

LMBDA-04 pin outs for MBE9A9

For single Lambda setup

Sensor 1 Connector	MBE9A9 ECU Connector	Designation
1	A049	Lambda 1 P
2	A048	Lambda 1 VG
3	A043	Lambda 1 Heater
4	B117	IGN Output *
5	A015	Lambda 1 R
6	A029	Lambda 1 N

For Dual Lambda setup (Typically 8 Cylinder Engines)

Sensor 1 Connector	MBE9A9 ECU Connector	Designation	Sensor 2 Connector	MBE9A9 ECU Connector	Designation
1	A049	Lambda 1 P	1	B083	Lambda 2 P
2	A048	Lambda 1 VG	2	B092	Lambda 2 VG
3	A043	Lambda 1 Heater	3	A042	Lambda 2 Heater
4	B117-Common	IGN Output *	4	B117-Common	IGN Output*
5	A015	Lambda 1 R	5	B084	Lambda 2 R
6	A029	Lambda 1 N	6	B091	Lambda 2 N

* Pin B117 is one of the programmable high output pins on the MBE9A9, this must be configured if used, alternatively a switched Ignition supply can be used, but we recommend using the ECU switched pin.



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