

# LUCAS L133 AUSTIN EIGHT HEAD LIGHTS

## AUSTIN 8 SALOONS AND TOURERS

The original head lights on the Austin Eight saloons and tourers were Lucas L133, with 90 degrees mounting to the radiator shell.

Pre war cars had spray-painted shells same as the body colour, post-war cars were provided with chromed head light shells. The rims were chrome plated both pre-war and post-war.

**The specifications are as follows:**

- Lucas L133 6 ½"
- 90 degrees connection to radiator shell.
- Lucas U-type lens 6 ½"
- 6V head light bulb
- High beam activated on one head light only by magnetic operation to higher the inner reflector.
- Lower shell mounting opening in width direction of the car.



*Example of an original Lucas L133 pre-war head light.*

## AUSTIN 8 SALOONS AND TOURERS HEAD LIGHT RIM CONNECTION

The original rims had a connection bracket mounted to the rim. There were also rims which did not have those connection and had a bottom connection hole in the rim. These rims were also used on motorcycles.



*Most common head light rims had a mounting bracket.*



*Some head light rims were of a type with a bottom hole, which needed different mounting materials like the catching bracket as shown in the image above.*



## AUSTIN 8 VAN

The original head lights on the Austin Eight vans were Lucas L133, with a 180 degrees mounting connection to the front fenders.

Both pre war cars and post war cars had a spray painted shells same as body colour. The rims were chrome plated both pre-war and post-war.

**The specifications are as follows:**

- Lucas L133 6 ½"
- 180 degrees connection to front fenders.
- Lucas U-type lens 6 ½"
- 6V head light bulb
- Lower shell mounting opening in length direction of the car.



*Example of an original Lucas L133 Austin van head light.*

## AUSTIN 8 Van RIM CONNECTION

The original rims of a van with a bottom connection hole in the rim. These rims were also used on motorcycles. The shells have a mounting opening in length direction of the car where other shells had the mounting holed in the width direction of the car.



## AUSTIN 8 MILITARY TOURER BLACK OUTS

The original head lights on the Austin Eight Military tourers were Lucas L133, with a 90 degrees connection to the radiator shell.

Some cars had two head light, others only one and some cars were provided with black outs.

**The specifications are as follows:**

- Lucas L133 6 ½"
- 90 degrees connection to radiator shell.
- Lucas U-type lens 6 ½" or black outs.
- 6V head light bulb



*Example of an original Lucas L133 head light with black out mounted with clip.*

## AUSTIN 8 MILITARY TOURER RIM CONNECTION

The head lights without black outs had the same rim connections as the saloons and tourers.

The original black outs had a bottom connection hole in the rim. These rims including black outs were also used on motorcycles.



*Connection with brackets.*



*Connection with connection clip, same as seen on motorcycles.*



## LUCAS 700 CONVERSION KITS.

Many cars were given a Lucas 700 conversion in the 1950's and 1960's. The conversions rims used were conversions rims from 6 ½" to 7" This made Lucas 700 reflectors fit in the 6 ½" original shells. The Lucas 700 reflectors were used on many cars and are available in all sorts and types. The original 6 ½" reflectors, rims and glasses are hard to find and conversion sets from 6 ½" to 7" are also not reproduced and only available second hand or as old stock items. This doesn't make it easy at all to complete a set of head lights on the Austin Eight in case the lights are not complete or need new reflectors.



*Example of a Lucas L133 pre-war head light with Lucas 700 conversion kit. The rim on the head light converts from 6 ½" to 7" Which make most Lucas 700 head light insert kits suitable to fit.*

## ORIGINAL HEAD LIGHTS 6 ½" WITH U-TYPE GLASS



*Original head lights 6 ½ inch with internal magnetic high beam still installed.*

## ALTERNATIVES WITH ORIGINAL 6 ½ HEAD LIGHTS SHELLS AND RIMS.



*WIPAG 6 ½ inch reflector inserts NOS hard to find.*



*LUCAS reproduction or NOS 6 ½ motorcycle reflector inserts. Available on the market.*



**A8R Reflector kit with loose reflectors and loose glasses with H4 12V or 6V Halogen**



**A8R Reflector kit with new reflector and re-use of original glass with H4 12V or 6V Halogen**

## A8R NOS REFLECTOR KIT FOR ORIGINAL LIGHTS AND RIMS.

The Austin 8 Register has a limited stock of reflector kits available for the original 6 ½" head lights with re-use of the original U-Type glasses. This kit is a good fit for head lamps still having their original head light U-Type glasses. It is possible to use the kit with alternative glasses, to be ordered additionally, the delivered head light seal might have to be adjusted for that. The basic kit exists off:

- 2 x Head light reflector 6 ½"
- 2 x Bulb H4 12 Volt Halogen, (H4 6V 30/35W available against additional price)
- 2 x Rubber seal 6 ½"
- 2 x Bulb fitting and wiring.

**Price Euro 60,00 per set**

- 2 x Glasses 6 ½"

**Additional price Euro 15,00 per set (please read the remarks on next page)**

- 2 x Bulb H4 6V 30/35W Halogen

**Additional price Euro 15,00 per set**

*(\* Prices mentioned are excluding shipment, local taxes, and custom duties.*



***A8R NOS reflector kit Austin 8 reflector kit. (Glasses to be ordered additional)***

**Option 01 Mounting kit with Reflector and Halogen H4 bulbs with use of original U-Type glasses:**

The reflector will fit verry nice with the original U-type glasses, using the rubber seal and original clips to hold the rim and reflector together at ones in the rim. Then the unit with the rim can be placed back in the original shell. No changes needed.





**Option 02 Mounting kit with Reflector, Halogen H4 bulbs with use of additional ordered glasses:**

I tried to mount the glasses which can be ordered with the kit additional and see the following possibility to make them fit.

1. Do not use the grey rubber seal.
2. Place the reflector directly on the glass.
3. Seal the outer ring of glass and reflector with silicone sealant. (You best first try to fit the glass and reflector without silicone sealant as well, to check the fit first).
4. Let the silicone dry and the glass and reflector are now some sort of sealed beam glass and reflector.
5. To make the glass fit the inner upper lip of the rim should be cut. Not the part which fixes the shell of course.... (You could check this fit first with the glass only of course).
6. Place the self-made sealed beam into the rim, without using the mounting clips.
7. When assembling the rim back to the shell. The unit will set itself in place.

This is the possibility I see to use the optional ordered glasses and reflector. The glasses are a tight fit.....

I just want to make sure that some work has to be done to make this option fit. It's not perfect but better than what I have seen done by others. See below how it looks ones mounted.

**There is a small gap on the lower section as you can see.**





## **Price list**

Below is what options are available.

### **Items:**

Item	Description	Euro
01	Reflector set with 12 V Halogen lamps (set of two reflectors and 2 lamps)	75,00
02	Lamps 6V 35W/35W Halogen set of 2	15,00
03	Glasses set of 2	15,00

### **SHIPMENT OPTIONS TO UK - Europe:**

Option	Description	Euro
01	Standard economy shipment without track and trace, up to 2 kg, not insured not signed for	12,00
02	Shipment with track and trace, up to 2 kg, not insured not signed for	18,50
03	Shipment with track and trace, up to 2 kg, insured up to Euro 100, signed for	21,00
04	Shipment with track and trace, up to 2 kg, insured up to Euro 500, signed for	24,00

### **ESTIMATED SHIPMENT OPTIONS TO Rest of the world:**

Option	Description	Euro
01	Standard economy shipment without track and trace, up to 2 kg, not insured not signed for	25,00
02	Shipment with track and trace, up to 2 kg, not insured not signed for	30,00
03	Shipment with track and trace, up to 2 kg, insured up to Euro 100, signed for	32,00
04	Shipment with track and trace, up to 2 kg, insured up to Euro 500, signed for	35,00

*Shipment option 01, 02, I am able to send the parcel mentioning a "gift" value mentioning Euro 30,00, you will not pay local taxes and duties if I am informed well.*

*For Option 03 and 04, the parcel will be insured, so you probably have to pay local taxes and duties on top, because I have to state the insured value.*

*If you chose shipment option 01 or 02: Shipments lost in transit is for the risk of the buyer. Lost in transit items will be notified by the Dutch Royal Mail and will be dealt with based on their terms and conditions, which are not great.*

*In case you chose option 03 or 04 the shipment and items are insured.*

*For parcels above 2 KG, I have to calculate and quote actual costs to you.*

*It is always good to check if above shipment rates are still valid, these are based on the 2021 rates.*