

X2 Connector

Pin	Wire	Circuit	Function	Notes	Existing
1	--	--	Not Available		
2	0.5 PU/WH	6270	5-Volt Reference 2 - Crank Sensor Pin C		
3	0.5 GY	2701	5-Volt Reference 2 - Throttle Body Pin E		
4	--	--	Not Available		
5	0.8 BN	582	TAC Motor Control - 2 - Throttle Body Pin A		
6	0.8 YE	581	TAC Motor Control - 1 - Throttle Body Pin B		
7	--	--	Not Available		
8	0.5 D-GN/WH	428	EVAP Canister Purge Solenoid Control - Pin B	Delete	
9	0.5 GY	5493	Valve Lifter Oil Manifold (VLOM) Assembly Cylinder 6 Shutoff Solenoid (L99)		
10	0.5 D-BU	5491	Valve Lifter Oil Manifold (VLOM) Assembly Cylinder 1 Shutoff Solenoid (L99)		
11	0.5 OG	5494	Valve Lifter Oil Manifold (VLOM) Assembly Cylinder 4 Shutoff Solenoid (L99)		
12	0.5 GY/WH	3113	HO2S Heater Low Control Bank 1 Sensor 1		
13	0.5 L-GN	3212	HO2S Heater Low Control Bank 2 Sensor 1		
14	0.5 L-GN	5492	Valve Lifter Oil Manifold (VLOM) Assembly Cylinder 7 Shutoff Solenoid (L99)		
15	--	--	Not Available		
16	0.5 PU	5284	CMP Actuator Solenoid Control (L99) - Pin 1		
17	0.5 D-BU/WH	878	Fuel Injector 8 Control		
18	0.5 TN/WH	845	Fuel Injector 5 Control		
19	0.5 YE/BK	846	Fuel Injector 6 Control		
20	0.5 TN	1744	Fuel Injector 1 Control		
21	0.5 YE	410	ECT Sensor Signal		
22	0.5 TN	2761	Low Reference - Engine Coolant Temp Sensor Pin A		
23	0.5 TN/WH	585	Transmission Fluid Temperature Sensor Signal (M10)		
	0.5 BN/L-BU	357	Oil Temperature Sensor Signal (MYC)		
24	0.5 OG/BK	586	Low Reference (M10) - Manual Trans Fluid Temp Sensor Pin A		
25	--	--	Not Available		
26	0.5 D-BU	496	Knock Sensor (KS) 1 Signal - KS1 Pin A		
27	0.5 GY	1716	Knock Sensor (KS) 1 Signal - KS1 Pin B		
28	--	--	Not Available		
29	0.5 L-BU	1876	Knock Sensor (KS) 2 Signal - KS2 Pin A		
30	0.5 GY	2303	Knock Sensor (KS) 2 Signal - KS2 Pin B		
31	--	--	Not Available		
32	0.5 GY	23	Generator Field Duty Cycle Signal - Alternator Pin 2		
33	0.5 BN	1174	Oil Level Switch Signal		
34	0.5 BK	2755	Low Reference - Oil Pressure Sensor Pin 3		
35	0.5 TN	2752	Low Reference - Throttle Body Pin C		
36	--	--	Not Available		
37	0.5 L-GN/BK	1745	Fuel Injector 2 Control		
38	0.5 PK/BK	1746	Fuel Injector 3 Control		
39	0.5 L-BU/BK	844	Fuel Injector 4 Control		
40	0.5 OG/BK	877	Fuel Injector 7 Control		
41	0.5 GY	2705	5-Volt Reference 1 - Oil Pressure Sensor Pin 2		
42	--	--	Not Available		
43	0.5 GY	2704	5-Volt Reference 1 - MAP Sensor Pin 1		
44	0.5 D-BU	6259	5-Volt Reference 1 - Cam Sensor Pin A		
45	--	--	Not Available		
46	--	--	Not Available		
47	--	--	Not Available		
48	--	--	Not Available		
49	--	--	Not Available		
50	0.5 TN/WH	331	Oil Pressure Sensor Signal - Pin 1		
51	--	--	Not Available		
52	0.5 TN	2199	Low Reference (L99) - Cam Position Actuator Pin 2		
53	0.5 OG/BK	469	Low Reference - MAP Sensor Pin 2		
54	--	--	Not Available		
55	--	--	Not Available		
56	0.5 TN	1664	HO2S Low Signal - Bank 1 Sensor 1		
57	0.5 PU/WH	1665	HO2S High Signal Bank 1 Sensor 1		
58	0.5 L-GN	432	MAP Sensor Signal		
59	0.5 PU	1666	HO2S High Signal Bank 2 Sensor 1		
60	0.5 TN	1667	HO2S Low Signal Bank 2 Sensor 1		
61	0.5 BN	25	Charge Indicator Control/Charge Indicator Signal - Alternator Pin 1	Splice into for Charge Indicator Signal	BN from Gauge
62	--	--	Not Available		
63	0.5 PU	486	TP Sensor 2 Signal - Throttle Body Pin F		
64	0.5 D-BU/WH	6265	Camshaft Position Signal - Pin C		
65	0.5 D-GN	485	TP Sensor 1 Signal - Throttle Body Pin D		
66	0.5 BN	6266	Low Reference - CAM Sensor Pin B		
67	--	--	Not Available		
68	0.5 WH/BK	6271	Crankshaft Position Sensor Signal - Pin A		
69	0.5 GY/BK	6272	Low Reference - Crank Sensor Pin B		
70	0.5 PU	2121	IC 1 Control - Coils 1357 Pin G		
71	0.5 PU/WH	2128	IC 8 Control - Coils 2468 Pin G		
72	0.5 OG	2127	IC 7 Control - Coils 1357 Pin B		
73	0.5 OG/WH	2122	IC 2 Control - Coils 2468 Pin B		
74	0.5 L-BU/WH	2126	IC 6 Control - Coils 2468 Pin F		
75	0.5 D-GN	2125	IC 5 Control - Coils 1357 Pin C		
76	0.5 D-GN/WH	2124	IC 4 Control - Coils 2468 Pin C		
77	0.5 L-BU	2123	IC 3 Control - Coils 1357 Pin F		
78	0.5 BN	2129	Low Reference - Coils 1357 Pin E		
79	0.5 BN/WH	2130	Low Reference - Coils 2468 Pin E		
80	--	--	Not Available		

