



# CLIO 2

# MEGANE and SCENIC

# LAGUNA

# LAGUNA II

Type Factory and fabrication cut-offs

See list below

**10 ENGINE INSTABILITY FAULT FINDING HELP**

Other sub-sections concerned:

- 11
- 12
- 17

- Engines: **K4J, K4M**
- Gearbox: **XXX**

Basic manual:  
Technical Note: 3194A

**LIST OF VEHICLES CONCERNED**

VEHICLE	TYPE	VEHICLE	TYPE
<b>CLIO 2</b>	XB01	<b>MEGANE and SCENIC</b>	XA04
	XB0H		XA0B
	XB0K		XA0D
	XB0L		XA0L
	XB0P		XA0P
	XB0T		XA0W
	XB13		XA10
	XB14		XA13
	XB1D		XA1H
	XB1J		XA1J
	XB1L		XA1L
	XB1R		
	<b>KANGOO</b>		XC0P
		X568	
		<b>LAGUNA II</b>	XG0A
			XG0L
			XG0U

"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."

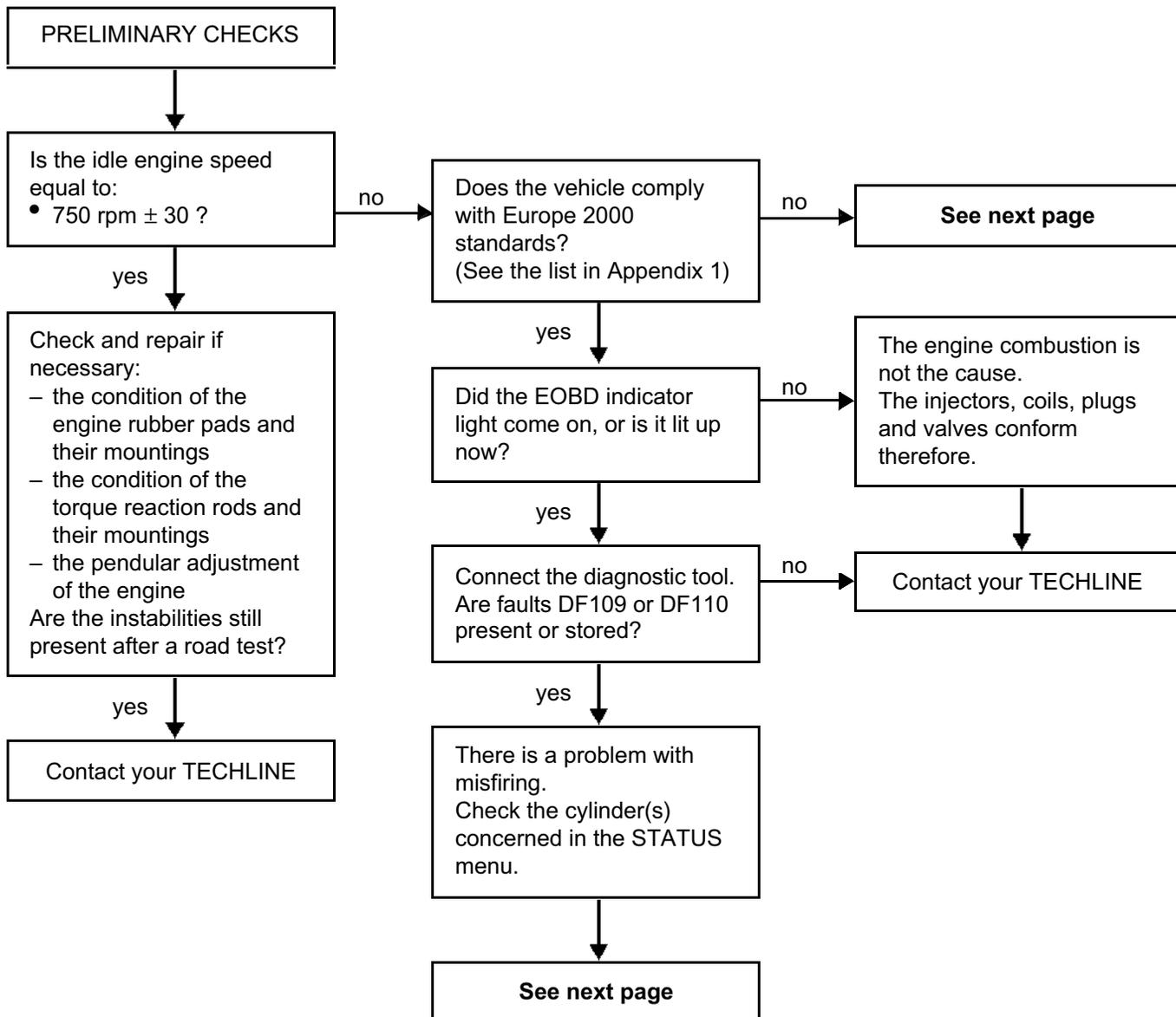
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## Engine instability

**NOTE:** This Technical Note gives help with fault finding for engine instabilities occurring in the workshop.

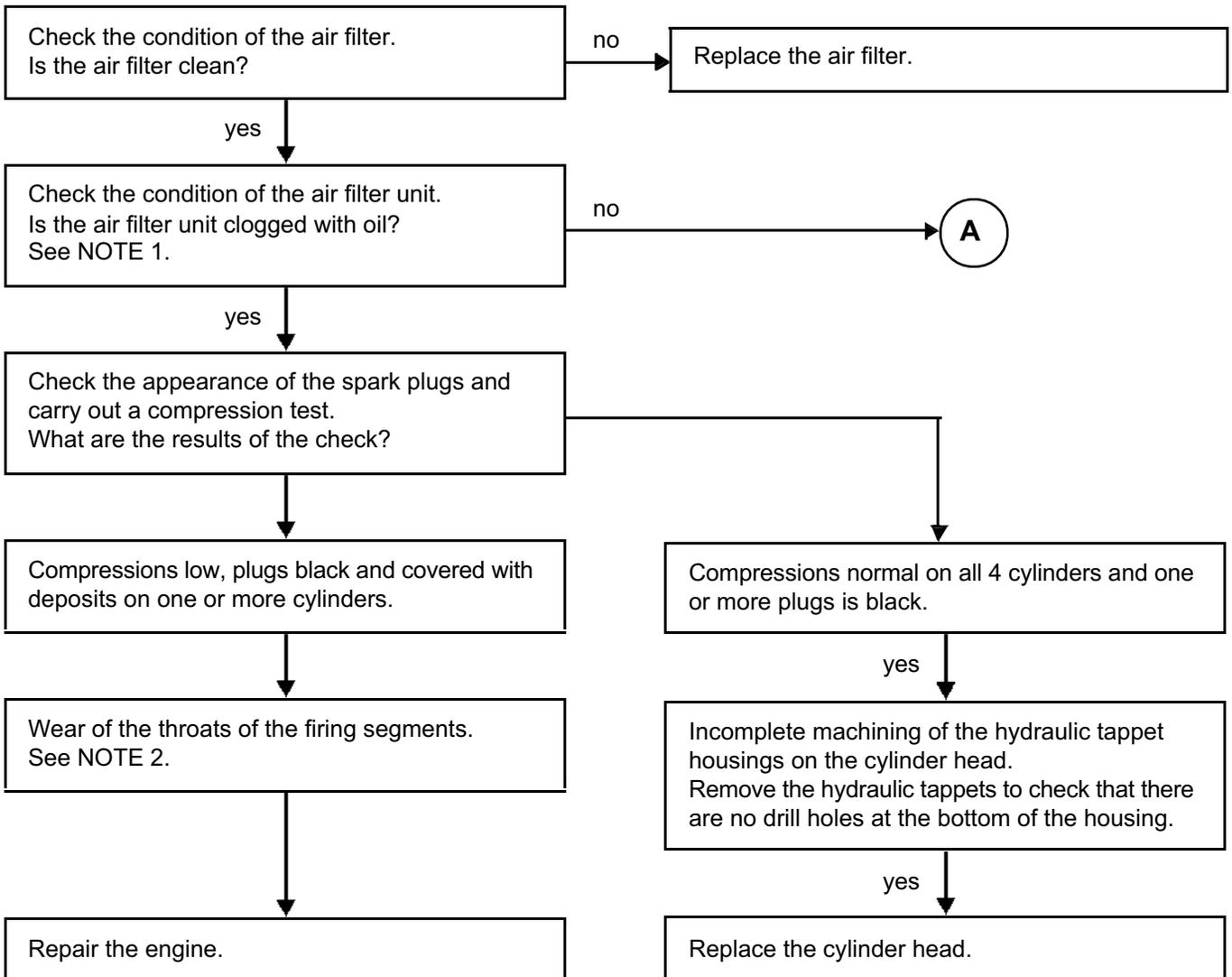
**Only refer to this note after carrying out a complete check using the diagnostic tool and applying Technical Note 3194A.**



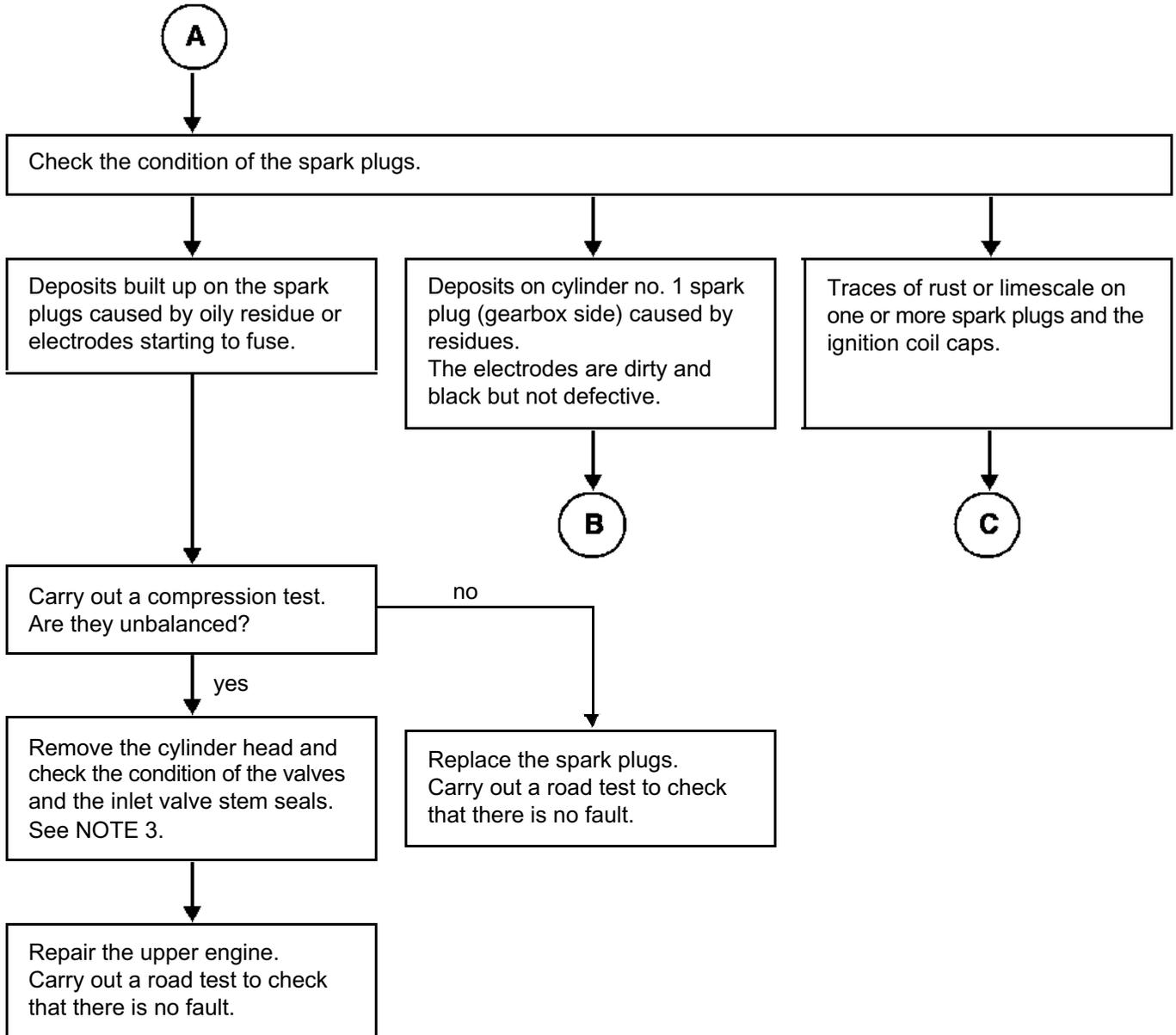
# ENGINE AND PERIPHERALS

## Engine instability

10

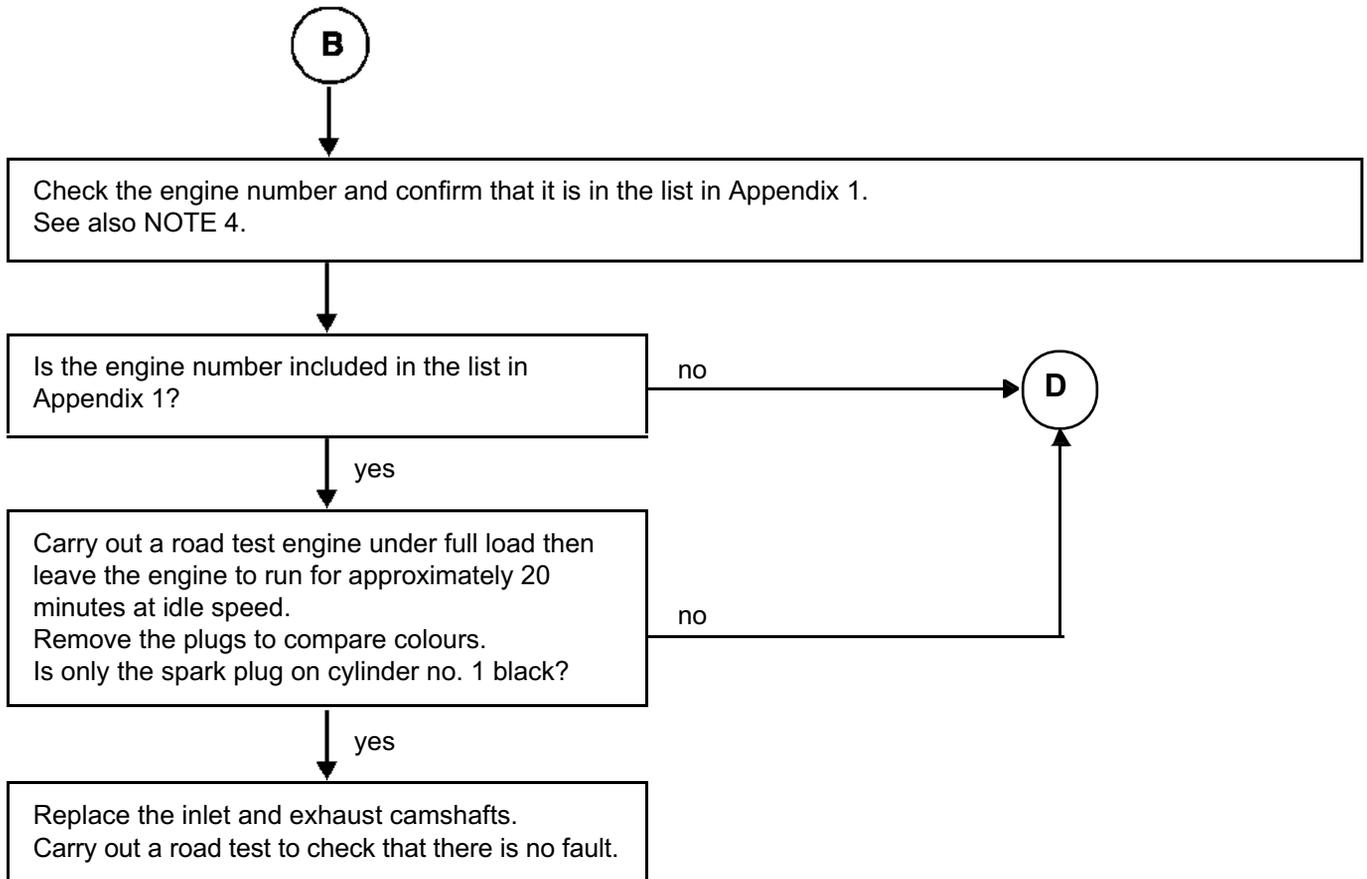


<b>Observations and comments</b>	<p><b>NOTE 1:</b> An air filter unit clogged with oil is generally associated with a customer complaint about oil consumption.</p> <p><b>NOTE 2:</b> This incident is linked to prolonged use of the vehicle with heavy load in motorway type driving. The incident usually occurs after 24 000 miles (40 000 km).</p>
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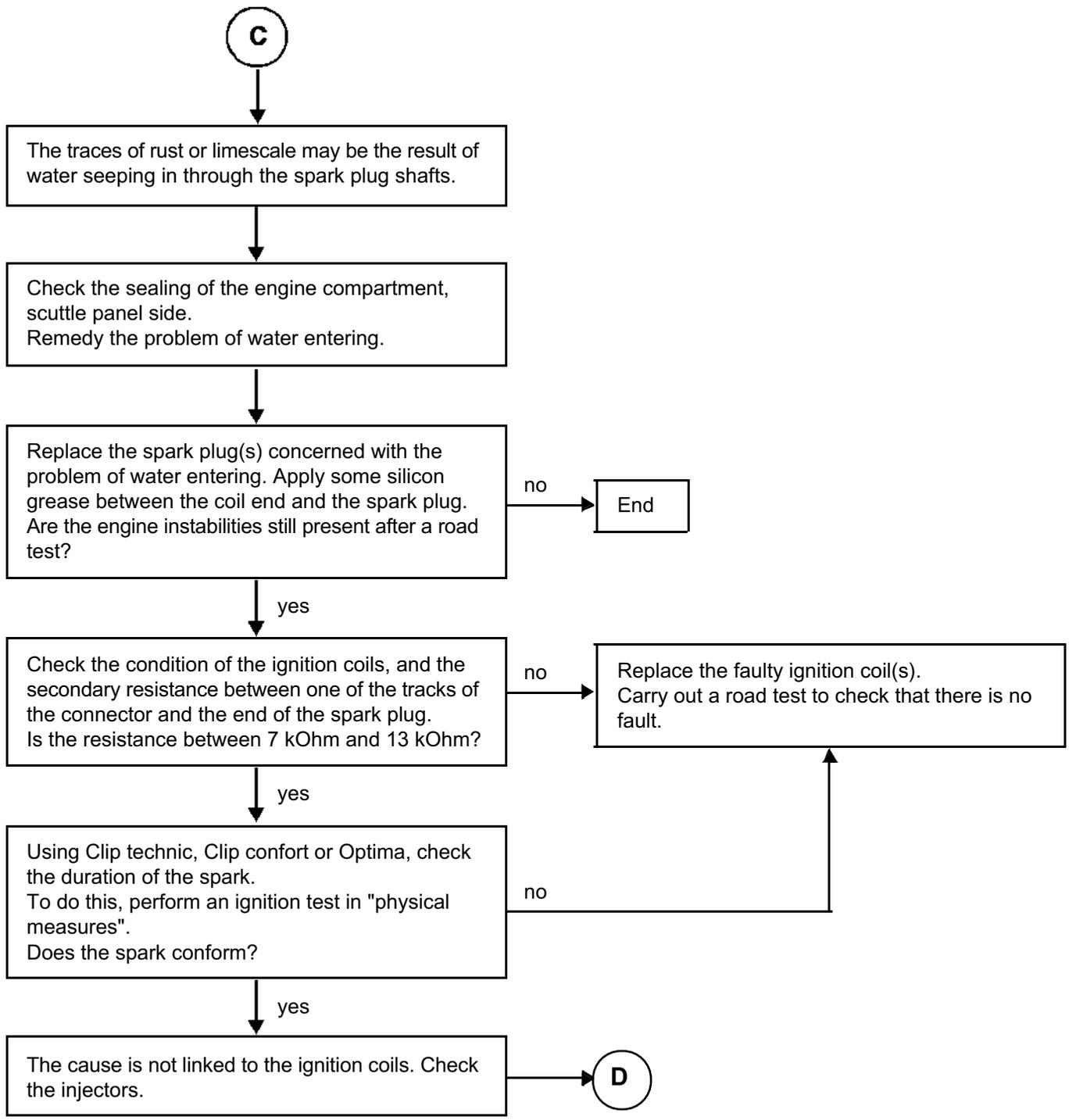
### Observations and comments

**NOTE 3:** This incident is linked to a runout on one or more valve stems which causes the lip of the inlet valve stem seal to deteriorate. Ingress of oil often causes partial fusion of an exhaust valve on the cylinder concerned.

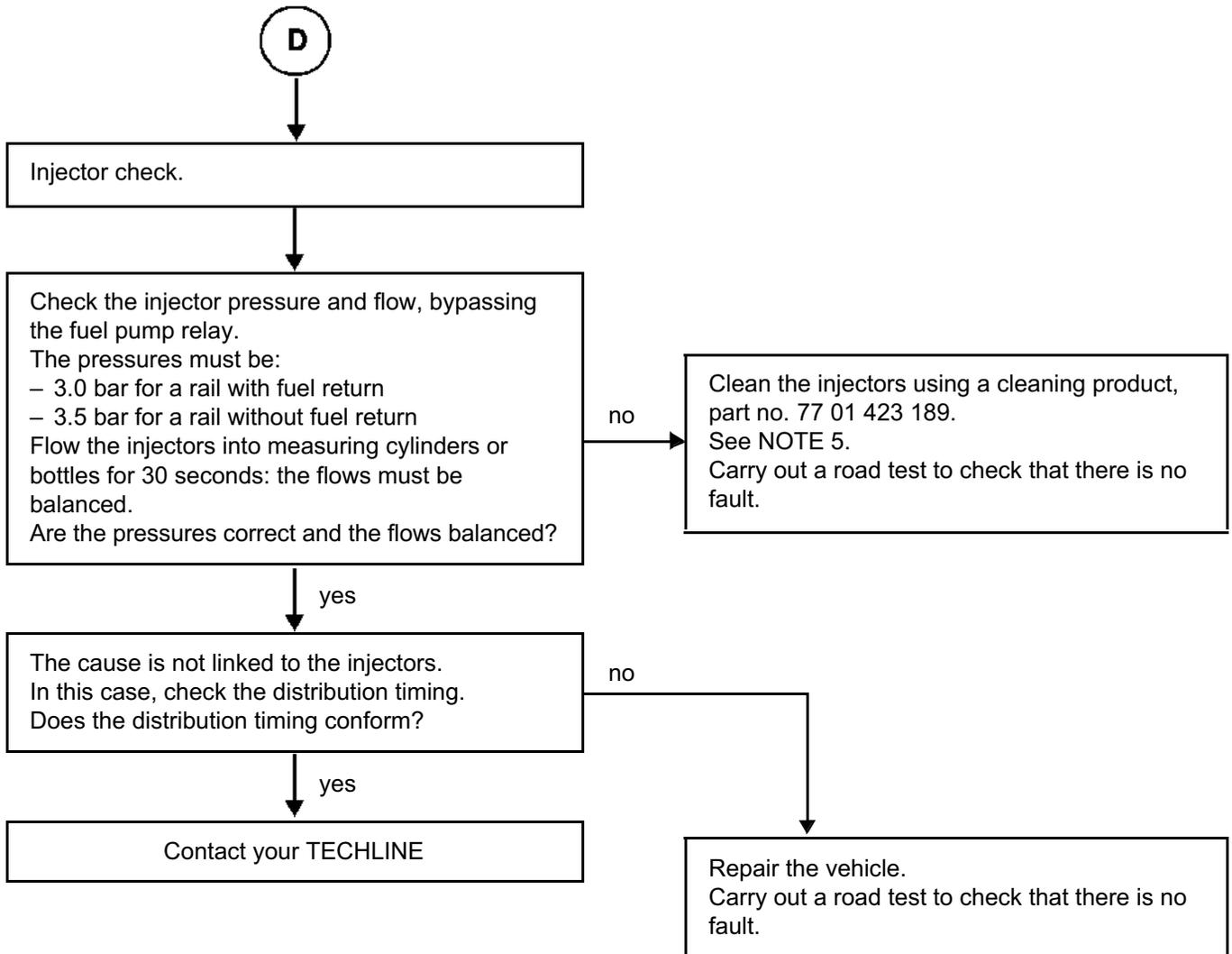


### Observations and comments

**NOTE 4:** The incident occurs at very low mileage, the compressions and the distribution timing conform.



<b>Observations and comments</b>	NONE.
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### Observations and comments

**NOTE 5:** The incident is linked to clogging of the injectors by charred particles resulting from the use of fuel without additives.

### APPENDIX 1

#### LIST OF EURO 2000 VEHICLE TYPES:

VEHICLE	TYPE	VEHICLE	TYPE
<b>CLIO 2</b>	XB0H	<b>MEGANE AND SCENIC</b>	XA0B
	XB0P		XA1J
	XB1D		
	XB1L		
<b>KANGOO</b>	XC0P	<b>LAGUNA II</b>	XG0A XG0L

#### LIST OF ENGINES IN QUESTION:

ENGINE MODEL	FROM (1 <sup>st</sup> ENGINE)	TO (Last ENGINE)
<b>K4J 712</b>	D033790	D035847
<b>K4J 713</b>	D000131	D000154
<b>K4J 750</b>	D152561	D156953
<b>K4M 700</b>	D329310	D338994
<b>K4M 701</b>	D035618	D036827
<b>K4M 710</b>	D000075	D000097
<b>K4M 720</b>	D137447	D139018
<b>K4M 748</b>	D022037	D022558