

Technical Disclosure Commons

Defensive Publications Series

April 09, 2018

Integrated rescue data sheet accessible

Daniel Hoppe

Bertrandt Ingenieurbüro GmbH

Follow this and additional works at: https://www.tdcommons.org/dpubs_series

Recommended Citation

Hoppe, Daniel, "Integrated rescue data sheet accessible", Technical Disclosure Commons, (April 09, 2018)
https://www.tdcommons.org/dpubs_series/1136



This work is licensed under a [Creative Commons Attribution 4.0 License](https://creativecommons.org/licenses/by/4.0/).

This Article is brought to you for free and open access by Technical Disclosure Commons. It has been accepted for inclusion in Defensive Publications Series by an authorized administrator of Technical Disclosure Commons.

INTEGRATED RESCUE DATA SHEET ACCESSIBLE FROM THE OUTSIDE

Technical task:

The task of the technical innovation is to provide emergency services with standardized access to information on vehicle safety systems and hazard areas.

Initial situation:

Rescue data sheets are provided for the rescue of people from accident vehicles, in order to support the emergency services at the site with all relevant information on rescue work on the vehicle, see Figure 1.

Due to the increasing construction of pyrotechnic components and High-voltage components and cables in the vehicle, these rescue data sheets gain in importance.

In Central Europe, most rescue services have a catalog of Rescue data sheets. There are already first concepts for digital solutions. However, vehicle users rarely bring along a rescue datasheet in their vehicle. Suitable and defined storage spaces are currently not realized.

Solution:

The rescue data sheet is housed in a standardized location on the vehicle accessible from the outside and can be achieved by a standardized process easily, quickly and safely by the rescue workers.

A good place to install the rescue data sheet is in the door between the pane and the outer panel, because the data sheet does not have to be folded or rolled here. In order to reach it and pull it out, the following implementation is proposed:

The rescue worker must first remove the outer window shaft seal, see Figures 1 and 2. Since this is usually plugged in, this can be achieved by using a simple tool, e.g. of a screwdriver, slightly upwards. Thus only a conspicuously colored flag becomes visible, which is attached to the rescue data sheet and is big enough that it is also when wearing

Work gloves can be used well, see Figure 2.

The visibility of the flag with window sash mounted may e.g. be prevented that it is trapped between the door panel and window shaft seal and can only be erected with the window shaft seal removed.

With the flag, the rescuer pulls the rescue data sheet upwards, see Figure 3.

Further embodiment:

In addition to the placement between the disc and the outer panel, it is also conceivable to roll the rescue data sheet rolled up or folded in other places in the door or other body parts. For example, even after knocking off the door handle or the exterior mirror, a conspicuously colored flag could appear, with which the rolled or folded data sheet can be pulled out of the vehicle. Here it should be ensured that door handle or mirrors do not accidentally break off, but only be deinstalled by a large force from a certain direction. In this case, however, more space would be required for the rolled or folded rescue data sheet than in the preferred place of installation between the pane and the outer door panel.

ensured that door handle or mirrors do not accidentally break off, but only be deinstalled by a large force from a certain direction. In this case, however, more space would be required for the rolled or folded rescue data sheet than in the preferred place of installation between the pane and the outer door panel.

Advantages:

- Even with the increasing installation of pyrotechnic components and high-voltage components and cables in the vehicle, accident victims worldwide can be quickly and safely recovered from an accident vehicle.

Possible application:

- For all cars.

Technische Neuerung

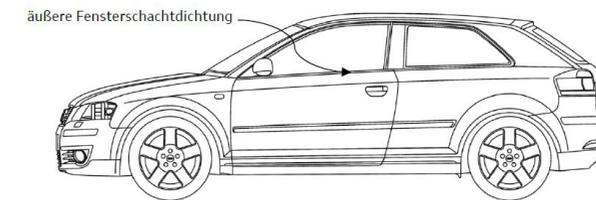


Abbildung 1: Äußere Fensterschachtdichtung

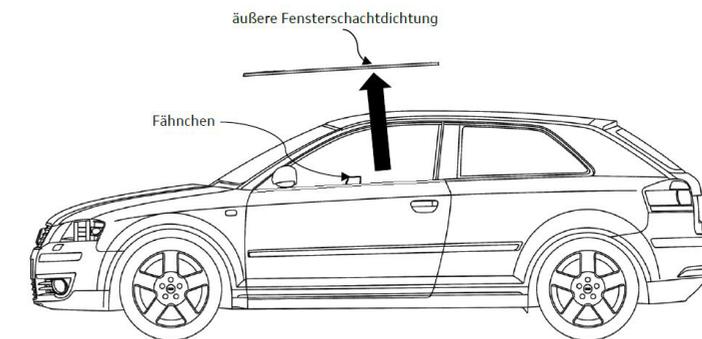


Abbildung 2: Äußere Fensterschachtdichtung entfernt

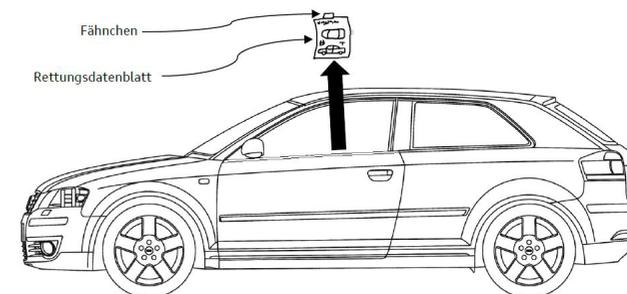


Abbildung 3: Rettungsdatenblatt entnommen