If measured value at unit coupler is abnormal, remove pulse generator 6P coupler connection
Connect adaptor, and in the same way, measure both pulse generators peak voltage, and compare with peak voltage value measured at unit coupler

Recommended method
No.1 (+) W/Y - Y (-)
No.2 (+) W/Bu - Bu (-)
Peak voltage above 2 V

If the value at the unit is abnormal, but the voltage at the pulse generator is normal, either the coupler connection is faulty or the wire harnes is misrouted
If both are abnormal, then pulse generator abnormality is possible. Refer (22.20)

THROTTLE SENSOR INSPECTION

Turn main switch OFF
Remove seat cowl
Remove engine control unit 16P & 4P coupler inspect the following at the harness sides coupler
Measure 16P coupler Bu/G and Y/R resistance

Std Resistance (20°C): 4-6 K ohm

Measure resistance between Y/Bu & Bu/G wher throttle is fully closed to fully open and if each resistance value is exceeded then it is normal

Std resistance (20°C) Fully closed
0-1.5 K ohm (throttle stop screw loosened safely)
Fully open : 4-6 K ohm

When value becomes large, remove throttle sensor 3P coupler connection and perform the above inspection at both sides of the sensor couplers terminals.
If measured value is inside standard resistance value, then correct wire harness or replace it.
If the measured value is larger than the standard value then replace throttle sensor & sensor stay assy, joint, throtle shaft & throttle link arm as a set

ENGINE CONTROL UNIT
Engine Control Unit Input Voltage Inspecion

Turn main switch OFF
Remove seat cowl
Remove 16P & 4P

ENGINE CONTROL UNIT
Engine control unit input voltage inspection

Turn main switch Off. remove seal cowl
Remove 16P and 4P couplers from engine control unit
Turn main switch ON and kill switch on RUN.
Inspect for voltage in 16P coupler harness coupler, Bl/W terminals. If voltage then okay

Recommended method:

(+) 16P coupler Bl/W - body earth (-)

Recommended voltage : Battery voltage

If not holding battery voltage, inspect main switch, kill switch, fuses and wire harness