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## SERVICE INFORMATION

### GENERAL INSTRUCTION

For spark plug information, see page 3-5.

### TORQUE VALUE

Spark advancer

0.9 – 1.2 kg-m (7 – 9 ft-lb)

### SPECIFICATIONS

[ ] : Canada Model

Spark plug	ND	Standard	U22FS	[U22FSR-L]
		For cold climate below 5°C (41°F)	U20FS	[U20FSR-L]
		For extended high speed riding	U24FB	[U24FSR-L]
	NGK	Standard	C7HS	[CR7HS]
		For cold climate below 5°C (41°F)	C6H	[CR6HS]
		For extended high speed riding	C9H	[CR8HS]
Spark plug gap			0.6 – 0.7 mm (0.024 – 0.028 in)	
Ignition timing			At idle	15° BTDC
			Full advance	30° BTDC/3,100 rpm
Condenser capacity			0.22 – 0.26 μF	
Contact breaker point gap			0.3 – 0.4 mm (0.012 – 0.016 in)	

## TROUBLESHOOTING

### Engine cranks but will not start

1. Engine stop switch OFF
2. No spark at plug
3. Improper ignition timing

### No spark at plug

1. Engine stop switch OFF
2. Points not opening
3. Points burned, wet fouled or dirty
4. No primary current to points and coils
  - Loose or broken wire
  - Faulty ignition switch
5. Plug fouled
6. Faulty plug wire
7. Coil weak or inoperative
8. Faulty condenser

### Engine starts but runs poorly

1. Ignition primary circuit
  - Points dirty or fouled
  - Incorrect point gap
  - Faulty ignition coil
  - Faulty condenser
  - Loose or bare wire
  - Intermittent short circuit
2. Ignition secondary circuit
  - Faulty plug
  - Faulty high tension wire
3. Improper ignition timing

### Timing advance incorrect

1. Centrifugal advancer faulty