



## Resolved CPRs

### CAMWorks 2021Plus SP4

\* Please refer to 'What's New' PDF document for details regarding enhancements in CAMWorks 2021Plus.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-112750	CSR-18748	Feature	When the active configuration selected in the Configuration Manager tab is changed and Rebuild command is executed, none of the current features (except Circular Pocket features) are updated correctly.
2.	CW-112749	CSR-18746	Assembly	For Assembly files that contain multiple instances of parts, the assigned SOLIDWORKS Coordinate System (Fixture Coordinate System/Part Origin) is displayed incorrectly resulting in incorrect generation of toolpaths and posted NC codes.
3.	CW-112746	CSR-18747	Feature	For the geometry of part model containing group hole feature(s) is changed, then up on executing Rebuild, new hole features are added but previous group hole features are not removed in the list of features in the Feature tree.



## CAMWorks 2021Plus SP3

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-111589	CSR-18087	Post	For the specific part, when the G-codes are post processed using 'MILL APT CL' post then, the output does not get generated.
2.	CW-110882	CSR-17729	Rebuild	CAMWorks crashes, when the stock parameter is changed and Rebuild is performed.
3.	CW-110762	CSR-17744	TechDB	In the customized TechDB, when the tool is reselected on the tool crib page then, CAMWorks crashes.
4.	CW-110719	CSR-17713	Operation	For an Area Clearance operation, with pattern type set to 'VoluMill', the parameter 'Max Cut Amount' is not active.
5.	CW-110543	CSR-16981	Toolpath	The toolpath generated for 'Groove Roughing' operation with B axis incremental angle is incorrect.
6.	CW-110371	CSR-17253	Post	When the machine is set to 4-axis mode, then the method dropdown list displayed in the machine limits group box is greyed out.
7.	CW-109608	CSR-16903	Feature	When the operations are linked and the leadin type or entry type in feature options tab is changed for one linked operation, then it does not get reflected for other linked operations.
8.	CW-103166	CSR-14245	Simulation	When the holder is set to 'Shaded' under display options and shank and holder is set to 'Collisions' and simulation is performed then, the stock crashes.
9.	CW-102650	CSR-14088	TechDB	When the TechDB is imported from the previous versions then the, Multi point thread Mill tool definitions are improperly set to 45-degree taper angle.
10.	CW-99242	CSR-12842 CSR-12849 CSR-5963	Operation	For the Lathe Tapping operations, when the operations are generated using "Generate Operation Plan" command then, the spindle mode should be set to RPM instead of SFM.



## CAMWorks 2021Plus SP2

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-110313	CSR-16846	Toolpath	For part models programmed using older versions of CAMWorks, the toolpaths generated for Multisurface features gouge the parts as some faces on the part do not get faceted when the 'Previous' and 'Advanced' 3 Axis Generation engines are used. CAMWorks must have a provision whereby such unfaceted faces get faceted.
2.	CW-110262	CSR-17457	UIF	For the specific part, different colors have been assigned for displaying Minimum and Maximum feedrate for 3 Axis Curve feature toolpath. However, these colors are not displayed in the graphics area when the Step through command is executed.
3.	CW-110110	CSR-17406	Toolpath	For the specific assembly file, CAMWorks crashes when user executes the command to regenerate VoluMill toolpath.
4.	CW-110066	CSR-16550	Help	In the Help webpage for Origin tab for Operation Setup Parameters dialog box, it is mentioned that sketch points can be selected for defining origins. A note needs to be added to this Help content mentioning that center points of circular sketches are not supported for defining origin of Operation Setups.
5.	CW-109916	CSR-16946	TechDB	In Polish language version of CAMWorks, the text string 'Użytkownika' (its second letter 'z' of the string having an overdot) is converted to 'Uzytkownika' (with second letter of string having no overdot), when saved in SQL Server based TechDB.
6.	CW-109851	CSR-17215	Post	For a Mill-Turn part, two operations are machined with tools on front and rear turrets respectively with identical tool numbers. On post processing the posted output code does not call for tool change if the 'SORT_BY_TURRET' header in post processor is set to FALSE.
7.	CW-109355	CSR-16981	Toolpath	For the specific Turn part, when the Groove Rough toolpath with B-axis is regenerated, then it is observed that the toolpath tilting direction considers the applied lead Angle Value of the Turn Insert instead of applied B Angle value.
8.	CW-109092	CSR-16614	Operation	For the specific mill part, incorrect feedrates are output in the NC code generated for the Probing operation that uses the 'Linked to Tool' option.



Sr. No.	CPR Number	Help Desk ID	Area	Description
9.	CW-108319	CSR-16622	Help	The CAMWorks Help mentions that if the 'X+ Only' option in Mill-Turn module is exercised, then any feature which is in X- space will be rotated such that it is X Plus space only; resulting in it being machined without negative X coordinates. A note needs to be added indicating that this option won't work for feature geometries containing Helical or circular shapes and that such features will be machined with negative X coordinates.
10.	CW-108258	CSR-16550	Help	The Help documentation of CAMWorks mentions that sketch point entities can be used for defining Origin of Mill Part Setups. However, circular sketches are not supported. Help documentation must be updated to mention this exception.
11.	CW-107824	CSR-16392	TechDB	For the specific customized TechDB, once the contents within the TechDB is edited, the Save option does not get enabled and remains grayed out even after the parameters have edited.
12.	CW-107012	CSR-16105	TechDB	When the XY feedrate for a Hog nose tool is modified within the TechDB and saved, then the modified XY feedrate value is not retained.
13.	CW-104239	CSR-14830	Operation	For the specific Mill part, CAMWorks fails to generate the toolpath for the specific Rough Mill operation and crashes the CAMWorks application.



## CAMWorks 2021Plus SP1

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-110035	CSR-17360	Assembly	When part data is imported into an assembly, the operations import only the seed part and not all part instances.
2.	CW-109905	CSR-17257	Toolpath	For Prime Turning Finish operations, the Chuck/Fixture avoidance functionality provide din Advanced tab of Operation Parameters dialog box does not work.
3.	CW-109845	CSR-17218	Operation	For the specific Assembly file with Chamfer toolpath, when specific avoid allowance value is applied to the chamfer parameter and toolpath is regenerated, then SOLIDWORKS crashes.
4.	CW-109529	Beta 57398	UIF	When CAMWorks application is launched as an add-in within SOLIDWORKS, then the videos under Learn tab of the task pane begin to automatically play.
5.	CW-109213	CSR-16919	Assembly	For the specific Assembly file, when the Rebuild command is executed, the Setup direction gets flipped.
6.	CW-109208	CSR-15263	Post	When NC codes are generated for the specific Assembly file with Circular pattern, the value assigned to the "WORK_PLANE_Z_VEC_Z" variable is a negative value instead of positive value.
7.	CW-109205	CSR-16901	Post	For the customer specific assembly, the NC code generated contains negative Y Coordinate values for its third pattern in CW2021 SP2, CW2021 SP4 and CW2021Plus SP0 versions.
8.	CW-109204	CSR-16916	Operation	For the specific part file containing Multiaxis Mill operations, CAMWorks fails to generate toolpaths for 5 axis drilling operations when the operation parameters are copied from another Multiaxis operation.
9.	CW-107509	CSR-16162	Help	The description in CAMWorks Help documentation for defining Assembly Turn Chucks needs to be updated to include info on where the Coordinate System needs to be defined.
10.	CW-104276	Beta 52656	UIF	When the SOLIDWORKS display is set to "Perspective", you cannot pick a part or stock vertex from the graphics area for defining the part/stock origin of any Mill, Turn or Mill-Turn part.
11.	CW-103086	-----	Rebuild	For the specific Assembly file, once the toolpaths are generated, CAMWorks keeps prompting a Rebuild command every time the user clicks the Save command. Moreover, after the assembly is closed and reopened, it is observed that the toolpaths didn't get saved.



Sr. No.	CPR Number	Help Desk ID	Area	Description
12.	CW-101689	CSR-13702	Simulation	For the specific Mill part with an Upper Z Limit Offset value defined, on executing the Simulate Toolpath command, the simulation stops at the first Face Mill operation's last depth pass. An error message indicating that simulation cannot continue gets displayed.
13.	CW-99146	CSR-12881	UIF	In Czech language version of CAMWorks, few text strings present in the Roughing tab of Operation Parameters dialog box need to be corrected.



## CAMWorks 2021Plus SP0

\* Please refer to 'What's New' PDF document for details regarding enhancements in CAMWorks 2021Plus SP0.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-107437	CSR-16232	Post	Add the post variable "OPR_FROM_PART_SETUP_ORIGIN" to check the part setup origin.
2.	CW-106965	CSR-16031	Help	The images of the dove tail tools in CAMWorks help files need to be corrected.
3.	CW-106792	CSR-15936	Operation	In the Multiaxis Mill operation using a Lollypop tool, the user is not able to modify the value of "Max Scallop" parameters on the pattern tab.
4.	CW-106631	CSR-15851	Machine Simulation	The CAMWorks Virtual Machine is unable to simulate dog leg shaped rapid moves.
5.	CW-105467	CSR-15386	Machine Simulation	In CAMWorks Virtual Machine, the StandardAPT simulation is unable to run assemblies when the subroutines are turned on.
6.	CW-105176	CSR-15241	Help	Add details regarding post command "GETTOOLS (3, CALC_SECTION) in Universal Post Generator help file.
7.	CW-104623	CSR-15031	Toolpath	Incorrect toolpath is generated for a Multiaxis Mill operation with pattern type set to "Swarf milling" and stepdown pattern is set as "Step from top."
8.	CW-104622	CSR-15029	Toolpath	The toolpath generated for Multi axis Mill operation with pattern method set to 'Swarf Mill' does not maintain the specified value of the stepdown distance.
9.	CW-104592	CSR-15034	Operation	For Multiaxis Mill operation when the pattern type is set to 'Swarf Milling' then the lead in and lead out moves are not generated.
10.	CW-104294	CSR-14730	Toolpath	For the specific part, the existing toolpath for a Multiaxis mill operation does not get regenerated in CAMWorks 2020.
11.	CW-103698	CSR-14474	Help	Add the information for Volumill parameter of 'Enforce min feedrate' in help file.
12.	CW-103246	CSR-14353	Help	Add the description for the Fixture co-ordinate system in the axis tab under Mill part setup parameters.
13.	CW-102272	CSR-13937	Toolpath	In Mill-Turn mode, incorrect Z value is output for the toolpath of Center Drill operation on sub spindle with canned cycle option set to On.
14.	CW-100499	CSR-13319	Toolpath	The Contour Mill toolpath generated on a curve feature having the shape of ellipse gouges the feature.



Sr. No.	CPR Number	Help Desk ID	Area	Description
15.	CW-99356	CSR-12971	Feature	For the specific part, the hole thread mapping does not recognize the cosmetic thread annotations set on the counter bore hole features.
16.	CW-98645	CSR-12569 CSR-14401	Toolpath	Incorrect Z values are posted for a tapping operation generated on the sub spindle of a turn machine.
17.	CW-97837	CSR-12081	Operation	In Turn tap operation if the spindle mode is changed from SMM to RPM then, the feed per revolution is incorrectly calculated. It should always be equal to the pitch of the tap.
18.	CW-95968	CSR-11234	Operation	The machining depths of the operations generated on hole features cannot be edited correctly.
19.	CW-95137	Beta-44855	UIF	In step through toolpath of Turn toolpaths, the direction of the tool vectors should be along the tool axis.
20.	CW-78221	CSR-4145	Feature	For the specific turn part, incorrect profile is generated when the part profile method is set to Revolved section.
21.	CW-53614	15401	Feature	For an interactively inserted slot feature, when Rebuild is performed then, the feature is incorrectly updated.
22.	CW-53572	15129	Feature	For the specific part, when the feature is created then, the entities cannot be selected using SOLIDWORKS selection manager.
23.	CW-29297	10-3520	Feature	For a Turn machine, when the plane section method is selected as 'Revolved' or 'Profile' in the Turn feature tab of CAMWorks options dialog box then, incorrect feature profile is generated.
24.	CW-26639	CW-Vero	Feature	When 'Extract Machinable Feature' is selected with method set to 'MFG View' then, incorrect top segment for the pocket is displayed.