



TWINGO

KANGOO  
CLIO II

Type	S/Section
X06 6	12
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XC0 A	12
XB0 A	12
XB0 F	12

12 THROTTLE POTENTIOMETER AND IDLE SPEED REGULATION VALVE

Other sub-section concerned: 17

Basic manuals:

- Engine: D7F
- Gearbox: XXX
- Workshop Repair Manuals 325 and 337
- Technical Note 2621A

This Technical Note deals with the method for replacing the throttle potentiometer and idle speed regulation valve.  
Both operations require the removal of the throttle body.

IMPORTANT:

The procedure for removing the throttle potentiometer or idle speed regulation valve is necessarily destructive.  
It is therefore vital that you refit a new throttle potentiometer or a new idle speed regulation valve.

"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."

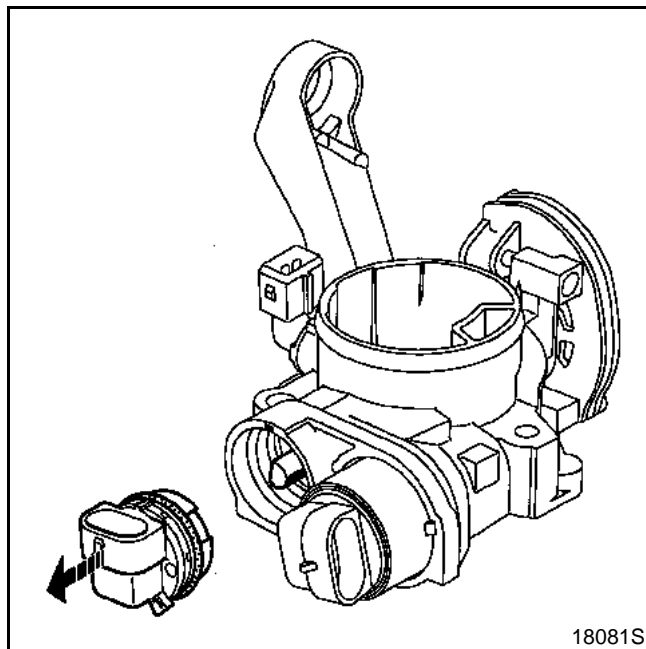
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### REMOVAL

Lever between the throttle body and the potentiometer to detach it.

Remove the potentiometer by pulling it along the axis shown (represented by the arrow on the diagram below).



### REFITTING

#### Precautions

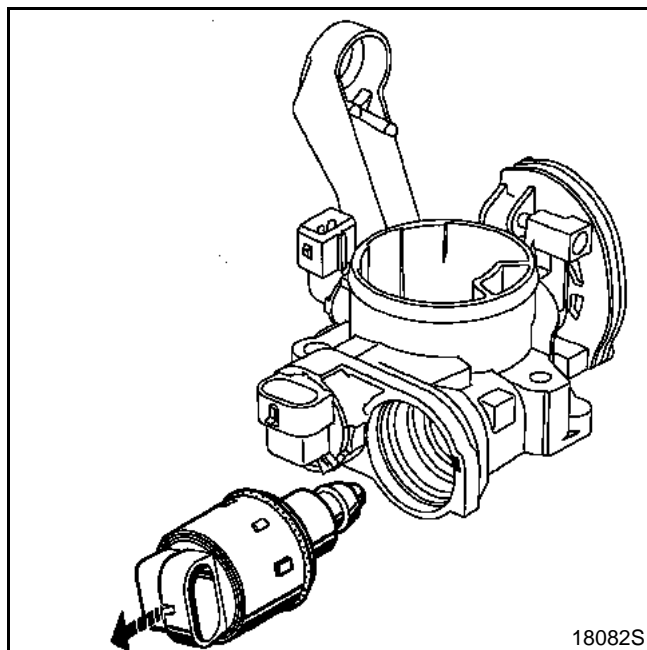
Check that the new seal is securely seated on the potentiometer and that the centring lug is opposite its housing before clipping the potentiometer onto the throttle body.

The throttle position potentiometer cannot be adjusted.

Check that it operates correctly using the fault finding tool.

### REMOVAL

Remove the idle speed regulation valve by pulling it along the axis shown (represented by the arrow on the diagram below).



### REFITTING

#### Precautions

Check that the new seal is securely seated on the idle speed regulation valve before clipping it onto the throttle body.

Push the sealing cone away so that it does not touch its housing during refitting.

The idle speed regulation valve cannot be adjusted.

Check that it operates correctly using the fault finding tool.