

## TROUBLE SHOOTING

### Does Not Fire All Plugs

- Kill switch OFF
- Kill switch faulty
- Main switch faulty
- Pulse generator faulty
- CDI unit faulty
- Sub fuse blown (10A)
- Wire connection faulty, incorrect routed, shorting
  - battery to main fuse (20A) (R)
  - main fuse (20A) to main switch (R)
  - main switch to sub fuse (R/B1)
  - sub fuse to kill switch (B1)
  - Kill switch to CDI unit (B1/W)
  - Ign, switch to CDI unit (B1/Bu, B1/Y)
  - CDI unit to earth (G)
  - Pulse generator to CDI Unit (W/Bu, Bu, W/Y, Y)

### Plug Not Firing

- Plug faulty
- Plug cap faulty
- High tension cord faulty
- CDI unit to ign. coil wire misrouted, connector faulty or shorting
- Kill switch to CDI unit (B1/W) wire misrouted, connector faulty or shorting

### Revolutions Imbalanced

- Ignition Primary Circuit
  - Ign. coil faulty
  - Kill switch faulty
  - Main switch faulty
  - Battery charging faulty
  - CDI unit faulty
  - Pulse generator faulty
  - Pulse rotor faulty
- Ignition Secondary Circuit
  - Plug faulty
  - High tension cord faulty
  - plug cap leak
  - Ign. coil faulty
  - CDI unit faulty
  - Pulse generator faulty

### Advanced Or Retarded Faulty

- Pulse generator faulty
- CDI unit faulty