

# CADfix 6.0 SP1 Change Notes

**Change Notes for CADfix 6.0 Service Pack 1 as a brief summary of each fix arranged under their respective Problem report number(s):**

- cf04048      HELP images were not visible on UNIX
- cf04031      On windows XP only, if you set CADFIX\_KEY to port@host value then CADfix hangs
- cf04026      GUI error from Tool tab Create/edit Mirror
- cf04020      CADfix fails to import Parasolid file with 'Invalid parameter range' message
- cf04017      Parasolid file created by CADfix does not import into CADfix
- cf04016      IGES import options not being saved in .cwc file. Added a new cwc option 'import,iges,useDefaults' Default value is ON meaning that the value of each IGES import/repair option will be set according to the source and content of the iges file. If OFF then these default values will be overridden by the value of the other IGES import options specified in the cwc file
  
- cf04003      IGES import on Windows has 80 character filename limit
- cf03999      GUI error after following 'scanning neighbouring geometry' instruction
- cf03996      Exploding Assemblies loses attributes
- cf03995      GUI error generated from clicking an item after a JAMA diagnostic scan
- cf03994      Misdirected output and error from wizard batch run
- cf03993      Pro/E export has a problem with the saving of attributes and fails with "XAR\_ALLOC too big array"
- cf03990      An empty assembly component popup window was appearing during a batch run
- cf03989      Added a new zero-area face test
- cf03988      Large vertex-edge gap reports too many failures
- cf03985      CATIA import model dimension is always 10000
- cf03983      Export to DXF on Windows causes problem for import
- cf03963      DWG imported SAT model being translated to wrong place
- cf03961      Transformation of a transformation causes bad IGES import
- cf03958      GUI error from remove holes from faces
- cf03953      STEP import did not handle surface sharing between faces so a call was added to unshare.
- cf03949      Segmentation error from Pro/E import fixed when we received a new library version 3 build m040
- cf03948      GUI error during model assessment
- cf03946      Seamless face fix creates connectivity equals four
- cf03942      GUI Hang during collapse of points
- cf03941      Prepare of assembly mixes up sub-assemblies
- cf03939      Cannot export an exploded sub-assembly
- cf03938      Collapse tool gets corrupted
- cf03937      Label attributes in ACIS .sat files don't import into CADfix
- cf03933      Wizard behaves different on UNIX and Wk2 to XP
- cf03931      The wizard doesn't work in CAE mode
- cf03929      Mesh Manager speed when selecting edges
- cf03927      Merge models with 'All Formats' selected gives GUI Error
- cf03925      Dynamic picking inconsistency
- cf03923      Picked highlight white on white background
- cf03920      Need to be able to filter IGES wire frame models on line font
- cf03916      Results menu tree not showing expand state correctly

cf03912 Create bodies from holes deletes ALL bodies

cf03906 Sloppiness tolerance not same as scanned for

cf03903 GUI error when clicking MESH for export

cf03898 CADfix crashes on edge pick into Create/edit faces tool

cf03896 308 Sub-figure puts wrong parts into set

cf03894 Inch models upsetting the wizard processing

cf03889 Assembly processing leaves model in a bad state

cf03869 Failed to import Parasolid file get error 'PK\_ERROR\_bad\_uvbox'

cf03865 Error related to the export of an exploded assembly

cf03864 Face joining default picking returned to pick on selected edge

cf03863 Tool editor under Customize menu not modifiable

cf03862 Prepare of assembly being corrupted as Repair set was left open

cf03857 Pro/E crash during export

cf03854 Segmentation Fault when exporting a Face model to CADD5

cf03853 Face Joining appears to hang (but is just very slow)

cf03849 Segmentation fault from CATIA import

cf03844 Always on dynamic viewing causing strange button press behaviour

cf03843 GUI error using Set Manager to lock parts in heavy healing

cf03842 Free points should not be exported to CATIA V4

cf03841 Pro/E hangs while importing model

cf03832 Pro/E body check error although not a licensed product

cf03825 Smart healing failure

cf03823 Pro/E import Closed NURBS seams run through face

cf03822 Very slow import of large Pro/E Parts

cf03821 Multi-point polylines not imported

cf03815 Healing GUI reports edges as fixed but the problem remains

cf03806 Prepare for IGESforIDEAS no longer works

cf03803 CADfix crash on opening database with large coordinates

cf03802 CADD5/CAMU assembly component naming option

cf03801 Even though a STEP file is invalid (there was an open shell in the solid instead of a closed shell), we should still read it in. Support has been added to read an open shell in a solid.

cf03800 Delete unused edges does not work in assembly mode

cf03797 Don't attempt to export empty components from an assembly model

cf03796 Add 'Severity' to Scan Results File

cf03794 Export to Pro/E with an absolute tolerance going wrong. Now also test for degenerate surfaces.

cf03791 Add option for exporting the Fail set or Working set

cf03790 CATIA export crash

cf03789 Sequence manager should not delete sequence

cf03784 Compact probe pick goes busy if opened with bad part

cf03782 Improve accuracy of imported IGES p-curves with isolines

cf03778 IGES p-curve import on entity 120 and 122 surfaces wrong

cf03772 Sharp edge angle display only show points

cf03770 Check Points at Parasolid body checker errors are being deleted too soon

cf03766 Overlapping faces check not working

cf03760 Sloppiness healing problems

cf03751 Trying to collapse points with 'Display only' toggled on causes strange display behaviour

cf03751 Non-tangent patches fix says it has worked when it has not

cf03746 Added functions for new transform option 'split edge at point'

cf03730 IGES assembly component in wrong position

cf03724 Closed edges find does not work

cf03719 PDQ FA EM test can't find these overlapping faces

cf03696 Self-intersecting loop has a PDQ fix but not in GUI

cf03691 GUI error from Mesh Manager

cf03690 Hole removal creates extra bodies

cf03689 Symbol # in Pro/E export file not legal

cf03678 Cancel marquee pick when probe is closed

cf03663 Need new plot code for connectivity edge labels

cf03662 GUI error opening model from Wizard report

cf03661 Check face integrity after face joining

cf03655 Pro/E assembly has no translations and missing parts

cf03647 Importing attributes from Pro/E not implemented

cf03636 When displaying voids we should display the void faces and not the bad bodies

cf03612 CATIA V4 export doesn't handle parentless surfaces

cf03547 Pro/E neutral exports each solid into different file

cf03500 Remove unused surface patches tool does not contain a fix

cf03470 Check display tolerance after scaling

cf03435 Invoke edge smoothing after joining chains of edges

cf03404 GUI error report generated incorrect tolerance setting

cf03358 File Size explosion on CATIA export

cf03198 Wizard overrides cwc setting for CATIA Export

cf03053 Wizard Transform collapse faces leaves unused edges

cf02906 Add dx, dy and dz distance output to measurements

cf01840 Non Finite Area faces cause invalid IGES file