

Functional testing

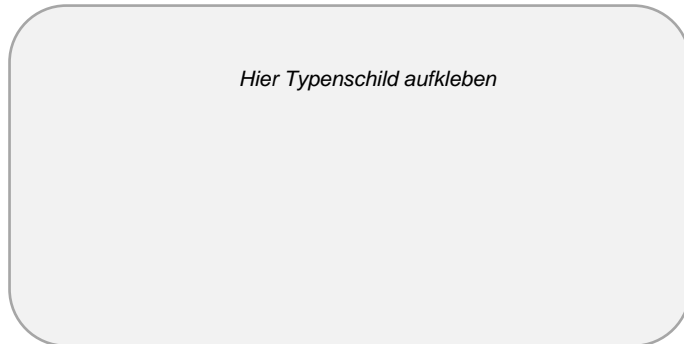
AXIS4000MB

Electronic Wheel Alignment

Camera Radio System

The operator must ensure that a periodic functional test for the following wheel alignment system is carried out in accordance with this instruction at regular intervals, at least every 12 months.

1. Wheel alignment system:



(Document remains with the customer)

Serial numbers	
• Left camera (L):	
• Right camera (R):	

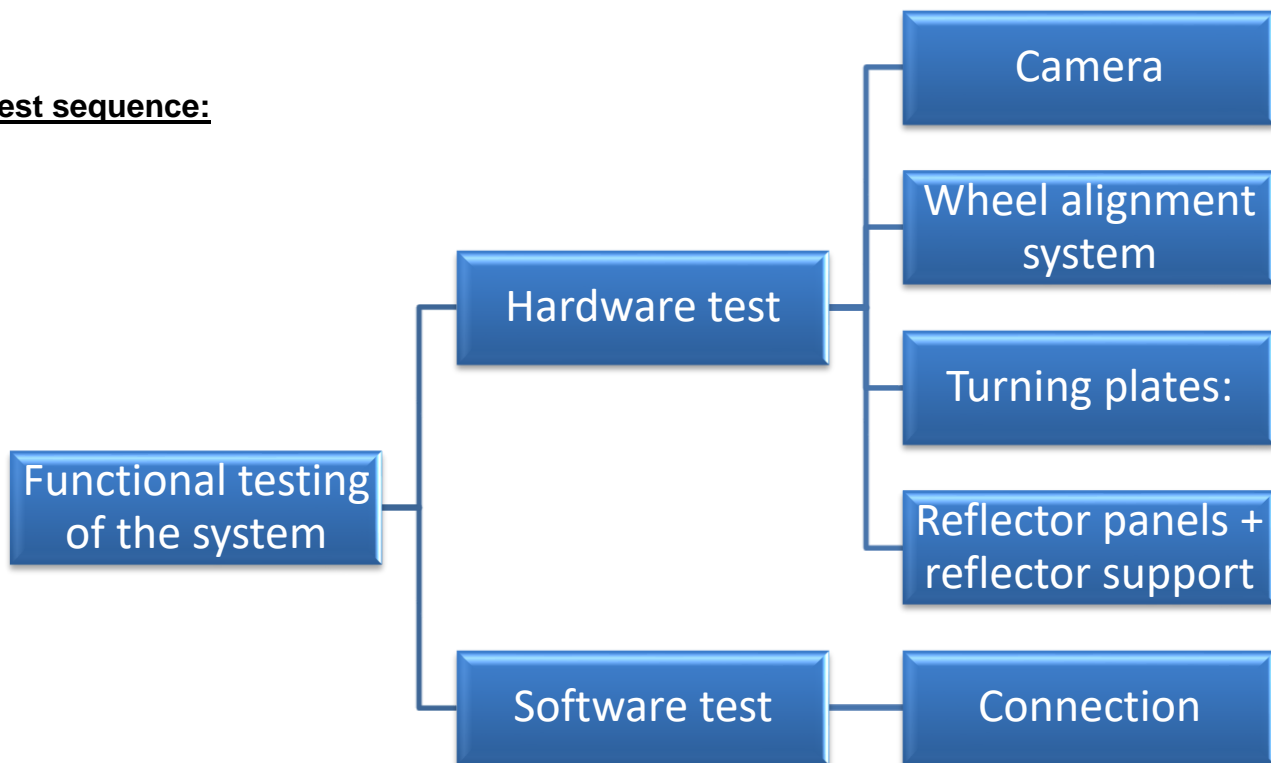
2. Operator:

3. Location of the system:

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4. Test sequence:



Functional testing of the system

The operator checks the functionality of the wheel alignment system.

Hardware test

This inspection relates to the individual parts and is a visual inspection and functional test. The functionality of the cameras and the transmitter is inspected in connection with the software. See point on connection check.

Camera:

Function: Locking bolt, visual inspection for damage to the camera housing.
 Function: On/off switch and LED control lamp.

Wheel alignment system:

Visual inspection of the camera holding pin. This must be vertical to the 3-arm clamping star. Visual inspection for cleanliness or damage to magnetic surfaces.

Turning plates:

Checking the functionality of the locking slides.
 Checking for ease of movement of the rotation of the turning plates.

Reflector panels + reflector support

Visual inspection of the reflector panels and inspection of the connector unit between reflector panels and supporting bars. Functional testing of the support elements.

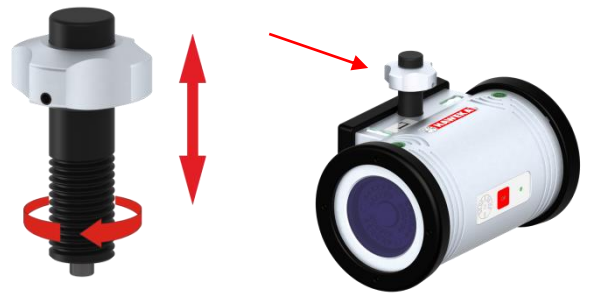
Software test:

Connection check

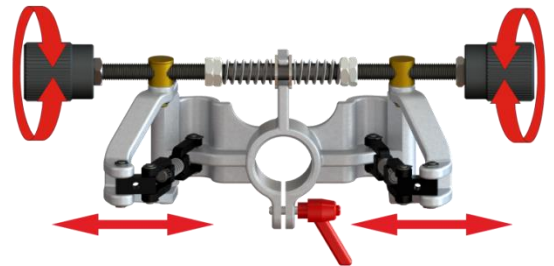
A connection check is carried out on the basis of the “*Program setting*” selection in the main menu. (See point 5)

Camera function

It must be possible to slightly rotate the camera locking bolt in the camera housing and the lifting motion of the bolt must not jam.

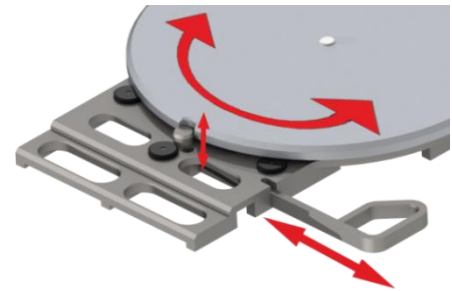


Function of the wheel alignment clamp



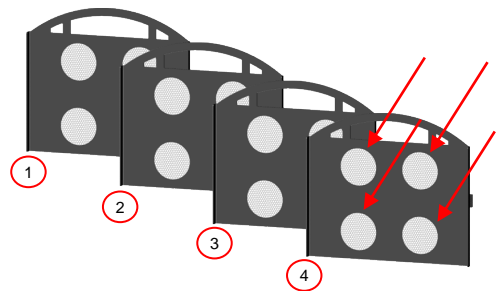
It must be possible to slightly rotate the spindle from the tensioning head in both directions. The swivel arms must not jam and they are kept in the middle in the same position by the spring force.

Function of the turning plates



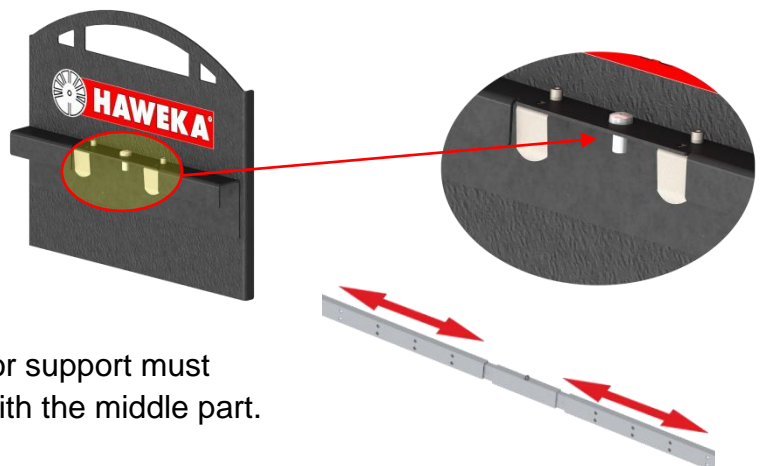
Check whether the hub can be locked via the slider. It must be possible to move and rotate the hub sideways in unlocked position.

Function of the reflector support and reflector panel



The reflector panels must not show signs of damage or defects in the foil in the respective 4 circles.

At the rear of the reflector panels, check that the abutment dowel is secure.



The raster for the exterior parts of the reflector support must lock on both sides in all positions and flush with the middle part.

5. Connection check

The connection between the cameras, the transmission-receiving unit and the program can be checked with this partial check.

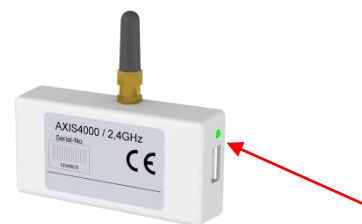
Step 1

Connect transmission-receiving unit to the PC device.

- Via the USB cable, connect transmission-receiving unit to the PC device where the AXIS4000MB software is located.

The green LED flashes briefly and the recipient is connected to the PC.

See also *AXIS4000MB Operating Instructions* from point 6.2.3 *Interface*.



Step 2

- Start AXIS4000MB program.

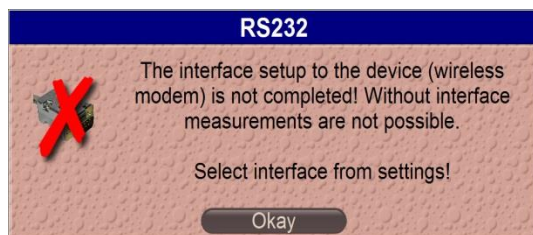


Hinweis

If the „RS232“ notification window appears when the program starts, then there is not connection from the transmission-receiving unit to the program.

Check whether the device is correctly detected in Windows device manager.

The drive can be reinstalled by the AXIS4000MB USB-Stick.



Step 3

Switch on camera.

- Press the “OK” button on the camera.

The green LED flashes briefly and the camera is active.



Step 4

- After the program starts, select the “Settings” button.

The green camera symbols are displayed at the top right in the overview of the *Program settings*.

In the interface area, the radio channel for the connection between camera and transmission-receiving unit is displayed.



See also *AXIS4000MB Operating instructions* from point 6.2.4 for further information on camera symbols and their meaning.



6. Test report

Date	Functional testing	Remark in the case of defects	Tester	Signature
	<input type="checkbox"/> All parts checked <input type="checkbox"/> Parts with defects			
	<input type="checkbox"/> All parts checked <input type="checkbox"/> Parts with defects			
	<input type="checkbox"/> All parts checked <input type="checkbox"/> Parts with defects			
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	<input type="checkbox"/> All parts checked <input type="checkbox"/> Parts with defects			
	<input type="checkbox"/> All parts checked <input type="checkbox"/> Parts with defects			
	<input type="checkbox"/> All parts checked <input type="checkbox"/> Parts with defects			
	<input type="checkbox"/> All parts were checked <input type="checkbox"/> Parts with defects			
	<input type="checkbox"/> All parts checked <input type="checkbox"/> Parts with defects			
	<input type="checkbox"/> All parts checked <input type="checkbox"/> Parts with defects			

If you detect faults in the function of the individual parts, then please contact the authorised dealer of your wheel alignment system.


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	<input type="checkbox"/> All parts checked <input type="checkbox"/> Parts with defects			
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