

## Section 07 ELECTRICAL

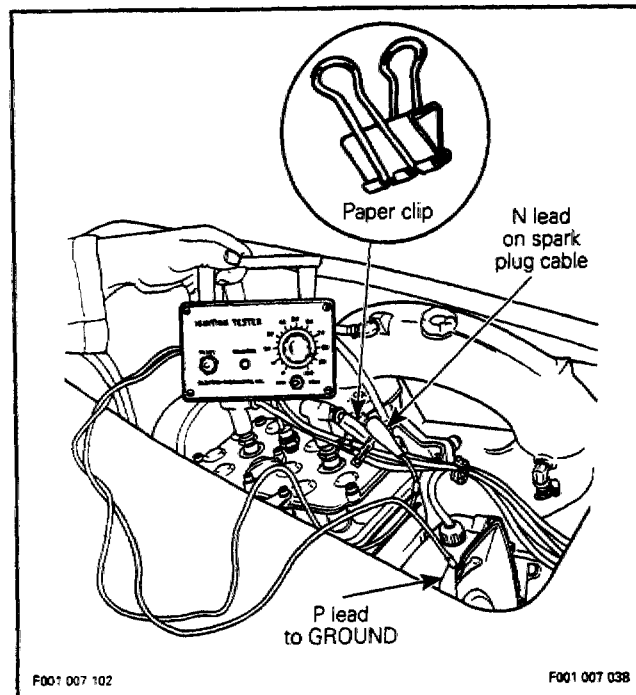
### Sub-Section 06 (CDI AND CHARGING SYSTEMS)

#### Ignition Coil Output

A paper clip of approximately 20 mm (3/4 in) will be used as a test adapter for the following test.

1. Install the test adapter to spark plug cable close to MAG side spark plug.
2. Connect tester wires then set switch and dial as follows :

Tester wires	Component wires	Tester switch position	Tester dial position
N	Tester adapter (paper clip) on spark plug cable	LOW	70
P	Engine Ground		



3. Start engine and observe indicator.

○ **NOTE :** If engine starts, allow it to idle while observing indicator. Then, shut engine off.

4. Push reset button and repeat step 3 twice.

#### Results :

- a) Indicator lamp lights : Ignition coil is OK.
- b) Indicator lamp does not light on one or both cylinder(s) : Ignition coil is faulty. Replace it.

#### SUMMARY TABLE

Test to perform	Tester wires	Component wires	Switch	Dial
High speed generating coil	N	BLACK / RED of magneto harness	LOW	85
	P	WHITE of magneto harness		
Low speed generating coil	N	BLACK / RED of magneto harness	HIGH	From 20 to 35
	P	BLACK of magneto harness		
Ignition module	N	WHITE / BLUE of ignition module	HIGH	From 70 to 75
	P	BLACK of ignition module		
Ignition coil	N	Test adapter on MAG spark plug cable	LOW	70
	P	Engine ground		