

## SMC / SM2 / SUBARU 99 - 00 / EVO IV -VIII ECU ERROR CODES

Codes flash on ECU diagnostic light each time the Ignition is turned on.

Codes are 2 digits, with a 2.5sec pause between digits and a 5sec pause between codes (eg: code 2:1 gives 2 flashes, a 2.5sec pause and then 1 flash).

Stored historic codes display first, then after a 10sec pause, current codes display when detected (current Throttle, Cylinder, Sync, Sync loss and feedback codes only display when cranking is attempted or engine is running).

Stored historic codes display for 20 warm-up cycles after last occurrence unless cleared by PC software.

On continuously	Internal error – Return to factory ( <a href="http://www.autronic.com.au">www.autronic.com.au</a> )
Fast flashing	Internal error – Return to factory
1:1	No Errors
1:3	Throttle sensor out of range
1:4	O2 Sensor out of range
2:1	Air temperature sensor out of range
2:2	Coolant temperature sensor out of range
2:3	Barometric pressure out of range
2:5	Vehicle (wheel) speed <sup>1</sup>
2:6	Over boost detected
3:1	Manifold pressure sensor out of range
3:3	Cylinder (Crank) input signal missing
3:4	Sync (Cam) input signal missing
4:1	Exhaust backpressure sensor out of range <sup>1</sup>
4:3	Sync loss – Extra Cylinder pulses or too few Sync pulses
5:3	ECU supply over voltage
7:1	Lambda feedback
7:3	ECU power down
8:2	CMOS RAM memory loss
9:9	EEROM error – Return to factory

Notes:

<sup>1</sup> Only applicable to SM2 ECU.