

Sensor - Connector map

Friday, March 23, 2018 7:33 PM

Baro Sensor: Built in to PCM

A

A1			
A2	IGP2	Lots of grounds	Sink (Constant?)
A3	IGP1	Lots of grounds	Sink (Constant?)
A4	PG2	ECU Ground?	Ground
A5	PG1	ECU Ground?	Ground
A7	CKP	Crank Sensor	Source
A8	IMRCM VPS	IMRC Valve Position Sensor	Analog Sink
A9	KS	Knock Sensor	Not really sure; potentially analog sink (page 11-24)
A10	SG2	(Analog) Sensor Ground 2	Sink (const?)
A11	SG1	(Analog) Sensor Ground 1?	Sink (const?)
A12	IACV	Idle Air Control Valve	Source
A15	TPS	TPS Signal	Analog sink
A19	MAP	MAP	Analog Sink
A20	VCC2	TP Sensor and Others	Source (const?)
A21	VCC1	MAP and Others	Source (Const?)
A26	CMPB	Cam Sensor B	Source

B

B1			
B2	INJ4	Injector 4	Source
B3	INJ3	Injector 3	Source
B4	INJ2	Injector 2	Source
B5	INJ1	Injector 1	Source
B6	FANC	Radiator Fan relay	Sink
B8	ECT	ECT Sensor	Analog Sink
B17	IAT	IAT Sensor	Analog Sink
B22	IMRC	IMRC Solenoid Valve	

E

E1	IMOFPR	Main relay 2 (Fuel Pump)	Source
E7	MRLY	Main Relay 1 (FI)	Sink
E9	IG1	Ignition Switch 1	12+ in ON (II) and Start (III)
E15	ELD		?+

E18	ACC	AC Clutch Relay	Sink
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MAP
TP
IAT
ECT
FTP
IMTVPS

Connector A:

Pin	Abbr.	Low V	High V	Type
1	AFSHTC	0	12	Analog (Current?)
22	AFSHTC+	0	12	Analog (Current?)
5	AFS +	?	?	Analog (Current?)
16	AFS -	?	?	Analog (Current?)
7	CKP	0	12	Digital
8	IMRCVPS	0	5	Analog
9	Knock	0	12?	Digital
12	IAC	0	12	Digital
15	TPS	0	5	Analog
18	VSS	0	12	Digital
19	MAP	0	5	Analog
25	CMPA	0	12	Digital
26	CMPB	0	12	Digital
27	IGPLS4	0	12	Digital
28	IGPLS3	0	12	Digital
29	IGPLS2	0	12	Digital
30	IGPLS1	0	12	Digital

Connector B:

Pin	Abbr.	Low V	High V	Type
1	VTC+	?	?	? (Differential)
23	VTC-	?	?	? (Differential)
2	INJ4	0	12	Digital
3	INJ3	0	12	Digital
4	INJ2	0	12	Digital
5	INJ1	0	12	Digital
6	FANC	0	12	Digital
8	ECT	0	5	Analog
9	VTPSW	0	12	Analog?
15	VTS	0	12	Analog?
17	IAT	0	5	Analog
22	IMRCV	0	12	Analog?

Differential Analog	3
12V Digital	19
12V Analog	5
5V Analog	5

Connector E:

Pin	Abbr.	Low V	High V	Type
1	SHO2S	0	12	Analog
6	SHO2SHTC	0	12	Digital
8	AFSHTCR	0	12	Digital
16	PSPSW	0	12	Analog?
18	ACC	0	12	Digital

25	VSS	0	12	Digital
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