

Fitting instructions for LED-LIGHT MK4 & 5

MK5 is the same as MK4 except there is no "HEADLIGHT ASSY." supplied.

The LEDLIGHT lighting system captures power from the ignition (CDI) charge coil(s). Because of this the voltage on the "GREY" wires will be the same as that at the CDI unit. (Between 100v & 500v approx). These voltages although high, have very little "current".

"Do not touch exposed connectors or wires with the engine running"

Installation Guide:-

Blue (pair) wires connect to "Brake light switch"(supplied).

Blue, Green & Yellow/Blue wires connect to the "Tail light".

Red/Black & Yellow wires connect to the "Head light".

Horn's Yellow joins to the **Yellow**.

Horn's Black goes via the "Horn button" (a KILL BUTTON) **Black**.

Black from the loom goes to the **Black/White**.

***GREY** wires go in line into the EXCITER coil. (see wiring diagram Fig.2).

****One GREY** wires is connected into a wire from the stator.

The other **GREY** is fitted to a good "engine/frame" EARTH. (see Fig.1).

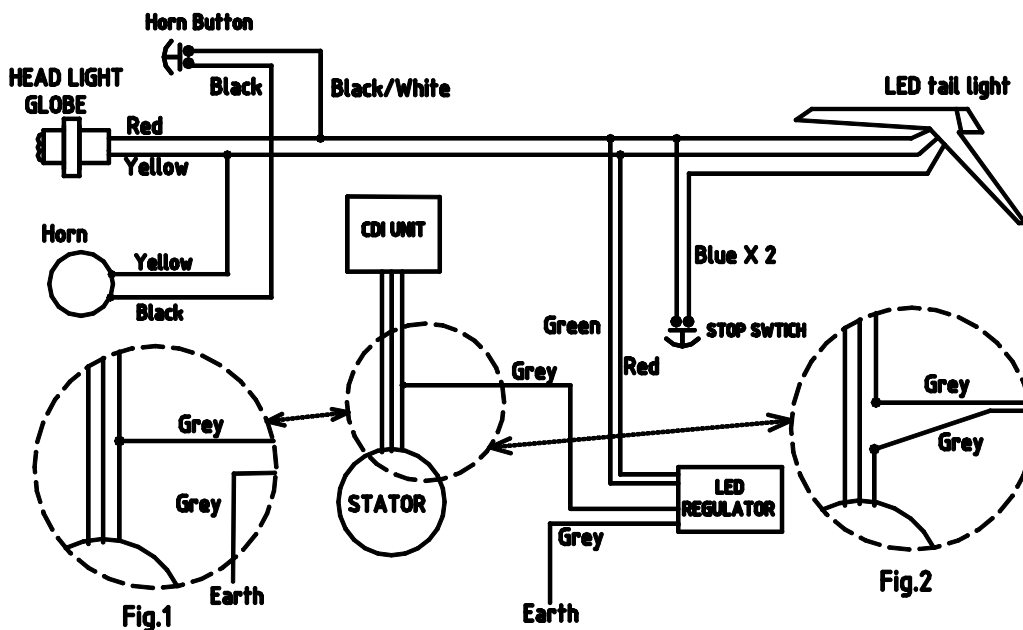
If globes are dull or engine wont / hard to start try both configurations.

Check the following page, for a lists of models and which wire to use:-

Tips: Mount the Horn (buzzer) to the rear of the head light top fairing.

The "Head light globe" has a spigot that can be ground off if required, when fitting it to a head light unit with a "XR" type globe, use silicon or bend the tags in to secure it.

After installation check all connectors and wire routes carefully as any short to earth will have the same effect as hitting the KILL switch.



Note:- Wire all as Fig.1 except as noted.

RMZ450 EFI models
REQUIRED !!!

D.C. KIT

Honda:-

Early POINTS magneto Won't work !
Early ROTOR type CDI Red (Good lights
above 1500 rpm).
CR80-RA '80 -> RC '82 Red as Fig.2
CR80-RD -> Current Black/red as Fig.2
CR85 -> White
CRF100 Black/red as Fig.2
CR125-RZ '79 -> RD '83 (rotor) Red (Good lights
above 1500 rpm).
CR125-RE '84 -> RF '85 White
CR125-RG -> RK '89 Brown
CR125-RL '90 -> RV '97 White
CR125-RW -> Current White
CRF150 Non Electric Start Black/red as Fig.2
CRF150R '08-> White
CRF150 Electric Start WONT WORK, we
SUPPLY special one.
CR250-R '78 -> CR250-RD '83 (Large flywheel) Not known ?
CR250-RE '84 -> RF '85 White
CR250-RG '86 -> RJ '88 Brown
CR250-RK '89 -> RS '95 White
CR250-RT '96 -> 2001 White
CR250-R? 2002-> WONT WORK, We SUPPLY
Special one.
CRF250 2004->2010 White
CR450 & 480 '81 -> '83 Not known ?
CRF450 2002-> White
CR500-RE '84 -> RF '85 White
CR500-RG '86 Brown
CR500-RH -> 2000 White
XR80/100 (CDI models) Black/red as Fig.2
CRF450 & 250 EFI models D.C. KIT REQUIRED !!!

Kawasaki:-

KX60-A1 '83 -> B9 '93 Black/red as Fig.2
KX60-B10 '94 -> Current model Black/red as Fig.2
KX80-A & B '79->80 (first models) White/Red (Good lights
above 1500 rpm).
KX80-C1 '81 -> M1 '88 Black/red as Fig.2
KX80-M3 '98 -> 85cc Current model Black/red
KX100-A1 '89 -> Current Black/red
KX125-A '74 -> E1 '86 (rotor type) Not known yet ?????
KX125-E2 '87 -> G1 '89 (small flywheel) Black/red as Fig.2
KX125-H1 '90 -> K3 '93 (digital type) Black/Red
KX125-K4 '97 -> Current Green
KX250 1974 -> A7 '81 (rotor type) White/Red
KX250 B1 '82 -> F1 '88 (small flywheel) Black/white as Fig.2
KX250-G1 '89 -> J2 '97 (digital) Black/Red
KX250-L1 '99 -> L3 '05 Red
KXF250 2003, ->10 Four Stroke Red/White
KX450D6F 2006-> Red/White
KX420 -> 450 (rotor type) White/Red
KX500-A '83 -> 85(large flywheel) Black/red as Fig.2
KX500-B2 '86 -> D1 '88 (small flywheel) Black/red as Fig.2
KX500-E1 '89 -> E12 '00 Black/red as Fig.2
KLX125 '03 Yellow/Red
KXF450 EFI models D.C. KIT REQUIRED !!!

Suzuki:-

All ROTOR types, all models. (not RM250-X)Black/Red(Good
lights
above1500rpm).
RM125-H 1987 -> P 1993 (radial type) Red/White
RM125-R 1994 -> current Red/White
RM250-H 1987 -> R 1994 (radial type) Red/White
RM250-S 1995 -> current Red/White
RM-Z250-K4 Four Stroke Black/Red
DRZ125 '03 Yellow/Red
RMZ250-K4-> Red/White
RM-Z450 Red/White

Yamaha:-

YZ50-G '80 -> J '82 (points) Won't work
YZ50-H '81 -> L '84 (flywheel) Brown as Fig.2
YZ80-A '73 -> D '77 (points) Won't work.
YZ80-E '78 (flywheel)
Brown as Fig.2
YZ80-F '79 -> J '82 (rotor type) Red
YZ80-L '84 -> M 'Current (small flywheel) Brown as
Fig.2
YZ85 Green/White
YZ100-D '77 -> L '84 (rotor type) Red
YZ125-X '75 -> S '86 (rotor type) Red
YZ125-T '87 (radial type) Brown
YZ125-U '88 -> W '89 Brown
YZ125A '90 -> G '95 (digital) Brown
YZ125H '96 -> 2001 current Green/White
YZ250-A '73 -> E '78 (hitachi) Brown as Fig.2
YZ250-F '79 -> L '84 (rotor type) Red
YZ250-N '85 -> T '87 (radial type) Brown
YZ250-U '88 -> W '89 Brown
YZ250A '90 -> G '95 (large flywheel) Brown as
Fig.2
YZ250H '96 -> Current (2-stroke) Green
YZ250FF '2004 FOUR STROKE. Pink
YZ360 '73 (magneto) Won't
work.
YZ360 '74 (Hitachi) Brown as Fig.2
YZ400-C '75 -> F '79 Brown as
Fig.2
YZ465-G '80 -> H '81 Brown as
Fig.2
YZ490-J '82 -> W '89 Brown as
Fig.2
YZ400, 426, 450 FOUR STROKE. Pink
PW50 all years Black/red as Fig.2
PW80 all years Not known yet (it may effect
timing)
TTR125 All years Black/red as Fig.2
TTR230 WONT WORK, We SUPPLY
special one.

Husaberg FE with no lighting.

Red
Husqvarna CR250 '03 Black/Red
KTM65 '07-> Green/White
KTM late MX's, Japanese ignition.
Red/White as Fig.2?
KTM450SX 2003 Red/White as Fig.2
KTM450SX '07-> Uses
"DC LED KIT" !
VOR, SEM ignition. Red

EFI MODELS require D.C. KITS.!