

## 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).

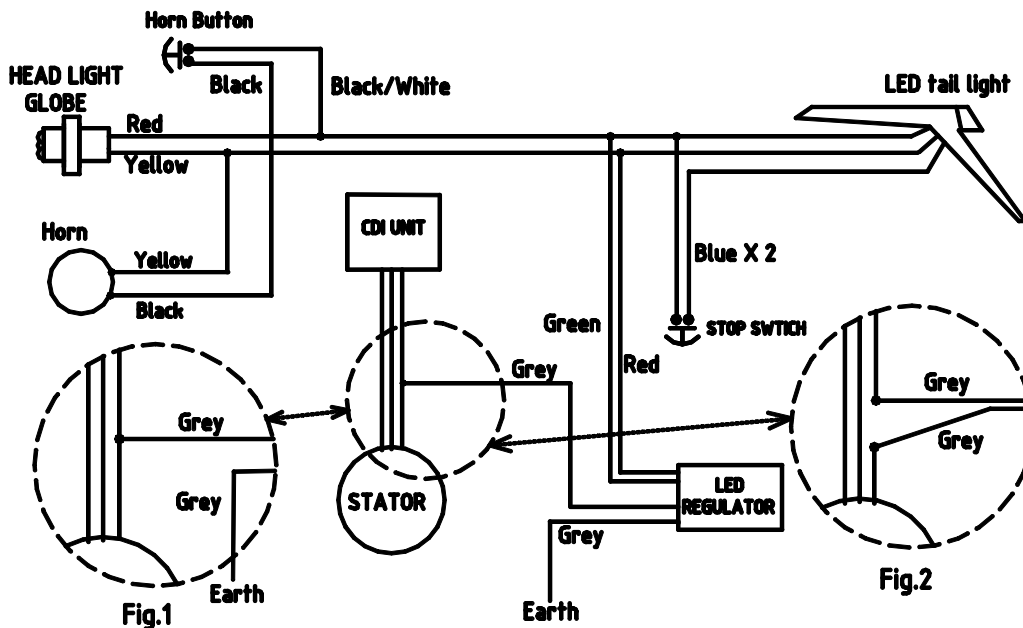
**If globes are dull or engine wont / hard to start try both configurations.**

*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.!**