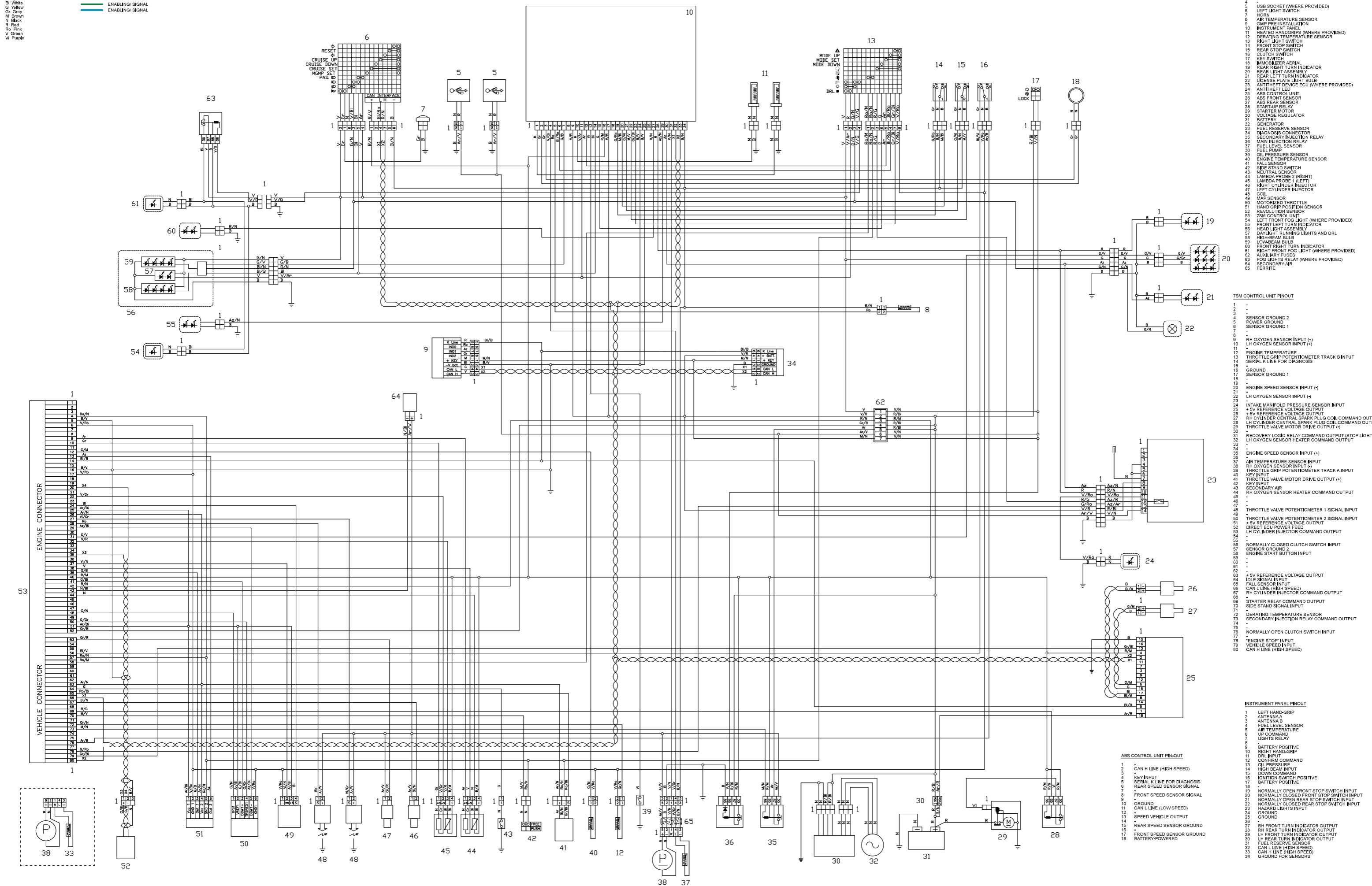


COLOUR KEY

- A/ Orange
- Az/ Sky blue
- B/ Blue
- Bl/ White
- G/ Yellow
- Gr/ Grey
- M/ Brown
- N/ Black
- R/ Red
- Ro/ Pink
- V/ Green
- V/ Purple

DIAGRAM COLOURS - KEY

- POWER SUPPLY
- GROUND
- ENABLING/ SIGNAL
- ENABLING/ SIGNAL



KEY

- 1 MULTIPLE CONNECTORS
- 2 -
- 3 -
- 4 -
- 5 USB SOCKET (WHERE PROVIDED)
- 6 LEFT LIGHT SWITCH
- 7 HORN
- 8 AIR TEMPERATURE SENSOR
- 9 CMP PRE-INSTALLATION
- 10 INSTRUMENT PANEL
- 11 HEATED HANDGRIPS (WHERE PROVIDED)
- 12 DERATING TEMPERATURE SENSOR
- 13 RIGHT LIGHT SWITCH
- 14 FRONT STOP SWITCH
- 15 REAR STOP SWITCH
- 16 CLUTCH SWITCH
- 17 KEY SWITCH
- 18 BATTERY POSITIVE
- 19 REAR RIGHT TURN INDICATOR
- 20 REAR LIGHT ASSEMBLY
- 21 REAR LEFT TURN INDICATOR
- 22 LICENSE PLATE LIGHT BULB
- 23 ANTI-THEFT DEZE ECU (WHERE PROVIDED)
- 24 ANTI-THEFT LED
- 25 ABS CONTROL UNIT
- 26 ABS FRONT SENSOR
- 27 ABS REAR SENSOR
- 28 START-UP RELAY
- 29 STARTER MOTOR
- 30 VOLTAGE REGULATOR
- 31 BATTERY
- 32 GENERATOR
- 33 FUEL RESERVE SENSOR
- 34 DIAGNOSIS CONNECTOR
- 35 SECONDARY INJECTION RELAY
- 36 MAIN INJECTION RELAY
- 37 FUEL LEVEL SENSOR
- 38 FUEL PUMP
- 39 OIL PRESSURE SENSOR
- 40 ENGINE TEMPERATURE SENSOR
- 41 FALL SENSOR
- 42 SIDE STAND SWITCH
- 43 NEUTRAL SENSOR
- 44 LAMBDA PROBE 2 (RIGHT)
- 45 LAMBDA PROBE 1 (LEFT)
- 46 RIGHT CYLINDER INJECTOR
- 47 LEFT CYLINDER INJECTOR
- 48 COE
- 49 MAP SENSOR
- 50 MOTORISED THROTTLE
- 51 HAND GRIP POSITION SENSOR
- 52 REVOLUTION SENSOR
- 53 TSM CONTROL UNIT
- 54 LEFT FRONT FOG LIGHT (WHERE PROVIDED)
- 55 FRONT LEFT TURN INDICATOR
- 56 HEAD LIGHT ASSEMBLY
- 57 DAYLIGHT RUNNING LIGHTS AND DRL
- 58 HIGH-BEAM BULB
- 59 LOW-BEAM BULB
- 60 FRONT RIGHT TURN INDICATOR
- 61 RIGHT FRONT FOG LIGHT (WHERE PROVIDED)
- 62 AUXILIARY FUSES
- 63 FOG LIGHTS RELAY (WHERE PROVIDED)
- 64 SECONDARY AIR
- 65 FERRITE

TSM CONTROL UNIT PINOUT

- 1 -
- 2 -
- 3 -
- 4 SENSOR GROUND 2
- 5 POWER GROUND
- 6 SENSOR GROUND 1
- 7 -
- 8 -
- 9 RH OXYGEN SENSOR INPUT (+)
- 10 LH OXYGEN SENSOR INPUT (+)
- 11 -
- 12 ENGINE TEMPERATURE
- 13 THROTTLE GRIP POTENTIOMETER TRACK B INPUT
- 14 SERIAL K LINE FOR DIAGNOSIS
- 15 GROUND
- 16 SENSOR GROUND 1
- 17 -
- 18 -
- 19 -
- 20 ENGINE SPEED SENSOR INPUT (+)
- 21 -
- 22 LH OXYGEN SENSOR INPUT (+)
- 23 -
- 24 -
- 25 INTAKE MANIFOLD PRESSURE SENSOR INPUT
- 26 +5V REFERENCE VOLTAGE OUTPUT
- 27 RH CYLINDER CENTRAL SPARK PLUG COIL COMMAND OUTPUT
- 28 LH CYLINDER CENTRAL SPARK PLUG COIL COMMAND OUTPUT
- 29 THROTTLE VALVE MOTOR DRIVE OUTPUT (+)
- 30 -
- 31 RECOVERY LOGIC RELAY COMMAND OUTPUT (STOP LIGHT)
- 32 LH OXYGEN SENSOR HEATER COMMAND OUTPUT
- 33 -
- 34 -
- 35 ENGINE SPEED SENSOR INPUT (+)
- 36 -
- 37 AIR TEMPERATURE SENSOR INPUT
- 38 RH OXYGEN SENSOR INPUT (+)
- 39 THROTTLE GRIP POTENTIOMETER TRACK A INPUT
- 40 KEY INPUT
- 41 THROTTLE VALVE MOTOR DRIVE OUTPUT (+)
- 42 KEY INPUT
- 43 SECONDARY AIR
- 44 RH OXYGEN SENSOR HEATER COMMAND OUTPUT
- 45 -
- 46 -
- 47 -
- 48 THROTTLE VALVE POTENTIOMETER 1 SIGNAL INPUT
- 49 THROTTLE VALVE POTENTIOMETER 2 SIGNAL INPUT
- 50 +5V REFERENCE VOLTAGE OUTPUT
- 51 +5V REFERENCE VOLTAGE OUTPUT
- 52 DIRECT ECU POWER FEED
- 53 LH CYLINDER INJECTOR COMMAND OUTPUT
- 54 -
- 55 -
- 56 NORMALLY CLOSED CLUTCH SWITCH INPUT
- 57 SENSOR GROUND 2
- 58 ENGINE START BUTTON INPUT
- 59 -
- 60 -
- 61 -
- 62 -
- 63 +5V REFERENCE VOLTAGE OUTPUT
- 64 IDLE SIGNAL INPUT
- 65 FALL SENSOR INPUT
- 66 CAN H LINE (HIGH SPEED)
- 67 RH CYLINDER INJECTOR COMMAND OUTPUT
- 68 -
- 69 STARTER RELAY COMMAND OUTPUT
- 70 SIDE STAND SIGNAL INPUT
- 71 -
- 72 DERATING TEMPERATURE SENSOR
- 73 SECONDARY INJECTION RELAY COMMAND OUTPUT
- 74 -
- 75 -
- 76 NORMALLY OPEN CLUTCH SWITCH INPUT
- 77 -
- 78 ENGINE STOP INPUT
- 79 VEHICLE SPEED INPUT
- 80 CAN H LINE (HIGH SPEED)

INSTRUMENT PANEL PINOUT

- 1 LEFT HAND-GRIP
- 2 ANTENNA A
- 3 ANTENNA B
- 4 FUEL LEVEL SENSOR
- 5 AIR TEMPERATURE
- 6 UP COMMAND
- 7 LIGHTS RELAY
- 8 -
- 9 BATTERY POSITIVE
- 10 RIGHT HAND-GRIP
- 11 DRL INPUT
- 12 CONFIRM COMMAND
- 13 OIL PRESSURE
- 14 HIGH BEAM INPUT
- 15 DOWN COMMAND
- 16 IGNITION SWITCH POSITIVE
- 17 BATTERY POSITIVE
- 18 -
- 19 NORMALLY OPEN FRONT STOP SWITCH INPUT
- 20 NORMALLY CLOSED FRONT STOP SWITCH INPUT
- 21 NORMALLY OPEN REAR STOP SWITCH INPUT
- 22 NORMALLY CLOSED REAR STOP SWITCH INPUT
- 23 HAZARD LIGHTS INPUT
- 24 GROUND
- 25 GROUND
- 26 -
- 27 RH FRONT TURN INDICATOR OUTPUT
- 28 RH REAR TURN INDICATOR OUTPUT
- 29 LH FRONT TURN INDICATOR OUTPUT
- 30 LH REAR TURN INDICATOR OUTPUT
- 31 FUEL RESERVE SENSOR
- 32 CAN L LINE (HIGH SPEED)
- 33 CAN H LINE (HIGH SPEED)
- 34 GROUND FOR SENSORS

ABS CONTROL UNIT PINOUT

- 1 CAN H LINE (HIGH SPEED)
- 2 -
- 3 KEY INPUT
- 4 SERIAL K LINE FOR DIAGNOSIS
- 5 REAR SPEED SENSOR SIGNAL
- 6 FRONT SPEED SENSOR SIGNAL
- 7 -
- 8 GROUND
- 9 CAN L LINE (LOW SPEED)
- 10 GROUND
- 11 CAN L LINE (LOW SPEED)
- 12 GROUND
- 13 SPEED VEHICLE OUTPUT
- 14 -
- 15 REAR SPEED SENSOR GROUND
- 16 -
- 17 FRONT SPEED SENSOR GROUND
- 18 BATTERY-POWERED



V85 TT

