Polarion VARIANTS

The Integrated Variants Management powered by pure::variants

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Variants Management

- Manage the diversity of product variants
- From early stage (Requirements), through development (Model, Code) to release (Testing)

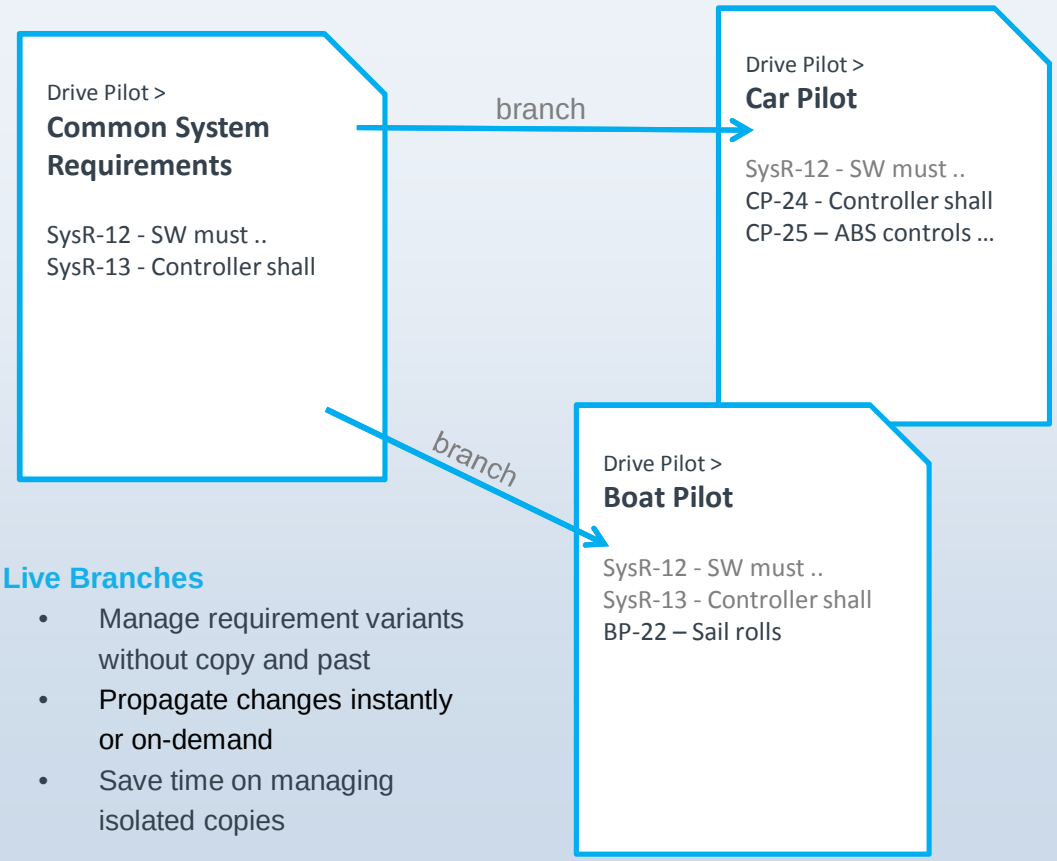
Share & Reuse

Manage Change

Scale

POLARION

Share and Change



Live Branches

- Manage requirement variants without copy and past
- Propagate changes instantly or on-demand
- Save time on managing isolated copies

Car Pilot Backlog

CP1- Check Manual Transition

CP2- Ignition Mode

Boat Pilot Backlog

CP2- Sail Lock control

Product Variant Backlogs describe the actual increments / “changes” specific to the product variant / model.

Scale

- Exponential complexity
  - Number of Variants
  - Number of Releases
- Changes become not shared
- Impossible to introduce new Variants

pure-systems is the leading provider of software product line and variant management engineering tools and solutions.

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Polarion VARIANTS

- New addition to Polarion ALM product family.
- Licensed separately as an Add-on

- Based on pure::variants Technology
- Native Integration into Polarion User Interface

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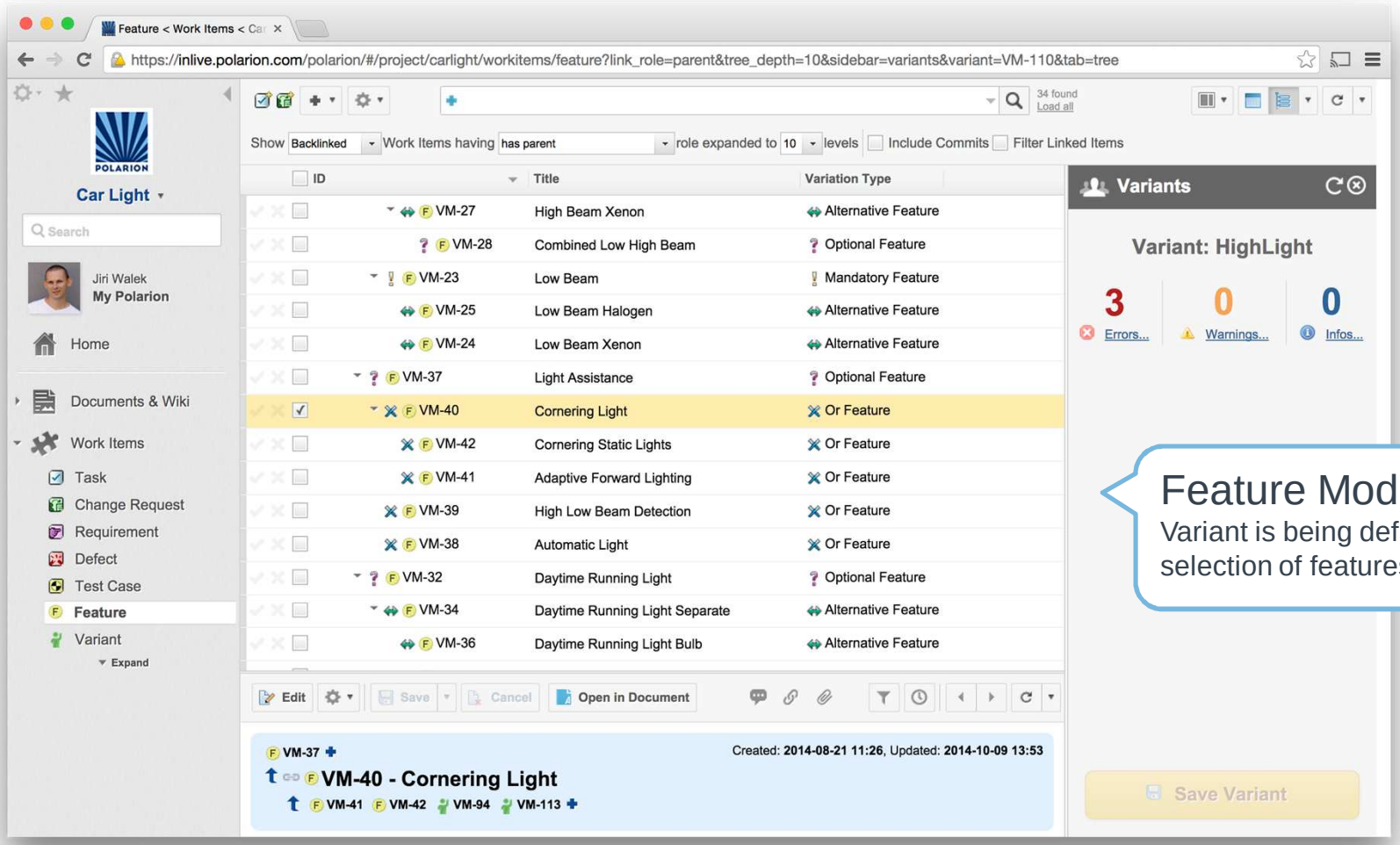
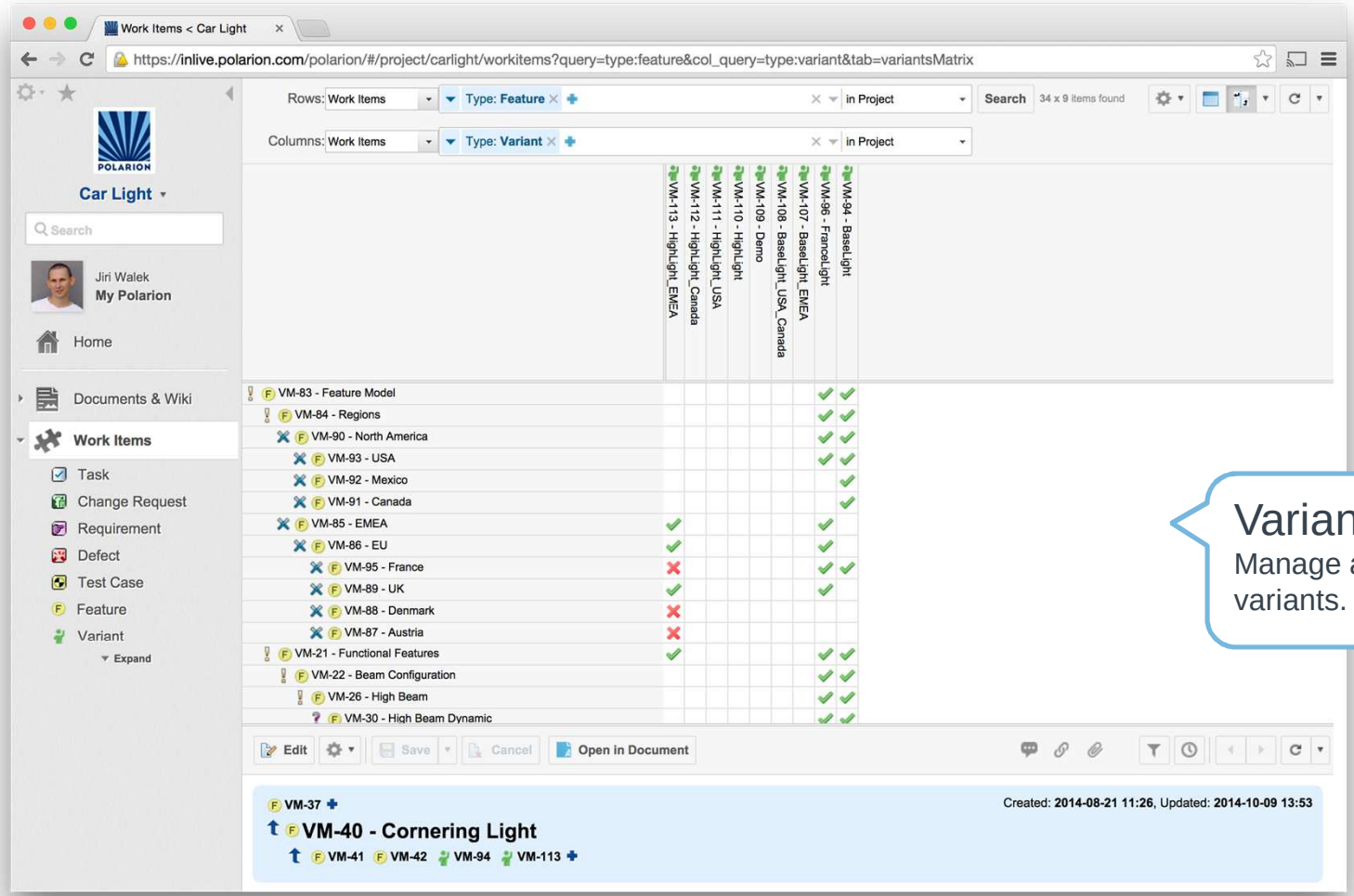


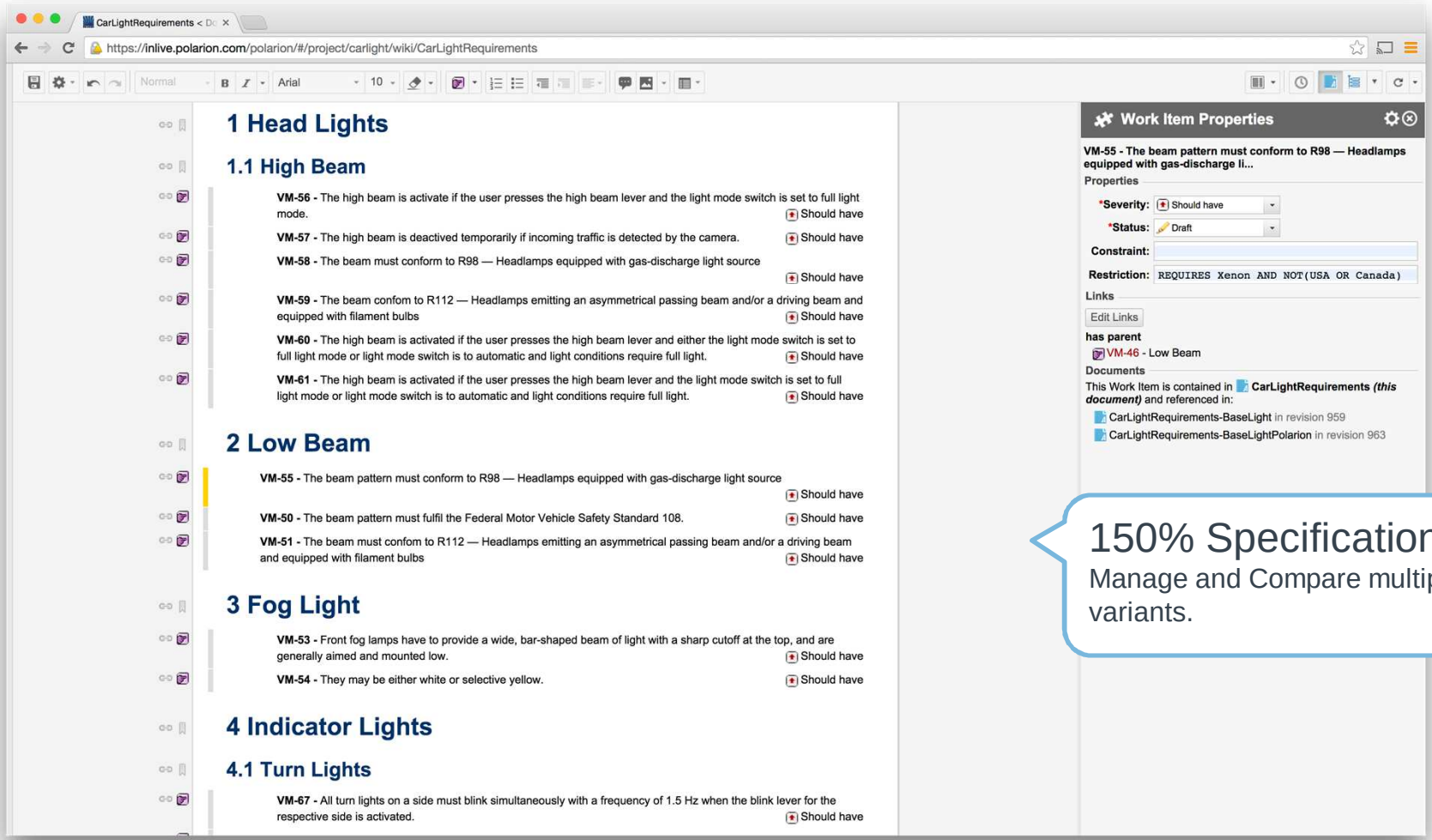
Feature Model

Variant is being defined as selection of features.



Variant Matrix

Manage and Compare multiple variants.



150% Specification

Manage and Compare multiple variants.

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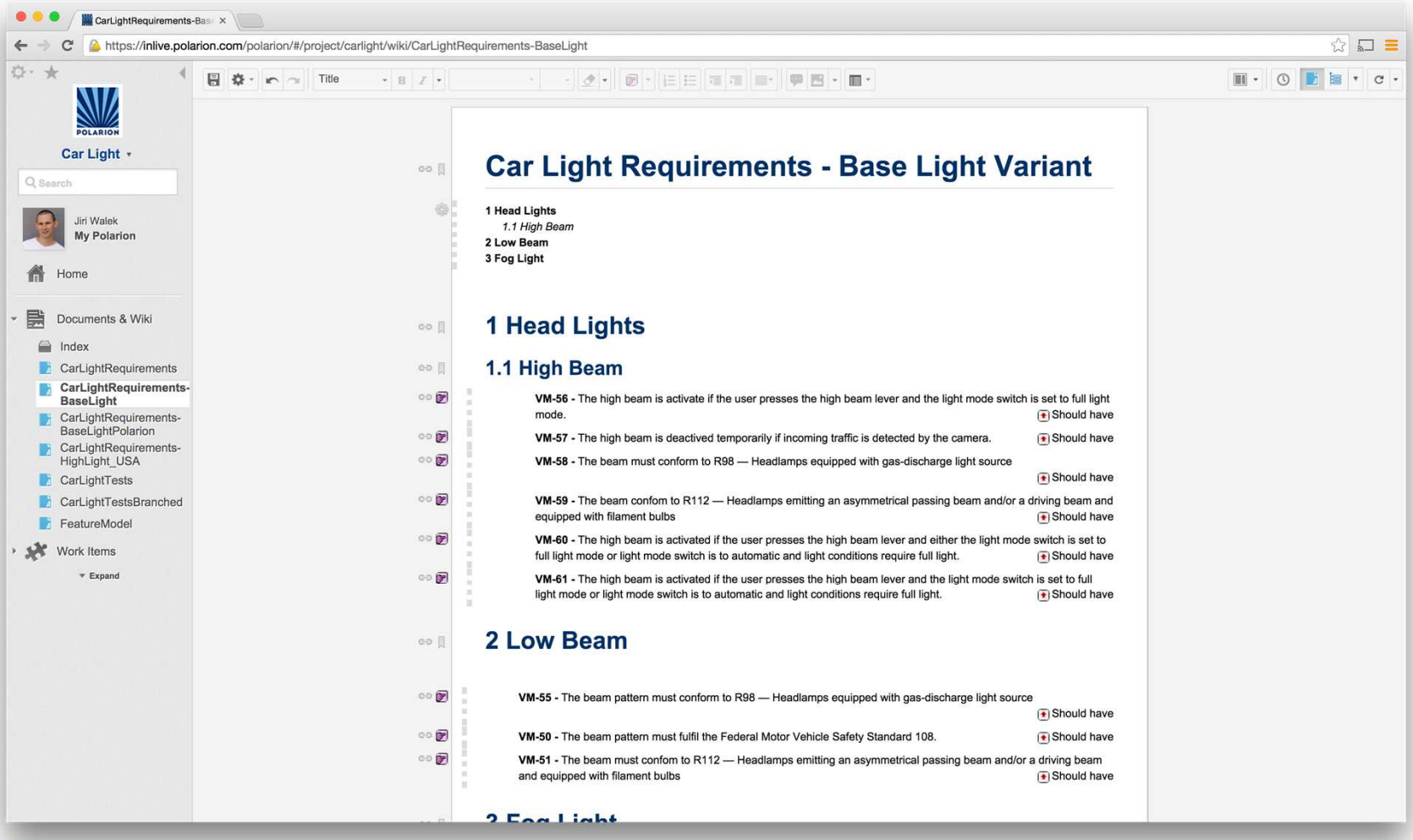
CarLightRequirements-Bas
https://inlive.polarion.com/polarion/#/project/carlight/wiki/CarLightRequirements-BaseLight
Title
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CarLightTests
CarLightTestsBranched
FeatureModel
Work Items
Expand
Car Light Requirements - Base Light Variant
1 Head Lights
1.1 High Beam
2 Low Beam
3 Fog Light
1 Head Lights
1.1 High Beam
VM-56 - The high beam is activate if the user presses the high beam lever and the light mode switch is set to full light mode.
Should have
VM-57 - The high beam is deactived temporarily if incoming traffic is detected by the camera.
Should have
VM-58 - The beam must conform to R98 — Headlamps equipped with gas-discharge light source
Should have
VM-59 - The beam confom to R112 — Headlamps emitting an asymmetrical passing beam and/or a driving beam and equipped with filament bulbs
Should have
VM-60 - The high beam is activated if the user presses the high beam lever and either the light mode switch is set to full light mode or light mode switch is to automatic and light conditions require full light.
Should have
VM-61 - The high beam is activated if the user presses the high beam lever and the light mode switch is set to full light mode or light mode switch is to automatic and light conditions require full light.
Should have
2 Low Beam
VM-55 - The beam pattern must conform to R98 — Headlamps equipped with gas-discharge light source
Should have
VM-50 - The beam pattern must fulfil the Federal Motor Vehicle Safety Standard 108.
Should have
VM-51 - The beam must confom to R112 — Headlamps emitting an asymmetrical passing beam and/or a driving beam and equipped with filament bulbs
Should have

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Thank you.

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Available in

Polarion 2015
Early Access