



## TROUBLESHOOTING

### Engine starts but stops

1. No spark at plug
2. Improper ignition timing
3. Faulty spark plug

### 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 spark plug
  - Between pulse generator and CDI unit
3. Faulty ignition coil
4. Faulty CDI unit
5. Faulty pulse generator
6. Faulty AC generator

### Light does not come on when light switch is turned on (Engine is running)

1. Bulb burned out
2. Faulty switch
3. Wiring to that component has open circuit
4. Faulty lighting coil (See page 15-3)

### Headlight beams do not shift when hi-lo switch is operated

1. Faulty dimmer switch

### Engine starts but runs poorly

1. Ignition primary circuit
  - Faulty ignition coil
  - Loose or bare wire
  - Faulty AC generator
2. Ignition secondary circuit
  - Faulty plug
  - Faulty CDI unit
  - Faulty pulse generator
  - Faulty high tension wire
3. Improper ignition timing
  - Faulty pulse generator
  - Faulty CDI unit