

Injectronics

Remanufactured Automotive Electronics Components

TECHNICAL BULLETIN

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Make: Various

Model: Various

Subject: Lean running on hot film air mass meters

Hot Film Air Mass Meters are generally fitted on later model vehicles and differ from Hot Wire Air Mass Meters in that they have a thin platinum coated ceramic board as a sensor instead of an actual wire. After receiving complaints about these units suffering from lean running faults on a regular basis, Injectronics has discovered that the fault is caused by having an oil type air filter fitted to the vehicle.

It was discovered that the element in this Hot Film Air Mass Meter is being covered in oil, which is baking on to the element and unlike Hot Wire Air Mass Meters there is no burn off procedure to clean the element, causing the unit to sense incorrectly and generally give a lean reading to the ECU, which in turn causes problems in engine running.

The original air filter will need to be fitted to the vehicle to stop this fault occurring again after the replacement Air mass meter has been fitted

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