

If the specified resistance is not obtained:

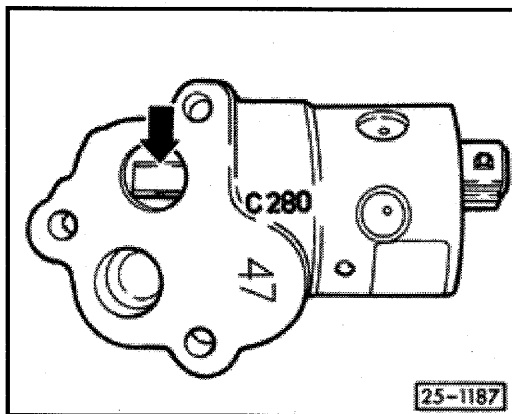
- Replace Idle Air Control (IAC) valve.

Note:

At room temperature, the resistance value will be lower. The resistance value will be higher if the Idle Air Control (IAC) valve is measured at under-hood operating temperatures.

Checking mechanical function

- Remove Idle Air Control (IAC) valve.



- Visually check surface of rotary slide (arrow) for signs of wear.

CAUTION!

Do not check for ease of movement by prying on the rotary slide using a screwdriver or other tools that could potentially cause scratching.

- Re-connect valve (still removed) to harness connector.
- Switch ignition on.
- Use scan tool "Output Diagnostic Test Mode" function 03 to trigger Idle Air Control (IAC) valve -N71- => Repair Group 01.
- Check whether rotary slide moves smoothly and freely from stop to stop.

If there are signs of scoring that impair free movement, or if the rotary slide does not move freely (sticks, moves slowly or does not move fully in both directions):

- Replace Idle Air Control (IAC) valve.