

July 2018

# How to configure a MBE9A4/9A8 with an AiM Dashboard

This will give a guide to setting up the AiM dashboards (can also be used to give an indication for setting up other dashboards), however if you are unused to operating these systems, we would recommend that you contact a professional programmer or your dashboard supplier & have them carry out this work for you.

Please be aware that Technical Support involving our Technicians is chargeable

	System Mapping Logging Tools Option				
	Maps and Settings Ctrl+U	27101	• •		9A8ad25a.ec2
	Transfer All Data		Throttle Site 1 🔷 🔸	Throttle Angle 1 (Raw) 🔶 🕂	Battery Voltage
	Can Datastream	<ul> <li>Setup</li> </ul>			
	Device Info Set Default Data		0 000	0 000	
	Reset Adaptive Maps Clear Logged Faults Clear Histogram Logged Data		0.000	0.000	
Targ	Clear Engine Run Time Test Outputs		Long Term Adaptive Status +	Engine Synch Status +	Coolant Temp
	Merge then Zero Adaptive Maps				

## EASIMAP 6

Please refer to the correct picture (shown below) that relates to your ECU

#### Setup : "CAN.ecc" ChipFile in C:\Programme\Easimap6\9A4\*

Send Send/Close Reload Import Options Window Exit Mapping DISABLED

Setup

Select a Message identifier

Message Identifier 32E

### MBE9A4 CAN

Number of channels (8 Channels (rows in table below) Y Maximum 8

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Message	Identifier	Data 1		Data 2		Data 3		Data 4		Data 5		Data 6		Data 7
1	1	Coolant Temperature	*	Engine Speed (MSB)	*	Engine Speed (LSB)	*	Throttle Voltage	۷	Throttle Site	۷	Supply Votage	~	Air Temperature
2	2	Gear	۷	Gear Voltage	۷	Oil Pressure	*	Oil Temp	٧	MAP 1 (Site)	٧	Baro Pressure mbar(MSB)	¥	Baro Pressure mBar(LSB)
3	3	Ignition Advance (Bank A)	¥	Ignition Advance (Bank B)	¥	Injection Time (Bank A)	~	Injection Time (Bank B)	۷	Injection Time (Upper A)	*	Injection Time (Upper B)	~	Inj Lower/Upper Split
4	4	Lambda	۷	MAP 1	۷	Inj Duty Cycle (A)	~	Inj Duty Cycle (B)	۷	Target Lambda	*	Target Boost	~	Launch Timer
5	5	Launch Voltage	۷	Limiter(MSB)	۲	Limiter(LSB)	*	WheelSpeed (MSB)	Y	WheelSpeed (LSB)	۲	Shift Light 1 (Mask 08)	Y	Shift Light 2(Mask 02)
6	6	Shitt Light 1(Mask 08)	۷	Shift Light 1(Mask 08)	۷	Water Pump Duty Cycle	*	Fuel Trin Inj A (MSB)	*	Fuel Trim Inj A (LSB)	*	Fuel Trim Inj B (MSB)	~	Fuel Trim Inj B (LSB)
7	7	Fuel Trim Inj C (MSB)	۷	Fuel Trim Inj C (LSB)	۷	Fuel Trim Inj D (MSB)	~	Fuel Trim Inj D (LSB)	٧	Undefined	~	Undefined	~	Shift Light 1 (Mask 08)
8	8	Undefined	*	Undefined	~	Undefined	~	Undefined	*	Undefined	*	Undefined	~	Shift Light 1(Mask 08)

#### 🖀 Setup : "CAN.ecc" ChipFile in C:\Programme\Easimap6\9A8 \*

Send Send/Close Reload Import Options Window Exit Mepping DISABLED

### MBE9A8 CAN

Select a Message identifier

Setup\*

Message Identifier 32E

Number of channels 8 Channels (rows in table below) V Maximum 8

Message	Identifier	Data 1		Data 2		Data 3		Data 4		Data 5		Data 6		Data 7	
1	1	Coolant Temperature	~	Engine Speed (MSB)	~	Engine Speed (LSB)	~	Throttle Voltage	~	Throttle Site	~	Supply Voltage	~	Air Temperature	~
2	2	Gear	*	Gear Votage	¥	Oil Pressure	*	Oil Temp	*	MAP 1 (Site)	*	Baro Pressure mbar(MSB)	*	Baro Pressure mBar(LSB)	1
3	3	Ignition Advance (Bank A)	¥	Ignition Advance (Bank B)	×	Injection Time (Bank A)	~	Injection Time (Bank B)	¥	Injection Time (Upper A)	۷	Injection Time (Upper B)	~	Inj Lower/Upper Split	~
4	4	Lembda	~	MAP 1	~	Inj Duty Cycle (A)	~	Inj Duty Cycle (B)	*	Target Lambda	~	Target Boost	~	Launch Timer	~
5	5	Launch Voltage	×	Limiter(MSB)	*	Limiter(LSB)	~	WheelSpeed (MSB)	~	WheelSpeed (LSB)	*	Shift Light 1(Mask 08)	~	Shift Light 2(Mask 02)	~
6	6	Rad Fan 1(Mask 01)	*	Rad Fan 2(Mask 02)	*	Water Pump Duty Cycle	~	Fuel Trim Inj A (MSB)	~	Fuel Trim Inj A (LSB)	~	Fuel Trim Inj B (MSB)	~	Fuel Trim Inj B (LSB)	~
7	7	Fuel Trim Inj C (MSB)	~	Fuel Trim Inj C (LSB)	~	Fuel Trim Inj D (MSB)	~	Fuel Trim Inj D (LSB)	~	Fuel Trim Inj E (MSB)	~	Fuel Trim Inj E (LSB)	~	Undefined	~
8	8	Fuel Trim Inj F (MSB)	v	Fuel Trim Inj F (LSB)	v	Fuel Trim Inj G (MSB)	~	Fuel Trim Inj G (LSB)	~	Fuel Trim Inj H (MSB)	~	Fuel Trim Inj H (LSB)	~	Undefined	~



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