

TABLE TO SHOW VARIOUS WIRE COLOURS for HANDLEBAR CONTROLS

COLOUR KEY		RIGHT CLUSTER	LEFT CLUSTER	BOTH CLUSTERS	OTHER (rotary switch)	
FUNCTION	SUZUKI	YAMAHA	KAWASAKI	HONDA	LUCAS POINTS (POS EARTH)	LUCAS TPI (NEG EARTH)
L LAMP FEED	BLACK	BROWN	GREEN	ORANGE	GREEN/RED	GREEN/RED
R LAMP FEED	LIGHT GREEN	DARK GREEN	GREY	LIGHT BLUE	GREEN/WHITE	GREEN/WHITE
TURN SWITCH	LIGHT BLUE	BROWN/WHITE	ORANGE	GREY	BLUE	LIGHT GREEN/BROWN
HAZARD SWITCH	N/A	N/A	GREEN, GREY, ORANGE/GREEN or DARK GREEN, ORANGE, GREY	N/A	N/A	N/A
HIGH LAMP	WHITE	YELLOW	RED/BLACK	BLACK	BLUE/WHITE	BLUE/WHITE
LOW LAMP	YELLOW	GREEN or WHITE	RED/YELLOW	WHITE	BLUE/RED	BLUE/RED
LAMP GND	BLACK/WHITE	BLACK	YELLOW/BLACK	GREEN	RED	BLACK
HEADLIGHT SWITCH IN	ORANGE/RED	RED/YELLOW	BROWN	BLACK/RED	BROWN/WHITE	WHITE
HEADLIGHT SWITCH OUT	N/A (Internal)	BLUE/BLACK	BLUE/WHITE	BLUE/WHITE	BLUE	BLUE/YELLOW
DIM SWITCH	YELLOW/WHITE	BLUE/BLACK	BLUE	BLUE/WHITE	BLUE	BLUE
PASS SWITCH	N/A	RED/YELLOW	N/a	WHITE/GREEN BLACK	N/A	WHITE (in) BLUE/WHITE (out)
KILL SWITCH FEED	ORANGE/WHITE	RED/WHITE	BROWN or RED	BLUE	BLACK/WHITE	WHITE
KILL SWITCH RETURN	ORANGE or ORANGE/BLACK	RED/WHITE	RED/YELLOW	BROWN/WHITE	RED	WHITE/YELLOW
STARTER SWITCH FEED	ORANGE/WHITE	BLACK	BLACK	BLUE	N/A	N/A
STARTER RELAY FEED	YELLOW/GREEN	BLUE/WHITE	BLACK	YELLOW/RED	N/A	N/A
FEED FROM HORN	GREEN	PINK	BLACK/WHITE	LIGHT GREEN	BROWN/BLUE	PURPLE/BLACK
HORN SWITCH	BLACK/WHITE	BLACK	BLACK/WHITE	GREEN	BROWN/BLACK or BROWN/BLUE	WHITE (in)
BRAKE SWITCH IN	BLACK	BROWN	BROWN	WHITE/GREEN	WHITE	WHITE
BRAKE SWITCH OUT	BLACK	GREEN/YELLOW	BLACK or BLUE or BLUE/RED	GREEN/YELLOW	BROWN	BROWN

TABLE TO SHOW VARIOUS WIRE COLOURS for POWER SOURCES/LIGHTS

FUNCTION	MANUFACTURER					
	SUZUKI	YAMAHA	KAWASAKI	HONDA	LUCAS POINTS (POS EARTH)	LUCAS TPI (NEG EARTH)
IGNITION POWER	ORANGE (lights) GREY (meter lights) BROWN (day lights)	BROWN (ign) RED/YELLOW (lights) BLUE (day lights)	RED (Tail) BLUE (Lights) BROWN (Brake) ORANGE/GREEN (Haz)	BLACK (ign) BROWN x3	WHITE (ign)	WHITE x3 (ign/day) BROWN/GREEN x3 (tail) BLUE (lights)
MAIN	RED	RED	WHITE	BLACK	BROWN/WHITE	BROWN/BLUE
TURN SIGNALS	ORANGE/GREEN	DARK GREEN BROWN	GREEN GREY	WHITE/GREEN	BLUE	LIGHT GREEN/BROWN
HEADLIGHT	ORANGE/RED	RED/YELLOW	BLUE	BROWN/BLUE BLACK/RED (Dimmer Feed)	BLUE	BLUE BLUE/YELLOW
IGNITION	ORANGE/YELLOW or ORANGE/WHITE	RED/WHITE	WHITE	BLACK/WHITE	WHITE	WHITE/YELLOW
STOP LIGHT	ORANGE/GREEN	BROWN	BLUE	WHITE/GREEN	BROWN	BROWN
OIL LAMP	GREEN/YELLOW	BLACK/RED	RED/BLUE	BLUE BLUE/RED	N/a	WHITE/BROWN
BACK LIGHTS	GREEN	BLUE	BLUE	GREEN/WHITE	BROWN/GREEN	BROWN/GREEN
NEUTRAL LAMP	BLUE	LIGHT BLUE	RED/GREEN	GREEN GREEN/RED	N/a	S?
HIGH BEAM LAMP	YELLOW	YELLOW	RED/BLACK	BLUE	BLUE/WHITE	BLUE/WHITE
INDICATOR LAMPS	BLACK LIGHT GREEN	DARK GREEN BROWN	GREEN GREY	ORANGE LIGHT BLUE	N/a	GREEN/RED GREEN/WHITE

TABLE TO SHOW VARIOUS WIRE COLOURS for CHARGING CIRCUITS

FUNCTION	MANUFACTURER					
	SUZUKI	YAMAHA	KAWASAKI	HONDA	LUCAS POINTS (POS EARTH)	LUCAS TPI (NEG EARTH)
ALTERNATOR PHASE/FIELD WINDINGS	GREEN/WHITE WHITE/BLUE YELLOW	WHITE x3 GREEN (field) YELLOW (safety)	PINK, YELLOW, BLUE or YELLOW, YELLOW, YELLOW	YELLOW x3 WHITE X1 (field)	GREEN/BLACK GREEN/YELLOW WHITE/GREEN	GREEN/BLACK GREEN/YELLOW WHITE/GREEN
REGULATOR RECTIFIER INPUT	GREEN/WHITE WHITE/BLUE YELLOW	WHITE	PINK, YELLOW, BLUE or YELLOW, YELLOW, YELLOW	YELLOW x3 WHITE X1 (field) Black (gnd)	See Zener	See Zener
REGULATOR RECTIFIER OUTPUT	RED	RED	BROWN or BROWN (tail), RED/WHITE (Ign)	GREEN (gnd) BLACK (+v) RED/WHITE (Batt sense)	See Zener	See Zener
RECTIFIER INPUT	N/a	N/a	PINK YELLOW BLUE	YELLOW x3	GREEN/YELLOW WHITE/GREEN	GREEN/BLACK GREEN/YELLOW WHITE/GREEN
RECTIFIER OUTPUT	N/a	N/a	WHITE	RED/WHITE	BROWN/WHITE	BROWN/BLUE
REGULATOR INPUT	RED or BLUE	GREEN (field) BLACK (gnd) BROWN (ign) or YELLOW	GREEN/WHITE WHITE/BLUE YELLOW BROWN (ign) BLACK (gnd)	WHITE (field) BLACK (ign) GREEN (gnd) or YELLOW	See Zener	See Zener
SINGLE WIRE ALTERNATOR	RED or ORANGE	N/A	N/A	N/A	N/A	N/A
ZENER FEED	N/A	N/A	N/A	N/A	WHITE or BROWN/WHITE	BROWN/BLUE
GROUND	BLACK/WHITE	BLACK	YELLOW/BLACK (rec) BLACK (reg) BLACK (reg/rec)	GREEN	RED	BLACK

TABLE TO SHOW WIRE COLOURS for IGNITION WIIRING

PICKUP WIRES	GREEN BLUE	GREEN BLUE RED BROWN	YELLOW and RED (Pair) BLUE and BLACK (Pair) or RED/BLACK and YELLOW BLUE and RED/WHITE	YELLOW PAIR BLUE PAIR	N/A	WHITE/PURPLE WHITE/ORANGE
CDI / IGNITOR INPUT WIRES	GREEN BLUE	GREEN BLUE RED BROWN	YELLOW and RED (Pair) BLUE and BLACK (Pair)	YELLOW PAIR BLUE PAIR	N/A	WHITE/PURPLE WHITE/ORANGE
CDI / IGNITOR GROUND	BLACK/WHITE	BLACK	BLACK/WHITE	GREEN	N/A	BLACK
CDI / IGNITOR OUTPUT VOLTAGE TO COILS	ORANGE/WHITE	RED/WHITE	RED/YELLOW (points) RED (electronic)	BLACK/WHITE	N/A	WHITE/BLACK WHITE/YELLOW
COIL FROM CDI / IGNITOR	WHITE (CYL 1&4) BLACK/YELLOW (CYL 2&3)	ORANGE (REAR CYL or 1&4) GREY (FRONT CYL 2&3)	BLACK DARK GREEN	BLUE YELLOW	N/A	WHITE/BLACK (coil) WHITE/YELLOW (coil) WHITE/PINK (coil link wire)
FROM COIL TO POINTS	WHITE BLACK	ORANGE GREY	GREEN (1&4) BLACK (2&3)	BLUE YELLOW	BLACK/WHITE BLACK/YELLOW BLACK/RED (triples)	BLACK/WHITE BLACK/YELLOW BLACK/RED (triples)
SAFETY RELAY WIRE	N/A	BLACK/WHITE	YELLOW/BLACK	N/A	N/A	N/A
ADVANCE/RETARD SENSOR	N/A	BLACK/WHITE RED/WHITE BLACK	N/a	N/A	N/A	N/A

NOTE: I left HARLEY out of this because they use a vastly different system to that of other manufacturers so it does not cross reference well.