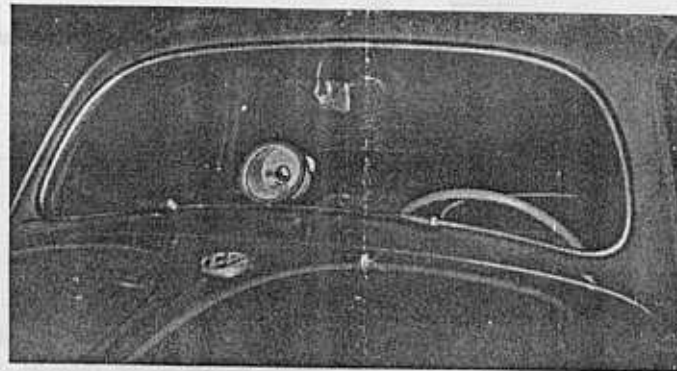


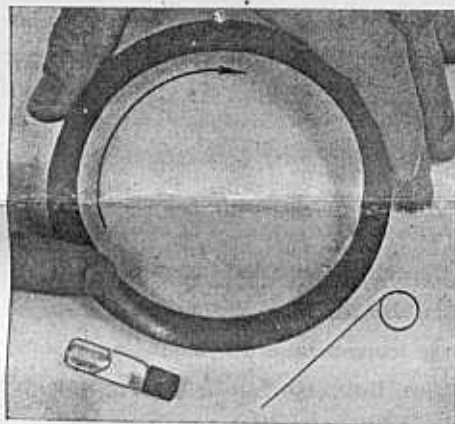
# DIRECTIONS FOR MOUNTING AND USE!

The new type of our suction rings with levers is suitable for the attachment to all windshields. It is of no importance if the windshields have straight or curved forms.

## WHERE TO MOUNT



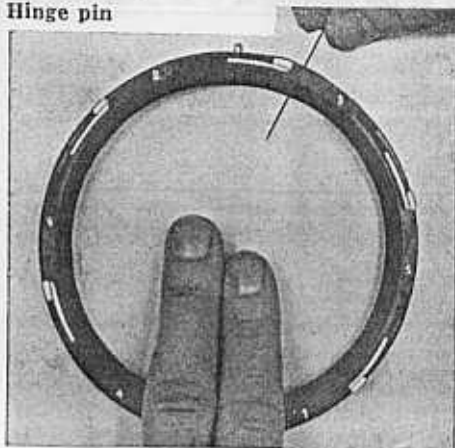
**HELPHOS**  
THE EYE OF THE CAR  
**THE SEARCHLIGHT  
BEHIND THE WINDSHIELD**



Glycerine

Ventilating strip

Hinge pin



## A. Suction Ring

Mount the searchlight directly above the bottom edge of the windshield or as low as possible to allow full play.

First clean the windshield where the suction ring is to be mounted. Distribute one drop of glycerine from the enclosed bottle by circling the index finger over the rubber ring about ten times until it is completely uniformly coated and glutinous. Do not use too much glycerine to avoid slipping of the suction ring. (Fig. II).

Fig. II.

Take hold of the suction ring with the hinge pin on top.

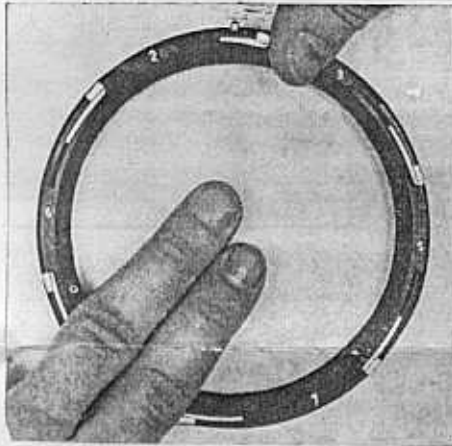
Place the suction ring against the cleaned surface of the windshield with the ventilating strip between rubber ring and windshield.

Ventilating strip is enclosed.

Put the fingers of the left hand on the middle of the glass pane of the suction ring and press hard against the windshield.

Do not press on the metal ring.

Fig. III.



Extract the ventilating strip, but continue pressing on the glass pane until the levers are pressed down according to the order 1—6.

Mounting of the suction ring:  
Press down the levers.

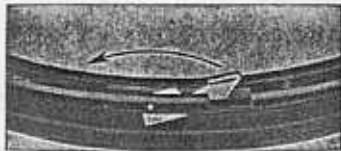


(Fig. IVa)

The suction ring is now firmly attached since by pressing down the levers the suction plate was lifted off the windshield thereby creating a vacuum.

A uniformly broad ring should now be visible from outside.

Fig. IV.

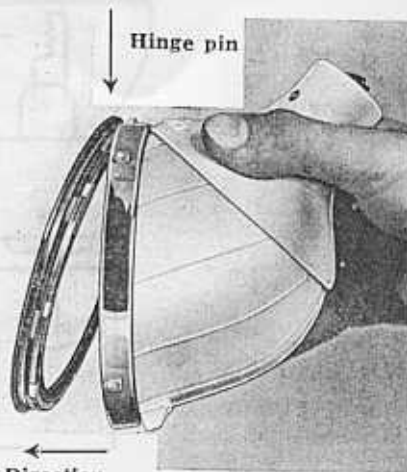


#### Removal of the suction ring.

Lift the levers. Compress the two metal rings together.

When remounting take care that the two metal rings are firmly compressed.

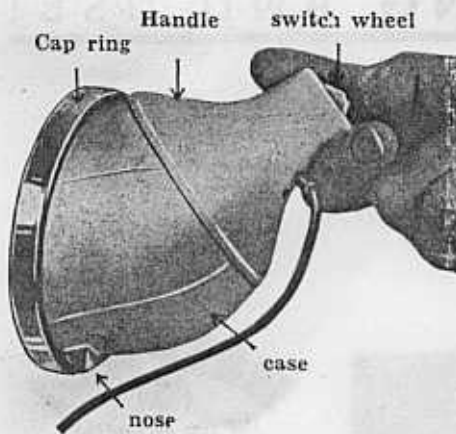
Fig. V.



## B. Searchlight (to use as handlamp)

To place the lamp on the suction ring insert hinge pin into the hole on the chromium ring and press the lamp against the ring until it snaps into position.

Fig. VI.



## B. Searchlight (handlamp)

Normal position (left hand illustration).

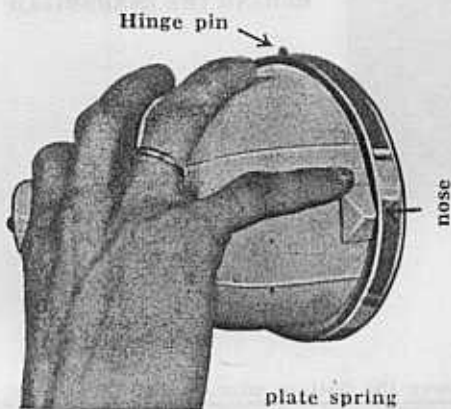
Nose of case downwards, handle upwards.

After use put the searchlight in the normal position to facilitate quick handling.

Flashes: By repeated pressure on the rotary switch.

Continuous lighting: By rolling the switch upwards.

Fig. VII.



Small radius:

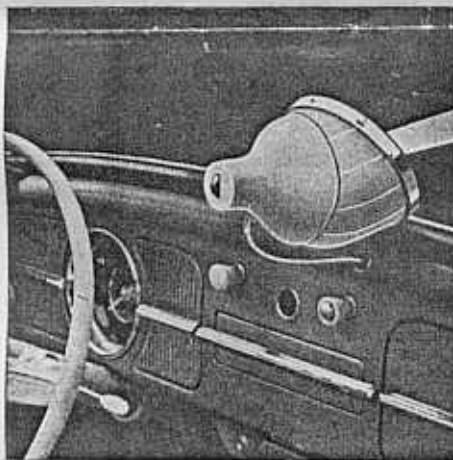
From the normal position (Fig. VII) direct the beam to the point to be illuminated by means of the handle only.

Large radius: The nose of the case indicates the direction of maximum radius while the handle points away from the nose. Therefore turn the case in such a way that the nose points in the desired direction (Fig. VIII).

Any re-adjustment is now made with the handle only.

If the slewing range is still insufficient the searchlight can be removed as per Fig. X thus offering an unlimited lighting range.

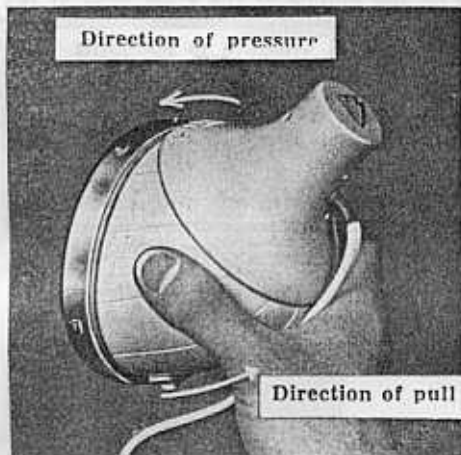
Fig. VIII.



Pull the connecting cable through the cable sleeve and fasten it to pin 58 and earth (9 mm borehole in the dashboard under the mounted searchlight). The cable will roll up in large loops behind the dashboard. When the searchlight is used as a handlamp the cable can be pulled through without difficulty and can be pushed back after use.

The correct ready-for-use position of the searchlight is as illustrated in Fig. IX.

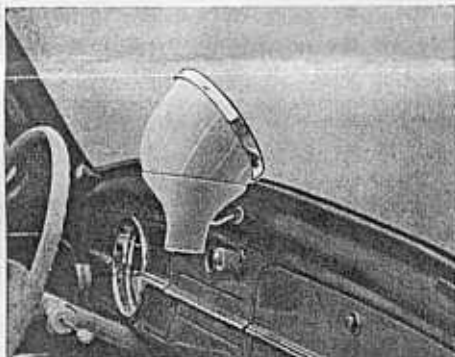
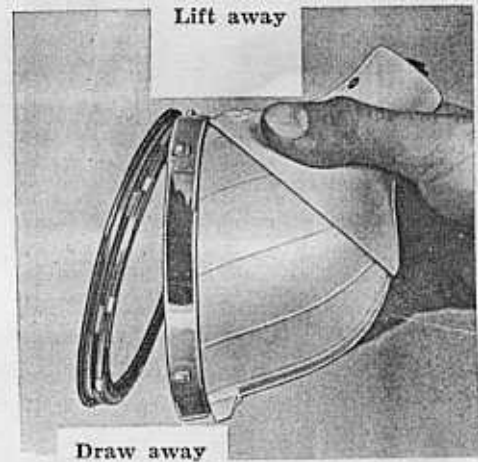
Fig. IX.



Removal of the searchlight for use as a handlamp.

Draw away the searchlight from the suction ring and lift it from the hinge pin.

Fig. X.



Position by day (when not in use).

Nose of the case upwards handle downwards.

**Changing the bulb!**

a) Taking it out:

Turn the bulb to the left as far as possible and take it out.

b) Inserting:

Insert the bulb into the mounting and turn it completely to the right. By turning it to the left try out at which of its notch adjustments it will give the best spot lighting.

Only use the special bulbs supplied by us. They are the only ones give the proper lighting effect due to their screened top.

Any dazzling effect is eliminated outside the beam.

The reflector and glass pane of the suction ring should be cleaned occasionally with a cloth. Take care not to interfere with the adjustment of the bulb.

Patented in: Great Britain, United States, France, Germany, Austria, Holland, Sweden, Norway.

