

## ● ELECTRICAL SYSTEM

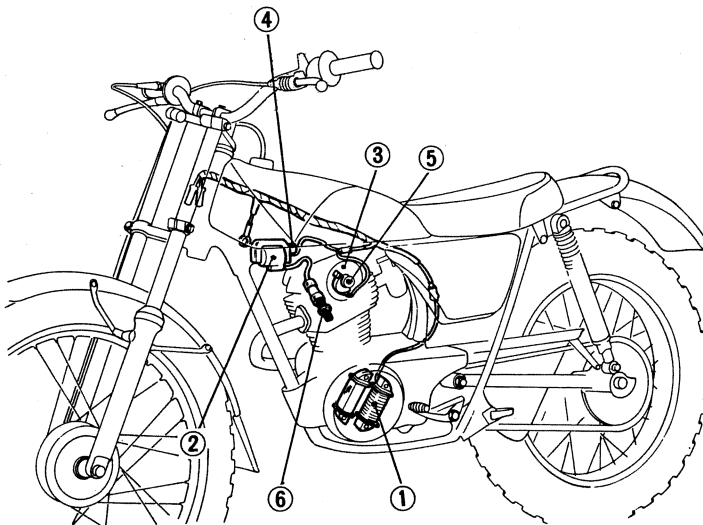
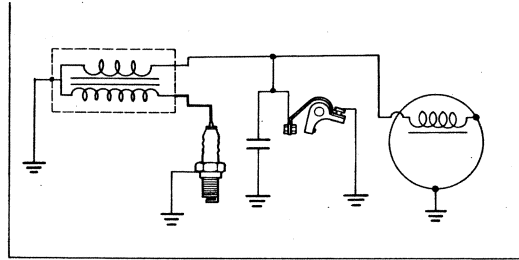


Fig. 44

- ① Generator coil
- ② Ignition coil
- ③ Contact breaker
- ④ Condenser
- ⑤ Spark advancer
- ⑥ Spark plug

Referring to the illustration above, the ignition system consists of the generator, ignition coil, contact breaker, condenser, spark advance mechanism and spark plug to ignite the air-fuel mixture in the engine cylinder.

### Technical Data

Ignition coil	Spark length (3-needle)	7mm min @ 500 rpm
Spark plug	Type	D-8ESL (NGK) X-24ES (DENSO)
	Gap	0.6 to 0.7mm
Contact breaker	Point pressure	800 ± 100g
	Point gap	0.35mm ± 0.05mm
Condenser	Capacity	0.24 μF
	Insulation resistance	10MΩ (by 1000V Megger)
Spark advancer	Advance angle	8.5° ± 1.5°
	Camshaft rpm at 1° advance	1100 ± 100 rpm
	Engine rpm at full advance	2000 ± 100 rpm