

| Mode Flag No.   | Function   | Value  |
|---|--|--------|
| 0   | Select 'Manifold Absolute Pressure' mapped calibration   | 0      |
|   | Select 'Throttle Position' mapped calibration  | 1      |
|   | Select for 4 cycle engine  | Add 0  |
|   | Select for 2 cycle engine (and rotary engine)  | Add 4  |
|   | Enable Open Loop A/F Ratio Table   | Add 16 |
|   | Enable Open Loop Highway Mode  | Add 32 |
|   | Enable Closed Loop A/F Ratio Control   | Add 64 |
| Enable 2X Ignition O/P Pulse duration                             | Add 128  |        |
| 1   | 1 coil Ignition system   | 1      |
|   | 2 coil Ignition system   | 2      |
|   | 3 coil Ignition system   | 3      |
|   | 4 coil ignition system   | 4      |
|   | Enable "1 coil Ignition system" O/P Inhibit during SYNC loss. ("2,3&4 coil systems" always inhibit during SYNC loss) | Add 8  |
|   | Negative triggered Ignition amplifier (module) e.g. Smart HEI  | Add 0  |
|   | Positive triggered Ignition amplifier (module) e.g. MSD  | Add 32 |
|   | Cylinder Reference pulse input positive triggered  | Add 0  |
|   | Cylinder Reference pulse input negative triggered  | Add 16 |
|   | Cylinder pulse input positive triggered  | Add 0  |
|   | Cylinder pulse input negative triggered  | Add 64 |
| Cylinder pulse input positive & negative triggered                | Add 128  |        |
| 2   | No Air/fuel ratio sensor   | 0      |
|   | Proportional Air/fuel ratio I/P (0.0 - 1.0volt => 10:1 to 30:1 air/fuel ratio)                                       | 1      |
|   | 'Bosch' or 'Autronic' 4 wire O <sub>2</sub> Sensor (for Narrow band 'Emissions control')                             | 2      |
| 3   | No functions assigned  |        |
| 4   | No functions assigned  |        |
| 5   | Idle Speed Control function (for PWM proportional type valve) to Auxiliary O/P                                       | 1      |
|   | Boost Control function (for PWM proportional type valve) to Auxiliary O/P  | 2      |
|   | Main Cooling Fan function (Fan 1) to Auxiliary O/P   | 3      |
|   | User Defined PWM O/P Table to Auxiliary O/P  | 4      |
|   | Fuel Used O/P Pulse function to Auxiliary O/P  | 5      |
|   | Redirect User Defined ON/OFF O/P function from Inj 5 to Auxiliary O/P  | 6      |
|   | Select "Throttle Position" as Axis variable for User Defined PWM or ON/OFF O/P                                       | Add 0  |
| Select "Load" as Axis variable for User Defined PWM or ON/OFF O/P | Add 8  |        |
| 6   | PWM O/P frequency = 10Hz   | 0      |
|   | PWM O/P frequency = 20Hz   | 4      |
|   | PWM O/P frequency = 30Hz   | 8      |
|   | PWM O/P frequency = 40Hz   | 12     |
| 7   | No functions assigned  |        |
| 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 |
| Inhibit cylinder 8 Ignition                                       | Add 128  |        |
| 9   | Ignition triggering of all Cylinders 9 to 16 allowed   | 0      |
|   | Inhibit cylinder 9 Ignition  | Add 1  |
|   | Inhibit cylinder 10 Ignition   | Add 2  |
|   | Inhibit cylinder 11 Ignition   | Add 4  |
|   | Inhibit cylinder 12 Ignition   | Add 8  |
|   | Inhibit cylinder 13 Ignition   | Add 16 |
|   | Inhibit cylinder 14 Ignition   | Add 32 |
|   | Inhibit cylinder 15 Ignition   | Add 64 |
| Inhibit cylinder 16 Ignition                                      | Add 128  |        |

| Mode Flag No. | Function   | Value    |
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| 10            | Use Idle Ignition Timing Table @ Idle  | 0        |
|               | Use Main Ignition Timing Table @ Idle  | 1        |
|               | Ignition Timing Modifier 1 is Charge temperature dependent   | Add 0    |
|               | Ignition Timing Modifier 1 is Coolant temperature dependent  | Add 2    |
| 11            | Wiring Loom has Power Supply and Fuel Pump / Injector Supply Relays (i.e.: ECU Power Feed is to Pin 25 or 26 from a Relay that de-energizes during Battery Reversal) | 0        |
|               | Wiring Loom has only Fuel Pump / Injector Supply Relay (i.e.: Direct Power Feed from Ignition Switch / Relay to ECU Pin 29 Only)                                     | 1        |
| 12            | Disable Soft Rev Limit Fuel Cut  | 0        |
|               | Enable Soft Rev Limit Fuel Cut   | 1        |
|               | Disable Soft Rev Limit Spark Cut   | Add 0    |
|               | Enable Soft Rev Limit Spark Cut  | Add 2    |
| 13            | No functions assigned  |          |
| 14            | Closed Loop A/F Ratio Control "Gain Setting"   | 0 to 255 |
| 15            | Closed Loop A/F Ratio Control "Adaption Setting" or Set Anti-Lag Extra Fuel Amount 2.6 counts / %  | 0 to 255 |
| Notes         |  |          |