

# Injectronics

Remanufactured Automotive Electronics Components

## TECHNICAL BULLETIN

**Document number: T0052**

*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: Various**

**Subject: Vane air flow meter / lean mixture**

For a number of years Injectronics has been flow testing and calibrating air flow meters using our in house designed, fully automated flow bench. The calibration procedure involves a technician being guided through a number of calibration settings and finally the unit is flow tested through its entire range and tested for any errors. A calibration graph can then be printed. Occasionally customer that have installed a new Air Flow Meters or an Injectronics remanufactured air flow meter, have queried why the engine now runs lean. In most cases this has been due to the previous air flow meter being tampered with and having the calibration spring loosened. The output signal would then result in a richer running engine. This has usually been done because of other problems, such as blocked injectors. With blocked injectors, fitting a new or remanufactured air flow meter will result in the engine running lean. Our air flow meters have been precisely set to OEM calibration. If you have a vehicle that is running lean after installation one of our flow meters, please check to see if there are any other problems with the engine. For more details on this point and other technical matters please contact our technical service advisors.

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