

# Injectronics

Remanufactured Automotive Electronics Components

## TECHNICAL BULLETIN

**Document number: T0098**

*For further technical information regarding testing, repairs or to search for New or Remanufactured Automotive electronic products, please visit [www.injectronics.com.au](http://www.injectronics.com.au), call our office on (+613) 8792 6999, or email [sales@injectronics.com.au](mailto:sales@injectronics.com.au)*

**Make: Various**

**Model: Electric throttle body or idle control**

**Subject: Poor idle quality or stalling**

Injectronics receives numerous phone calls & units for testing regarding engine idle stability. For vehicles with the later style throttle assembly it is imperative that the throttle plate area is free of contamination.

The idle control works by electronically opening the throttle plate, there is only a limited degree of opening allowed for idle control.

Combustion by-pass gases & high engine operating temperatures create contamination on the throttle body & around the throttle plate area reducing the clearance between the throttle plate & the throttle body.

With little or no air by-passing the throttle plate engine idle quality is compromised.

The throttle body assembly should be removed & carefully cleaned around the throttle plate area, do not attempt to clean these units while on the vehicle.

The throttle body assembly will have to be re-learnt to the vehicle after reassembly to the inlet manifold.

Turn the ignition switch to the ON position, (do not attempt to start the engine). The throttle plate will be driven through its full operating range by the throttle plate control motor (from closed throttle to full throttle & back to closed throttle).

Turn the ignition switch to the OFF position & start the engine.

**T0098.doc**

This publication is distributed with the understanding that the authors, editors and publishers are not responsible for the results of any actions or works of whatsoever kind undertaken on the basis of information contained in this publication, nor for any errors or omissions contained herein. The publishers, authors and editors expressly disclaim all and any liability to any person whomsoever whether a purchaser of this publication or not in respect of anything and of the consequences of anything done or omitted to be done by any such persons in reliance, whether whole or partial upon the whole or any part of the contents of this publication. Injctronics Australia Pty Ltd. © Copyright 2001.