

# Editing Custom Split Normals

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Reference

Mode:

Edit Mode

Menu:

Mesh ▶ Normals

Shortcut:

Alt+N

There are a number of tools for editing custom split normals. The custom normal mesh edit tools can affect all normals (the default), or only selected ones. To select a custom normal associated with a particular vertex and face:

- Make the element selection mode both Vertex and Face (use `Shift+LMB` to enable the second one).
- Select one or more vertices, then select a face. This can be repeated to select more vertices and a different face and so on. It is easiest to see the effect of these tools if you turn on the Edit Mode Overlays option *Display vertex-per-face normals as lines*.

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See also

[Editing Normals.](#)

## Importing Custom Split Normals

Some tools, particularly those used in CAD, tend to generate irregular geometry when tessellating their objects into meshes (very thin and long triangles, etc.). Auto-computed normals on such geometry often gives bad artifacts, so it is important to be able to import and use the normals as generated by the CAD tool itself.

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Note

Currently, only the [FBX Importer](#) and [Alembic Importer](#) are capable of importing custom normals.