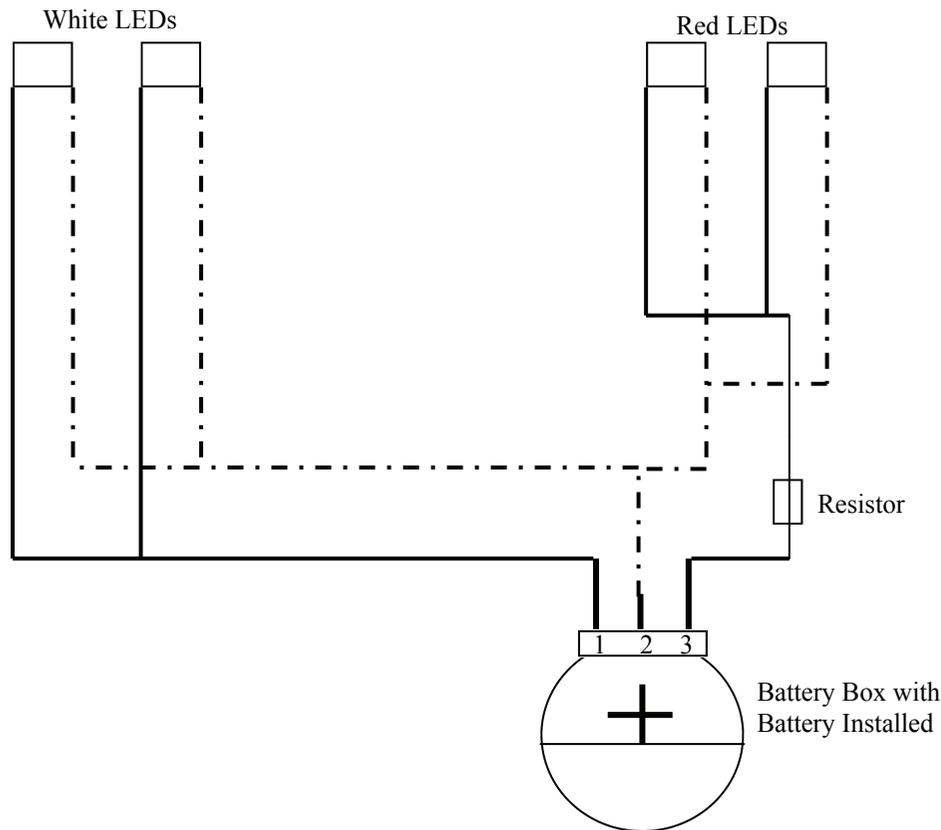


# GM385 Wiring Diagram



## Key to Wiring

Black Wires = —————

White Wires = - - - - -

## How to Wire Up Your Vehicle Lighting Unit

Face the battery box so that the + sign is on the top and face all of the terminals away from you. As per the drawing.

First solder the resistor on to the far right hand terminal on the battery box, I have called this terminal 3.

Connect all the white wires from both sets of LEDs to the centre terminal this will form your negative wires. I have called this terminal 2.

Here is where it gets a little more tricky. The reason that you cannot just connect all the black wires together is because the white LEDs work off 3v and the coloured LEDs work off 1.8v.

If you connect all the black wire together the white LEDs will draw all of the power away from the red LEDs.

Connect the black wires from the white LEDs to the far left terminal as this will form the positive for the white LEDs.

Lastly Connect the black wires from the red LEDs to the resistor, this will form the positive for the red LEDs.

## Warning

DO NOT connect the white LEDs to the Resistor and DO NOT connect the red LEDs without the resistor as they will pop.