

MultiBody Separation Training

MultiBody Separation_Training.zip



MultiBody Separation - Overview

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

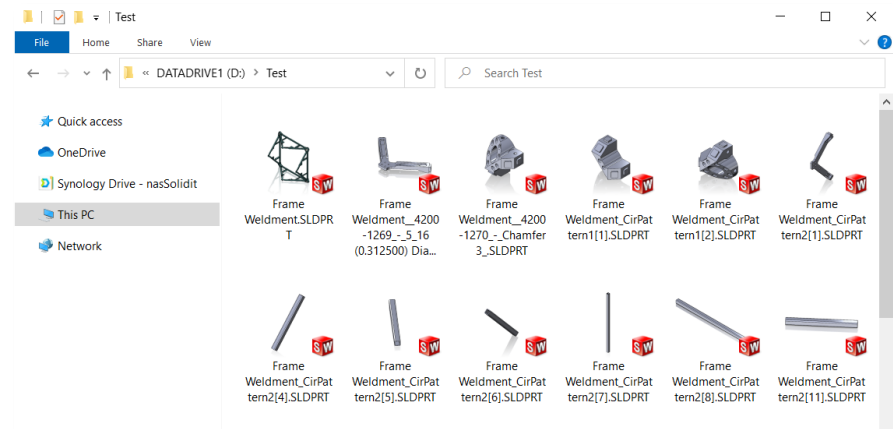
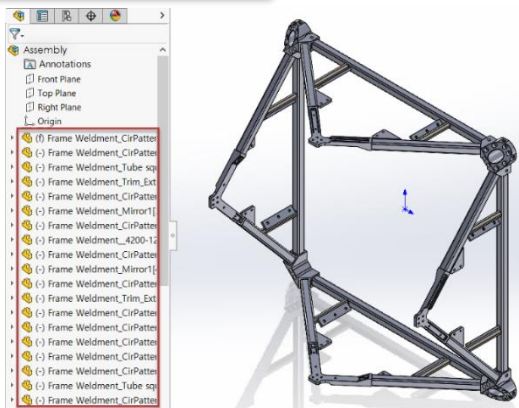
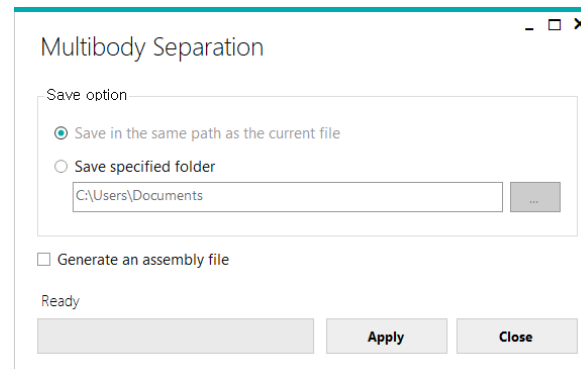
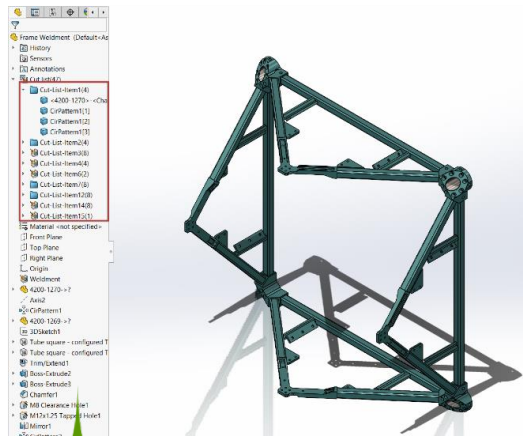
Main Functions

- Separate multiple bodies in a part file into individual files
- Generate an assembly file automatically
- Turn welded bodies into a part model

Benefits

- Easily turn the body into individual part files
- Create a new assembly file composed of separation parts that is identical arrangement of original multi-body part

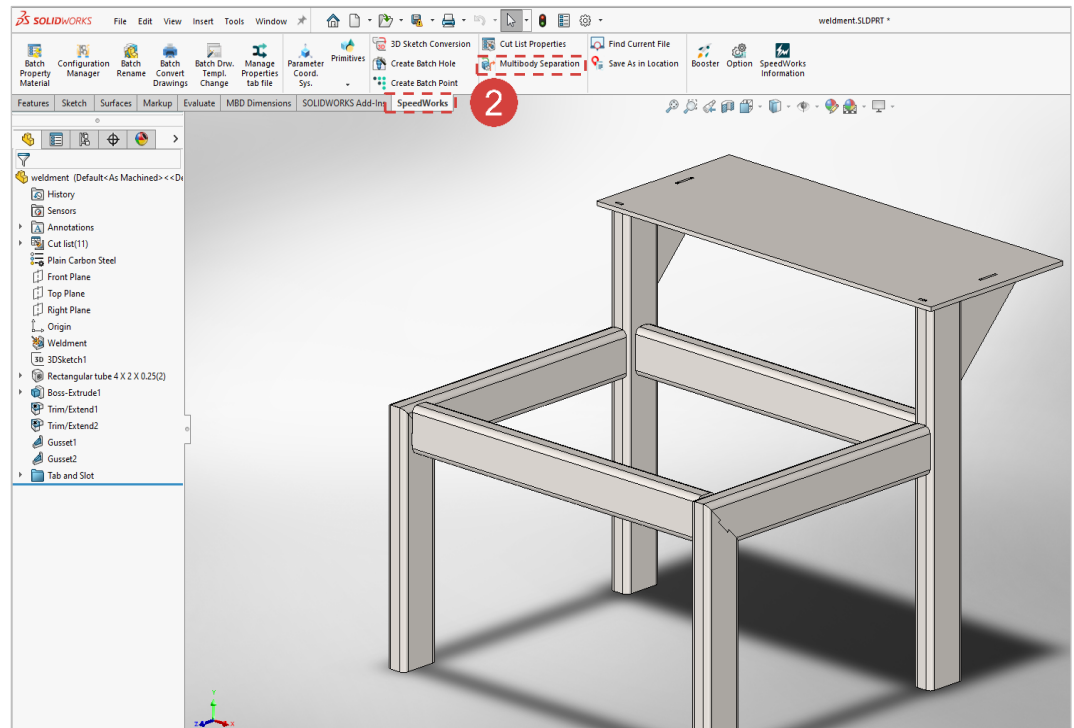
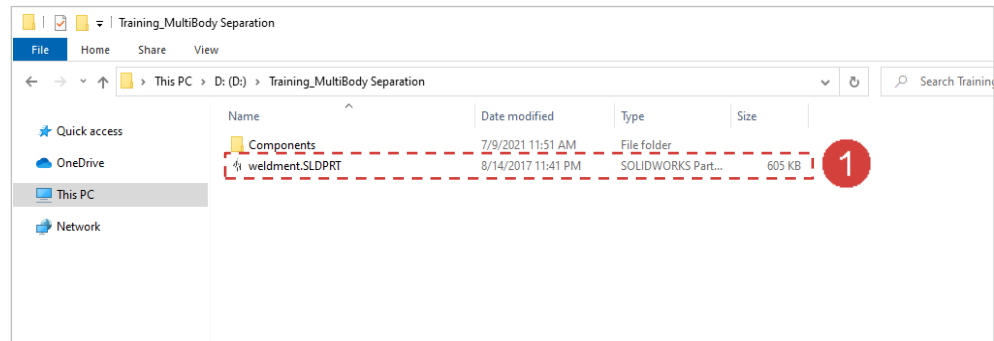
Course Objective: Follow instructions through the course and learn how to use MultiBody Separation.



MultiBody Separation - Execute

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Double-click to execute **weldment.SLDPRT** file.
- 2 Click [SpeedWorks]tab - [MultiBody Separation] to run tool.

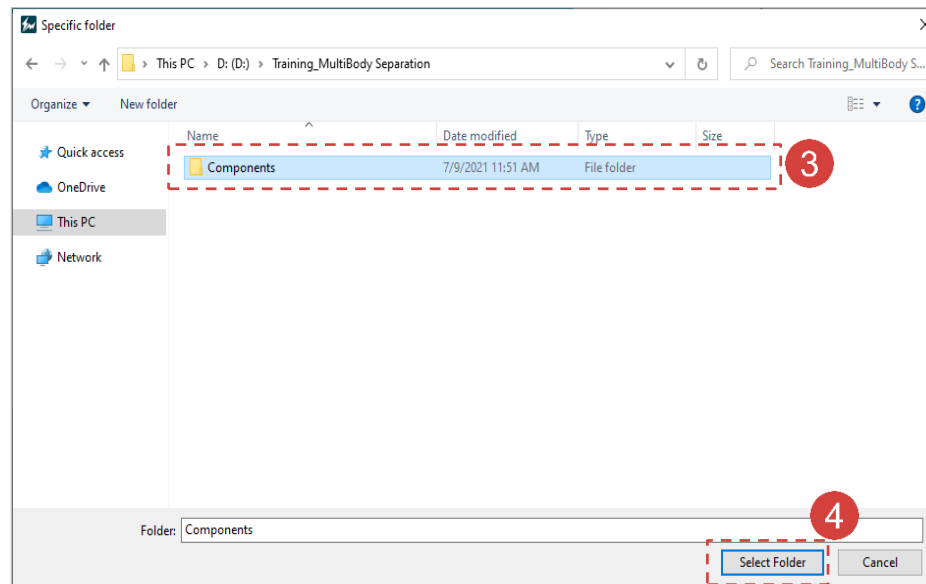
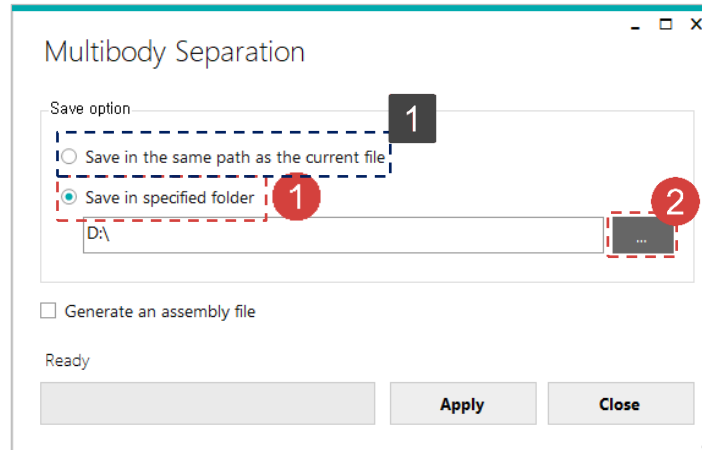


※ You can download example files at Support page in SpeedWorks Homepage(<http://speedworks.info>).

MultiBody Separation - Specify Save Location

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Check **[Save in specified folder]**.
- 2 Click **[...]** button.
- 3 Select **Components** folder in Training folder.
- 4 Click **[Select Folder]** button to specify save folder.



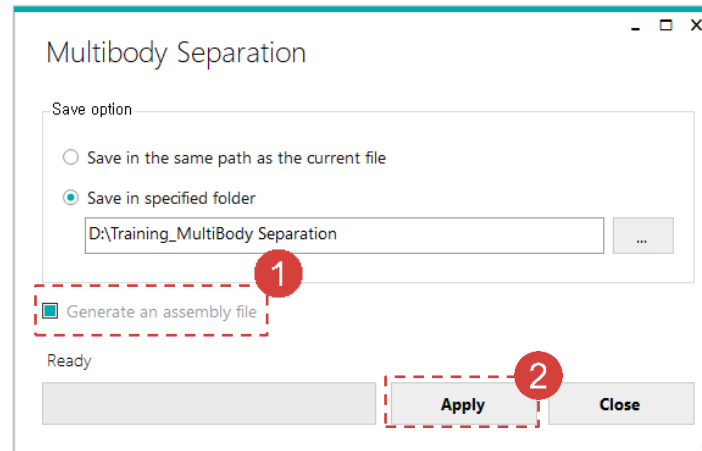
1 If you check **[Save in the same path as the current file]**, result files are saved in same path. Recommend use **[Save in specified folder]** and specify empty folder to prevent confusion came from existing files.

MultiBody Separation - Separate Bodies

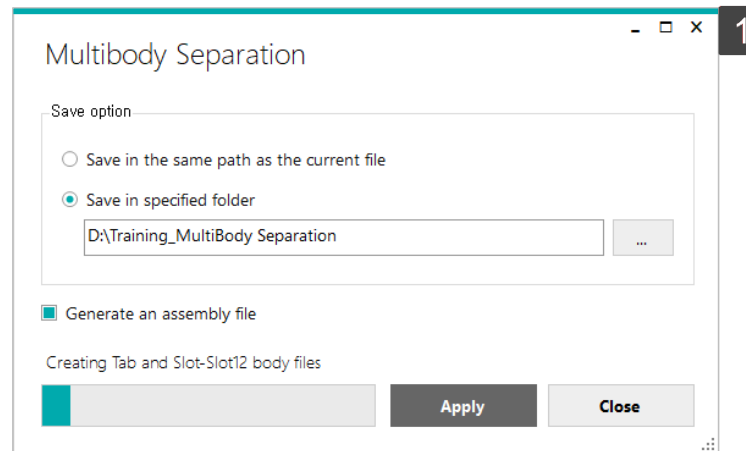
Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

1 Check **[Generate an assembly file]**.

2 Click **[Apply]** button.



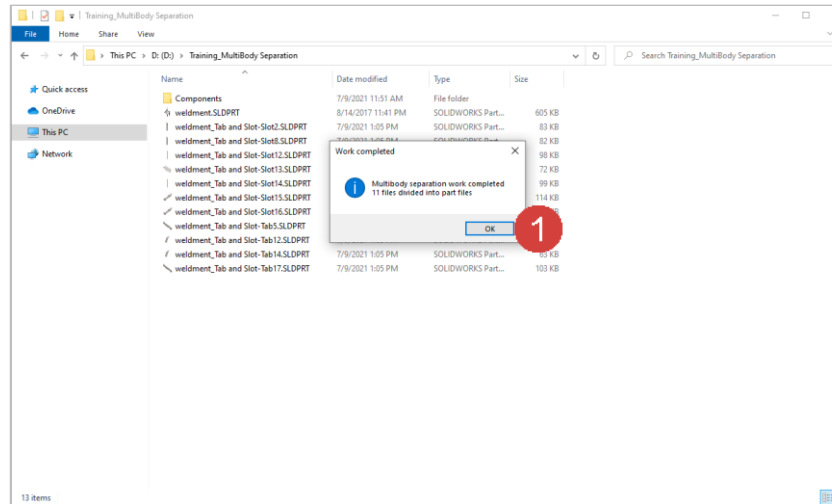
1 Users can check work progress



MultiBody Separation - Output

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

1 After separation complete, notice window and the folder containing save files are displayed. Close notice window by clicking [OK] button.



1 When separation is completed, a new assembly file is created with the same arrangement with part file. The new **assembly file is not saved in automatically. Therefore, users should manually save**, if users need this assembly file.

