

## FITTING INSTRUCTIONS FOR PMDTFI ROYAL ALLOY GP/TG 350

THANK YOU FOR PURCHASING THIS TFI MODULE FOR THE ROYAL ALLOY GP/TG 350, THE END PRODUCT OF MANY MONTHS DYNO RESEARCH AND DEVELOPMENT. PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE FITTING.

**Please note this unit is pre-programmed and is plug and play ready dyno optimised for our PM range of power pipes.**



**A**

Before fitting commences disconnect the battery failure to do so will not allow the ECU to dump existing memory parameters. Unscrew one of the bolts holding the HT Coil in place, clean the surrounding area with sand paper and fit the earth lead from the TFI unit.



**B**

Disconnect the original fuel injection connection lead from the top of the fuel injector and replace with the female end lead connector from the new TFI unit. Connect the female end connector from the original wiring onto the male lead from the TFI connector, You should here a click when the connectors has been inserted correctly.



**C**

Zip tie the TFI leads out of the way by following and zip tying to the original wiring harness, please ensure that no wires are in contact with the engine to prevent heat damage from the engine.



**D**

Using a suitable de- greaser such as electrical contact cleaner clean The battery box shown prior to placing the TFI unit in place, use the Double sided Velcro adhesive pads supplied to secure TFI.

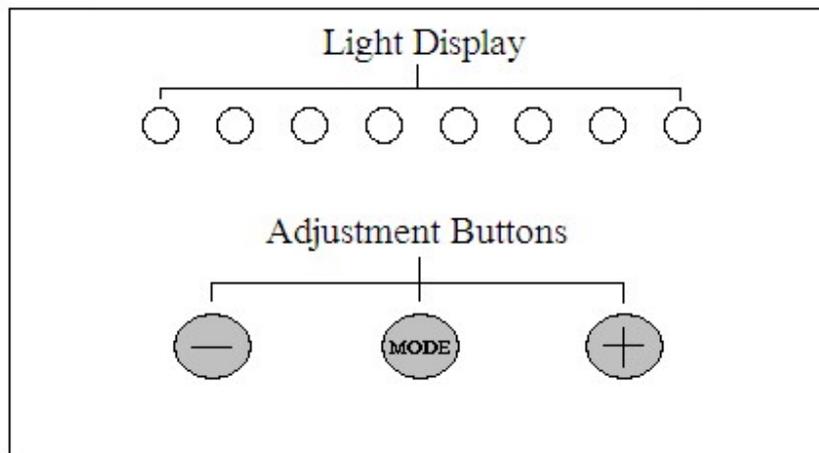


**E**

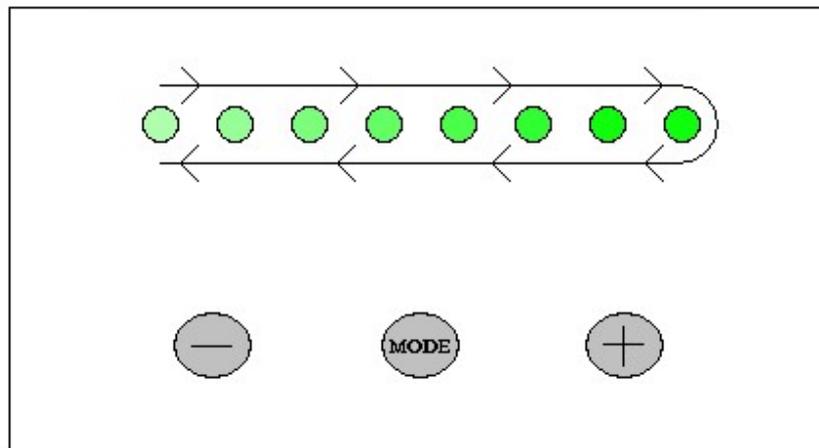
Finally check all the leads are connected correctly and are out of the way so they can't get pulled or caught on the bodywork or the engine. Re connect battery, start engine and allow to idle for 10 minutes before riding this will allow the ECU to re-adjust to its new Parameters.

# PMDTFI Instructions

## General Layout

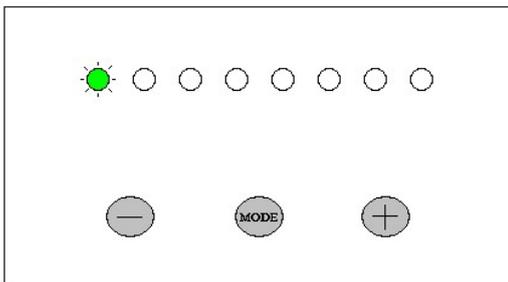


## Start-Up Light Sequence

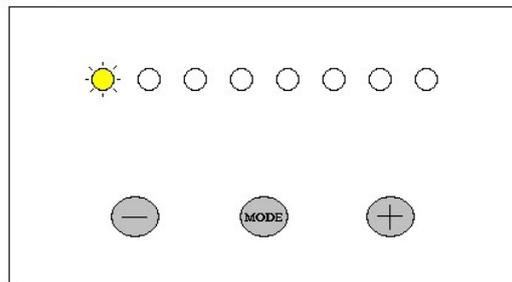


## Adjustment Modes

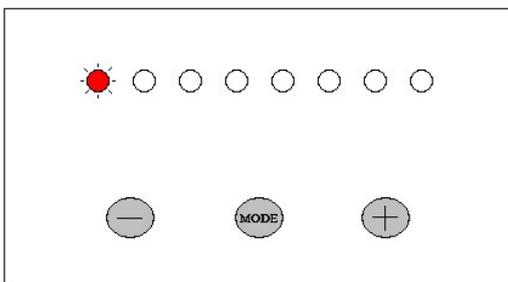
Mode 1 – Green



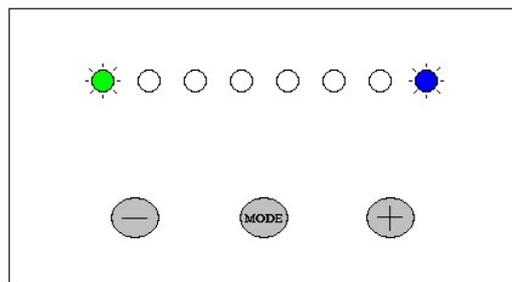
Mode 2 – Yellow



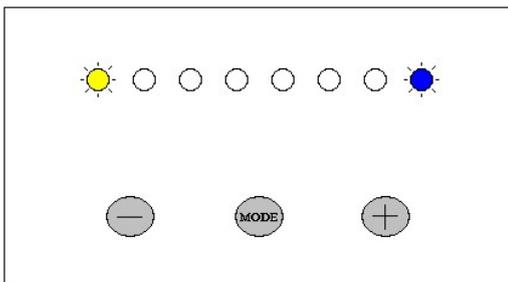
Mode 3 – Red



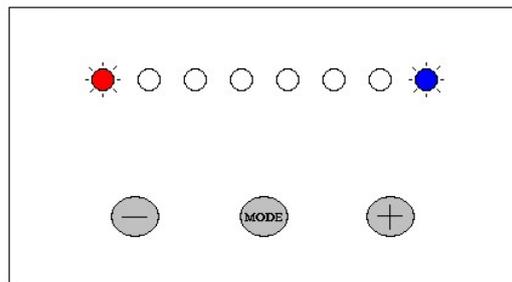
Mode 4 – Green / Blue



Mode 5 – Yellow / Blue

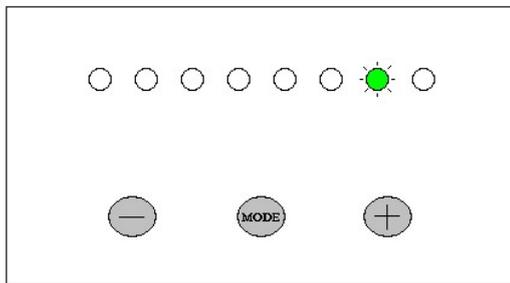


Mode 6 – Red / Blue

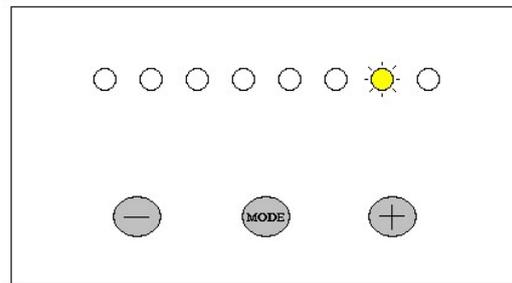


## Base Settings for Royal Alloy GP/TG 350

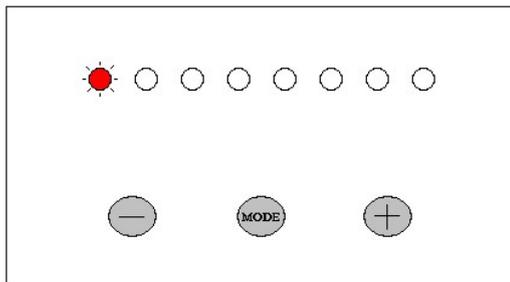
Mode 1 - 1



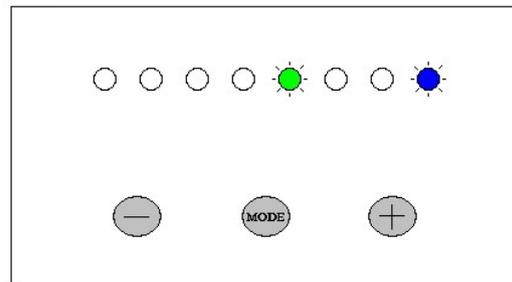
Mode 2 - 3



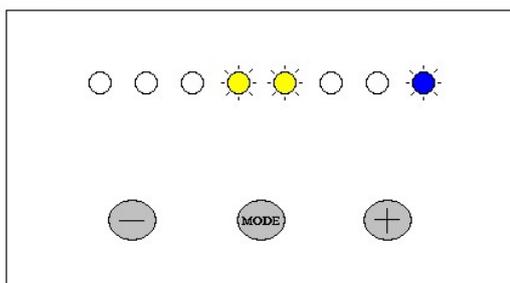
Mode 3 - 3



Mode 4 - 1.5



Mode 5 - 4



Mode 6 - 6

