

Tube Shop troubleshooting

Stop at a failed check and preserve the last good model. Page numbers refer to the visual quick start.

What you see	What to check or do	Page
Wrong scale or misplaced points	Check import units and each point's reference basis. 1.500 in OD equals 38.100 mm. Do not blindly rescale.	4, 6
Analytic-spine error during reconcile, host review or conversion	Cancel and retain the existing bodies. This repeated after a clean restart in the example; no successful workaround for those operations was verified.	5, 8–9
Duplicate tube or no editable point record	Undo the duplicate. Build only new branches; use ordered source points with the demonstrated die/fillet settings.	7
No host candidate, wrong host or cycle	Confirm source-point highlight, units and 0.125 in search radius. Remove self/circular dependencies; Fixed in space is only an intentional independent setup.	8
Replacement bend cannot fit	Cancel; retain the original geometry. Choose compatible tooling or deliberately revise the run. Whole-tube die change has a different scope.	9
Point moves but tube does not	Turn on Update tubes on Apply, or run Update from points. Check that the selected source point belongs to the intended tube.	11
Wrong end cut or stale cope	Check H1 in Fit against and B2 in Tubes to cut. Inspect the saved relationship and Update copes; Undo an incorrect result.	12–13
Tab slot much longer than expected	Inspect the full host opening and angle. Omit tabs or redesign an impractical shallow joint; do not lower the minimum just to accept it.	14–15
Output bent, mis-scaled or questionable in TubePro	Use Developed geometry with assembly output off. Check units and contours. ZX still needs receiving-software and machine validation.	16–17

Recovery choices: Cancel discards uncommitted model drafts. Native Undo applies to committed model actions. Die-library saves and files written to disk are separate; model Undo does not restore or delete them.

[Full troubleshooting reference · detailed reference, pp. 22](#)