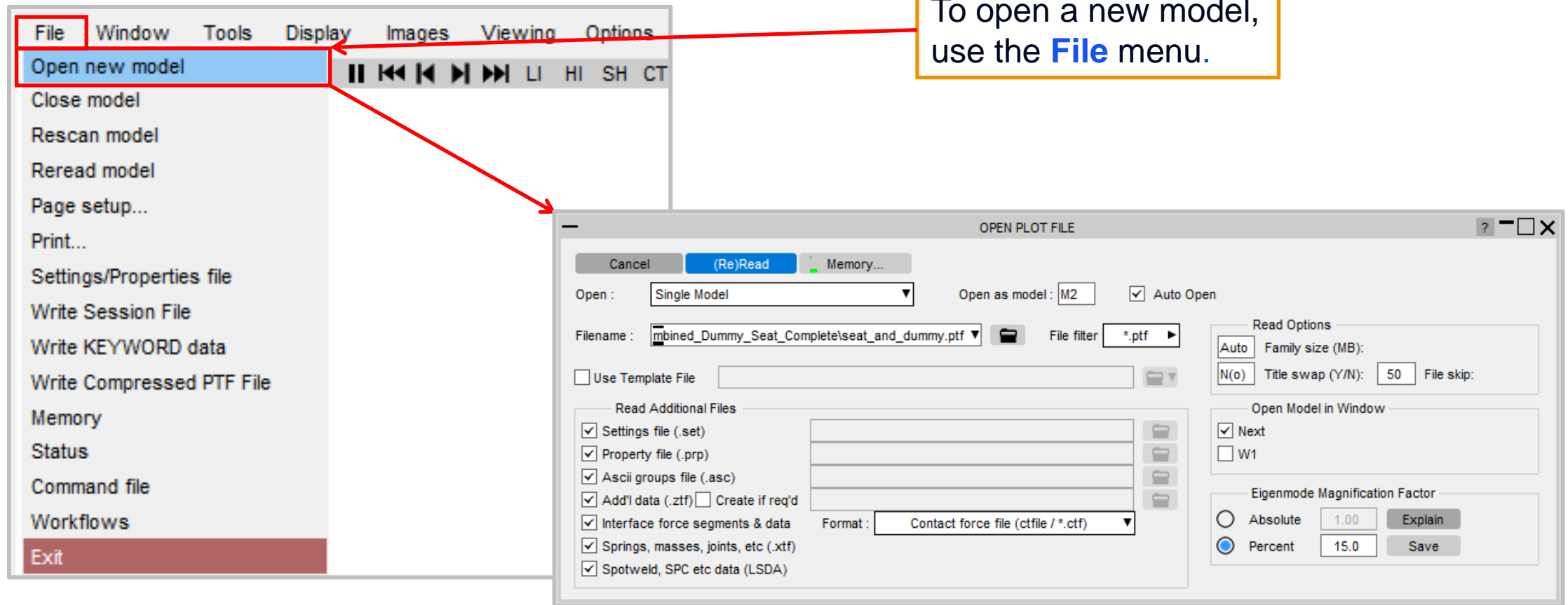


Multiple Windows & Models

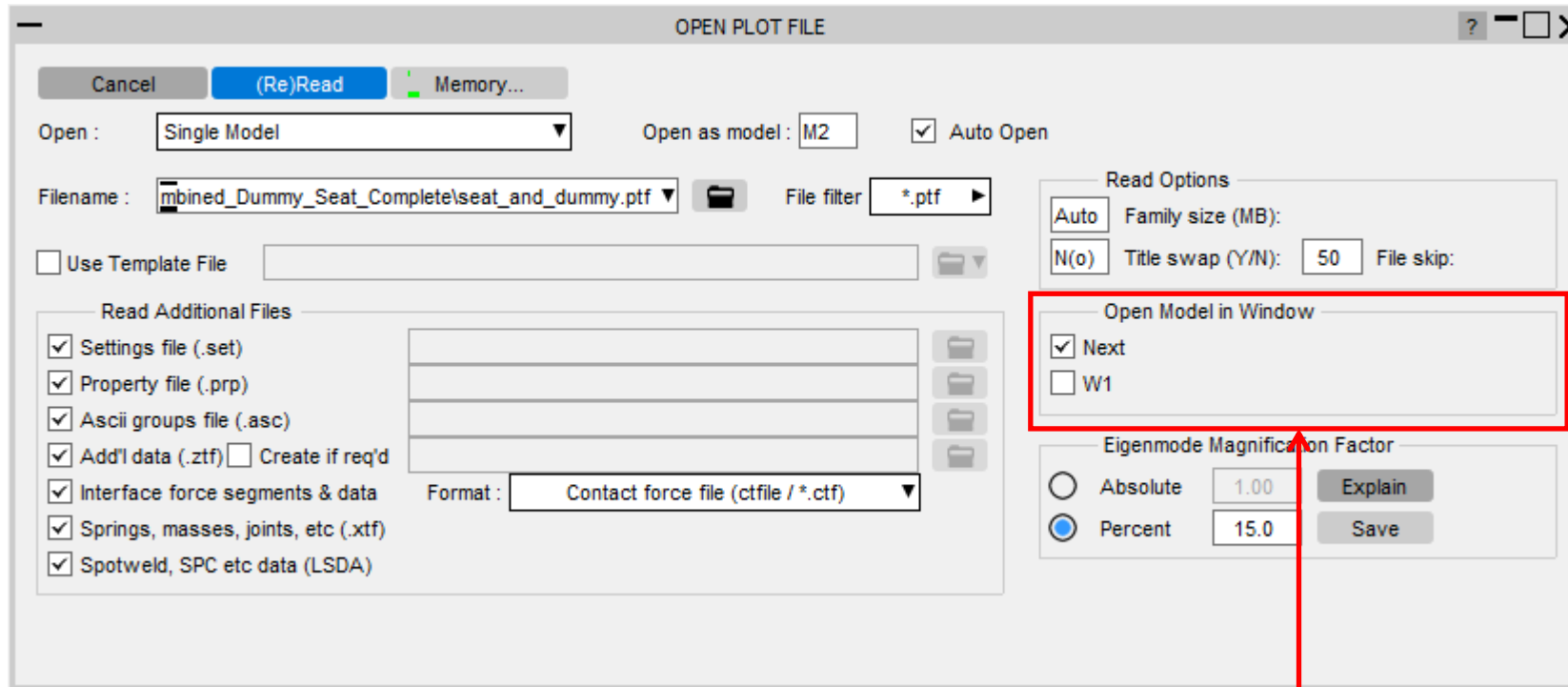


Multiple Models

- D3PLOT can accept up to a maximum of 32 models simultaneously, subject to memory limit on your computer.



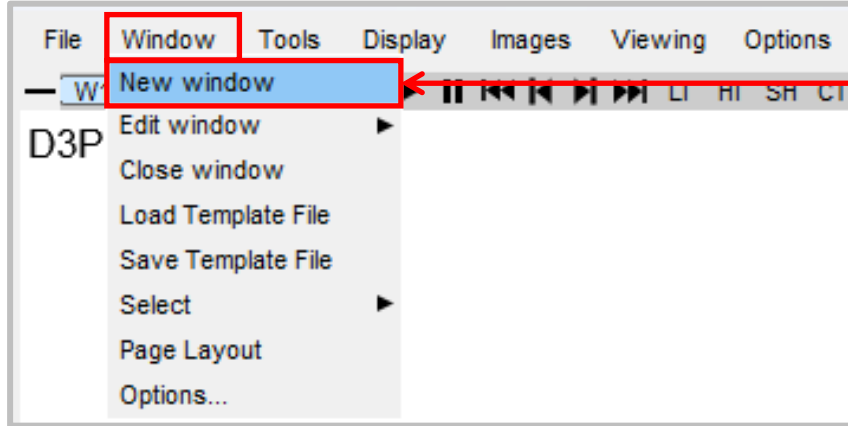
Multiple Models



By default, D3PLOT opens a new window for each new model (**Next**).

The new model(s) can be opened in a pre-existing window.
In this example '**W1**' is the existing window and can be selected.

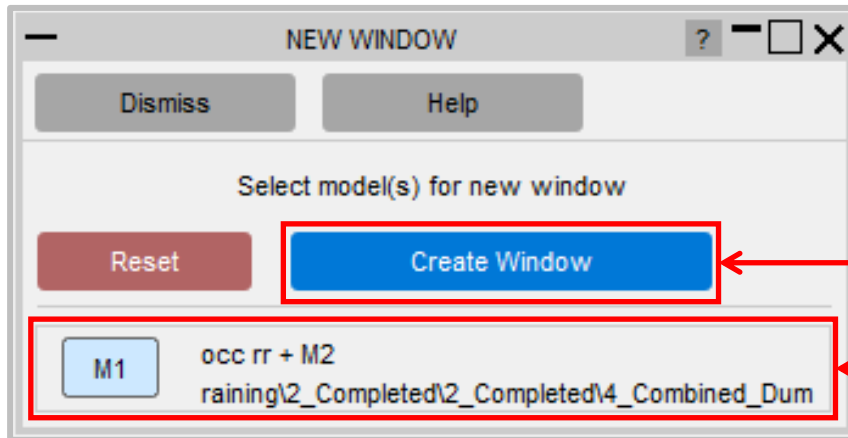
Multiple Windows



In addition to multiple models, D3PLOT can have up to a maximum of 32 windows open simultaneously.

This is useful for plotting different results in each window of the same model.

To open a new window, click the **New Window** button.



You can then select which model is to display in the new window (M1,M2,etc.).

Any combination of models in each window is permitted.

Once the models have been selected, click the **CREATE WINDOW** button and the model(s) should appear in a new window.

Multiple Windows

The **Edit Window** menu allows the attributes of models within a window to be changed.

The image shows the D3PLOT software interface. The top menu bar includes File, Window, Tools, Display, Images, Viewing, and Options. The 'Window' menu is open, showing options like New window, Edit window, Close window, Load Template File, Save Template File, Select, Page Layout, and Options... The 'Edit window' option is highlighted, and a sub-menu is visible with 'Window' and 'W1' options. A red arrow points from the 'W1' option to the 'EDIT WINDOW' dialog box.

The 'EDIT WINDOW' dialog box is titled 'EDIT WINDOW' and has buttons for Dismiss, Apply, and Help. It shows 'Window W1 (Models: M1)' and a 'Reset All' button. Below this, there is a section for 'Model (drawn)' with a table of models and their display settings. The 'All' model is checked, and the 'M1' model is also checked. The 'Offset...' button is highlighted. A red arrow points from the 'Offset...' button to the 'EDIT WINDOW' dialog box.

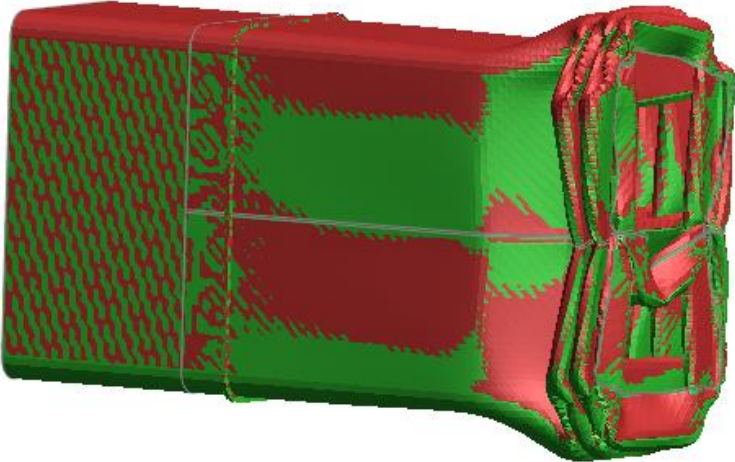
Text boxes with arrows pointing to the 'EDIT WINDOW' dialog box:

- Plot modes for each model can be selected (Wireframe, Shaded, etc).
- The colour by model option sets a constant colour for a model.
- Toggle the model display on/off.

Model Offset

The **Edit Window** menu also allows spatial offsetting between models.

D3PLOT: M1: Al 6005-T6 Crush Tube
M2: Al 6005-T6 Crush Tube



EDIT WINDOW

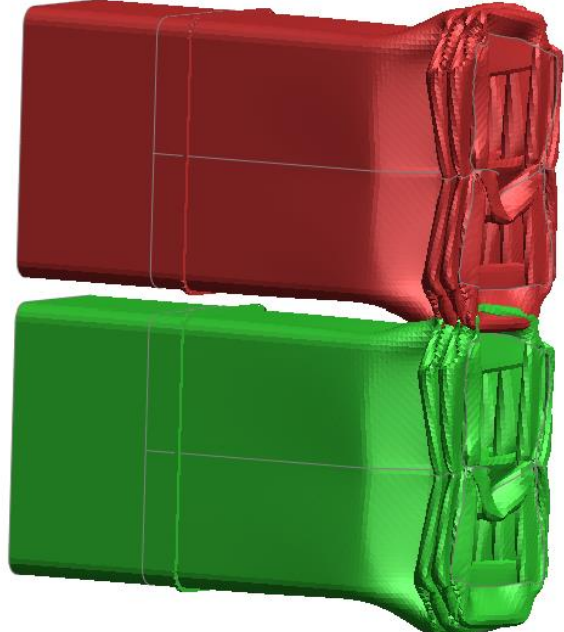
Dismiss Apply Help

Window W1 (Models: M1, M2)

Reset All

Model (drawn) ☐ Show Offsets as Percentages

	Offset...	X Offset	Y Offset	Z Offset	Mode	Colour
All <input checked="" type="checkbox"/>						
M1 <input checked="" type="checkbox"/>	No Offset	0.0	0.0	0.0	Current	Def
M2 <input checked="" type="checkbox"/>	Model space	150.0	0.0	0.0	Current	Def

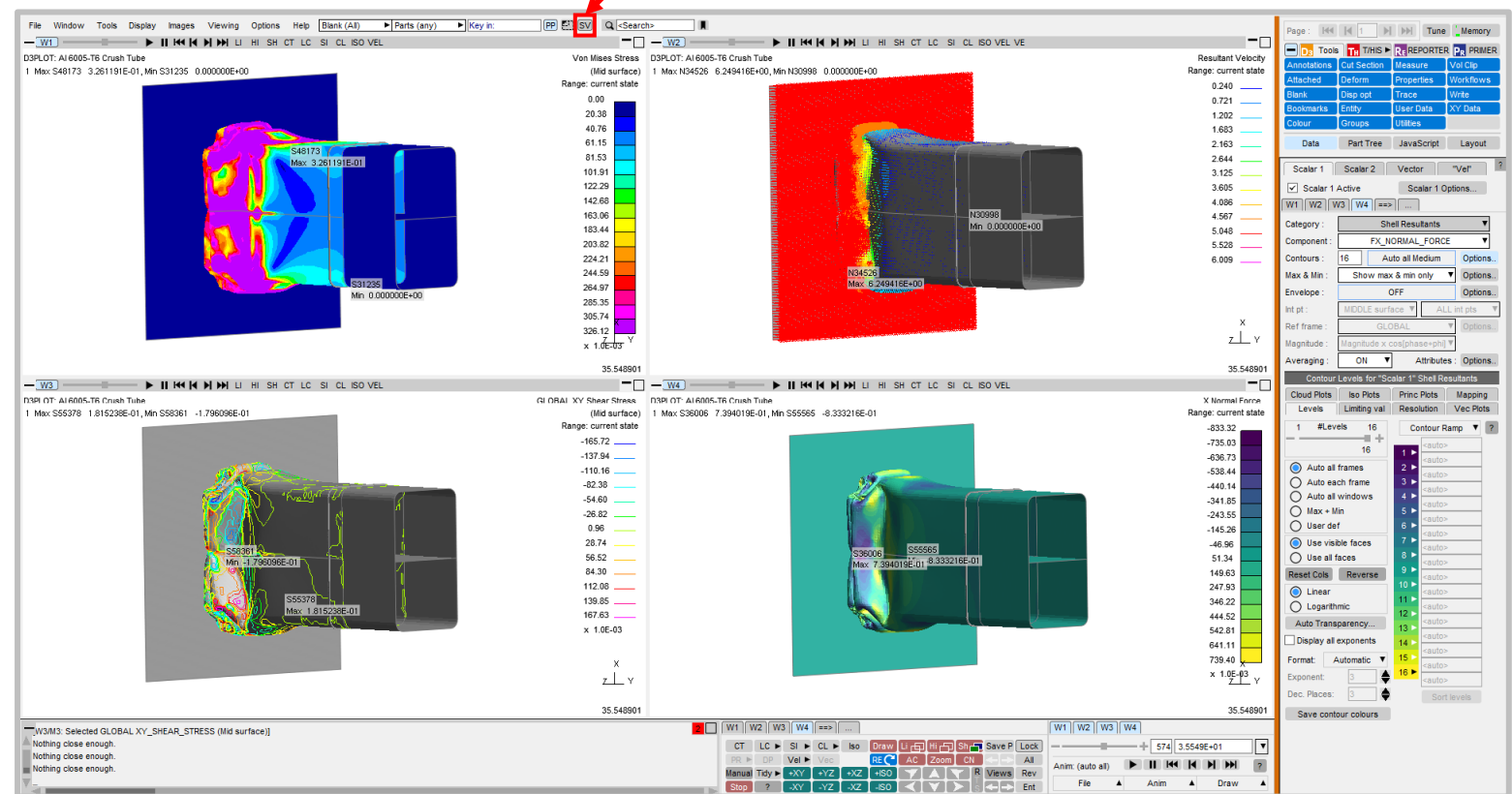


Multiple Window Manipulation

The user may wish to show different results of the same model simultaneously. This can be done by adding multiple windows of the same model and then changing each window to display what is required.

The **SV** (Synchronise View) button can be used to synchronise dynamic viewing across all windows. Pressing the **Caps Lock** button on a keyboard also activates Synchronise View.

Each window can have a different model view, blank different model parts, plot different data, and have unique options (e.g. number of contours, integration point, etc).



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