

# TROUBLESHOOTING

### No spark at plug

- Faulty spark plug.
- Poorly connected, broken or shorted wires.
  - Between alternator and CDI unit.
  - Between CDI unit and engine stop switch.
  - Between CDI unit and ignition coil.
  - Between ignition coil and spark plug.
  - Between pulse generator and CDI unit.
- Faulty ignition coil.
- Faulty CDI unit.
- Faulty pulse generator.
- Faulty alternator.

### Engine starts but runs poorly

- Ignition primary circuit.
  - Faulty ignition coil.
  - Loose or bare wire.
  - Faulty alternator.
  - Faulty CDI unit.
  - Faulty pulse generator.
- Ignition secondary circuit.
  - Faulty plug.
  - Faulty spark plug wire.
  - Faulty ignition coil.
- Improper ignition timing.
  - Faulty pulse generator.
  - Faulty CDI unit.

### No lights when engine is running

- Faulty bulb.
- Poorly connected or loose connectors.
- Faulty alternator.