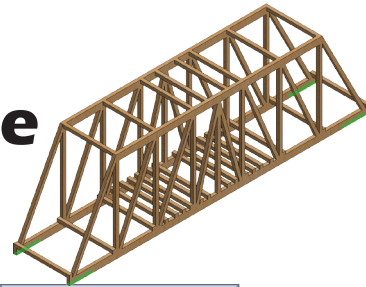
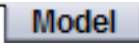





Bridge

Bridge Combine



A. Add Configuration.

- Step 1. If necessary, open your **Bridge1** part file.
- Step 2. If necessary, click **Model** tab  at the bottom left of the graphics area.
- Step 3. Click **Configurations Manger** tab  in the Feature Manager to display the Configuration Manager, **Fig. 1**.
- Step 4. **Right click** **Bridge1 Configuration(s)**  part and click **Add Configuration**, **Fig. 1**.
- Step 5. In the Add Configuration Manager set:
 under Configuration Name **Fig. 2**
 key-in **BRIDGE COMBINE**
 click OK .

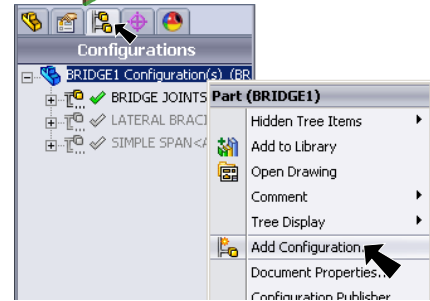



Fig. 1

- Step 6. Click **Feature Manager design tree** tab  at the top of the Configuration Manager to display Feature Manager, **Fig. 3**.

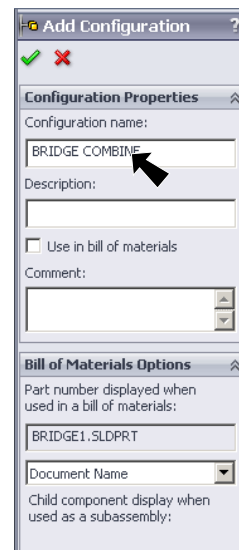


Fig. 2

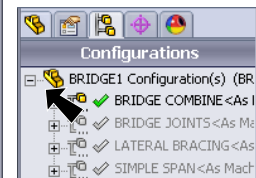


Fig. 3

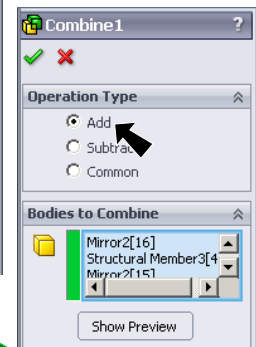



Fig. 4

B. Combine Bodies.

- Step 1. Click Insert Menu > Features > Combine.
- Step 2. In the Combine Property Manager set:
 under Operation Type, **Fig. 4**
 select **Add**
drag selection around the Bridge to
 select all, **Fig. 5**
 click OK .
- Step 3. Save. Use **Ctrl-S**.

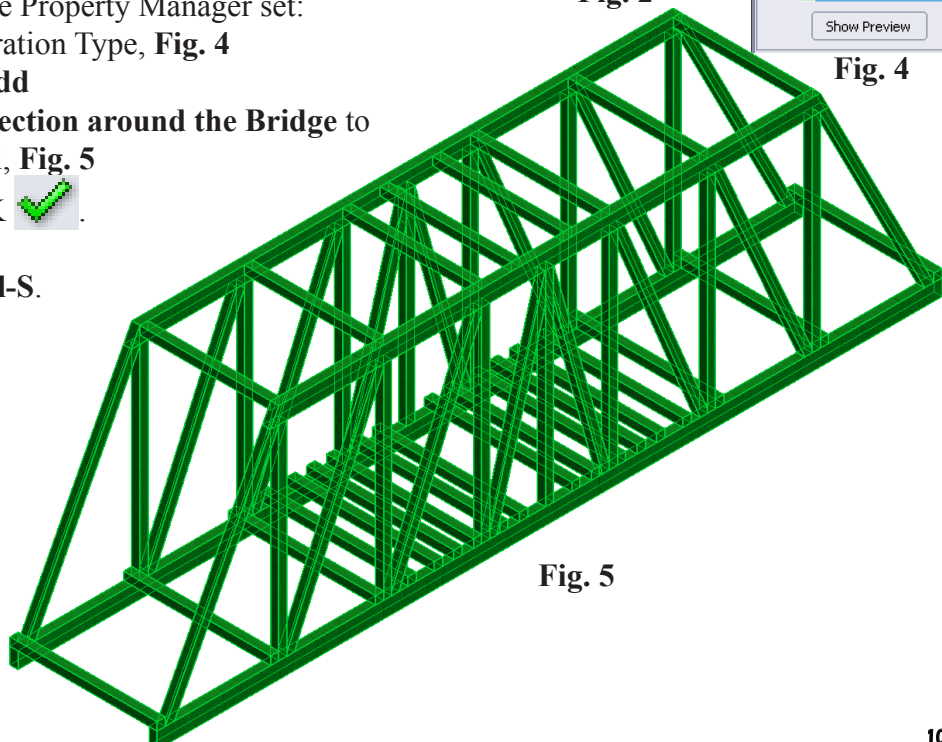







Fig. 5

C. Sketch for Fixtures Split Line.

Step 1. Click **Top Plane**  in the Feature Manager and click **Sketch**  from the Content toolbar, **Fig. 6**.

Step 2. Click **Normal To**  on the Standard Views toolbar. (**Ctrl-8**)

Step 3. Click **Center Rectangle**  (S) in the **Rectangle flyout**  on the Sketch toolbar.

Step 4. Draw a rectangle starting at **Origin**  and bring corner down to coincident  with a side edge, **Fig. 7**.

Step 5. Click **Smart Dimension**  (S) on the Sketch toolbar.

Step 6. Dimension **1** from top edge, **Fig. 8**.

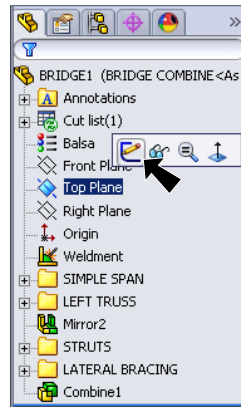


Fig. 6

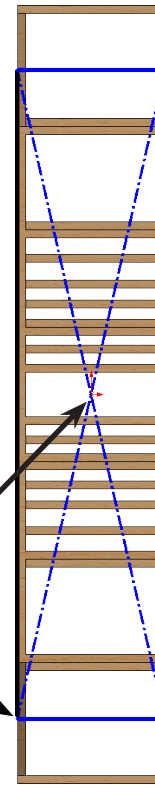


Fig. 7

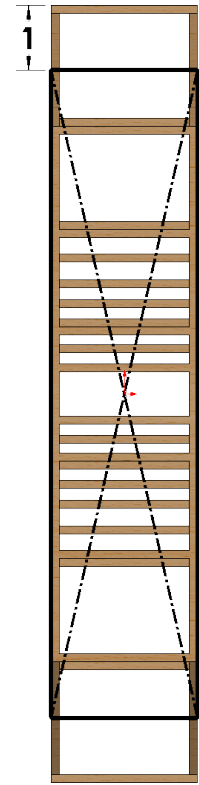




Fig. 8


D. Split Line 1 for Fixtures on Bottom.

Step 1. Click **Bottom**  on the Standard Views toolbar. (**Ctrl-6**)

Step 2. Click Insert Menu > Curve > Split Line.

Step 3. In the Split Line Property Manager: under Type of Split, **Fig. 9** select **Projection**

under Selections  **Sketch should be selected**

in the Faces to Split field  click **both bottom faces of bottom chords**, **Fig. 10**

click OK .

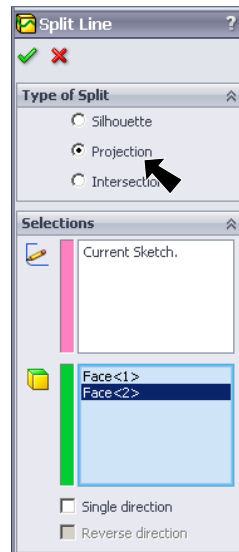


Fig. 9

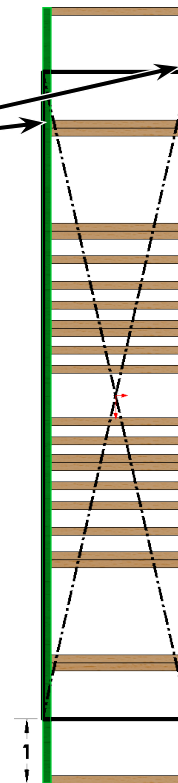


Fig. 10

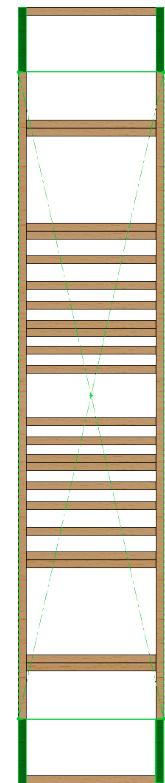


Fig. 11

Step 4. You can confirm the split faces by selecting the new faces. Here they were Ctrl-clicked to show all four faces, **Fig. 11**.

Step 5. Save. Use **Ctrl-S**.