

## SM3 / SM4 / SUBARU MY 01 - 05 / EVO IX 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, HSI 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
1:2	O2 Sensor 2 (spare) out of range
1:3	Throttle sensor out of range
1:4	O2 Sensor 1 (main) out of range
1:5	High Speed Input 1 missing for Cam control
1:6	Fuel temperature sensor out of range
2:1	Air temperature sensor out of range
2:2	Coolant temperature sensor out of range
2:3	Barometric pressure sensor out of range
2:4	Knock sensor or Knock control hardware
2:5	High speed input 2 missing for cam control
2:6	Over boost detected
3:1	Manifold pressure sensor out of range
3:2	Knock control limit reached
3:3	Cylinder (Crank) input signal missing
3:4	Sync (Cam) input signal missing
3:5	Oil pressure sensor out of range
4:1	Exhaust backpressure sensor out of range
4:2	Sync loss - Too few Cylinder pulses or Extra Sync pulses
4:3	Sync loss – Extra Cylinder pulses or too few Sync pulses
4:4	Oil temperature sensor out of range
4:5	Analogue input 2 out of range
5:1	Cam 1 position error tolerance & time exceeded
5:2	Cam 2 position error tolerance & time exceeded
5:3	ECU supply over voltage
5:4	Analogue input 3 out of range
6:1	Fuel pressure sensor out of range
6:2	Analogue input 1 out of range
6:3	Analogue input 4 out of range
7:1	Lambda feedback
7:3	ECU power down
8:2	CMOS RAM memory loss
9:9	EEROM error – Return to factory