ATTACHMENT OF A FLAG POLE TO THE VEHICLE

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ATTACHMENT OF A FLAG POLE TO THE VEHICLE WITH A CONNECTION TO THE FENDER BENCH IN-STEAD OF THE FENDER PANEL (OUTSIDE)

**Technical task:**
The task of the technical innovation is to provide a base of flag holder fasteners through a common-part concept, which fundamentally need not be changed for different models.

**Initial situation:**
So far, the flag holder, also called standard holder, was specifically developed and manufactured for individual vehicles, with a high variance and several new parts per project arise. The attachment was previously directly on the fender panel. This type of connection to the vehicle, an adaptation of at least three components per vehicle side was necessary for each vehicle model (see pictorial representation). So far, a specific reinforcement plate was required for each new project, which was adapted via an embossing tool to the strake of the fender, also an EPDM injection mold for the molded seal was made and a new Absteckteil developed, which has included the appropriate angle adjustment.

**Solution:**
The technical innovation provides for attachment of the flag holder on the fender bench in conjunction with another attachment method.

In the two pictures shown below, the before-and-after status is shown in an exploded view. The red colored components have to be adapted to the specific vehicle depending on the design of the outer skin and body shape.

Selecting the attachment of the flag holder regardless of the mudguard sheet, allows a much larger common parts concept. This leads to lower production costs, storage costs and the spare parts supply benefits from such a concept. These 3 components to be adapted each have been replaced by a new component in the new concept. See pictorial representation.

**Possible application:**
- For all vehicles equipped with flagpoles.