



Select Parts

## INTRODUCTION

Manipulating parts is one of the fundamental operations in EnSight. Before you operate on parts, they must be selected in the Main Parts list. Parts can either be selected through standard mouse interaction with the items in the Main Parts list or selected by picking parts in the Graphics window.

## BASIC OPERATION

### Selecting Parts using the Main Parts List

Items in the Parts List are selected using standard Motif methods:

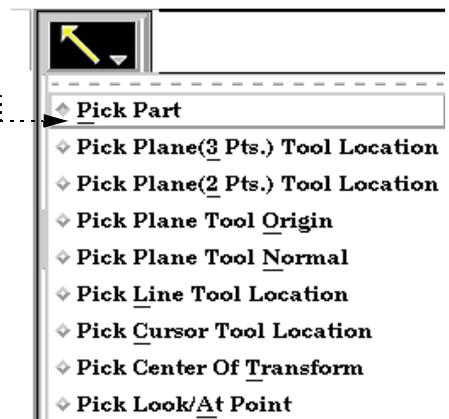
To ...	Do this ...	Details ...
Select an item	Select (or single-click)	Place the mouse pointer over the item and click the left mouse button. The item is highlighted to reflect the "selected" state.
Extend a contiguous selection	Select-drag	Place the mouse pointer over the first item. Click and hold the left mouse button as you drag over the remaining items to be selected. Only contiguous items may be selected in this fashion.
Extend a (possibly long) contiguous selection	Shift-click	Select the first item. Place the mouse pointer over the last item in the list to be selected. Press the shift key and click the left mouse button. This action will extend a selection to include all those items sequentially listed between the first selection and this one.
Extend a non-contiguous selection	Control-click	Place the mouse pointer over the item. Press the control key and click the left mouse button. This action will extend a selection by adding the new item, but not those in-between any previously selected items.
De-select an item	Control-click	Place the mouse pointer over the selected item. Press the control key and click the left mouse button. This action will de-select the item.
Open the Quick Interaction Area for a part	Double-click	Place the mouse pointer over the item and click the left mouse button twice in rapid succession.

### Selecting Parts by Picking

Parts can also be selected by "picking" them in the Graphics window. To select parts by picking:

1. Click **Part** in the **Mode Selection** area to enter **Part Mode**.
2. From the **Pick** pulldown icon, select **Pick Part**.  
(Note that this is the default, and this setting will be retained until explicitly changed.)
3. Position the mouse pointer over the desired part in the **Graphics Window** and press the 'p' key (see below regarding how parts are identified).

Note that the picked part is now selected in the Main Parts list.



Parts are identified for picking as follows. If the part (as represented on the client) consists of surface (2D) elements, a pick will occur if the mouse cursor is over any portion of the surface – even if the part is drawn in line mode and the mouse was over the middle of the element (and not over one of the visible lines). If the part is drawn as 1D elements (e.g. the part is in feature angle representation), the mouse must be over one of the visible lines of the part.

By default, when you press the 'p' key any previously selected parts are de-selected. Holding down the Control key as you hit 'p' modifies this behavior: if the picked part is not currently selected, it will be *added* to the existing selection (so you can select multiple parts by picking), otherwise the picked part is de-selected.



## OTHER NOTES

Selecting View > Show Selected Parts will open a small graphics window that will only display the parts currently selected in the Main Parts list. This can be helpful when trying to select multiple parts from a large list.

## SEE ALSO

User Manual: [“Part Selection and Identification”](#)