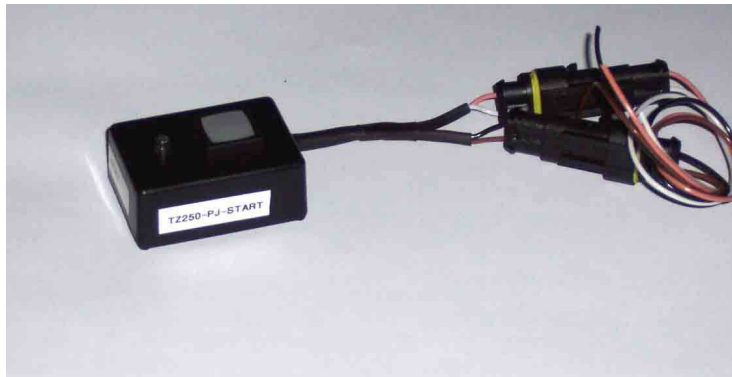




## **TZ250 – Start line Power Jet Override**



It is common with some set-ups that on the start line the TZ250 gets overloaded with fuel and this can account for some poor starts. The unit has been developed from an idea of Gary May's.

The controller is a small unit that has a button, once pressed it shuts off the power jets and illuminates a bright green indicator. On starting the unit detects the start G-force and after a preset number of seconds (as set by a small rotary switch inside the unit) reverts to the normal ignition power-jet control.

### **Operation**

1. At the start line - Press the button - green indicator on – power jets disabled
2. Launch – Power jet remain disabled, G-force detected and timeout started
3. After time out - the unit reverts to normal power jet control

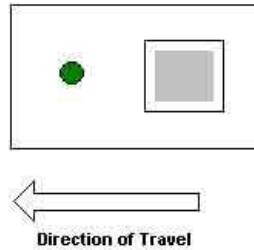
If the unit needs to be disabled press the button again and the indicator will go out stopping the power jet override

Setting 0 - disables the operation,  
(When the button is pressed will the power jets close)  
Settings 1 to F - operates the time out from 1 to 15 seconds  
1-9 = 1 to 9 seconds, A=10, B=11, C=12, D=13, E=14, F=15

## **Installation Procedure**

### **1. Mount the unit**

Mount the unit on the left hand side of bike, with the indicator forwards of the switch  
The 'front' Label should be at the front and the 'top' label at the top

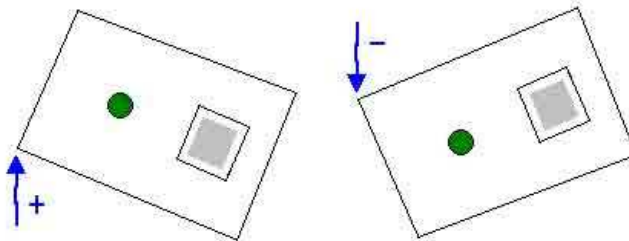


### **2. Connect the unit**

Brown	+ve supply
Black	Chassis ( 0v Supply )
White	Power Jet White wire
Pink	Power Jet Pink wire

### **Adjustment**

To increase the sensitivity to launch G-force, twist the position of the unit to lift the front of the unit. To reduce the sensitivity twist the position of the unit drop the front of the unit



Angle Limits:

Above 45 degrees lift; the unit will detect gravity g-force constantly and will trigger the time-out before the start launch

Below 45 degrees drop; the unit will not detect forward g-force and will not operate or trigger the timeout

### **April Systems Design Limited Disclaimer**

All parts supplied by April Systems Design Limited are not for highway use. All parts supplied by April Systems Design Limited are not guaranteed when used in competition events. As such, it is a condition of our making all parts available that it is solely the decision of each individual, rider, team member or team whether they choose to use any part supplied and in doing so, absolve the manufacturer and April Systems Design Limited of any or all such, including damage to equipment and/or injury to personnel irrespective of how caused.

All parts remain property of April Systems Design Limited until paid for in full.

All 'special order' parts, that are ordered specially under the instruction of the customer, are non returnable and non refundable

[www.aprilsystems.net](http://www.aprilsystems.net)

Director: Michael Sharpe, Beng Msc Msc AMIEE

April Systems Design Ltd is a registered company in England and Wales

Company Number 4747642