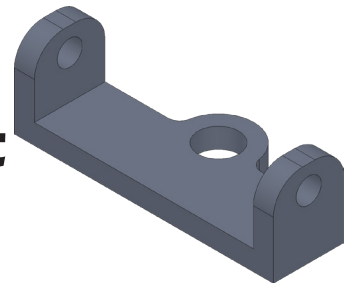




Chapter 30

Solar Train Car Bogie Bracket



A. Save As Copy.

Step 1. Open your **BOGIE BRACKET**  file.

Step 2. Click File Menu > Save As.

Step 3. In the Save As dialog box, **Fig. 1**,
key-in **CAR BOGIE BRACKET** for
filename
select **Save as copy and open** and
click Save.

Step 4. In the SOLIDWORKS Design dialog
box, click **Close the original document**,
Fig. 2.

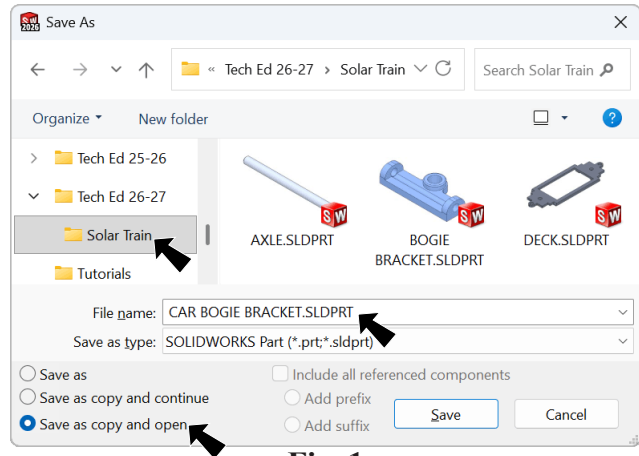


Fig. 1

B. Edit Sketch1.

Step 1. Edit **Sketch1**. To edit,
click **Boss-Extrude1**  in
the Feature Manager and click
Edit Sketch  in the con-
text toolbar, **Fig. 3**.

Step 2. Change dimension: **6.1** to **5**, **Fig. 4**.

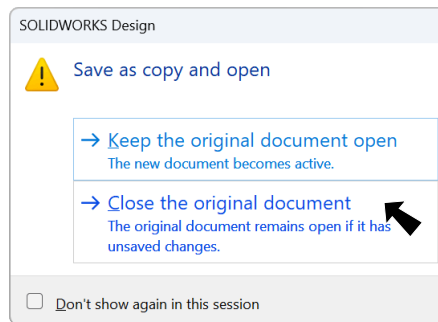


Fig. 2

Step 3. Click **Exit Sketch**  on the Sketch toolbar.

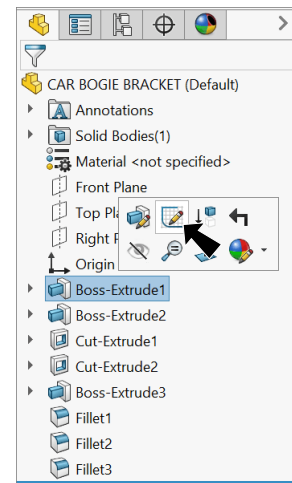


Fig. 3

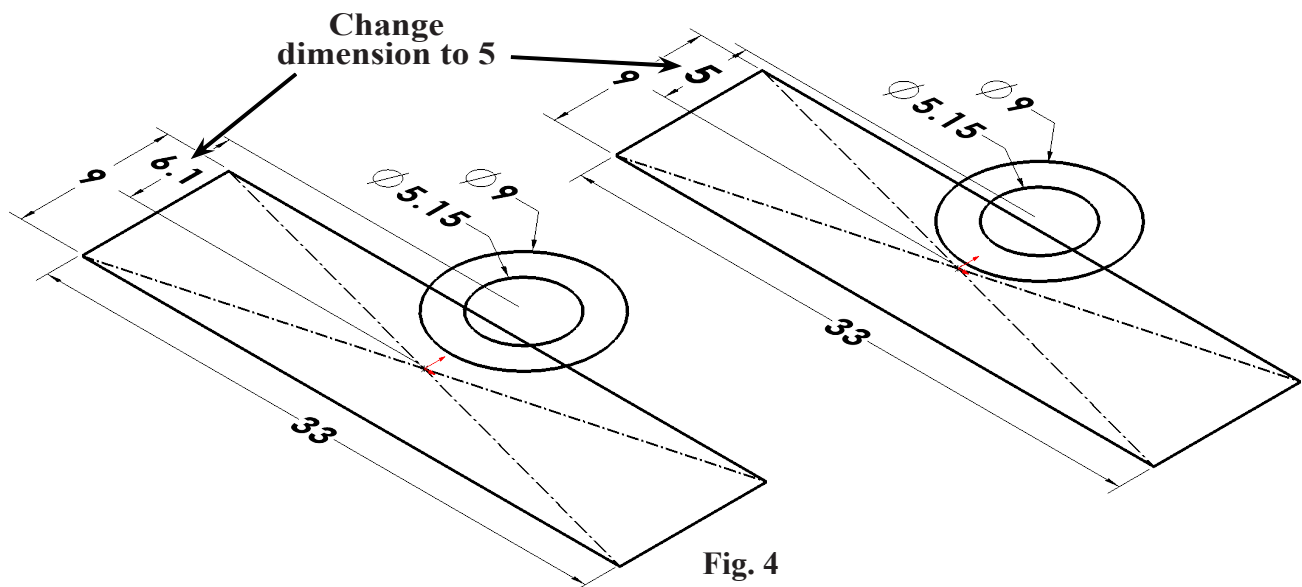


Fig. 4

C. Change Boss-Extrude2 Depth.

Step 1. Click **Boss-Extrude2** in the Feature Manager and click **Edit Feature** in the context toolbar, Fig. 5.

Step 2. In Boss-Extrude Property Manager change: under Direction 1, Fig. 6

Depth $D1$ 11
click OK.

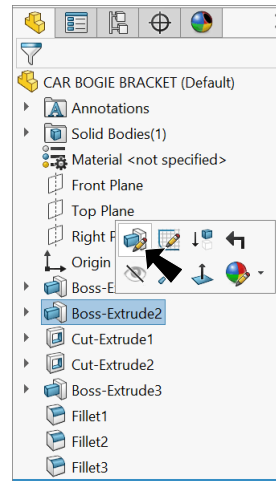


Fig. 5

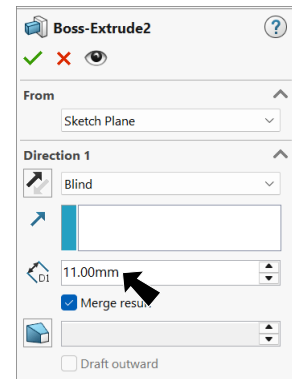


Fig. 6

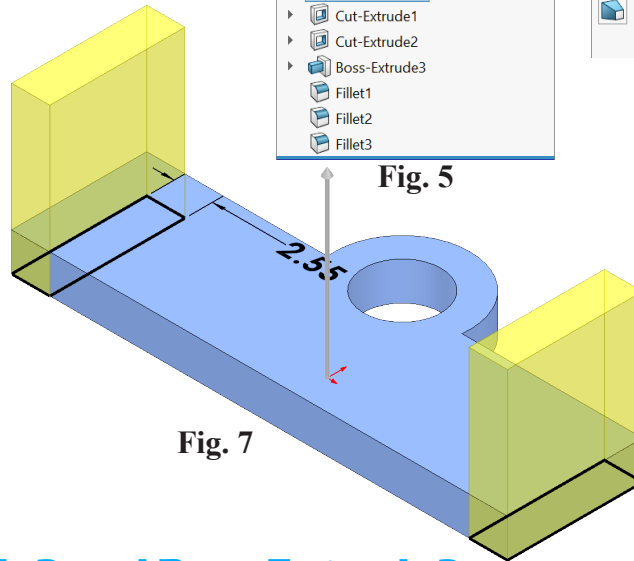


Fig. 7

D. Delete Cut-Extrude2 and Boss-Extrude3.

Step 1. Delete **Cut-Extrude2** and **Boss-Extrude3**. To delete, Ctrl click **Cut-Extrude2** and **Boss-Extrude3** in the Feature Manager and press Delete key, Fig. 8.

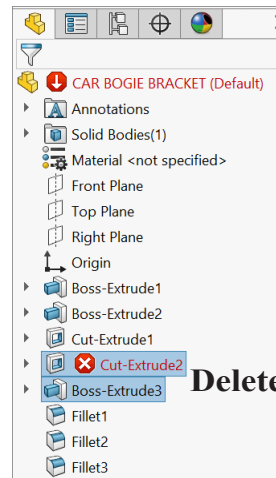


Fig. 8

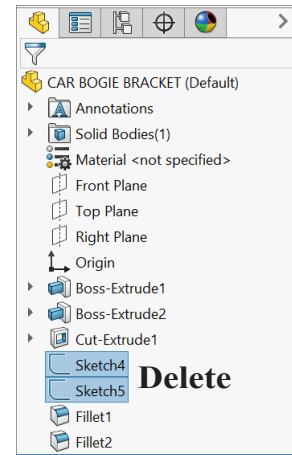


Fig. 9

E. Delete Sketch4 and Sketch5.

Step 1. Delete **Sketch4** and **Sketch5**. To delete, Ctrl click **Sketch4** and **Sketch5** in the Feature Manager and press Delete key, Fig. 9.

Step 2. Save (Ctrl-S).

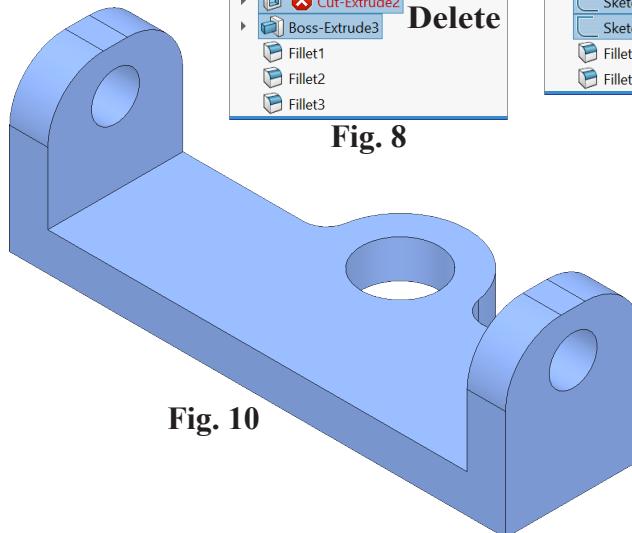


Fig. 10

F. Change Appearance: Darker Blue Plastic.

Step 1. Click part, click **Appearance Callout**

 on the context toolbar and click **CAR BOGIE BRACKET** , Fig. 11.

Step 2. In the Appearances Property Manager, under Color, Fig. 12

change **RGB** values

R 104

G 111

B 127

and OK .

Step 3. Save  (Ctrl-S).

