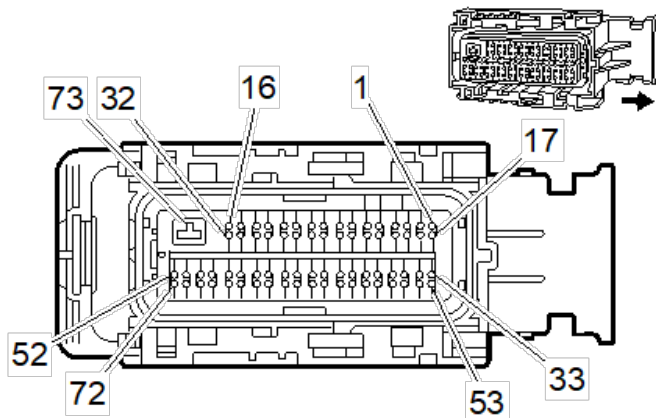


Engine Control Module (ECM) X2 (LAP)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15497996
- Service Connector: 88988372
- Description: 73-Way F 64/2.8 Series, Sealed (BK)

Terminal Part Information

- Pin: 73
- Terminated Lead: Pending
- Release Tool: J-38125-11A
- Diagnostic Test Probe: J-35616-35 (VT)
- Terminal/Tray: 7116-4152-02/9
- Core/Insulation Crimp: 2/5
- Pins: 4-8, 14-21, 30, 32-38, 41, 45-48, 50-51, 54, 58, 60-61, 65-68
- Terminated Lead: 13575575
- Release Tool: J-38125-213
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 33467-0005/23
- Core/Insulation Crimp: J/J
- Pins: 2-3, 9, 10, 13, 22-26, 31, 39-40, 42-43, 49, 53, 55-57, 59, 64
- Terminated Lead: 13575811
- Release Tool: J-38125-213
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 33467-0003/23
- Core/Insulation Crimp: H/H

Engine Control Module (ECM) X2 (LAP)

Pin	Wire	Circuit	Function
1	—	—	Not Used
2	0.35 BN/WH	6331	AIR Solenoid Signal (NU6)
3	0.35 PU	421	AIR Solenoid Relay Control (NU6)

Pin	Wire	Circuit	Function
4	0.5 TN	2761	Low Reference
5	0.5 PU	574	Low Reference
6	0.5 TN	1744	Fuel Injector 1 Control
7	0.5 PK/BK	1746	Fuel Injector 3 Control
8	0.5 L-BU/BK	844	Fuel Injector 4 Control
9	0.35 BN	2129	Low Reference
10	0.5 L-GN/BK	1745	Fuel Injector 2 Control
11-12	—	—	Not Used
13	0.35 GY/BK	2704	5-Volt Reference 1
14	0.5 L-GN	5282	Camshaft Phaser Exhaust Solenoid Control
15	0.5 PU	5284	Camshaft Phaser Intake Solenoid Control
16	0.5 YE	581	TAC Motor Control 1
17-19	—	—	Not Used
20	0.5 TN	5301	Low Reference
21	0.5 GY	5296	Low Reference
22	0.35 PU	2121	Ignition Control 1
23	0.35 L-BU	2123	Ignition Control 3
24	0.35 D-GN/WH	2124	Ignition Control 4
25	—	—	Not Used
26	0.35 OG/WH	2122	Ignition Control 2
27-29	—	—	Not Used
30	0.5 D-GN/WH	428	EVAP Canister Purge Solenoid Control
31	0.35 OG	225	Generator Turn-On Signal
32	0.5 BN	582	TAC Motor Control 2
33	0.5 D-BU	5300	5-Volt Reference 1
34	0.5 YE/BK	5297	5-Volt Reference 1
35	0.5 GY	6255	5-Volt Reference 1 (C67)
36	—	—	Not Used
37	0.5 PU/WH	3110	HO2S High Signal Sensor 1
38	0.5 PU	3120	HO2S High Signal Sensor 2
39	0.35 L-GN	432	MAP Sensor Signal

Pin	Wire	Circuit	Function
40	0.35 TN	2752	Low Reference
41	0.5 PU/WH	6256	Low Reference (C67)
42	0.35 TN	2760	Low Reference
43	0.35 GY/WH	23	Generator Field Duty Cycle Signal
44	—	—	Not Used
45	0.5 YE	573	CKP Sensor Signal
46	0.5 OG	5275	CMP Sensor Signal
47	0.5 D-GN	5273	CMP Sensor Signal
48	0.5 TN/WH	3111	HO2S Low Signal Sensor 1
49	0.35 OG/BK	469	Low Reference
50	0.5 GY	1716	KS Signal
51	0.5 D-BU	496	KS Signal
52	—	—	Not Used
53	0.5 GY	2701	5-Volt Reference 2
54	0.5 L-GN	2867	5-Volt Reference 2
55	0.35 WH	6452	5-Volt Reference 1 (NU6)
56	—	—	Not Used
57	0.35 D-GN	485	TP Sensor 1 Signal
58	0.5 YE	410	ECT Sensor Signal
59	0.35 PU	486	TP Sensor 2 Signal
60	0.5 BN	6753	CMP Actuator Solenoid Control
61	0.5 BN/WH	6754	CMP Actuator Solenoid Control
63	—	—	Not Used
64	0.35 TN	407	Low Reference (NU6)
65	0.5 GY/WH	3113	HO2S Heater Low Control Sensor 1
66	0.5 GY/WH	3122	HO2S Heater Low Control Sensor 2
67	0.5 TN/BK	231	Oil Pressure Switch Signal
68	0.5 TN/WH	3121	HO2S Low Signal Sensor 2
69-72	—	—	Not Used
73	2 BK/WH	451	Signal Ground