

# SMC ECU Configuration Mode Flag Selection v1.99

(Only applicable to ECU firmware I.D.: - \_AUTRONIC\_c001v1.99)

19-Jun-2015

Mode Flag No.	Function	Value
0	P.C. Software configures these Calibrations using Pick Lists (Do not access directly)	
1	P.C. Software configures these Calibrations using Pick Lists (Do not access directly)	
2	P.C. Software configures these Calibrations using Pick Lists (Do not access directly)	
3	P.C. Software configures these Calibrations using Pick Lists (Do not access directly)	
4	P.C. Software configures these Calibrations using Pick Lists (Do not access directly)	
5	Enable Anti-Lag function to Auxiliary O/P or Inj 8 O/P	128
	Redirect Anti-Lag function from Inj 8 to Auxiliary O/P	Add 4
6	Allow Anti-Lag O/P if "Load" > 100.0	0
	Inhibit Anti-Lag O/P if "Load" > 100.0	Add 128
7	Select Standard trigger option (Crank pulses per Engine cycle = Cylinder number, Cam pulses per Engine cycle = 1)	0
	Subaru Impreza trigger option (2 x 3 Crank & 3,1,2,1 Cam Pulse Wheels that require a Dual Channel Reluctor Interface)	1
	Mitsubishi Lancer trigger option (4 / rev & 1 x wide, 1 x narrow / rev in Camshaft driven module only)	2
	Select 150° / 90° (V6) trigger option	4
	Enable Anti-Lag Cooldown Timeout	Add 8
	Select Anti-Lag Dropped Injection Cool-Down function	Add 16
	Select Anti-Lag Throttle Closed Inhibit function	Add 32
	Select Automatic Anti-Lag Operation (Anti-Lag On for 15 SEC after RPM exceeds 5000)	Add 64
	Select Anti-Lag Control by Switch I/P (Gnd I/P to Activate)	Add 128
8	Ignition triggering of all Cylinders 1 to 8 allowed	0
	Inhibit cylinder 1 Ignition	Add 1
	Inhibit cylinder 2 Ignition	Add 2
	Inhibit cylinder 3 Ignition	Add 4
	Inhibit cylinder 4 Ignition	Add 8
	Inhibit cylinder 5 ignition	Add 16
	Inhibit cylinder 6 Ignition	Add 32
	Inhibit cylinder 7 Ignition	Add 64
9	Inhibit cylinder 8 Ignition	Add 128
	Ignition triggering of all Cylinders 9 to 16 allowed	0
	Inhibit cylinder 9 Ignition	Add 1
	Inhibit cylinder 10 Ignition	Add 2
	Inhibit cylinder 11ignition	Add 4
	Inhibit cylinder 12 Ignition	Add 8
	Inhibit cylinder 13 Ignition	Add 16
	Inhibit cylinder 14 Ignition	Add 32
10	Inhibit cylinder 15 Ignition	Add 64
	Inhibit cylinder 16 Ignition	Add 128
	Use Idle Ignition Timing Table @ Idle	0
	Use Main Ignition Timing Table @ Idle	1
11	Ignition Timing Modifier 1 is Charge temperature dependent	Add 0
	Ignition Timing Modifier 1 is Coolant temperature dependent	Add 2
11	P.C. Software configures these Calibrations using Pick Lists (Do not access directly)	
12	P.C. Software configures these Calibrations using Pick Lists (Do not access directly)	
13	Disable Extra-Pulse Sync function	0
	Enable Extra-Pulse Sync function (Cam trigger with Cylinder number + 1 pulses per Engine cycle)	128
14	P.C. Software configures these Calibrations using Pick Lists (Do not access directly)	
15	P.C. Software configures these Calibrations using Pick Lists (Do not access directly)	
Notes		
Warnings		