

ENGINE CONTROL UNIT OUTPUT VOLTAGE INSPECTION

(Throttle sensor, RC valve servo motor potentro meter)

Turn main switch OFF, remove seat cowl & fule fuel tank (4.2). Remove throttle sensor 3P coupler. Remove servo motor 4P coupler and connector

Turn main switch ON and kill switch to RUN Remove throttle sensor 3P coupler & measure voltage on coupler harness side Y/R and Bu/G terminals. Remove servo motor 4P coupler and measure voltage of coupler harness side Y/R and BU/G terminals

Recommended method

Throttle sensor = (+) Y/R - Bu/G (-)

Servo motor + (+) Y/R - Bu/G (-)

Recommended voltage = 4-5V

ENGINE CONTROL UNIT TERMINALS

Refer to wiring map (22.9,10) and below illustration and inspect for correct placements

4P WIRE HARNESS COLOUR

- 1] Ign coil (-) G/W
- 2] NO.1 pulse generator (-) Y
- 3] No.2 pulse generator (-) Bu
- 4] Earth G

- 16P
- 5] Frt Ign. coil (+) Bl/Y
- 6] Oil pump solenoid P
- 7] RC servo motor (+) W
- 8] No.2 Carb solenoid P/Bu
- 9] Earth O/Bu
- 10] No.2 pulse generator (+) W/Bu
- 11] Potentro meter (+) Y/R
- 12] Throttle sensor Y/Bu
- 13] Rr Ign coil (+) Bl/Bu
- 14] Battery power source (+) Bl/W
- 15] RC Servo motor (-) W/R
- 16] No.1 Carb solenoid P/W
- 17] Potentro meter (-) Bu/G
- 18] No.1 pulse generator (-) W/Y
- 19] Tachometer Y/G
- 20] RC valve sensor Lg

