

ELECTRICAL SYSTEM

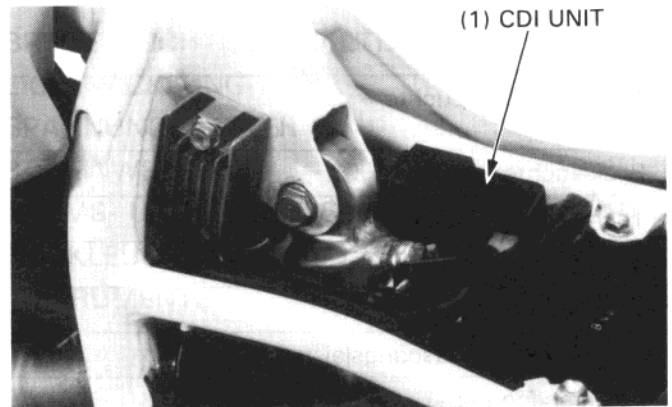
CDI UNIT

SYSTEM INSPECTION

Testing the CDI unit is done by a process of eliminating other components.

NOTE

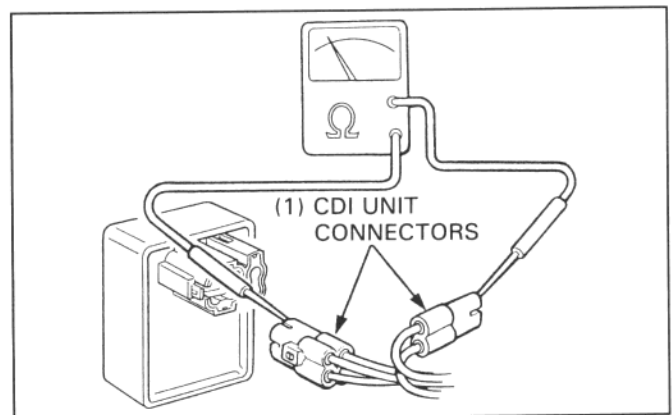
- This method does not include an inspection of the ignition timing advance system at the CDI unit.



Check the spark plug condition before system inspection (page 3-7).

Remove the seat.

Disconnect the 2P and 4P connectors from the CDI unit. Check the CDI unit connector for loose or poor connection. Test the 2P and 4P connectors according to the following chart.



ITEM	TERMINALS	SPECIFICATIONS (20°C/68°F)
Ignition coil primary coil	black/yellow and green	0.1–0.3 Ω
Ignition coil secondary coil (without spark plug cap)	black/yellow and high tension cord	7.4–11 kΩ
Alternator exciter coil	black/red and ground	230–320 Ω
Pulse generator	blue/yellow and green/white	360–440 Ω
Engine stop switch (free position)	black/white and ground	No continuity (∞)

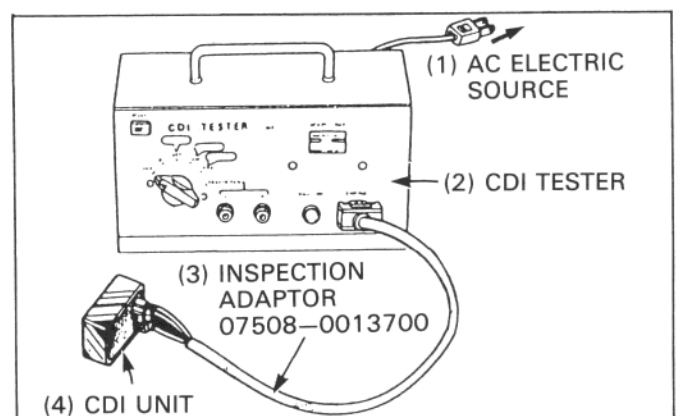
CDI UNIT PERFORMANCE TEST

NOTE

- Follow the CDI tester manufacturer's instructions.

Connect the special adaptor to the CDI unit and CDI tester.

TESTER SWITCH POSITION	CDI UNIT GOOD	CDI UNIT FAULTY
1. OFF	No spark	—
2. P	Sparks ump	—
3. EXT		Sparks ump
4. ON1		No spark
5. ON2		No spark



Replace the CDI unit with a new one if necessary.