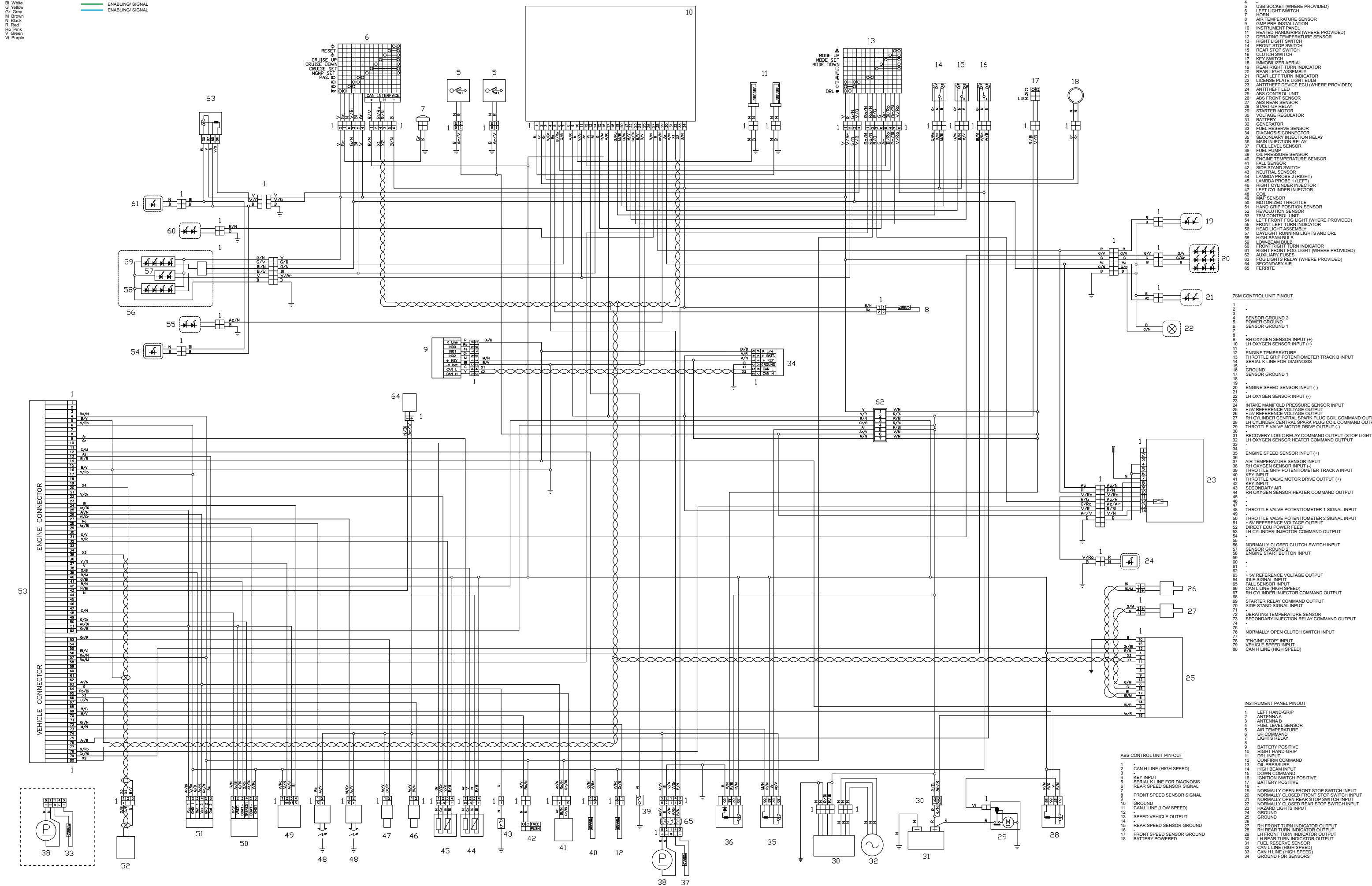


COLOUR KEY

- Ar Orange
- Az Sky blue
- B Blue
- Bl White
- G Yellow
- Gr Grey
- M Brown
- N Black
- R Red
- Ro Pink
- V Green
- Vl 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 AIR TEMPERATURE SENSOR
- 8 GMP PRE-INSTALLATION
- 9 INSTRUMENT PANEL
- 10 HEATED HANDGRIPS (WHERE PROVIDED)
- 11 RIGHT LIGHT SWITCH
- 12 DERATING TEMPERATURE SENSOR
- 13 FRONT STOP SWITCH
- 14 REAR STOP SWITCH
- 15 CLUTCH SWITCH
- 16 KEY SWITCH
- 17 BATTERY POSITIVE SERIAL
- 18 REAR RIGHT TURN INDICATOR
- 19 REAR LIGHT ASSEMBLY
- 20 REAR LEFT TURN INDICATOR
- 21 LICENSE PLATE LIGHT BULB
- 22 ANTI-THEFT DEVICE ECU (WHERE PROVIDED)
- 23 ANTI-THEFT LED
- 24 ABS CONTROL UNIT
- 25 ABS FRONT SENSOR
- 26 ABS REAR SENSOR
- 27 START-UP RELAY
- 28 STARTER MOTOR
- 29 VOLTAGE REGULATOR
- 30 BATTERY
- 31 GENERATOR
- 32 FUEL RESERVE SENSOR
- 33 DIAGNOSIS CONNECTOR
- 34 SECONDARY INJECTION RELAY
- 35 MAIN INJECTION RELAY
- 36 FUEL LEVEL SENSOR
- 37 FUEL PUMP
- 38 OIL PRESSURE SENSOR
- 39 ENGINE TEMPERATURE SENSOR
- 40 FALL SENSOR
- 41 SIDE STAND SWITCH
- 42 NEUTRAL SENSOR
- 43 LAMBDA PROBE 2 (RIGHT)
- 44 LAMBDA PROBE 1 (LEFT)
- 45 RIGHT CYLINDER INJECTOR
- 46 LEFT CYLINDER INJECTOR
- 47 COIL
- 48 MAP SENSOR
- 49 MOTORIZED THROTTLE
- 50 HAND GRIP POSITION SENSOR
- 51 REVOLUTION SENSOR
- 52 TSM CONTROL UNIT
- 53 LEFT FRONT FOG LIGHT (WHERE PROVIDED)
- 54 FRONT LEFT TURN INDICATOR
- 55 HEAD LIGHT ASSEMBLY
- 56 DAYLIGHT RUNNING LIGHTS AND DRL
- 57 HIGH-BEAM BULB
- 58 FRONT RIGHT TURN INDICATOR
- 59 RIGHT FRONT FOG LIGHT (WHERE PROVIDED)
- 60 AUXILIARY FUSES
- 61 FOG LIGHTS RELAY (WHERE PROVIDED)
- 62 SECONDARY AIR
- 63 FERRITE

7SM CONTROL UNIT PINOUT

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

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 -
- 20 -
- 21 -
- 22 -
- 23 -
- 24 -
- 25 -
- 26 -
- 27 -
- 28 -
- 29 -
- 30 -
- 31 -
- 32 -
- 33 -
- 34 -

ABS CONTROL UNIT PIN-OUT

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

