

Correct as at 28th April 2026. It may be superseded at any time.

Extract taken from: PRS & QMS > PRS: Light vehicle repair certification > Technical part > Measurements

8 Measurements

8-1 Three-dimensional chassis measurements

Requirements

	What the Transport Agency expects of you	How the Transport Agency will assess your performance
8.1.1	<p>Correct technical decisions</p> <p>You thoroughly inspect three-dimensional chassis measurements and correctly determine whether the measurements comply with all Transport Agency requirements, taking into account technical information provided by the Transport Agency such as the VIRM: Light vehicle repair certification.</p>	<p>The Transport Agency will:</p> <ul style="list-style-type: none"> • talk to you • observe you at work • inspect vehicles which you have certified • inspect inspection and certification documents you use and complete • inspect information you enter into the Transport Agency computer system. <p>The Transport Agency may:</p> <ul style="list-style-type: none"> • take into account outcomes from complaints, random re-inspections and 'mystery shopper' exercises since your last review.
8.1.2	<p>Technical competence</p>	

You are competent in all technical aspects relating to three-dimensional chassis measurements.

The Transport Agency will:

- talk to you
- ask questions to check your competence relating to vehicle brakes and the assessment of service brakes and park brakes
- observe you at work
- inspect inspection and certification documents you use and complete
- inspect your [Training record](#).

The Transport Agency may administer a short test on the assessment of the three-dimensional chassis measurements.

This means you are competent in:

- the ability to assess the condition of the vehicle's chassis components
- The ability to assess the condition of the vehicle's chassis components
- The ability to assess the condition of the vehicle's chassis components

8.1.3

Technical equipment

You have:

- a trammel bar
- a tape measure
- assorted hand tools.

You have or have access to:

- a currently calibrated three-dimensional chassis measurement machine.

The equipment is in good condition and working order.

The Transport Agency will inspect your technical equipment.

Scores

	Score			
	0	1	2	3
8.1.1	<p>Correct technical decisions</p>			
	<p>You do not thoroughly inspect three-dimensional chassis measurements and correctly determine whether they comply with all Transport Agency requirements.</p> <p>The area of non-compliance is likely to compromise the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> the chassis measurement readings are outside the tolerance of the manufacturer's instructions. 	<p>You do not thoroughly inspect all three-dimensional chassis measurements and correctly determine whether they comply with all Transport Agency requirements.</p> <p>The area of non-compliance may compromise the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> the chassis measurement readings have been taken by a technician whose qualifications are unknown, or inadequate measurements have been taken to determine that the vehicle is within measurement specifications. 	<p>You do not thoroughly inspect all three-dimensional chassis measurements and correctly determine whether they comply with all Transport Agency requirements.</p> <p>The area of non-compliance is unlikely to compromise the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> the actual measurements have not been recorded. 	<p>You thoroughly inspect all three-dimensional chassis measurements and correctly determine whether they comply with all Transport Agency requirements.</p>
8.1.2	<p>Technical competence</p>			

<p>You demonstrate:</p> <ul style="list-style-type: none"> • some competence in the technical aspects relating to three-dimensional chassis measurements, or • a level of competence that may compromise the safety of vehicle occupants or other road users. <p>This means there are some gaps in your knowledge of, or skills in:</p> <ul style="list-style-type: none"> • the assessment of three-dimensional chassis measurements, or • Transport Agency requirements (including VIRM requirements) relating to three-dimensional chassis measurements, or • Transport Agency guidelines relating to three-dimensional chassis measurements, or • the operation of the equipment you use for capturing three-dimensional chassis measurements. <p>This means there are significant gaps in your knowledge of, or skills in:</p> <ul style="list-style-type: none"> • the assessment of three-dimensional chassis measurements, or • Transport Agency requirements (including VIRM requirements) relating to three-dimensional chassis measurements, or • Transport Agency guidelines relating to three-dimensional chassis measurements, or • the operation of the equipment you use for capturing three-dimensional chassis measurements. 	<p>You demonstrate:</p> <ul style="list-style-type: none"> • adequate competence in the technical aspects relating to three-dimensional chassis measurements, or • a level of competence that is unlikely to compromise the safety of vehicle occupants or other road users. <p>This means there are minor gaps in your knowledge of, or skills in:</p> <ul style="list-style-type: none"> • the assessment of three-dimensional chassis measurements, or • Transport Agency requirements (including VIRM requirements) relating to three-dimensional chassis measurements, or • Transport Agency guidelines relating to three-dimensional chassis measurements, or • the operation of the equipment you use for capturing three-dimensional chassis measurements. 	<p>You can demonstrate comprehensive competence in the technical aspects relating to three-dimensional chassis measurements.</p> <p>This means you can demonstrate comprehensive knowledge of, and skills in:</p> <ul style="list-style-type: none"> • the assessment of three-dimensional chassis measurements, and • Transport Agency requirements (including VIRM requirements) relating to three-dimensional chassis measurements, and • Transport Agency guidelines relating to three-dimensional chassis measurements, and • the operation of the equipment you use for capturing three-dimensional chassis measurements.
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<p>8.1.3</p>	<p>Technical equipment</p>			
	<p>Not all of the specified equipment is available. Where equipment is available, some or all of it is not in working order.</p>	<p>All specified equipment is available and in working order, but some or all of it is in poor condition.</p>	<p>All specified equipment is available, in working order and in at least adequate condition.</p>	<p>All specified equipment is available and in good condition and working order.</p>

Requirements

	What the Transport Agency expects of you	How the Transport Agency will assess your performance
8.2.1	<p>Correct technical decisions</p> <p>You thoroughly evaluate four-wheel alignment measurements and correctly determine whether the measurements comply with all Transport Agency requirements, taking into account technical information provided by the Transport Agency such as the VIRM: Light vehicle repair certification.</p>	<p>The Transport Agency will:</p> <ul style="list-style-type: none"> • talk to you • observe you at work • inspect vehicles which you have certified • inspect inspection and certification documents you use and complete • inspect information you enter into the Transport Agency computer system. <p>The Transport Agency may:</p> <ul style="list-style-type: none"> • take into account outcomes from complaints, random re-inspections and ‘mystery shopper’ exercises since your last review.
8.2.2	<p>Technical competence</p> <p>You are competent in all technical aspects relating to four-wheel alignment measurements.</p> <p>This means you are competent in:</p> <ul style="list-style-type: none"> • the assessment of four-wheel alignment measurements • Transport Agency requirements (including VIRM requirements) relating to four-wheel alignment measurements and the assessment of four-wheel alignment measurements • Transport Agency guidelines relating to four-wheel alignment measurements • the operation of the equipment you use for capturing four-wheel alignment measurements. 	<p>The Transport Agency will:</p> <ul style="list-style-type: none"> • talk to you • ask questions to check your competence relating to four-wheel alignment measurements and the assessment of four-wheel alignment measurements • observe you at work • inspect inspection and certification documents you use and complete • inspect your Training record. <p>The Transport Agency may administer a short test on the assessment of four-wheel alignment measurements.</p>

8.2.3

Technical equipment

You have:

- assorted hand tools.

You have or have access to:

- a four-wheel alignment machine.

The equipment is in good condition and working order.

The Transport Agency will inspect your technical equipment.

Scores

	Score			
	0	1	2	3
8.2.1	<p>Correct technical decisions</p>			
	<p>You do not thoroughly inspect four-wheel alignment measurements and correctly determine whether the measurements comply with all Transport Agency requirements.</p> <p>The area of non-compliance is likely to compromise the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> the wheel alignment measurements are outside the tolerance of the manufacturer's instructions. 	<p>You do not thoroughly inspect four-wheel alignment measurements and correctly determine whether the measurements comply with all Transport Agency requirements.</p> <p>The area of non-compliance may compromise the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> inadequate measurements have been taken to determine that the vehicle is within measurement specifications. 	<p>You do not thoroughly inspect four-wheel alignment measurements and correctly determine whether the measurements comply with all Transport Agency requirements.</p> <p>The area of non-compliance is unlikely to compromise the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> the actual measurements have not been recorded. 	<p>You thoroughly inspect four-wheel alignment measurements and correctly determine whether the measurements comply with all Transport Agency requirements.</p>
8.2.2	<p>Technical competence</p>			

<p>You demonstrate:</p> <ul style="list-style-type: none"> • some competence in the technical aspects relating to four-wheel alignment measurements, or • a level of competence that may compromise the safety of vehicle occupants or other road users. <p>This means there are some gaps in your knowledge of, or skills in:</p> <ul style="list-style-type: none"> • the assessment of four-wheel alignment measurements, or • Transport Agency requirements (including VIRM requirements) relating to four-wheel alignment measurements, or • Transport Agency guidelines relating to four-wheel alignment measurements, or • the operation of the equipment you use for capturing four-wheel alignment measurements. <p>This means there are significant gaps in your knowledge of, or skills in:</p> <ul style="list-style-type: none"> • the assessment of four-wheel alignment measurements, or • Transport Agency requirements (including VIRM requirements) relating to four-wheel alignment measurements, or • Transport Agency guidelines relating to four-wheel alignment measurements, or • the operation of the equipment you use for capturing four-wheel alignment measurements. 	<p>You demonstrate:</p> <ul style="list-style-type: none"> • adequate competence in the technical aspects relating to four-wheel alignment measurements, or • a level of competence that is unlikely to compromise the safety of vehicle occupants or other road users. <p>This means there are minor gaps in your knowledge of, or skills in:</p> <ul style="list-style-type: none"> • the assessment of four-wheel alignment measurements, or • Transport Agency requirements (including VIRM requirements) relating to four-wheel alignment measurements, or • Transport Agency guidelines relating to four-wheel alignment measurements, or • the operation of the equipment you use for capturing four-wheel alignment measurements. 	<p>You can demonstrate comprehensive competence in the technical aspects relating to four-wheel alignment measurements.</p> <p>This means you can demonstrate comprehensive knowledge of, and skills in:</p> <ul style="list-style-type: none"> • the assessment of four-wheel alignment measurements, and • Transport Agency requirements (including VIRM requirements) relating to four-wheel alignment measurements, and • Transport Agency guidelines relating to four-wheel alignment measurements, and • the operation of the equipment you use for capturing four-wheel alignment measurements.
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<p>8.2.3</p>	<p>Technical equipment</p>			
	<p>Not all of the specified equipment is available. Where equipment is available, some or all of it is not in working order.</p>	<p>All specified equipment is available and in working order, but some or all of it is in poor condition.</p>	<p>All specified equipment is available, in working order and in at least adequate condition.</p>	<p>All specified equipment is available and in good condition and working order.</p>