

Projecting body edges into a Shapr3D sketch

CAD-004 / REV A / 2026.09.01

Projection reuses existing geometry as a reference for a new feature.

STATUS	Starting Point
CLASSIFICATION	CAD
MATERIAL	CAD / AUTOMATION
DISPOSITION	PUBLIC / STARTING POINT
CATEGORY	CAD / Scanning / Automation
RECORD TYPE	how-to

GOAL

Run the first test described in this guide and record the result for projecting body edges into a shapr3d sketch.

SOURCE STATE

New reference guidance; not a recovered test result

EQUIPMENT

- Shapr3D
- Representative test model
- Measurement or inspection method

METHOD / STEPS

1. Create or select the intended sketch plane and view it square-on.
2. Use Project and choose the desired source edges and target plane; choose sketch projection when editable sketch geometry is the goal.
3. Inspect the projected result for overlaps and unintended silhouettes. Use linked behavior only when that dependency is wanted and supported.
4. Constrain or dimension the new feature from the projected references and verify it after changing the source.

THINGS TO WATCH FOR

Projecting to the wrong plane can flatten a shape differently than expected. Multiple coincident lines can prevent a clean region. A linked projection depends on its source surviving.

FIRST TEST / WHAT TO RECORD

A small source change updates the intended reference without breaking unrelated geometry.

RESULT / WHERE THIS STANDS

A small source change updates the intended reference without breaking unrelated geometry.

TROUBLESHOOTING

- Projecting to the wrong plane can flatten a shape differently than expected. Multiple coincident lines can prevent a clean region. A linked projection depends on its source surviving.

SPECIFICATION

TOOL PATH	Shapr3D
DELIVERABLE	HOW-TO
VALIDATION	Representative model / known dimension
STATUS	Starting Point

DEVELOPMENT HISTORY

2026.09.01 / Rev A

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

REFERENCE NOTES

Shapr3D Project (<https://support.shapr3d.com/hc/en-us/articles/7874464667676-Project>).

HOW-TO SOURCES

Shapr3D Project

<https://support.shapr3d.com/hc/en-us/articles/7874464667676-Project>

RELEASED MATERIAL / SOURCE LINKS

cad-004-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/cad-004-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-004>