

Creo Assembly: Creating Exploded View

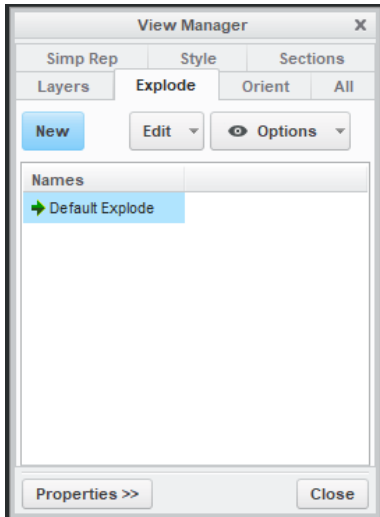
By: Matthew Jourden

Brighton High School

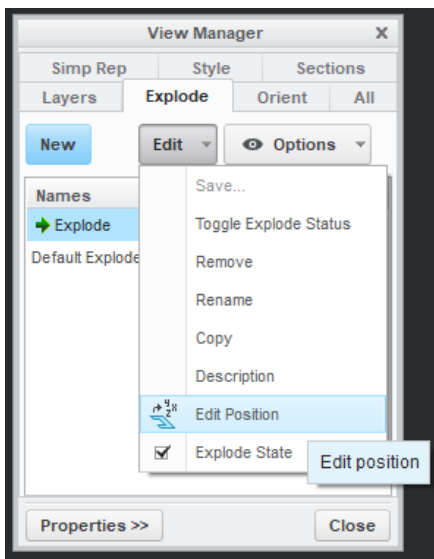
Brighton, MI

Exploded Assembly Goal: is to show spacing between parts to indicate how the parts would be assembled.

1. Open Assembly
2. Click on View Tab > Click on Manage Views Icon > Explode Tab from pop-up Menu

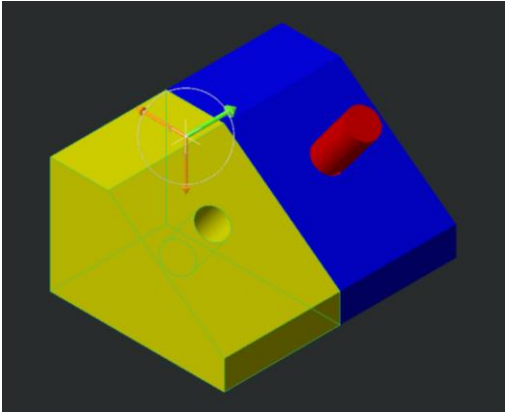


3. Click New > Name it Explode (Best practice is to always rename default names) > Press Enter (Creo takes a snapshot of current model part placement) > Click Edit > Edit Position (This will move the user into the edit component movement)

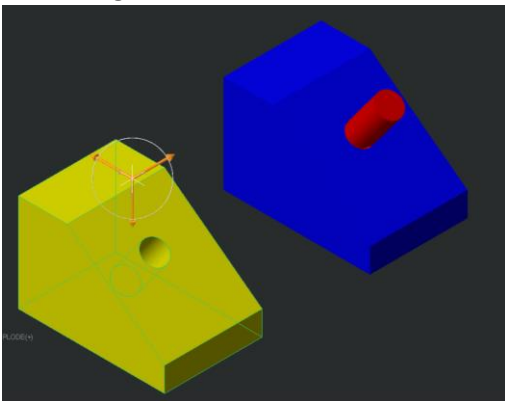


4. Left Click on Par to Move > Dragger will appear > Place cursor on the direction the user wants to move the part. NOTE: Typically a part will only move in one direction. GOAL: is to have the parts be able to push back together in one axis direction.

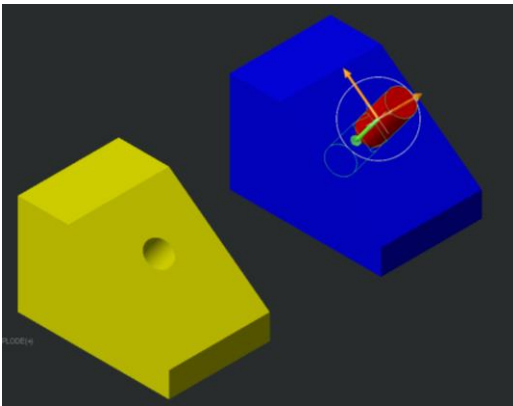
Select Part



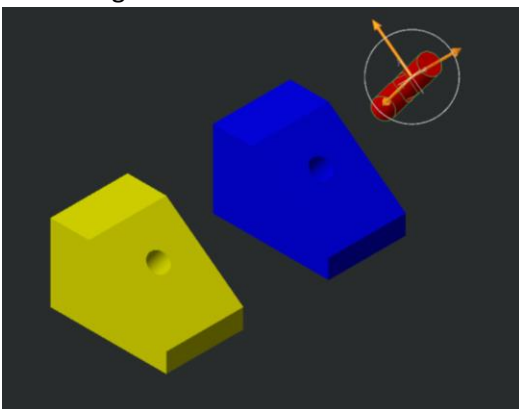
After Drag



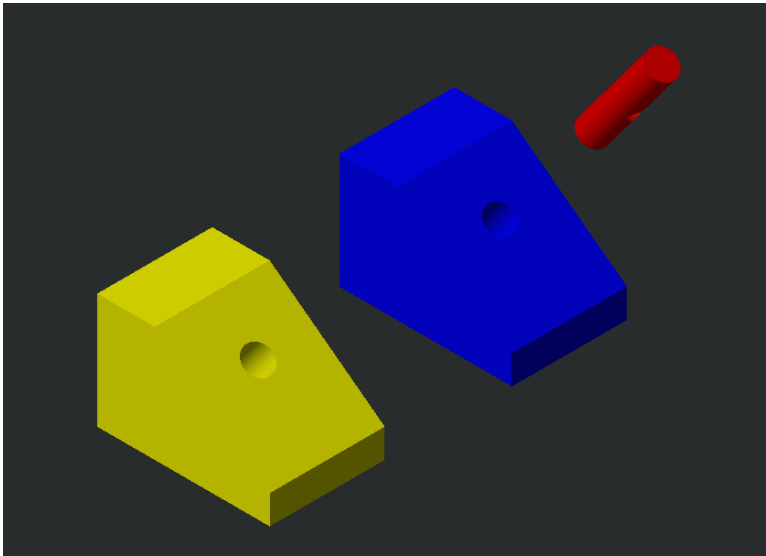
Select Part



After Drag

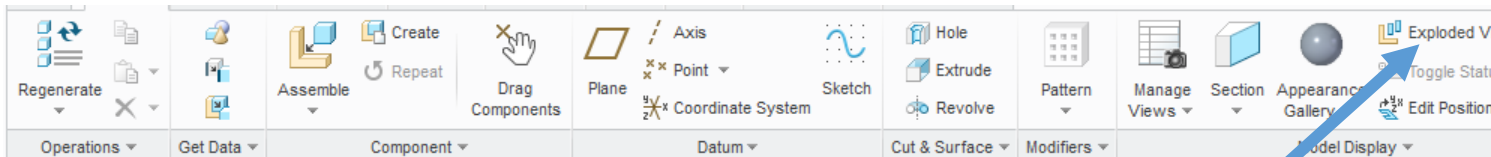
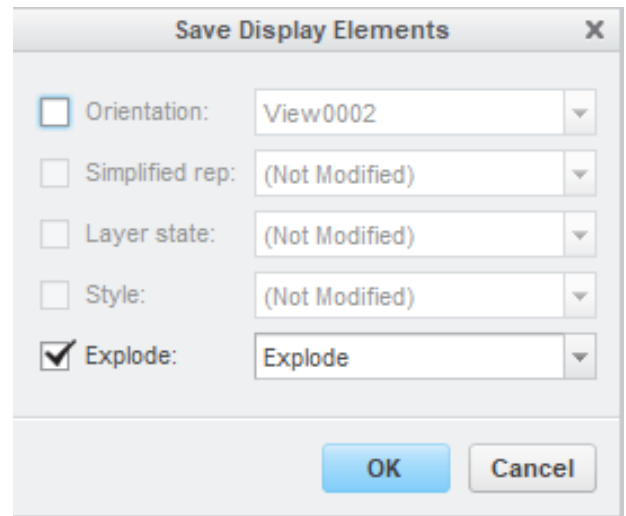
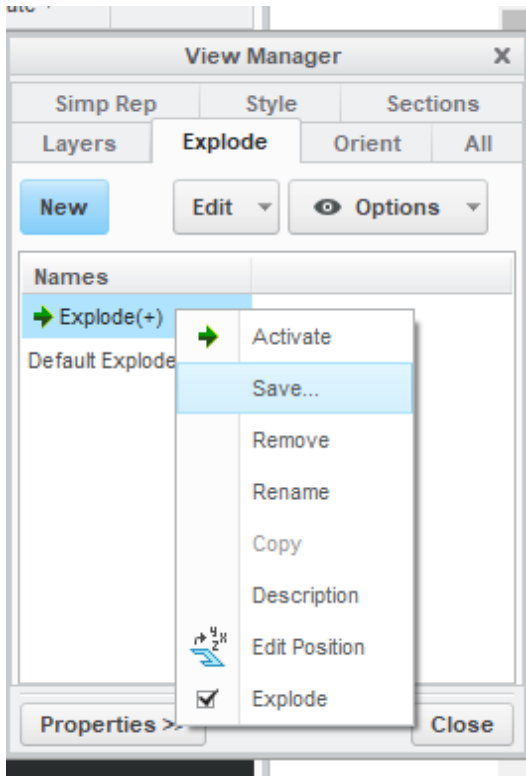


5. Provide a visible Gap between parts. Notice the gap between the parts is about the same



6. Plus (+) will appear next to the Active Explode View. This means a change has been made on that View and if the user wants to Overwrite the changes.

Overwrite Changes: Right Click on View Name > Select Save > Pop Menu Select View Name to over > Click OK

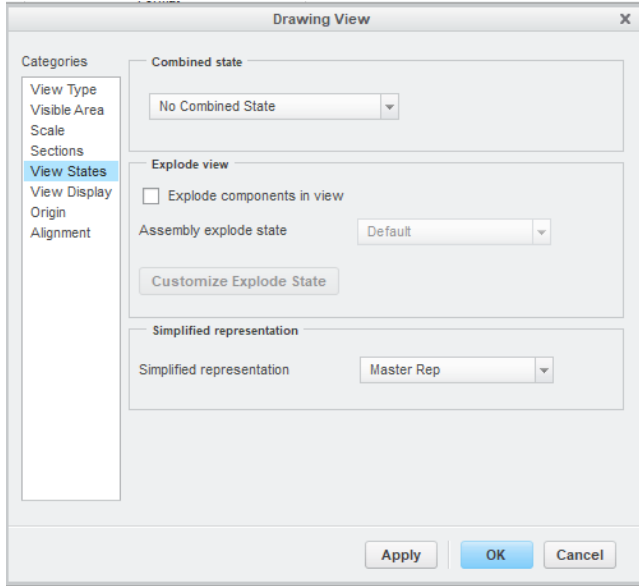


Deactivates Explode View

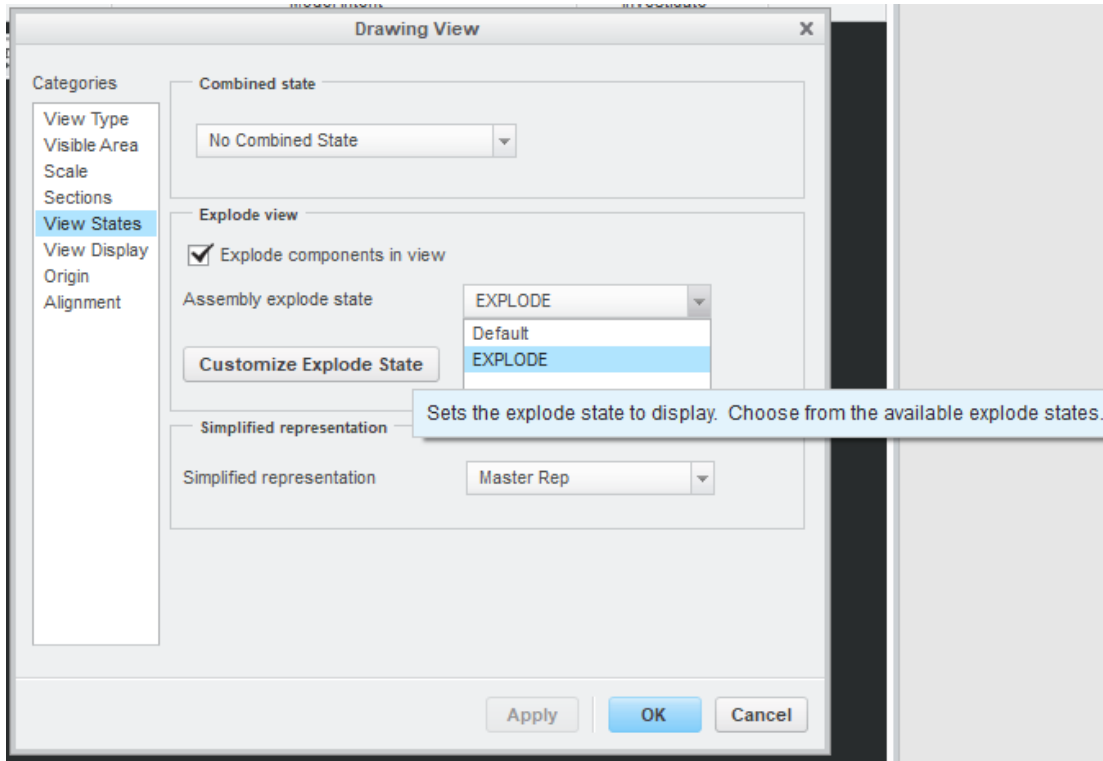
Part 2: Layout

Start a Layout like normal.

1. Setup a drawing as normal > Place Assembled View like normal
2. In the Properties Menu Click on View States



3. Check the Explode State > Select the Explode Name to be placed



4. View Display for Pictorial View > NO Hidden > Tangent Edges = Default

