



Note: ECU connection 6 (black wire) must have a 100 ohm resistor fitted otherwise the engine will NOT spark.
 Its located in a group of black wires, trace the wire from the ECU connector

Pin No.	Wire Colour	Input/Output/Earth	Function
1	No Connection		
2	No Connection		
3	No Connection		
4	White/Blue	Output	Ignition coil trigger pulse/Rev counter pulse
5	Orange/White	Input	+12 volt switched from ignition circuit
6	Black	Earth	Ignition circuit earth
7	Black	Earth	Control circuit earth
8	Green/Blue	Output	Carb solenoid - emission control (TPVLC)
9	Green/Red	Input	Gear position input (1)
10	Red/Black	Input	Gear position input (2)
11	Black	Earth	Throttle position sensor earth
12	Blue	Input	Throttle position sensor return voltage
13	Red	Output	Throttle position sensor supply voltage
14	No Connection		Rev counter output on Suzuki Freewind
15	Blue	Input	Pickup coil
16	Black	Input	Power source coil
17	Green	Input	Pickup coil
18	White	Input	Power source coil

● multiple wire connection points

