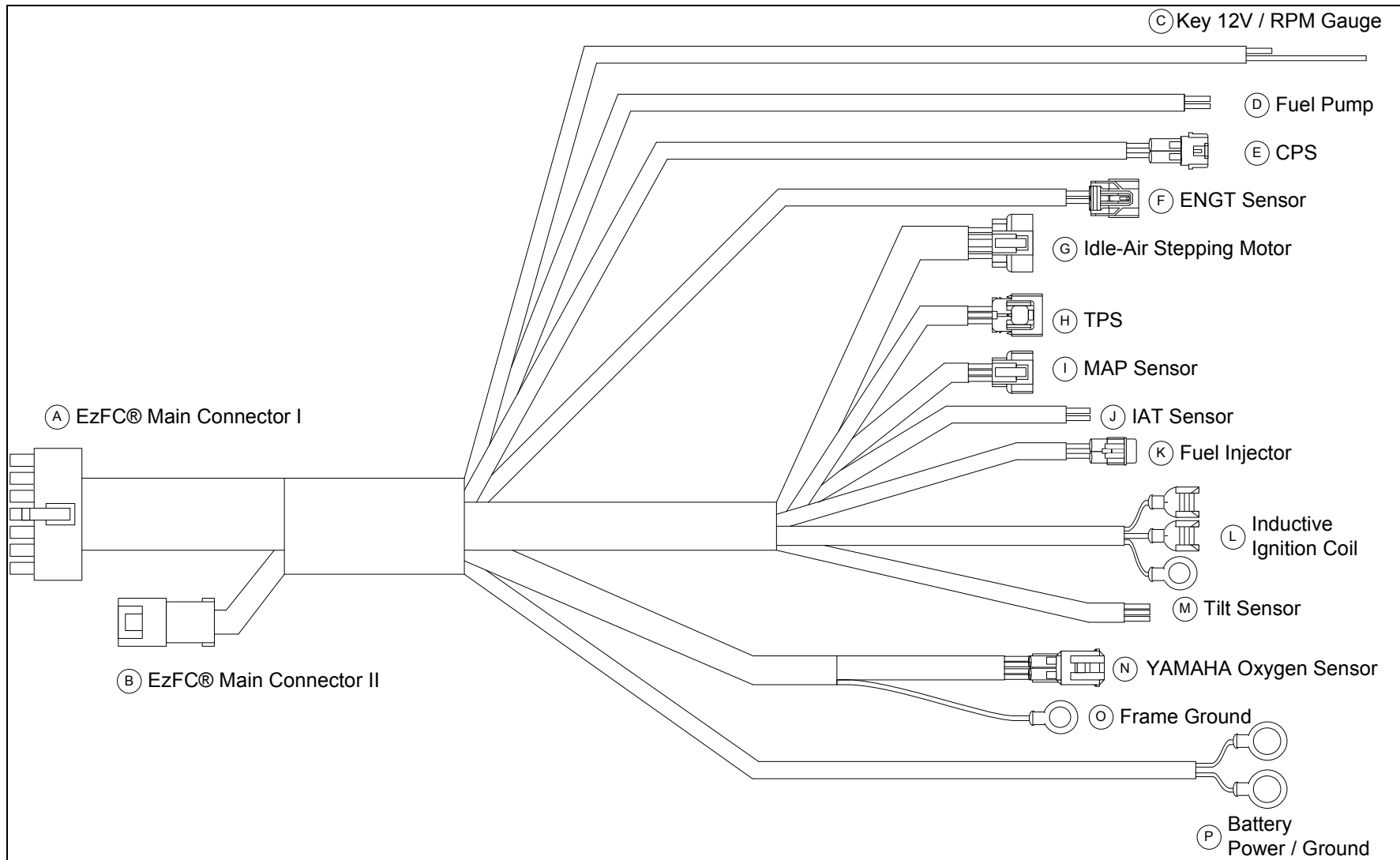


## Wiring Diagram of EzFC® Engine Management System for YAMAHA with KEIHIN Throttle Body



## Signal Definition of EzFC® Engine Management System for YAMAHA with KEIHIN Throttle Body

Tube No.	Color	Signal Descriptions	Tube No.	Color	Signal Descriptions
C	Lg	2 <sup>nd</sup> Digital Output / RPM Gauge	J	W/L	IAT (Inlet Air Temperature) Sensor
	R	+12V After Main Switch / Key		P/B	Sensor Ground
D	V	3 <sup>rd</sup> Digital Output / Fuel Pump Driver	K	Y	1 <sup>st</sup> Fuel Injector Driver
	R	+12V After Main Switch / Key		R	+12V After Main Switch / Key
E	O	CPS (Crankshaft Position Sensor)	L	G	Inductive Ignition Driver
	P/B	Sensor Ground		R	+12V After Main Switch / Key
F	W/R	ENGTT (Engine Temperature) Sensor		B	Battery / Frame Ground
	P/B	Sensor Ground	Sb	Tilt Sensor	
G	Gr	Idle-Air Stepping Motor A+	M	P	+5V Sensor Power
	Gr/O	Idle-Air Stepping Motor A-		P/B	Sensor Ground
	Gr/V	Idle-Air Stepping Motor B+	N	O/W	Oxygen Sensor
	Gr/W	Idle-Air Stepping Motor B-		P/B	Sensor Ground
H	W	TPS (Throttle Position Sensor)	V	Oxygen Sensor Heater Driver	
	P	+5V Sensor Power	R	+12V After Main Switch / Key	
	P/B	Sensor Ground	O	Battery / Frame Ground	
I	W/G	MAP (Manifold Absolute Pressure)	P	R/L	+12V Battery Power
	P	+5V Sensor Power		B	Battery Ground
	P/B	Sensor Ground			

### 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