Forming Simulation Technology LLC

LS-dyna and Prepost 4.3.13+ StepbyStep Training manual

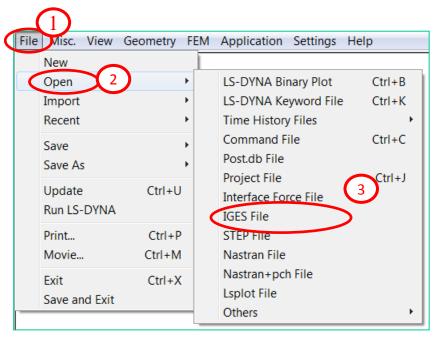
By Jeanne He

support @formingsimulation.com

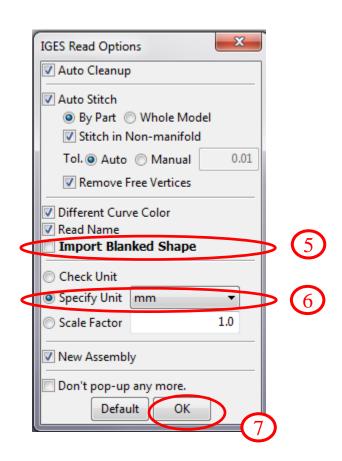
October, 2017

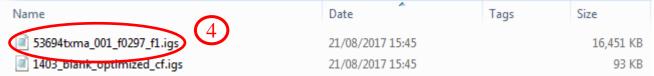
Input Designed Surfaces Iges file

Open an IGES file:

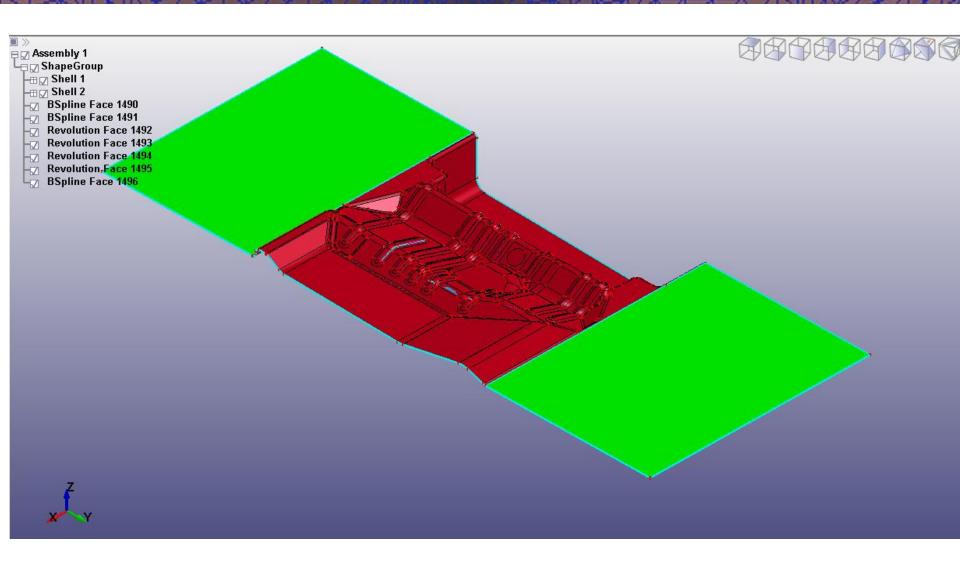




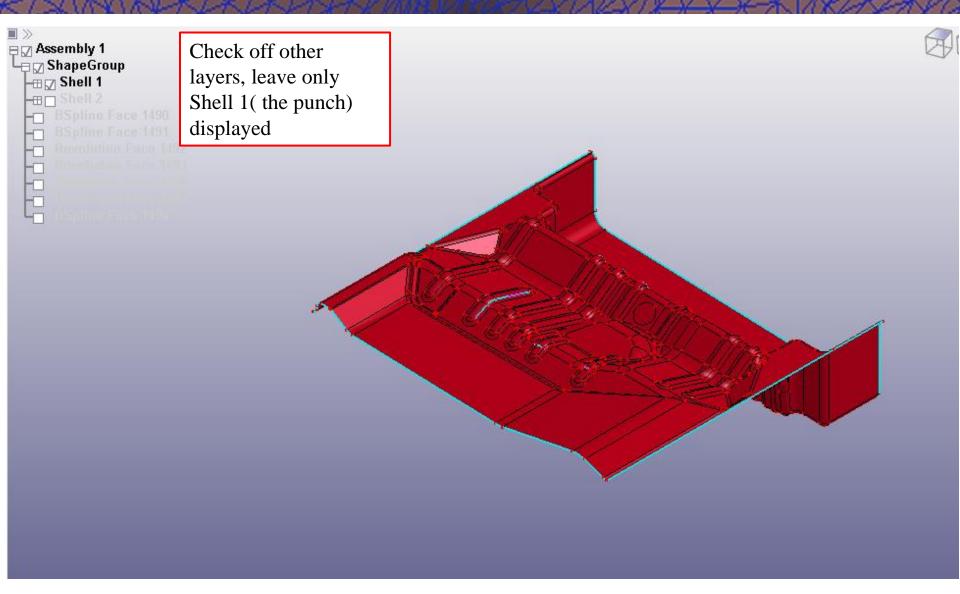




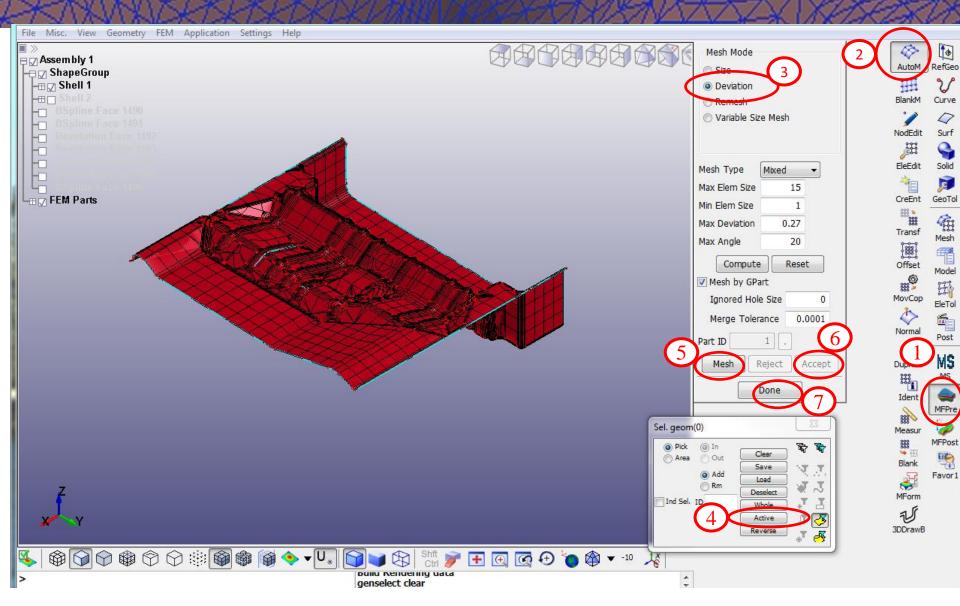
Input Surfaces



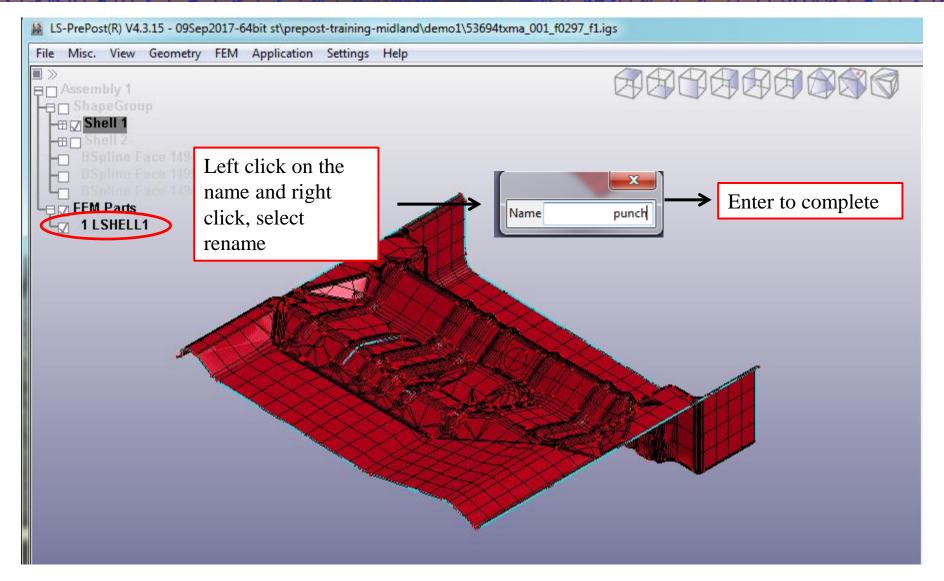
Turn Layers Off/On



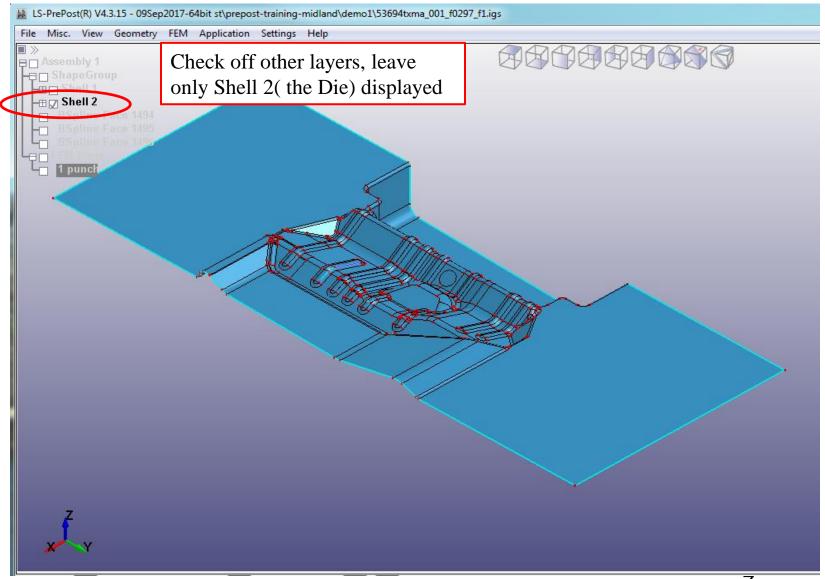
Mesh the Punch



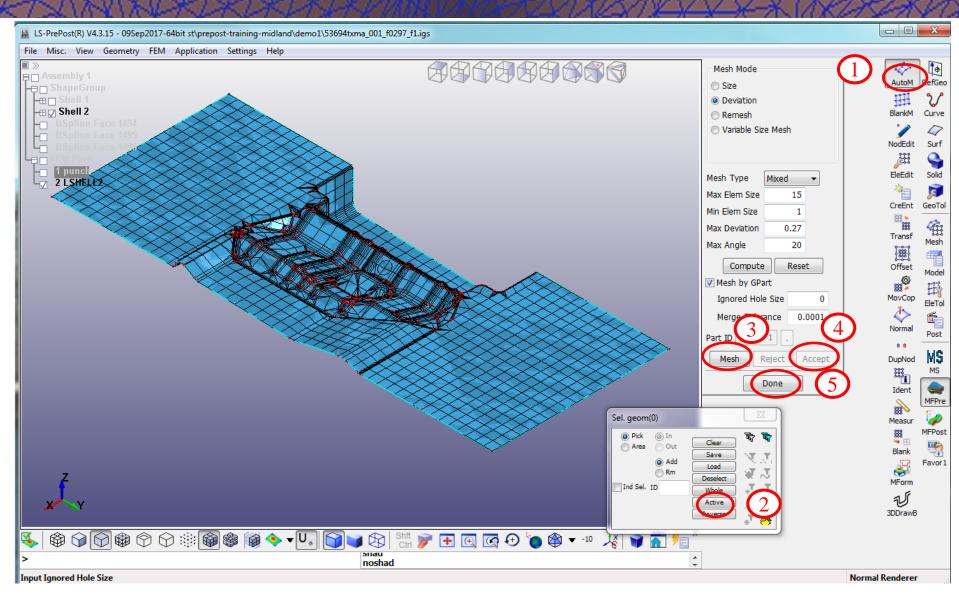
Rename Mesh Layer to Punch



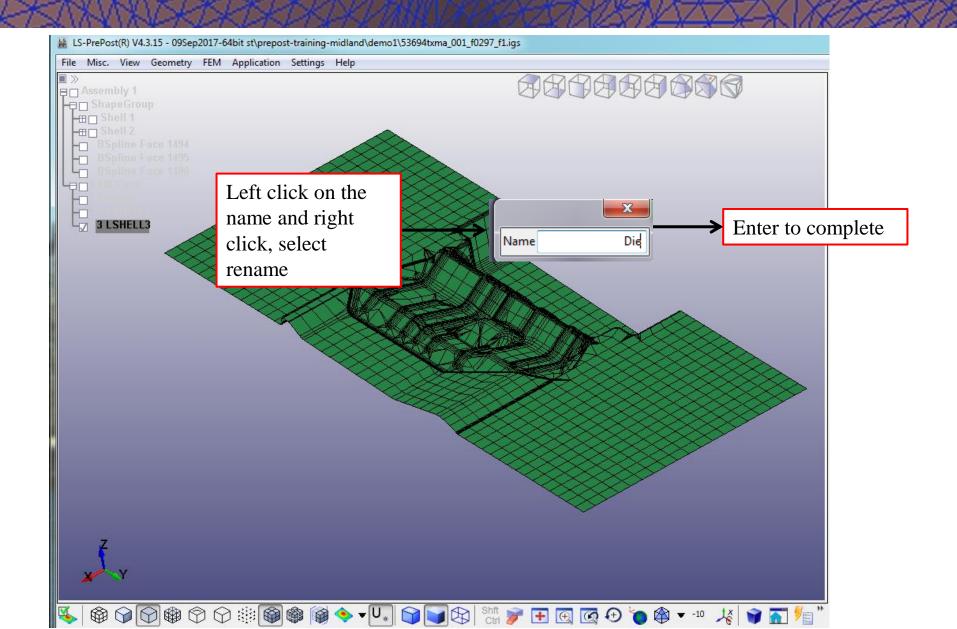
Turn Layers Off/On



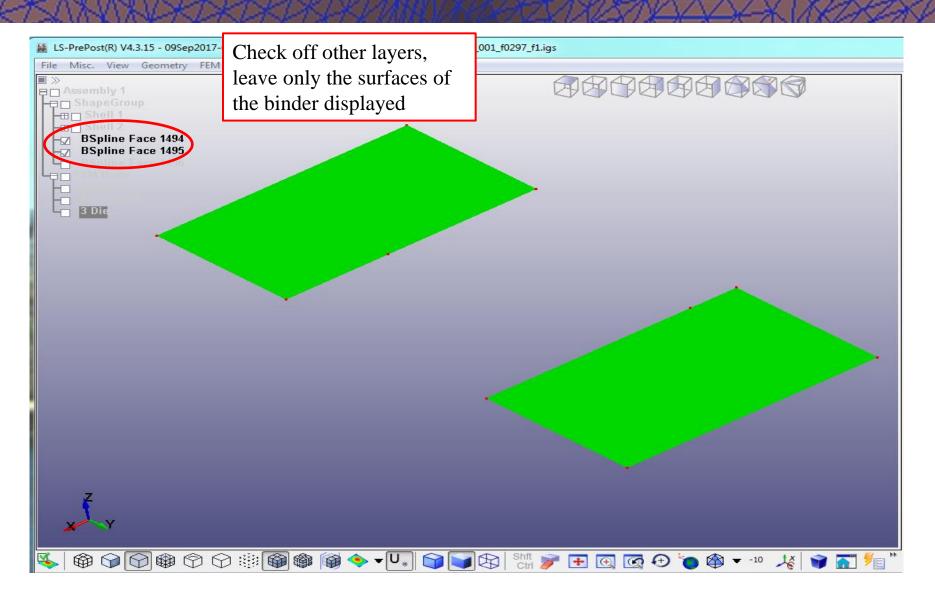
Mesh the Die



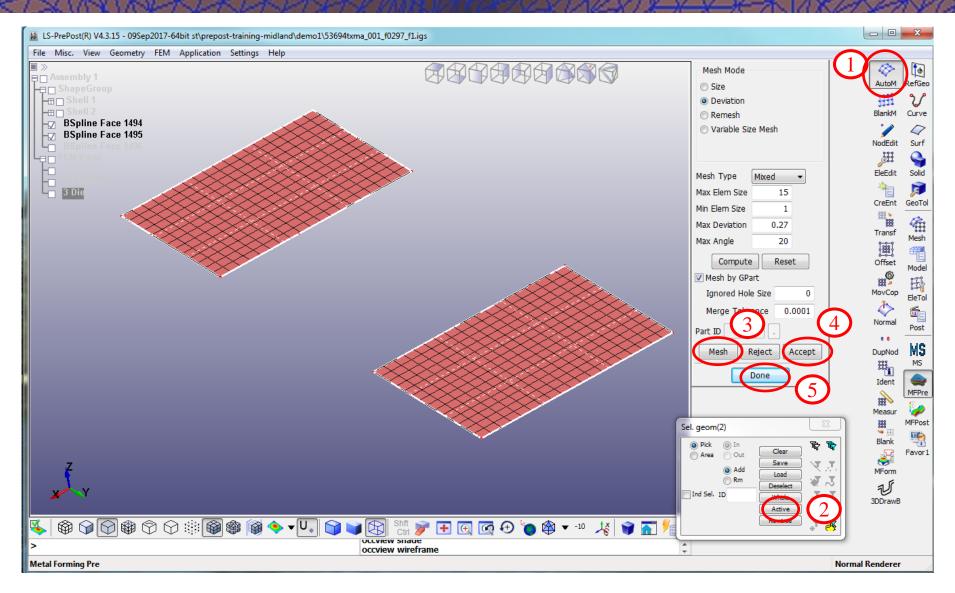
Rename Mesh Layer to Die



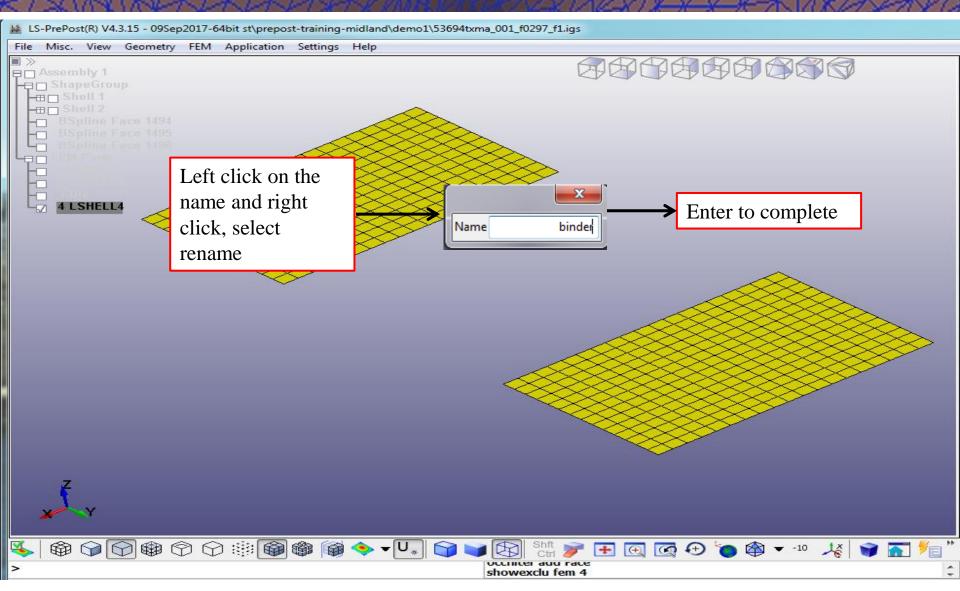
Turn Layers Off/On



Mesh the Die

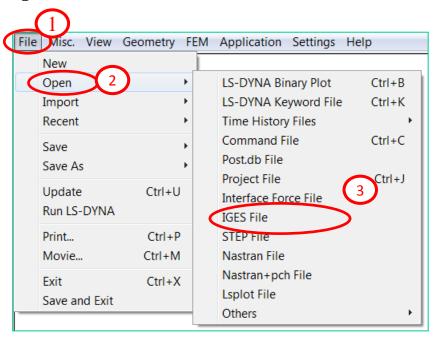


Rename Mesh Layer to Binder

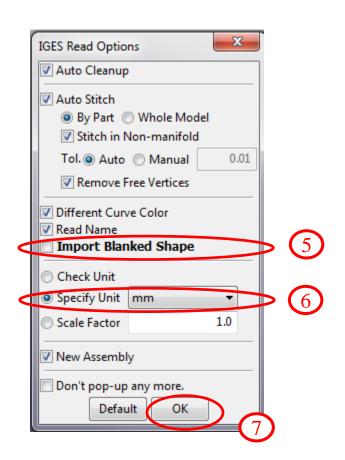


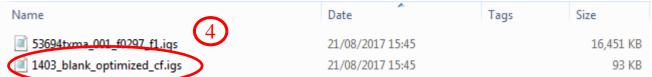
Input Blank Surfaces Iges file

Open an IGES file:

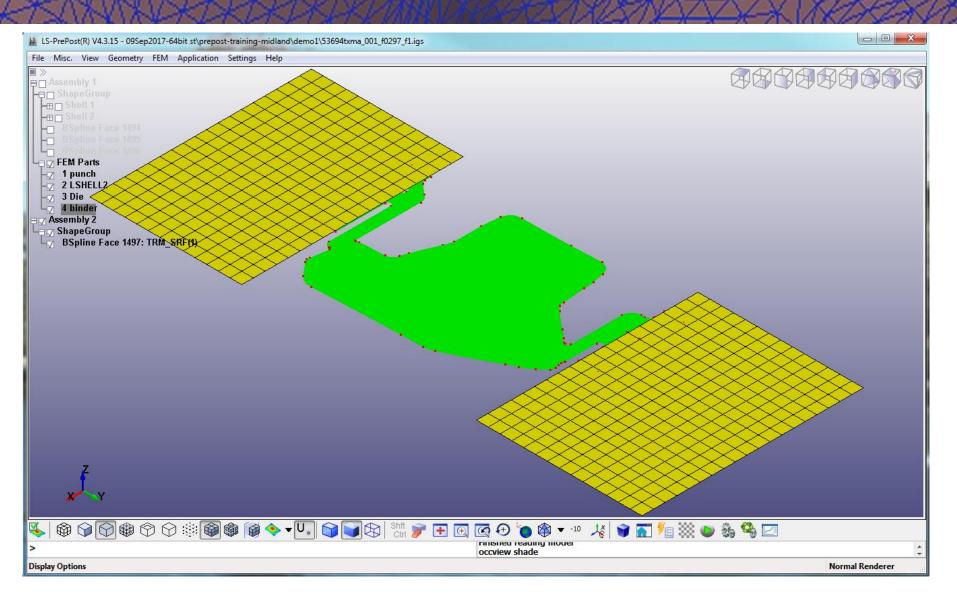


Directory: Workshop 1

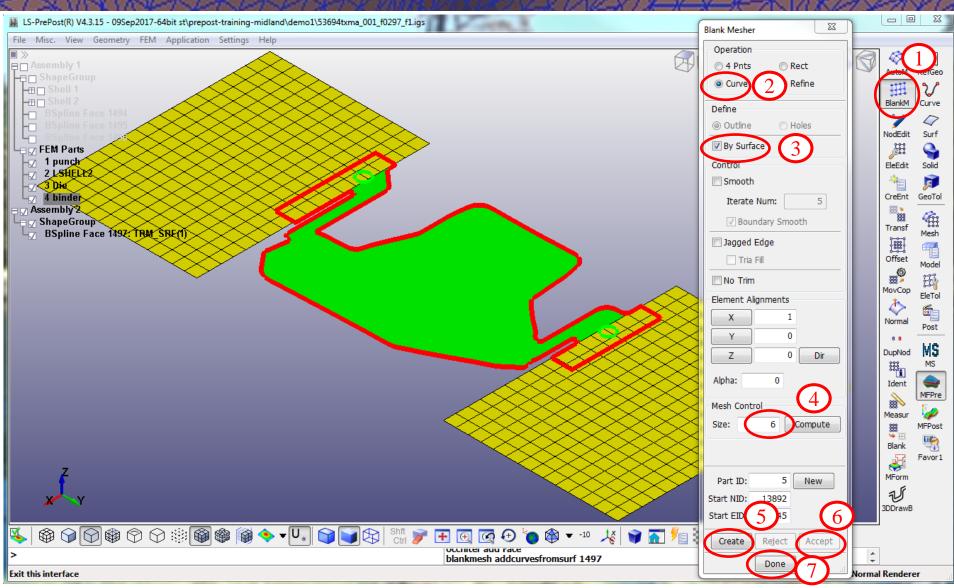




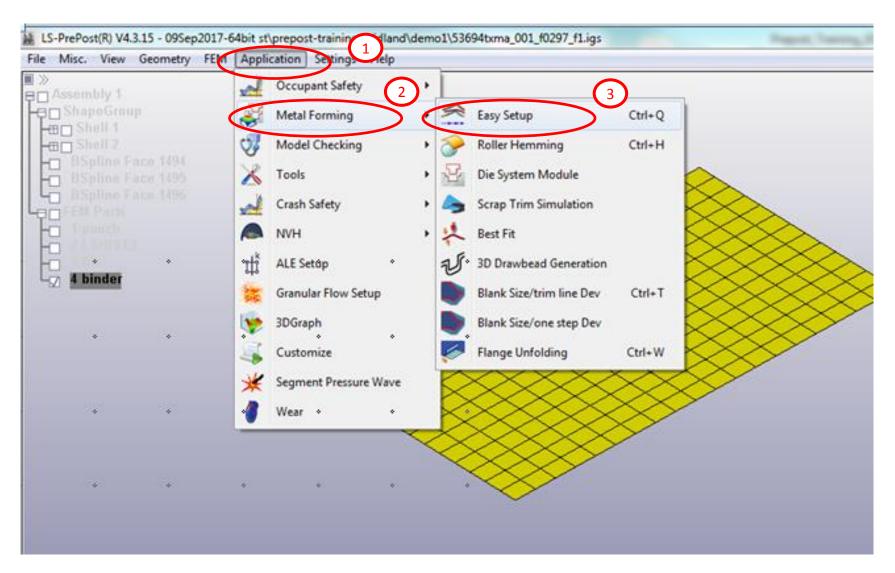
Import Bank Surfaces into the Model



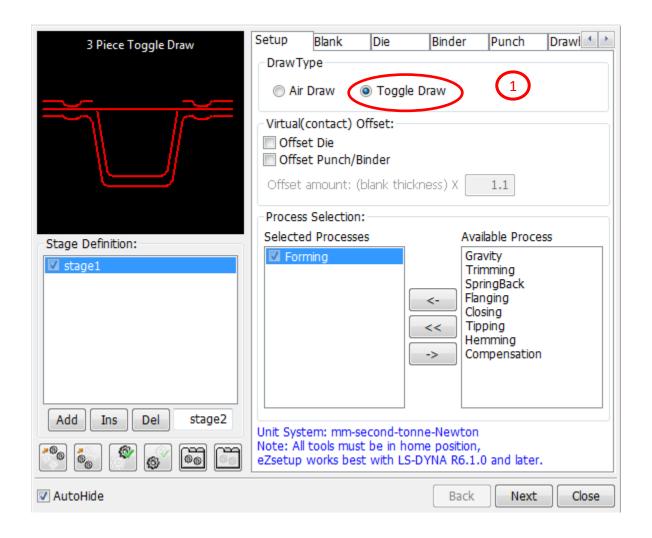
Mesh the Blank



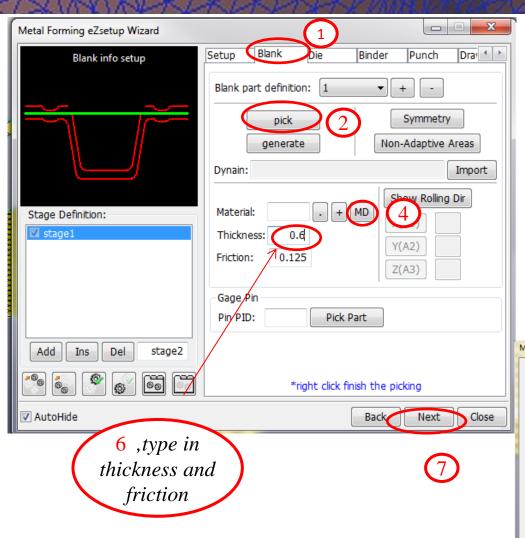
Easy Setup

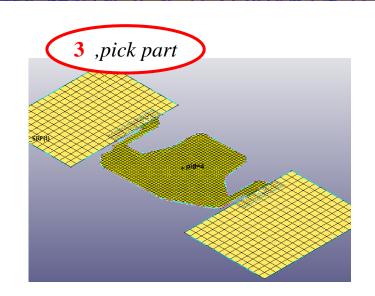


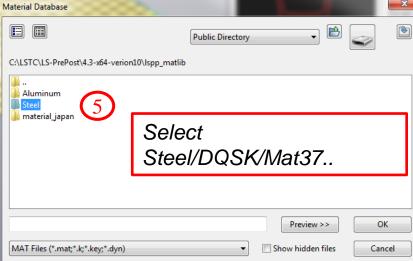
Select the Draw Type



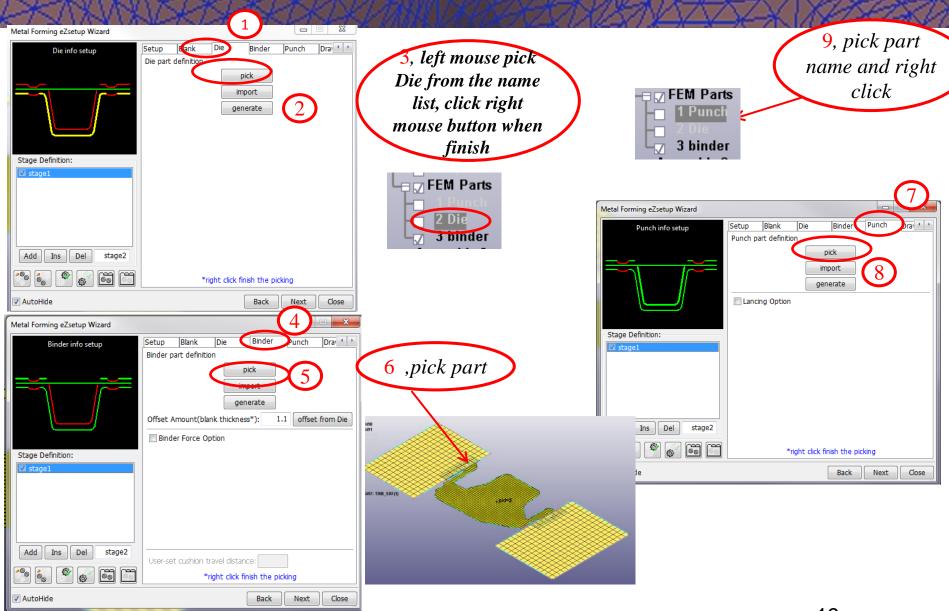
Define Blank/Blank Material/Blank Thickness



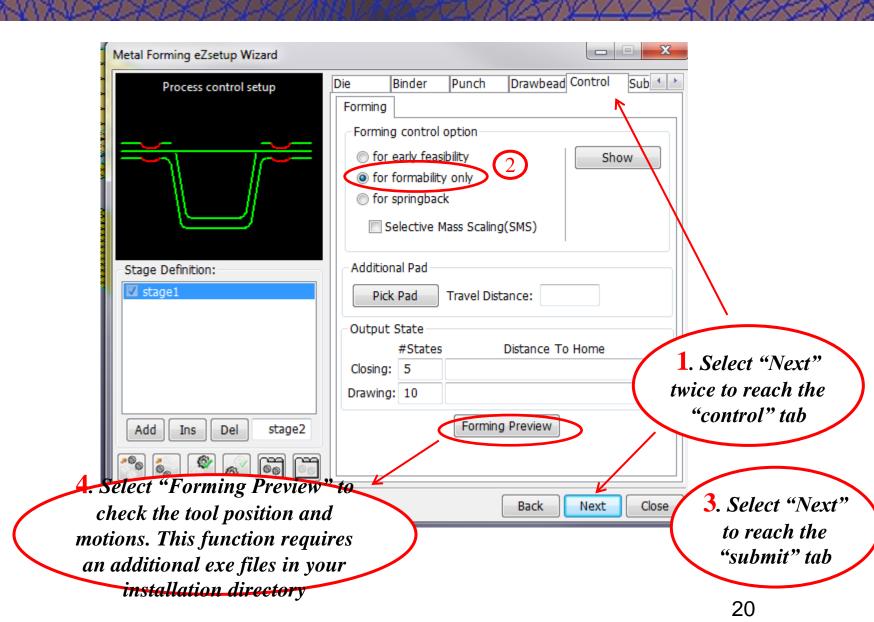




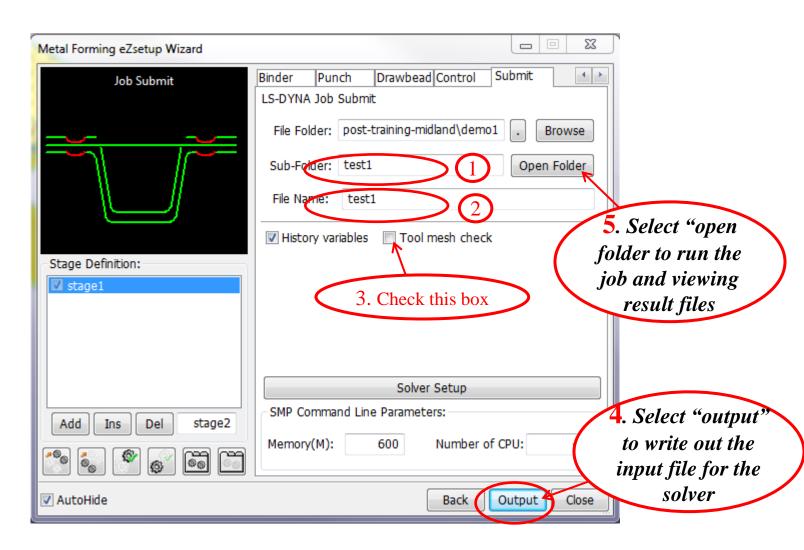
Define Tools/Die/Binder/Punch



Select the Control Options and Preview Tool Motions



Output Files for the Calculation

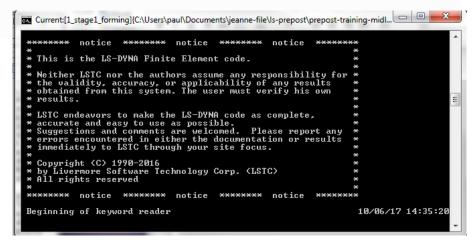


Run batch file and Results Folder

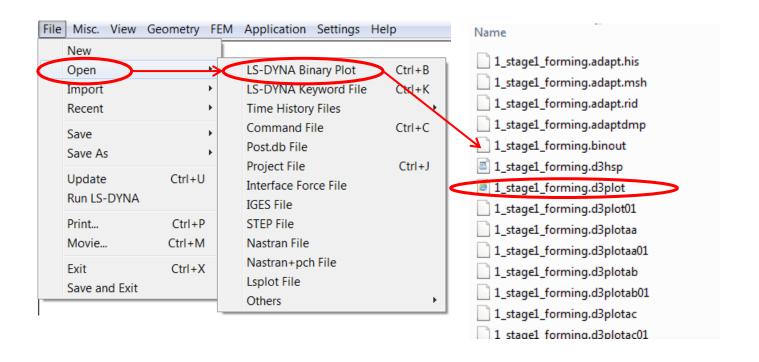
Forming Results will be in this folder

Name	Date modified	Туре	Size
1_stage1_forming	06/10/2017 14:33	File folder	
 blank	06/10/2017 14:33	File folder	
test1.bat	06/10/2017 14:33	Windows Batch File	25 KB

1. Click the batch file test1.bat, calculation will start.



Open the Result files

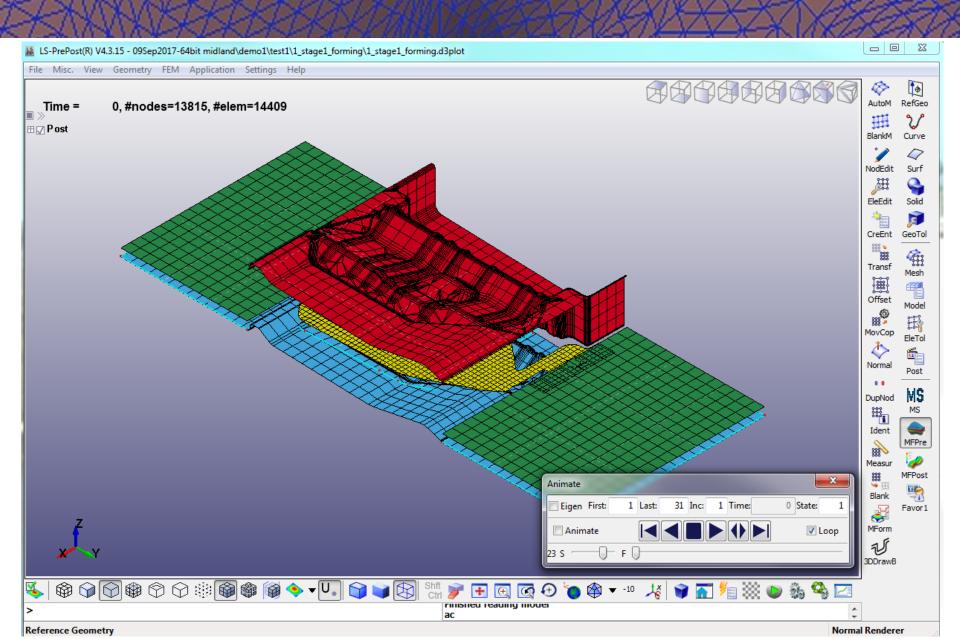


Or user can drag the *.d3plot file to

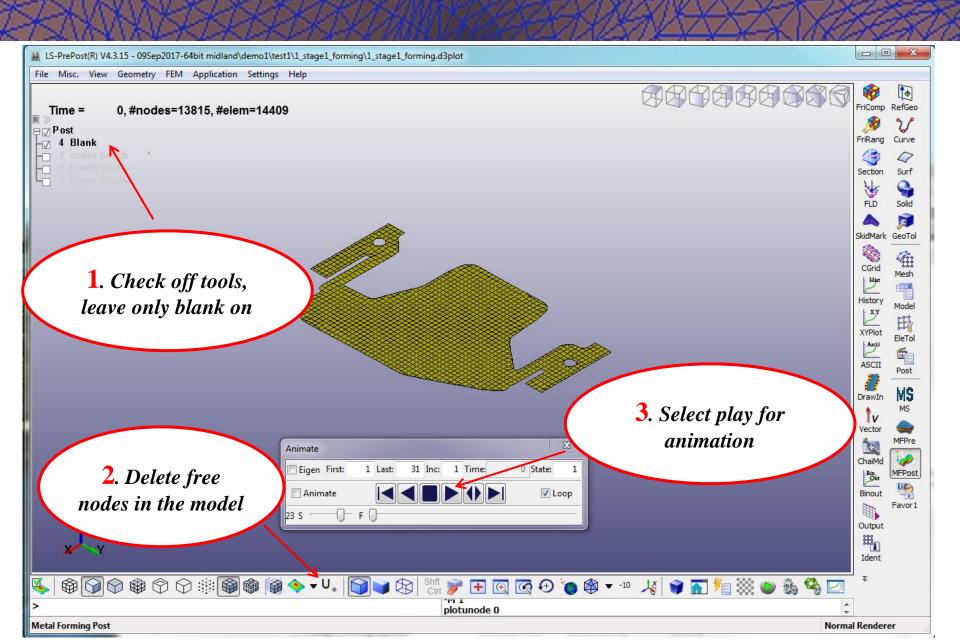


on the desktop

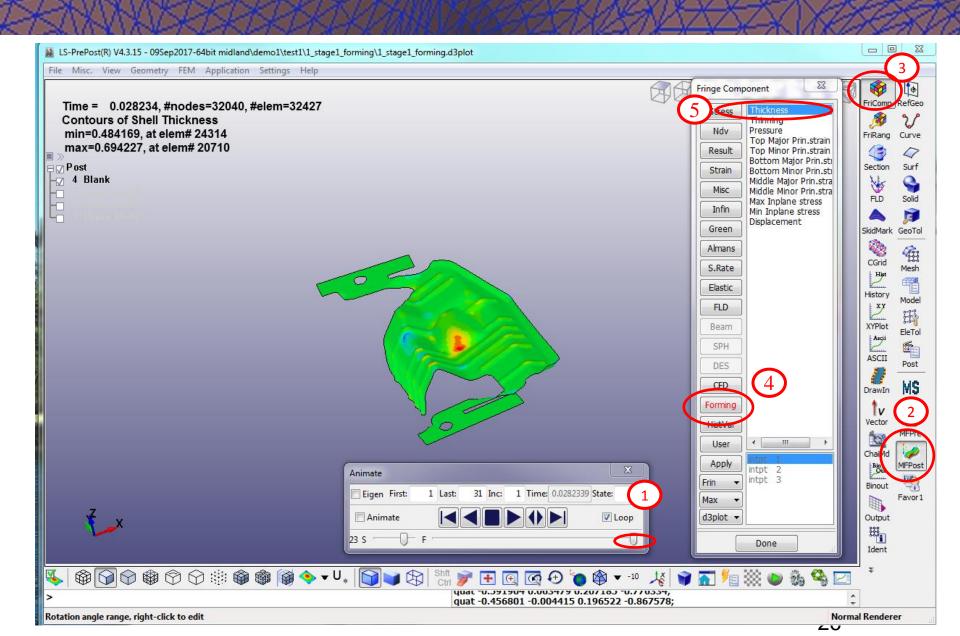
Open the Result files



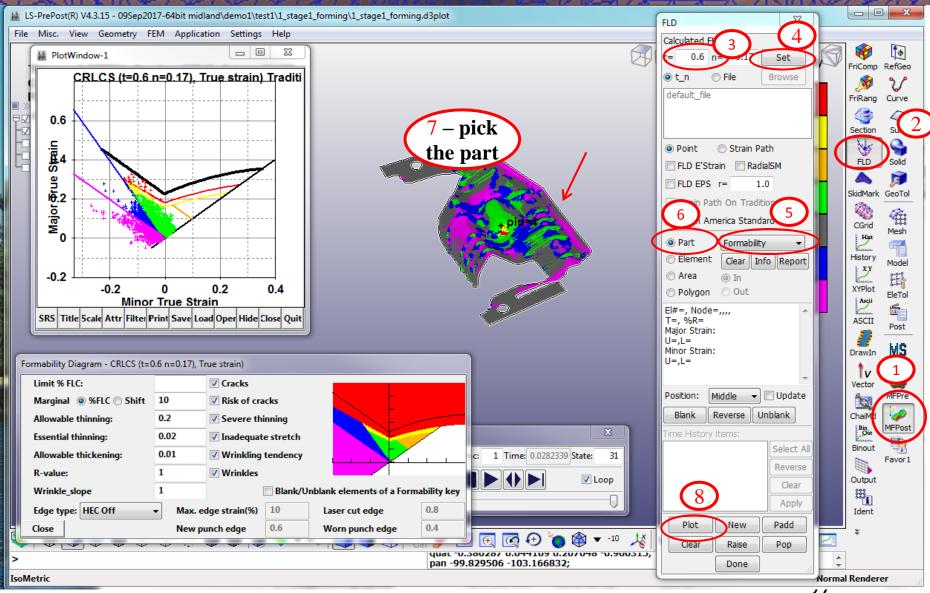
On/off Parts and Animations



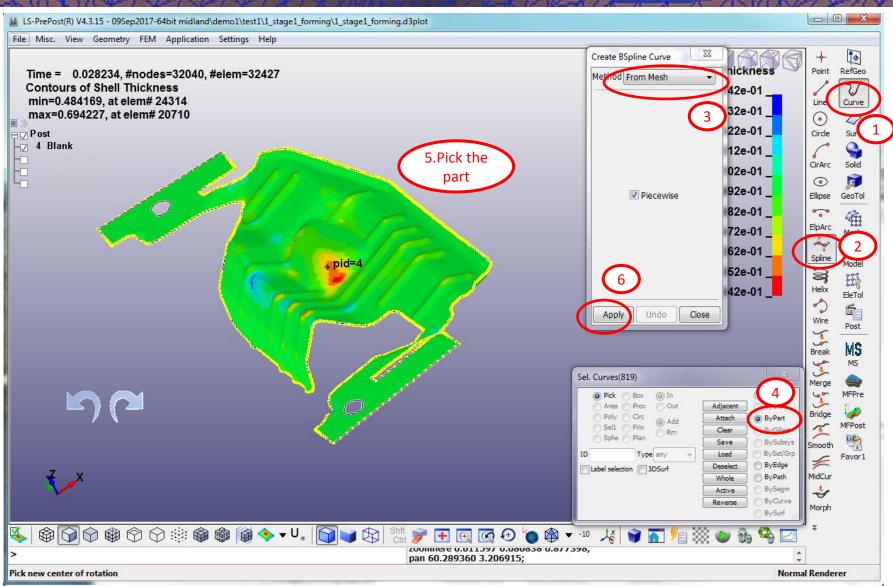
Plot the Thickness

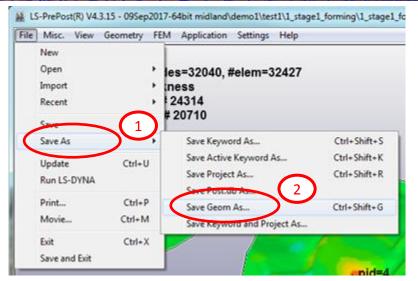


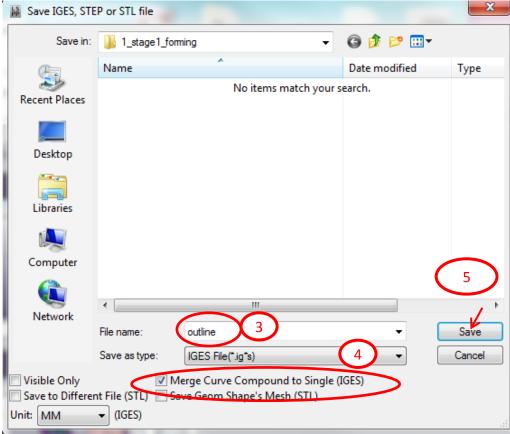
Plot FLD



Output Part Lines







Email qingjeanne@gmail.com or qhe@formingsimulation.com for questions