

Definition of Connector Signals and Wiring Colors for EzFC® Engine Management System

Main Connector I – White 14-Pin

No.	Color	Signal Descriptions	No.	Color	Signal Descriptions
1	W/R	ENGT (Engine Temperature) Sensor	8	O/W	Oxygen Sensor
2	W/L	IAT (Inlet Air Temperature) Sensor	9	W/G	MAP (Manifold Absolute Pressure)
3	W	TPS (Throttle Position Sensor)	10	O	CPS (Crankshaft Position Sensor)
4	B	Battery / Frame Ground	11	R	+12V After Main Switch / Key
5	Lg	2 nd Digital Output / RPM Gauge	12	Y	1 st Fuel Injector Driver
6	V	3 rd Digital Output / Fuel Pump Driver	13	G	Inductive Ignition Driver
7	B	Battery / Frame Ground	14	Y/B	1 st Digital Output / 2 nd Fuel Injector Driver

Main Connector II – Black 8-Pin

No.	Color	Signal Descriptions	No.	Color	Signal Descriptions
1	P	+5V Sensor Power	5	P/B	Sensor Ground
2	R/L	+12V Battery Power	6	Sb	Tilt Sensor
3	Gr/V	Idle-Air Stepping Motor B+	7	Gr/W	Idle-Air Stepping Motor B-
4	Gr	Idle-Air Stepping Motor A+	8	Gr/O	Idle-Air Stepping Motor A-

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Auxiliary Connector I – Blue 2-Pin

No.	Color	Signal Descriptions	No.	Color	Signal Descriptions
1	O/B	1 st Analog Sensor Input / EZECU® Dedicated BARO Sensor Input	2	P/B	Sensor Ground

Auxiliary Connector II – White 2-Pin

No.	Color	Signal Descriptions	No.	Color	Signal Descriptions
1	W/Y	2 nd Analog Sensor Input / EZECU® Dedicated Knock Sensor Input	2	P/B	Sensor Ground

Auxiliary Connector III – Black 2-Pin

No.	Color	Signal Descriptions	No.	Color	Signal Descriptions
1	B/Y	1 st External Switch Input	2	B/P	2 nd External Switch Input

Color Codes

B	Br	R	O	Y	G	L	V	Gr	W	P	Lg	Sb
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Gray	White	Pink	Light green	Sky blue