

### Idle control valves

The Idle control Valve controls the amount of air let into the inlet manifold when on idle. This valve has a 'pin' which moves in and out incredibly fast in order for the engine idle to be controlled accurately.

Common symptoms of a faulty Idle Air control Valve are:

- Poor idling
- Cutting out when the engine speed drops (approaching bends, roundabouts etc)
- High revving on idle
- Idle speed going up and down

A diagnostic machine will sometimes point out that the valve is faulty, however, not always.

When fitting a new idle valve, it is very important to thoroughly clean the housing prior to fitting. After fitting the new valve, you should also go through a simple reset procedure:

1. Switch ignition on (do not start engine) Leave for 10 seconds, then switch ignition off.
2. Switch ignition back on for 10 seconds, then switch off.
3. Switch ignition back on for 10 seconds, then switch off.
4. Start engine and take vehicle for drive going through gears.  
The idle speed should settle to the required speed.

