

## 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.



SBD Motorsport Ltd  
Unit 15, Red Lion Business Park, Red Lion Road, Surbiton, Surrey. KT6 7QD  
Tel: 020 8391 0121  
Email: [sbdmotorsport@btconnect.com](mailto:sbdmotorsport@btconnect.com)  
Website: [www.sbdev.co.uk](http://www.sbdev.co.uk)



SBDMotorsport



sbdevelopments