

# CADfix

## Version 10 SP1 Data Exchange Fix Change Notes

**Change Notes for CADfix 10 SP1 as a brief summary of each fix arranged under their respective Problem report number(s):**

16526	SYMT comparison tolerance not working for LT
16535	Wrong Parasolid export without error message
16551	BOOL SPLIT fails when BOOL INTERSECT works fine
16566	1.324 Missing bodies on NX import for A1676209900
16570	Unable to open a JT file in CADfix 10 (regression)
16584	Cannot export FROGS to STL in CF10
16586	Crash exporting to Centaur
16587	Unnecessarily excessive output from export to 3D PDF
16601	Need FRGFIIX CRACK FACPARI to not duplicate vertices (as per SOLIDM option)
16602	Cannot open file menu on Linux with browser open
16608	Export assembly to STL and files have no extension
16612	Mixed model cannot export facets only to STL
16630	Import both BREP and facets during JT import
16633	Performance and Quality issue on CADfix 10
16648	Unable to open a JT file in CADfix 10
16649	Unable to export to V5 large assembly structure
16653	Cross Section Tool
16655	Still issue to create a CGR file
16656	CATProduct for CGR export
16667	Projection onto Closed NURBS Cylinder Failing
16675	CGR to JT support
16676	Massive slow down in Prepare for Parasolid in 10
16680	CADfix Solid is Slow
16708	Help required with code linked to CFI
16733	Repair on NASA CRM IGES file gives GUI error
16739	Meeting to discuss use of CADfix API to analyse NX parts
16757	Does not merge XASGs correctly when merging back-to-back faces.
16765	Assembly export to V5 need to ensure names are unique
16768	Layer Filter
16781	UNFA needs to pick the BEST fitting line from ARC or STR not simplest
16794	CADfix sources/sets issue
16800	Import NX body with faceted parts
16802	CADfix import NX part with faceted bodies
16805	Unable to import a V5 model
16806	Mixed BREP+facet model (non-assembly) can't be written to V5
16811	New variation of BOUND ! <set> NEW FACPARI

16814	.Famlimits file
16829	ACIS/DXF import needs to expose splitting of periodic option
16841	Undo broken
16844	Sliver faces join PDQ failure
16845	CADfix crash on prepare - SU PCN
16863	Poor result from FROGFIT REVOLVED
16886	About disk full.
16890	New 'Select -> Advanced -> Connectivity <> N' options are suspect
16896	Prepare changes geometry
16902	NURFIX OPEN has SSIM option, but shouldn't SSIM full cones
16911	Can't Open ANY Model in GUI
16923	problem with plxml JT version handling in CADfix 10.0 release
16925	Add support for faces using a full cone with scratch point at apex
16926	NURFIX OPEN SSIM on drill-tip full cone makes bad surface needs apex scratch
16945	CADfix 10 Linuxfatal error
16953	Export to a defined directory in batch
16956	Colours wrong when displaying SOLIDM frogs?
16957	Display of individual entities in a component in assembly mode
16970	DWG format
16975	Problem with shaded display of triangular sources
16992	3DS_EXPORT Licence has Stopped leaving it Unusable
16997	Proposed improvements to Hex meshing in CADfix CAE
17007	Boolean subtract fails
17009	Boolean subtract active selection
17010	Delete face from zone in model tree shouldn't destroy zone
17036	Incorrectly calculating subtended angles for array slices
17038	D-2809 Simultaneously running CADfix instances interfere with each other, causing stalls
17044	Finish cleaning
17054	Facet drilling on PN frog sphere
17063	Tartan mesher unexpectedly slow when given frog input.
17075	Bad SSIM NURBS FROGFIT
17079	036 : Parasolid export failed due to degenerate surface corners
17087	CADfix Solar file naming issue with period
17091	Add new CADfix command line option to disable .fbl creation on startup
17093	Recent Meshing Changes have Seriously Broken Torus Faceting
17094	Face shading problem on ruled NURBS face
17096	Mesh shortcutting on horseshoe face
17097	New Auto fit join faces option
17100	Assembly data problem
17113	Struggling with ARAP parameterisation on DELC FROG
17122	UNFA does not respect sag tol when it fits a track/NURBS
17127	Customer problems
17128	SSIM FROGFIT of AUTO parameterised (old method) FROG is badly folded
17132	CADfix 10 split fails geometry deleted
17160	FROG GENE FACET / PARAM ARAP not compatible with folded NURBS

17185	Shrink wrapping in CADFIX 10
17203	Intersect STL patch.
17206	CGR import missing lots of polygons (not implemented?)
17214	CADfix can't open a model with a \$ char in filename, e.g. \$TEST6.model
17223	1.353 Error writing C file
17228	Showstopper regarding CADfix 10
17229	ACIS export config for 3D measurement machine
17238	Command line execution problem
17240	Smart healing feedback goes missing
17249	CNTR on a node number has stopped working
17255	SW import fails with R25/SP1 HF27 unless: NumerOfProcessorsToUse=1
17256	New FROGFIT ARAP parameterisation now in surface refit
17264	Split data.
17272	Full cone drill-tip faces importing with bad cone definition
17290	Facet parency leaking out when faces are missing from the match set
17301	Frog to NURBS failing Linux and Windows
17324	Suspicious difference in Join messages between CF10 and CF90
17331	Auto-assign spline-fit parameters to faces in far field
17334	Mass Properties not Cleared on Model Change
17337	Join faces getting hung up on ship hull
17338	FROG converted to NURBS is not close enough
17345	Prepare for Parasolid breaks deforms body
17363	Sharp angle fix not respecting locked edges
17367	Zones prevent auto-framing on airframe (everything but FF domain)
17371	CADfix quality assessment : conversion result CATIA V5 problem > JT > NX
17373	Prepare for JT gets the wrong embedding shape orientation
17379	Smart healing GUI error
17384	Meshering problem
17386	GUI Error with JT export
17387	Grossly undersize/Sloppiness
17390	Run body check for JT
17400	CFI_CRE_MESH_FROM_POLYHEDRON can't handle QU4 elements
17410	Hidden option entry in preferences window
17411	Feature request: moving / transforming sources
17428	Missing Run Wizard button when merging files
17435	Model disappears from view. Needs to be FRAMED
17447	Display of parts in a component doesn't work with bodies
17453	Exporting SOLIDDM frogs to V5 need to be written as CATProduct+.model
17475	GUI error picking assembly part
17476	Assembly framing inconsistency
17480	CADfix 10 Primitives
17483	InterOp R25/SP2 crash: Inventor assembly
17486	InterOp R25/SP2: CATIA V4 export. Some workspace set names changed
17488	Crash in SSIM NURBS FROGFIT (x2)
17489	FROG Slice Tests Always Differ
17497	Question on CADfix

17505	NX10
17513	No display find and fix button.
17516	Export STEP problem.
17533	IGES write failure with CADfix 10R2
17541	Export failure
17543	PLMXML export and JT filenames
17547	Prepare makes a mess of this model
17553	NX assembly import regression at CADfix1000dev
17556	Bad SSIM to ANA
17557	.csv as synonym for .asc in point cloud import
17566	Facet reduction problem and etc.
17571	This file does not successfully read in Geoduck.
17580	Slice command crashes on very large frogs
17587	CADfix 10 bug using "sort by date modified"
17595	Problem when loading .cwc file
17604	Build offset surface distance widget has problems
17605	mg-tetra 2.1-3 reports MG-TETRA license is not valid when given mesh sizing FROG
17616	Unspecified error returned from FAM routine running meshing under Geoduck
17643	A problem with CADfix batch command - Pro/E files on command line not recognised
17653	GridPro versus ICEM surface mesh issue
17663	BOOL Split not working as expected
17670	Multi part STL export problem
17676	Join facet problem
17682	Unable to launch CADfix on a specific site
17725	Executive crash during CATIA V5 export
17745	Non tangent curve fix crashing