

# Injectronics

## TECHNICAL BULLETIN

### FORD KE LASER / MAZDA 323

#T0028

**Make:** Ford Laser KE / Mazda 323

**Model:** 1.6L Turbo

**Subject:** No ignition

Injectronics has experienced a number of times, technicians fitting the incorrect parts to Ford / Mazda 1.6L turbo distributors causing no ignition. The distributor looks like it has 2 Ignition modules but in fact there are 2 sensors. The top sensor is a Mitsubishi J911 and it is called the G sensor. It has 2 terminals marked 'B' for battery power supply and 'G' for G sensor, which provides a pulsed earth as the distributor turns.

The bottom or lower module is only a terminal block and does not have any electronics in it. It is a direct connection to the inductive wheel sensor and windings and provides a terminal block for the wires going out of the distributor to the ignition / knock control module mounted on the drivers side ground.

Technicians often fit the J117 ignition module in place of the terminal block (as it looks identical) from non turbo distributors which will not operate. To check if the correct module / terminal block are fitted to the distributor, check there is continuity from the pickup winding terminal to the wire connection terminal on both sides of the module / terminal block.

