

General Pin Listing for 9A4 ECU

05 07 2011

9A4 ECU

Issue 01

Pin No.	Description	To	Comment
1	Injector Drive D	Inj 2 02	Cylinder 2
2	Coolant Temp Signal	CT 01	
3	Air Temp Signal	AT 02	
4	N/C		
5	0V Analogue	TPS 03	
	0V Analogue	Baro C	
	0V Analogue	AT 01	
	0V Analogue	CT 02	
	0V Analogue	LAMBDA BROWN/BLUE	
6	Ground	Ground	Power Ground
7	Ground	Ground	Power Ground
8	CAN L	CAN 14	
9	CAN H	CAN 06	
10	N/C		
11	Crank Return	Crank 02	
12	Crank Signal	Crank 01	
13	Switched 12V Supply	IF 02	
14	Injector Drive A	Inj 1 02	Cylinder 1
15	N/C		
16	Rad Fan Relay Drive		
17	Fuel Pump Relay Drive		
18	Ignition Drive 2	Coil 03	Cylinder 2+3
19	N/C		
20	TPS Signal	TPS 02	
21	Baro Signal	Baro B	
22	5V Analogue	TPS 01	
	5V Analogue	Baro C	
23	CAM Return	CAM 02	
24	N/C		
25	N/C		
26	Injector Drive C	Inj 4 02	Cylinder 4
27	N/C		
28	N/C		
29	Lambda Signal	WHITE/BLUE	
30	CAM SIG	CAM 01	
31			
32	Injector Drive B	Inj 3 02	Cylinder 3
33	Coolant Gauge Drive	IF ??	PWM
34	N/C		Tacho drive enlgt Jerry
35			
36	Ignition Drive 1	Coil 01	Cylinder 1+4

Name **Crankshaft Sensor**
Symbol Crank
Manufacturer
Part Number
Comment
Connections

From	To	
1	ECU 12	Crank Signal
2	ECU 11	Crank Return
Screen	Ground	

Name **CAM Sensor**
Symbol CAM
Manufacturer
Part Number
Comment
Connections

From	To	
1	ECU 30	CAM Signal
2	ECU 23	CAM Return
Screen	Ground	

Name **Throttle Position Sensor**
Symbol TPS
Manufacturer
Part Number
Comment
Connections

From	To	
?	ECU 22	5Va
?	ECU 05	0Va
?	ECU 20	TPS Signal

Name **BARO**
Symbol Baro
Manufacturer Delphi
Part Number 1202 0403
Comment Green fitted with pins
Connections

From	To	
A	ECU 05	0Va
B	ECU 21	Baro Signal
C	ECU 22	5Va

Name **Coolant Temp Sensor**
Symbol Coolant
Manufacturer
Part Number
Comment
Connections

From	To	
1	ECU 02	
2	ECU 05	

Name **Air Temp Sensor**
Symbol AIR TEMP
Manufacturer
Part Number
Comment
Connections

From	To	
1	ECU 05	
2	ECU 03	

Name	Lambda		
Symbol	LAMBDA		
Manufacturer			
Part Number			
Comment			
Connections	From	To	
		ECU 29	SIG
		ECU 05	OVA
		IF 01	12V
		Ground	GROUND

Name	Injector 1		
Symbol	Inj 1		
Manufacturer			
Part Number			
Comment			
Connections	From	To	
	1	IF 01	
	2	ECU 14	

Name	Injector 2		
Symbol	Inj 2		
Manufacturer			
Part Number			
Comment			
Connections	From	To	
	1	IF 01	
	2	ECU 01	

Name	Injector 3		
Symbol	Inj 3		
Manufacturer			
Part Number			
Comment			
Connections	From	To	
	1	IF 01	
	2	ECU 32	

Name	Injector 4		
Symbol	Inj 4		
Manufacturer			
Part Number			
Comment			
Connections	From	To	
	1	IF 01	
	2	ECU 26	

Name Ignition Coil
Symbol Coil
Manufacturer
Part Number
Comment
Connections

From	To
1	ECU 36
2	IF 01
3	ECU 18

Name Interface
Symbol IF
Manufacturer
Part Number
Comment
Connections

From	To
1	INJ 1 01 BATT 12V INJ 2 01 BATT 12V INJ 3 01 BATT 12V INJ 4 01 BATT 12V COIL 02 BATT 12V
2	ECU 13 IGN Lambda 12V IGN
3	ECU 17 Fuel Pump Relay Drive
4	ECU 33 Coolant Gauge Drive

Name Ground
Symbol Ground
Manufacturer
Part Number
Comment
Connections

From	To
1	ECU 06 ECU 07 Crank Screen Cam Screen LAMBDA ORANGE/BLACK

Name CAN Link
Symbol CAN
Manufacturer Delphi
Part Number 12110250
Comment
Connections

From	To
6	ECU 09
14	ECU 08

Optional Functions (ECU must be specifically built for some of these functions)

Fuel Pump Relay, Shift Light
Rad Fan, Shift Light

Vehicle Speed, Oil Temp, Gear Position, Oil Pressure, Fuel Pressure, Launch Command, Beacon

Oil Temp, Gear Position, Oil Pressure, Fuel Pressure, Launch Command

Vehicle Speed, Oil Temp, Gear Position, Oil Pressure, Fuel Pressure, Launch Command

Shift Light, Rad Fan Relay, Fuel Pump Relay

