MDTools 770 SP2

Applicability: MDTools 770 NW, SA, and MDTools 770S

Issues Resolved:

Part Model

Insert from HyDraw Schematics

1. When clicked, the Insert button is not disabled, allowing multiple clicks.

Shrink Wrap

2. Shrink-wrapped model alters Drill Holes Step0 depth and Counterbore Depth for Drill Holes.

Orifice Plug

3. Error when adding merged orifice to a Footprint Child Drill with O-ring or counterbore.

Undercut

4. When inserting concentric undercut to a Sun Cavity, wrong diameter value is indicated.

Replace

5. In a footprint, when one of the drills with O-ring counterbore is replaced, the O-ring counterbore disappears from all other drills.

O-ring

6. Unable to edit or delete Mandatory O-rings.

Edit

7. When a child drill is edited for changing the Inclination angle, the Origin displays incorrectly at the Footprint Parent Drill.

Generate Machining ID

8. Machining ID is not retained for the replaced cavity.

Set Assembly Constraints.

9. To select the Top face of the CAD Model requires two clicks instead of one.

Drawing

Auto Dimension

10. When an additional Base view displaying hidden details is placed in the drawing sheet, then unable to Auto Dimension the block views.

11. In a specific case, one Co-ordinate axis value is not created for a cavity.

Assembly

Assemble Component

12. When LS depth is modified for the Sun Cavity, the CAD Model assembles incorrectly.

13. Merged Orifice plugs assemble upside down.

Set Assembly Constraints

14. For Assembly files (*.iam), incorrect assembly constraints are created.

Date: Nov 01, 2018.

MDTools 770 Hotfix 03

Applicability: MDTools 770 NW, SA and MDTools 770S with SP1.

Issue Resolved

Incompatibility of iParts with MDTools Assembly Commands.

Date: Aug 22, 2018.

MDTools 770 Hotfix 01

Applicability: MDTools 770 NW, SA and MDTools 770S with SP1.

Issue Resolved

In a specific case, Design Check generates incorrect Clearance (Wall thickness) report for Sun Cavity.

Date: Jul 23, 2018.

MDTools 770 SP1

Applicability: MDTools 770 NW, SA and MDTools 770S

Issues Resolved

Part Model

Modify Block

1. After removing material from a block, the cavity does not move.

Export

2. When exporting a block as a *.mbxml file, an Error message displays.

Insert Cavity

3. When the Insert button is clicked multiple times, Inventor freezes.

X-Ports

4. With Energy Efficiency, Tank Type Connection option, an under-sized drill diameter is recommended.

Copy Multiple

5. For a specific block in Feature Mode, few cavities are not copied.

Orifice

6. When inserting merged orifice to VC10-2 cavity, an Error message displays.

Replace Cavity

7. In the Fraction format with the Retain Drill Diameter option selected, the drill diameter value is not retained.

Angular Connection

8. When an angular connection is made between cavities placed at a specific location, an Error message displays.

Move

9. Move command does not display the actual precision of the location of X & Y, but displays the applied precision as in MDTools Settings.

Edit Cavity

10. In Cavity Dimensions, Fraction values from Library displays as decimals.

Stretch

11. When stretching a drill up to reference, the decimal precision set in MDTools Settings is not used.

Add Drill

12. For large manifolds, the Add Drill command is slow.

Manage Engraving

13. Engravings do not move, when it is reconnected to a cavity in the block.

Connection Check

14. Incorrect Dead Area Step is highlighted for Connection error.

Schematic Check

15. After Merged Orifice is added to Footprint drills, the Footprint report is incorrect.

Color

16. In Feature Mode, the cavity with multiple ports on same step, does not display the NET color.

Generate Machining ID

17. With Scheme 5, the changed Face Name is not retained.

18. With Scheme 5, on regenerating Machining ID, earlier assigned Machining IDs are not retained.

Create Machining Drawing

19. MDTools PART Model Browser freezes and displays in the Drawing environment.

Components and Parts List

20. When a block has only one cavity, the Components and Parts list is not created.

Edit Machining Chart Formats

21. When selecting a Machining Chart format, an Error message displays.

Show All Nets (Model Browser)

22. When clicking Show All Nets after changing a specific NET color, an Error message displays.

Drawing

Create Views

23. Drawing Views of assembled block (*.iam file) displays a transparent box around the engravings.

Show Internal Details

24. Internal view of the block, which is behind the Cutout, does not display.

Show Component ID

25. When "&" is present in an ID, the Component ID displays incorrect characters in the Drawing view.

26. Component ID does not display individual drill holes in the drawing.

Create Balloons

27. Slot Leader location is incorrect.

Machining Chart

28. After switching from Component ID to Machining ID, the number of items displayed is incorrect.

29. For Numeric and Alphanumeric IDs, Cavity ID does not sort correctly.

Assembly

Assemble Component

30. In the CAD Model selection dialog, subfolders are not listed.

31. In Inventor 2018, the Expander Plug Model created in Inventor 2017 is assembled upside down.

32. When Assembly is updated after removing Component Models on a block, there is instability.

33. CAD File linked to accessory in HyDraw, is not getting assembled.

Assemble Plugs

34. Unable to assemble multibody plugs.

Date of Release: Jun 13, 2018