

Suzuki SP/GN 400 Ignition/generator testing

Machines with CDi ignition



Testing the generator.

The generator can be tested without removing from the bike, however a visual inspection of the windings and wiring is recommended. Locate the lead from the generator and use a good quality multi meter set to read ohms measure between the lead colours below.

The engine should be cold.

Test	Wire Colour	Results
L1 Source coil	Black/red to Black/white	100 - 130R
L2 Source coil	Black to Black/red	2-3R
P1 Pulser	Red/green to Black/white	40-54R
P2 Pulser	Blue/red to black/white	40-54R
Charging	White/blue to black/white	1R
Lighting	Pink to black/white	1R

Black and white is connected to generator back plate IE earth.

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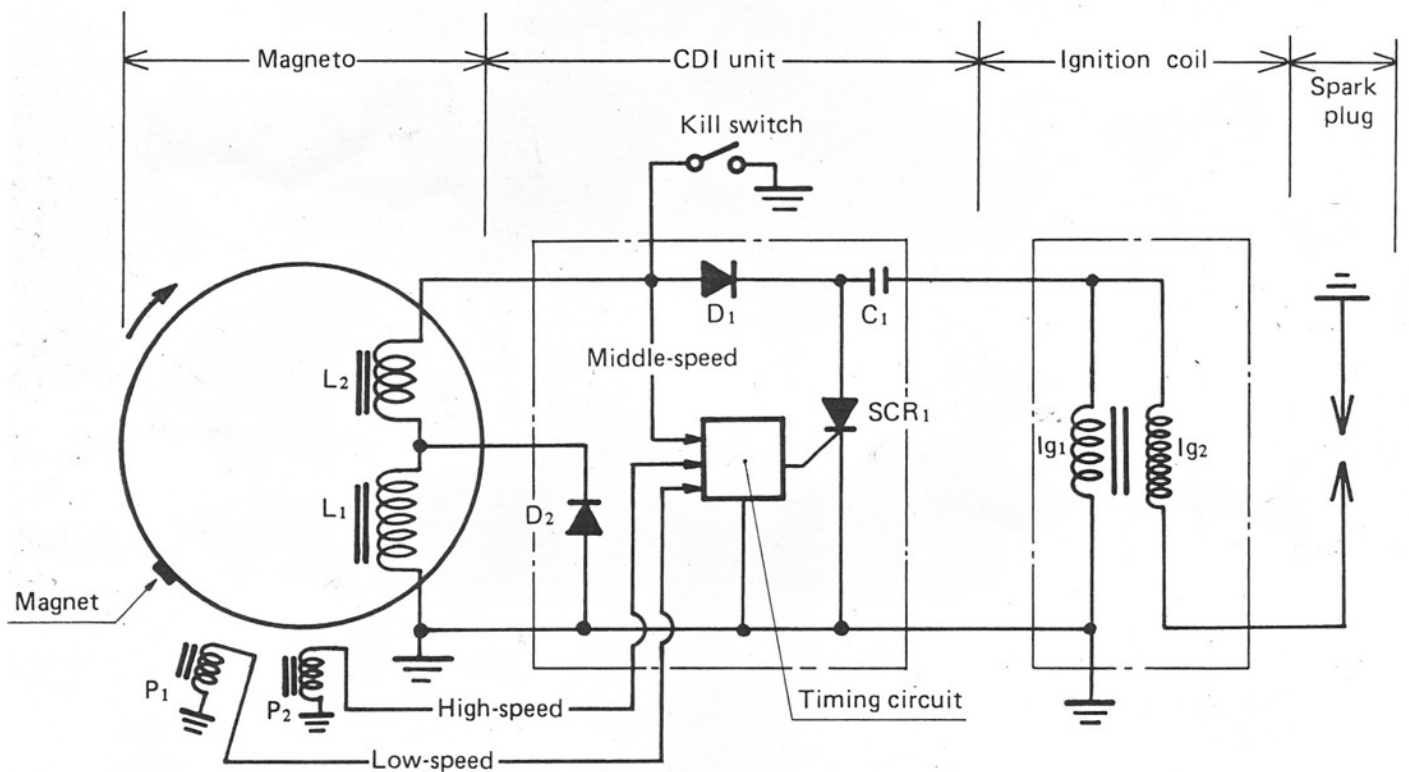
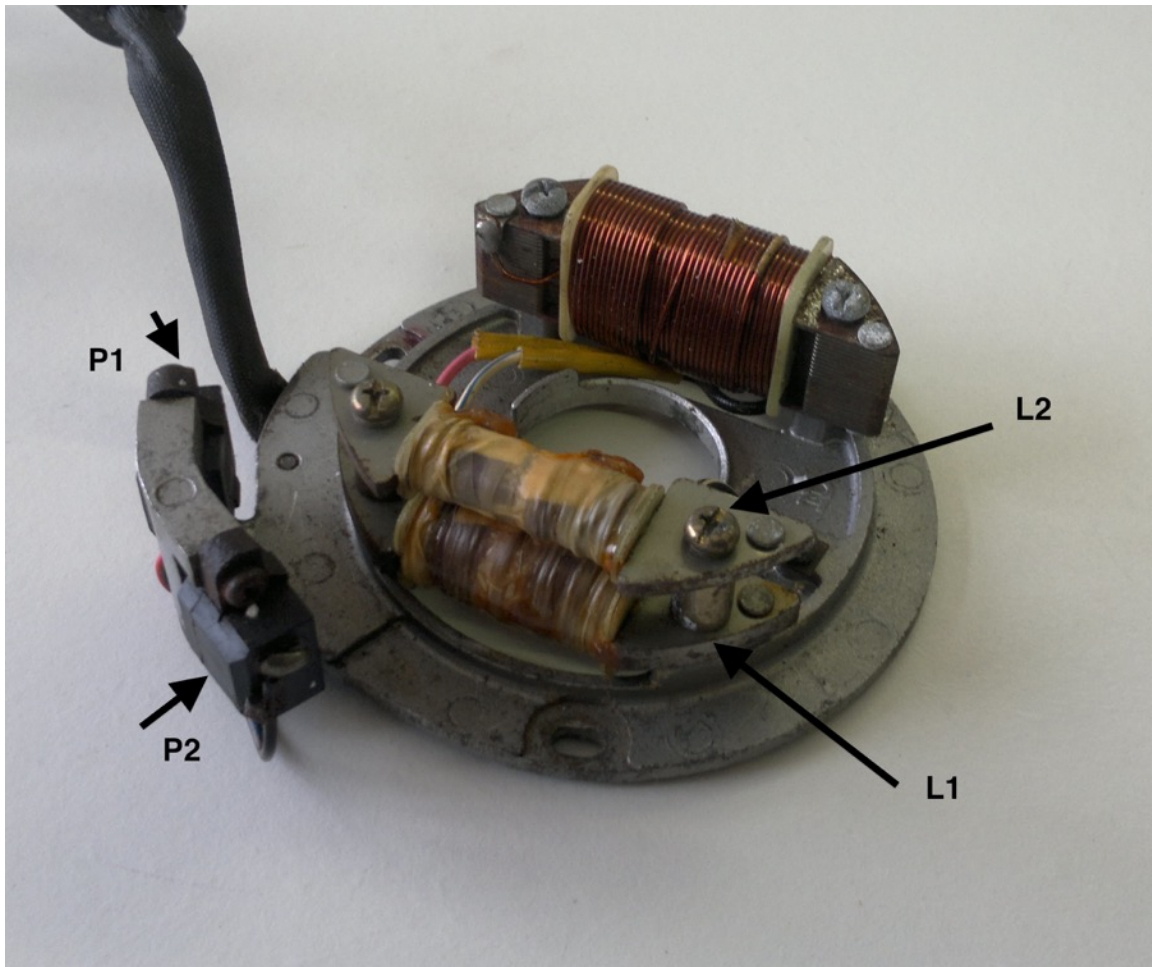


Diagram from Suzuki manual