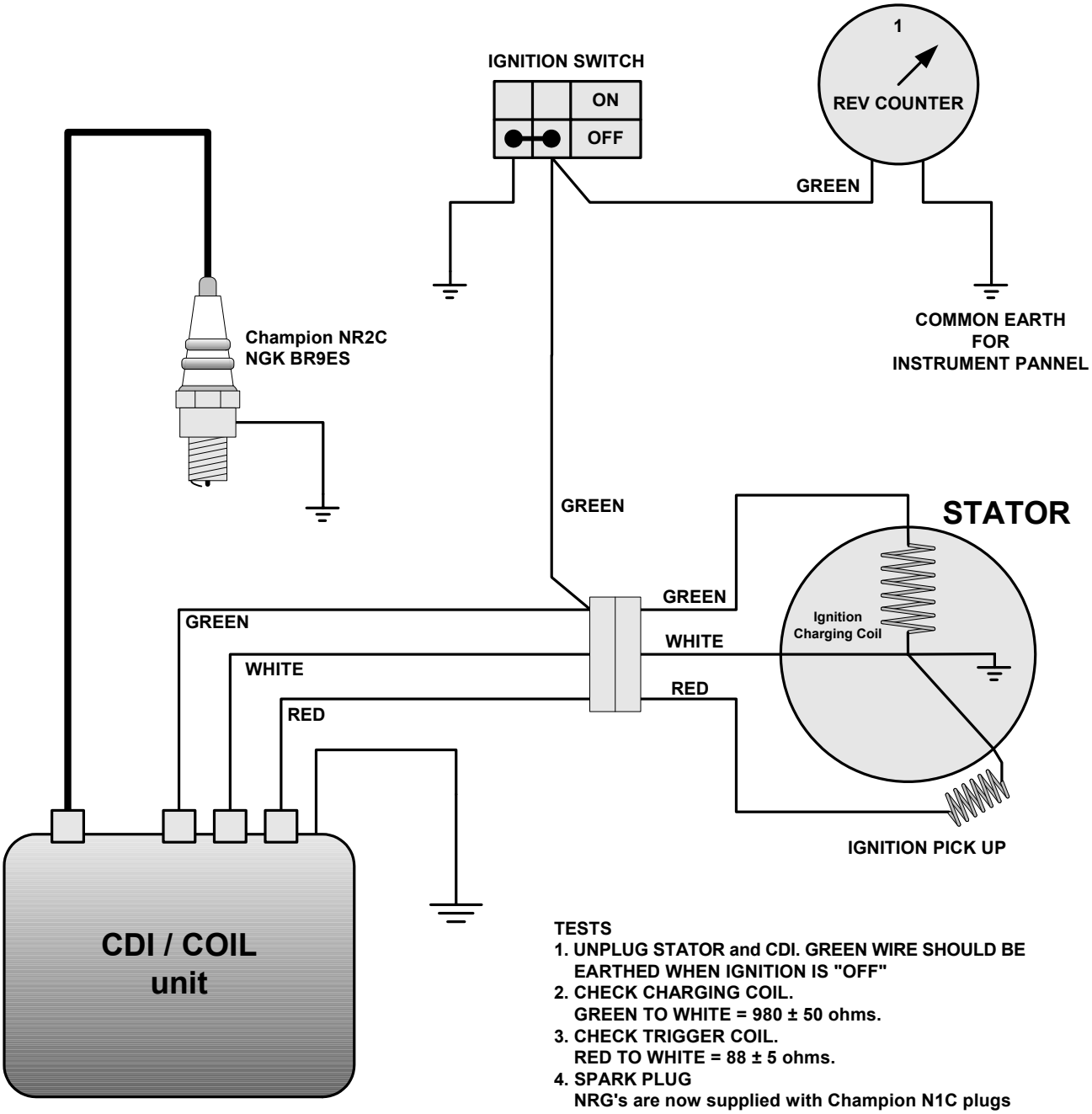
50cc 2t Ignition

Piaggio Ltd	19/07/02	Piaggio Ltd

This circuit could apply to any 50cc two stroke with or without a rev counter



TESTS

1. UNPLUG STATOR and CDI. GREEN WIRE SHOULD BE EARTHED WHEN IGNITION IS "OFF"
2. CHECK CHARGING COIL.
   GREEN TO WHITE = 980 ± 50 ohms.
3. CHECK TRIGGER COIL.
   RED TO WHITE = 88 ± 5 ohms.
4. SPARK PLUG
   NRG's are now supplied with Champion N1C plugs
   The NGK equlivilent is B10ES.
   This plug is very cold running and may not suit all riders.
   If you find that a machine is fouling plugs try fitting an NGK B9ES.

NOTES

White wire is a common, dedicated earth.
If the engine earth wire was missing the engine would run but you may have problems with the CDI unit failing because the electrical system may try to use the white wire as its earth connection.

Green wire will have 150-200v AC when engine is running.