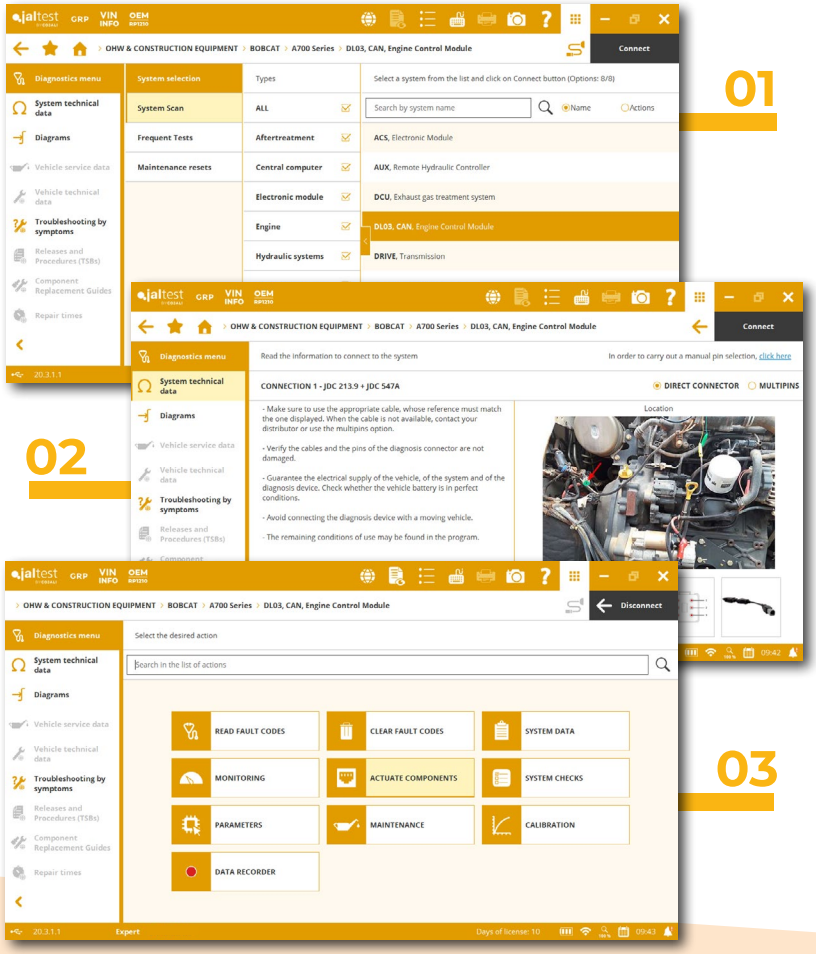
Jaltest Coverage
Bobcat Injectors Calibration



It is normal that after hundreds of hours of use, the engine performance of our construction equipment begins to deteriorate. For this reason, technicians are used to change the injectors often. Every time we do these changes, we need to insert the new injectors' codes in the ECU. Some workshops spend a lot of resources sending the machinery to official dealers or purchasing the OEM software and hardware of each manufacturer in order to be able to perform these injector calibrations.

With Jaltest you will be able to execute injector calibrations by yourself, saving money and time.

The following screenshots show how Jaltest OHW can carry out injector coding in Bobcat Equipment.

For this action we will work on the engine system. See pic. 1. Note that Jaltest goes far past the engine. Hydraulic systems, transmission, central computer and the rest of the systems are also covered..

Before connecting, Jaltest provides you with a lot of technical information through the menu that is on the left side. For example, Wiring Diagrams, System Technical Data or Troubleshooting. Moreover, Jaltest helps you with the connection to this Bobcat A700 Series, showing you how to hook up: the location, the pinout, the cable needed (JDC213.9) and the adaptor (JDC547A). This information is very useful in Bobcat because there are a lot of different cables and type of connections (pic 2).

Once we have connected to the Central Computer of the Engine, you will see the main Jaltest Diagnostics Menu (pic 3), where you can read fault codes, display live data, carry out different system checks, parameters and calibrations.

By clicking on Parameters, you will be able to perform the injector calibration within three easy steps:

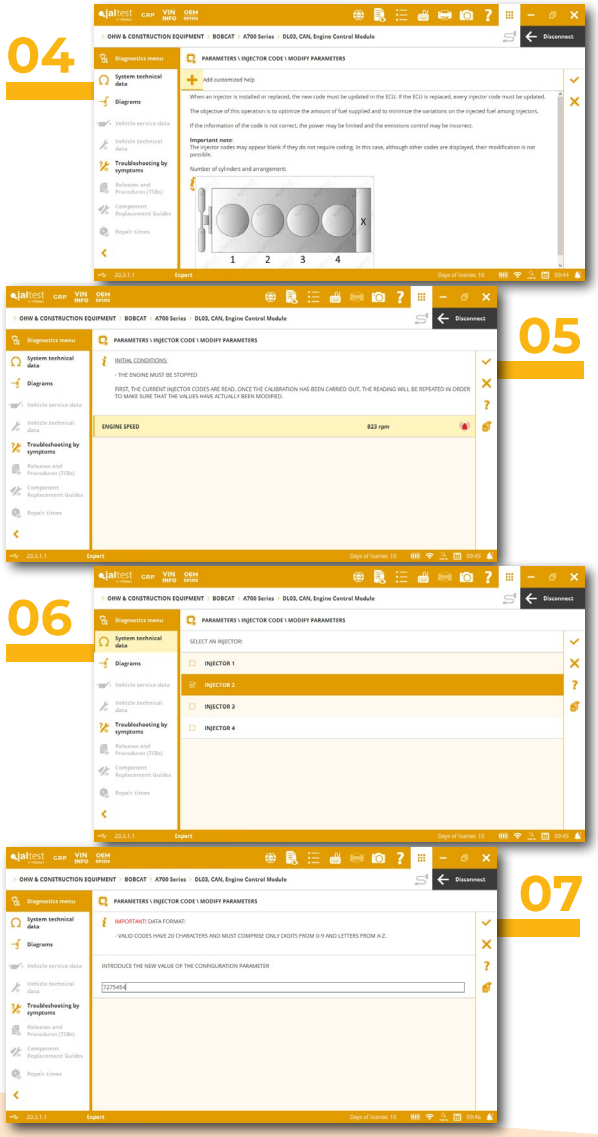
1 Explanation of the action (pic 4)

2 The initial conditions required before performing the action and the current engine performance: ready or not. (pic 5)

3 The action itself: select each injector and introduce its new value (pic 6 and 7).

Once it has concluded Jaltest will show you the new Injector Codes registered in the ECU.

This is an easy and guided process. That's how Jaltest works. Don't waste your time and money, use Jaltest OHW!



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click on images to enlarge

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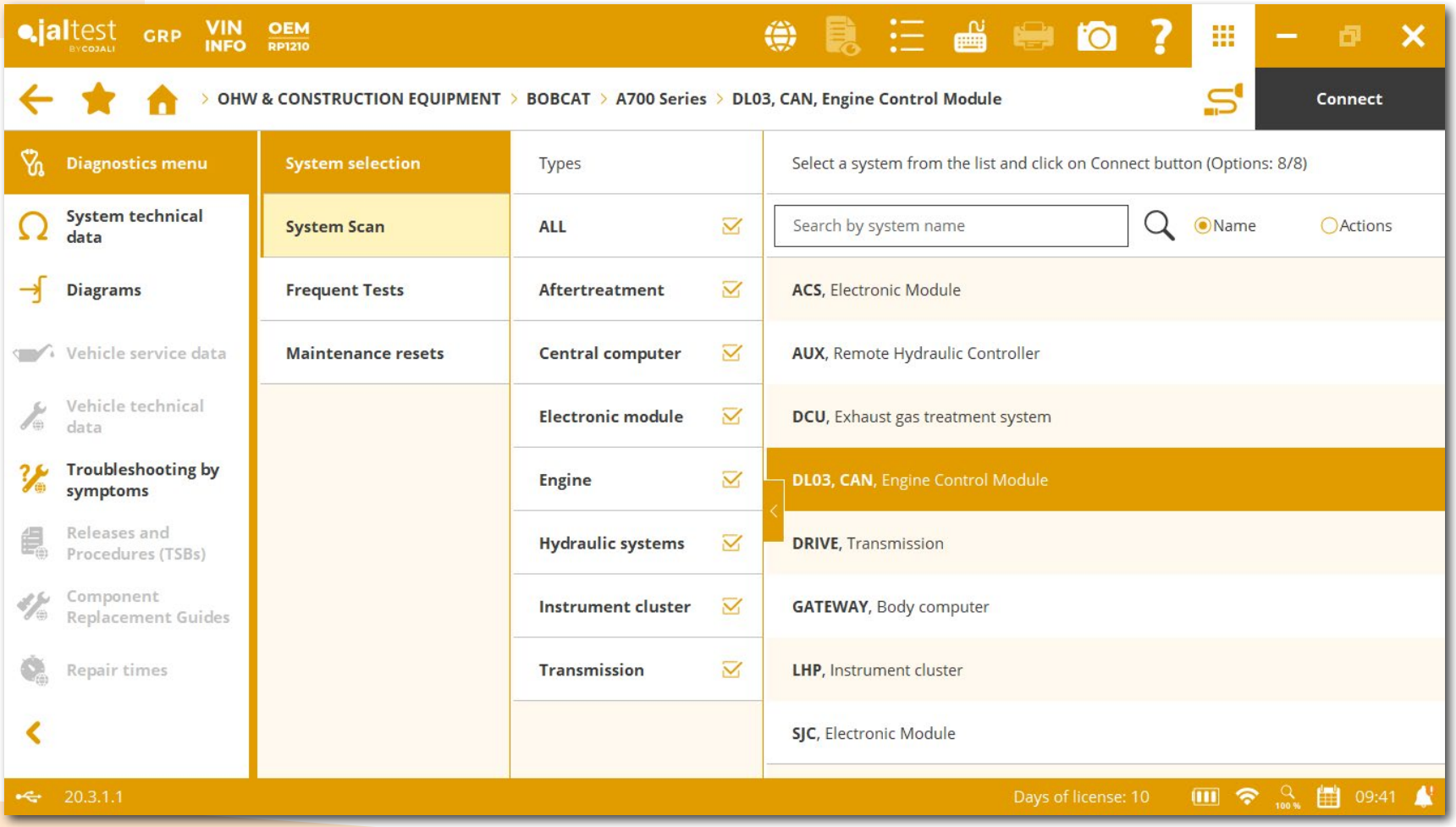

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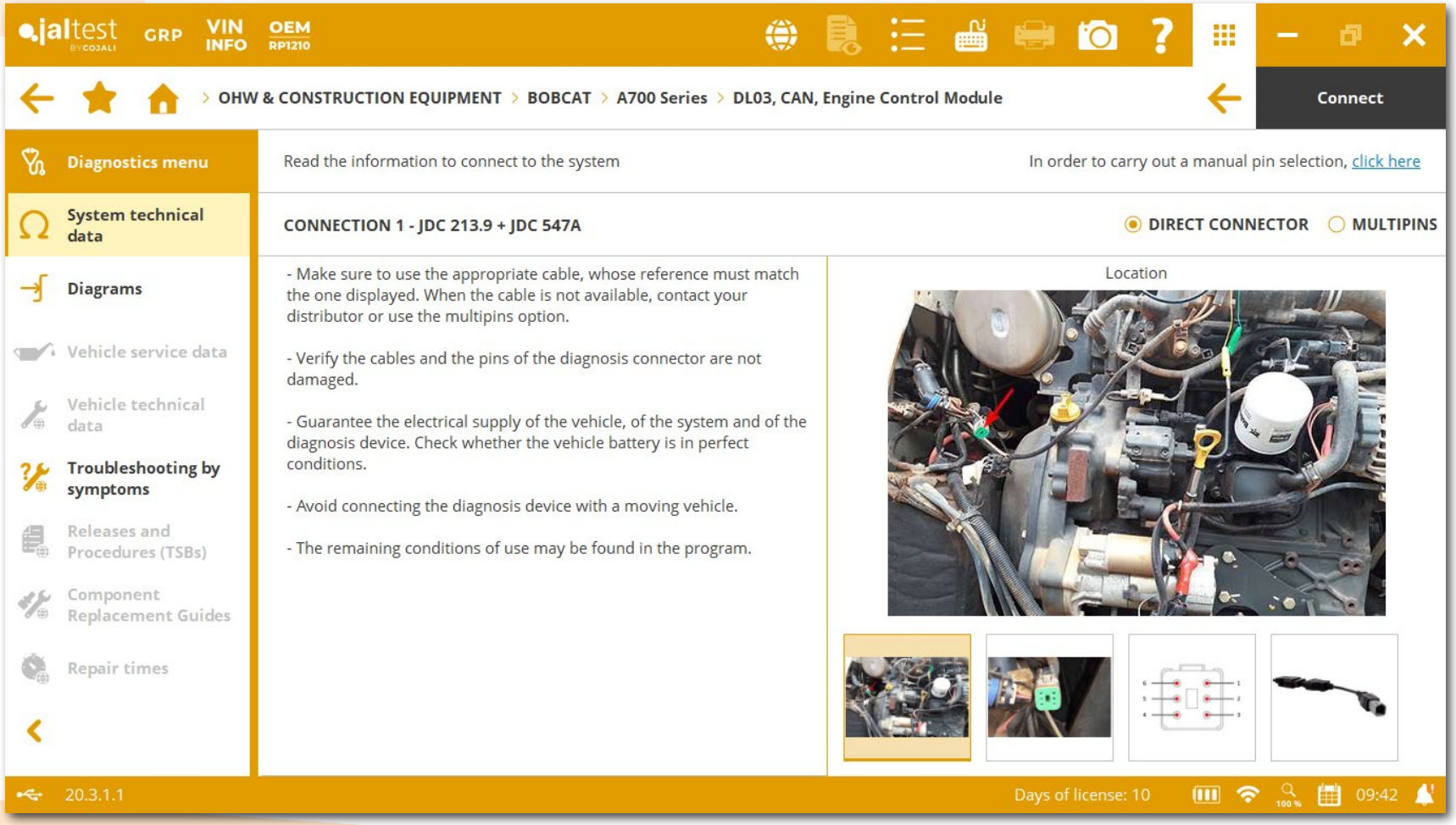

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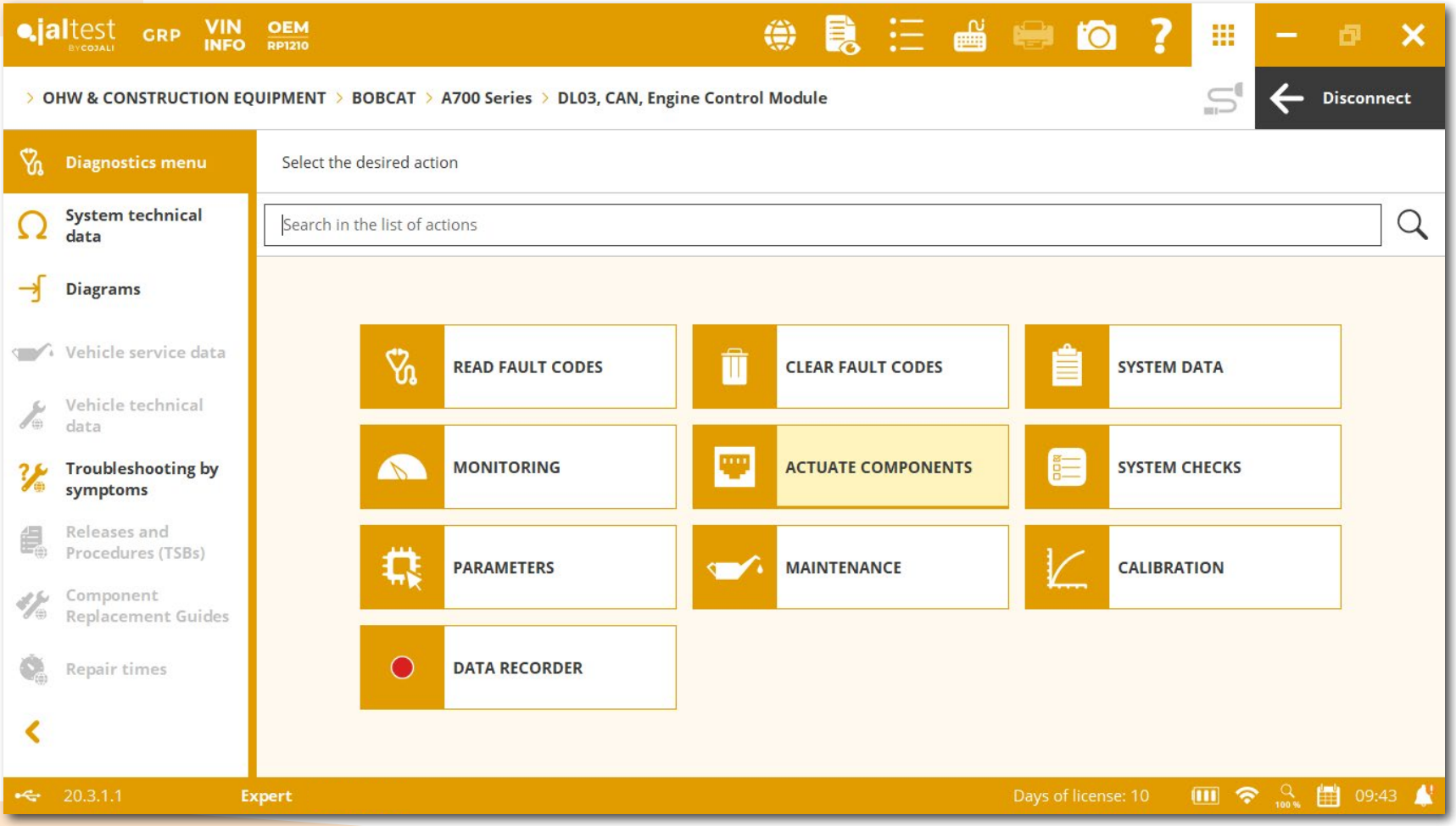

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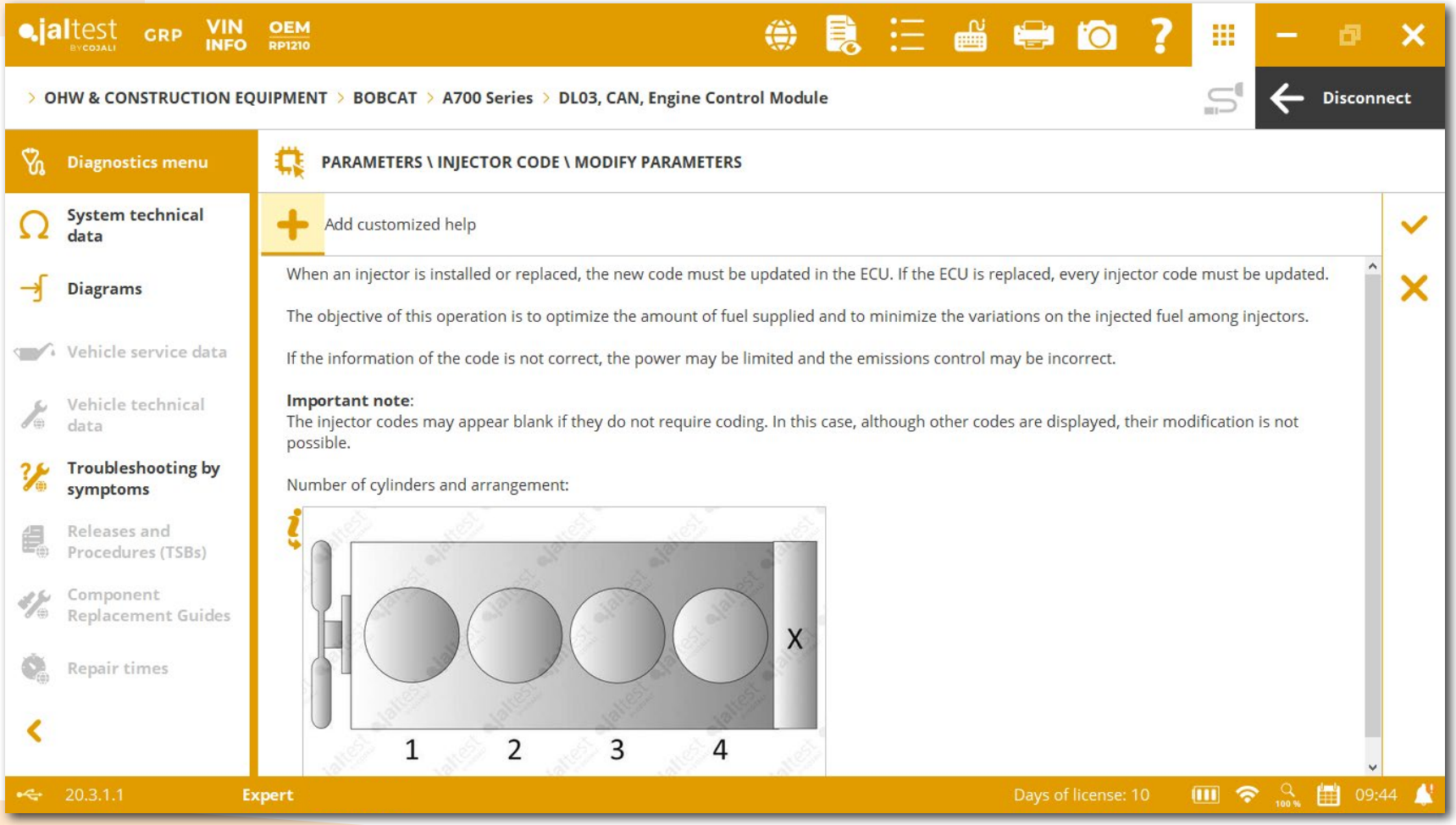

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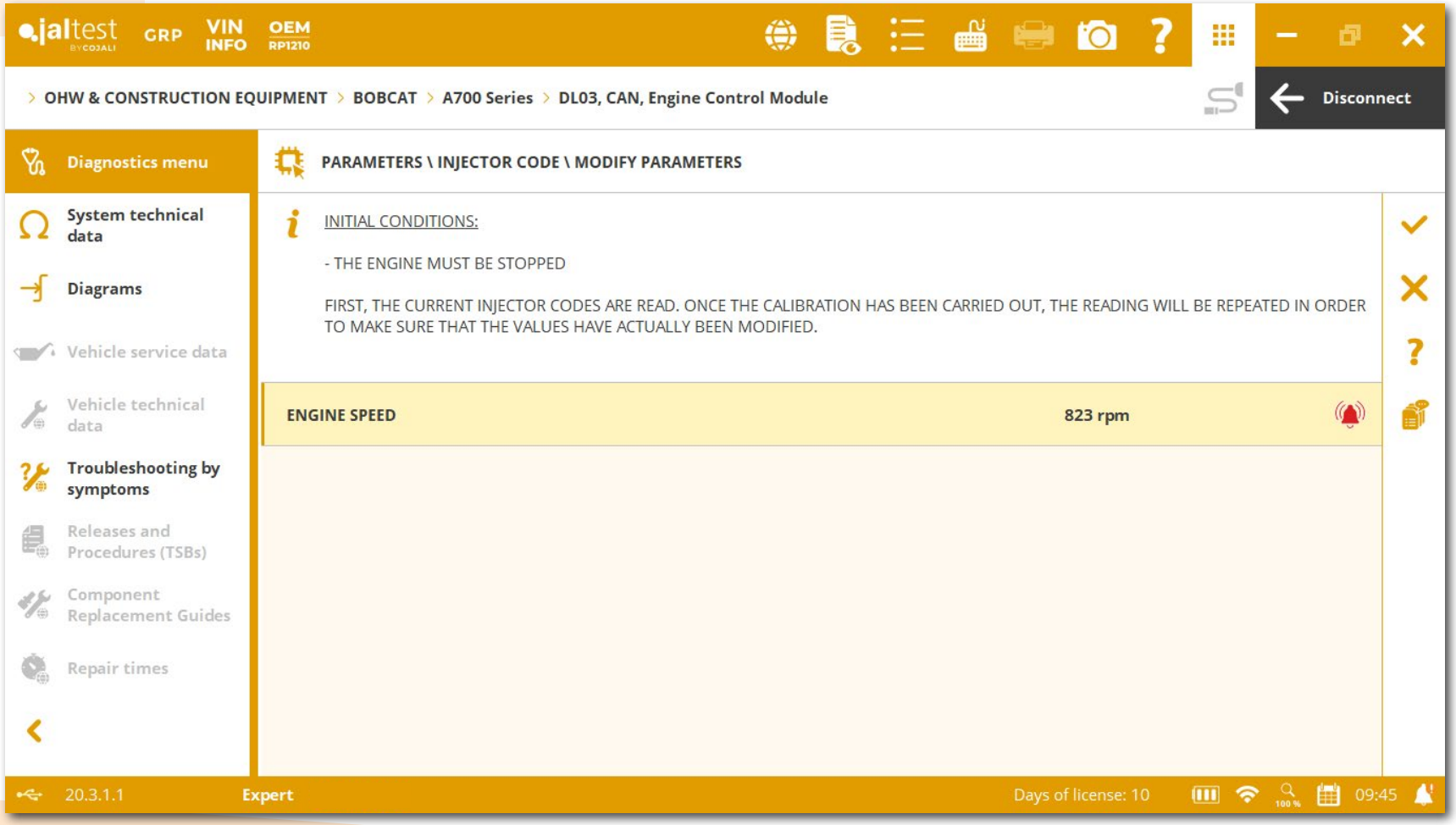

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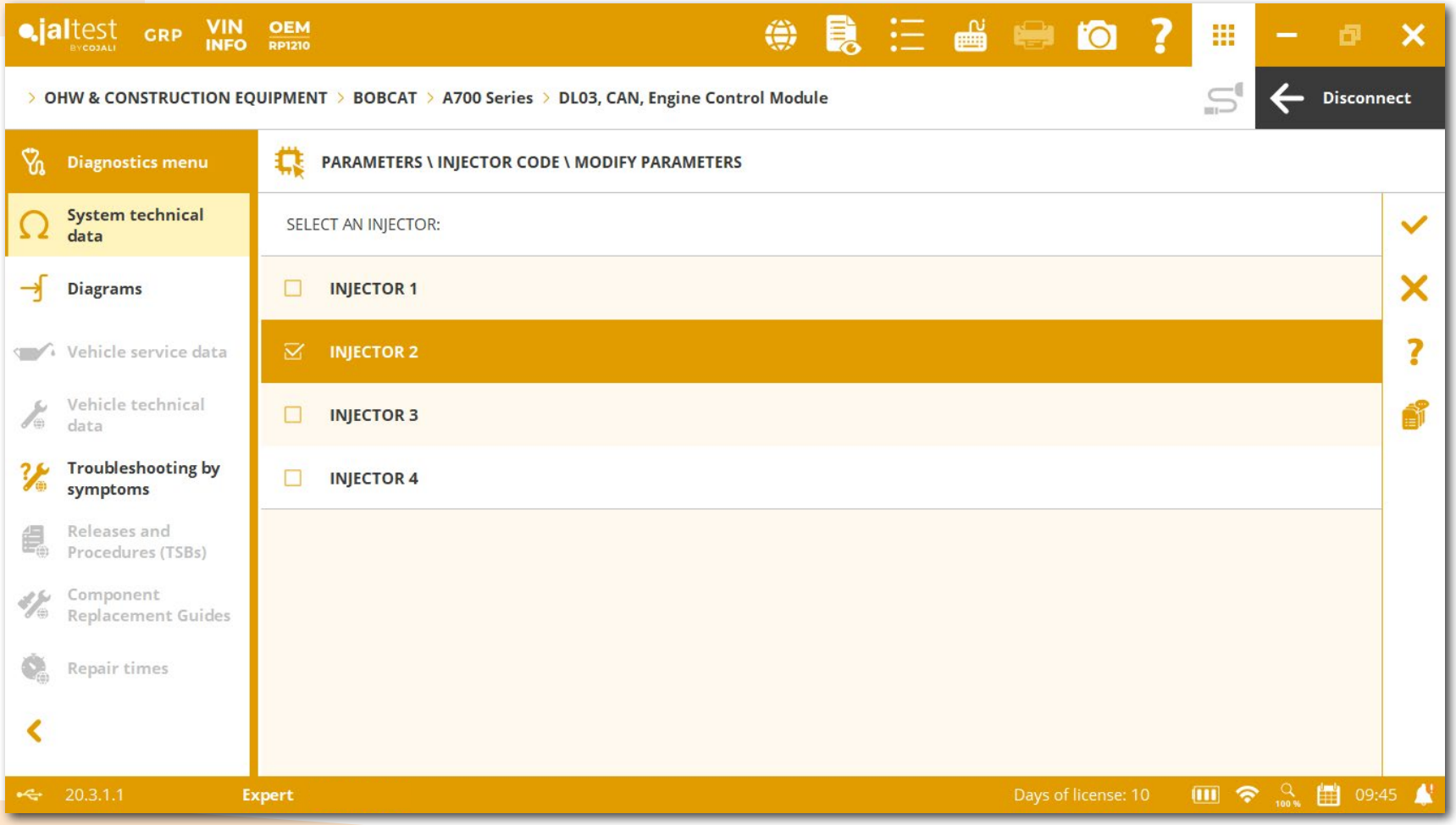

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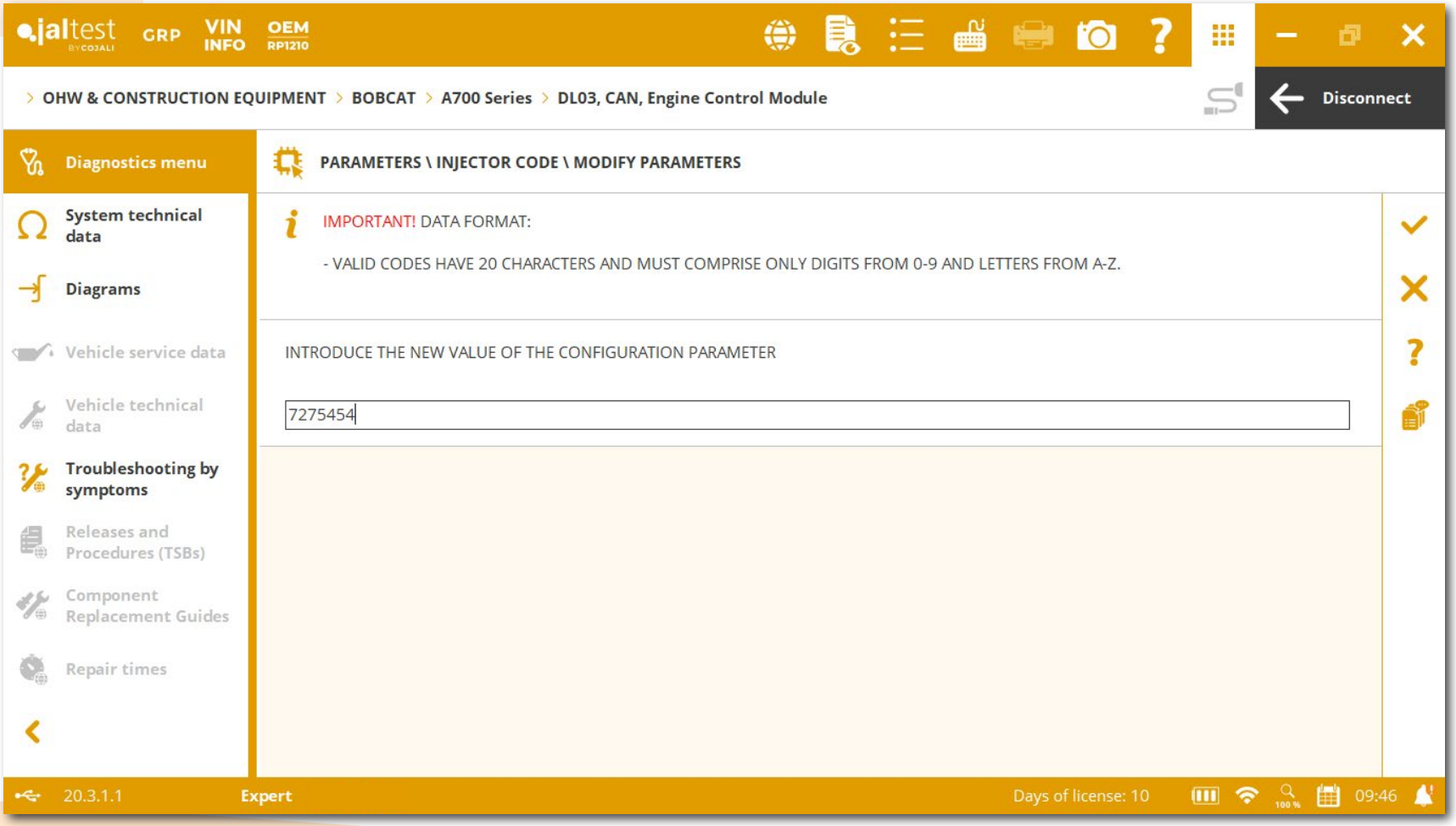

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