



SERVICE INFORMATION	16-1
TROUBLESHOOTING	16-1
SPARK PLUG	16-2
IGNITION COIL	16-2
AC GENERATOR	16-2
CDI UNIT	16-3
PULSE GENERATOR	16-3
IGNITION TIMING	16-4
ENGINE STOP SWITCH	16-4

SERVICE INFORMATION

GENERAL INSTRUCTION

- Ignition timing cannot be adjusted since the CDI (Capacitive Discharge Ignition) unit is non-adjustable. If ignition timing is incorrect, check the CDI unit and AC generator and replace the faulty parts.

SPECIFICATIONS

Spark plug:

USA model	D8EA (NGK)
	X24ES-U (ND)
Canada model	DR8ES-L (NGK)
	X24ESR-U (ND)

Plug gap: 0.6 – 0.7 mm (0.024 – 0.028 in)

Ignition timing:

Initial 10° BTDC at 2,250 ± 250 rpm

Full advance 36° ± BTDC at 3,500 rpm

Headlight 6V 25W

Taillight 6V 3W

AC generator 50W/5,000 rpm

TROUBLESHOOTING

No Spark at Plug

1. Engine stop switch "OFF"
2. Poorly connected, broken or shorted wires
 - Between AC generator and ignition coil
 - Between CDI unit and engine stop switch
 - Between CDI unit and ignition coil
 - Between ignition coil and plug
 - Between pulse generator and CDI unit
3. Faulty ignition coil
4. Faulty CDI unit
5. AC generator faulty
6. Faulty pulse generator

Engine Starts but Runs Poorly

1. Ignition primary circuit
 - Faulty ignition coil
 - Loose or bare wire
 - Faulty pulse generator
2. Secondary circuit
 - AC generator faulty
 - CDI unit faulty
 - Faulty pulse generator
 - Faulty spark advancer