

FeatureManager Design Tree

External References

References present	->	Over-defined	(+)
Out of context	->?	Under-defined	(-)
Locked	->*	Not solved	(?)
Broken	->x	Fixed	(f)

Status Indicators

Assemblies

Mate reference present		Lightweight	
Reference dangling		Out-of-date lightweight	
Reference suppressed		Flexible sub-assembly	

Display Pane

Color		Color defined for part	
		Override color (upper left)	
Texture		Texture defined for part	
		Override texture (upper left)	

What's Wrong

Error within		Warning within	
Error		Warning	

PDMWorks Local View

PDMWorks Vault View

New document or reference		Checked out by you	
Document newer than vault		Checked out to another user	
Document older than vault		Read-only access	Orange text
Document equal to vault		Read/write access	Black text
Document not in vault		No access	Gray text

Keyboard Shortcuts: Display

Rotate horizontally or vertically	Arrows
Rotate 90° horizontally or vertically	Shift+arrow
Rotate about center	Alt+left/right arrows
Pan	Ctrl+arrow
Zoom In/Out	Shift+Z/z
Zoom to Fit	F
Previous view	Ctrl+Shift+Z
Front	Ctrl+1
Left	Ctrl+3
Top	Ctrl+5
Isometric	Ctrl+7
Normal To	Ctrl+8
Orientation dialog	Spacebar

Keyboard Shortcuts: Filters

Toggle Selection Filter Toolbar	F5
Toggle Selection Filters	F6
Filter Edges	E
Filter Vertices	V
Filter Faces	X

Middle-Mouse Wheel

Zoom In/Out	Spin
Zoom In/Out	Shift+drag
Rotate	Drag
Pan	Ctrl+drag
Rotate about center	Alt+drag

Customization

Right-click in the toolbar area and click **Customize** to use these tabs:

Toolbars to select which toolbars to display

Commands to drag commands to toolbars

Menus to change names and positions of menu items

Keyboard to view and print commands and change shortcuts

Options to view/reset customizations or to toggle the visibility of toolbars and menus for areas of expertise

Select **Tools, Options** and use these tabs:

System Options includes settings for Default Templates, File Locations, Performance, Display/Selection, etc.

Document Properties includes settings for Detailing, Grid/Snap, Units, Colors, Material Properties, Image Quality, etc.

From any main menu (Edit, View, etc.):

Select **Customize Menu**.

Select items to display in the menu.

Keyboard Shortcuts for Common Functions

Repeat last command	Enter
Select/rename in FeatureManager	F2
Rebuild model	Ctrl+B
Copy/paste features or entities	Ctrl+drag
Snap to min/max of arcs	Shift (while dimensioning)

Power Functions

3D ContentCentral		Link to suppliers with ready-made models you can view and download. Design Library tab
Copy Settings Wizard		Save, restore, and propagate system settings. Start, SolidWorks, SolidWorks Tools
COSMOSXpress		Use stress analysis to optimize part designs. Tools Menu
COSMOSWorks Study and Advisor		Use Study to analyze models and Advisor to optimize them. COSMOSWorks Menu
DrawCompare		Highlight visible differences between two drawings. Tools Menu
MoldflowXpress		Predict whether a plastic injection mold will fill. Tools Menu
SolidWorks Design Library		Locate reusable parts, assemblies, and other elements. Task Pane
SolidWorks Rx		Diagnose issues and package information for Support. Start, SolidWorks, SolidWorks Tools
SolidWorks Task Scheduler		Schedule resource-intensive tasks such as file updates and conversions. Start, SolidWorks