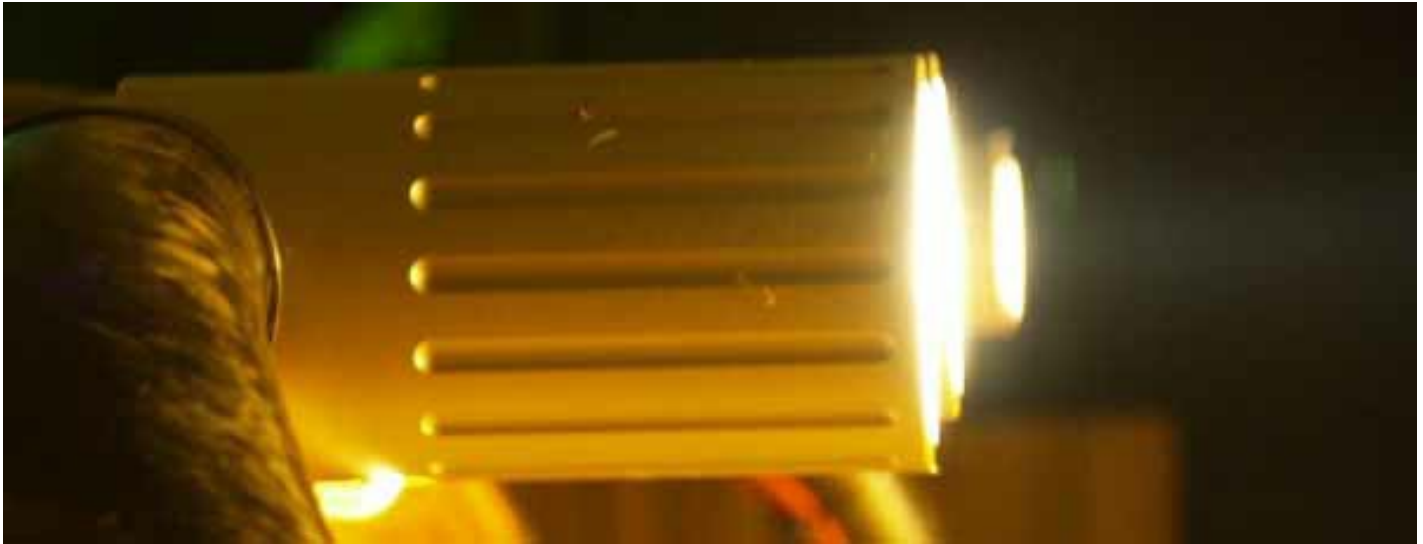




X-Eng is a division of
Foundry 4x4 Limited,
The Old Bakery,
Rear of Vale Terrace,
Tredegar, Gwent. NP22 4HT

X-Lite Fitting Instructions



Thank you for choosing to buy the original X-Eng X-Lite for all vehicles with external roll cages.

Fitting is pretty easy - and you probably won't need these instructions - but just in case! The instructions and quantities assume you have a 2 lamp kit.

This is the kit of parts you should have received. If any parts are missing - give us a ring and they will be in the next post.

- 2 x Light Housings
- 2 x Stainless Steel Circlips
- 2 x High Temperature Bulb Holders
- 2 x Stainless Steel Pins
- 2 x Bulbs
- 2 x Stainless Steel Pipe Clips



Step 1

Drop the stainless pin in to the bore of the lamp housing as shown.



Step 2

Open up the hose clip and squash it a bit. Thread the hose clip over the pin such that the ends of the clip poke through the housing.



Step 4

Wrap the open ends around the bar of your roll cage, re-close the clip and tighten around bar.



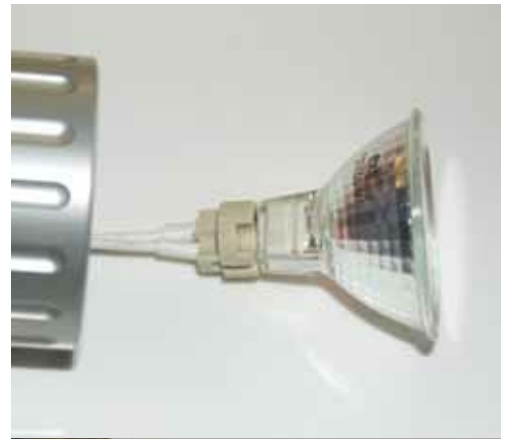
Step 5

Thread the wires of the bulb holder through the chamfered hole in the underside of the lamp housing.



Step 6

Connect bulb to bulb holder (it just pushes in to the two spring connectors).



Step 7

Using a pair of Circlip pliers, insert the stainless steel circlip gently into the bore. Just in front of the bulb, there is a tapered groove into which the circlip will expand. The taper causes the circlip to push against the bulb holding it secure. If the bulb rattles, the circlip is not properly seated.



Step 8

You can now fully tighten the hose clip around your cage securing the X-Lite in position.



Step 9

If there is a long tail sticking out of the hose clip, it might be worth trimming it with a pair of metal shears at this stage - up to you!

You can now wire up the X-Lite.



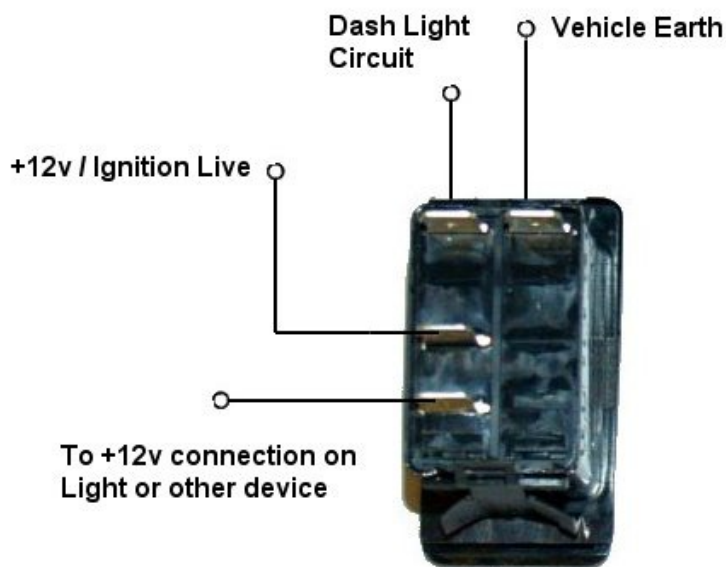
Each X-Lite will draw a current of about 5 Amps (10 Amp for 2, 20 Amp for 4....you get the idea).

Make sure the wire you use is up to the job.

There are two wires coming out of the X-Lite. You will need to connect one of these (It does not matter which one) to the negative of the battery or to the chassis / bodywork. And the other via a switch or relay to the positive battery terminal.

Please note that if you connect the lights to your headlight main beam we recommend you use a relay and a separate fuse in line.

You must also connect the lights via an isolating switch such that main beam can be used without the X-Lites illuminating. This is a legal requirement in many countries so don't say you have not been warned!



We now stock high quality Carling Contura switches (Above Left) for our X-Lites which include an X-Lite decal.

If you have purchased X-Lite switches, the diagram (Left) shows how they should be wired.

Using a Carling SPST Switch to control a Light