Lab 3: Moving Parts within the Product Document.

Objective

The objective of this lab is to introduce the procedure of moving a Part within a Product Document using the Compass Manipulation Tool.

Lab 3 Agenda

1. Activating the Product Document
2. Activating the Compass
   - Assigning the Compass to Part 2.
   - Moving the extruded cylinder within the Product Document Product1_ROOT.

Activating the Product Workbench

Double-Click the branch of the Specification Tree labeled Product1_ROOT.

Notice that the Icon shown to the left of this branch has two gears. This icon always identifies a Product document, and can be used to activate the Motion Product Design Workbench.

Once this icon has been selected the Motion Product Design Workbench should appear with the following Icon:
Activating the Compass.

Once the Product Workbench is activated, Right-Click on the Compass at the top right-hand corner of the Model Display.

From the displayed menu, Select **Snap Automatically to Selected Object**.

Assigning the Compass to Part 2:

Within the Model display select on the top surface of the solid cylinder just extruded in Lab Session 2. The compass should turn green and move to the origin of Part 2.

Moving the extruded cylinder within the Product Document

**Product1_ROOT:**

Using the left mouse button, select and hold on the w/z axis of the compass. While holding the mouse button, drag the mouse cursor upward in the Model Display window. The solid cylinder of Part 2 should translate upward relative to the origin of the GlobalFixedToGround Part.
To refresh the compass, select on the Compass Manipulation Handle (red square), and drag the compass to an open space within the Model Display. The compass should return to the top right-hand corner of the screen. Right-Click on the compass and un-select the Snap Auto function.

This concludes Lab Session 3.