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LUMINOUS PROTECTOR FOR CAR DOOR LOCKS

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1 Claim. (Cl. 70—452)

This invention relates generally to automobiles and particularly to a luminous protector for car door locks.

The main object of this invention is to provide an exceedingly simple and efficient form of luminous protector for car door locks whereby the lock may be easily located and by means of which the lock mechanism will be protected against water and dust.

I accomplish these and other objects in the manner set forth in the following specification as illustrated in the accompanying drawings, in which:

Fig. 1 is an elevation of the device showing it in place on a fragment of a car door.

Fig. 2 is a section taken along the line 2—2 in Fig. 1.

Fig. 3 is a view showing the protecting facing being removed from the adhesive facing.

Fig. 4 is a section showing how the protector can adapt itself to a curved surface.

Fig. 5 is a sectional perspective view showing a modified form of the device using inwardly projecting tabs adapted to engage the head of the lock body.

Like numbers of reference refer to the same or similar parts throughout the several views.

Referring in detail to the drawing, there is shown the door 10 in which is mounted the lock body 11 whose flange 12 engages the outer side of the door 10. This construction with slight modifications is common on nearly all car doors.

Mounted on the door 10 by means of an adhesive 13 is a hollow back escutcheon plate 14 of luminous plastic having a counter-bored opening 15 concentric with the lock body 11.

Within the flange 14 of the lock 11 is formed a recess 16 into which is inserted the slightly tapered self-locking sleeve 17 having an outwardly extending flange 18 which may be integral with the sleeve 17 or a separate metal washer, as shown.

Inserted into the opening 15 is a flexible rubber cap 19 which fits snugly into the opening 15 and has an undercut groove 20 which receives the flange 18.

In the center of the cap 19 is a key slit 21 which is normally closed by the flexible lip 22 which can be moved to one side when it is desired to insert the key 23, shown in dotted lines in Fig. 2.

To apply the device, it is only necessary to assemble the parts and place them in position. Pressing on the outside of the plate 14 will force the sleeve 17 into the hole 16 until the adhesive surface 13 contacts with and adheres to the door 10.

It can be seen that the lock will be effectively protected against moisture and dirt and at the same time the keyhole is easily located in the dark.

In Fig. 5 is shown a modified form of escutcheon plate 14-A having inturned tabs 25 which are held by the flange 12. With this form of the device an adhesive or other form of seal may be employed between the plate 14-A and body 10. When a non-drying adhesive is used, a paper cover 26 is provided. This is removed when the protector is installed.

I claim:

A protector for car door locks comprising a hollow backed escutcheon plate of luminous material having inturned tabs extending inwardly along the plane of its hollow side and terminating in a central opening adapted to receive the body of a car door lock, and a rubber insert in the front of said plate having a key slit formed therein, said key slit being in alignment with the key slot of said lock.

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