



# KANGOO CLIO II

Type

S/Section

XC0

X

87

XB0

X

87

## 87 AUTOMATIC DOOR LOCKING WHEN DRIVING

*Other sub-section concerned:*

88

- Engine: XXX
- Gearbox: XXX

**Basic manual:**

- Workshop Repair Manuals 325 and 337
- Technical Notes 3112A and 3248A

From now on, the KANGOO and CLIO II are fitted with a system for locking doors when driving.  
The engine immobiliser system and the radio frequency remote control are not changed.

"The repair methods given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The methods may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed."

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### GENERAL

This device is controlled by the multi-timing unit (BMT) on the CLIO II and by the decoder unit on the KANGOO.

If the system is activated it automatically locks the vehicle doors when it passes a speed of **approximately 8 km/h**.

On the CLIO II, the red tell-tale light (symbolised by a padlock) located on the door locking/unlocking button shows, if it is illuminated, that the vehicle doors are locked (not tell-tale light on the KANGOO).

This function can be activated or deactivated by the customer (ignition on) by pressing the door locking/unlocking button for **approximately 5 seconds**:

- until an audible signal is heard on the CLIO II,
- until the doors are locked or unlocked on the KANGOO (locking side to activate the function or unlocking side to deactivate the function).

The doors can be opened once they have been locked by the system in the following manner:

- When the driver or front passenger opens their door from the inside, all the vehicle locks are automatically unlocked,
- When a rear passenger opens their door from the inside of the vehicle (after manually releasing the locking lever), all the vehicle locks are automatically locked,
- The doors can be unlocked using the centralised door locking button.

Once the speed threshold passes approximately **8 km/h** again, the doors will lock again automatically.

In case of an accident, a security device unlocks the doors automatically and activates the vehicle's hazard warning lights.

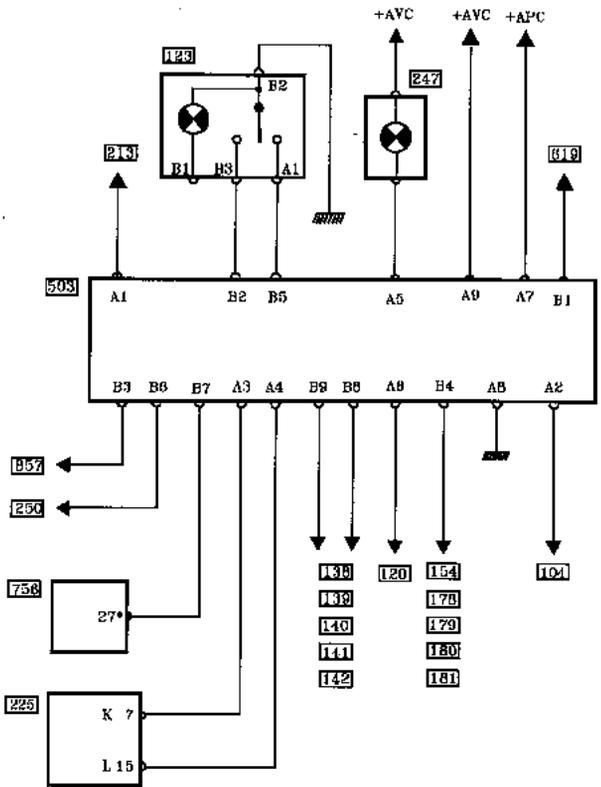
### DESCRIPTION

This system uses the following to function:

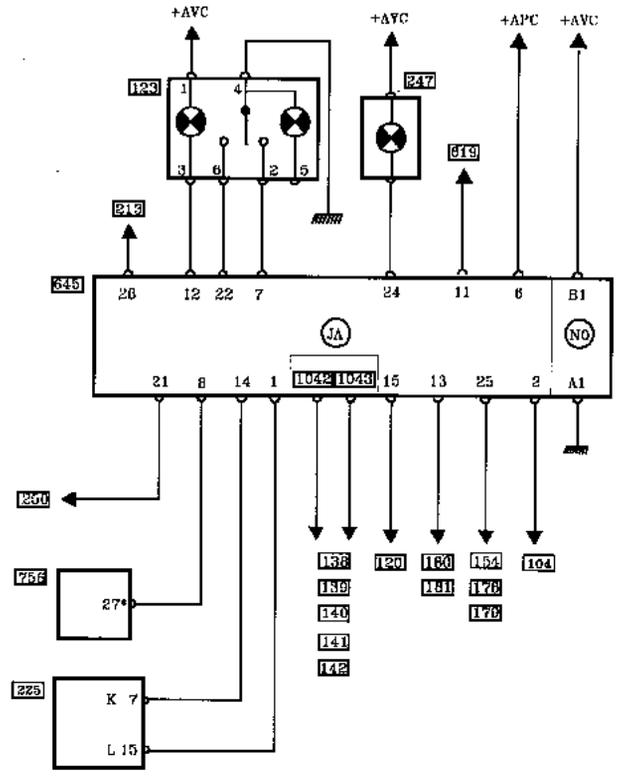
- The vehicle speed information to lock the doors automatically once the threshold of **8 km/h** is reached.
- The "impact" information given by the "airbag/pretensioner" computer to unlock the doors in case of accident,
- on the CLIO II, the door locking tell-tale light (symbolised by a padlock) located on the door locking/unlocking button which informs the vehicle users of the locks closure status.

DIAGRAMS

KANGOO



CLIO II



### PARTS LIST

104	Immobiliser antenna ring
120	Injection computer
123	Door locking/unlocking button
138	Right-hand rear door locking/unlocking motor
139	Left-hand rear door locking/unlocking motor
140	Driver's door locking/unlocking motor
141	Passenger's door locking/unlocking motor
142	Tailgate locking/unlocking motor
154	Luggage compartment door switch
178	Right-hand rear door switch
179	Left-hand rear door switch
180	Driver's door switch
181	Passenger's door switch
213	Courtesy light
225	Diagnostic socket
247	Instrument panel (immobiliser warning)
250	Vehicle speed sensor
503	Decoder unit (KANGOO)
619	Radio frequency transmitter
645	Multi-timing unit (BMT) (CLIO II)
756	Airbag computer
857	Flasher relay
1042	Door locking relay (CLIO II)
1043	Door locking relay (CLIO II)

**NOTE:** To fully understand the connection of system elements, refer to the corresponding "wiring diagrams" Technical Note.

### DOOR LOCKING TELL-TALE LIGHT (CLIO II only)

This tell-tale light (symbolised by a padlock) is located on the door locking/unlocking button and is controlled by the multi-timing unit (BMT). It informs the vehicle users of the door closure status.

#### Conditions when this tell-tale light illuminates when the doors are locked:

- **by remote control:** the tell-tale light illuminates for **approximately one minute** then extinguishes,
- **by the door locking/unlocking button:** the tell-tale light remains lit,
- **by the automatic locking system when driving:** the tell-tale light remains lit.

**NOTE:** if one of the doors is open or badly closed the light will not illuminate.