

SBOM Validation Report

Summary

Total discrepancies found: 31

- Wire Length Mismatch: 28
- Quantity Discrepancy: 3

| Component ID | Component Name | Current Value | Correct Value | Unit | Issue Type |
|--------------|----------------|---------------|---------------|------|----------------------|
| 53(1) | Wire 53(1) | 3.2 | 1215 | mm | Wire Length Mismatch |
| 53(1) | Wire 53(1) | 3.2 | 1215 | mm | Wire Length Mismatch |
| 44(1) | Wire 44(1) | 3.2 | 1215 | mm | Wire Length Mismatch |
| 44(1) | Wire 44(1) | 3.2 | 1215 | mm | Wire Length Mismatch |
| 55(1) | Wire 55(1) | 3.5 | 640 | mm | Wire Length Mismatch |
| 55(1) | Wire 55(1) | 15.0 | 640 | mm | Wire Length Mismatch |
| 43(1) | Wire 43(1) | 15.0 | 150 | mm | Wire Length Mismatch |
| 43(1) | Wire 43(1) | 3.5 | 150 | mm | Wire Length Mismatch |
| 54(1) | Wire 54(1) | 3.5 | 670 | mm | Wire Length Mismatch |
| 54(1) | Wire 54(1) | 3.5 | 670 | mm | Wire Length Mismatch |
| 52(2) | Wire 52(2) | 3.2 | 687 | mm | Wire Length Mismatch |
| 52(2) | Wire 52(2) | 3.2 | 687 | mm | Wire Length Mismatch |
| 20(1) | Wire 20(1) | 3.2 | 1250 | mm | Wire Length Mismatch |
| 20(1) | Wire 20(1) | 15.0 | 1250 | mm | Wire Length Mismatch |
| 45(2) | Wire 45(2) | 3.2 | 687 | mm | Wire Length Mismatch |
| 45(2) | Wire 45(2) | 3.2 | 687 | mm | Wire Length Mismatch |
| 47(1) | Wire 47(1) | 3.2 | 1215 | mm | Wire Length Mismatch |
| 47(1) | Wire 47(1) | 3.2 | 1215 | mm | Wire Length Mismatch |
| 49(1) | Wire 49(1) | 3.2 | 1215 | mm | Wire Length Mismatch |
| 49(1) | Wire 49(1) | 3.2 | 1215 | mm | Wire Length Mismatch |
| 41(1) | Wire 41(1) | 3.3 | 560 | mm | Wire Length Mismatch |
| 41(1) | Wire 41(1) | 3.2 | 560 | mm | Wire Length Mismatch |
| 51(1) | Wire 51(1) | 3.3 | 560 | mm | Wire Length Mismatch |
| 51(1) | Wire 51(1) | 3.2 | 560 | mm | Wire Length Mismatch |

| | | | | | |
|-----------|------------|-----|------|----|----------------------|
| 46(1) | Wire 46(1) | 3.2 | 1215 | mm | Wire Length Mismatch |
| 46(1) | Wire 46(1) | 3.2 | 1215 | mm | Wire Length Mismatch |
| 42(1) | Wire 42(1) | 3.2 | 670 | mm | Wire Length Mismatch |
| 42(1) | Wire 42(1) | 3.2 | 670 | mm | Wire Length Mismatch |
| P00000362 | | | | | Quantity Discrepancy |
| P00165882 | | | | | Quantity Discrepancy |
| P00000356 | | | | | Quantity Discrepancy |

Detailed Findings by Source

Source: Comparison Sheet

- Quantity Discrepancy: P00000362 (vs)
- Quantity Discrepancy: P00165882 (vs)
- Quantity Discrepancy: P00000356 (vs)

Source: Wires Lengths

- Wire Length Mismatch: 53(1) (3.2 vs 1215)
- Wire Length Mismatch: 53(1) (3.2 vs 1215)
- Wire Length Mismatch: 44(1) (3.2 vs 1215)
- Wire Length Mismatch: 44(1) (3.2 vs 1215)
- Wire Length Mismatch: 55(1) (3.5 vs 640)
- Wire Length Mismatch: 55(1) (15.0 vs 640)
- Wire Length Mismatch: 43(1) (15.0 vs 150)
- Wire Length Mismatch: 43(1) (3.5 vs 150)
- Wire Length Mismatch: 54(1) (3.5 vs 670)
- Wire Length Mismatch: 54(1) (3.5 vs 670)
- ... and 18 more

Recommended Actions

1. Update component quantities to match corrected values
2. Verify wire lengths against specified measurements
3. Check twisted wire specifications (pitch and length)
4. Validate all splice components and part numbers
5. Review connector pairings for completeness
6. Confirm all material parts have correct quantities
7. Address high-priority discrepancies first
8. Document all changes made during correction