Tips & Tricks: Mixed Display Modes
OneSpace Modeling

Tips & Tricks
email to a colleague

More Tips & Tricks?
CoCreate News
Register here!

Mix and match your display settings with **Mixed Display…** and visualize your product assembly with wireframe, transparent, and shaded parts. Toggling between Mixed helps you manage how your parts appear and improves dynamic viewing performance with large assemblies.

Mixed Display Mode Overview

Mixed display modes for individual parts override the global **Show** menu settings: Shaded, Edged, Wire, Hidd Supp, and Hidd Dimm (Fig. 1). The **Mixed** option box in the **Show** menu to see mixed display mode results in your viewport.

Mixed display modes, Shaded, Hidden Line, Wire, Edged (Fig. 2.), with the **Part Trans** Show setting, can easily be selected. Use these to create and manage mix and match display results like the one pictured below. It includes edged-only, part transparency without edges, and wireframe-only parts.
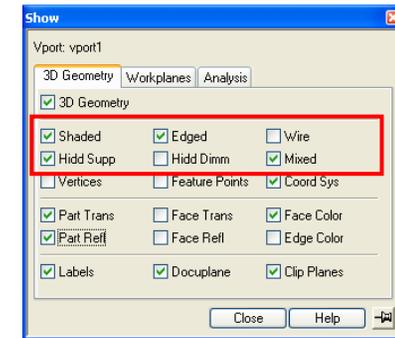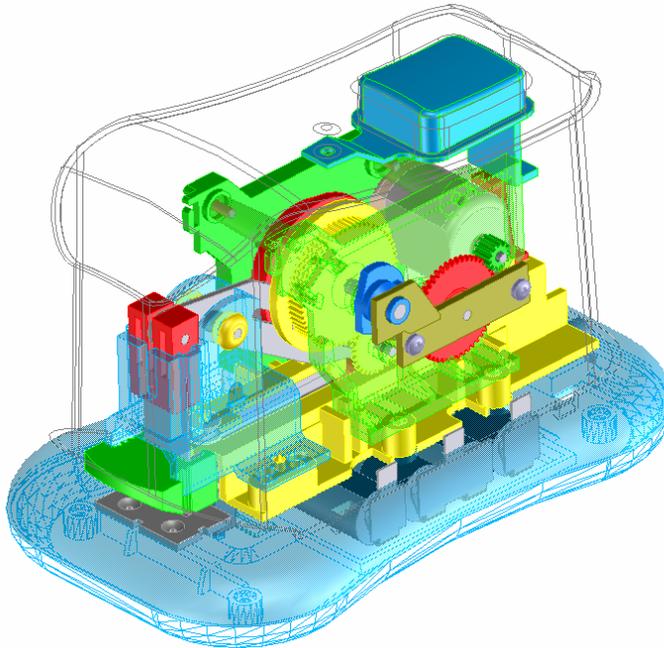

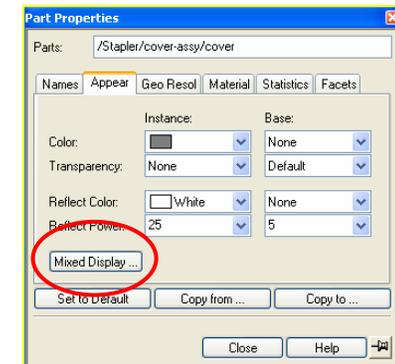Fig. 1. Show menu

Fig. 2. Mixed dialog

Fig. 3. Part Properties menu

Tips & Tricks: Mixed Display Modes
OneSpace Modeling

Tips & Tricks
email to a colleague

More Tips & Tricks?
CoCreate News
Register here!

Working with Mixed Display Modes

To change the mixed display mode of an part:

1. Display the **Show** menu (Fig. 1.) by clicking **Edit** > **Settings** > **Show Settings**.

2. Under the **3D Geometry** tab, check the **Mixed** option.

3. Click **Part & Assembly** in the Main Task Bar.

4. Click **Part** in the **Properties** section.

5. Select a part in the viewport or the Structure Browser.

6. Under the **Appear** tab in the **Part Properties** menu, click **Mixed Display…** (Fig. 3.).

7. Click **Set** in the **Mixed Display** menu (Fig. 4.).

In the **Mixed** dialog (Fig. 2.), there are four mixed display modes that you can assign to a part: Shaded, Hidden Line, Wire, and Edged

With the **Show** menu **Mixed** option checked (Fig. 1.), interactively experiment with these four modes, along with part transparency, until you achieve your desired display result.

Enable On switch: By default, this switch is set to On (blank dialog). Selecting Off will turn off the mix display mode. When you return to the dialog, the input field will be blank.

Children On switch: By default, this switch is set to On (blank dialog). Selecting Off affects the functionality of **Propagate**.

Other **Mixed Display** menu commands (Fig. 4.):

Copy:

1. Select the part or assembly, in the viewport or the Structure Browser, whose mixed display mode you want to copy.

2. Select the part or assembly that you want to change.

Propagate:

1. Before propagating, a user should first "**copy**" the properties to the assembly.

2. Select the assembly, in the viewport or the Structure Browser, whose mixed display mode you want copied to the assembly's children, recursively.

Where are mixed display modes saved?

When part properties are modified, like mixed display modes, changes are saved with the parent assembly. If the part is at root level, changes are saved at the part level.

Fig. 4. Mixed Display menu

Fig. 5. Mixed dialog