

# VEC Implementation Guidelines

## Abstract

The VDA recommendation 4968 “Vehicle Electric Container (VEC)” defines an information model, a data dictionary, and an XML schema derived from and compliant to the model.

The intention of the model was to cover a wide range of use cases and application scenarios. For this reason the specification had to be kept generic in some degree and in some aspects. However, for specific scenarios and / or use cases a more detailed description on “how the different pieces fit together” is possible.

To avoid dialects in the different VEC implementations, further guidelines or recommendations are necessary. This collection of implementation guidelines contributes to the unambiguous interpretation of the VEC standard. For various wiring harness definition or electrical system aspects and scenarios the correct instantiation is shown and specific hints for correct usage are given.

## Contributing and Proposals

If you find any bugs in the implementation guidelines or if you have a request for specific topic, or if you would like to contribute your own tutorials please drop us an issue on the [PROSTEP JIRA](#). If you don't have an account there yet, see [How To Contribute](#) for the procedure to get one.

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## Change History

The following table contains all pages in the implementation guide, sorted descending by last change. Please ignore the indentation of page names, it is without meaning in this table.

Title	Created	Modified	Tags
<a href="#">System Schematic Basics</a>	2019/04/01 11:37	2019/04/05 16:49	<a href="#">V1.1.3</a> , unpublished
<a href="#">Defining and Working with Partial Systems</a>	2019/03/25 11:24	2019/04/05 16:29	<a href="#">V1.1.3</a> , unpublished
<a href="#">Packaging</a>	2019/03/07 17:42	2019/03/11 11:21	<a href="#">V1.1.3</a> , packaging
<a href="#">Connectivity</a>	2019/03/07 17:36	2019/03/07 17:37	<a href="#">V1.1.3</a> , connectivity
<a href="#">System Schematic</a>	2019/03/07 17:03	2019/03/07 17:33	<a href="#">V1.1.3</a> , system schematics
<a href="#">Topology</a>	2019/03/07 16:54	2019/03/07 16:56	<a href="#">V1.1.3</a> , topology, geometry
<a href="#">Composite Parts / Harnesses</a>	2019/03/07 16:48	2019/03/07 16:50	<a href="#">V1.1.3</a> , composite parts
<a href="#">Pinning</a>	2018/11/29 13:02	2019/03/07 16:47	<a href="#">V1.1.3</a> , eecomponents
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