

Manipulating simulation information

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When simulating a model, you can manipulate simulation information not only in the **Simulation** window but in diagrams as well. For example, you can change runtime values or send a trigger directly on Part shapes.



Types of diagrams

You can manipulate simulation information only in diagrams that are based on a Composite Structure Diagram.

Changing runtime values

You can change the runtime values of Part properties directly in diagrams the same way you change them in the **Variables** pane of the **Simulation** window.

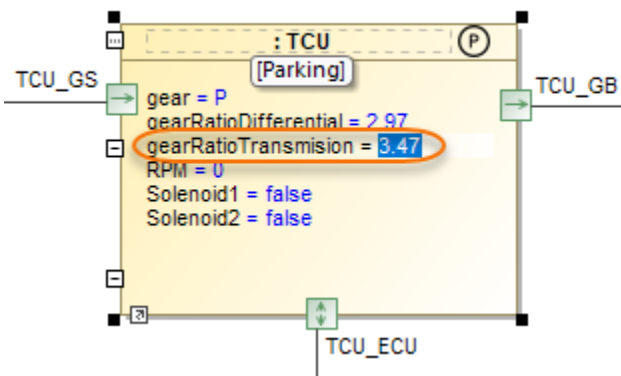


Prerequisites

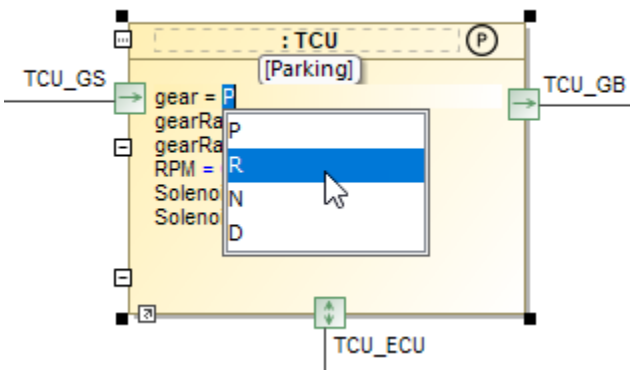
In order to display and change runtime values in diagrams, the **Show Runtime Values on Part Shapes** animation option must be enabled. For more information, see [Disabling and enabling animation options](#).

To change runtime values on Part shapes

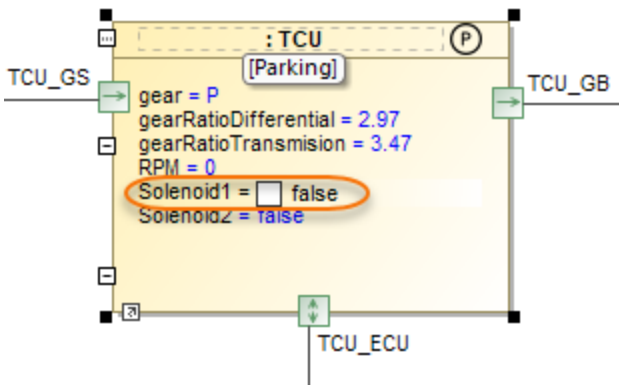
1. During model simulation, select a Part shape and click a runtime value you want to change.
2. Enter a new runtime value and press Enter. The figure below shows how to change different types of values.



Changing a numeric runtime value.



Changing an enumeration runtime value.



Changing a boolean runtime value.

When you change runtime values of Value Properties as described above, the simulation data is updated in real-time accordingly.

Sending a signal

When simulating a model, you can send a signal directly from a Part shape in a diagram the same way you would send it in the **Sessions** pane of the **Simulation** window. If it is possible to send a signal, a special button is displayed on a Part shape after selecting it.

To send a signal from a Part shape

1. During model simulation, select the shape of the Part from which you want to send a signal.
2. Click the signal icon next to the part shape as displayed below. If you can send more than one signal, the icons of all available signals are displayed.

