



# ESPACE

Type

JE0 K

JE0 S

Fabrication cut-offs

K 000001 to K 003398

T 000001 to T 037620

K 000001 to K 006993

T 000001 to T 013473

*fitted with G9T 710 engine.*

**Cancels and replaces Technical Note no. 4198A dated February 2002.**

**Modifications:** Extensions to vehicle fabrication cut-offs.

## 13B REPROGRAMMING: INJECTION WARNING LIGHT COMES ON AND/OR DECREASE IN POWER

Other sub-section concerned:

14A

84A

- Engine: **G9T 710**
- Gearbox: **XXX**

Basic manual:

Technical Note: **3502A, 3517A, 3585A**

### CUSTOMER COMPLAINT

- Injection warning light comes on.
- Warning light comes on, with a decrease in engine power.
- Decrease in engine power without warning light coming on.

### POSSIBLE CAUSE

- EGR valve contaminated.

### DIAGNOSTIC

- Confirm the customer complaint.
- The following faults may appear on the diagnostic tool:
  - DF077.01DEF
  - DF078.01DEF
  - DF19.04DEF.
- Check the internal part number of the injection computer using the diagnostic tool.  
The Technical Note only applies to the following injection computer part numbers:  
**77 00 114 854**  
**77 00 115 494**  
**82 00 095 448**  
**82 00 095 449.**

### CLAIM COMPLETION AND CODING

Destination of removed parts:

- None.

- **Without PG&CS**

NITG code: M4GR

- **With PG&CS**

Catalogue function:

**INJECTION COMPUTER**

(REPROGRAMMING): 820

Cause opcode: 0404 or 0417

- **With or without PG&CS**

Supplier code: 037

Customer complaint code: 7M

*Injection computer part number:*

**82 00 095 448 or 82 00 095 449.**

Operation code	Title	Time allowed (in hours)
0404	Reprogramming diesel injection type 1	0.3
0129	Basic road test	0.5
	<b>TOTAL</b>	<b>0.8</b>

*Injection computer part number:*

**77 00 114 854 or 77 00 115 494.**

Operation code	Title	Time allowed (in hours)
0417	Reprogramming diesel injection type 3	0.7
0129	Basic road test	0.5
	<b>TOTAL</b>	<b>1.2</b>

### AFTER-SALES SOLUTION

**Operation to be carried out:**

- Reprogram the injection computer.
- Deal with the present stored faults after reprogramming.

**Vehicles affected:**

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

**When to take action:**

- Upon receipt of a customer complaint.

**Parts required:**

- None.

**Tooling required:**

- **CLIP or OPTIMA 5800** loaded with the latest update: **tool CD version no. 23** or higher.
- **NXR** installed with the latest update: **tool CD version no. 24** or later.
- 1 reprogramming **CD version no. 05**  
**Part No.: 77 11 298 859 or higher.**  
**Note:** the most recent edition of this CD contains all previous reprogramming sequences.

**Description of the operation:**

- Reprogram the injection computer (according to Technical Note 3585A).  
**Note:** at the end of reprogramming, note the codecal and fictitious reference number **11 11 111 111**.
- Carry out a road test.

If a customer complaint persists:

- Apply Technical Note 3502A.
- Check the conformity of the EGR valve according to Interpretation of commands AC007 in Technical Note 3517A: the valve sealing is likely to be the cause.