

## **Saab 9-3 9-5 Throttle Body Removal Instructions**

**WARNING PLEASE READ!!!  
IF YOU ARE NOT COMPLETELY SURE OR DO NOT  
HAVE THE PROPER SCAN TOOLS.  
WE SUGGEST PRIOR TO ATTEMPTING TO TACKLE  
THIS PROCEDURE TO HAVE A PROFESSIONAL DO THE  
REPLACEMENT.**

**After Installation:**

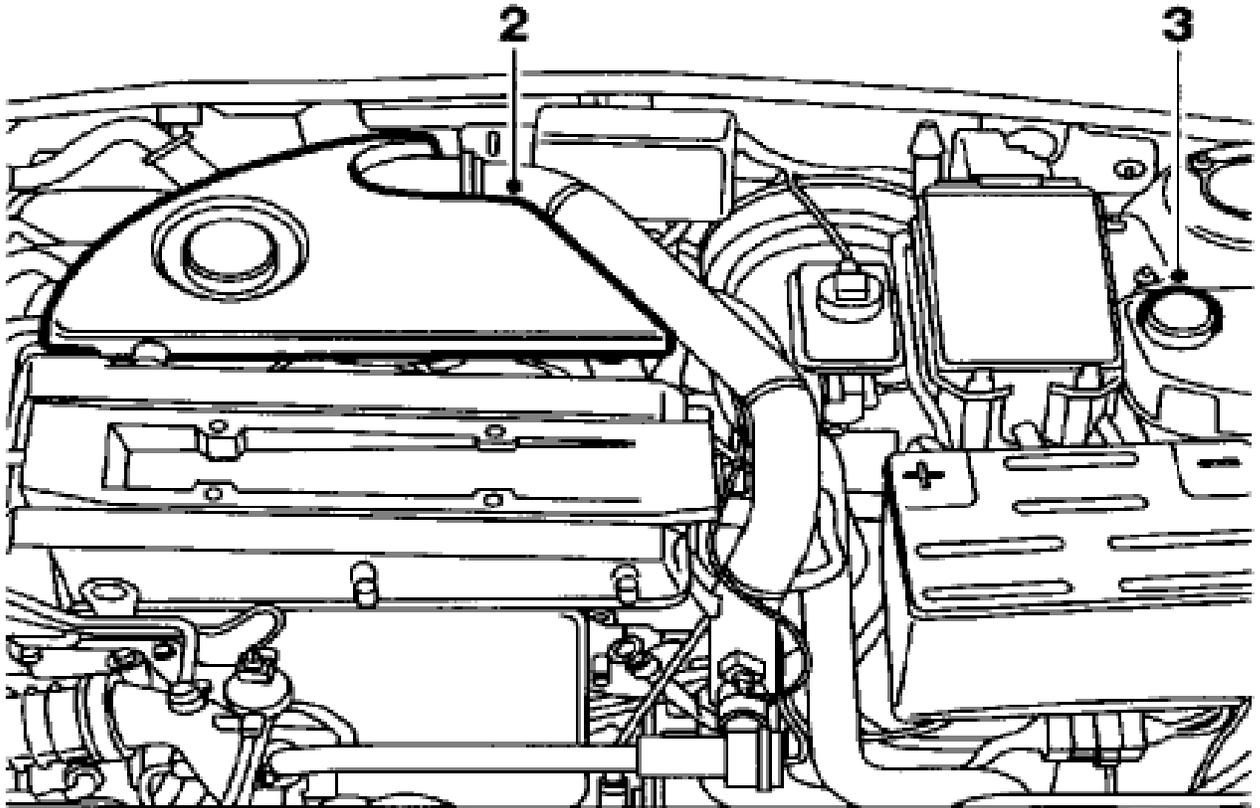
**Important**

**When the ignition is switched on the limp-home solenoid will be activated. After the ignition has been switched on the limp-home mechanism must therefore be reset as described in "Resetting activated limp-home solenoid." (SEE BELOW)**

**Throttle body**

**WARNING:** Be careful if the car is warm. The coolant is hot and there is a risk of burns from the manifold.

**To remove**

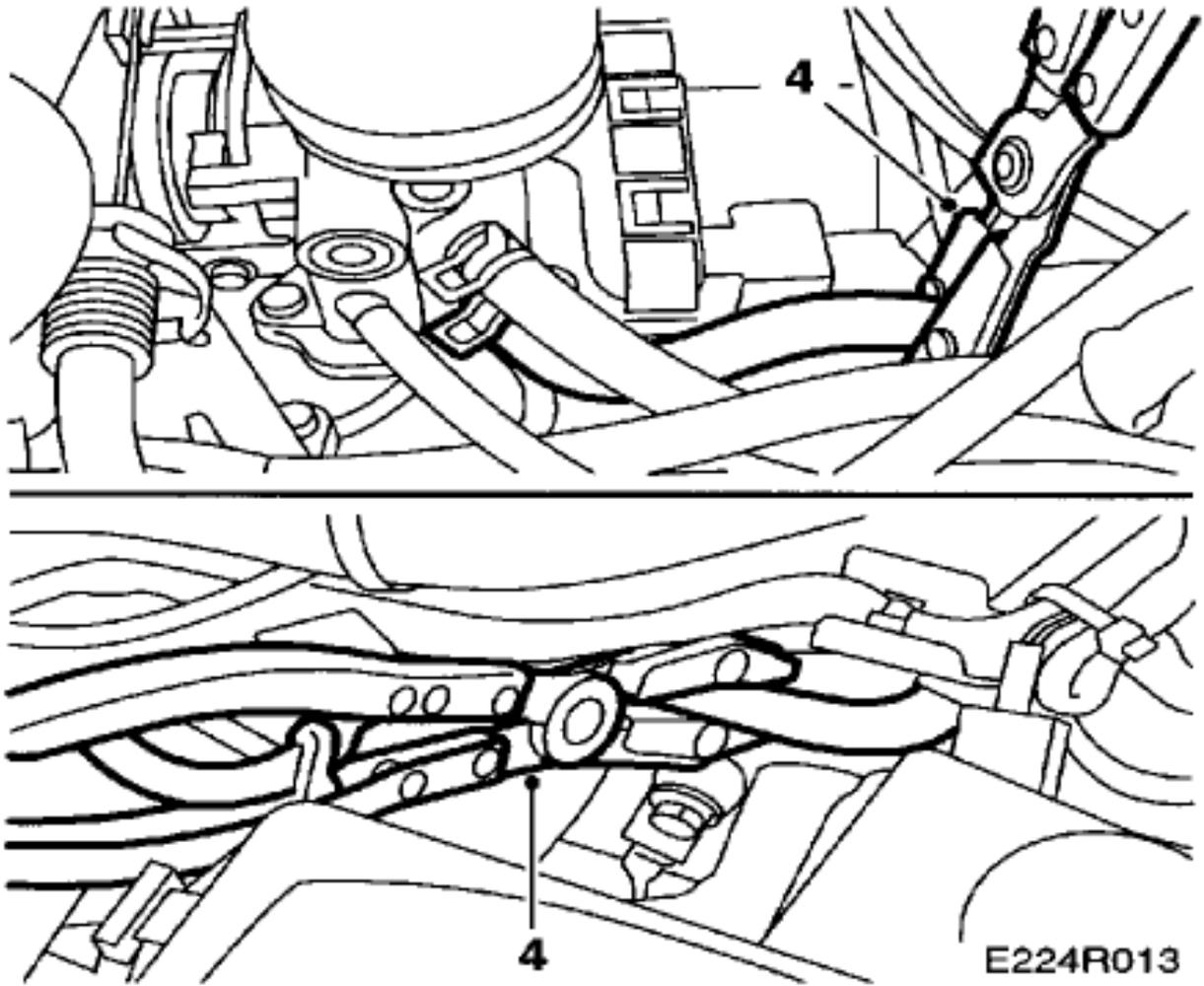


E224R012

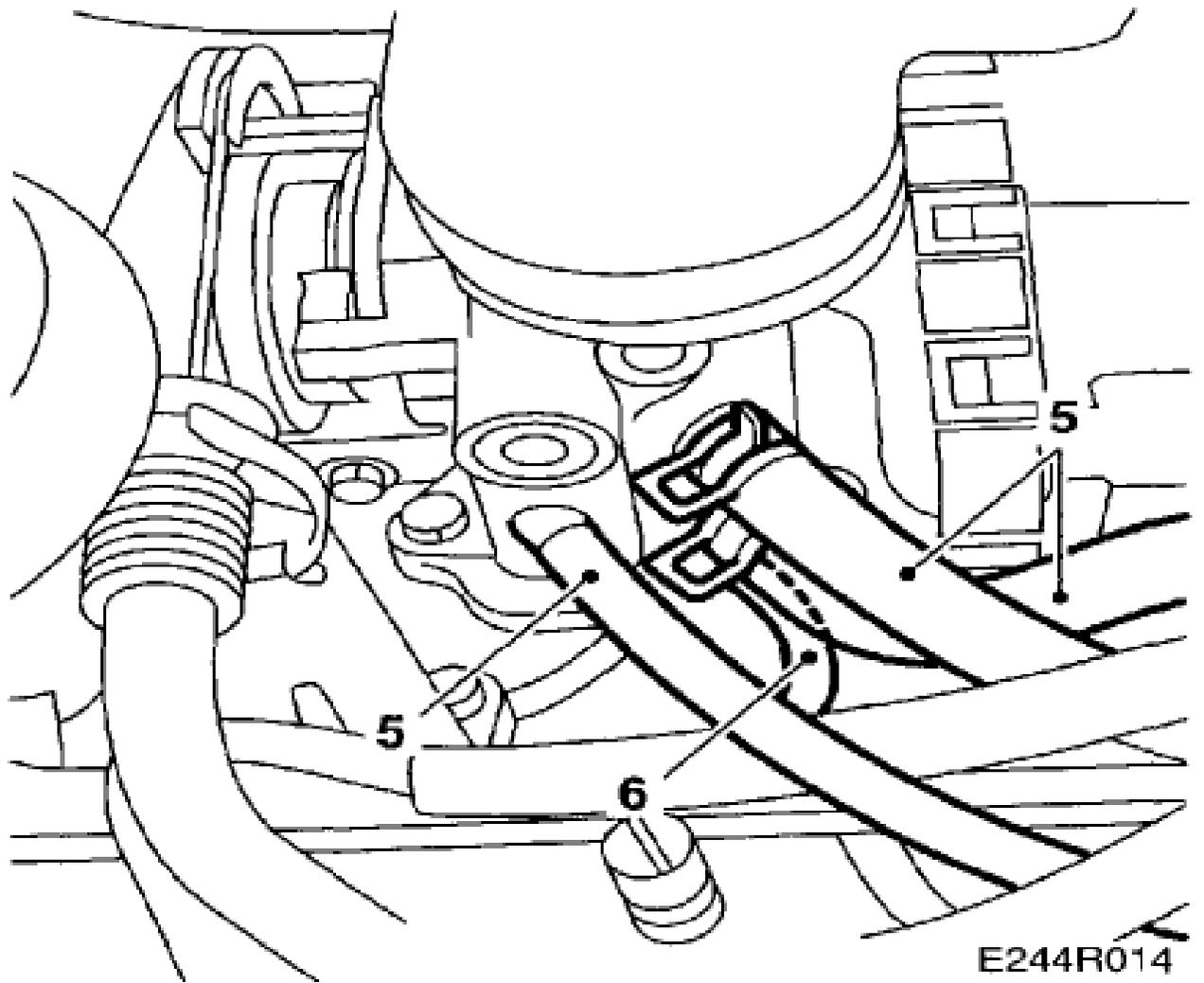
Turn the [ignition switch](#) to OFF

Remove the engine cover

Unscrew the expansion tank filler cap to release the pressure, if any, and then screw it back into place



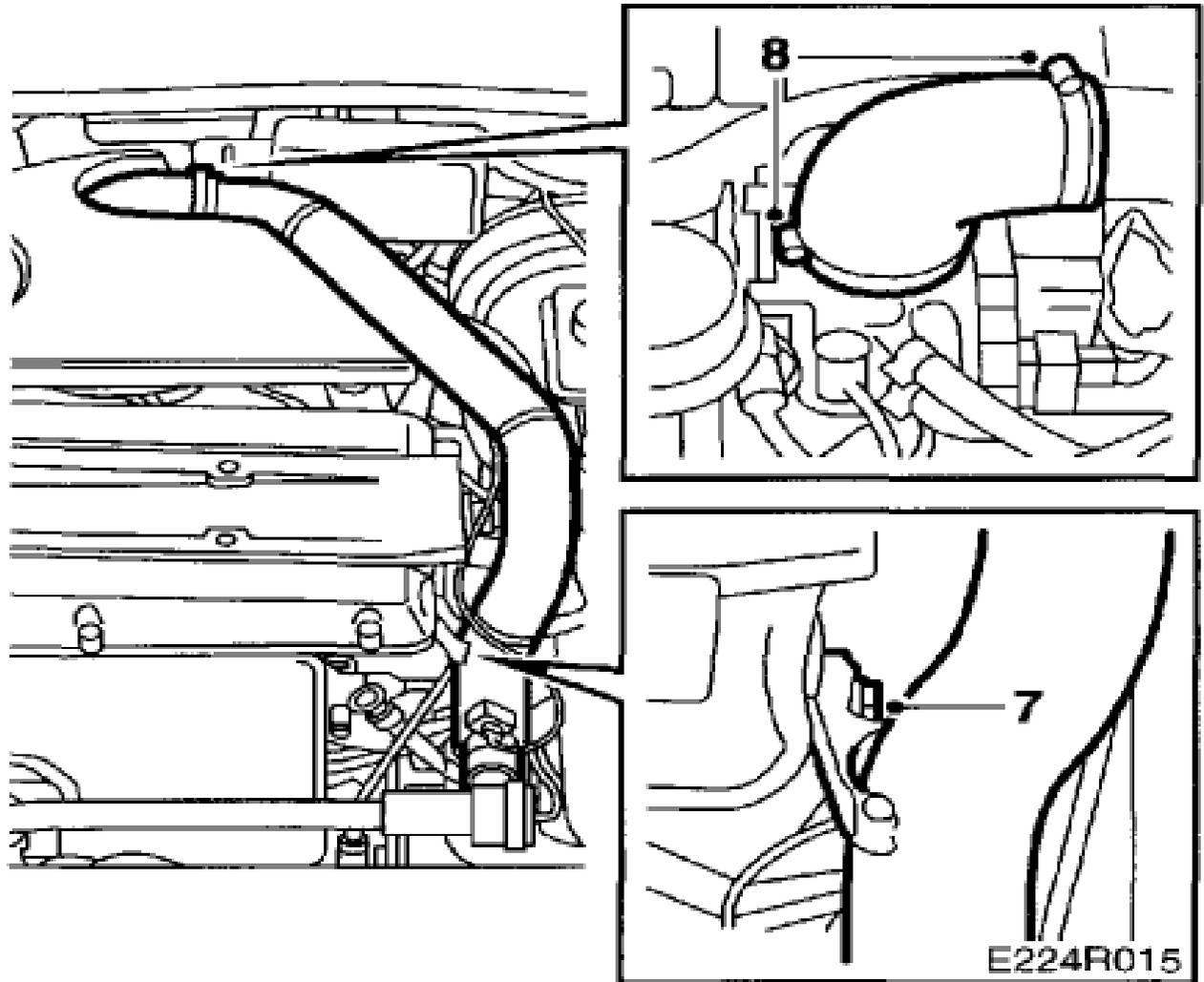
**Pinch off the 2 coolant hoses going to the throttle body.**



E244R014

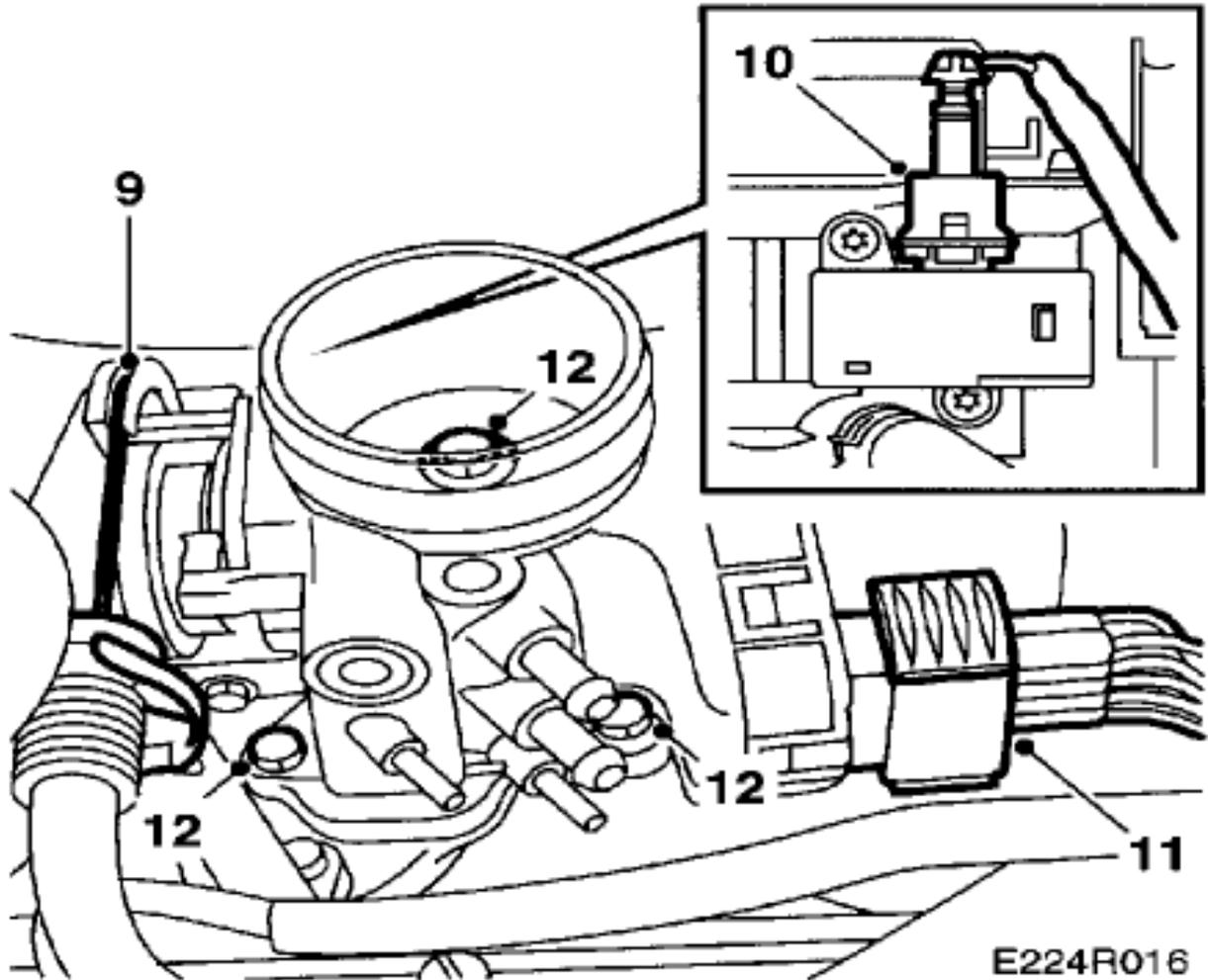
**Detach the hose for the bypass valve and the two preheating hoses**

**Detach the lower vacuum hose**



**Slacken the turbocharger delivery pipe-retaining bolt in the cylinder head.**

**Undo the hose clips and bend up the turbocharger delivery pipe. Remove the rubber bend from the throttle body and turbocharger delivery pipe.**



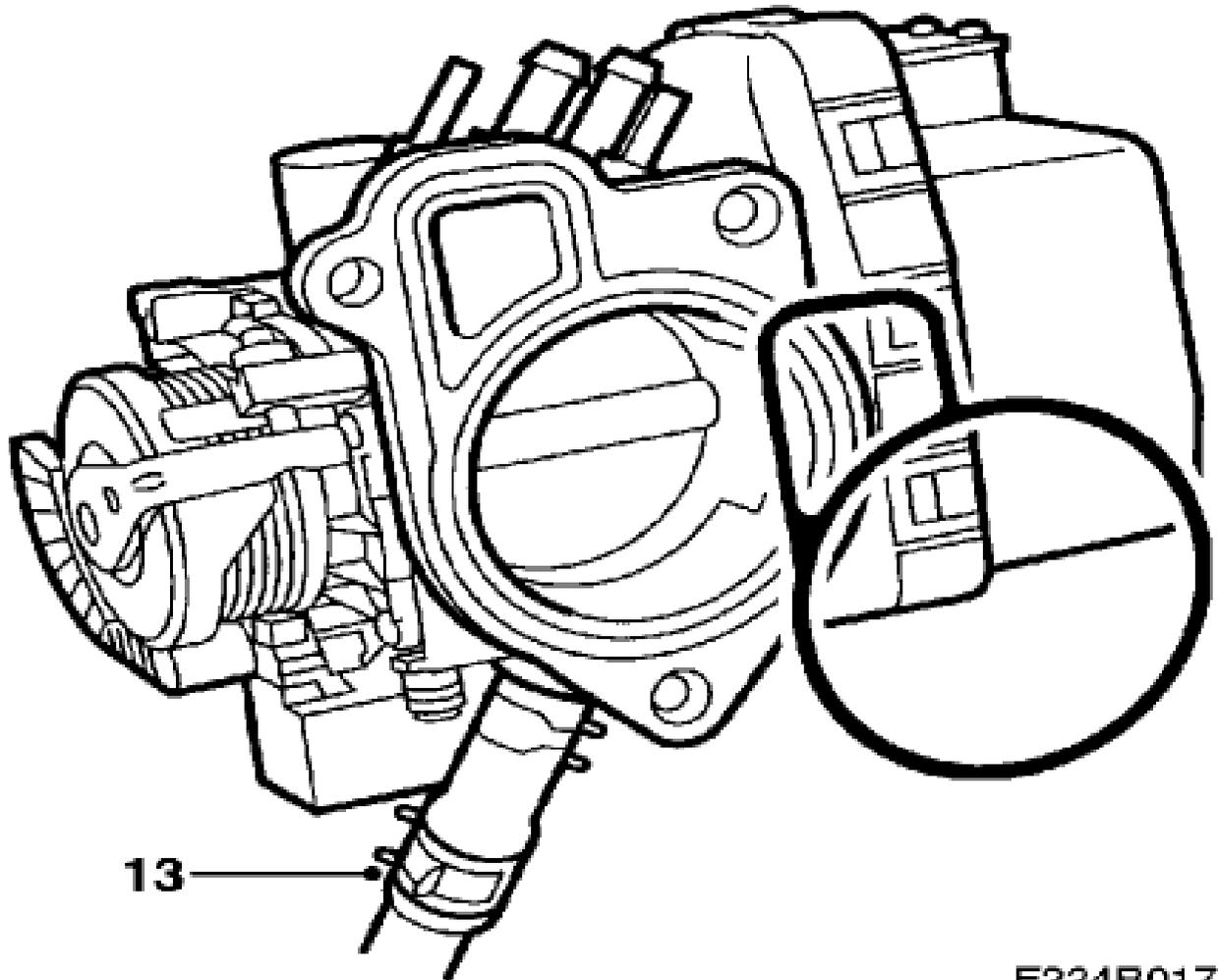
E224R016

**Disconnect the throttle cable from the throttle body's pedal arm**

**Unplug the limp-home solenoid's connector**

**Unplug the throttle body's 10-pin connector**

**Remove the 3 throttle body retaining bolts.**



E224R017

Lift up the throttle body and detach the hose under the limp-home solenoid.

To fit

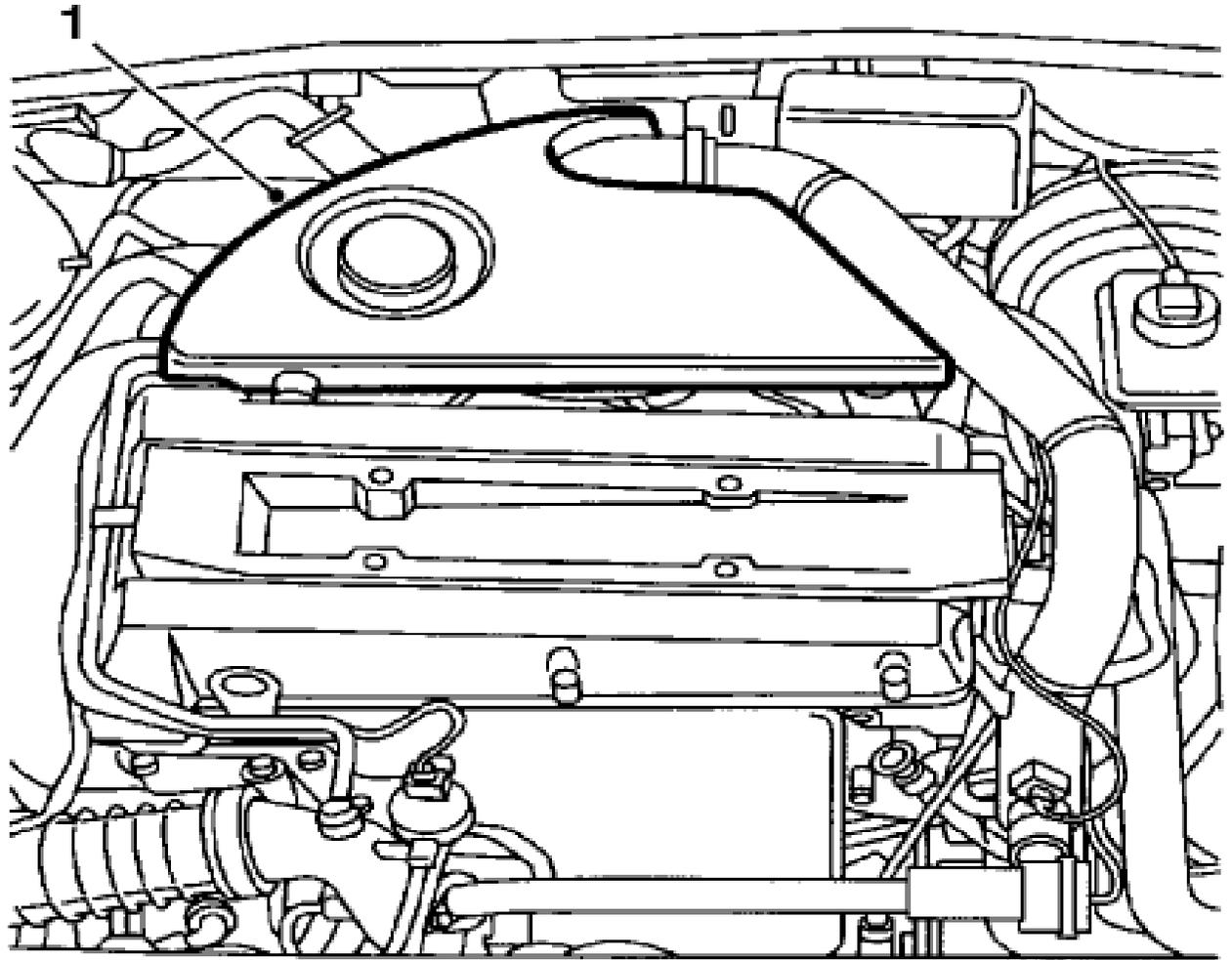
Fit in reverse order.

Spray all connectors with Kontakt 61 contact cleaner (part No.30 21 763).

Change the rubber seal between throttle body and intake manifold as necessary and coat it sparingly with Vaseline.

Tightening torque 10 Nm (7.4 lbf ft).

**Resetting activated limp-home solenoid;**



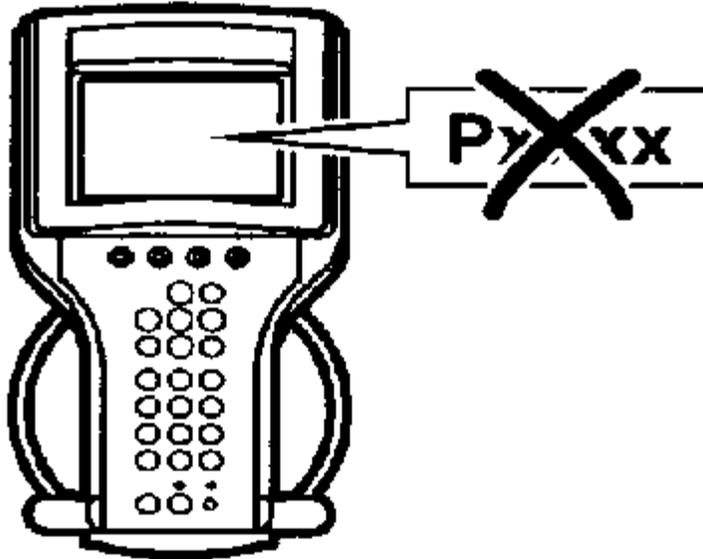
E224R021

**Remove the engine cover**

2



3



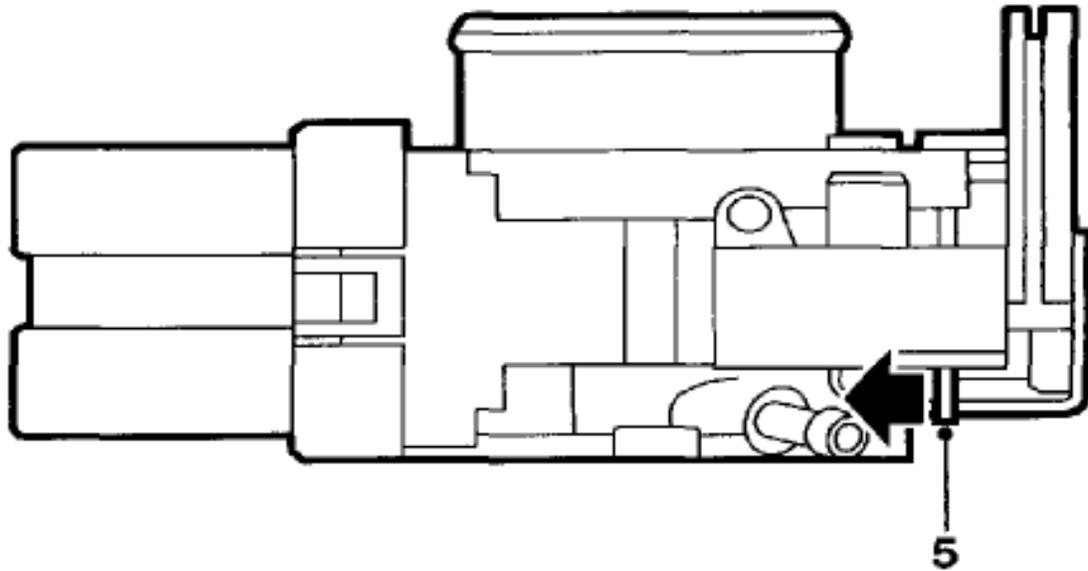
4



E224R022

Turn the ignition switch to ON

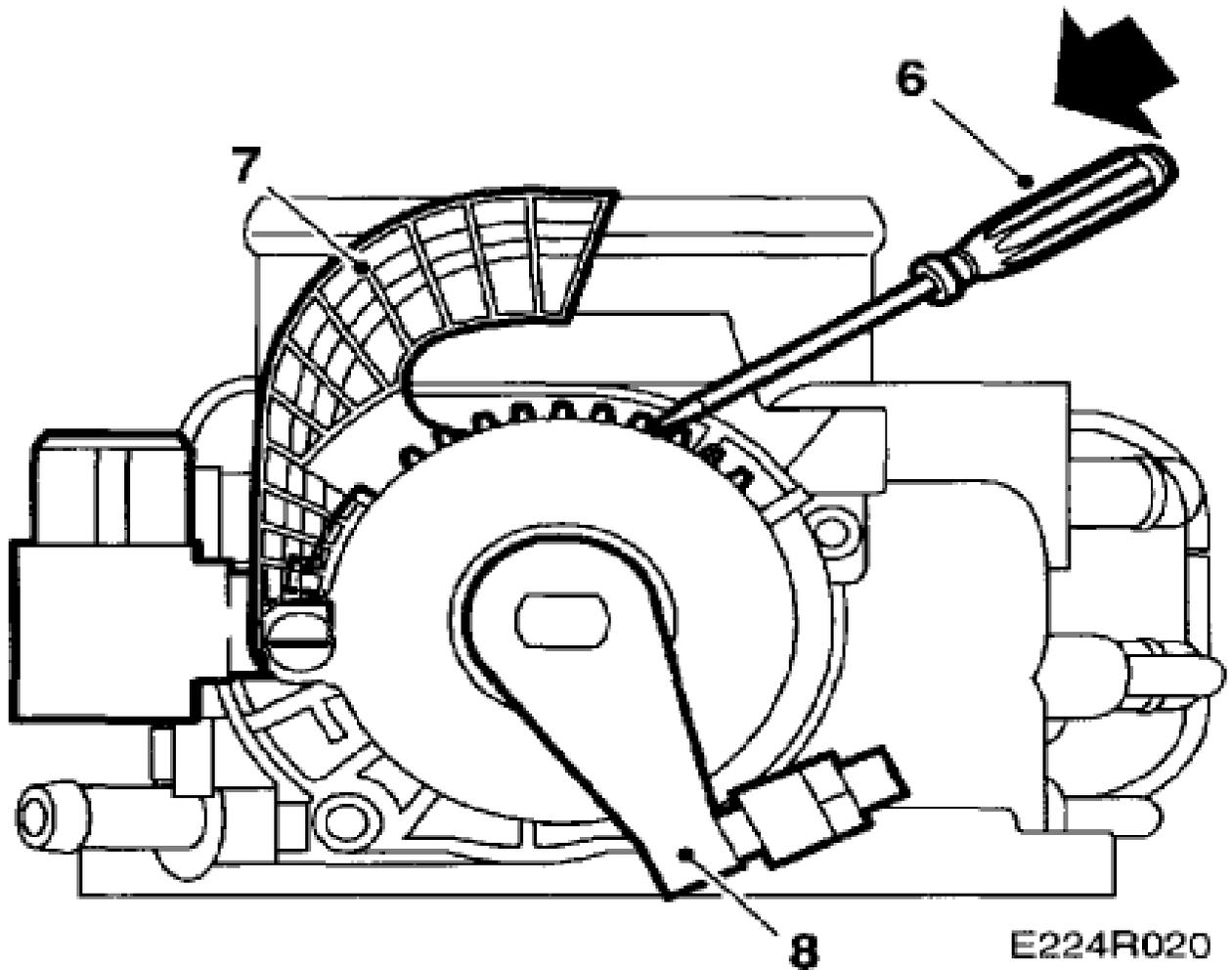
Contact the Trionic and clear diagnostic trouble codes.  
Turn the ignition switch to OFF and wait 10 seconds.



E224R019

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**Carefully push the end of the spring towards the throttle body.**



Turn the black-toothed disc anticlockwise, using a screwdriver.  
When it reaches the stop position a click will be heard  
Turn the pedal arm clockwise.  
Check that the throttle arm does not follow the movement of the  
pedal arm

**ASI**

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