



Wiring for Yamaha R Series MiniSprint Engines

There is NO power from the YAMAHA R6 or R1 ECU tach signal wire.

So, to get the tach signal to your VTAC tachometer, you must connect a power source , to the wire, along WITH a 2.2 K Ohm resistor.

Directions:

- 1) VTAC Black wire - connects to ground- on cylinder head.
 - 2) VTAC White (signal input wire) connects to the tachometer signal wire coming from the Yamaha ECU - yellow with black tracer wire.
- (NOTE:there are TWO of these wires (yellow with black tracer) coming from ECU, so when doing the install, you must first identify which of the two is the tach signal)
- Since there is NO power through the Yamaha R1or R6 ECU Tach pulse signal wire, you must connect a power source to the wire to get a signal to the VTAC Tachometer
- 3) Run a wire to the 12 Volt Power Toggle Switch
 - 4) Make and connect a 2.2 K Ohm resistor to WIRE FROM POWER.
 - 5) Connect ends of all 3 wires together (ECU tach pulse wire, 12 Volt Power wire WITH 2.2 K Ohm resistor attached, and VTAC white signal input wire)
 - 6) Signal to VTAC will come through ECU tach wire when 12 volt toggle switch is ON

Wiring Tips courtesy of Rick Hensch(www.henchcrafttracing.com.) / Henschcraft Racing MiniSprint Expert . Thanks Rick!