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## EXTENSION OF THE SELECTOR SWITCH BY AN ACCESSORY PART

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## EXTENSION OF THE SELECTOR SWITCH BY AN ACCESSORY PART

### Technical task:

In future car models with automatic transmissions; the selector lever will often no longer be a conventional lever, but merely a small "selector switch" directly on the centre tunnel.

### Initial situation:

The switch at the bottom of the seat allows the driver to reach into the void if he wants to put his hand on the selector/gear lever. This leads to ergonomic problems due to the inclined seating position, and the driving experience may also be perceived as unpleasant. The omission of the selector lever means that a component is missing to which drivers have become accustomed over the past decades.

### Solution:

The core of this idea is to offer an extension of the selector switch which is attached to the original part by means of a clamp, i.e. can be easily mounted without tools. In addition, the customer can choose from a selection of "gearshift knobs", making the product customizable.

The idea is that the extension essentially consists of two components. On the one hand, the actual lever (divided lengthwise in two parts), which has the holder for the selector switch on the lower part and a thread on the upper end. The second main part, the gear knob, is screwed into this thread. By screwing in the knob, the two parts of the lever are spread at the top and simultaneously clamp the selector switch at the bottom (see arrows). This creates a strong and non-destructive connection.

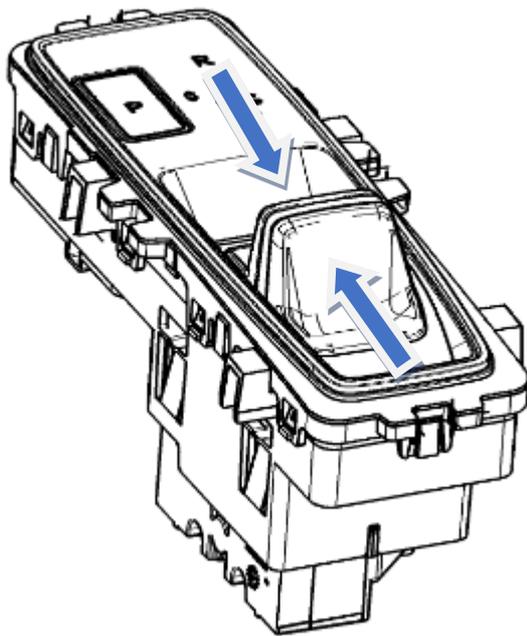


Figure 1

### Advantages:

- Maintaining customer satisfaction
- Easy technical implementation and retrofitting in the aftermarket