

GTO 2004 Connector C1 BLUE				GTO 2004 Connector C1 BLUE			
Pin	Wire Color	Circuit No.	Function	Pin	Wire Color	Circuit No.	Function
1	BK/RD	450	Ground	41	--	--	Not Used
2	L-BU/WH	2867	12 Volt Reference - CKP	42	--	--	Low Speed Cooling Fan Relay Control
3	PU	1746	Fuel Injector 3 Control	43	PK/BK	877	Fuel Injector 7 Control
4	GN	1745	Fuel Injector 2 Control	44	BN/YE	844	Fuel Injector 4 Control
5	--	--	Not Used	45	PU/WH	2700	5-volt Reference - A/C PR
6	--	--	Not Used	46	GY	2709	5-volt Reference - Fuel Tank PR
7	BU/YE	596	5 Volt Reference - OIL PR	47	--	--	Not Used
8	GY	2701	5 Volt Reference - TPS	48	PU/WH	2704	5-volt Reference - MAP
9	--	--	Not Used	49	--	--	Not Used
10	--	--	Not Used	50	--	--	Not Used
11	L- BU	1876	KS 2 Signal	51	BU	496	KS 1 Signal
12	L- BU	573	CKP Sensor Signal	52	--	--	Not Used
13	--	--	Not Used	53	BK/WH	2762	Low Reference - TFT
14	--	--	Not Used	54	BK	469	Low Reference - MAP
15	--	--	Not Used	55	--	--	Not Used
16	--	--	Not Used	56	--	--	Not Used
17	YE	1225	Transmission Fluid Pressure Switch Signal B	57	OR	740	Battery Positive Voltage
18	GY	1226	Transmission Fluid Pressure Switch Signal C	58	YE	1045	Class 2 Serial Data
19	OR	300	Ignition 3 Voltage	59	--	--	Not Used
20	OR	740	Battery Positive Voltage	60	BK/YE	2752	Low Reference - TPS
21	L-BU/BK	574	Low Reference - CKP	61	RD/WH	632	Low Reference - CMP
22	--	--	Not Used	62	--	--	Not Used
23	BK	2759	Low Reference - Fuel Tank PR	63	GN	470	Low Reference - OIL PR
24	BK/RD	450	Ground	64	BK/RD	450	Ground
25	TN	1671	HO2S Low Signal Bank 2 Sensor 2	65	PU/BK	1670	HO2S High Signal Bank 2 Sensor 2
26	GY/BK	1667	HO2S Low Signal Bank 2 Sensor 1	66	GY	1666	HO2S High Signal Bank 2 Sensor 1
27	BK/RD	450	Ground	67	BK/RD	450	Ground
28	TN/WH	1669	HO2S Low Signal Bank 1 Sensor 2	68	PU/WH	1668	HO2S High Signal [Bank 1 Sensor 2
29	BU/BK	1664	HO2S Low Signal Bank 1 Sensor 1	69	PU	1665	HO2S High Signal Bank 1 Sensor 1
30	GN	68	Engine coolant level	70	--	--	Not Used
31	--	--	Not Used	71	--	--	Not Used
32	BU/WH	771	Transmission Range Switch Signal A	72	YE/RD	772	Transmission Range Switch Signal B
33	BN	86	Cruise Control Release Signal	73	BN	633	Camshaft Position Signal
34	WH	776	Transmission Range Switch Signal P	74	YE	410	ECT Sensor Signal
35	--	--	Not Used	75	--	--	Not Used
36	BU	1744	Fuel Injector 1 Control	76	GY	845	Fuel Injector 5 Control
37	YE	846	Fuel Injector 6 Control	77	L-GN	878	Fuel Injector 8 Control
38	--	--	Not Used	78	--	--	Not Used
39	--	--	Not Used	79	GN/WH or GY	898 or 587	Shift Solenoid Valve 3 High Control -- Skip/Shift Solenoid Control
40	BK/RD	450	Ground	80	GY/BK	2761	Low Reference - Coolant Temp Sensor

GTO 2004 Connector C2 GREEN				GTO 2004 Connector C2 GREEN			
Pin	Wire Color	Circuit No.	Function	Pin	Wire Color	Circuit No.	Function
1	BK/RD	450	Ground	41	--	--	Not Used
2	BN	418	TCC PWM Solenoid Valve Control	42	GY/RD	422	TCC Solenoid Valve Control
3	--	--	Not Used	43	L-GN/BK	459	A/C Clutch Relay Control
4	--	--	Not Used	44	YE	1652	Reverse Lock Out Solenoid Control
5	L-BU	260	Delivered Torque Signal	45	WH	1310	EVAP Canister Vent Solenoid Control
6	RD	1228	PC Solenoid Valve High Control Sol.A	46	BN/WH	419	MIL Control
7	--	--	Not Used	47	YE/BK	1223	2 - 3 Shift Solenoid Valve Control
8	GY/BU	1229	PC Solenoid Valve Low Control Sol.A	48	L-GN	1222	1 - 2 Shift Solenoid Valve Control
9	GN/WH	465	Fuel Pump Relay Control Primary	49	--	--	Not Used
10	BN	121	Engine Speed Signal	50	PU/WH	5197	VSS Signal
11	--	--	Not Used	51	YE/BK	1227	TFT Sensor Signal
12	GY/BK	1687	Ignition Retard Signal	52	BK/RD	450	HO2S Heater Low Control Bank 1 Sensor 2
13	--	--	Not Used	53	BK/RD	450	HO2S Heater Low Control Bank 2 Sensor 2
14	GN/BK	380	A/C Refrigerant Pressure Sensor Signal	54	PU	30	Fuel Level Sensor Signal
15	--	--	Not Used	55	--	--	Not Used
16	--	--	Not Used	56	--	--	Not Used
17	--	--	Not Used	57	GN/OR	5514	Low Reference - IAT
18	GN	59	A/C Compressor Clutch Supply Voltage	58	BN/WH	331	Oil Pressure Sensor Signal
19	--	--	Not Used	59	--	--	Not Used
20	TN	1231	VSS Low Signal	60	BN	2129	Low Reference
21	BU/WH	1230	VSS High Signal	61	PU	2130	Low Reference - COILS 2468
22	--	--	Not Used	62	GY	773	Transmission Range Switch Signal C
23	--	--	Not Used	63	BN/YE	1224	Transmission Fluid Pressure Switch Signal A
24	BU	411	TP Sensor Signal	64	D-GN	890	Fuel Tank Pressure Sensor Signal
25	BN	472	IAT Sensor Signal	65	--	--	Not Used
26	WH	2121	IC 1 Control	66	L-BU	2128	IC 8 Control
27	YE	2127	IC 7 Control	67	YE/BK	2122	IC 2 Control
28	L-GN	2126	IC 6 Control	68	GN	2125	IC 5 Control
29	WH	2124	IC 4 Control	69	BU	2123	IC 3 Control
30	--	--	Not Used	70	--	--	Not Used
31	BN/WH	492	MAF Sensor Signal	71	--	--	Not Used
32	L-GN	432	MAP Sensor Signal	72	BK/RD	450	HO2S Heater Low Control Bank 1 Sensor 1
33	BU/WH	473	High Speed Cooling Fan Relay Control	73	--	--	Not Used
34	GN/YE	428	EVAP Canister Purge Solenoid Control	74	BK/RD	450	HO2S Heater Low Control Bank 2 Sensor 1
35	--	--	Not Used	75	--	--	Not Used
36	--	--	Not Used	76	L-GN/WH	1749	IAC Coil B High Control
37	--	--	Not Used	77	L-GN/BK	444	IAC Coil B Low Control
38	--	--	Not Used	78	L-BU/BK	1748	IAC Coil A Low Control
39	WH/BK	631	12 Volt Reference - CMP	79	L-BU	1747	IAC Coil A High Control
40	BK/RD	450	PCM Ground	80	--	--	Not Used