Autronic

FUEL INJECTION — ADVANCED CONTROLS
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KNOCK1 MODULE ERROR CODES

Codes flash on the Knock module 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.
Stored historic codes display for 20 engine start-ups [1] after last occurrence unless manually cleared [2,3].

On continuously	12v power supply is inadequate or Internal malfunction - contact Autronic
Fast flashing	Internal malfunction - contact Autronic
1:1	No Errors
4:1	Event buffer overflow - contact Autronic
2:3	Event start overflow - contact Autronic
3:2	Trigger input frequency too high (typ. > 16000 RPM)
3:3	Cylinder trigger signal I/P missing [4]
3:4	Sync trigger signal I/P missing [4]
4:2	Too few cylinder trigger pulses [4]
4:3	Too many cylinder trigger pulses [4]
9:9	EEROM error - contact Autronic
1:10	Knock sensor disconnected, faulty or not securely attached to engine
2:10	2nd knock sensor disconnected, faulty or not securely attached to engine [4]
1:11	Knock sensor I/P DSP overload
2:11	2nd knock sensor I/P DSP overload [4]
1:12	Knock sensor I/P signal overload
2:12	2nd Knock sensor I/P signal overload [4]
1:13	Knock sensor disconnected or faulty
2:13	2nd knock sensor disconnected or faulty [4]
1:14	Knock sensor short circuit
2:14	2nd knock sensor short circuit [4]
1:4	Signal BG overload

Notes:
[1] A start-up is defined as more than 10min of continuous power-on.
[2] To clear Error histories depress the 'Error reset' push-button switch for 5 sec within 60sec of power-on. Successful clearing is indicated by a sequenced single flash of each knock indicator light. Error history clearing cannot be repeated until after the power supply is removed then restored.
[3] The single channel version does not have an 'Error reset' push-button and thus cannot be manually cleared.
[4] Only applicable to the 2 channel version configured for 2 sensor application.