**Breakdown Structure resolution**



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# Overview

This Document represents a test cases for testing Resolution of Breakdown Structures.

# Functional Tests

## Resolving structure in resolution sidebar tab of breakdown item

|  |  |
| --- | --- |
| **Test#:** | F-001540-01 |
| **Purpose:** | To test the Resolving of structure in resolution sidebar tab of breakdown item |
| **Original requirements:** | [I-011516 "Resolving structure in resolution sidebar tab of breakdown item"](https://myinnovator.com/?StartItem=sa_Issue:EE6673DB09334E448C11A5714F329343) |
| **Execute** | Yes |
| **Setup** | Apply **UsagesResolve.xml** |
| ***Verify that user gets whole structure if click Resolve without selected Variability item.***   * 1. Go to **Variant Management>>Breakdown items** and **Search** for *Shifter*   2. Open *Shifter*   3. Go to Contents tab and pick Part FR-6576 and Document AI-08   4. Create New Component with Code: Component01 Name: test in **Contents** tab   5. **Save** item   6. Go to **Resolution** tab on sidebar   7. Click **Resolve**      1. Confirm that all structure is displayed in Resolved Structure   ***Resolve with Variability Item***   * 1. Choose *Shifter* in Variability Item Selection   2. Click **Resolve**      1. Confirm that there are DSHF-5877, AI-08, FR-6576, Component01 in resolved structure   3. Choose *Bicycle* in Variability Item Selection   4. Click **Resolve**      1. Confirm that all structure is displayed in resolved structure   5. Choose *Medium* for *Bicycle Size* and *Road Bike* for *Bicycle Type*   6. Click **Resolve**      1. Confirm that there are DSHF-5877, DSHF-5876, SHF-5876, AI-08, FR-6576, Component01 in resolved structure   7. Choose *Small* for *Bicycle Size* and *Road Bike* for *Bicycle Type*   8. Click **Resolve**      1. Confirm that there are DSHF-5876, SHF-5876, AI-08, FR-6576, Component01 in resolved structure   9. Choose *Small* for *Bicycle Size* and *Fat Bike* for *Bicycle Type*   10. Click **Resolve**       1. Confirm that there are C\_01\_01\_01\_01, AI-08, FR-6576, Component01 in resolved structure   11. Choose *Large* for *Bicycle Size* and *Fat Bike* for *Bicycle Type*   12. Click **Resolve**       1. Confirm that there are DSHF-5877, AI-08, FR-6576, Component01 in resolved structure   13. Choose *Handlebar Assembly* in Variability Item Selection   14. Click **Resolve**       1. Confirm that all structure is displayed in resolved structure   15. Choose *Small* for *Bicycle Size* and *Road Bike* for *Bicycle Type*   16. Click **Resolve**       1. Confirm that there are DSHF-5876, SHF-5876, AI-08, FR-6576, Component01 in resolved structure   17. Go to Variant Management>>Dictionary>>Features and Search for *Bicycle Type*   18. Open *Bicycle Type* feature and **Edit**   19. Delete *Road Bike* from relship grid   20. **Done** and Close Feature   21. Return to *Shifter* Breakdown item   22. Choose *Bicycle* Variability Item and click **Resolve**       1. Confirm that there are DSHF-5877, SHF-5877, AI-08, FR-6576, Component01 in resolved structure   23. Close Breakdown item | |
| **Cleanup** | 1. Logout |