1) Remove the PIC

2) Use the multimeter in ohm position to check if no short between TP2 and GND



If shorted, replace D2 and D7

3) Power on the unit. Check the +12v and +5v lines. Power down the unit.





Power on the unit. Check if around 300Vdc between GND and TP2 If no HV: repair/replace DC Converter Remove the connection between pin2 and GND

4) Insert the PIC, power on the unit.Is the led flashing 2 or 4 times?Turn off the unit.

5) Connect a sparkplug connected to gnd. Close JP1 jumper to select "*Autospark*" mode. Turn on the unit. Voltage at TP2 should be around 200V. (*On a True-RMS multimeter*) Are there any spark? Turn off the unit. 6) Remove JP1. Turn on the unit. With a wire connected to +5v make a series of very fast touches on TP1 to "*simulate*" a pickup signal.Is the LED blinking?

7) Remove the PIC, connect Test Point TP2 to pin 18. Turn on the unit.

Is D4 led blinking when pickup signal comes in?

Do this test in the darkness to see small led lighting. OFC if you get a scope, it's an easy task!

