

SUBTRACT Command — GstarCAD 2027

4095 kbadmin September 25, 2026 [Command Reference](#) 0 10

SUBTRACT Command

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Commands > S Command > SUBTRACT

Function Description:

This command is used to create 3D solids or surfaces by slicing or sectioning existing objects. Users can create a 3D solid from overlapping set by subtracting an existing solid set. They can also create a 2D region from overlapping set by subtracting an existing region set.

Note: It is not recommended to apply the SUBTRACT command on 3D surfaces.

Selects the first object to be kept and presses ENTER, and then selects the second object to be subtracted.

Subtracts objects in the second selection set from the first selection set and creates a new 3D solid, surface, or region.

The two selected regions must be located in the same plane. However, if selected several regions on different plane sets, it executes several times of SUBTRACT commands. If there is no overlapping region, the SUBTRACT is refused. The SUBTRACT command can not be applied on mesh objects. If you select mesh objects, it prompts to convert them to 3D solids or surfaces.

Command Access:

Menu: Modify > Solid Editing > Subtract

Ribbon: 3D > Solid Editing > Subtract

Toolbar: Modeling > Subtract

Command: SUBTRACT

Alias: SU

Command Prompts:

Select object:

Select solids, surfaces, and regions to subtract ..

Select object

Icon:

Specifies the 3D solids, surfaces or regions to be modified by SUBTRACT command.

Select object (to subtract)

Specifies the 3D solids, surfaces, or regions to subtract.

Related References?

- [Commands about Modeling Composite Objects](#)
- [Commands about Regions and Areas](#)

Related Tasks?

- [To Create Composite Objects](#)
- [To Work With Regions](#)

Other versions with matching text

[2023](#) · [2024](#) · [2025](#) · [2026](#)

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