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## **TEXA RCCS 3: THE GREAT NEWS FOR THE WORLD OF ADAS**

**An innovative structure for the calibration of radars, lidars, cameras and sensors thanks to the digital representation of the panels. It always respects the 1: 1 aspect ratio, in line with the specifications of each manufacturer. Also available in the version with physical panels.**

**RCCS 3** is the brand new unit designed and engineered by TEXA for the ADAS calibration. The unit is available in two versions: **RCCS 3 with Monitor** and **RCCS 3 with Panels**. Both include maximum constructive technology and exceptional components.

RCCS 3 with Monitor is the top product in terms of performance and speed as it uses **the digital representation of the panels**, whereas RCCS 3 with Panels is intended to guest **physical targets**.

TEXA's solutions guarantee vast handling possibilities through a simple, quick, precise adjustment and can be used both with the toe and thrust axis check kit and in the optical alignment mode.

### **RCCS 3 with Monitor**

RCCS 3 with Monitor is TEXA's solution for setting radars, lidars, cameras and sensors through the digital representation of the panels.

In fact, it is equipped with a **75-inch HD screen, 4K definition**, which always offers an optimal display, meeting the 1:1 proportion ratio in line with the specifications of every manufacturer.

Furthermore, it is important to highlight that **it does not deform nor resize the images**.

This way workshops are sure to operate in the most proper and safe way, without risking to alter the vehicle's behaviour on the road.

RCCS 3 **communicates with the IDC5 software** and guides the mechanic, step-by-step, to the quick and automatic identification of the vehicle. The panel is selected and set in the monitor, with no possibility of error.

Thanks to continuous **software updates** that each time offer new vehicles and eventually new panels, and to the essential **help sheets** edited per make and model, users are sure to complete any operation with maximum precision and to the highest standards, relying on an extraordinary coverage.

### **Intelligence and safety thanks to the Mini "on-board" PC**

An actual **Mini PC** built into the unit, installed in the version RCCS 3 with Monitor, guarantees the use of an intelligent system that **synchronises the ICD5 software and the TEXA unit perfectly**.

The images of the panels are transmitted and positioned automatically, based on the vehicle selection made. They are displayed through a linear, safe and quick process.

### **Precise, simple and quick adjustments and movements**

RCCS 3 is made up by a very robust main support, which height can be adjusted thanks to its electrical operation. Using practical knobs, **it can be easily tilted to the side and forward**.

A handwheel and a laser level allow also performing millimetric side movements. On top of the unit there is another laser level, very useful for finding the centre of the vehicle simply pointing it onto the front logo.

The horizontal adjustment bar is equipped with two distance measurers and a reflecting plate, the latter with a central laser for the front radar's aiming.

RCCS 3 is easy to move within the workshop thanks to its **oversized pivoting wheels**.

This technological equipment allows positioning RCCS 3 and aligning it correctly with respect to the vehicle and to the ground **easily**, with **absolute precision** and in complete **safety**.

### **Vehicle ride height check kit**

Before any calibration, other than verifying the alignment of RCCS 3 with respect to the vehicle, it is important to also check the **ride height of the vehicle** you are working on.

To this end, in order to offer an even more complete and professional service, RCCS 3, in both versions, can be equipped with **four CCD electronic detectors** that can be installed either on the wheels, using the rim-clamping system, or on the sides of the horizontal adjustment bar.

The lightness of the detectors and the absence of connection cables between the front and the back, confer maximum practicality and **absolute accuracy** when measuring the vehicle angles.

### **An ad-hoc solution for wheel alignment and toe**

The high accuracy when checking the vehicle ride height is also guaranteed by the use of the TOE AND THRUST ANGLE CHECK, the software application that allows carrying out two types of operations:

- a quick check of the alignment of RCCS 3 with respect to the vehicle's thrust angle and to the workshop's floor;
- checking the wheel toe.

These procedures are essential for preparing the vehicle for the following camera and/or radar calibration phase.

### **Also with the optical alignment**

Other than the version with toe and thrust axis check, RCCS 3 is also available in the highly performing optical alignment mode. This configuration uses wheel clamps and was designed to complete all the operations on radars and cameras in a quick and precise way.

In order to align the vehicle, two practical aiming bands are used, onto which the lasers of the two distance measurers on the unit's main axis are addressed.

### **With the IDC5 software all the information to support all operations**

TEXA's solutions must be used in combination with the IDC5 diagnostic software that allows completing any operation quickly.

In fact, the application provides specific diagnostic help sections for each make/model, with the instructions (such as panel height, distance from the vehicle, alignment, etc.) for the correct positioning of the unit, guiding you step-by-step throughout the procedures.

Furthermore, at the end of the calibration, you can print a report to hand over to the customer with the evidence of the operations carried out.

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