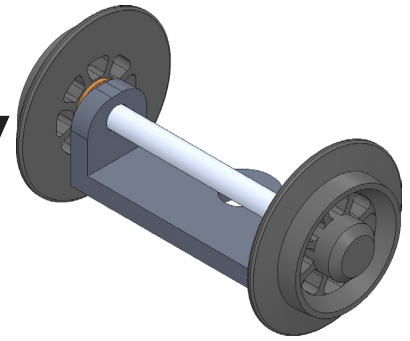




Chapter 31

Solar Train

Car Bogie Assembly



A. Save as "CAR BOGIE ASSEMBLY".

Step 1. Open your **Bogie Assembly** .

Step 2. Click File Menu > Save As.

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

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

You now have Assembly files with Bogies, BOGIE, MOTOR and CAR BOGIE. Next, we replace Bracket component in Car Bogie Assembly.

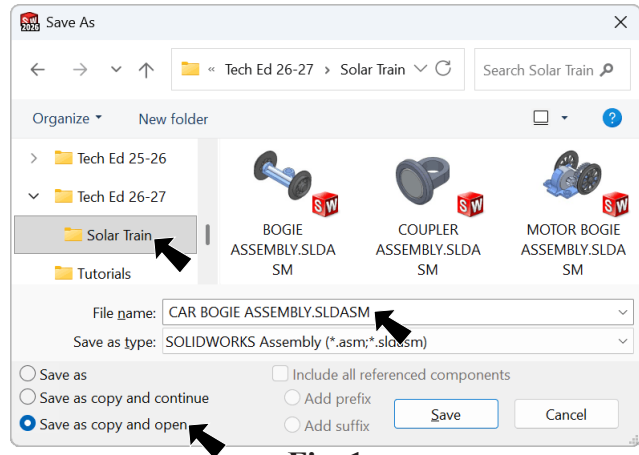


Fig. 1

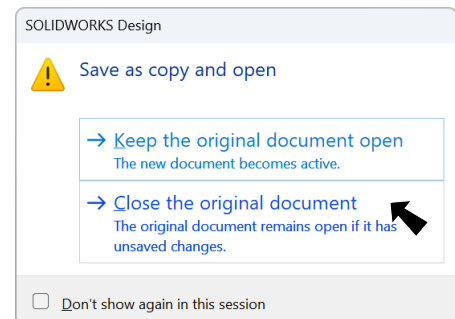


Fig. 2

B. Replace Bogie Bracket with Car Bogie Bracket.

Step 1. Click **Isometric**  on the Standard Views toolbar. (Ctrl-7)

Step 2. Click the **BOGIE BRACKET**  component in the Feature Manager to select the component, **Fig. 3**.

Step 3. Click File Menu > Replace.

Step 4. In the Replace Manager:
under Replace these components, **Fig. 4**
Bogie Bracket was preselected
under Instances to replace
select **All**
With this one:
click **Browse** 
In the File Open dialog box
click **CAR BOGIE BRACKET** and click Open.
click OK .

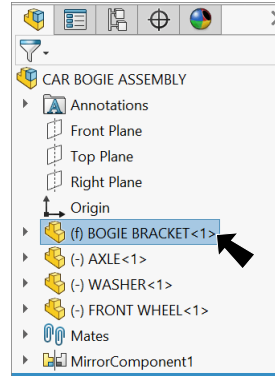


Fig. 3

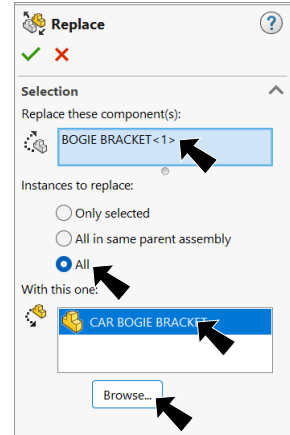


Fig. 4

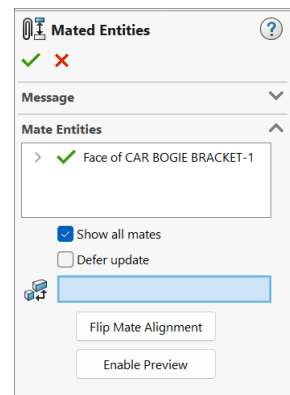


Fig. 5

Step 5. In the Mated Entities Manager click OK , **Fig. 5**.

Step 6. Save  (Ctrl-S).

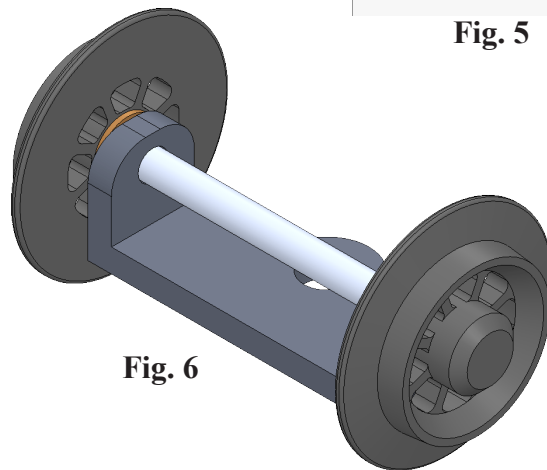


Fig. 6