GREEN TECHNICAL NOTE
EDITION ANGLAISE

SEPTEMBER 2007
77 11 402 202

4664A
Service 00429

TWINGO
MODUS
CLIO
CLIO 2
CLIO III
KANGOO
MEGANE
SCENIC
MEGANE II
SCENIC II
LAGUNA
LAGUNA II
ESPACE
ESPACE IV
VEL SATIS
LOGAN

Type
XXXX

Cancels and replaces Technical Note no. 4664A dated DECEMBER 2006.
Modifications: Changes to wiring kit.

17B VEHICLE DOES NOT START, INTERMITTENT ENGINE HESITATION AND STALLING

Other sub-section concerned: **13B** **17A**

- Engine: **D4D, D4F, D7D, D7F, E7F, E7J, F3R, F3P, F4P, F4R, F5R, F7P, F8Q, F9Q, G9T, K4J, K4M, K7J, K7M, K9K, M9R**
- Gearbox: **XXX**

Basic manual:
Technical Note: **6015A**

TECHNICAL DATA

Customer complaint

Intermittently:
– Engine hesitation and stalling.
– Vehicle does not start.

Possible cause

– Poor contact between the connector and the Top Dead Centre (**TDC**) sensor.

Fault finding

– Confirm the customer complaint.
– Use the diagnostic tool to check for one or more of the following fault codes:

Petrol engine:
– DF005
– DF017
– DF025
– DF080
– DF154
– DF189
– DF238

Diesel engine:
– DF005
– DF023
– DF088
– DF120
– DF213

Operation to be carried out

– Replacement of TDC sensor and connector.

Description of the operation

REMOVAL

– Remove:
  – The TDC sensor,
  – the connector by cutting the TDC wiring as close as possible to the connector.

REFITTING

IMPORTANT
It is ESSENTIAL to respect the foolproof device on the connector with reference to the new TDC sensor. Changes are possible to the colour and shape of the TDC sensors and connectors.

– Connect the TDC sensor wiring kit to the TDC wiring (see **Technical Note 6015A**).
– Refit the new TDC sensor.
– Reconnect the TDC wiring.

CLAIM COMPLETION AND CODING

When to take action
– Upon receipt of a customer complaint.

Parts required
According to the Replacement Parts Catalogue or Dialogys.

1	TDC sensor

NOTE
Ordering the TDC sensor automatically generates an order for the associated TDC sensor wiring kit

Depending on the colour and shape of the **NEW** TDC sensor (spare part):

With ROUND BLACK TDC sensor connector

Quantity and description of parts		**Part number**
1	TDC sensor wiring kit	**82 00 673 203**

NOTE
The ROUND BLACK TDC sensor connector (8200673203) can be replaced with the special SQUARE kit (8200652822).

With ROUND BLUE TDC sensor connector

Quantity and description of parts		**Part number**
1	TDC sensor wiring kit	**82 00 673 202**

With SQUARE BLACK TDC sensor connector

Quantity and description of parts		**Part number**
1	TDC sensor wiring kit	**82 00 300 322**

With SQUARE TDC sensor connector specific to M9R engine

Quantity and description of parts		**Part number**
1	TDC sensor wiring kit	**82 00 652 822**

IMPORTANT
It is essential to respect the polarity of the lines when switching from a ROUND connector to a SQUARE connector.
Line A=A or line A=1
Line B=B or line B=2

Time required

Code	Description	Time
0311	Complete computer check	Depending on operation time
0500	Replace the connector	0.5
Depending on operation time	Remove-refit TDC sensor	depending on operation time
	TOTAL	**depending on operation time**

Destination of removed parts
– In accordance with warranty directives.

Codification procedures
– Cause part number: **TDC sensor**
(In accordance with the "Spare Parts" Catalogue or Dialogys)

- **Without PGCS**

– NITG code: **M518**

- **With or without PGCS**

– Supplier code: **050**
– Customer complaint code: **7A, 7B, 7C, 8B**