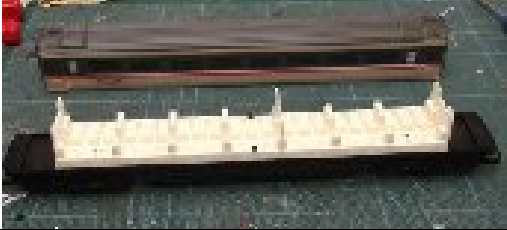

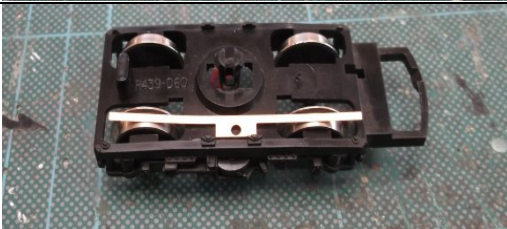



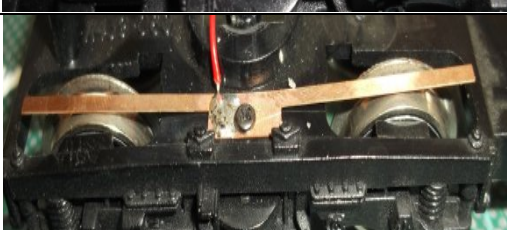


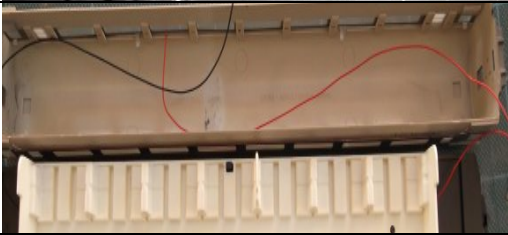
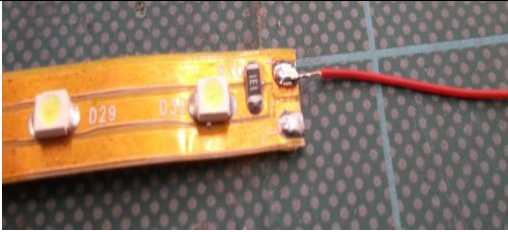




LAYOUTS4U

INSTALLATION GUIDE FOR 12v LED STRIP LIGHTING TO CARRIAGES – DCC or Analogue

	Remove the body of the coach
	Remove the bogies
	Align the bronze strip equally between the axles and mark the position of the hole to be drilled for the screw (1mm). Remove the axles.
	Apply a small amount of solder to the tab as shown here.
	Solder the red wire to one tab and the black wire to other tab.
	Screw the tab using the screw supplied (or if you prefer you can glue it but this may not be as permanent as a screw) to the bogie through the hole drilled previously.
	Refit the axles making sure they are aligned and spinning freely bearing in mind a small amount of friction will be noticeable.
	N.B. If the drag on the wheels is too high you can bend the tab at 90 degrees and have the tabs running on the flanges.

	Drill a small hole in the chassis and feed through the wires making sure they do not interfere with the movement of the bogie.
	Cut the wires to length according to the length of the LED strip
	Solder the red wire to the + side of the LED strip, and the black wire to the – side at the other end of the strip. The plus is either shown by a red mark or there will be a plus sign on the copper solder tag.
	Affix the LED strip centrally along the roof of the coach.
	Refit the seats, windows and roof to the coach, place on the track, turn on your power and see the effect.

You can if required cut the LED strip every 3 LEDs on the scissor marks for shorter coaches, so you can have a 12, 9, 6 or 3 LED strip.

If these lights are too bright for your purpose, insert one or two of the resistors included in the kit, in series to bring down the brightness.

Our coach lighting kits are available in White, Warm White or Amber.

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