

S14 Zenki ECU PINOUT



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S14 SR20DET ECU Pinout

Pin #	Color	Description	Pin #	Color	Description
1	R/W	COIL 1	39		
2	R/Y	COIL 2	40		
3			41	W	CAM POSITION SENSOR (REFERENCE SIGNAL)
4	S/B	IACV-AAC VALVE	42	B	CRANK POSITION SENSOR (POSITION SIGNAL)
5			43	O/L	START SIGNAL
6			44	G/O	NEUTRAL POSITION SWITCH
7	L/B	TACHOMETER SIGNAL OUTPUT	45	B/R	IGNITION SWITCH
8			46	R	THERMISTOR CONTROL AMPLIFIER
9	G/Y	A/C RELAY	47	G/R	CHECK CONNECTOR
10	B	ENGINE GROUND	48	Lg/R	TPS POWER OUTPUT
11	R/G	COIL 3	49	B/W	ECU POWER
12	R/L	COIL 4	50	B	ECU GROUND
13			51	W	CAM POSITION SENSOR (REFERENCE SIGNAL)
14			52	B	CRANK POSITION SENSOR (POSITION SIGNAL)
15			53	Y/G	VEHICLE SPEED SENSOR
16	R/B	ECU RELAY (SELF SHUT OFF)	54	L/R	LOAD SENSOR
17			55		
18	B/Y	FUEL PUMP RELAY	56		
19	O/L	COOLING FAN RELAY (LOW)	57		
20	B	ENGINE GROUND	58	R	POWER SUPPLY (BACK UP)
21	G/B	SCI-RX INPUT	59	B/W	ECU POWER
22	G	SCI-RX OUTPUT	60	B	ECU GROUND
23	W	KNOCK SENSOR SIGNAL	101	W/B	FUEL INJECTOR 1 DRIVE INPUT
24			102	L/R	EGR & CANISTER CONTROL SOLENOID
25	O/B	Boost Solenoid	103	G/B	FUEL INJECTOR 3 DRIVE INPUT
26	B	MAF SENSOR GROUND	104		
27	W	MAF SIGNAL	105	R/Y	
28	L/O	ENGINE COOLANT TEMP SENSOR	106		
29	W	HEATED OXYGEN SENSOR	107	B	ENGINE GROUND
30	B	Sensor Ground	108	B	ENGINE GROUND
31	G/W	SCI CLK (CONSULT)	109	R	ECU POWER
32	O	MALFUNCTION INDICATION LAMP	110	Y/B	FUEL INJECTOR 2 DRIVE INPUT
33	O/B	COOLING FAN RELAY (HIGH)	111		
34	Pu/W	PS SWITCH	112	L/B	FUEL INJECTOR 4 DRIVE INPUT
35	W	BOOST PRESSURE SENSOR / AEM MAP	113	Y	VTC SOLENOID VALVE
36	B	GROUND / AEM IAT	114		
37			115	B	HEATED OXYGEN SENSOR HEATER
38	W	THROTTLE POSITION SENSOR	116	B	ENGINE GROUND