



Connector Part Information

- Harness Type: Engine
- OEM Connector: 19167430
- Service Connector: Pending
- Description: 73-Way (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 X1 (LUW)

Pin	Wire	Circuit	Function
1	0.5 BN/WH	419	Check Engine Indicator Control
2	0.5 D-GN/GY	465	Fuel Pump Primary Relay Control
3	0.75 VT/L-BU	5290	Powertrain Main Relay Fused Supply (1)
4	0.5 WH/GY	459	A/C Compressor Clutch Relay Control
5	0.5 WH/RD	1164	Accelerator Pedal Position 5 Volt Reference (1)
6	0.75 WH	1310	EVAP Canister Vent Solenoid Control
7	0.5 GY/BK	3097	5 Volt Reference (MZ0)
8-9	-	-	Not Used
10	0.5 D-BU	2500	High Speed GMLAN Serial Data (+) (1)
11	0.5 WH	2501	High Speed GMLAN Serial Data (-) (1)
12	0.75 RD/WH	140	Battery Positive Voltage
13	-	-	Not Used
14	0.75 VT/GY	139	Run/Crank Ignition 1 Voltage
15	0.5 BN/YE	473	High Speed Cooling Fan Relay Control
16	0.5 YE	5991	Powertrain Relay Coil Control
17-18	-	-	Not Used
19	0.5 BN/RD	1274	Accelerator Pedal Position 5 Volt Reference (2)
20	0.5 BK/L-BU	1271	Accelerator Pedal Position Low Reference (1)
21	0.5 BK/VT	1272	Accelerator Pedal Position Low Reference (2)
22	-	-	Not Used

Pin	Wire	Circuit	Function
23	0.5 BK/GY	6110	Clutch Apply Sensor Low Reference (MZ0)
24	0.5 BK/VT	2760	Intake Air Temperature Sensor Low Reference
25	0.5 WH/D-BU	6311	Cruise/ETC/TCC Brake Signal
26	0.5 D-GN	275	Park Neutral Position Switch Park Signal (MH8)
27	0.5 L-GN	3098	Output Speed (Digital) Signal (MZ0)
28	0.5 L-GN/WH	5007	Reverse Switch Signal (MZ0)
29	0.5 YE/BK	625	Starter Enable Relay Control
30-31	-	-	Not Used
32	0.5 GY/RD	6109	Clutch Apply Sensor Voltage Reference (MZ0)
33	0.5 BN/RD	2700	A/C Pressure Sensor 5 Volt Reference
34	0.5 YE/RD	2709	Fuel Tank Pressure Sensor 5 Volt Reference
35	-	-	-
36	0.5 VT/YE	5985	Accessory Wakeup Serial Data
37	-	-	Not Used
38	0.5 BK/D-GN	6281	Fuel Level Sensor Low Reference
39	-	-	-
40	0.5 YE/WH	1161	Accelerator Pedal Position Signal (1)
41	0.5 D-GN	380	A/C Refrigerant Pressure Sensor Signal
42	0.5 D-GN/WH	1162	Accelerator Pedal Position Signal (2)
43	0.5 D-BU	6814	Thermostat Engine Cool Control
44	0.5 D-GN/VT	335	Low Speed Cooling Fan Relay Control
45	0.5 BK/BN	5514	A/C Refrigerant Pressure Sensor Low Reference
46	0.5 BK/D-BU	6813	Coolant Temperature Sensor #2 Low Reference
47	1.0 WH/BK	3096	5 Volt Reference (MZ0)
48-50	-	-	Not Used
51	0.5 L-GN/WH	492	Mass Air Flow Sensor Signal
52	0.5 D-BU/VT	1589	Primary Fuel Level Sensor Signal
53	0.5 YE/BK	3000	Coolant Temperature Sensor #2 Signal
54	0.5 BN/VT	472	Intake Air Temperature Sensor Signal
55	D-BU/WH	890	Fuel Tank Pressure Sensor Signal
56	0.5 YE	6111	Clutch Apply Sensor Signal (MZ0)

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