

**A. Fillet Rear Rail and Screw Boss Edges**

Step 1. Open the **Bottom** part file.

Step 2. Rotate view to view **inside body from front**, hold down middle mouse button (wheel) and drag to rotate view, **Fig. 2**.

Step 3. Click **Fillet**  on the Features toolbar.

Step 4. In the Fillet Property Manager set:  
select **FilletXpert**, **Fig. 1**

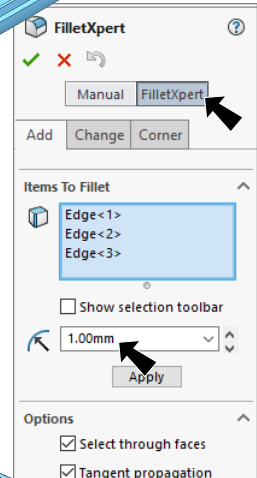
set **Radius**  **1**

click **3 edges of rear rail**, **Fig. 2**  
click **Apply**

click **circular edge of screw boss at body**, **Fig. 3**

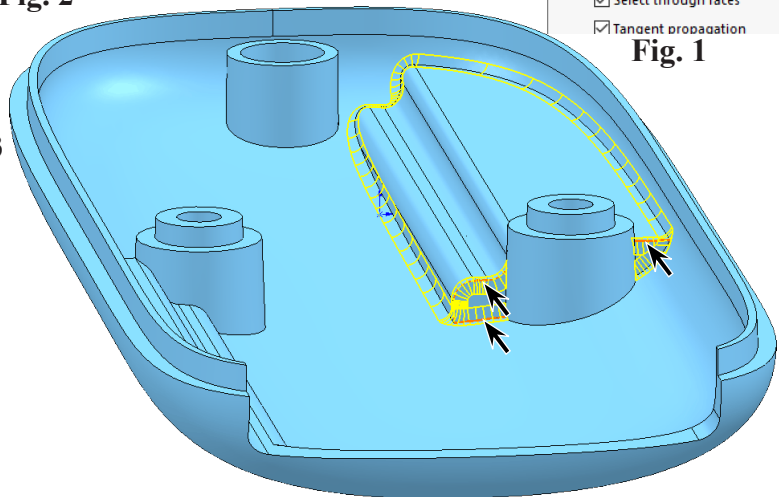
click **OK** .

Step 5. Save  (Ctrl-S).

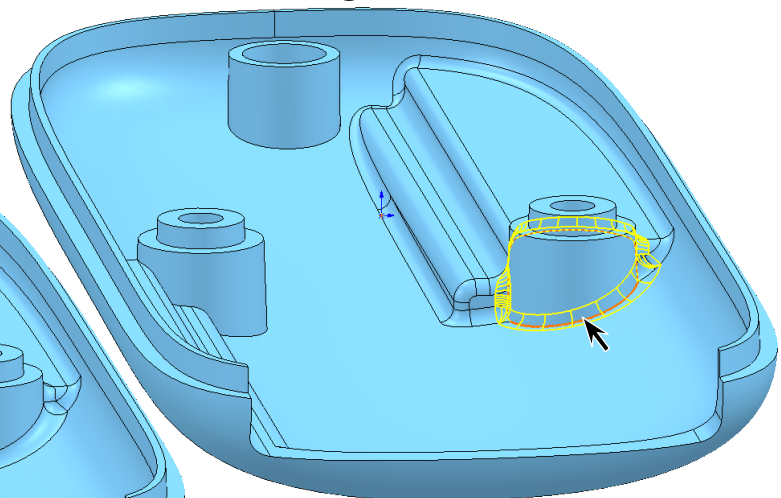


**Fig. 1**

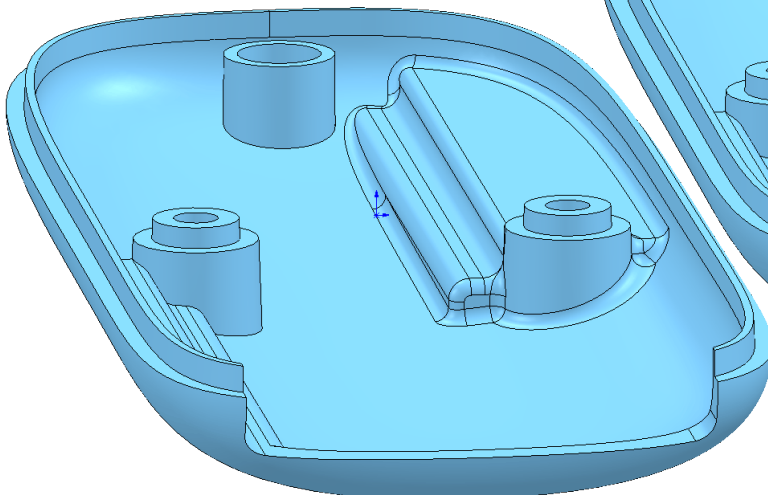
**All Radii 1**



**Fig. 2**



**Fig. 3**



**Fig. 4**

## B. Fillet Front Rail and Screw Boss Edges.

Step 1. Rotate view to view **inside body from rear**, hold down middle mouse button (wheel) and drag to rotate view, **Fig. 6**.


Step 2. Click **Fillet**  on the Features toolbar.

Step 3. In the Fillet Property Manager set:

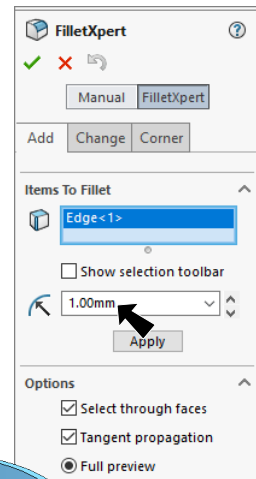
**Radius**  **1**  
click **horizontal edge of rail at screw boss**, **Fig. 6**  
click **Apply**.

First, click **circular edge of screw boss at body (1)**, **Fig. 7**

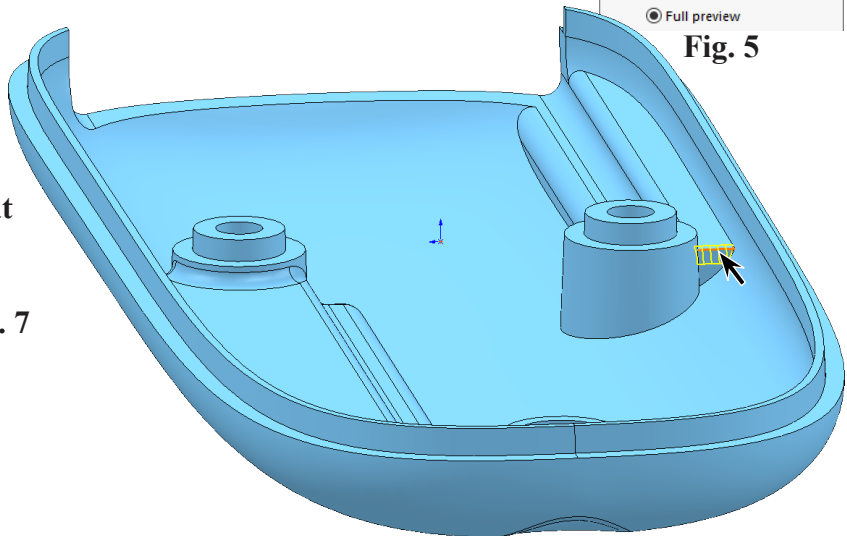
**back side of screw boss at rail (2)**

**rail edge at body (3)**, **Fig. 7**  
click **OK** .

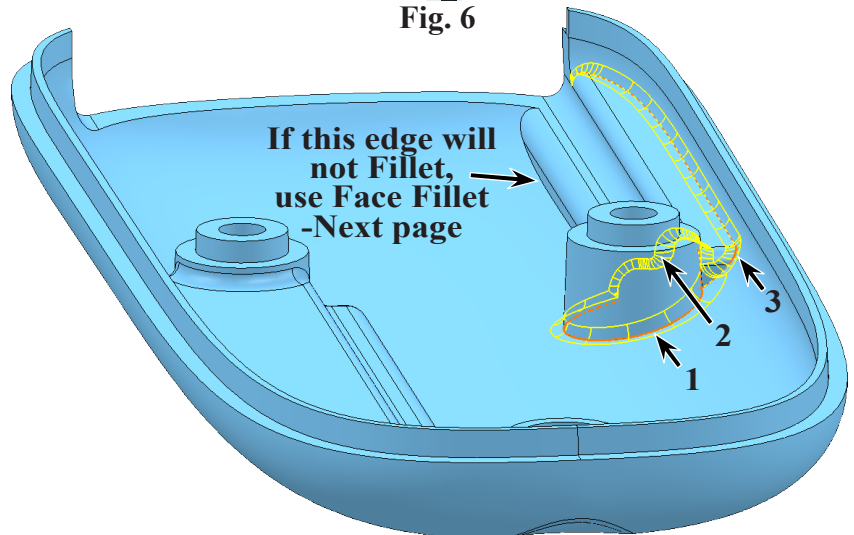
Step 4. Save  (Ctrl-S).



**Fig. 5**



**Fig. 6**



**Fig. 7**

## C. Face Fillet Front Rail.



Step 1. Click **Fillet**  on the Features toolbar.

Step 2. In the Fillet Property Manager, select **Manual**, **Fig. 8** under Fillet Type

select **Face Fillet**  under Fillet Parameters

set **Radius**  **1**

click in **Face Set 1**  box  
click **bottom vertical face of rail**, **Fig. 9**  
**Tip:** right click to move cursor to next box

click in **Face Set 2**  box  
click **inside bottom face of body**  
click OK .

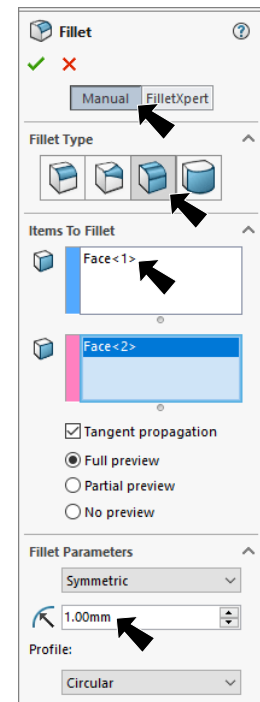


Fig. 8

Step 3. Save  (Ctrl-S).

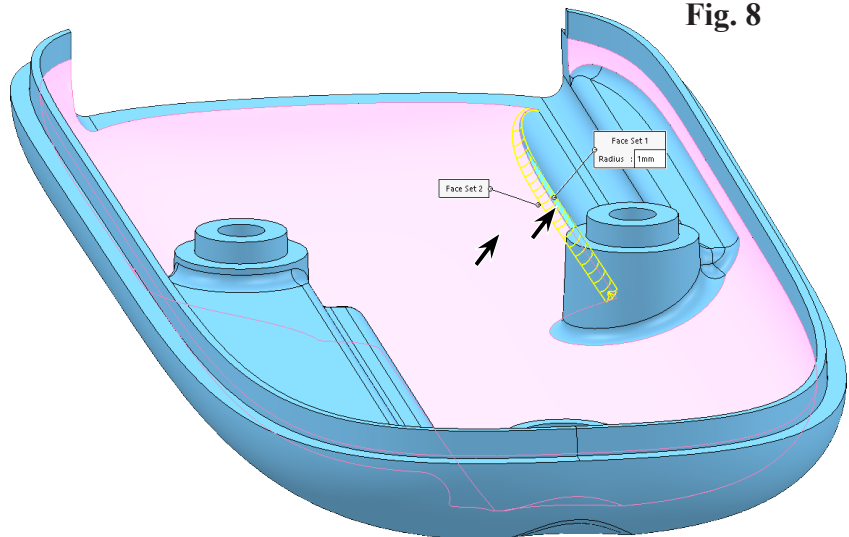


Fig. 9

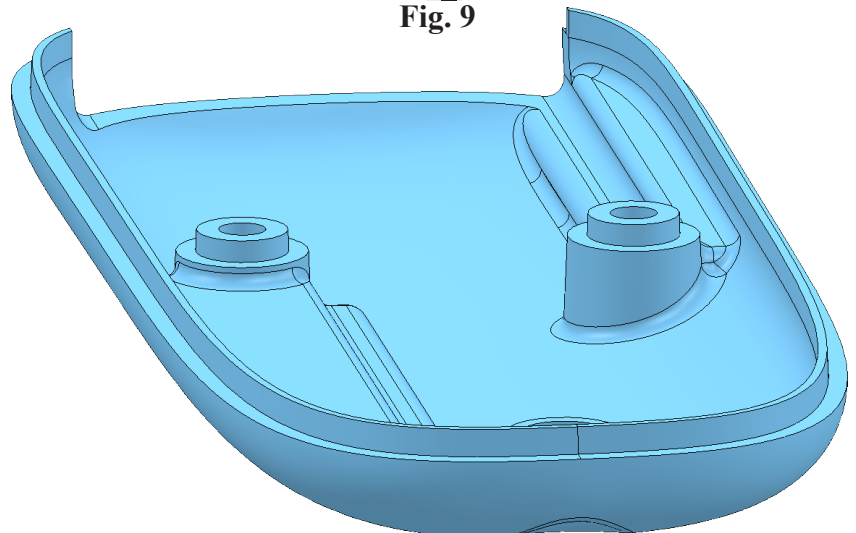


Fig. 10