



Monster 1200 / Monster 1200 S

Injection /electric system diagram key

- 1) Ignition system (ignition switch)
- 2) LH fan
- 3) RH fan
- 4) Generator
- 5) Regulator
- 6) Solenoid starter
- 7) Battery
- 8) Wiring ground
- 9) Exhaust valve motor
- 10) ABS control unit
- 11) Front fuse box
- 12) Rear fuse box
- 13) Front speed sensor
- 14) Rear speed sensor
- 15) Self-diagnosis/DDA
- 16) Rear right turn indicator
- 17) Rear light
- 18) Rear left turn indicator
- 19) Number plate light
- 20) BBS
- 21) Alarm (optional)
- 22) Oil pressure sensor
- 23) Gear sensor
- 24) Side stand switch
- 25) Clutch switch
- 26) Timing rpm sensor
- 27) MAP sensor
- 28) Engine temperature
- 29) Ambient air temperature (TIA)
- 30) Horizontal exhaust lambda sensor
- 31) Vertical exhaust lambda sensor
- 32) Accelerator position sensor (APS)
- 33) Horizontal injector
- 34) Vertical injector
- 35) Potentiometer motor / ride-by-wire (TPS/ ETV)
- 36) Secondary air actuator
- 37) Vertical coil
- 38) Horizontal coil
- 39) Fuel pump
- 40) Fuel pump relay
- 41) Injection power supply relay
- 42) Control unit 2
- 43) Control unit 1
- 44) Left-hand switch
- 45) Front left turn indicator
- 46) Horn
- 47) Air temperature sensor
- 48) Instrument panel
- 49) Rear stop light
- 50) Front stop light

- 51) Front right turn indicator
- 52) Headlight
- 53) Right-hand switch
- 54) Starter relay
- 55) Heated handgrip power supply
- 56) ABS fuses
- 57) Immobilizer
- 58) Starter motor

Wire colour coding

- B Blue
- W White
- V Violet
- Bk Black
- Y Yellow
- R Red
- Lb Light blue
- Gr Grey
- G Green
- Bn Brown
- O Orange
- P Pink



Note
The electric system wiring diagram is at the end of this manual.

| Fuse box (A) key | | |
|------------------|--------------|-------|
| Pos | El. item | Rat. |
| 1 | Optional key | 7.5 A |
| 2 | Alarm | 5 A |
| 3 | Stop | 5 A |
| 4 | Diagnostics | 3 A |
| 5 | Spare | 7.5 A |
| 6 | Spare | 25 A |
| 7 | Spare | 30 A |

| Fuse box (B) key | | |
|------------------|-------|------|
| 8 | Spare | 10 A |
| 9 | Spare | 20 A |
| 10 | Spare | 15 A |

| Fuse box (B) key | | |
|------------------|------------------|------|
| Pos | El. item | Rat. |
| 1 | Lights | 5 A |
| 2 | Instrument panel | 10 A |
| 3 | Key 1 | 10 A |
| 4 | Key 2 | 15 A |
| 5 | Relay | 20 A |
| 6 | Control unit | 5 A |
| 7 | BBS | 10 A |