



Twingo
Clio II
Mégane
Scénic
Laguna II

Type	S/Section
X06 X	83A
XBX X	83A
XAX X	83A
JAX X	83A
XG0 X	83A

83A GAUGING SYSTEM FAULT FINDING PROCEDURE

- Engine: XXX
- Gearbox: XXX

Reminder of the fault finding procedure for the gauging system and the table of values for the float height / gauge reading / instrument panel display.

For the special notes on the operation and fault finding of the gauge fitted to Twingo, refer to Technical Note 2669A.

For other vehicles, refer to Technical Note 2863A or the vehicle Workshop Repair Manuals.

CUSTOMER COMPLAINTS

THE FUEL LEVEL INDICATOR DOES NOT DISPLAY FULL	CHART 1
THE FUEL LEVEL INDICATOR IS STUCK AT ZERO, AT THE TOP OR IN AN INTERMEDIATE POSITION	CHART 2
THE FUEL LEVEL INDICATOR DOES NOT DISPLAY THE CORRECT VALUE OR IS UNSTABLE (Instrument panel fitted with an on-board computer (ADAC))	CHART 3
THE FUEL LEVEL INDICATOR DOES NOT DISPLAY THE CORRECT VALUE OR IS UNSTABLE (Instrument panel without on-board computer (ADAC))	CHART 4

INSTRUMENT PANEL

Gauging system fault finding

83A

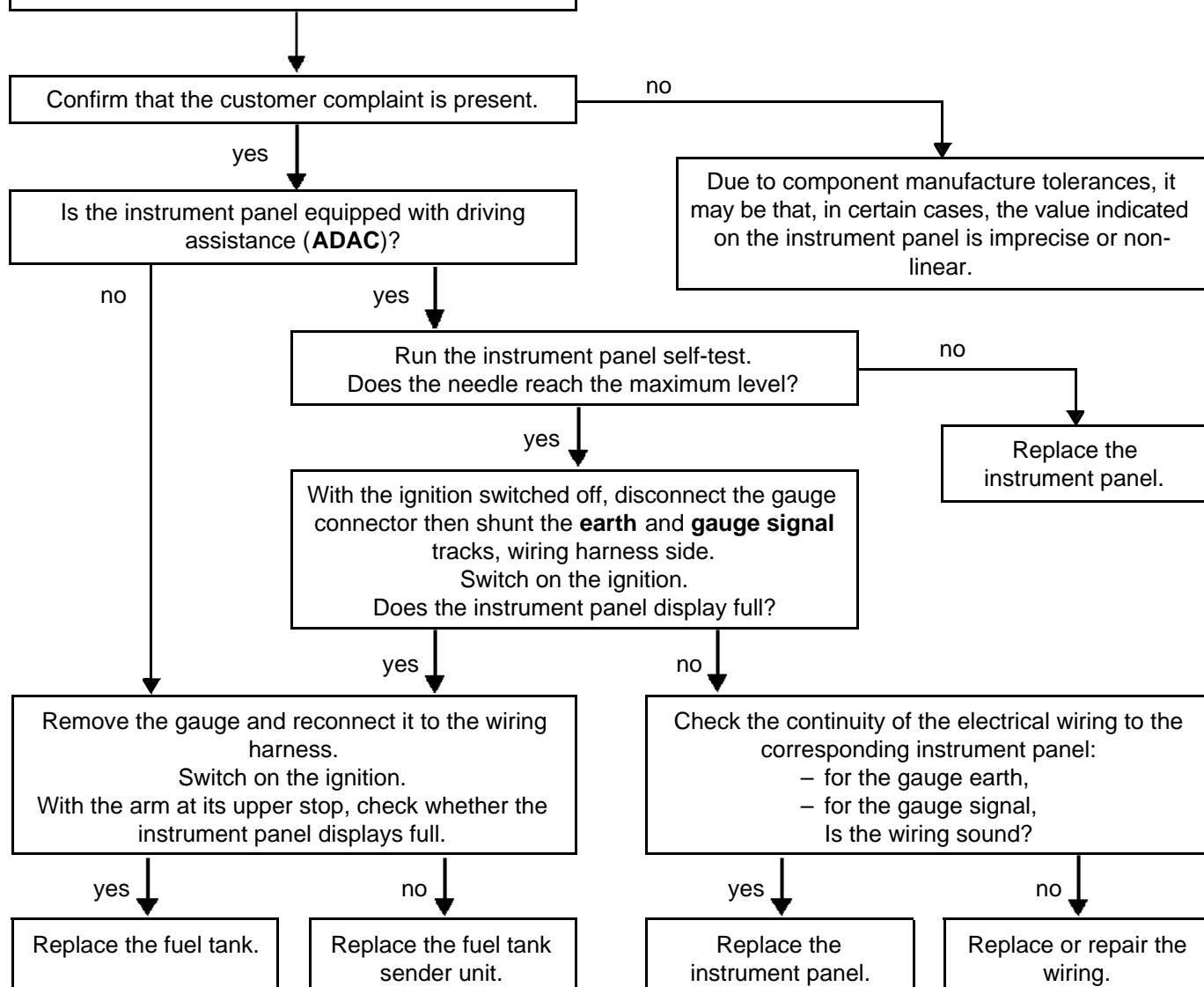
CHART 1

The fuel level does not display full

First, when the vehicle is received, check the following conditions:

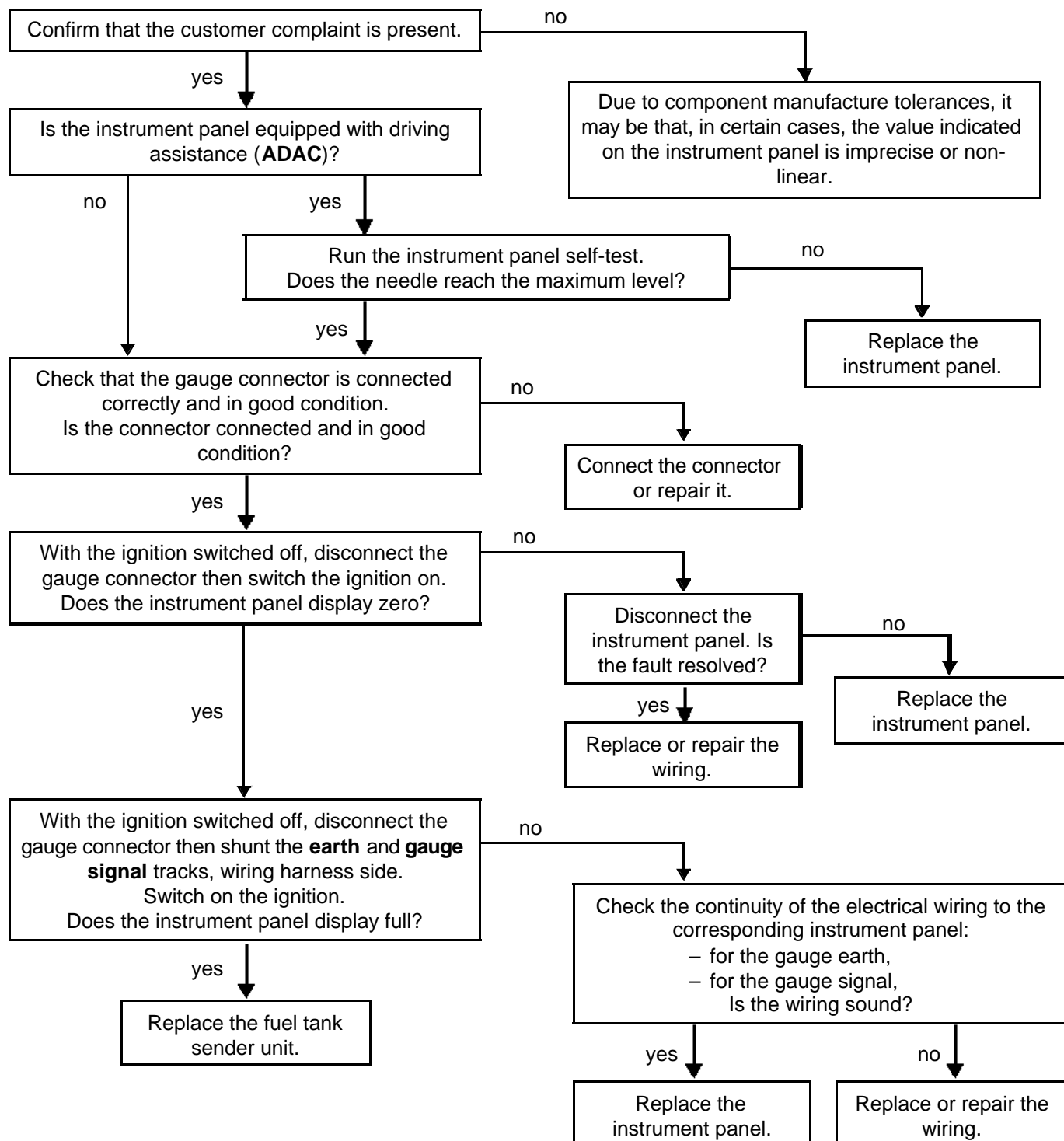
- does the customer stop after the 3rd cut-out when filling up?
If not, ask them to follow this advice.
- does the customer always fill up at the same station?
If so, ask them to fill up at a different station.

If the fault persists:



INSTRUMENT PANEL

Gauging system fault finding

83A**CHART 2****The fuel level indicator is stuck at zero, at the top or in an intermediate position**

INSTRUMENT PANEL

Gauging system fault finding

83A

CHART 3

The fuel level indicator does not display the correct value or is unstable
(Instrument panel fitted with an on-board "ADAC" computer)

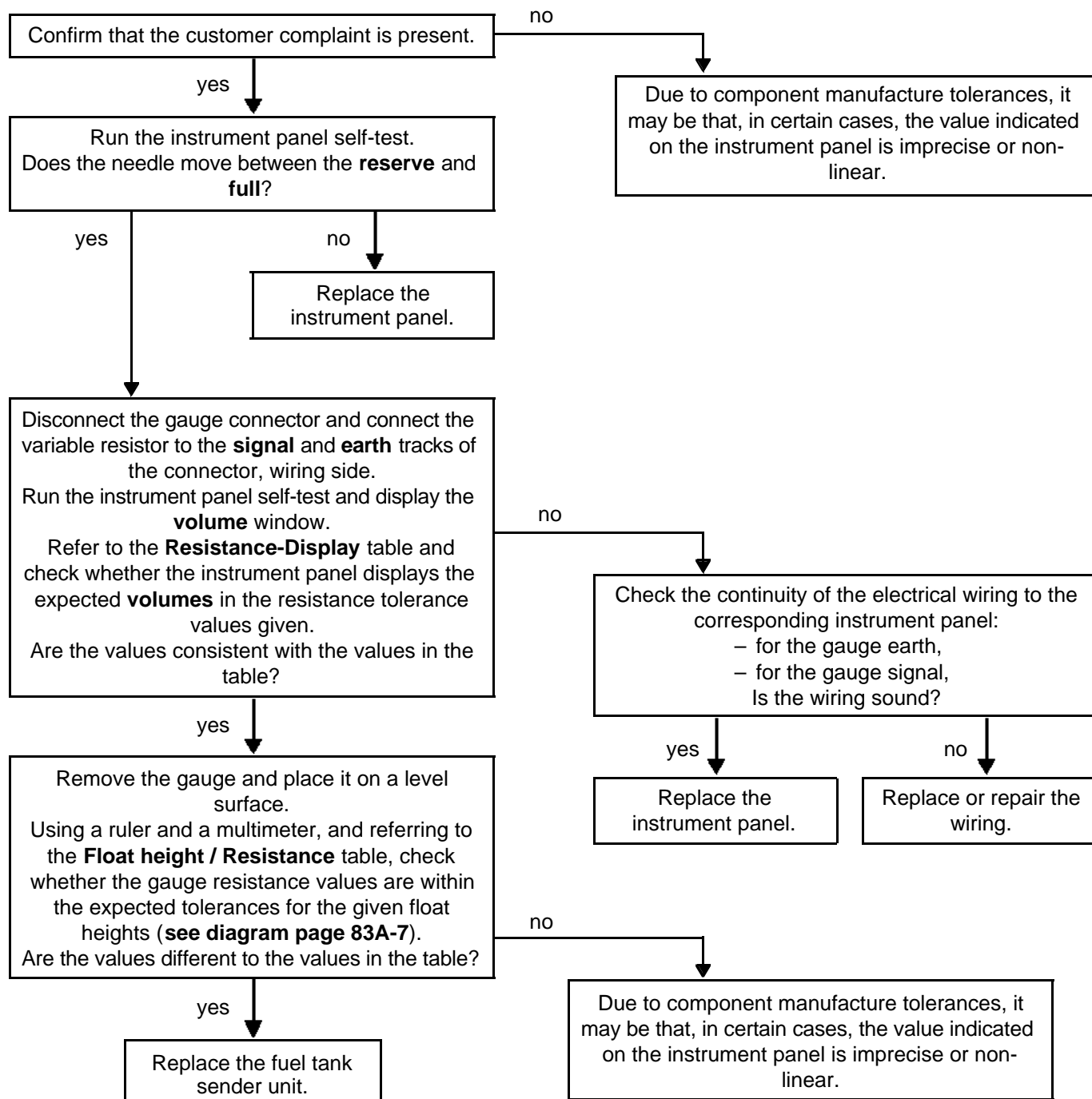
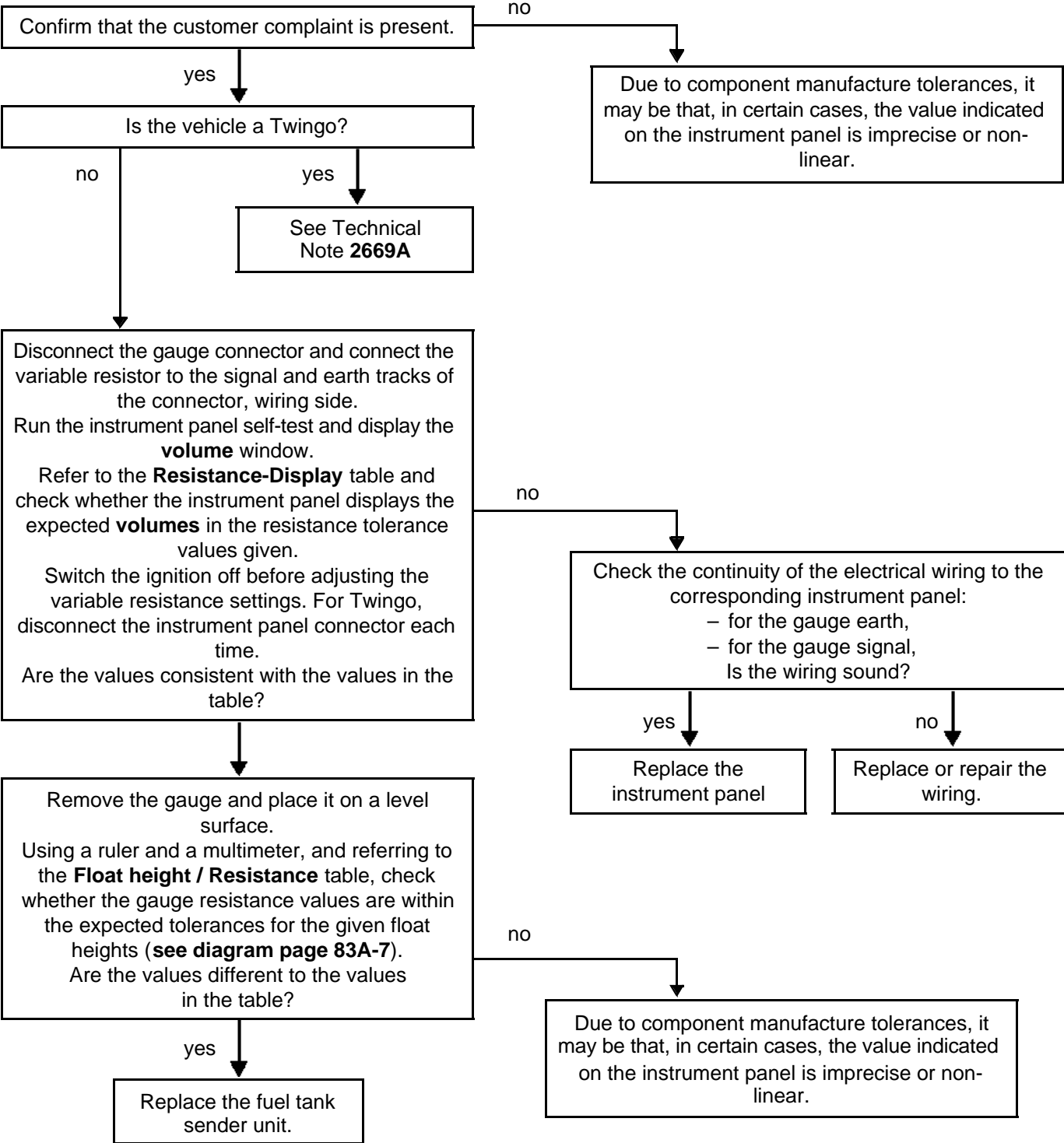


CHART 4	The fuel level indicator does not display the the correct value or is unstable (Instrument panel without on-board "ADAC" computer)
----------------	---



INSTRUMENT PANEL

Gauging system fault finding

83A

Resistance / Display tables

Float height / Resistance tables

TWINGO

VARIABLE RESISTANCE ADJUSTMENT	INSTRUMENT PANEL DISPLAY
CANNOT BE CHECKED	

HEIGHT OF THE ROD AT THE FLOAT STOP	GAUGE RESISTANCE
upper stop	7 to 10.5 Ω
113 mm	62 to 83 Ω
83 mm	111 to 134 Ω
53 mm	162 to 183 Ω
15 mm	212 to 233 Ω

CLIO II phase I

Petrol and diesel

VARIABLE RESISTANCE ADJUSTMENT	INSTRUMENT PANEL DISPLAY
0 to 7 Ω	Centred on 1
48 to 62 Ω	3/4
88 to 108 Ω	1/2
140 to 170 Ω	1/4
260 to 300 Ω	Warning

Petrol and diesel

HEIGHT OF THE ROD AT THE FLOAT STOP	GAUGE RESISTANCE
upper stop	0 to 7 Ω
142 mm	48 to 62 Ω
111 mm	88 to 108 Ω
89 mm	140 to 170 Ω
38 mm	260 to 300 Ω

CLIO II phase II

Petrol and diesel

VARIABLE RESISTANCE ADJUSTMENT	INSTRUMENT PANEL DISPLAY
10 to 20 Ω	Centred on 1
77 to 98 Ω	3/4
145 to 165 Ω	1/2
212 to 233 Ω	1/4
280 to 300 Ω	Warning

Petrol

HEIGHT OF THE ROD AT THE FLOAT STOP	GAUGE RESISTANCE
upper stop	0 to 7 Ω
147 mm	77 to 88 Ω
112 mm	145 to 165 Ω
88 mm	212 to 233 Ω
42 mm	280 to 300 Ω

Diesel

HEIGHT OF THE ROD AT THE FLOAT STOP	GAUGE RESISTANCE
upper stop	0 to 7 Ω
147 mm	77 to 88 Ω
112 mm	145 to 165 Ω
88 mm	212 to 233 Ω
42 mm	280 to 310 Ω

INSTRUMENT PANEL
Gauging system fault finding

83A

MEGANE (XAXX)

Petrol and diesel

VARIABLE RESISTANCE ADJUSTMENT	INSTRUMENT PANEL DISPLAY
0 to 7 Ω	Centred on 1
47 to 62 Ω	3/4
88 to 108 Ω	1/2
139 to 171 Ω	1/4
265 to 305 Ω	Warning

Petrol

HEIGHT OF THE ROD AT THE FLOAT STOP	GAUGE RESISTANCE
upper stop	0 to 7 Ω
137 mm	47 to 62 Ω
112 mm	88 to 108 Ω
87 mm	139 to 171 Ω
44 mm	265 to 305 Ω

Diesel

HEIGHT OF THE ROD AT THE FLOAT STOP	GAUGE RESISTANCE
upper stop	0 to 7 Ω
134 mm	47 to 62 Ω
109 mm	88 to 108 Ω
85 mm	139 to 171 Ω
44 mm	265 to 305 Ω

LAGUNA II

Petrol and diesel

VARIABLE RESISTANCE ADJUSTMENT	INSTRUMENT PANEL DISPLAY
10 to 20 Ω	Centred on 1
77 to 88 Ω	3/4
145 to 165 Ω	1/2
212 to 233 Ω	1/4
280 to 300 Ω	Warning

Petrol

HEIGHT OF THE ROD AT THE FLOAT STOP	GAUGE RESISTANCE
upper stop	10 to 20 Ω
154 mm	77 to 88 Ω
116 mm	145 to 165 Ω
84 mm	212 to 233 Ω
35 mm	280 to 300 Ω

