

Door Factory Standard - How to Manually Swap in New Handles

Instructions for manually swapping handles into the RevitWorks Door Factory Doors.

User Notes

1. The easiest way of creating RevitWorks doors with different handles is to use either the free RevitWorks Door Factory PREVIEW add-in (for single and double hinged doors) or the RevitWorks Door Factory PREMIUM add-in (for the full-range of doors) available from the [RevitWorks website](#).
2. The following procedure is for Revit users who are either using Revit LT, (which doesn't allow for add-ins) or are only licenced to use the RevitWorks Door Factory Standard.
3. The procedures assume a working knowledge of the Revit Family Editor.
4. If the handles that you want to manually swap into your door have not been saved out of your project, you will need to edit them within Revit and "Save-as" to a temporary location.
5. **If you need to swap the panels as well – do not use this procedure: Use the "How to Manually Swap in New Panels" procedure instead (which also covers handles)**

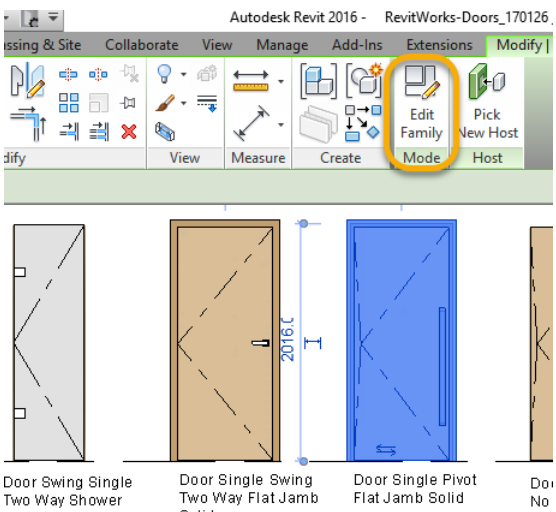
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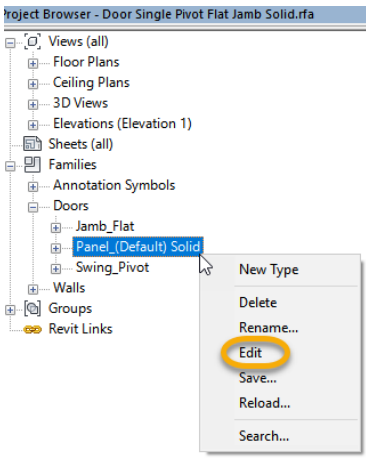
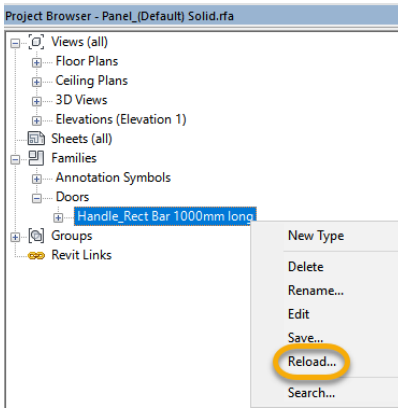
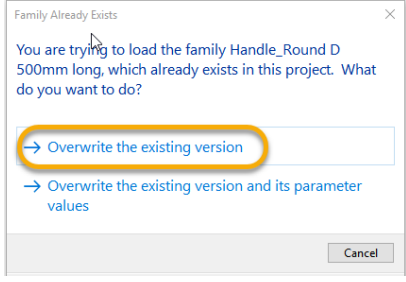
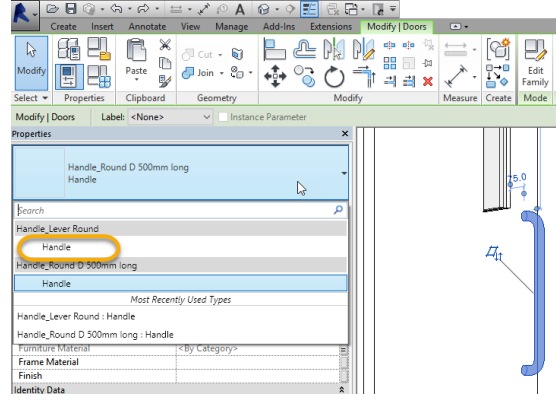
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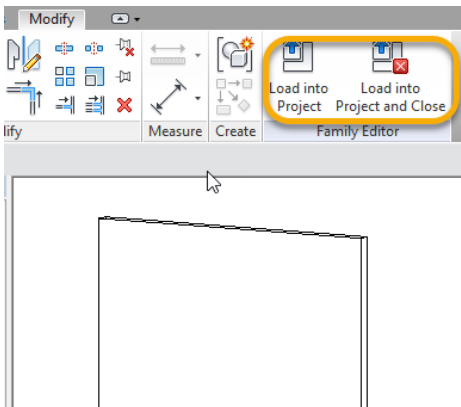
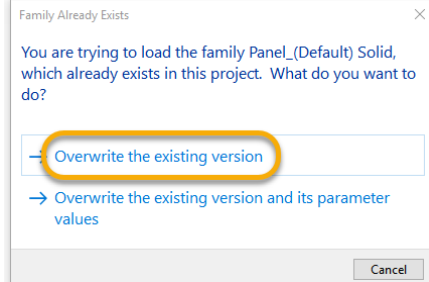
Single Leaf Doors

(Single Hinge, Single Pivot, Single Hatches, All single sliders and Garage doors)

Please ensure that you have already saved the desired new handle to a retrievable location.

#	Item	Notes/ Explanation
1.	<p>Select Existing Door</p> <p>Within Revit select the single leaf RevitWorks door that you want to swap the new handle into and "Edit Family"</p>	 <p>The screenshot shows the Revit ribbon with the 'Edit Family Mode' button circled in orange. Below the ribbon are four door icons representing different door types: a grey shower door, a brown swing door, a blue pivot door, and a brown door with no handle.</p>

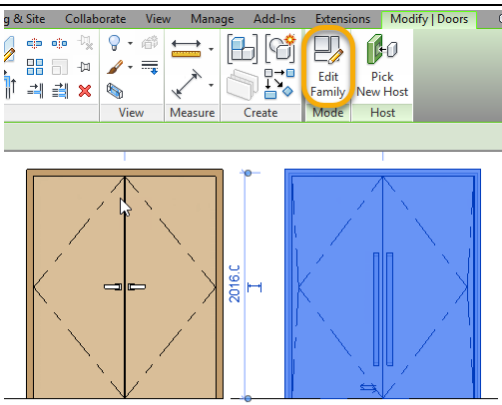
#	Item	Notes/ Explanation
2.	<p>Select Existing Panel</p> <p>Within the Family Editor of the <i>door</i> family, locate the “Panel_” family within the project browser and: <right-click> “Edit”</p>	 <p>Project Browser - Door Single Pivot Flat Jamb Solid.rfa</p> <ul style="list-style-type: none"> Views (all) <ul style="list-style-type: none"> Floor Plans Ceiling Plans 3D Views Elevations (Elevation 1) Sheets (all) Families <ul style="list-style-type: none"> Annotation Symbols Doors <ul style="list-style-type: none"> Jamb_Flat Panel (Default) Solid Swing_Pivot Walls Groups Revit Links <p>Context menu options: New Type, Delete, Rename..., Edit, Save..., Reload..., Search...</p>
3.	<p>Select Existing Handle</p> <p>Within the Family Editor of the <i>panel</i> family, locate the “Handle_” family within the project browser and: <right-click> “Reload”</p>	 <p>Project Browser - Panel (Default) Solid.rfa</p> <ul style="list-style-type: none"> Views (all) <ul style="list-style-type: none"> Floor Plans Ceiling Plans 3D Views Elevations (Elevation 1) Sheets (all) Families <ul style="list-style-type: none"> Annotation Symbols Doors <ul style="list-style-type: none"> Handle_Rect Bar 1000mm long Groups Revit Links <p>Context menu options: New Type, Delete, Rename..., Edit, Save..., Reload..., Search...</p>
4.	<p>Select New Handle</p> <p>Navigate to the saved position of the handle you want to swap in and select it.</p> <p>When the “Family Already Exists” dialog appears, Click “Override Existing Version”</p>	 <p>Family Already Exists</p> <p>You are trying to load the family Handle_Round D 500mm long, which already exists in this project. What do you want to do?</p> <p>Buttons: Overwrite the existing version, Overwrite the existing version and its parameter values, Cancel</p>
4a.	<p>Optional – Select another handle</p> <p>If you require a different handle to the other side of the door leaf:</p> <ol style="list-style-type: none"> 1. Load another handle into your family using Insert/ Load Family 2. Select the relevant handle from a 3d or elevation view and change its type to the new handle 	 <p>Revit Properties Palette: Handle_Round D 500mm long</p> <p>Properties: Handle, Handle_Round D 500mm long</p> <p>Most Recently Used Types: Handle_Round D 500mm long - Handle</p> <p>3D View: Door handle assembly with a blue handle.</p>

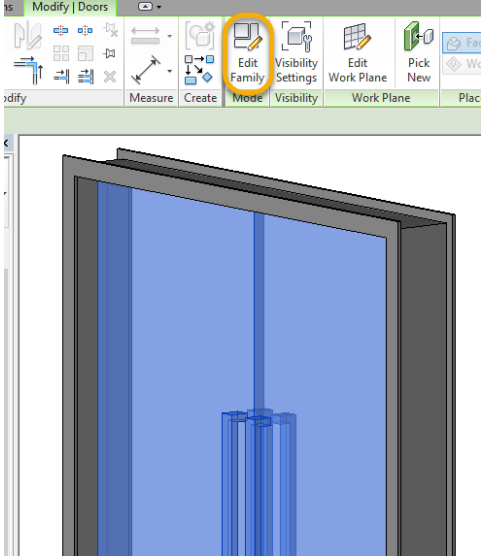
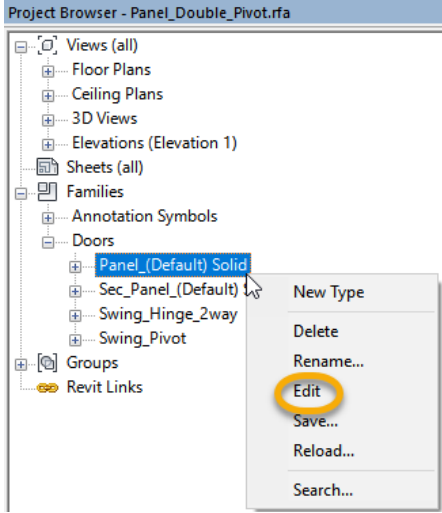
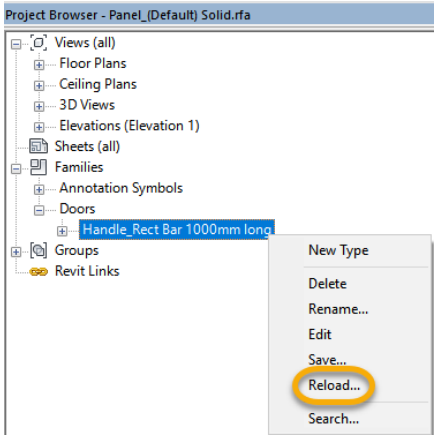
#	Item	Notes/ Explanation
5.	<p>Load Panel into your Door Family</p> <p>Load back into your door family by using the “Load into Project” (or Load into Project and Close”) command</p>	
6.	<p>Overwrite Existing Panel</p> <p>When the “Family Already Exists” dialog appears, Click “Override the existing version”</p>	
7.	<p>Save As</p> <p>Save-as and give your door a new name. Your new door is now ready to be loaded into your project.</p>	

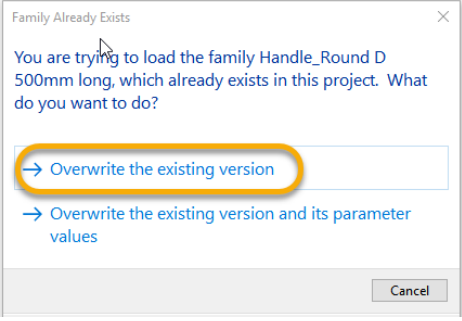
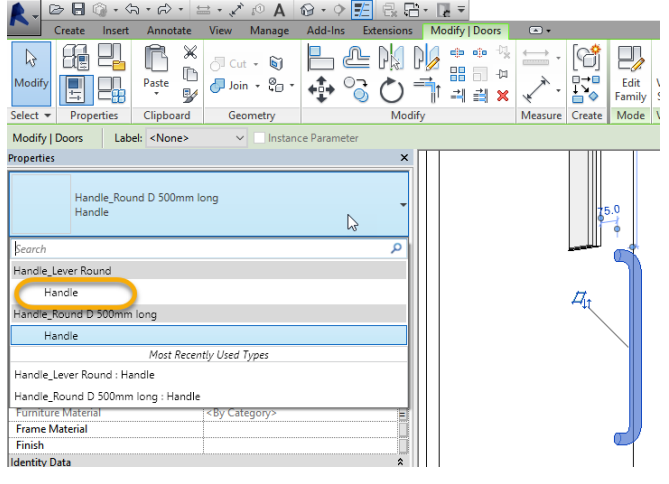
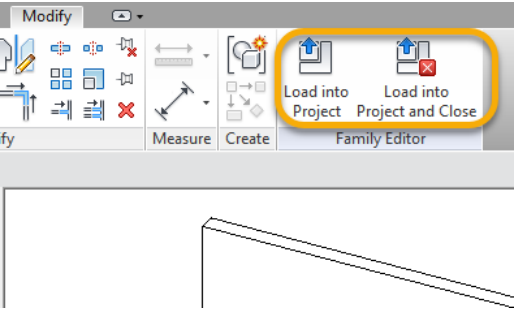
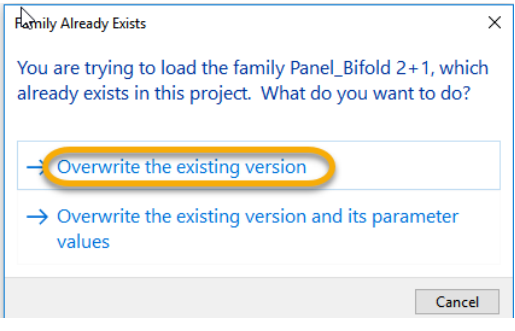
Double Leaf Doors

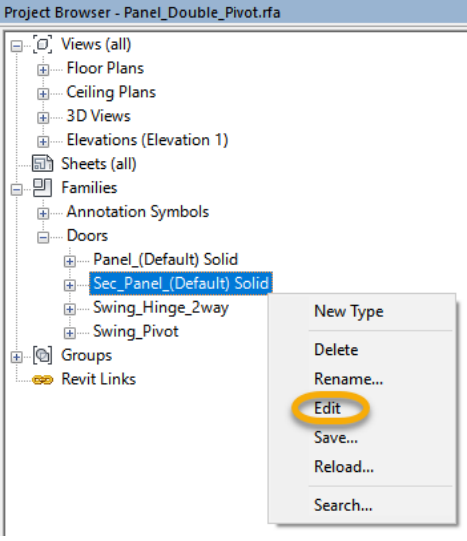
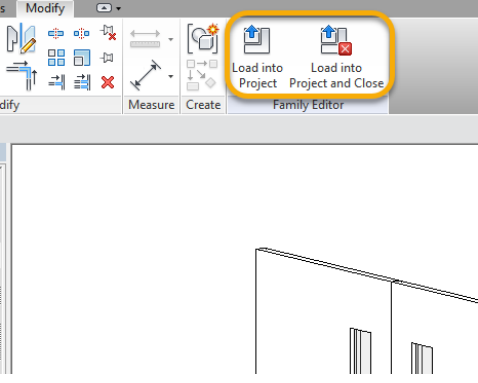
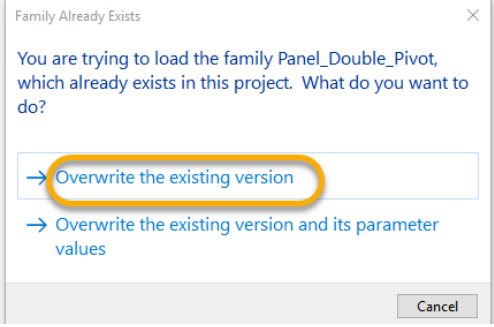
(Double Hinge, Double Pivot, Double Hatches, 1+1 Surface Sliders and 1+1 Pocket Sliders)

Please ensure that you have already saved the desired new handle to a retrievable location.

#	Item	Notes/ Explanation
1.	<p>Select Existing Door</p> <p>Within Revit select the single leaf RevitWorks door that you want to swap the new handle into and “Edit Family”.</p>	 <p>Door Double Swing 2 Way Flat Jamb Solid</p> <p>Door Double Pivot Flat Jamb Solid</p>

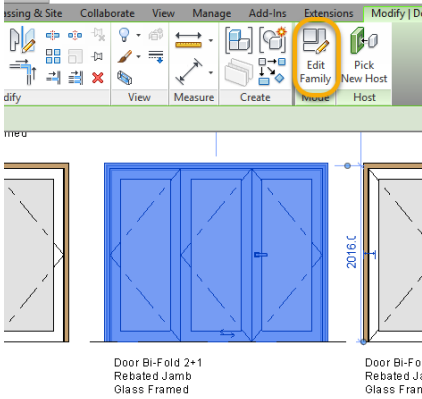
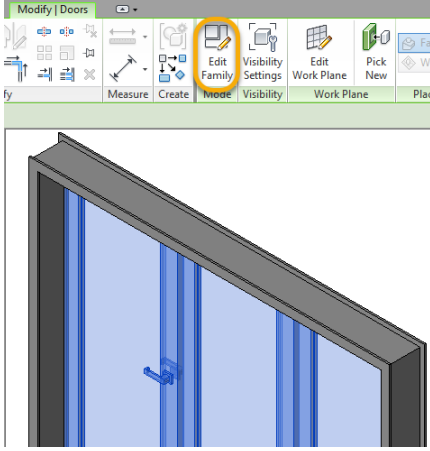
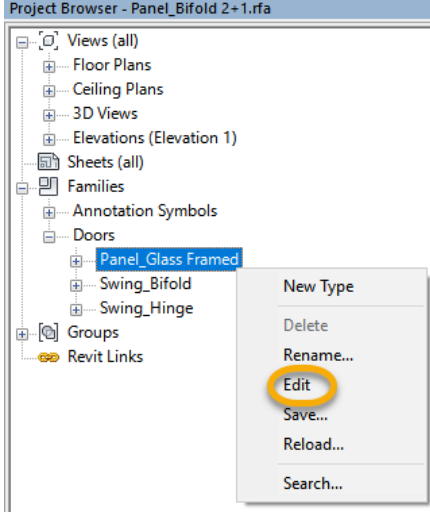
#	Item	Notes/ Explanation
2.	<p>Select Double Panel</p> <p>Within the Family Editor of the <i>door</i> family, select the double panel family and “Edit Family”</p>	 <p>The screenshot shows the Revit Family Editor interface for a door family. The ribbon at the top has several tabs: 'Modify', 'Measure', 'Create', 'Mode', 'Visibility', 'Work Plane', and 'Place'. The 'Mode' tab is active, and the 'Edit Family' button is circled in orange. Below the ribbon, a 3D view of a double-panel door is shown.</p>
3.	<p>Select Existing <i>Primary</i> Panel</p> <p>Within the Family Editor of the <i>double panel</i> family, locate the “Panel_” family within the project browser and: <right-click> “Edit”</p>	 <p>The screenshot shows the Project Browser for a file named 'Panel_Double_Pivot.rfa'. The tree view is expanded to 'Families' > 'Doors'. The item 'Panel_(Default) Solid' is selected, and a context menu is open over it. The 'Edit' option in the context menu is circled in orange.</p>
4.	<p>Select Existing Handle</p> <p>Within the Family Editor of the <i>panel</i> family, locate the “Handle_” family within the project browser and: <right-click> “Reload”</p>	 <p>The screenshot shows the Project Browser for a file named 'Panel_(Default) Solid.rfa'. The tree view is expanded to 'Families' > 'Doors'. The item 'Handle_Rect Bar 1000mm long' is selected, and a context menu is open over it. The 'Reload...' option in the context menu is circled in orange.</p>

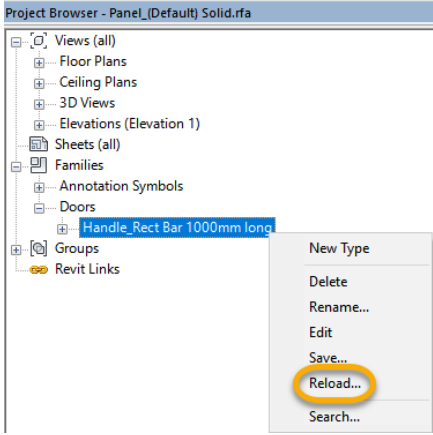
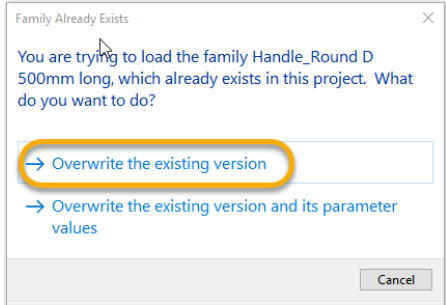
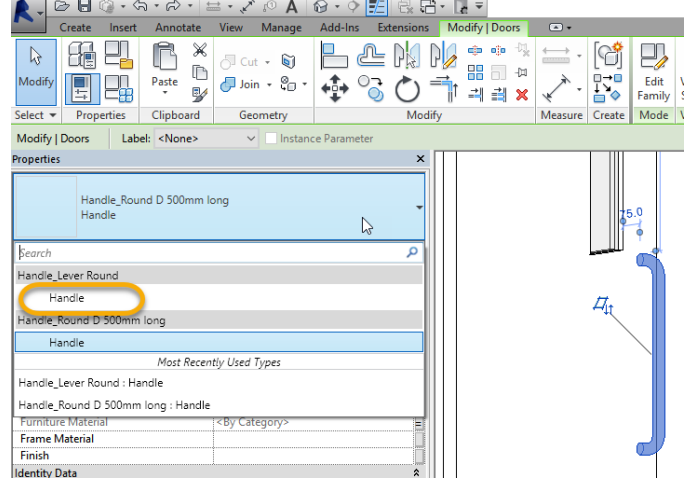
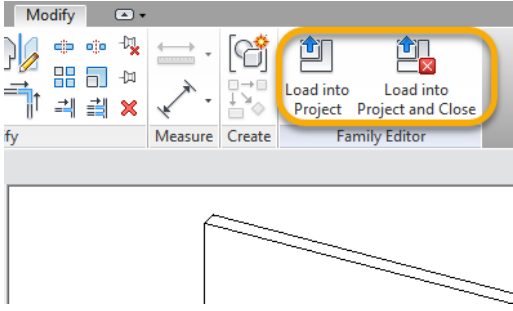
#	Item	Notes/ Explanation
5.	<p>Select New Handle</p> <p>Navigate to the saved position of the handle you want to swap in and select it.</p> <p>When the “Family Already Exists” dialog appears, Click “Override Existing Version”</p>	
5a	<p>Optional – Select another handle</p> <p>If you require a different handle to the other side of the door leaf:</p> <ol style="list-style-type: none"> 1. Load another handle into your family using Insert/ Load Family 2. Select the relevant handle from a 3d or elevation view and change its type to the new handle 	
6.	<p>Load Primary Panel into your Double Panel Family</p> <p>Load back into your double panel family by using the “Load into Project” (or Load into Project and Close”) command</p>	
7.	<p>Overwrite Existing Panel</p> <p>When the “Family Already Exists” dialog appears, click “Override the existing version”</p>	

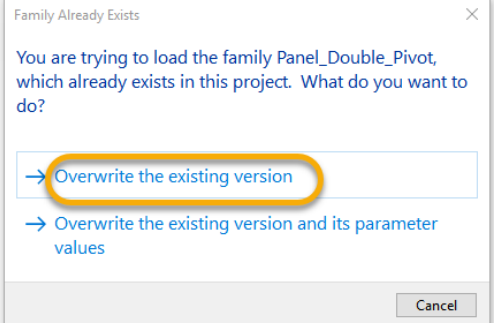
#	Item	Notes/ Explanation
8.	<p>Change Handle to Secondary Panel</p> <p>Repeat steps 3-7 but use the “Sec_” panel instead</p>	 <p>Project Browser - Panel_Double_Pivot.rfa</p> <ul style="list-style-type: none"> Views (all) <ul style="list-style-type: none"> Floor Plans Ceiling Plans 3D Views Elevations (Elevation 1) Sheets (all) Families <ul style="list-style-type: none"> Annotation Symbols Doors <ul style="list-style-type: none"> Panel_(Default) Solid Sec_Panel_(Default) Solid Swing_Hinge_2way Swing_Pivot Groups Revit Links <p>Context menu options: New Type, Delete, Rename..., Edit, Save..., Reload..., Search...</p>
9.	<p>Load Double Panel into your Door Family</p> <p>Load back into your door family by using the “Load into Project” (or Load into Project and Close”) command</p>	 <p>Modify Measure Create Load into Project Load into Project and Close</p> <p>Family Editor</p>
10	<p>Overwrite Existing Double Panel</p> <p>When the “Family Already Exists” dialog appears, Click “Override the existing version”</p>	 <p>Family Already Exists</p> <p>You are trying to load the family Panel_Double_Pivot, which already exists in this project. What do you want to do?</p> <ul style="list-style-type: none"> → Override the existing version → Override the existing version and its parameter values <p>Cancel</p>
11	<p>Save as</p> <p>Save-as and give your door a new name. Your new door, with the new handles, is now ready to be loaded into your project.</p>	

Multi-Leaf Doors:

(1+0, 2+0 and 2+2 Surface Sliders, Contained Sliders, Wardrobe Sliders and Bi-folds)

#	Item	Notes/ Explanation
1.	<p>Select Existing Door</p> <p>Within Revit select the multi-leaf RevitWorks door that you want to swap the new handle into and “Edit Family”.</p>	 <p>Door Bi-Fold 2+1 Rebated Jamb Glass Framed</p> <p>Door Bi-Fold Rebated Jamb Glass Framed</p>
2.	<p>Select Double Panel</p> <p>Within the Family Editor, select the multi-leaf panel family and “Edit Family”</p>	
3.	<p>Select Existing Panel</p> <p>Within the Family Editor, locate the “Panel_” family within the project browser and: <right-click> “Edit”</p>	 <p>Project Browser - Panel_Bifold 2+1.rfa</p> <ul style="list-style-type: none"> Views (all) <ul style="list-style-type: none"> Floor Plans Ceiling Plans 3D Views Elevations (Elevation 1) Sheets (all) Families <ul style="list-style-type: none"> Annotation Symbols Doors <ul style="list-style-type: none"> Panel_Glass Framed Swing_Bifold Swing_Hinge Groups Revit Links <p>Context Menu:</p> <ul style="list-style-type: none"> New Type Delete Rename... Edit Save... Reload... Search...

#	Item	Notes/ Explanation
4.	<p>Select Existing Handle</p> <p>Within the Family Editor of the <i>panel</i> family, locate the “Handle_” family within the project browser and:</p> <p><right-click> “Reload”</p>	 <p>Project Browser - Panel_(Default) Solid.rfa</p> <ul style="list-style-type: none"> Views (all) <ul style="list-style-type: none"> Floor Plans Ceiling Plans 3D Views Elevations (Elevation 1) Sheets (all) Families <ul style="list-style-type: none"> Annotation Symbols Doors <ul style="list-style-type: none"> Handle_Rect Bar 1000mm long Groups Revit Links <p>Context menu options: New Type, Delete, Rename..., Edit, Save..., Reload..., Search...</p>
5.	<p>Select New Handle</p> <p>Navigate to the saved position of the handle you want to swap in and select it.</p> <p>When the “Family Already Exists” dialog appears, Click “Override Existing Version”</p>	 <p>Family Already Exists</p> <p>You are trying to load the family Handle_Round D 500mm long, which already exists in this project. What do you want to do?</p> <p>Buttons: → Override the existing version, → Override the existing version and its parameter values, Cancel</p>
5a	<p>Optional – Select another handle</p> <p>If you require a different handle to the other side of the door leaf:</p> <ol style="list-style-type: none"> Load another handle into your family using Insert/ Load Family Select the relevant handle from a 3d or elevation view and change its type to the new handle 	 <p>Modify Doors</p> <p>Properties palette: Handle_Round D 500mm long, Handle</p> <p>Search results: Handle_Lever Round, Handle, Handle_Round D 500mm long</p> <p>Most Recently Used Types: Handle_Lever Round : Handle, Handle_Round D 500mm long : Handle</p> <p>Parameters: Furniture Material, Frame Material, Finish, Identity Data</p>
6.	<p>Load Panel into your Double Panel Family</p> <p>Load back into your double panel family by using the “Load into Project” (or Load into Project and Close”) command</p>	 <p>Modify ribbon: Load into Project, Load into Project and Close</p> <p>Family Editor view showing a door frame outline.</p>

#	Item	Notes/ Explanation
7.	<p>Overwrite Existing Multi-Leaf Panel</p> <p>When the “Family Already Exists” dialog appears, Click “Override the existing version”</p>	
8.	<p>Save as</p> <p>Save-as and give your door a new name. Your new door, with the new handles, is now ready to be loaded into your project.</p>	

(end)