Autodesk® Fabrication CADmep™ 2016

Service Pack 3 Enhancement List

Improvements made in Service Pack 3 build 3.04.1040

General Usability Improvements

- Notch options on oversize seams have been improved to produce expected results.

- Improved connector (SKEY code) assignment details on elbows when exporting to a PCF file.

- Improved stability when exporting items with invalid services or specifications to a PCF file.

- Improved behavior of Double Wall and Inside\Outside options in insulation specifications.

- When new Design Line Templates are created, they are now immediately displayed within the service.

- Improved stability when opening drawings that contain SW oversize seams that refer to a RAW notch, which then refer to a SW oversize seam, resulting in an endless loop.

- Improved the display of Design Line elevation history units.

- Improved stability when executing scripts for subassembly items.

- When entering text using the Notes field on the Takeoff dialog, the text auto-complete behavior has been improved to more accurately reflect the text being typed in by the user.

- Improved the ability to multi-select ancillaries.

- Improved stability in using Multi Service Takeoff with Hangers when objects are pre-selected.

- Improved stability when using a Z Strap Hanger while using the Fix Relative option.

- Improved file save/open dialog initializing.

- Improved accuracy of the Wet Weight print object on all reports.

- Improved reporting out slope elevation when "Report from Model Extents" switch is enabled.

- Improve grip stretch support for rotated hangers.

Pattern Improvements

- CID 518 – The visibility of the exhaust fan symbols has been improved.
- CID's 114, 355, 356, 357, 358, 359, 580, 831, 889 - Improved Insulation to be central from branch.
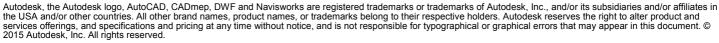
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Service Pack 2 Enhancement List

Improvements made in Service Pack 2 build 3.04.988.

General Usability Improvements

- Improved spool item numbers annotation visibility to remain the same when spooling to a separate DWG.
- PCF Export has been improved to include weight data in the output.
- Improved the behavior of Design Line fills to obey line overrides.
- CID 2873 - Improved reporting out size Annotation.
- Improved stability when re-filling in Design Line.
- Improved scripting filename method to handle multiple points in the item filename.
- Improved load and save behavior on Design Line Elevation, Terminal and Offset History parameters so that drawing files now open in an acceptable length of time.
- Improved Match Properties feature to lock material gauge when changed.
- Improved visibility to CADmep Object data via DXF codes through AutoLISP

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Service Pack 1 Enhancement List

Improvements made in Service Pack 1 build 3.04.966.

Pattern Improvements

- CIDs 7, 417, 947 – Enhanced dimensional accuracy on when using connector straight adjusts with the Top Extension.
- CID 104 – Improved so that the model length is consistent with that of CID 8.
- CID 397 – Improved stability when developing holes.
- CID 996 – Improved reporting of End Size.
- CID 1112 – Improved sheet metal developments when the part is lined or lagged.
- Improved swage connector visibility on round and oval fittings with a swage length of less than 1 inch.
- CID 149 - Improved placing part by opposite end when changing Inlet/Outlet option.

General Usability Improvements

- Improved stability when using the Autodesk® Fabrication CADmep™ Object Enabler to open a drawing with CADmep objects in Autodesk® Navisworks software products.

- Improved stability when unloading the CADmep Object Enabler.

- The Service Abbreviation field (Abr) on the Edit Service Template dialog now supports the % symbol.

- Improved usability when loading the Database to prevent the toggle Units setting (Imperial or Metric).

- Improved the behavior of the carry over options for custom data when using the FILL2ENDS command. The specified custom data fields are now carried over from the source item to the new fill item(s) according to the Carry Over Custom Data options settings.

- Improved visibility of sub-assembly items when used as an end point for the FILL2ENDS command.

- Improved renumbering behavior when used with batch spooling when outputting to separate DWG files.

- Improved spool color to match AutoCAD® software color palette.

- Improved behavior of the RESETLEADERPOS command to function when selecting text leaders in Paper Space viewports.

- Improved stability using the LISTMAPTEXT command when the text to display exceeds 1024 characters.

- Improved stability when exporting 3D models to DWF™ and DWFx formats.

- Improved usability of Fabrication and Installation Times Tables when importing from legacy .mtt files

- Improved save location for point layout files when path is invalid to default to the PROJECTS folder.

- Improved Mutiple Item Properties to select inside insulation for ductwork.

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