

Advance Steel 2013 - Service Pack 1



This document describes the most important improvements in **Service Pack 1** for **Advance Steel 2013**.

GENERAL

- A stability issue after printing drawings and closing the application is corrected.
- The German Help file is available.
- Updated Russian localization.
- [10268] Corrected template usage when starting without a Start-Up page.

BOM

- [9724] Corrected grouping in structural lists for manually assigned assembly parts.
- [10086] User attributes for main parts that contain prefixes are shown on assembly lists.
- [10147] Identical bolts with different marks are split in multiple lines on Material lists.

DETAILING

- Two issues with the new welding line on details have been corrected. The weld lines now follow the detail if it is moved and also adapt to scale changes.
- [7648] A stability issue with opening multiple drawings from the Document Manager is corrected.
- [8477] Corrected bolt symbol color presentation on Advance CAD.
- [9446] A specific case where deleted dimension points reappeared after a drawing update is solved.
- [9447] The POS_NUM token is updated correctly on details removed from the Document Manager.
- [9652] Multi-Edit works for welding lines on drawings.
- [9652] The weld line symbol presentation is centered to the selected points.
- [9656] Punch marks appear on cut views if they are defined in a drawing style.
- [9663] The Document Manager refreshes immediately the preview on changed BOM templates on drawings.
- [9666] A specific case where manual dimension lines changed position after a drawing update is solved.
- [9822] A specific case where labels and dimensions are removed after a drawing update is solved.
- [9959] A specific case where anchors get an incorrect part name is corrected.
- [10053] A specific case where camera details do not show all elements is corrected.
- [10163] Plotting uses correctly the assigned CTB file.
- [10194] Corrected plotting of shaded models to PDF.
- [10277] It is possible to modify the cut hatches after the drawing is created.
- [10281] A particular case where dimensions have been removed on exploded details is corrected.
- [10238] A stability issue when renaming drawings from the Document Manager has been corrected.

DStV

- [9438] Shear studs with different lengths connected to the same member are shown correctly in DStV-BOM.

GAM

- [9896] It is possible to transfer anchors from version 2012 to 2013 by the Import/Export functionality.
- [9924] A particular stability problem in the Default application with a customer database is corrected.
- [9925] A particular conversion issue with preferred sizes from version 2012 to 2013 is corrected.

IMPORT/EXPORT

- [8933] The CIS/2 import also imports the part mark.
- [9619] Mapping in the import/export functionality of Advance Steel 2013 works after the installation of version 2013.
- Several improvements to the import of concrete objects.

JOINT DESIGN

- Several improvements to the joint design calculation according to EC3.

JOINTS

- Several improvements and corrections for the new custom connection.
- Improved spacing for the new anti-sag macros.
- [6843] Post double beam: A cosmetic refresh issue is corrected.
- [7026] Tube base plate: Corrected ring plate shape for inclined columns.
- [8893] Clip angle: Invert bolts option works for rectangular hollow sections.
- [9296] Single side end plate: It is possible to change the bolt location.
- [9318] Splice connection: Corrected plate connection.
- [9455] Railing: Corrected cut for sloped kick rails to posts.
- [9520] Bricks: Manual features are kept also in case “create weld” option is selected.
- [9520] Custom connection: Slave connections follow correctly the master connection.
- [9739] Custom connection: Folded plates are properly supported by the custom connection functionality.
- [9744] Bolts on plate brick follows correctly the plate movement or rotation.
- [9828] Lap purlin: Corrected library reading.
- [9851] Stiffener: Corrected top/bottom position for half stiffeners.
- [9892] A stability issue with the joint libraries is corrected.

- [9901] Roof anti-sag: A specific customer case where it could not be created is corrected.
- [9902] Shim plate at bolts brick: Keeps the assigned bolt location.
- [9904] Space plate brick: Corrected graying of unused fields.
- [9906] Plate at plate edge brick: Improved plate positioning.
- [9956] Double purlin with folded plate: Corrected graying of used fields.
- [9957] Metsec rail at column: Updated bolt diameter for wide fixing face.
- [10010] Custom connection keeps the bolt assignment.
- [10012] Bolt on beam brick: Corrected positioning on shortened beams.
- [10014] Beam on object, reference to object brick: Corrected positioning for offset beams.
- [10096] An issue with oversized joint boxes in some cases is corrected.
- [10180] Lap purlin: Split bolt pattern to allow single hole on stays.
- [10218] Railing: Corrected T-plate connection for posts.
- [10225] Single gusset: A particular customer issue for creating the joint with library settings is corrected.

MODELING

- It is possible to open the custom connection dialog box via the right mouse click context menu.
- Stability problem with polar array functionality is corrected.
- [6140] Improved speed for intersection and apparent intersection snap points.
- [9331] A particular case where the hole depth in a plate could not be set is corrected.
- [9359] Objects exploded to ACIS objects keep the contour openings.
- [9535] Polybeams can be exploded to ACIS objects also on AdvanceCAD.
- [9664] Compound beams are correctly mirrored on Advance CAD.
- [9783] A particular case where a hole is not drilling through a folded plate is corrected.
- [9829] XYZ filters work correctly also for a moved UCS.
- [9854] A particular case where bolts on a folded plate have not been placed correctly is solved.
- [9866] User section definition places coordinate system on the contour points.
- [9978] A particular case with a script issue on a model is corrected.
- [10370] The circular plate works again.

NUMBERING

- [9285] Inverted bolts do not create different assembly marks anymore.
- [9610] A particular case where a joint controlled object changes its part mark after another identical joint is created, is solved.
- [9740] A particular case where a standard part template was not correctly used for assembly numbering is corrected.

Note:

The number in brackets [xxx] is the GRAITEC Helpdesk reference.