

RB25DE / RB25DET ENGINE

2. ECCS CONTROL UNIT PIN LAYOUT (RB25DE / RB25DET)

101	102	103	104	105	106	107	108	1	2	3	4	5	6	7	8	9	10		21	22	23	24	25	26	27	28	29	30	41	42	43	44	45	46	47	48	49	50
109	110	111	112	113	114	115	116	11	12	13	14	15	16	17	18	19	20		31	32	33	34	35	36	37	38	39	40	51	52	53	54	55	56	57	58	59	60

RX	TX				CHK	IGN
(-)	CLK					

Terminal No.	Description	Terminal No.	Description
1	IGN SIG (pwr transistor ctrl sig) Cyl. No. 1	11	IGN SIG (pwr transistor ctrl sig) Cyl. No. 6
2	IGN SIG (pwr transistor ctrl sig) Cyl. No. 5	12	IGN SIG (pwr transistor ctrl sig) Cyl. No. 2
3	IGN SIG (pwr transistor ctrl sig) Cyl. No. 3	13	IGN SIG (pwr transistor ctrl sig) Cyl. No. 4
4	AAC valve control signal	14	Engine A/T control input signal (DT2)(A/T)
5	Engine A/T control input signal (DT1)(A/T)	15	Engine A/T control input signal (DT3)(A/T)
6	-	16	ECCS relay
7	Engine rev signal for tachometer	17	Injection pulse (Ti monitor) signal
8	-	18	Fuel pump relay
9	Air conditioner relay (A/C cut signal)	19	Power steering oil pressure SW signal
10	Earth (Ignition signal system)	20	Earth (Ignition signal system)
21(RX)	Receive (C/U data reception)	31(CLK)	Clock (synchronized signal)
22(TX)	Transmit (Data to C/U)	32	Engine warning lamp
23	Knock sensor signal 1 (Cyl. 1~3)	33	Exhaust temperature warning lamp
24	Knock sensor signal 2 (Cyl. 4~6)	34	-
25	Boost control solenoid sig (RB25DET only)	35	-
26	Air flow meter earth	36	-
27	Air flow meter intake air quantity signal	37	-
28	Engine coolant temperature sensor signal	38	Throttle sensor opening signal
29	Exhaust gas sensor signal	39	-
30	Earth (Sensor signal system)	40	-
41	Crank angle sensor 120° signal (REF sig)	51	Crank angle sensor 120° signal (REF sig)
42	Crank angle sensor 1° signal (POS sig)	52	Crank angle sensor 1° signal (POS sig)
43	Key SW START signal	53	Vehicle speed sensor
44	Neutral SW	54	-
45(IGN)	Key SW IGN signal	55	-
46	Air conditioner SW signal	56	Throttle opening output signal
47(CHK)	Check (diagnosis)	57	Exhaust temperature sensor signal
48	Throttle sensor power	58	Battery power
49	C/U power	59	C/U power
50	C/U earth	60(-)	C/U earth
101	Injector No.1	109	Inverse current feedback circuit
102	-	110	Injector No.5
103	Injector No.3	111	-
104	Fuel pump terminal power control output signal (FPCM)(RB25DET only)	112	Injector No.6
105	Injector No.2	113	Variable valve timing solenoid
106	-	114	Injector No.4
107	Injector ground	115	Exhaust gas sensor heater ground
108	Injector ground	116	Injector ground