

RB20DET ECU PINOUT
Wiring Specialties LLC



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Pin #	Description	Pin #	Description
1	IGNITION SIGNAL #1	39	
2	IGNITION SIGNAL #5	40	
3	IGNITION SIGNAL #3	41	CAM ANGLE SENSOR (120 DEGREE SIG.)
4	Idle Air Solenoid	42	CRANK ANGLE SENSOR (1 DEGREE SIG.)
5	ENGINE A/T CONTROL INPUT SIGNAL (BT1)	43	IGNITION SWITCH START SIGNAL
6	SUB ELECTRICAL FAN RELAY	44	NEUTRAL SWITCH
7	TACHOMETER SPEED SIGNAL	45	IGNITION SWITCH (IGN)
8		46	A/C SWITCH
9	A/C RELAY	47	(CHK) CHECK (DIAGNOSIS ACTIVATION)
10	GROUND	48	THROTTLE SENSOR POWER SUPPLY
11	IGNITION SIGNAL #6	49	ECCS POWER SUPPLY
12	IGNITION SIGNAL #2	50	Engine Ground
13	IGNITION SIGNAL #4	51	CAM ANGLE SENSOR (120 DEGREE)
14	ENGINE A/T CONTROL INPUT SIGNAL (BT2)	52	CRANK ANGLE SENSOR (1 DEGREE)
15	ENGINE A/T CONTROL INPUT SIGNAL (BT3)	53	VEHICLE SPEED SENSOR
16	ECCS RELAY	54	THROTTLE VALVE SWITCH
17		55	
18	FUEL PUMP RELAY	56	THROTTLE SENSOR INPUT
19	POWER STEERING SWITCH	57	THROTTLE VALVE SWITCH
20	GROUND	58	BATTERY POWER SUPPLY
21	(RX) RECEIVE	59	ECCS POWER SUPPLY
22	(TX) TRANSMIT	60	Engine Ground
23	Knock Sensor (1-3)	101	INJECTOR #1
24	Knock Sensor (4-6)	102	
25	Boost Control solenoid	103	INJECTOR #3
26	MAFS Ground	104	FUEL PUMP TERMINAL VOLTAGE OUTPUT
27	MAFS Signal	105	INJECTOR #2
28	ENGINE TEMP SENSOR	106	
29	EXHAUST GAS SENSOR	107	INJECTOR GROUND
30	SENSOR GROUND (THROTTLE SENSOR)	108	INJECTOR GROUND
31	CLOCK (SYNCHRONIZATION SIGNAL)	109	INJECTOR POWER SUPPLY
32	MONITOR AND CHECK LAMP (RED)	110	INJECTOR #5
33		111	
34		112	INJECTOR #4
35	AEM MAP Sensor Input	113	
36	AEM IAT Sensor Input	114	INJECTOR #6
37		115	
38	TPS Output	116	INJECTOR GROUND