which required LVV certification. If the rear suspension height (from centre of wheel up to the lip of the wheel-arch) measured 310mm, should this be failed for WoF?
- B. If the registration number is not correct should it fail a WoF?
- C. If factory 16x6 wheels are fitted should it fail a WoF?

**Question 2.**

Which of these common 4WD modifications require LVV certification?

- A. 40mm rear leaf-spring raising blocks.
- B. Extended leaf-spring shackles.
- C. Replacement springs/shocks that raise the vehicle by 60mm.
- D. 25mm body lift blocks.
- E. Bull bar on a vehicle that must meet a frontal impact standard.

**Question 3.**

Can the factory airbag-equipped steering wheel be changed for a quick-release sport wheel on a 2003 Subaru Impreza and would it need LVV certification?

**Question 4.**

Which of these disability modifications require LVV certification?

- A. Steering wheel spinner.
- B. Left-foot accelerator pedal.
- C. 100mm pedal extensions.
- D. Hand control for brake and accelerator.

**Question 5.**

Can a seat equipped with a side impact airbag be installed into an older vehicle?

**Question 6.**

Does a motorcycle with sidecar added need to be LVV certified or just have a class change?

**Question 7.**

The tyre tread on an MA class car protrudes beyond the factory guards but is covered by a 10mm aftermarket guard lip. Does this meet WoF requirements?

**ANSWERS**

The VIRM contains many of the answers in various places, but it is often simpler to refer to the LVV Certification Threshold Schedule, available on LVVTA's homepage: [www.LVVTA.org.nz](http://www.LVVTA.org.nz).



**Answer 1.**

A. The suspension/axle field on the plate says 'ADJ SUSPN', meaning it will have height adjustment, usually in the form of locking rings on a thread on the strut, as below photo shows. This always requires LVV certification.



The suspension heights are listed as 335mm front and 325mm rear, with a tolerance of 5 percent, meaning the rear suspension can be between 309mm and 341mm. Rear height of 310mm is within the acceptable range.

- B. **No.** The registration number on the plate does not have to be correct, the VIN/chassis number is the vehicle identifier.
- C. If the rim size doesn't match the plate, even if factory rims have been refitted, recertification is required to ensure that the wheels and tyres are compatible with the other modifications.

**Answer 2.**

Under threshold and not needing LVV certification (subject to meeting the conditions in the threshold):

- o Leaf spring raising blocks up to 50mm.
- o Taller springs/shocks.
- o Bull bar.

Over threshold and always needs LVV certification:

- o Extended leaf-spring shackles.
- o 25mm body lift blocks.

**Answer 3.**

A vehicle over 14 years old can have an airbag removed, or the airbag-equipped steering wheel replaced with a non-airbag sports wheel, and it must be LVV certified. A quick-release mechanism must also be LVV certified and is only permitted in specific circumstances.

**Answer 4.**

LVV certification is always required for a hand control for brake and accelerator, but the following disability modifications do not require LVV certification (subject to the conditions in the threshold tables):

- A. Steering wheel spinner.
- B. Left-foot accelerator pedal.
- C. 100mm pedal extensions.

**Answer 5.**

**Yes.** Refer to the threshold for requirements for stressed and unstressed seat replacement.

**Answer 6.**

**Yes,** any sidecar not fitted by the factory requires LVV certification and it changes from LC class to LD. The sidecar can be fitted on either side of the motorcycle.

**Answer 7.**

**No.** All vehicles other than NA and MC class must have tyre tread within either the unmodified original body panels or factory-fitted mudguard extension/flare. A guard that is rolled but has not flared the panel is considered unmodified.

For more information on any of the questions and answers, consult the VIRM or contact a member of the LVVTA technical team: [tech@lvvta.org.nz](mailto:tech@lvvta.org.nz).

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