Skateboard
Deck Split Line

A. Sketch.

Step 1. Open you Deck file.

Step 2. Click **Top Plane** in the Feature Manager and click **Sketch** on the Context toolbar, **Fig. 1**.

Step 3. Click **Normal To** on the Standard Views toolbar. (**Ctrl-8**)

Step 4. Click **Centerline** (**S**) in the **Line flyout** on the Sketch toolbar.

Step 5. Draw **vertical centerline up from Origin**, **Fig. 2**.

Step 6. Click **Smart Dimension** (**S**) on the Sketch toolbar.

Step 7. Dimension **centerline 15.2**, **Fig. 2**.

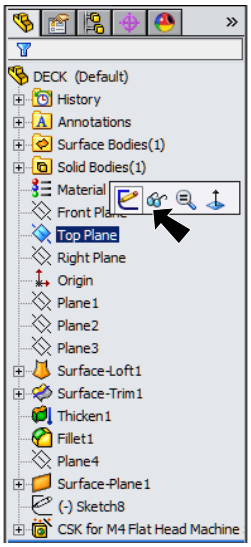

Fig. 1

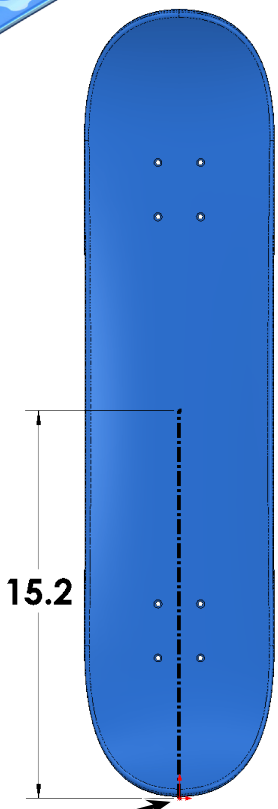

Fig. 2

B. Insert Skull Block.

Step 1. Click Tools Menu > Blocks > Insert.

Step 2. In the Insert Block Property Manager set,
click **Browse**, **Fig. 3**
in the Open dialog box, **navigate to My Documents/Skateboard folder** and open **SKULL** block file you saved in Chapter 15
under Parameters
Scale **4.2**
press **ENTER key** on keyboard.
Place the Skull at the **top endpoint of centerline**. Your cursor will snap to the endpoint with relations, **Fig. 4**.
Click OK .

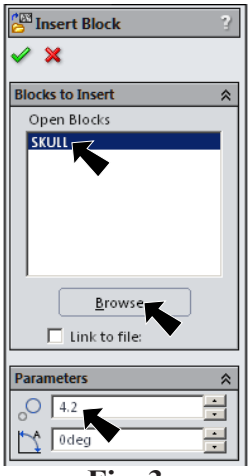

Fig. 3

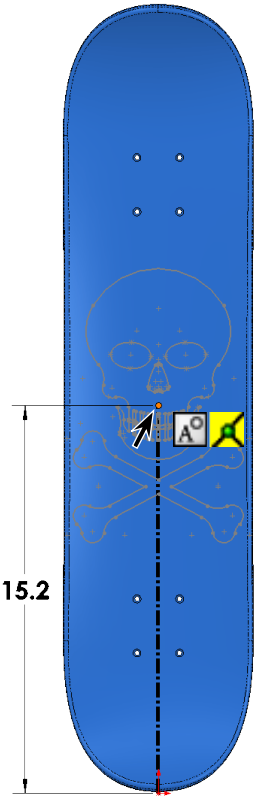

Fig. 4

C. Split Line.

Step 1. Click Insert Menu > Curve > Split Line.

Step 2. In the Split Line Property Manager:

under Type of Split, **Fig. 5**
select **Projection**

under Selections
Sketch should be selected

in the Faces to Split field
click **top face**, **Fig. 6**
rotate view and **select bottom face**, **Fig. 7**

click OK .

Step 3. Save. Use **Ctrl-S**.

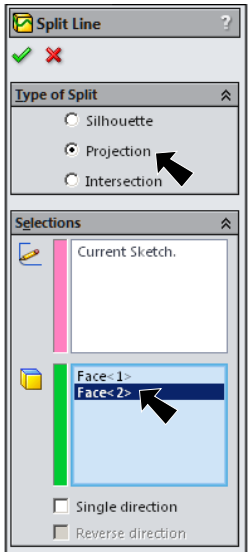

Fig. 5

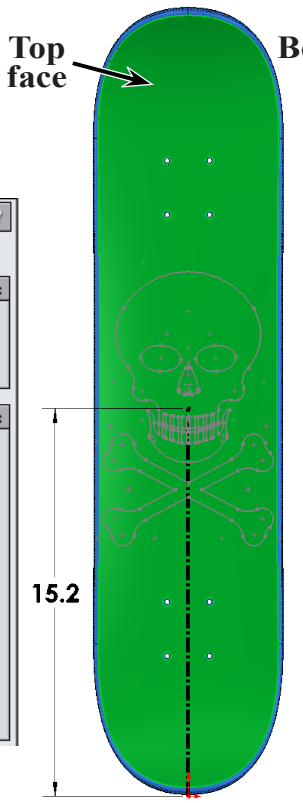

Fig. 6

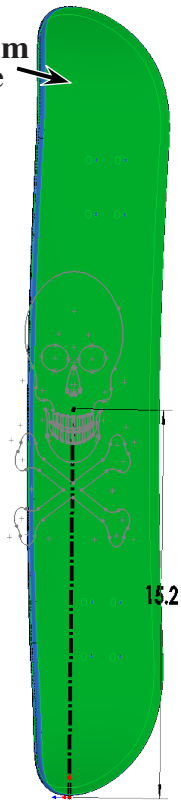

Fig. 7

D. Appearance.

Step 1. Click a face of the Split Line, click **Appearance Callout**  on the Context toolbar click **Face<1>@Split...**  , **Fig. 8**.

Step 2. In the Appearances Property Manager set:
under Selected Geometry, **Fig. 9**
click **other two face of the Split Line**, **Fig. 10**

switch view to **Isometric view** 
and select split line faces on top, **Fig. 11**.

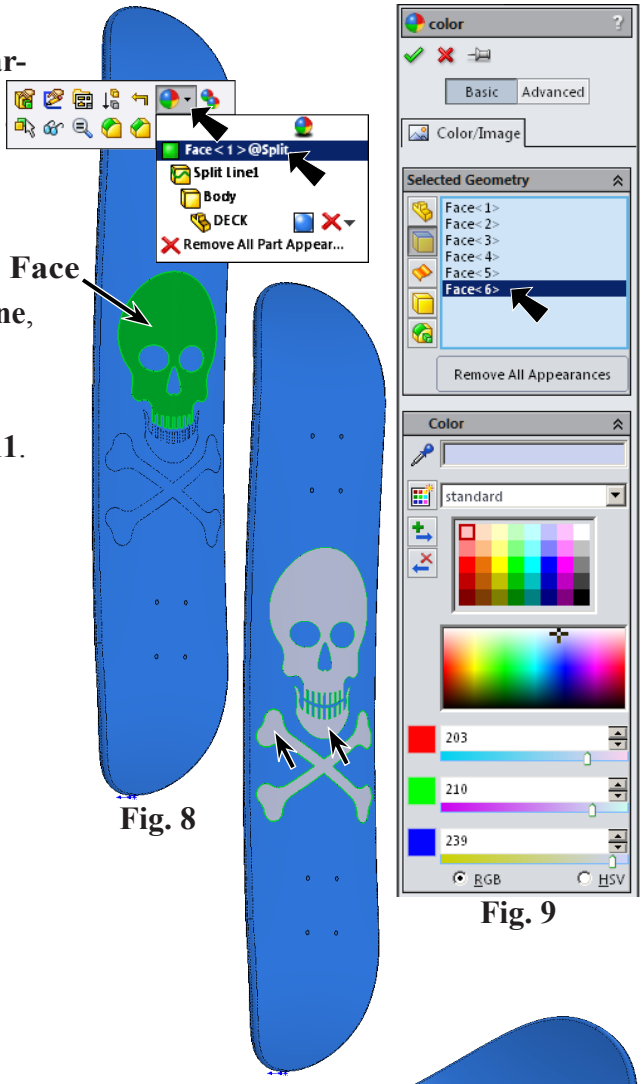

Fig. 8

Fig. 9

Fig. 10

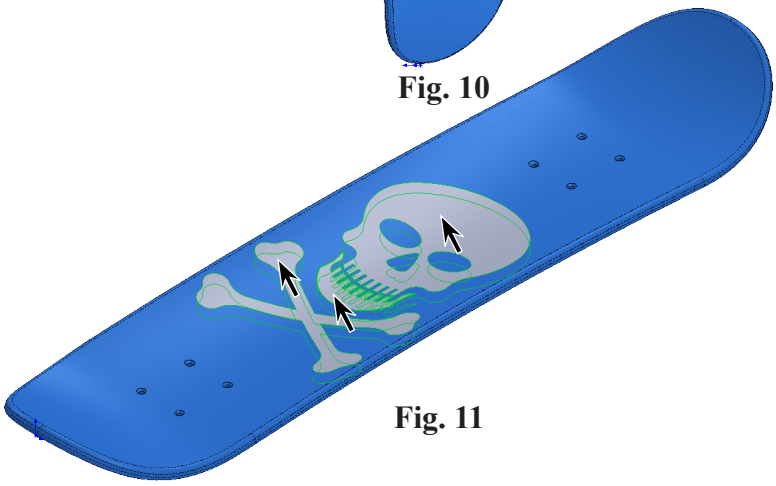

Fig. 11

Step 3. Click the Appearances Task pane  , expand **Metal**, click **Chrome** and in the lower pane select **chromium plate**, **Fig. 11**.

Step 4. Back over in the Appearances Property Manager:

under Color, **Fig. 12**

set **RGB** values:

R 167

G 213

B 255

click OK  .

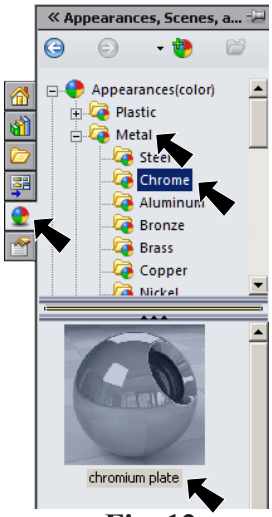

Fig. 12

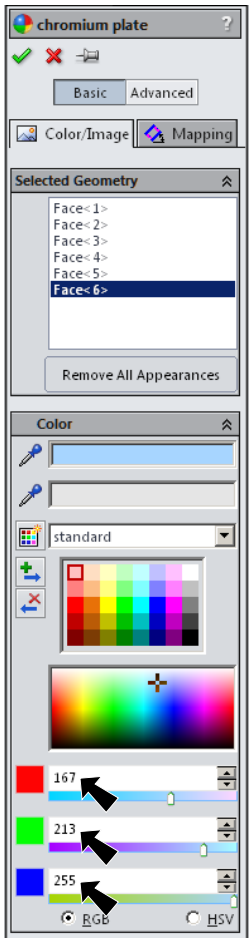

Fig. 13

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

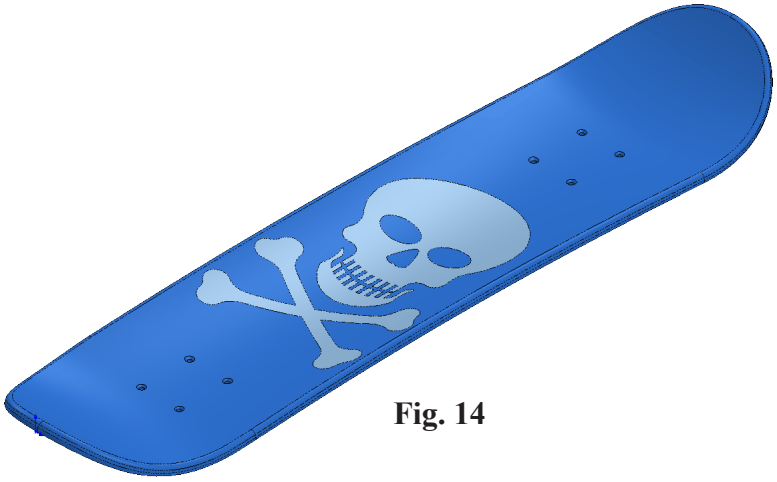

Fig. 14