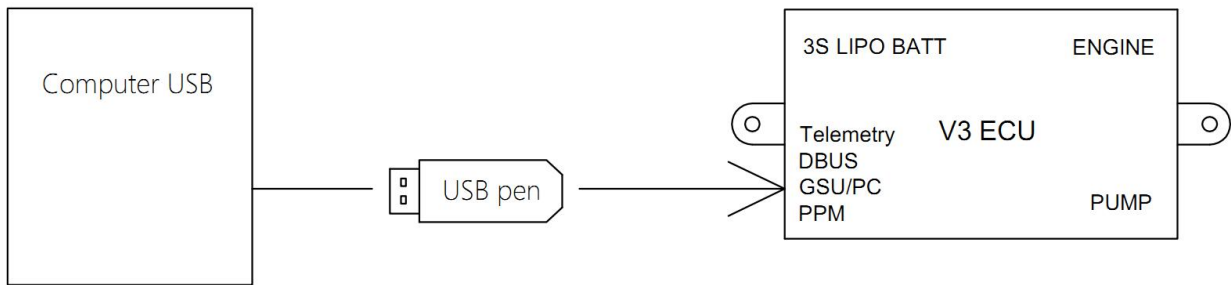
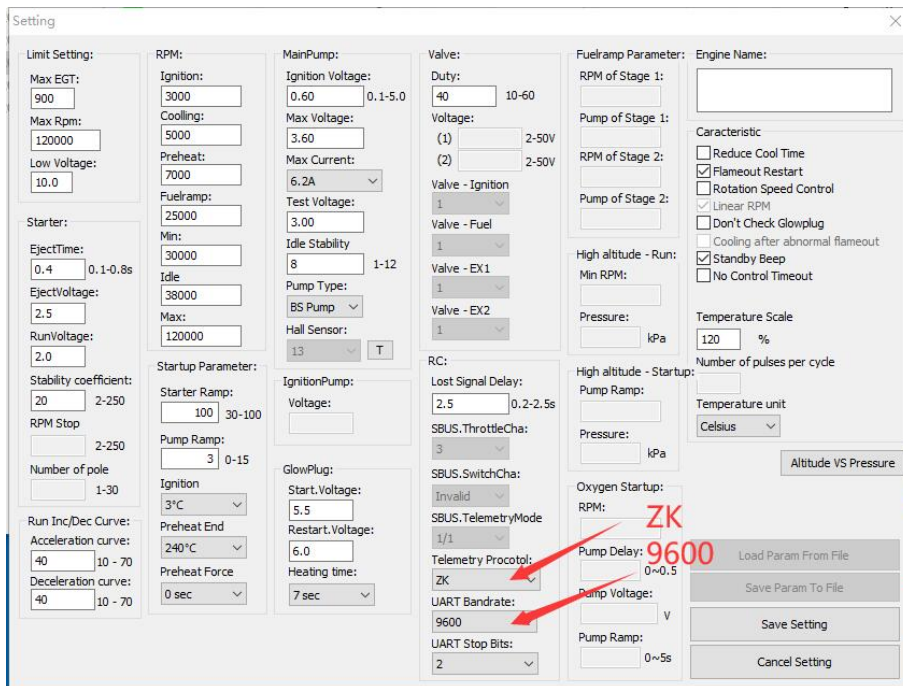


“ECUctrl ZK” program with V3 ECU

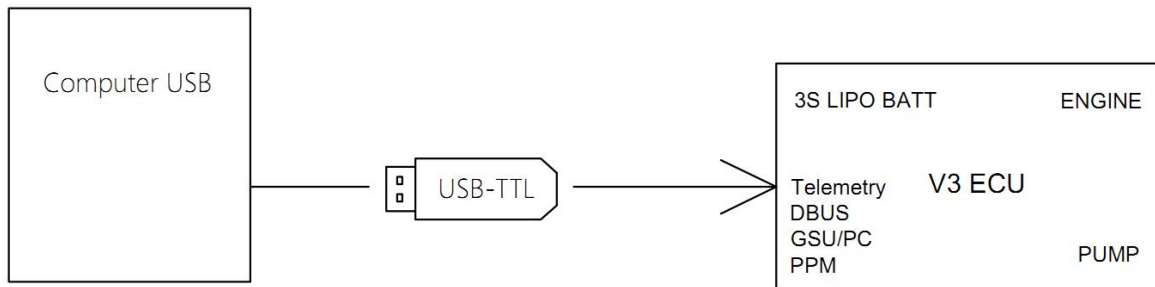
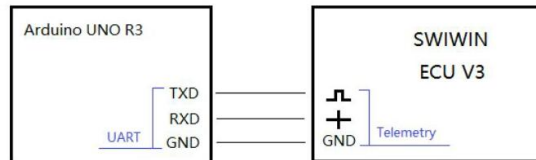
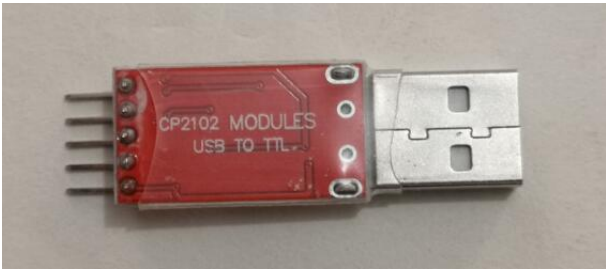
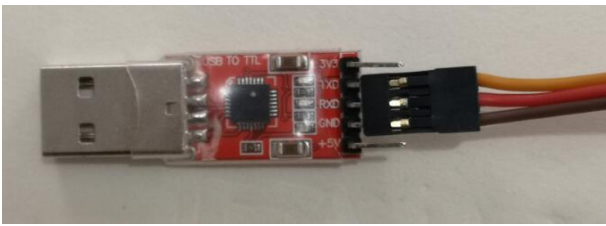
1. Use USB upgrade pen connect V3ECU GSU/PC port to computer.



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

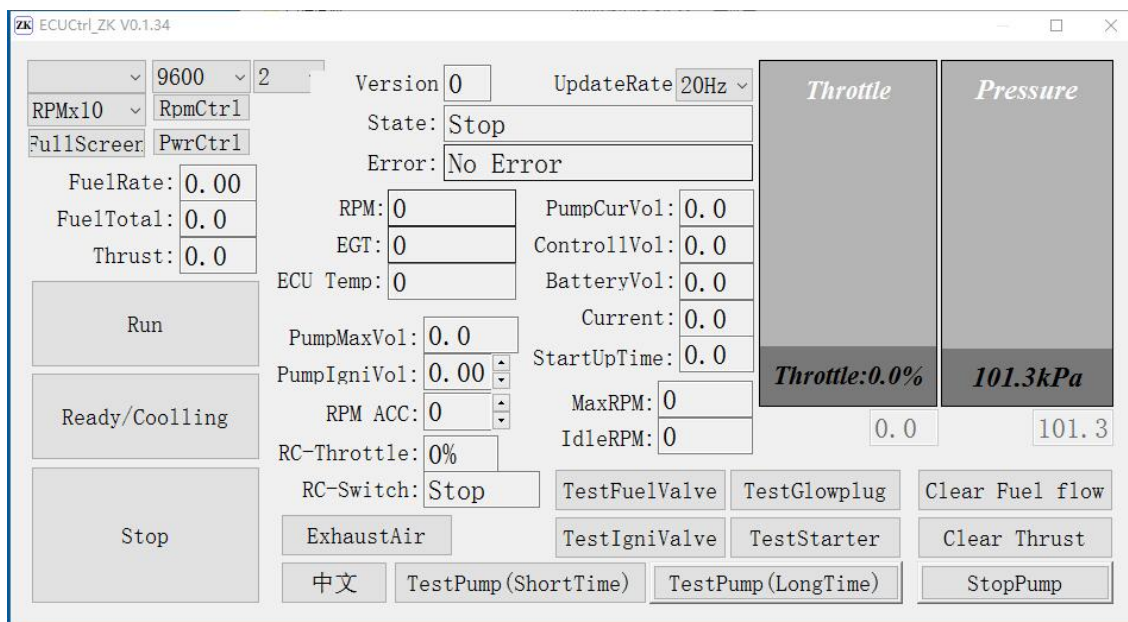


3. Connect USB-TTL converter to V3 ECU telemetry port



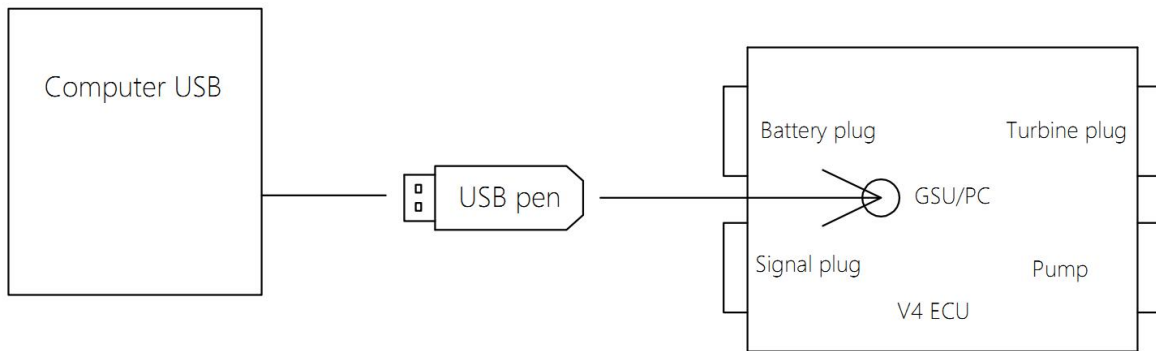
4. Open "ECUctrl_ZK" program

Set Baud rate:9600

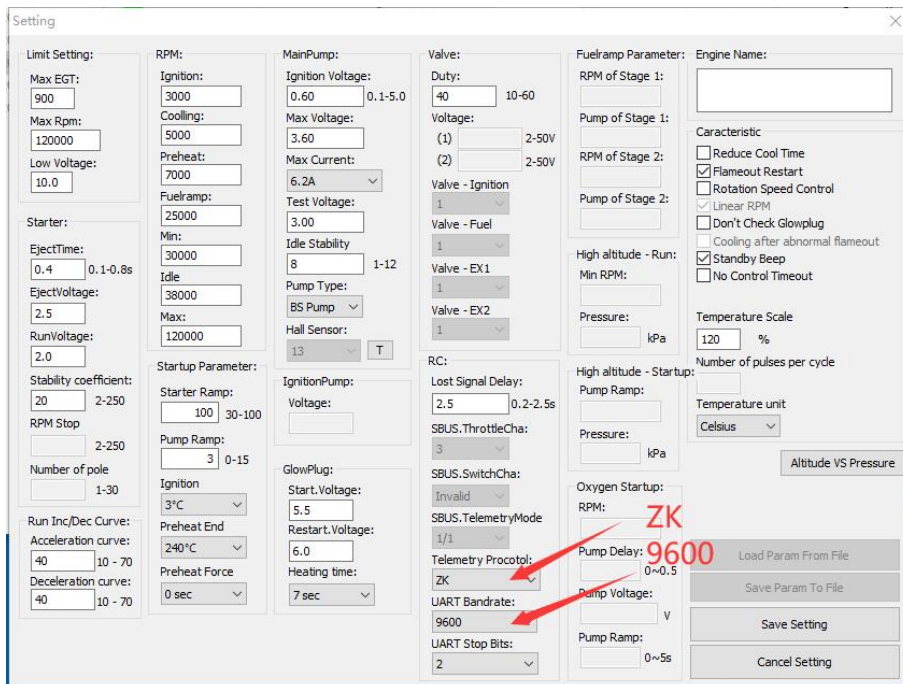


“ECUctrl ZK” program with V4 ECU

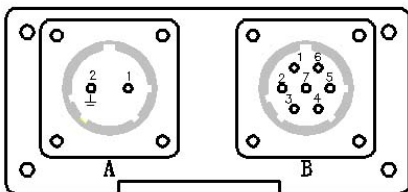
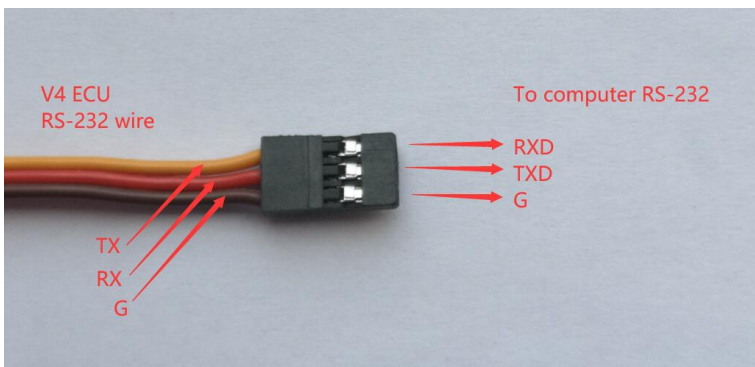
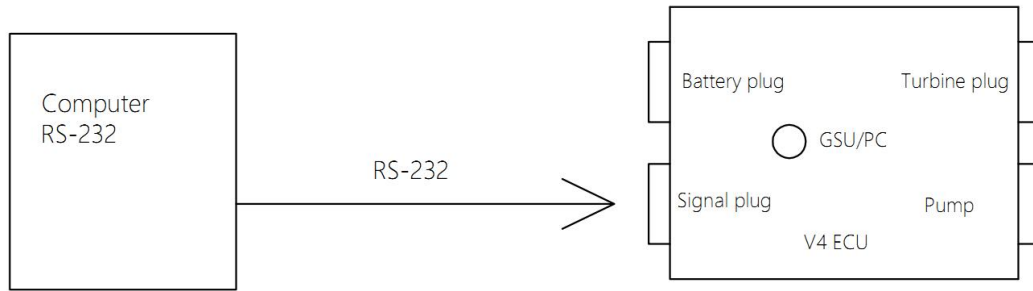
1. Use USB upgrade pen connect V4 ECU GSU/PC port to computer



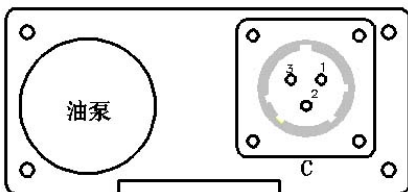
2. Open “ECU tool” program to change parameter of V4 ECU:



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



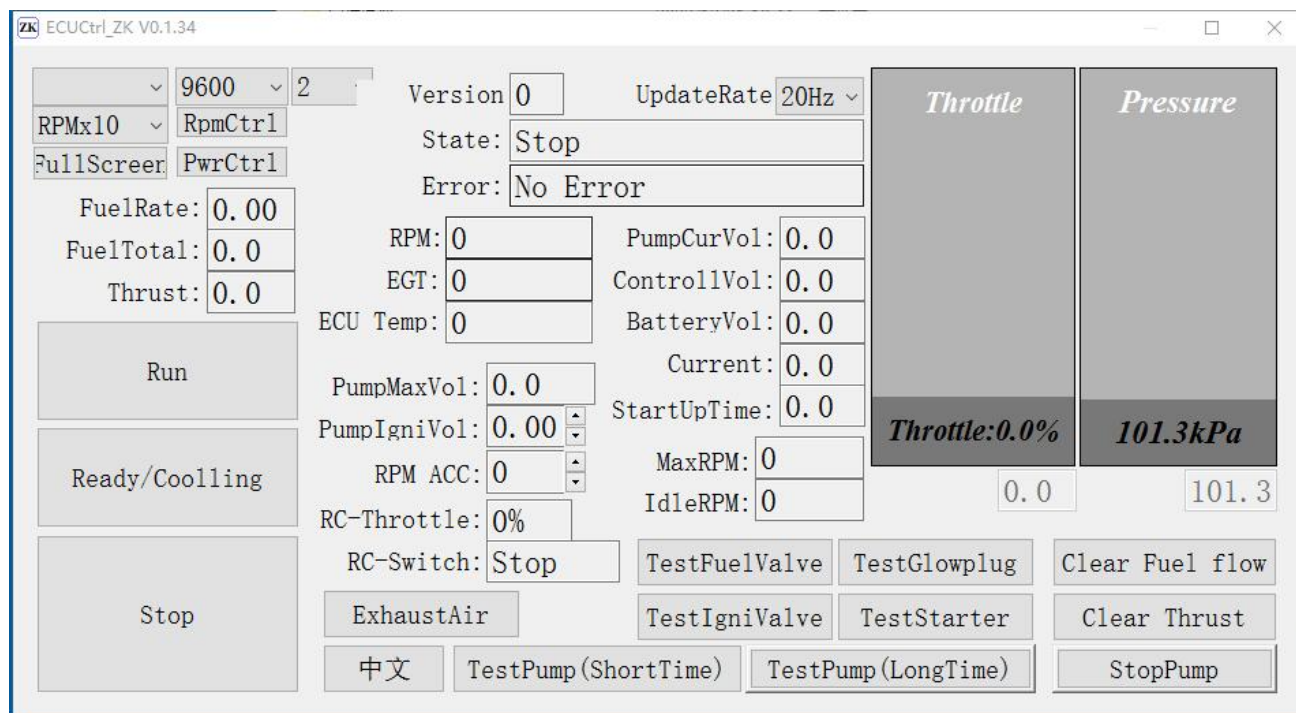
- | | |
|-----------------------|------------------------------|
| A : ECU power | B : ECU data |
| 1 : (+)11.5-17V 10A | 1 : Switch PWM |
| 2 : (-) GND | 2 : Throttle Switch (+) 6V |
| | 3 : RS232 TX |
| | 4 : RS232 GND |
| | 5 : RS232 RX |
| | 6 : Throttle PWM |
| | 7 : Throttle Switch (-) |



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

4. Open "ECUctrl_ZK" program

Set Baud rate:9600



Reference video:

https://youtu.be/fzBwkJlm_Ls

<https://youtu.be/8ODPzKxBIP8>