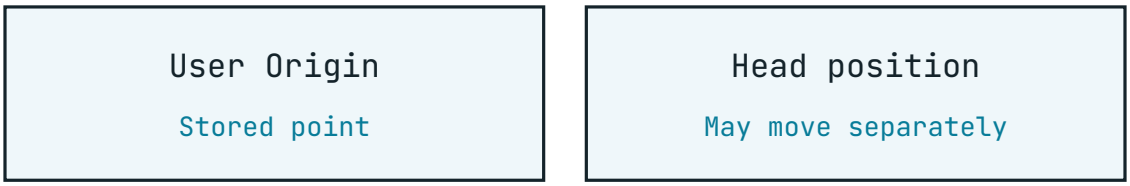
LESSON GUIDE

Using User Origin

Compare a stored User Origin with the head's current position.

Software practice

Leave **No Machine** selected and stay disconnected. These files retain example operation values for software Preview. They are not tested material settings. Course machine-profile links have been removed from the learner copies.



A stored reference and the current head location are separate. Saved course coordinates are examples.

1. Keep the machine disconnected. Open **user-origin-start.lzrproj** and inspect its artwork. The demo tag is 80 x 30 mm with an 8 mm opening.

2. Compare with **user-origin-finished.lzrproj**. It stores Start From: User Origin, **X 80, Y 80**, and Bottom left for Job Origin.

3. In User Origin, the selected artwork anchor is placed at the stored point. Moving the head later does not change that stored point.

4. **Set here** records a reported work position on a connected machine. Without that position, review the saved answer instead of inventing a reference.

5. **Go Origin** is a movement command to the stored point. Reading a saved file is not a physical placement or clearance check.

6. For this offline review, compare fields and geometry only. Save a separate copy if you change any setup fields.

SETUP REVIEW

Setup review

Compare **user-origin-practice.lzrproj** with **user-origin-practice-answer.lzrproj** while disconnected. Explain the saved setup rather than trying to reproduce a head move.

☐ The practice tag is 72 x 28 mm with an 8 mm opening. Keep its geometry unchanged.

☐ The answer stores User Origin X 100, Y 90 and Top right. These are different from the demo values.

Why does moving the head leave a saved User Origin unchanged?

What is needed for Set here to record a real position?

Can the answer file establish a reference on your machine?

Keep the comparison meaningful

Compare saved fields and explained reasoning. A file or software state cannot verify the physical machine.

EXPLAINED ANSWERS AND FILES

Explained answers and files

Practice setup
User Origin, stored X 100 / Y 90, Top right. The file supplies example fields, not a physical reference.

Head versus origin
Set here changes the stored reference. An ordinary head move changes the current position without replacing that reference.

Optional machine work
Use your own matching profile, documented reference procedure and a clear origin within your work area. Do not command course coordinates merely to match the answer.

user-origin-finished.lzrproj
Saved demonstration setup, not a completed physical result.

user-origin-practice-answer.lzrproj
Compare saved fields and artwork after your attempt.

user-origin-practice.lzrproj
Independent starter for this lesson.

user-origin-start.lzrproj
Follow the demonstrated setup.

The example workspace is 370 x 360 mm. Match your own machine before any connected operation; homing requires supported and configured hardware.

Matches the demonstrated Beam Bench 0.2.37 controls and the corrected ending where applicable. Later panel layouts may differ.