



#### Connector Part Information

- Harness Type: Engine
- OEM Connector: PPI0001016
- Service Connector: Pending
- Description: 73-Way F (BK)

#### Terminal Part Information

- Terminated Lead: Pending
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - Pending
- Core/Insulation Crimp: Not Available

K20 Engine Control Module X2 (LUW)

Pin	Wire	Circuit	Function
1	0.5 BN	25	Charge Indicator Control
2	-	-	Not Used
3	0.5 L-GN	1668	Heated Oxygen Sensor High Signal Bank 1 Sensor (2)
4	0.5 L-GN	1665	Heated Oxygen Sensor High Signal Bank 1 Sensor (1)
5	0.5 BN/D-GN	485	Throttle Position Sensor Signal (1)
6-7	-	-	Not Used
8	0.5 L-GN/WH	432	Manifold Absolute Pressure Sensor Signal
9	0.5 BN/D-BU	486	Throttle Position Sensor Signal (2)
10	0.5 YE/WH	1669	Heated Oxygen Sensor Low Signal Bank 1 Sensor (2)
11	0.5 VT/BK	5273	Camshaft Position Exhaust Sensor (1)
12	0.5 BN/YE	844	Fuel Injector Control (4)
13	0.5 BK/VT	6754	Cam Phaser X Return Low Reference
14	0.5 GY/D-BU	5282	Camshaft Phaser Exhaust Solenoid (1)
15	0.5 BK/BN	6753	Cam Phaser W Return Low Reference
16	0.5 YE/WH	1745	Fuel Injector Control (2)
17	-	-	Not Used
18	0.5 VT/D-BU	6270	Crankshaft 60X Sensor Voltage
19	-	-	Not Used
20	0.5 YE/BN	1664	Heated Oxygen Sensor Low Signal Bank 1 Sensor (1)
21	0.5 GY	23	Generator Field Duty Cycle Signal

Pin	Wire	Circuit	Function
22-23	-	-	Not Used
24	0.5 YE/L-BU	231	Oil Pressure Switch Signal
25	0.5 L-GN/VT	2032	Coolant Temperature Sensor Signal
26	0.5 L-GN	6271	Crankshaft 60X Sensor Signal
27	0.5 YE/VT	5275	Camshaft Position Intake Sensor (1)
28	-	-	Not Used
29	GY/L-GN	7303	Intake Manifold Tuning Valve (IMTV) Position - Signal
30-31	-	-	Not Used
32	0.5 VT/BN	5284	Camshaft Phaser Intake Solenoid (1)
33	0.5 GY/YE	5297	Camshaft Position Exhaust Sensor Supply Voltage (1)
34	-	-	Not Used
35	0.5 VT/GY	496	Knock Sensor Signal (1)
36	0.5 GY/RD	2704	Manifold Absolute Pressure Sensor 5 Volt Reference
37-38	-	-	Not Used
39	0.5 BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference (1)
40	0.5 BK/L-GN	5301	Camshaft Position Intake Sensor Low Reference (1)
41-43	-	-	Not Used
44	D-BU	7302	Intake Manifold Tuning Valve (IMTV) Control - Signal
45	0.5 BK/VT	6272	Crankshaft 60X Sensor Low Reference
46	0.75 YE/D-BU	2124	Ignition Control (4)
47	0.75 L-BU/WH	2122	Ignition Control (2)
48	-	-	Not Used
49	0.75 BK/D-BU	2129	Low Reference
50	0.5 BN/VT	1744	Fuel Injector Control (1)
51	0.5 BN/VT	1746	Fuel Injector Control (3)
52	0.75 L-GN/VT	1423	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor (2)
53	-	-	Not Used
54	0.5 GY/D-BU	5300	Camshaft Position Intake Sensor Supply Voltage (1)
55	0.5 BK/YE	1716	Knock Sensor Low Reference (1)
56	0.5 BN/RD	2701	Throttle Position Sensor 5 Volt Reference
57-59	-	-	Not Used
60	0.5 BK/BN	2752	Throttle Position Sensor Low Reference
61	-	-	Not Used
62	0.5 BK/L-GN	469	Manifold Absolute Pressure Sensor Low Reference
63	-	-	Not Used
64	0.5 BK/BN	2761	Coolant Temperature Sensor Low Reference
65	-	-	Not Used
66	0.75 L-GN/D-BU	428	EVAP Canister Purge Solenoid Control
67	-	-	Not Used
68	0.75 BN/WH	582	Throttle Actuator Control Close
69	0.75 YE	581	Throttle Actuator Control Open
70	0.75 BU/VT	2121	Ignition Control (1)
71	0.75 L-GN/D-BU	2123	Ignition Control (3)

Pin	Wire	Circuit	Function
72	0.75 GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor (1)
73	2.5 BK	450	Ground

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