

Problem: no spark

Check procedures:

1. check hand brake switch
 - a) hold brake and test resist between 2 wires {0}
yes [] go to 2
no [] connect 2 wires directly if Bike starts
yes [] change handle brake switch
no [] go to b)
 - b) test black wire on handle bar and black wire on the tail brake light resist {0}
yes [] go to c)
no [] replace the black wire with a new one from handle to tail.
 - c) test green wire on handle bar and green wire on the tail brake light resist {0}
yes [] go to 2
no [] replace the green wire with a new one from handle to tail.
2. test resist from Magneto
 - a) blue/white & green {100 Ω ~110 Ω }
yes [] go to b)
no [] change magneto
 - b) black/red & green {390 Ω ~410 Ω }
yes [] go to 3
no [] change magneto
3. test resist of wires input to CDI
 - a) black/white & green {infinite}
yes [] go to 5
no [] go to 4
4. check the tail safety switch
 - a) black/white & green {infinite}
yes [] go to 5
no [] change safety switch or disconnect switch
5. check handle bar kill switch
 - a) unplug the 3 connection wire
 - b) black/white & green resist {infinite}
yes [] change kill switch
no [] go to 6
6. change CDI
 - a) No spark
yes [] go to 7
no [] problem solved
7. change spark plug coil
 - a) No spark
yes [] go to 8
no [] problem solved
8. change voltage regulator
 - a) No spark
yes [] go to 9
no [] problem solved
9. change relay
 - a) No spark
yes [] go to 10
no [] problem solved
10. bring your bike to auto electrician