



Altair

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**HyperWorks**

Altair HyperView 2019 Tutorials

HV-2050: Using Keyboard Shortcuts and Function Keys

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## HV-2050: Using Keyboard Shortcuts and Function Keys

In this tutorial, you will learn to:

- Use Keyboard Shortcuts in HyperView
- Use Function Keys for all the Desktop Applications

### Tools

Keyboard Shortcuts allow you to control the way the model is displayed, its views, and the animation without having to go to the specific panels. These shortcuts become active once you have clicked in the graphics area.

**Function Keys (F1-F12)** allow you to access commonly used functionalities through the keyboard. This is common for all HyperWorks Desktop applications. You can also assign Tcl macros to "empty" function keys.

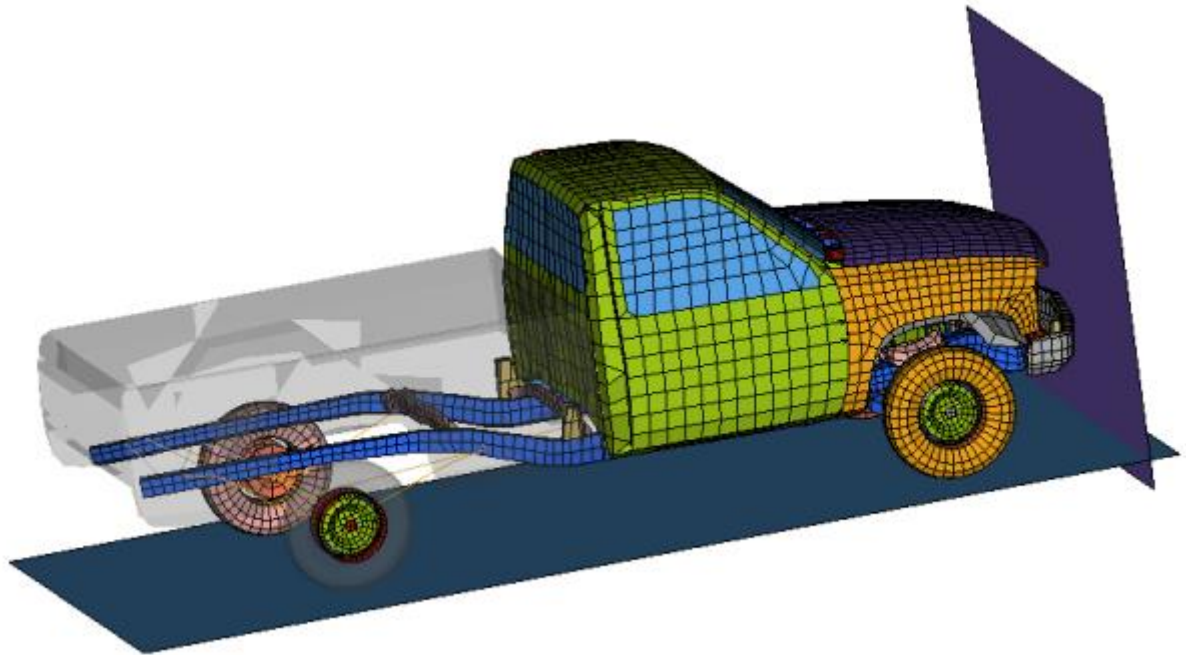
### Exercise: Using Keyboard Shortcuts

This exercise uses the result file, `d3plot`.

#### Step 1: Using Keyboard Shortcuts to change the view and attributes.

1. Load the `d3plot` file, located in the `animation\truck` folder.
2. Click in the graphics area of the screen.
3. Use the arrow keys on the keyboard to rotate the model.
4. With the **'H'** key on the keyboard pressed, click on the tire and the truck bed to turn them off.
5. Press **'T'** on the keyboard to turn transparency settings on.
6. Press **'L'** to turn on the feature lines.
7. Press **'M'** to turn on the mesh lines.
8. Press the **'+'** and **'-'** sign to zoom in and out respectively.

9. Press the '**F**' key to fit the model to the screen.




10. Press '**M**' again to turn off the mesh lines.

Except for '**F**' and '**H**', all keyboard shortcuts can be toggled on and off.

## Step 2: Using Keyboard Shortcuts to control the animation of a model.

1. Press '**Insert**' to start the animation.
2. Press '**Delete**' to stop the animation.
3. Press '**Home**' to go to the first step of the animation.
4. Press '**End**' to go to the last step of the animation.
5. Press '**Page Down**' to move to the next frame.
6. Press '**Page Up**' to move to the previous frame.

## Step 3: Using Function Keys.

1. Press '**F1**' to open help.
2. Close the help Window.
3. Press '**SHIFT** + '**F3**' to add a new page.
4. Go to the previous page, by clicking the **Previous Page** button  (which is located at the upper right corner of the window, below the menu bar area and above the graphics area).

5. Press '**SHIFT**+'**F8**' to add windows.
6. Press '**SHIFT**+'**F7**' to reduce the number of Windows.

The images below show the remaining options available for function keys.

	F1	F2	F3	F4
	Help			
Shift	Prev Page	Next Page	Add Page	Expand Window
Ctrl	Print Land	Print Land File	Print Portrait	Print Port File

	F5	F6	F7	F8
Shift	Browser	Full Screen	Less Windows	More Windows
Ctrl	PNG of Page	PNG of Window	AVI Full Page	AVI Box Selected

	F9	F10	F11	F12
		Alt Key		Save As...
Shift	New Session	Alt Key	Open Session	
Ctrl	H3D	Alt Key		