



– Outside France: All networks.

CLIO 2 MÉGANE SCÉNIC

See list on next page

fitted with K4J 710, K4J 711 or K4J 714 engines.

17B MOTORIZED THROTTLE BODY CONNECTOR
OTS: **0A4Z** MARK.: **G1**

Other sub-section concerned: **999**

- Engine: **K4J 710-711-714**
 - Gearbox: **XXX**
- Basic manual: **XXX**

**The vehicle fabrication cut-offs are for information only,
it is ESSENTIAL to check that the vehicle is affected by OTS 0A4Z before starting any
work**

• **Countries with PGCS**

Network with ICM:	Refer to ICM for the list of OTS's to be implemented.
Network without ICM:	If square G1 is not marked with a cross on the blue label, contact your primary network who will check in ICM

• **Countries without PGCS**

If square **G1** is not marked with a cross on the blue label, the vehicle is affected.

"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."

All copyrights reserved by Renault.

Copying or translating, in part or in full, of this document or use of the service part reference numbering system is forbidden without the prior written authority of Renault.

PETROL INJECTION
Motorized throttle body connector

17B

LIST OF VEHICLES CONCERNED

Vehicle type	Type	from	to
CLIO 2	BB0 P	F 000022	F 021004
		W 030000	W 030003
		Y 004659	Y 025000
	BB1 L	F 000001	F 008213
		W 000001	W 006830
		Y 000001	Y 022876
	BB1 3	F 000001	F 000228
		W 000001	W 000059
	CB0 P	F 260000	F 260007
		W 025000	W 025003
	CB1 L	Y 000766	Y 021003
		F 000001	F 003034
		W 000001	W 003328
		Y 000001	Y 021946

Vehicle type	Type	from	to
MEGANE	BA1 H	E 000001	E 002321
	DA1 H	E 000001	E 000163
	EA1 H	K 000001	K 000473
	KA1 H	R 000001	R 000386
SCENIC	LA1 H	E 000001	E 000165
	JA0 D	D 260000	D 269967
	JA1 H	D 000001	D 021236
	JA1 0	D 000001	D 260004

PETROL INJECTION
Motorized throttle body connector

17B

SUBJECT

Preventive operation:

- Replace motorized throttle body connector.
- Reprogram the injection computer.

CLAIM COMPLETION AND CODING

Destination of removed parts:

- **UK market:** MUST be returned to COMEX Lutterworth.

Accounts procedure:

- Request for reimbursement or individual claim, depending on the country
- Nature of expense:
- Expense code: **91**
- Parts at cost price.
- Labour at contractual warranty rate
- Closure date: **unlimited**

Code OTS: **0A4Z**
(0 = figure zero)

Operation code	Title	Time allowed (in hours)
0097	OTS check (must be claimed if operation has already been carried out)	0.5
8999	Replace connector	0.5
0406	Reprogram petrol injection type II	0.4
0129	Simple test	0.5
	TOTAL	1.9

PETROL INJECTION

Motorized throttle body connector

17B

AFTER-SALES SOLUTION

Operation to be carried out:

- Replace motorized throttle body connector.
- Reprogram the injection computer.

The reprogramming CD changes the injection computer part numbers as follows:

Vehicles	Part number before reprogramming	Part number after reprogramming
CLIO 2	82 00 189 318	82 00 204 296
	82 00 168 321	
	82 00 119 522	
	82 00 189 330	82 00 204 297
	82 00 173 881	
	82 00 168 322	
	82 00 164 245	
	82 00 189 336	82 00 204 299
	82 00 168 323	
	82 00 164 246	
MEGANE & SCENIC	82 00 148 659	82 00 204 300
	82 00 136 017	
	82 00 148 660	82 00 204 302
	82 00 136 020	
	82 00 148 661	82 00 204 303
	82 00 136 022	
	82 00 148 663	82 00 204 304
	82 00 136 025	

Vehicles concerned:

- See vehicle types and fabrication cut-off details on title page.

When to take action:

- Upon receipt of a customer contact, recall letter and/or when the vehicle is first brought to the workshop.

Parts required:

- 1 throttle body connector kit

Part number: 77 01 053 869

incorporating:

- 1 connector fitted with wires and sleeves
- 1 yellow position lock
- 1 strap clip

Tooling required:

- Conventional.
 - Proner-type crimping tool
 - Hot air gun.
 - **CLIP** or **OPTIMA 5800** fitted with the latest update: **tool CD version No. 20**
 - **NXR** fitted with the latest update: **tool CD version No. 20**
 - 1 reprogramming CD from **version No. 10 Part number: 00 00 151 500**
- Note:** The latest edition of this part number contains all previous programming.

Description of the operation:

- Replace the motorized throttle body connector (according to the procedure on the next page).
- Reprogram the injection computer (according to the procedure on the next page).

Marking the vehicle after the work has been carried out:

- Affix a blue label, **Part No.: 49 39 031 079**, to the driver's side front shock absorber turret.
- Make a cross in square **G1** using a marker pen

For UK Market:

Mark a cross in square **G1** using a marker pen.

Note: On current vehicles the matrix box is printed at the rear of the Service booklet.

In the absence of the matrix box, affix a blue label,

Part No.: 49 39 031 070, to the rear inside cover of the Service booklet. Transfer previously marked squares to the new label and remove and destroy the old label.

REPLACING THE MOTORIZED THROTTLE BODY CONNECTOR

- Disconnect the battery.
- Remove the retaining clip from the electric wiring harness of the motorized throttle body (A) (**Fig. 1**).
- Remove the yellow position lock (B) (**Fig. 1**) if it is present.
- Disconnect the motorized throttle body connector (C) (**Fig. 1**).

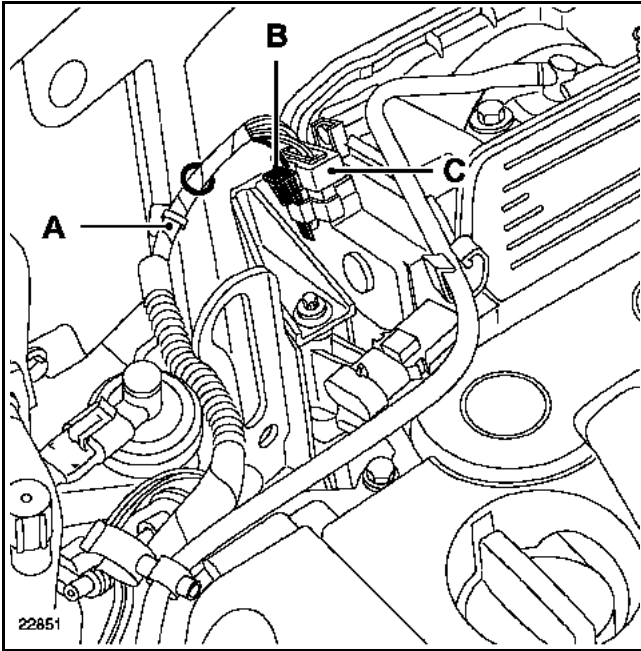


Fig. 1

- A – Retaining clip
- B – Yellow position lock
- C – Motorized throttle body connector

- Remove 150 mm of the wiring harness protection starting at the connector.
 - Connect tracks 1, 2, and 3:
 - Cut the wire of track 1 of the electric wiring harness of the motorized throttle body 70 mm from the connector.
 - Strip the wire and crimp it in the wire sleeve of track 1 of the kit connector.
 - Heat the sleeve to ensure that the crimping is watertight.
 - Repeat the operation for tracks 2 and 3.
 - Connect tracks 4, 5 and 6:
 - Cut the wire of track 4 of the electric wiring harness of the motorized throttle body 100 mm from the connector.
 - Strip the wire and crimp it in the wire sleeve of track 4 of the kit connector.
 - Heat the sleeve to ensure that the crimping is watertight.
 - Repeat the operation for tracks 5 and 6.
- Note:** It is essential to comply with the track assignments. The colours of the motorized throttle body connector kit wires do not necessarily correspond to the colours of the vehicle electric wiring harness.
- Tape up the wiring harness, stopping 30 mm from the connector.

- Position the new retaining clip in place of the one that has been removed without tightening the strap.
- Connect the connector to the throttle body, applying a heavy pressure. A clicking sound confirms that the connector is in the right position and is properly locked.

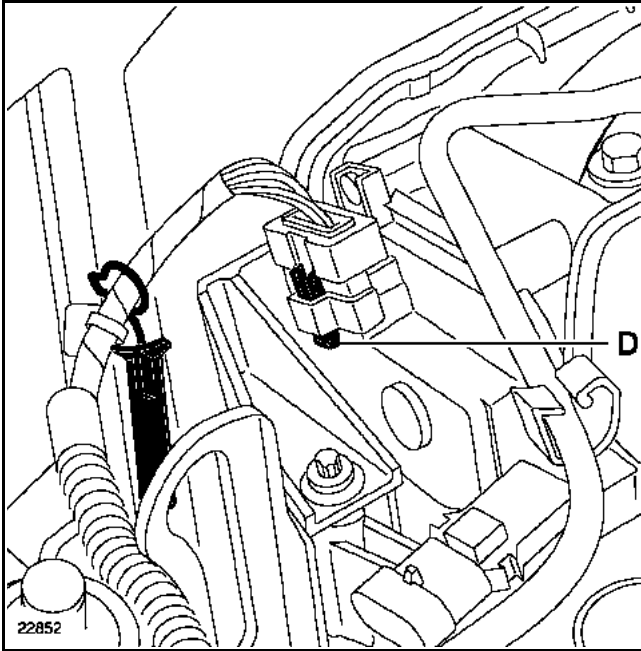


Fig. 2

D – Locking lug

- Confirm locking by pressing on the connector locking lug (D) (**Fig. 2**):
 - If the connector is positioned correctly, pressure puts it in contact with the motorized throttle body.
 - If the connector is incorrectly positioned, the locking lug (D) (**Fig. 2**) is jammed against the throttle body locking tab. If this is the case, disconnect the connector and then reconnect (check that the seal is correctly positioned).
- Attach the yellow position lock (B) (**Fig. 1**) to the connector.
- Tighten the retaining clip strap in such a way as to support the wiring harness.
- Reconnect the battery.
- Reset all the components which lost their AVC feed when disconnecting the battery (radio, clock etc.).
- Reprogramme the injection computer (see next page).
- With diagnostic tool, clear the injection faults present.
- Carry out a roadtest.

REPROGRAMMING THE INJECTION COMPUTER

During the reprogramming phase:

- Do not confirm the PIE part number or Battery voltage screens, wait for the next screen.
- Do not work on the vehicle or on the diagnostic tool.

CLIP/OPTIMA 5800 DIAGNOSTIC TOOL:

- Switch on the diagnostic tool.
- Switch on the ignition.
- Insert the REPROGRAMMING CD ROM into the CD ROM drive.
- Select the REPROGRAMMING menu and follow the instructions given on screen.

At the end of the reprogramming sequence, follow the instructions displayed on the screen and wait for the WARRANTY SCREEN.

- Note the CODECAL on the Repair Order sheet and the example part number: 77 11 133 557.
- Select END OF FAULT FINDING PROCEDURE,
- Test all the computers, deal with any faults present.
- Check that the systems on the vehicle are configured correctly, using the COMMAND menu.

After programming check the computer part number.

NXR DIAGNOSTIC TOOL:

- Install the diagnostic tool in its socket.
- Switch on the diagnostic tool.
- Switch on the ignition.
- Insert the REPROGRAMMING CD ROM into the CD ROM drive.
- Select the REPROGRAMMING menu and follow the instructions given on screen.
- At the end of the reprogramming sequence, follow the instructions displayed on the screen and wait for the WARRANTY SCREEN.
- Note the CODECAL on the Repair Order sheet and the example part number: 77 11 133 557.
- Select END OF FAULT FINDING PROCEDURE, then the vehicle and the system.
- Test all the computers, deal with any faults present.
- Check that the systems on the vehicle are configured correctly, using the COMMAND menu.

After programming check the computer part number.

REPROGRAMMING IMPOSSIBLE

If reprogramming stops at the start of downloading with the message: Conditions for execution not met:

- Switch on the ignition but do not start the engine.
- Confirm.
- Exit from the reprogramming menu.
- Switch the ignition off and back on again immediately.
- Start reprogramming again from the beginning.

If the reprogramming sequence is blocked showing the message: Check the NXR version and the disk

- Leave the CD in the NXR.
- Switch off the NXR base, switch on again, then switch on the NXR screen and restart the reprogramming sequence.

If the error message Reprogramming ... Failed appears at the end of reprogramming and prevents access to the Warranty screen:

- Attempt a 2nd reprogramming
- If this is refused, it is because the 1st reprogramming was successful despite the error message.

If you have forgotten the CODECAL, you can find it through the REPROGRAMMING, CONSULTATION then WARRANTY SCREEN menus.