



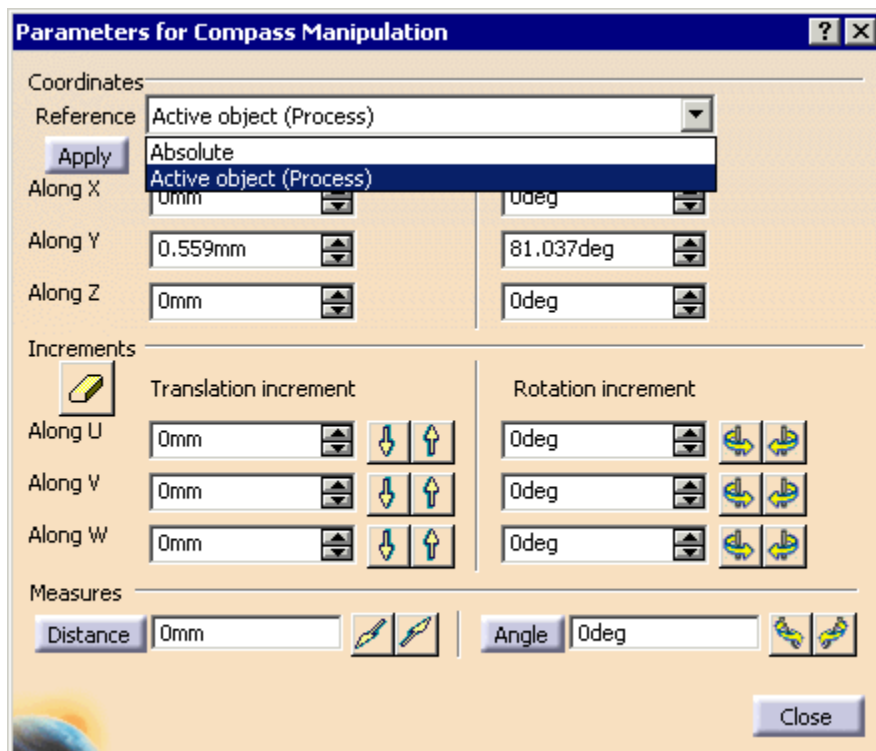
Adding Advanced Part Motion



This procedure describes how to manipulate the compass independently of the part. This enables you to define an auxiliary rotation access and to align the compass with another piece of geometry.



1. Click **Move Activity**  to begin the process of defining a move activity.
2. Select the part on the assembly. The compass attaches itself to the part.
3. On the **Manipulation** toolbar, click **Edit 3D Compass** . The **Parameters for Compass Manipulation** dialog box appears.








The dialog box titled "Parameters for Compass Manipulation" contains the following sections:

- Coordinates:**
 - Reference: Active object (Process)
 - Apply: Absolute
 - Along X: 0mm, 0deg
 - Along Y: 0.559mm, 81.037deg
 - Along Z: 0mm, 0deg
- Increments:**
 - Translation increment:
 - Along U: 0mm
 - Along V: 0mm
 - Along W: 0mm
 - Rotation increment:
 - 0deg
 - 0deg
 - 0deg
- Measures:**
 - Distance: 0mm
 - Angle: 0deg

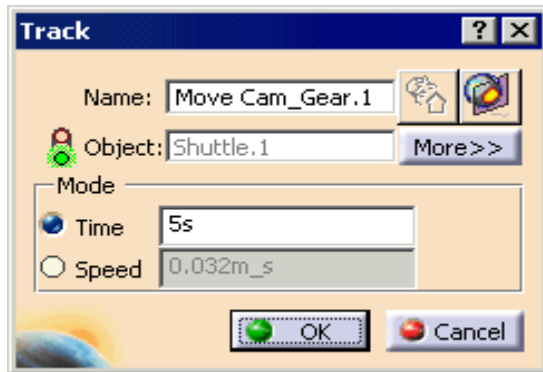
A "Close" button is located at the bottom right.


By selecting the active object as the reference for the compass, users can:

- create move activities that move the part with respect to the local axis; or,
 - move the part with respect to the local axis defined in the process document.
4. You can alter the viewpoint of the compass using either the **Parameters for Compass Manipulation** dialog box or **Attach/Detach** .
 - To use the dialog box, complete the data and click **Close**. The **Edit Shuttle** dialog box is no longer hidden. (Go to the [step below](#).)
 - To use the **Manipulation** toolbar, perform the following steps:
 - Click **Close** on the **Parameters for Compass Manipulation** dialog box.

- Click **Attach/Detach** . The hand on the icon "detaches." 
- Move the compass on the part so that it is oriented in the desired way.
- Click **Attach/Detach** . The hand "attaches" the object again. 

5. Click **OK** in the **Edit Shuttle** dialog box. The **Track** dialog box appears.



6. Move the part to the desired location, clicking **Record (Insert)**  at least once, and as often as required to track the movement.



See [Creating Move Activities](#) for a more detailed description of how to use **Recorder** pop-up toolbar commands.

7. Click **OK** in the **Track** dialog box.

