

# Lotus K4 Plug-In ECU



## Functions assignment

No.	EMU pin name	Function
1	Analog In #2	AC request
2	Analog In #4	Oil temperature
3	AUX 1	Exhaust flap
4	AUX 2	Speedometer signal for dash
5	AUX 3	Water temperature for dash
6	AUX 4	Tacho
7	AUX 5	VVT
8	AUX 6	VVT
9	H-bridge #1 winding A	IACV
10	H-bridge #1 winding B	IACV
11	H-bridge #2 winding A	IACV
12	H-bridge #2 winding B	IACV
13	Ignition coil #1	Coil cyl. #1 & #4
14	Ignition coil #2	Coil cyl. #2 & #3
15	Ignition coil #3	Radiator fan “slow”
16	Ignition coil #4	Fuel pump
17	Ignition coil #5	Main relay
18	Ignition coil #6	Radiator fan “fast”
19	Injector #1	Injector cyl. #1
20	Injector #2	Injector cyl. #2
21	Injector #3	Injector cyl. #3
22	Injector #4	Injector cyl. #4
23	Injector #5	Check engine lamp
24	Injector #6	AC clutch

Back spare connector pinout:

No.	Function
1	12V from main relay
2	Power ground
3	CAN H
4	CAN L
5	TXD
6	RXD
7	Flex fuel input
8	5V supply
9	Analog input #5
10	Analog input #6
11	EGT input #2
12	Sensor ground
13	EGT input #1
14	N.C.
15	N.C.
16	N.C.
17	N.C.
18	N.C.
19	N.C.
20	12V from main relay
21	WBO heater
22	WBO Ip
23	WBO Vs
24	WBO Rcal
25	WBO VGND
26	Power ground