

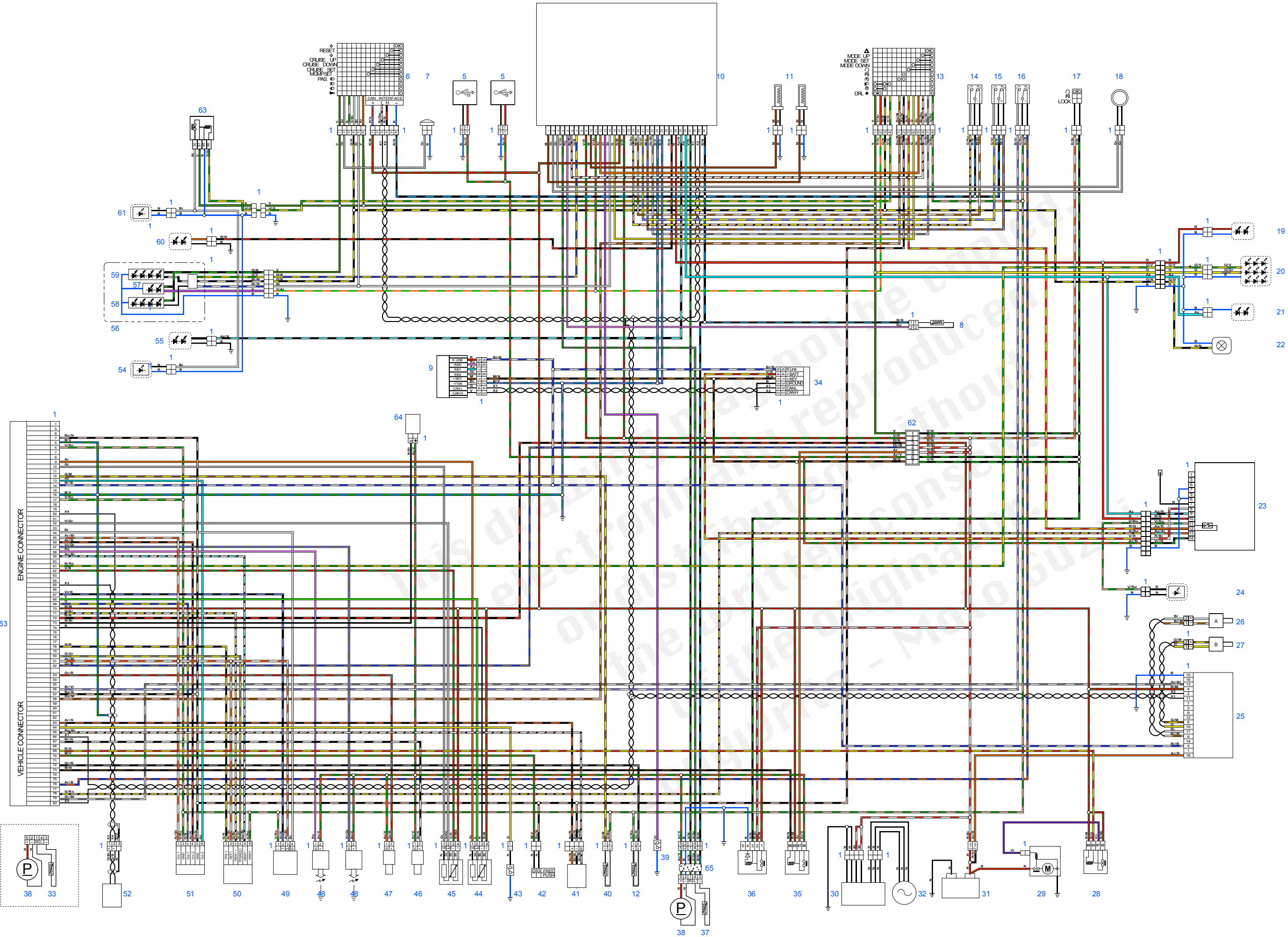
2019 U85 TT

5 Nov 2020

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Drawing is sized to print as
super A3 (13x19") at 50%

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
Vi Purple



- KEY
- 1 Multiple Connectors
 - 2 -
 - 3 -
 - 4 -
 - 5 USB Socket (where provided)
 - 6 Horn
 - 7 Air Temperature Sensor
 - 8 GMP Pre-Installation
 - 9 Instrument Panel
 - 10 Heated Handgrips (where provided)
 - 11 Derating Temperature Sensor
 - 12 Right Light Switch
 - 13 Front Stop Switch
 - 14 Rear Stop Switch
 - 15 Clutch Switch
 - 16 Key Switch
 - 17 Immobilizer Aerial
 - 18 Rear Right Turn Indicator
 - 19 Rear Left Turn Indicator
 - 20 Derating Temperature Sensor
 - 21 License Plate Light Bulb
 - 22 Antitheft Device ECU (where provided)
 - 23 Antitheft Led
 - 24 ABS Control Unit
 - 25 ABS Front Sensor
 - 26 ABS Rear Sensor
 - 27 Starter Motor
 - 28 Start-up Relay
 - 29 Voltage Regulator
 - 30 Battery
 - 31 Generator
 - 32 Fuel Reserve Sensor
 - 33 Diagnosis Connector
 - 34 Secondary Injection Relay
 - 35 Main Injection Relay
 - 36 Fuel Pump
 - 37 Oil Pressure Sensor
 - 38 Engine Temperature Sensor
 - 39 Fuel Sensor
 - 40 Side Stand Switch
 - 41 Neutral Sensor
 - 42 Lambda Probe 2 (right)
 - 43 Lambda Probe 1 (left)
 - 44 Right Cylinder Injector
 - 45 Left Cylinder Injector
 - 46 Coil
 - 47 Map Sensor
 - 48 Motorized Throttle
 - 49 Hand Grip Position Sensor
 - 50 Revolution Sensor
 - 51 Left Front Fog Light (where provided)
 - 52 Front Left Turn Indicator
 - 53 Head Light Assembly
 - 54 Daylight Running Lights and DRL
 - 55 High-Beam Bulb
 - 56 Low-Beam Bulb
 - 57 Front Right Turn Indicator
 - 58 Right Front Fog Light (where provided)
 - 59 Fog Lights Relay (where provided)
 - 60 Secondary Air
 - 61 Ferrite

- 75M CONTROL UNIT PINOUT
- 1 -
 - 2 -
 - 3 -
 - 4 Sensor Ground 2 5 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 Engine Speed Sensor Input (-)
 - 20 LH Oxygen Sensor Input (-)
 - 21 -
 - 22 Intake Manifold Pressure Sensor Input
 - 23 + 5v Reference Voltage Output
 - 24 RH Cylinder Central Spark Plug Coil Command Output
 - 25 LH Cylinder Central Spark Plug Coil Command Output
 - 26 Throttle Valve Motor Drive Output (-)
 - 27 -
 - 28 Recover Logic Relay Command Output (stop Light)
 - 29 LH Oxygen Sensor Heater Command Output
 - 30 -
 - 31 -
 - 32 Engine Speed Sensor Input (+)
 - 33 -
 - 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 + 5v Reference Voltage Output
 - 57 Idle Signal Input
 - 58 Fuel Sensor Input
 - 59 Can L Line (High Speed)
 - 60 RH Cylinder Injector Command Output
 - 61 Starter Relay Command Output
 - 62 Side Stand Signal Input
 - 63 -
 - 64 Derating Temperature Sensor
 - 65 Secondary Injection Relay Command Output
 - 66 -
 - 67 -
 - 68 Normally Open Clutch Switch Input
 - 69 -engine Stop Input
 - 70 Vehicle Speed Input
 - 71 Can H Line (High Speed)
 - 72 -
 - 73 -
 - 74 -
 - 75 -

- 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 -
 - 26 RH Front Turn Indicator Output
 - 27 RH Rear Turn Indicator Output
 - 28 LH Front Turn Indicator Output
 - 29 LH Rear Turn Indicator Output
 - 30 Fuel Reserve Sensor
 - 31 Can L Line (High Speed)
 - 32 Can H Line (High Speed)
 - 33 Ground for Sensors
 - 34 -

- ABS CONTROL UNIT PINOUT
- 1 -
 - 2 Can H Line (High Speed)
 - 3 -
 - 4 Key Input
 - 5 Serial K Line for Diagnosis
 - 6 Rear Speed Sensor Signal
 - 7 Front Speed Sensor Signal
 - 8 Front Speed Sensor Signal
 - 9 -
 - 10 Ground
 - 11 Can L Line (low Speed)
 - 12 Speed Vehicle Output
 - 13 -
 - 14 Rear Speed Sensor Ground
 - 15 Front Speed Sensor Ground
 - 16 Battery-powered