# VEC 1.4 Tutorials

## Examples for the proper use of the VEC Model

### 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 have to be kept generic in some degree.

To avoid dialects in VEC implementations further guidelines or recommendations are necessary. This document contributes to the unambiguous interpretation of the VEC standard. For various wiring harness definition or electrical system aspects the correct instantion is shown.

### Change History

| Version | VEC Version | Date | Author | Description |
|---|---|---|---|---|
| 1.0 | 1.0.5 | 05.04.2013 | Johannes Becker | First release; Compliant to VEC model V1.0.5 |
| 1.1 | 1.1.0 | 29.07.2014 | Johannes Becker | Adapted Tutorials to VEC Version V1.1.0 |
| 1.2 | 1.1.0 | 05.08.2014 | Johannes Becker | Added the Tutorials 3.5 Connectors and 3.7 Accessories |
| 1.3 | 1.1.0 | 29.10.2014 | Johannes Becker | Adapted the Tutorials for the new placement definition in VEC 1.1.<br>Added Tutorials 3.8 Grommets with Placement and 3.9 Channels and extended the example 3.5 Connectors for connectors with multiple segment connection points. Added Tutorial 1.3 Physical Properties |
| 1.4 | 1.1.2 | 12.05.2016 | Johannes Becker | Added or extended multiple requested tutorials:<br>3.5 Connectors<br>3.6 ECUs and EE Components<br>3.7 Pinning<br>3.11 Fixings<br>4.1 Placements<br>For detailed release notes, please see ProSTEP JIRA |

### Table of content

The documentation of the specific areas and topics can be found in the following pages.

*Note: The diagrams support navigation to the corresponding class descriptions by clicking on the shape of a class.*