

**Correct as at 28th June 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 It may be superseded at any time.**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><b>Correct technical decisions</b></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 <a href="#">VIRM: Light vehicle repair certification</a>.</p>	<p>The Transport Agency will:</p> <ul style="list-style-type: none"> <li>• talk to you</li> <li>• observe you at work</li> <li>• inspect vehicles which you have certified</li> <li>• inspect inspection and certification documents you use and complete</li> <li>• inspect information you enter into the Transport Agency computer system.</li> </ul> <p>The Transport Agency may:</p> <ul style="list-style-type: none"> <li>• take into account outcomes from complaints, random re-inspections and 'mystery shopper' exercises since your last review.</li> </ul>
8.1.2	<p><b>Technical competence</b></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><b>Correct technical decisions</b></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 <b>likely to compromise</b> the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>the chassis measurement readings are outside the tolerance of the manufacturer's instructions.</li> </ul>	<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 <b>may compromise</b> the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>the chassis measurement readings have been taken by a technician whose qualifications are unknown, or</li> <li>inadequate measurements have been taken to determine that the vehicle is within measurement specifications.</li> </ul>	<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 <b>unlikely to compromise</b> the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>the actual measurements have not been recorded.</li> </ul>	<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><b>Technical competence</b></p>			

<p>You demonstrate:</p> <ul style="list-style-type: none"> <li>• some competence in the technical aspects relating to three-dimensional chassis measurements, or</li> <li>• a level of competence that <b>may compromise</b> the safety of vehicle occupants or other road users.</li> </ul> <p>This means there are <b>some gaps in your knowledge</b> of, or skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of three-dimensional chassis measurements, or</li> <li>• Transport Agency requirements (including <a href="#">VIRM</a> requirements) relating to three-dimensional chassis measurements, or</li> <li>• Transport Agency guidelines relating to three-dimensional chassis measurements, or</li> <li>• the operation of the equipment you use for capturing three-dimensional chassis measurements.</li> </ul> <p>This means there are <b>significant gaps in your knowledge</b> of, or skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of three-dimensional chassis measurements, or</li> <li>• Transport Agency requirements (including <a href="#">VIRM</a> requirements) relating to three-dimensional chassis measurements, or</li> <li>• Transport Agency guidelines relating to three-dimensional chassis measurements, or</li> <li>• the operation of the equipment you use for capturing three-dimensional chassis measurements.</li> </ul>	<p>You demonstrate:</p> <ul style="list-style-type: none"> <li>• adequate competence in the technical aspects relating to three-dimensional chassis measurements, or</li> <li>• a level of competence that is <b>unlikely to compromise</b> the safety of vehicle occupants or other road users.</li> </ul> <p>This means there are <b>minor gaps in your knowledge</b> of, or skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of three-dimensional chassis measurements, or</li> <li>• Transport Agency requirements (including <a href="#">VIRM</a> requirements) relating to three-dimensional chassis measurements, or</li> <li>• Transport Agency guidelines relating to three-dimensional chassis measurements, or</li> <li>• the operation of the equipment you use for capturing three-dimensional chassis measurements.</li> </ul>	<p>You can demonstrate <b>comprehensive competence</b> in the technical aspects relating to three-dimensional chassis measurements.</p> <p>This means you can demonstrate <b>comprehensive knowledge</b> of, and skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of three-dimensional chassis measurements, and</li> <li>• Transport Agency requirements (including <a href="#">VIRM</a> requirements) relating to three-dimensional chassis measurements, and</li> <li>• Transport Agency guidelines relating to three-dimensional chassis measurements, and</li> <li>• the operation of the equipment you use for capturing three-dimensional chassis measurements.</li> </ul>
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<p><b>8.1.3</b></p>	<p><b>Technical equipment</b></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><b>Correct technical decisions</b></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 <a href="#">VIRM: Light vehicle repair certification</a>.</p>	<p>The Transport Agency will:</p> <ul style="list-style-type: none"> <li>• talk to you</li> <li>• observe you at work</li> <li>• inspect vehicles which you have certified</li> <li>• inspect inspection and certification documents you use and complete</li> <li>• inspect information you enter into the Transport Agency computer system.</li> </ul> <p>The Transport Agency may:</p> <ul style="list-style-type: none"> <li>• take into account outcomes from complaints, random re-inspections and ‘mystery shopper’ exercises since your last review.</li> </ul>
8.2.2	<p><b>Technical competence</b></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"> <li>• the assessment of four-wheel alignment measurements</li> <li>• Transport Agency requirements (including <a href="#">VIRM</a> requirements) relating to four-wheel alignment measurements and the assessment of four-wheel alignment measurements</li> <li>• Transport Agency guidelines relating to four-wheel alignment measurements</li> <li>• the operation of the equipment you use for capturing four-wheel alignment measurements.</li> </ul>	<p>The Transport Agency will:</p> <ul style="list-style-type: none"> <li>• talk to you</li> <li>• ask questions to check your competence relating to four-wheel alignment measurements and the assessment of four-wheel alignment measurements</li> <li>• observe you at work</li> <li>• inspect inspection and certification documents you use and complete</li> <li>• inspect your <a href="#">Training record</a>.</li> </ul> <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><b>Correct technical decisions</b></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 <b>likely to compromise</b> the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>the wheel alignment measurements are outside the tolerance of the manufacturer's instructions.</li> </ul>	<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 <b>may compromise</b> the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>inadequate measurements have been taken to determine that the vehicle is within measurement specifications.</li> </ul>	<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 <b>unlikely to compromise</b> the safety of vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>the actual measurements have not been recorded.</li> </ul>	<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><b>Technical competence</b></p>			

<p>You demonstrate:</p> <ul style="list-style-type: none"> <li>• some competence in the technical aspects relating to four-wheel alignment measurements, or</li> <li>• a level of competence that <b>may compromise</b> the safety of vehicle occupants or other road users.</li> </ul> <p>This means there are <b>some gaps in your knowledge</b> of, or skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of four-wheel alignment measurements, or</li> <li>• Transport Agency requirements (including <a href="#">VIRM</a> requirements) relating to four-wheel alignment measurements, or</li> <li>• Transport Agency guidelines relating to four-wheel alignment measurements, or</li> <li>• the operation of the equipment you use for capturing four-wheel alignment measurements.</li> </ul> <p>This means there are <b>significant gaps in your knowledge</b> of, or skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of four-wheel alignment measurements, or</li> <li>• Transport Agency requirements (including <a href="#">VIRM</a> requirements) relating to four-wheel alignment measurements, or</li> <li>• Transport Agency guidelines relating to four-wheel alignment measurements, or</li> <li>• the operation of the equipment you use for capturing four-wheel alignment measurements.</li> </ul>	<p>You demonstrate:</p> <ul style="list-style-type: none"> <li>• adequate competence in the technical aspects relating to four-wheel alignment measurements, or</li> <li>• a level of competence that is <b>unlikely to compromise</b> the safety of vehicle occupants or other road users.</li> </ul> <p>This means there are <b>minor gaps in your knowledge</b> of, or skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of four-wheel alignment measurements, or</li> <li>• Transport Agency requirements (including <a href="#">VIRM</a> requirements) relating to four-wheel alignment measurements, or</li> <li>• Transport Agency guidelines relating to four-wheel alignment measurements, or</li> <li>• the operation of the equipment you use for capturing four-wheel alignment measurements.</li> </ul>	<p>You can demonstrate <b>comprehensive competence</b> in the technical aspects relating to four-wheel alignment measurements.</p> <p>This means you can demonstrate <b>comprehensive knowledge</b> of, and skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of four-wheel alignment measurements, and</li> <li>• Transport Agency requirements (including <a href="#">VIRM</a> requirements) relating to four-wheel alignment measurements, and</li> <li>• Transport Agency guidelines relating to four-wheel alignment measurements, and</li> <li>• the operation of the equipment you use for capturing four-wheel alignment measurements.</li> </ul>
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<p><b>8.2.3</b></p>	<p><b>Technical equipment</b></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>