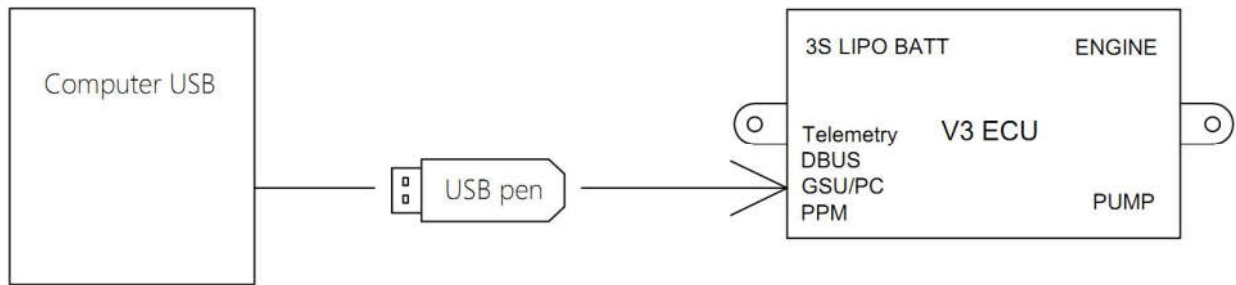
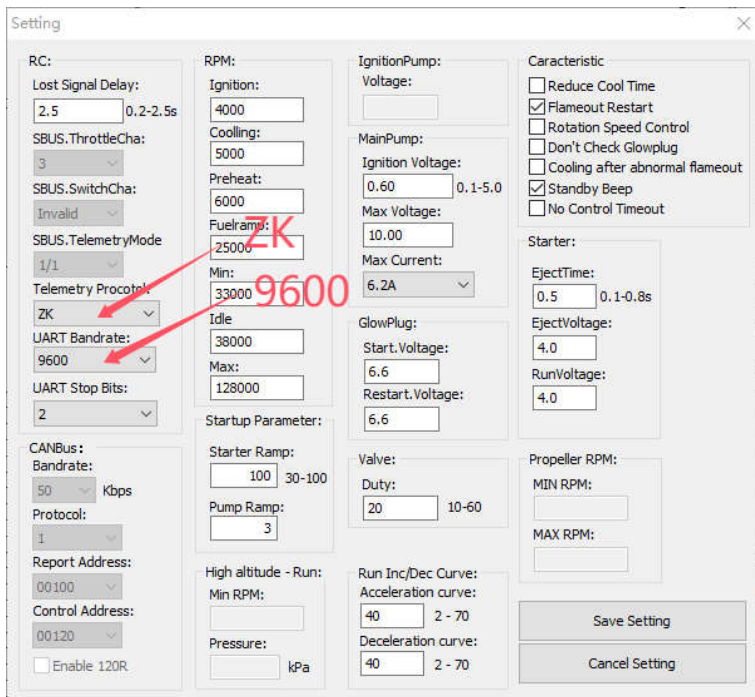


“ECUctrl ZK” program with V3 ECU

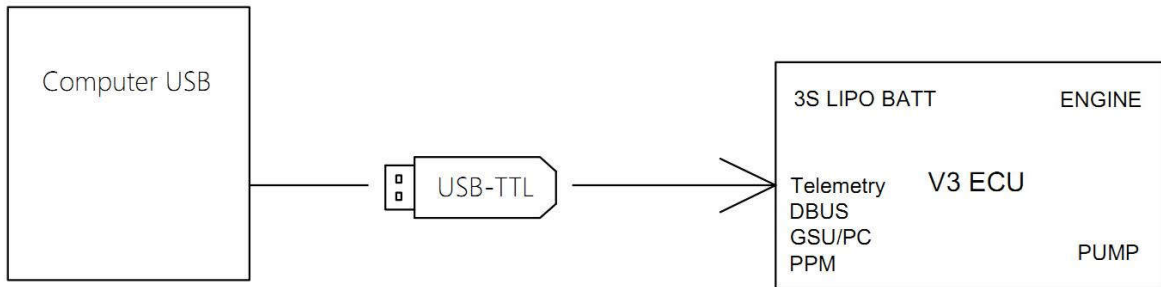
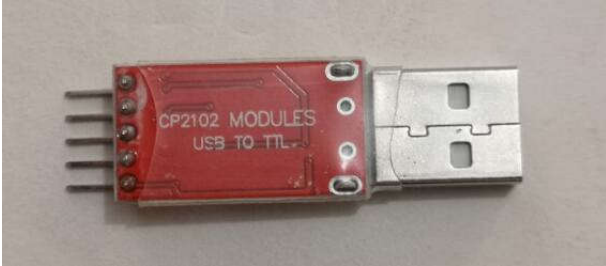
1. Use USB upgrade pen connect V3 ECU GSU/PC port to computer.



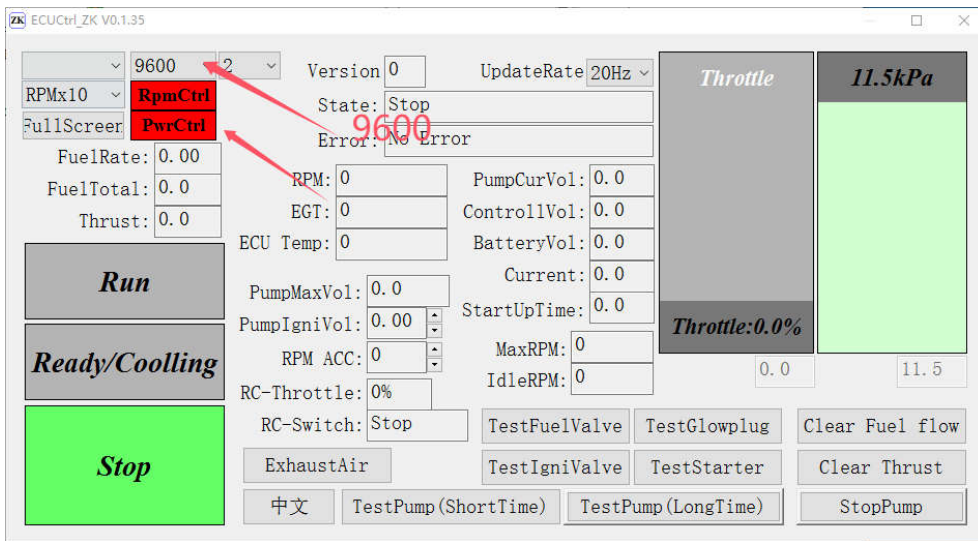
2. Open “ECU tool” program to change parameter of V3 ECU:



3. Connect USB-TTL converter to V3 ECU telemetry port

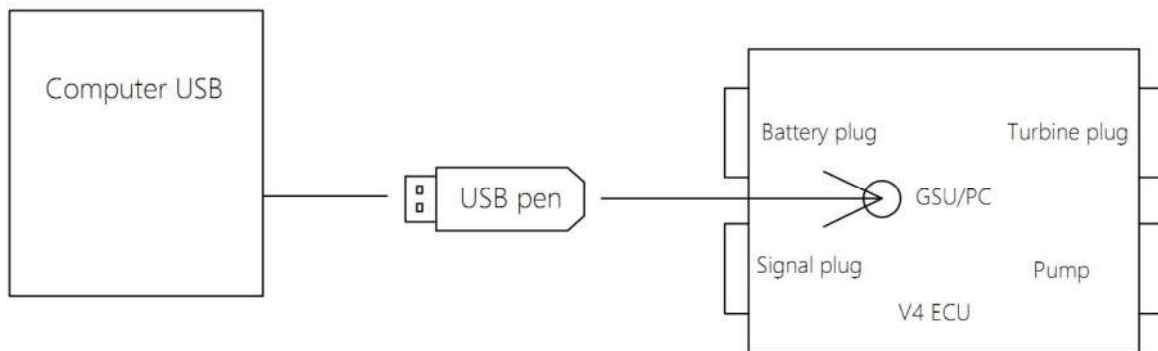


4. Open "ECUctrl_ZK" program
Set Baud rate:9600 ,use" PwrCtrl"

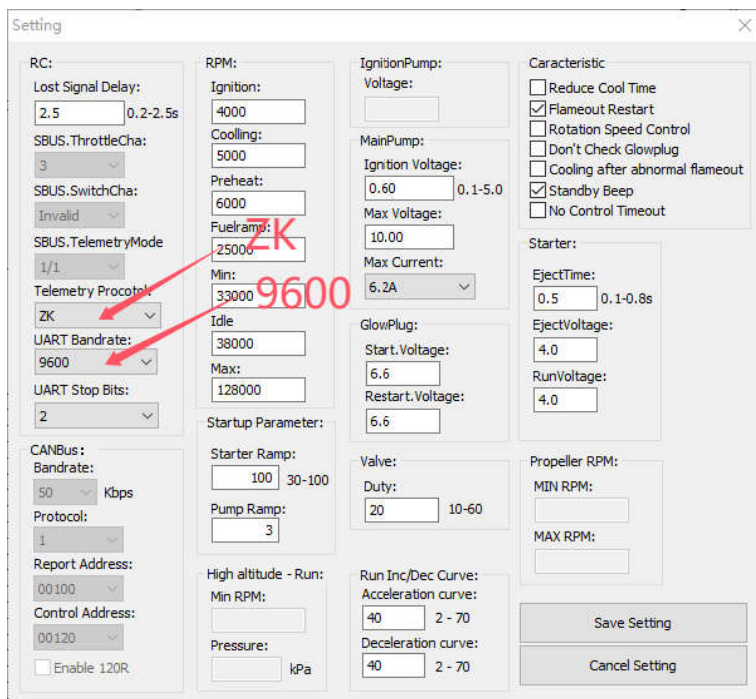


“ECUctrl ZK” program with V4 ECU

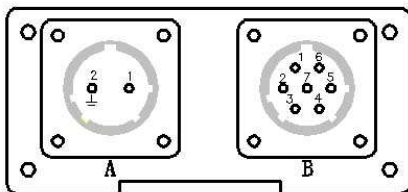
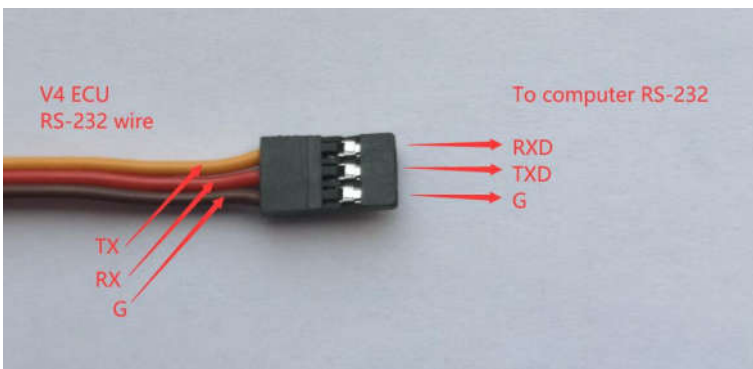
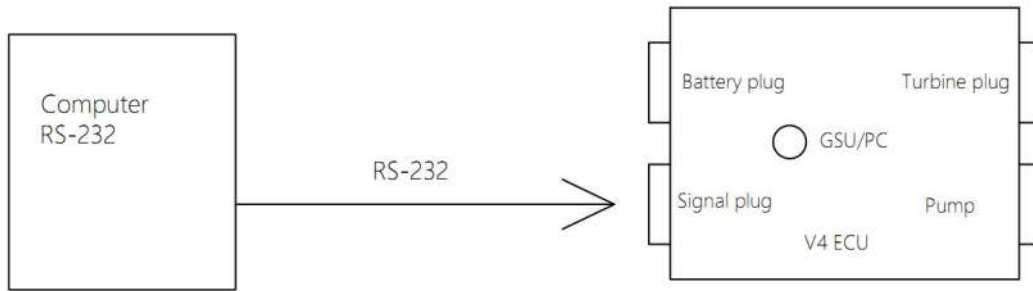
1. Use USB upgrade pen connect V4 ECU GSU/PC port to computer



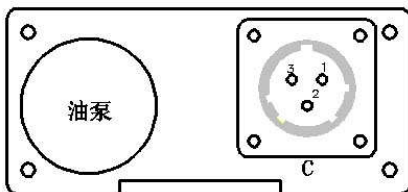
2. Open “ECU tool” program to change parameter of V4 ECU:



3. Connect V4 ECU via RS-232 to computer and open "ECUctrl_ZK" program:



- | | |
|---------------------|----------------------------|
| A : ECU power | B : ECU data |
| 1 : (+)11.5-17V 10A | 1 : Switch PWM |
| 2 : (-) GND | 2 : Throttle Switch (+) 6V |
| | 3 : RS232 TX |
| | 4 : RS232 GND |
| | 5 : RS232 RX |
| | 6 : Throttle PWM |
| | 7 : Throttle Switch (-) |



- C : ECU to Turbine
- 1 : (-)
 - 2 : (+)
 - 3 : Data

Set Baud rate:9600,use" pwrCtrl"

ECU Ctrl_ZK V0.1.35

9600 2 Version 0 UpdateRate 20Hz

RPMx10 RpmCtrl State: Stop

FullScreen PwrCtrl Error: No Error

FuelRate: 0.00 RPM: 0 PumpCurVol: 0.0

FuelTotal: 0.0 EGT: 0 ControllVol: 0.0

Thrust: 0.0 ECU Temp: 0 BatteryVol: 0.0

Run PumpMaxVol: 0.0 Current: 0.0

Ready/Cooling PumpIgniVol: 0.00 StartUpTime: 0.0

Stop RPM ACC: 0 MaxRPM: 0

RC-Throttle: 0% IdleRPM: 0

RC-Switch: Stop TestFuelValve TestGlowplug Clear Fuel flow

ExhaustAir TestIgniValve TestStarter Clear Thrust

中文 TestPump (ShortTime) TestPump (LongTime) StopPump

Throttle 11.5kPa

Throttle: 0.0% 0.0 11.5