

Part-number/mark property automation without deletion

CAD-041 / REV A / 2026.09.01

Add or update designated identification properties while preserving unrelated metadata. Work on a copy first. Record application version, units and active document/configuration. Names below identify the catalogued workflow; they do not claim a particular button layout or verified implementation.

STATUS	Recovered/Partial
CLASSIFICATION	CAD
MATERIAL	CAD / AUTOMATION
DISPOSITION	PUBLIC / RECOVERED/PARTIAL
CATEGORY	CAD / Scanning / Automation
RECORD TYPE	how-to

TECHNICAL NOTES

Add or update designated identification properties while preserving unrelated metadata.

GOAL

Run the first test described in this guide and record the result for part-number/mark property automation without deletion.

SOURCE STATE

Operational reference/specification; original rule or add-in source not inspected

PREPARATION / NOTES

Work on a copy first. Record application version, units and active document/configuration. Names below identify the catalogued workflow; they do not claim a particular button layout or verified implementation.

EQUIPMENT

- CAD / automation tool
- Representative test model
- Measurement or inspection method

METHOD / STEPS

1. Define exactly which property set and names the rule owns, such as part number and mark.
2. Read existing values and determine whether blanks may be filled or existing values may be replaced under the selected mode.
3. Create missing properties individually and update only authorized values.
4. Log before/after values and rerun to verify no duplicate properties or unintended changes.

THINGS TO WATCH FOR

“Without deletion” means do not clear entire property sets. File-level and model-state values may differ. Preserve user-entered overrides unless replacement is explicitly intended.

FIRST TEST / WHAT TO RECORD

A test file containing unrelated custom properties retains them unchanged after repeated runs.

RESULT / WHERE THIS STANDS

A test file containing unrelated custom properties retains them unchanged after repeated runs.

TROUBLESHOOTING

- “Without deletion” means do not clear entire property sets. File-level and model-state values may differ. Preserve user-entered overrides unless replacement is explicitly intended.

SPECIFICATION

TOOL PATH	CAD / automation tool
DELIVERABLE	HOW-TO
VALIDATION	Representative model / known dimension
STATUS	Recovered/Partial

DEVELOPMENT HISTORY

2026.09.01 / Rev A

Imported as an independent manifest record; public copy keeps uncertainty visible.

REFERENCE NOTES

Autodesk reference (<https://aps.autodesk.com/developer/overview/inventor-api>).

HOW-TO SOURCES

Autodesk reference

<https://aps.autodesk.com/developer/overview/inventor-api>

RELEASED MATERIAL / SOURCE LINKS

cad-041-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/cad-041-public-summary.txt>

RETURN TO THE LIVING RECORD

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

<https://u225x.com/record/CAD-041>