



# How to join 3d polylines in autocad?

## Description

How to join 3d polylines in autocad? – The answer is in this article! Finding the right AutoCAD tutorials and even more, for free, is not easy on the internet, that’s why our CAD-Elearning.com site was created to offer you the best answers to your questions about AutoCAD software.

Millions of engineers and designers in tens of thousands of companies use AutoCAD. It is one of the most widely used design and engineering programs. It is used by many different professions and companies around the world because of its wide range of features and excellent functionality. And here is the answer to your How to join 3d polylines in autocad? question, read on.

## Introduction

1. Pulldown Menu Location: Edit > 3D Polyline Utilities.
2. Keyboard Command: join3d.
3. Prerequisite: Plot the 3DPoly lines to use for selection.

Also know, how do you join all **polylines** in **AutoCAD**?

1. Click Home tab Modify panel Edit Polyline. Find.
2. Select a polyline, spline, line, or arc to edit.
3. Enter j (**Join**).
4. Select one or more polylines, splines, lines, or arcs that are located end to end.
5. Press Enter to end the command.

In this regard, how do you join two feature lines in Civil 3D?

1. Click Modify tab Edit Geometry panel Join Find.
2. Select the feature line you want to join other lines to.
3. Select the joining object or enter Multiple to make a selection of multiple feature lines, **polylines**, or 3D polylines.

You asked, how do you extrude a 3D polyline in AutoCAD?

Similarly, how do you convert polylines to 3D?

1. Click Modify tab Design panel Convert 2D To 3D Polylines Find.
2. Select the polyline(s) to convert. Press Enter.

Most likely one or both have a Z value, or Z values which aren't equal. Try FLATTEN. If that doesn't work, I often EXPLODE the plines, FLATTEN and JOIN successfully. Explode the short one, you have 2 segments at the end.

## Can different polylines be joined together?

Spline-fit polylines return to their original shape when joined. Polylines cannot be joined into a Y shape. If the properties of several objects being joined into a polyline differ, the resulting polyline inherits the properties of the first object that you selected.

## How do you intersect two lines in AutoCAD?

## How do you join objects in AutoCAD?

1. Select the Join command from the ribbon panel under the Modify interface. Or. Type J or join on the command line and press Enter.
2. We need to select multiple objects to join. The selected objects are joined at once.
3. Press Enter.

## How do you combine shapes in AutoCAD?

1. Click Home tab Modify panel Join. Find.
2. Select a source object or select multiple objects to join together.
3. Valid objects include lines, arcs, elliptical arcs, polylines, 3D polylines, and splines.

## How do you make a 3D solid in AutoCAD?

1. If necessary, on the status bar click Workspace Switching and select 3D Modeling. Find.
2. Click Solid tab > Solid panel > Extrude. Find.
3. Select the objects or edge subobjects to extrude.
4. Specify the height.

## What are the 3D commands in AutoCAD?

1. POLYLINE (PL) – The POLYLINE command will allow you to create a 2D polyline.
2. EXTRUDE (EXT) – The EXTRUDE command will extrude a 2D object into a 3D object.

3. PRESSPULL (PRESS) – The PRESSPULL command will extrude a 2D object into a 3D object, or extend a 3D surface.

## How do you sweep in AutoCAD 3D?

1. Create a circle at the endpoint of the object, as shown below:
2. Select the Sweep icon from the ribbon panel, as shown below:
3. Select the object to Sweep.
4. Press Enter.
5. Select the sweep path.
6. Press Enter.
7. The sweep will be created, as shown below:

## How do you flatten a 3d polyline in AutoCAD?

To flatten a drawing automatically in AutoCAD Use the FLATTEN command to change the Z values of all lines, arcs, and polylines to 0. Turn off or freeze any hatch layers with hatch patterns so they are not included in the selection. Type FLATTEN at the command line. Select all objects and press the Enter key.

## How do you edit 3d polyline elevations?

1. Click Modify tab Design panel Edit Polyline Elevations Find.
2. Select the polyline.
3. Specify the elevation. All vertices are assigned the same elevation.

## How do I convert 2d to 3d in AutoCAD?

Click the “cube” icon at the top right of the canvas and then drag the mouse until the top, right and front sides of the cube are visible. This changes the viewpoint from 2-D to 3-D, allowing you to see the three-dimensionality of the 3-D form that you™ll create from the 2-D model.

## How do you join polylines Pedit?

1. The process is fairly simple.
2. Type in “pedit”™
3. Hit enter.
4. Use “m”™ enter to select multiple line segments.
5. Select all the lines you would like to join.
6. and hit enter to (y) to convert your lines to polylines if necessary.

## How do you join gaps in AutoCAD?

## How do you automatically connect lines in AutoCAD?

### What is fuzz distance in AutoCAD?

The fuzz factor is the distance AutoCAD should look from an unattached endpoint for another object. You will also want to explore the JoinType (another option in PEdit). AutoCAD can extend one or both lines to fill the gap, or simply add a segment to fill the gap; it may even need to do both.

### How do you create an arc within a polyline in AutoCAD?

Specify the start point of the polyline segment. Specify the endpoint of the polyline segment. Switch to Arc mode by entering a (Arc) at the Command prompt.

### Bottom line:

I believe you now know everything there is to know about How to join 3d polylines in autocad?. Please take the time to examine our CAD-Elearning.com site if you have any additional queries about AutoCAD software. You will find a number of AutoCAD tutorials. If not, please let me know in the comments section below or via the contact page.

The article makes the following points clear:

- Can different polylines be joined together?
- How do you intersect two lines in AutoCAD?
- How do you combine shapes in AutoCAD?
- What are the 3D commands in AutoCAD?
- How do you sweep in AutoCAD 3D?
- How do you flatten a 3d polyline in AutoCAD?
- How do you edit 3d polyline elevations?
- How do I convert 2d to 3d in AutoCAD?
- How do you join gaps in AutoCAD?
- How do you automatically connect lines in AutoCAD?