SolidWorks Quick Reference

Keyboard Shortcuts

Action	Shortcut
Rotate horizontally or vertically	Arrows
Rotate 90°	Shift+arrow
Rotate about screen center	Alt+arrow
Pan	Ctrl+arrow
Zoom in/out	Shift+Z/z
Previous view	Ctrl+Shift+Z
Front	Ctrl+1
Left	Ctrl+3
Top	Ctrl+5
Isometric	Ctrl+7
Normal To	Ctrl+8
Orientation dialog	Spacebar
Zoom to fit	F
Middle-mouse controls	Wheel down/up to zoom in/out
Toggle Selection Filter Toolbar	F5
Toggle Selection Filters	F6
Filter Edges	E
Filter Vertices	V
Filter Faces	X
Select/rename in FeatureManager	F2
Rebuild model	Ctrl+B
Copy/paste features or entities	Ctrl+c/Ctrl+v/ Ctrl-drag
Delete features or entities	<Delete>
Snap to min/max of arcs	Shift (while dimensioning)

FeatureManager Design Tree

Display Pane

Click ⬆ at the top of the FeatureManager to expand the Display Panel.

Hide/Show Component:

- Shown
- Hidden

Display Mode:

- Wireframe
- Hidden lines
- No hidden lines
- Shaded with edges
- Shaded

Color:

- Part color
- Override color

Texture:

- Part texture
- Override texture

Status Indicators

(+)	Over defined
(−)	Under defined
(?)	Not solved
(f)	Fixed
	Lightweight
	Out-of-date lightweight

External References:

->	Reference present
->?	Out of context
->*	Locked
->x	Broken

Assembly Mates:

- References present
- References missing
- Suppressed

PDMWorks Documents:

- Checked out to you
- Checked out to another
- Open in SolidWorks
- In memory, not open
- New document or reference
- Vault and local copies equal
- Newer copy in local view
- Newer copy in vault
- Document not in vault

Tools

Icon	Command
	Polygon
	Centerpoint Arc
	Tangent Arc
	3 Point Arc
	Spline
	Centerline
	Swept Boss/Base
	Lofted Boss/Base
	Rib
	Shell
	Draft
	Hole Wizard
	Mirror

Icon	Command
	Smart Fasteners
	No External References
	Mate
	Move Component
	Rotate Component
	Exploded View
	Interference Detection
	Model View
	Projected View
	Auxiliary View
	Aligned Section View
	Broken out section
	Alternate Position View
	Break

Power Functions

Icon	Function	Description
	DrawCompare:	Highlight all visible differences between two drawings. (**Tools, DrawCompare**)
	MoldFlowXPress	Predict whether an injection-molded part will fill with plastic.
	Design Library	Locate reusable parts, assemblies, and other elements.
	3D Content Central	From the Design Library tab, link to manufacturing suppliers with models you can view and download.

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

Click 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.