

Fitting instructions for AC LED-LIGHT

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' Don't use 12v DC on AC kit!

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).

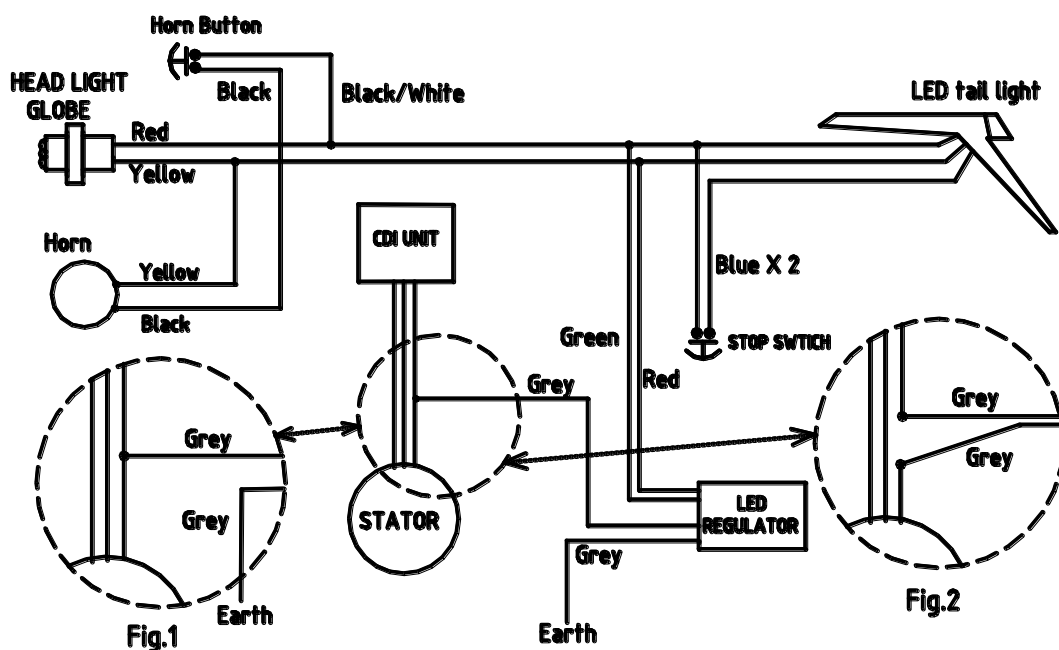
If globes are dull or engine wont / hard to start try both configurations.

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.

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	D.C. KIT REQUIRED !
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->	D.C. KIT REQUIRED !
CRF250 2004->2009	White
CRF250 2010 >	D.C. KIT REQUIRED !
CR450 & 480 '81 -> '83	Not known ?
CRF450 2002->2009	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 above1500 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 -> 1998	Green
KX125-L1 1999 ->	Red
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, ->11 Four Stroke	Red/White Fig.2
KX450D6F 2006->2008	Red/White or Red
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 as Fig 2
RM125-R 1994 -> current	Red/White as Fig 2
RM250-H 1987 -> R 1994 (radial type)	Red/White as Fig 2
RM250-S 1995 -> current	Red/White as Fig 2
RM-Z250-K4 Four Stroke	Black/Red
DRZ125 '03	Yellow/Red
RMZ250-K4->	Red/White as Fig 2

Suzuki:-

RM-Z450	Red/White
RMZ450 2008 -> EFI models	D.C. KIT REQUIRED !

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 or Green/White
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
<u>YZ400F, 426F, 450F -> 2009</u>	Pink
PW50 all years	Black/red as Fig.2
PW80 all years	Not known yet (it may effect timing)
TTR125	Black/red as Fig.2
TTR125 Electric Start	D.C. KIT REQUIRED !
TTR230	D.C. KIT REQUIRED !

Husaberg FE with no lighting.

Husqvarna CR250 '03	Red
KTM65 '07->	Black/Red
KTM late MX's, Japanese ingition.	Green/White
KTM450SX 2003	Red/White as Fig.2?
KTM450SX '07->	Red/White as Fig.2
VOR, SEM ignition.	D.C. KIT REQUIRED!
	Red

EFI MODELS require D.C. KITS.!