

Inspection Balloon Removal Fix

CHAT-0215 / REV EXPORT-03 / 2026.04.30

A conversation-specific public summary of inspection balloon removal fix, distilled from the supplied export. The detailed excerpts remain available in the released note file.

STATUS	RECOVERED / SPECIFIC NOTE
CLASSIFICATION	SYS
MATERIAL	CHAT EXPORT / BUILD & TOOLS
DISPOSITION	PUBLIC CONVERSATION EXCERPTS / REDACTED
CATEGORY	Build & Tools
RECORD TYPE	build-thread

TECHNICAL NOTES

Conversation-specific knowledge extracted from the inspection balloon removal fix discussion.

CONVERSATION / QUESTION AND CONTEXT

This code is meeant to remove Insoection Balloons from dimensions it was working and now it isn't

CONVERSATION / EXTRACTED GUIDANCE

- ``ClearAllKnownDimTextFields`` is duplicated at the bottom. Delete one copy. [embedded media omitted]
- Your code clears ``swDispDim.Inspection = False``, but never sets ``changed = True``, so it can report ``0`` even when it clears. SOLIDWORKS does support ``Inspection`` and ``LowerInspection`` on ``DisplayDimension``. [embedded media omitted]
- Replace only your ``ClearInspectionFromDimension`` with this:
- Use this safer version instead. It only clears the actual inspection flag and does not touch the dimension text:
- Use this safer middle-ground version. It only strips ``<C#-...>`` tokens if they exist, and it refuses to replace the field if the result would be blank.
- Replace ``ClearInspectionFromDimension`` with this:
- Add/replace this helper:
- Replace your ``SafeClearInspectionToken`` with this version:

SPECIFICATION

SOURCE	Supplied ChatGPT export
CATEGORY	Build & Tools
CONVERSATION	11 user turns / 12 assistant turns
ATTACHMENTS	38 references detected
PUBLIC DETAIL	Extracted knowledge + excerpts

DEVELOPMENT HISTORY

2026.04.30 / EXPORT-04

Matched to the supplied export; key guidance is surfaced separately and the raw transcript remains unpublished.

RELEASED MATERIAL / SOURCE LINKS

CHAT-0215-public-note.txt

PUBLIC-SAFE CONVERSATION NOTE / UNIQUE FILE

<https://u225x.com/downloads/chat-records/CHAT-0215-public-note.txt>

RETURN TO THE LIVING RECORD

Inspection Balloon Removal Fix

This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/CHAT-0215>
