

Automotive Technology Teaching & Training

Ref.: MT-VRC-C3

The MT-VRC-C3 model is a teaching support intended for studying the operation of an automotive central locking system.



# OBJECTIVES

- Observe, analyze and understand the operation of a central locking system.
- Investigate and develop a functional and structural analisys of the operation of an existing central locking system.

DESIGN

Steel chassis model with epoxy paint; it embeds automotive real components working in the same conditions than at the vehicle. It is equipped of a control panel having a diagnostic plug for diagnosis operations.

## **SPECIFICATIONS**

#### **Real components:**

- Vehicle's central unit ECU
- Steering wheel ECU with switches
- 2 front doors lock
- 2 rear doors lock
- 1 trunk lock
- 1 contact key switch
- 1 set of key with HF remote
- A general close and opening push button
- A trunk release push button
- A diagnostic plug

## ACCESSORIES

This module may be associated with **EXXCITEST**® breakout boxes those allow an efficient access to measurement points. Each breakout box fits with the car manufacturers cables sections standards and therefore generates no disturbance on the vehicle. Measurements are done using delivered test leads.

BM204	Breakout box: 40 channels MQS + 10 channels Cinch. <i>BSI Can Van et Full Can</i>	
BM215	Breakout box: 16 channels Green, 16 channels Grey and 10 channels White. <i>BSI Full Can</i>	

BM216	Breakout box : 40 channels White. <i>BSI Full Can</i>	
BM217	Breakout box : 40 channels Blue. <i>BSI Full Can</i>	

If you want to add a diagnostic to this assemble plug you can use an **EXXIITEST**® CL550, multi-functions tester bringing together the functions of Oscilloscope, Mutimeter and OBD II scantool.

- 100% evolutionary: USB PC link for printout, data export, updates,
- The software delivered with CL550 allows the measuring screens archiving, printing or video projection from a PC.
- 100% EXXITEST®: easy, user friendly and efficient.

#### Main features:

- 2 channels multi-meter with trace mode,
- 2 channels Oscilloscope,
- OBD II 9 modes Scan tool.

## OTHER

- Delivered with:
  - Power supply 12,5 V 10A.
  - User guide and pratical guide.
- Power supply: 12V/25A power supply (included)
- Size: 800 X 600 X 400 mm (transportation box)
- Gross weight : 17 Kg (ready to ship)
- Net weight: 15 Kg