Forming Simulation Technology LLC

Unfold a part with LS-Prepost 4.5.20 +

By Jeanne He

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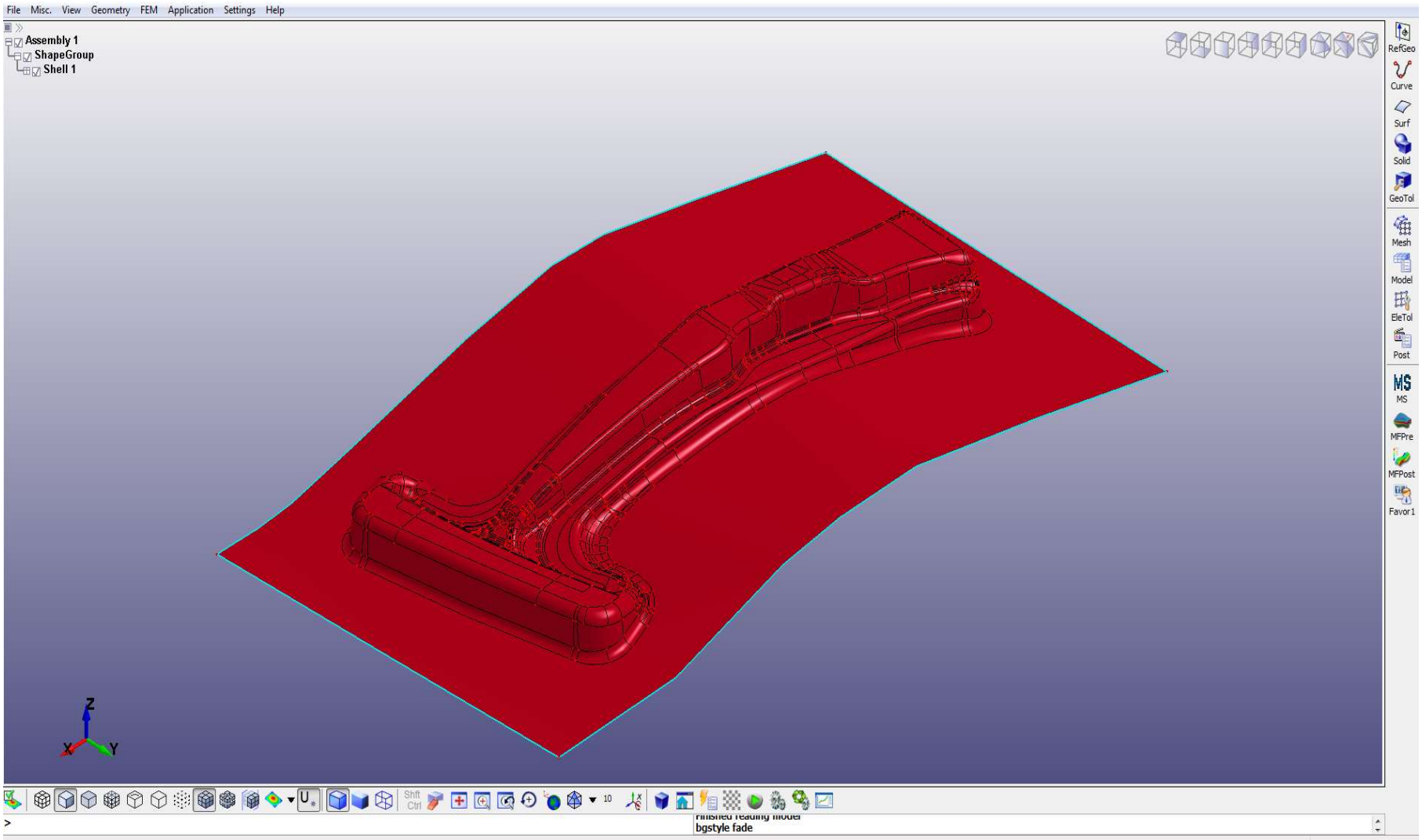
LS-Pepost Main Screen Interface

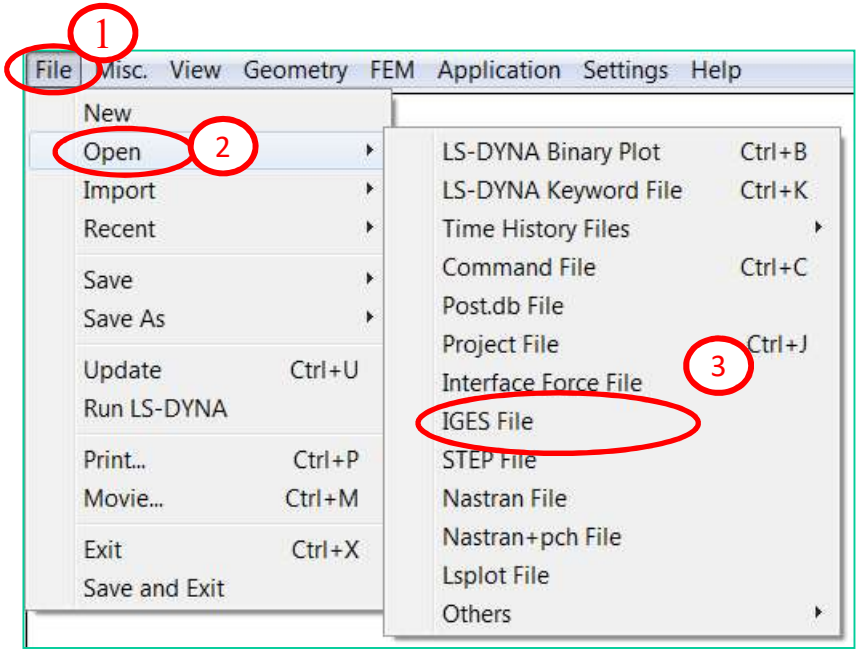


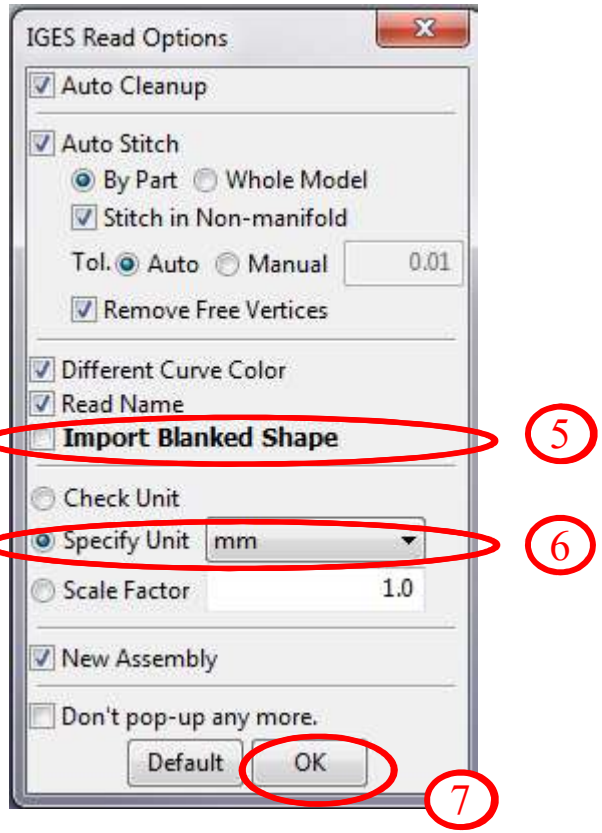
LS-Prepost Mouse Button Operation

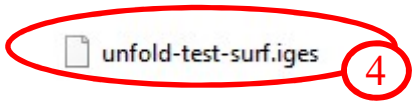
Ctrl	LMB	MMB	RMB
	Rotation	Translation	Zoom

Input Blank Surfaces Iges file

Open an IGES file:

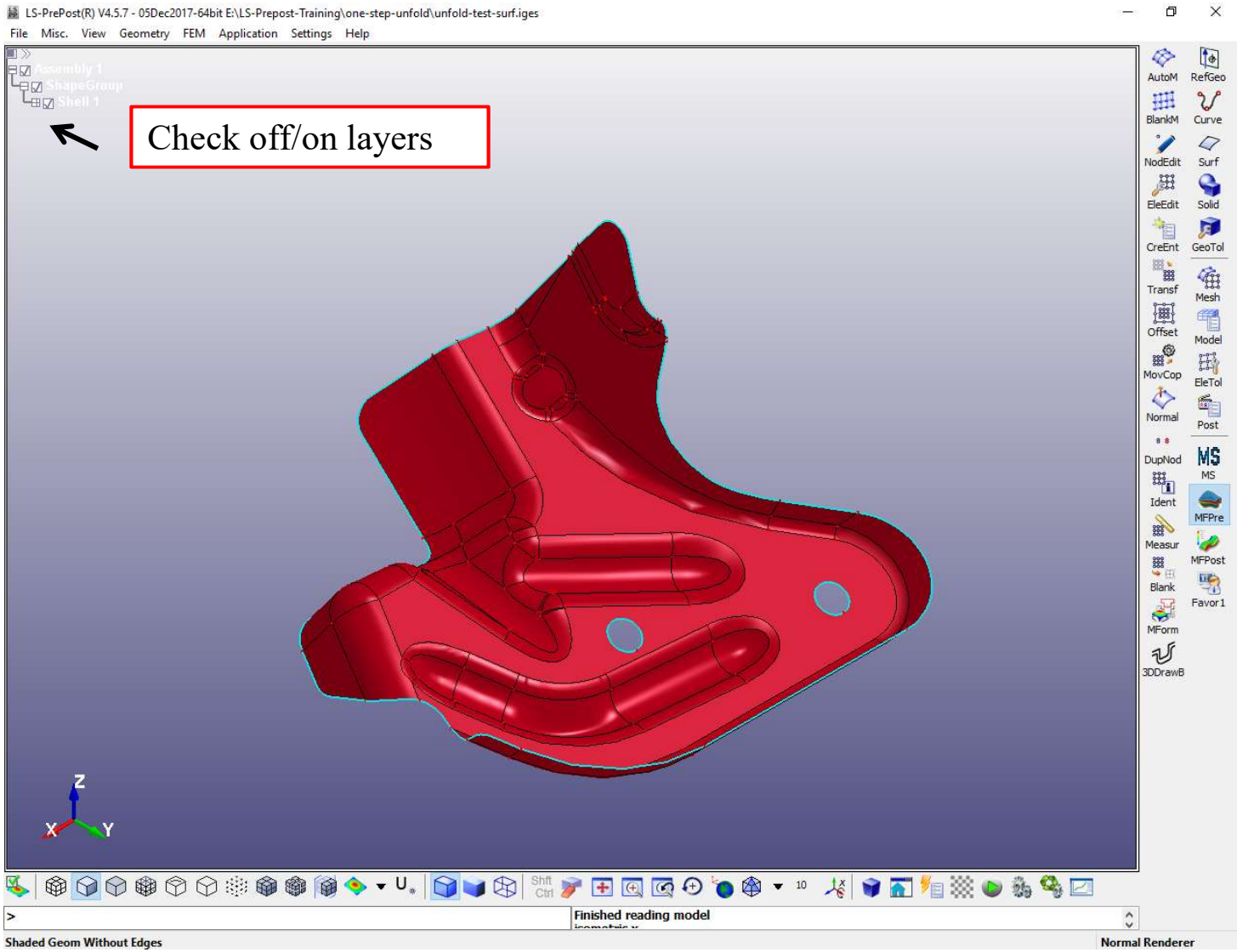




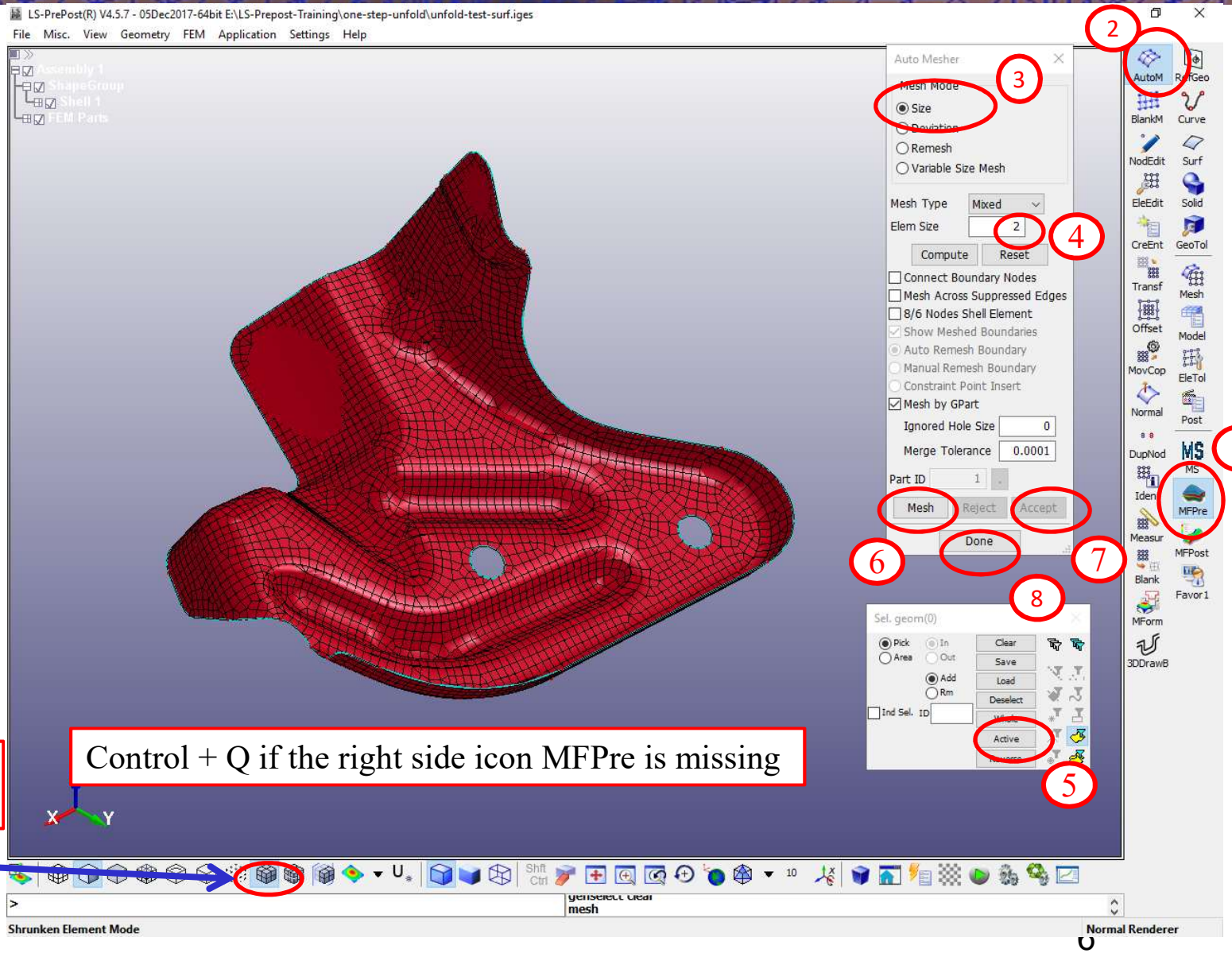


Note: step file is more reliable

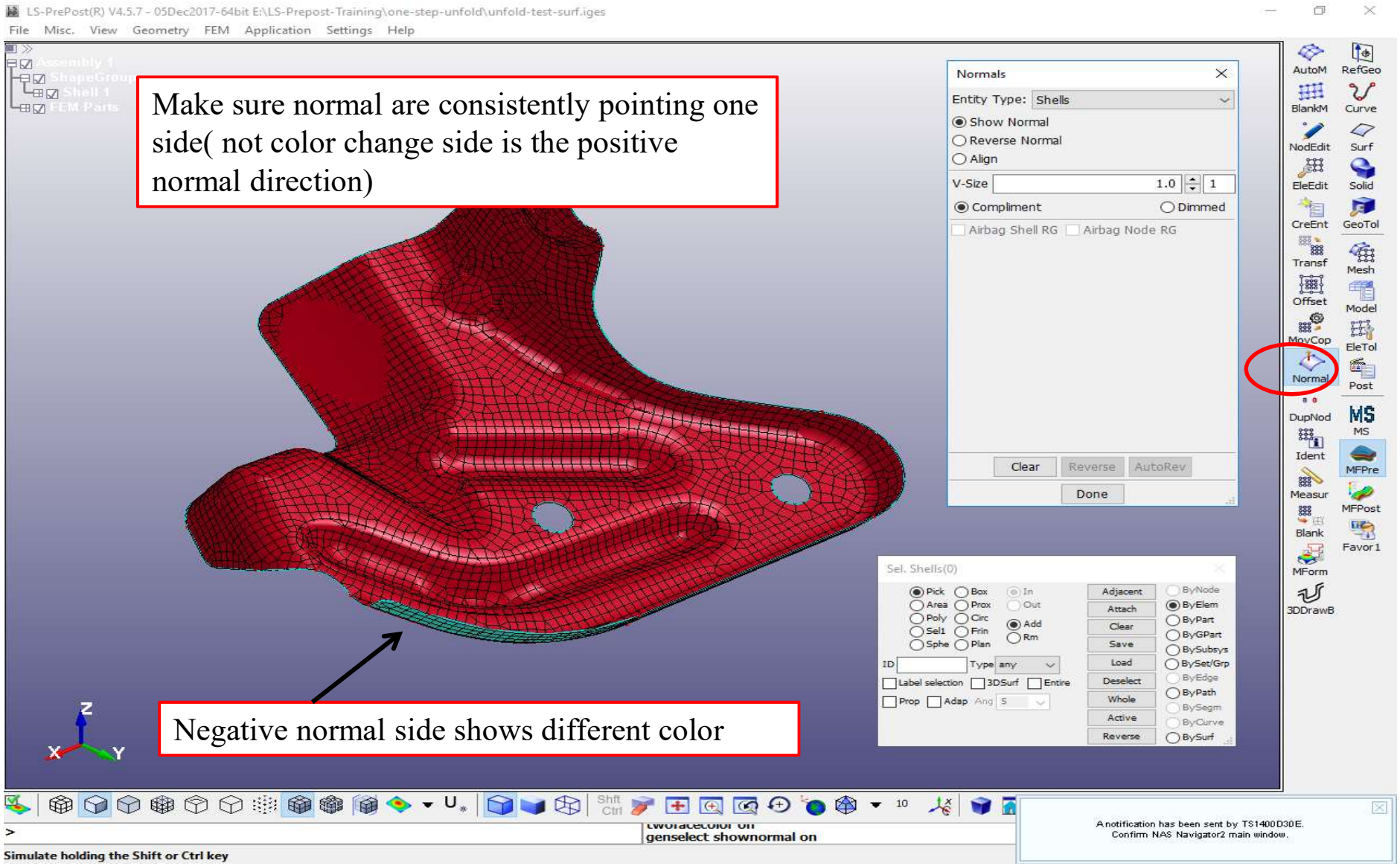
Turn Layers Off/On



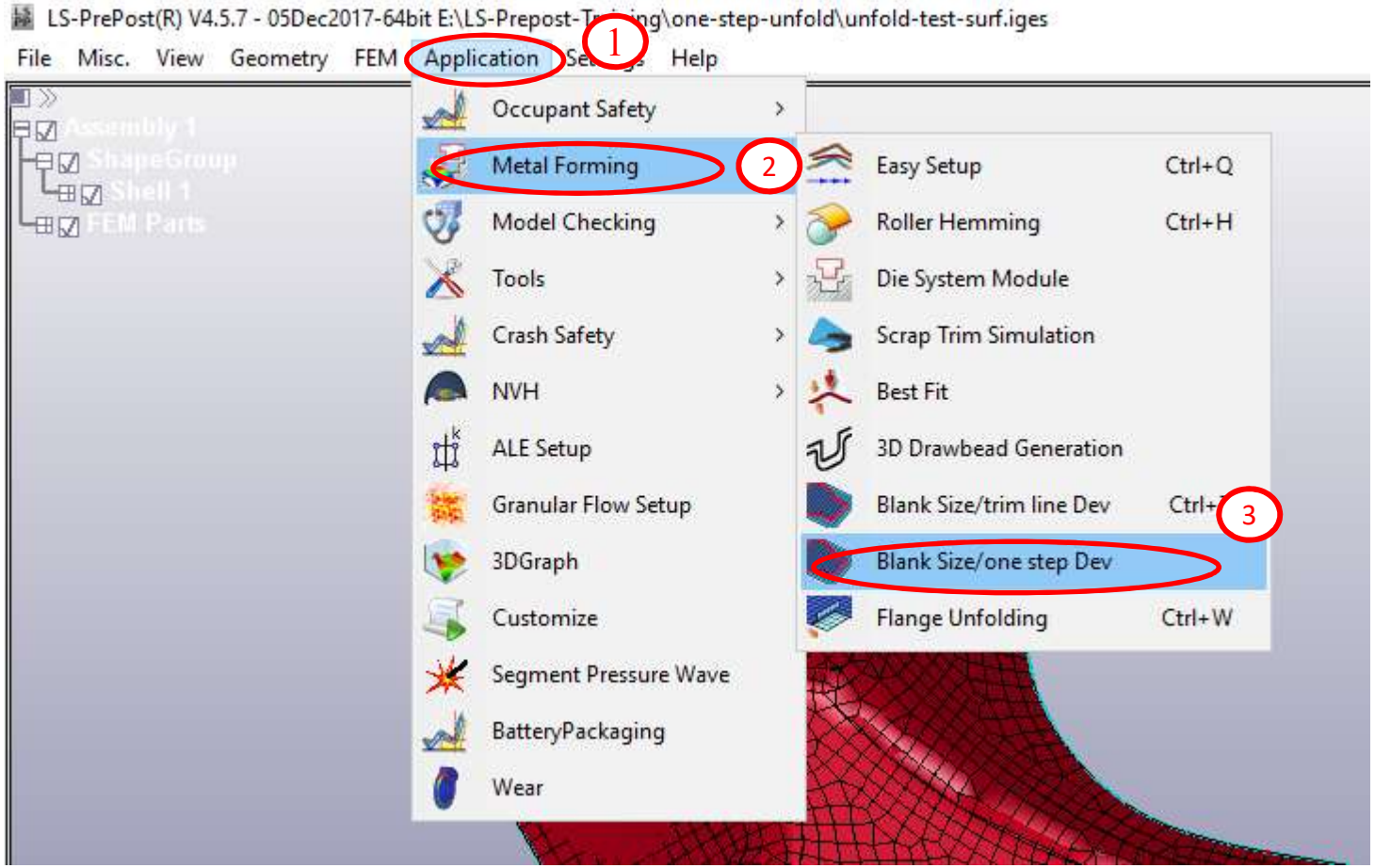
Mesh the Surfaces



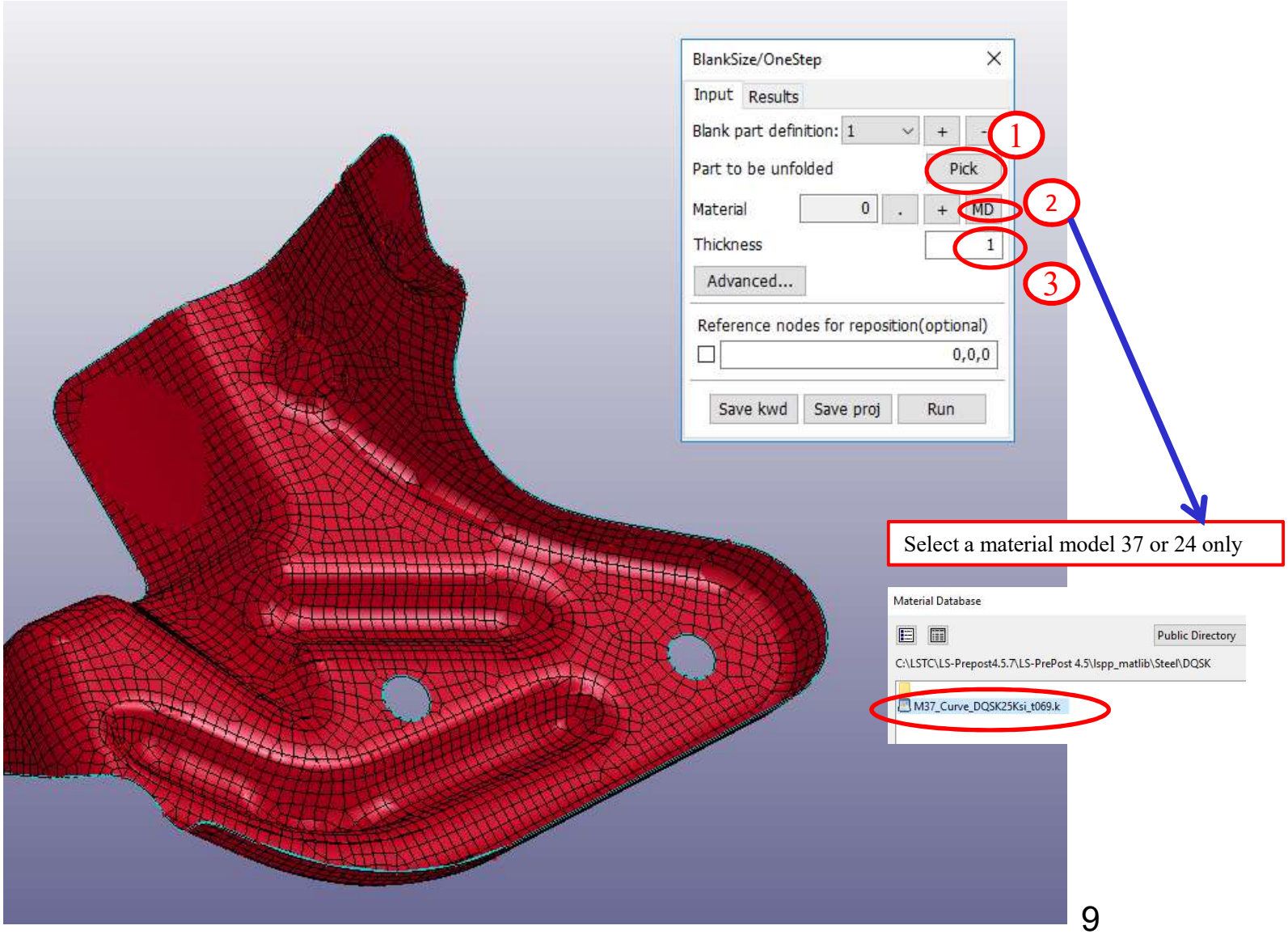
Checking Normal (optional)



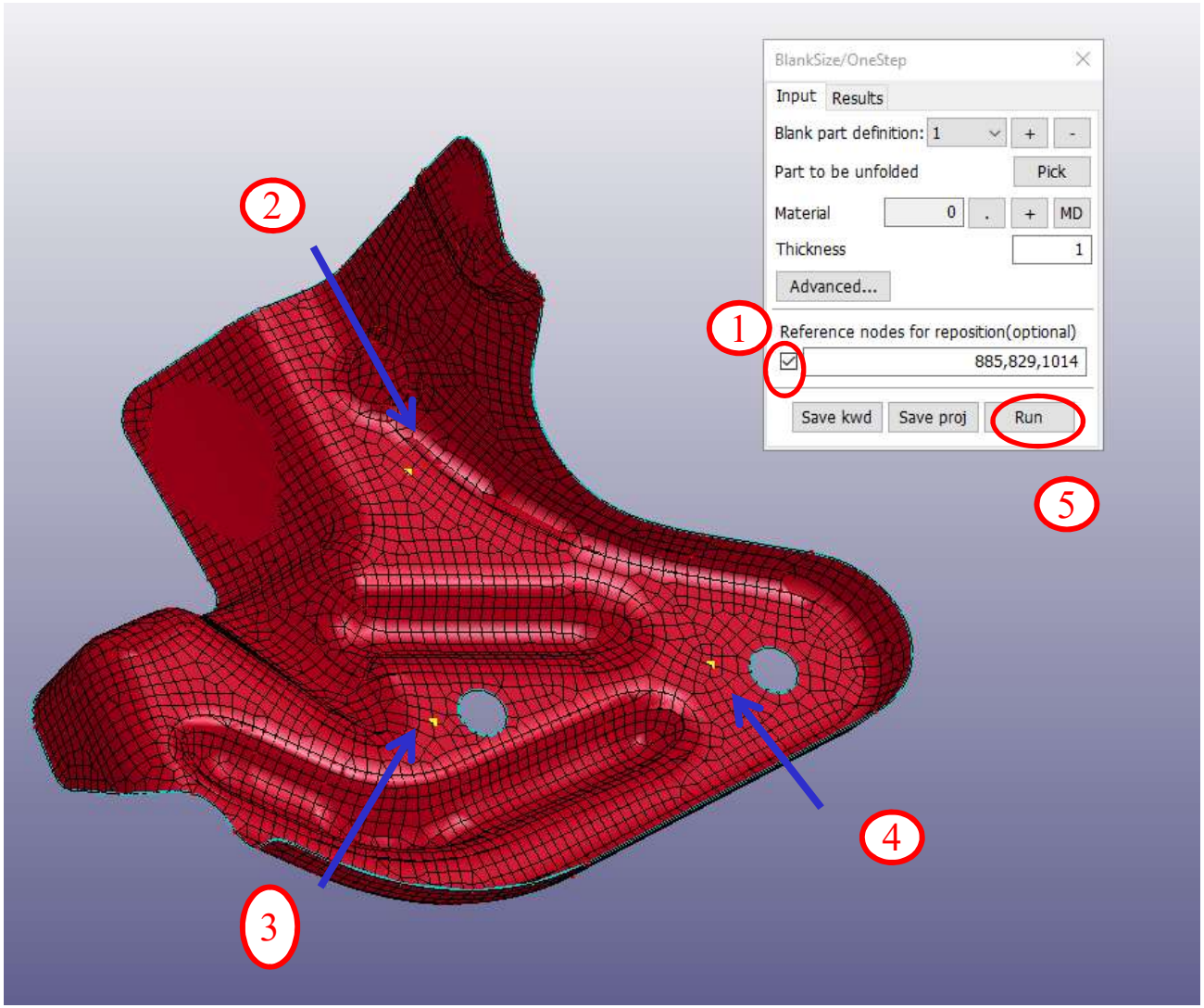
Blank Size/One-Step Development



Define Part/Material/Thickness

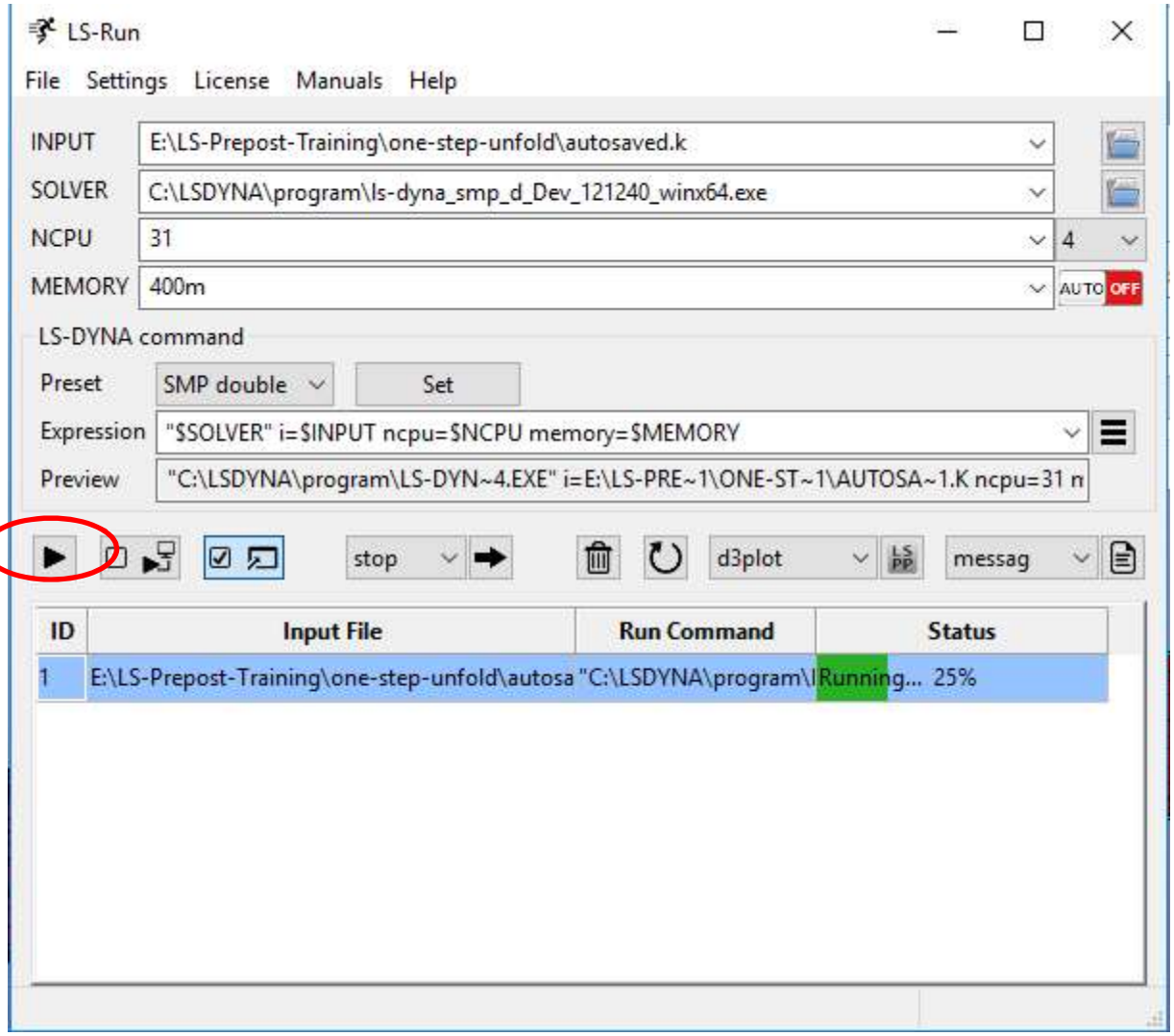


Select Three Reference Nodes

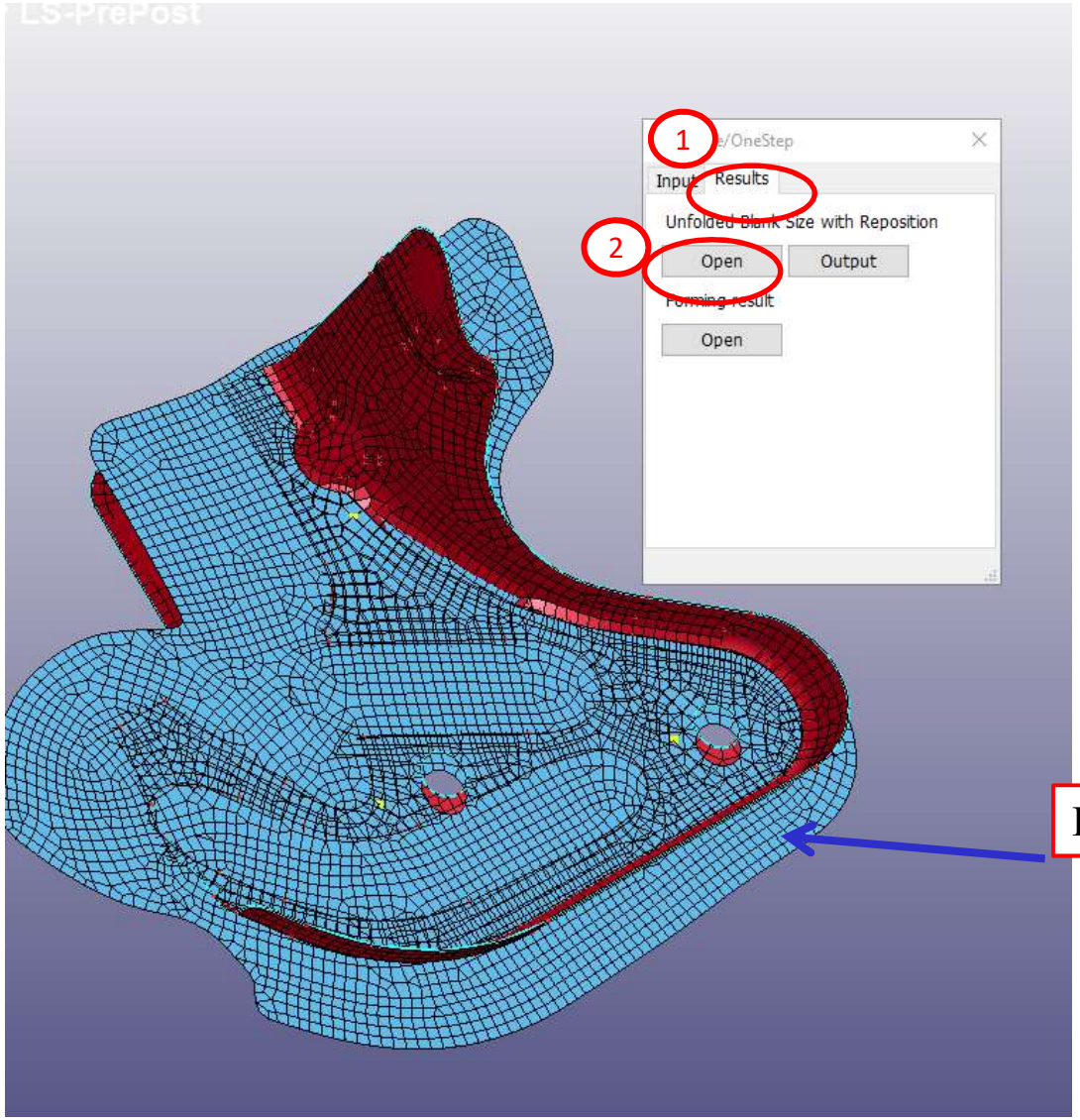


Three reference nodes will define the unfold plane, the first nodes is a lock point.

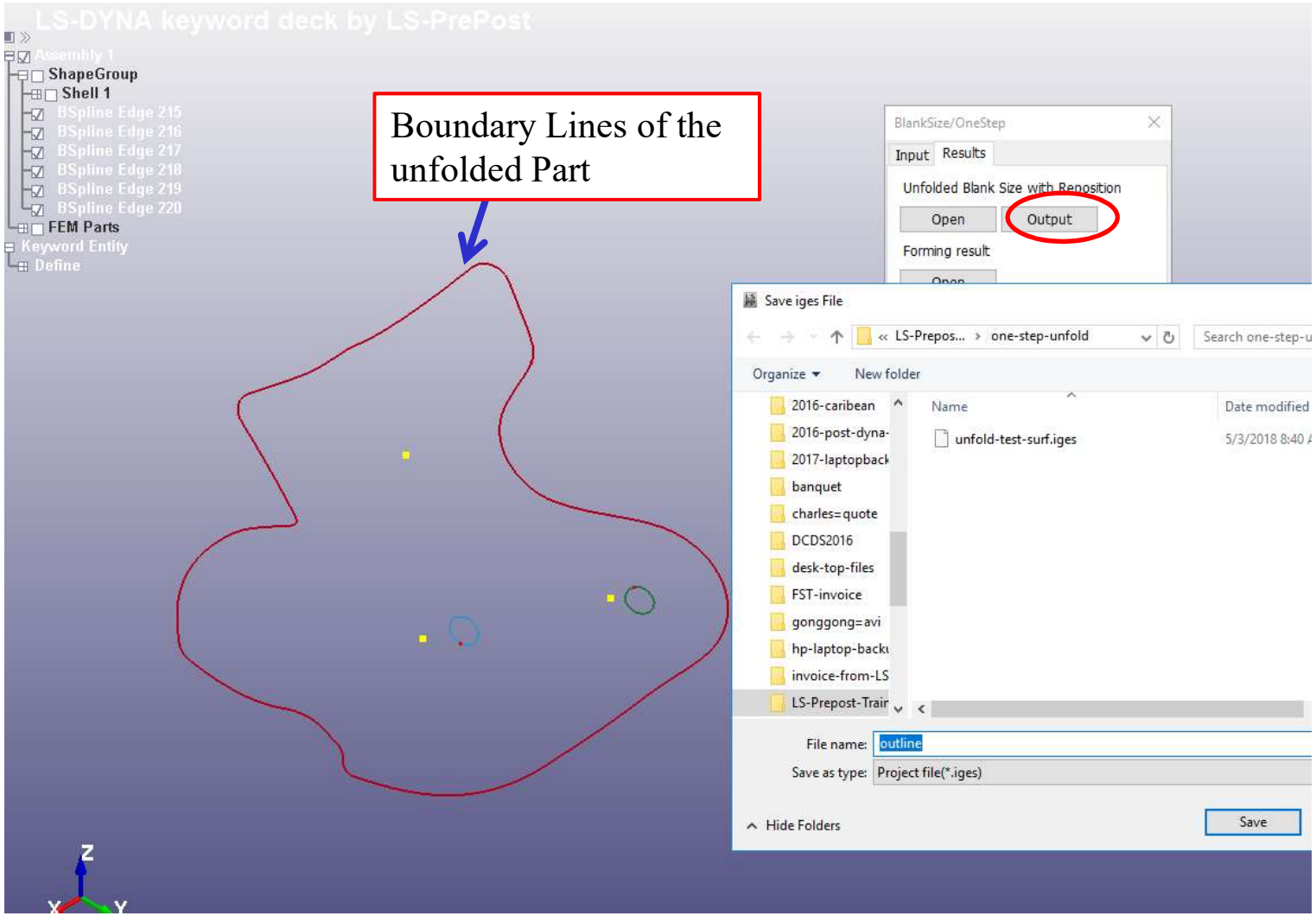
Submit the Job



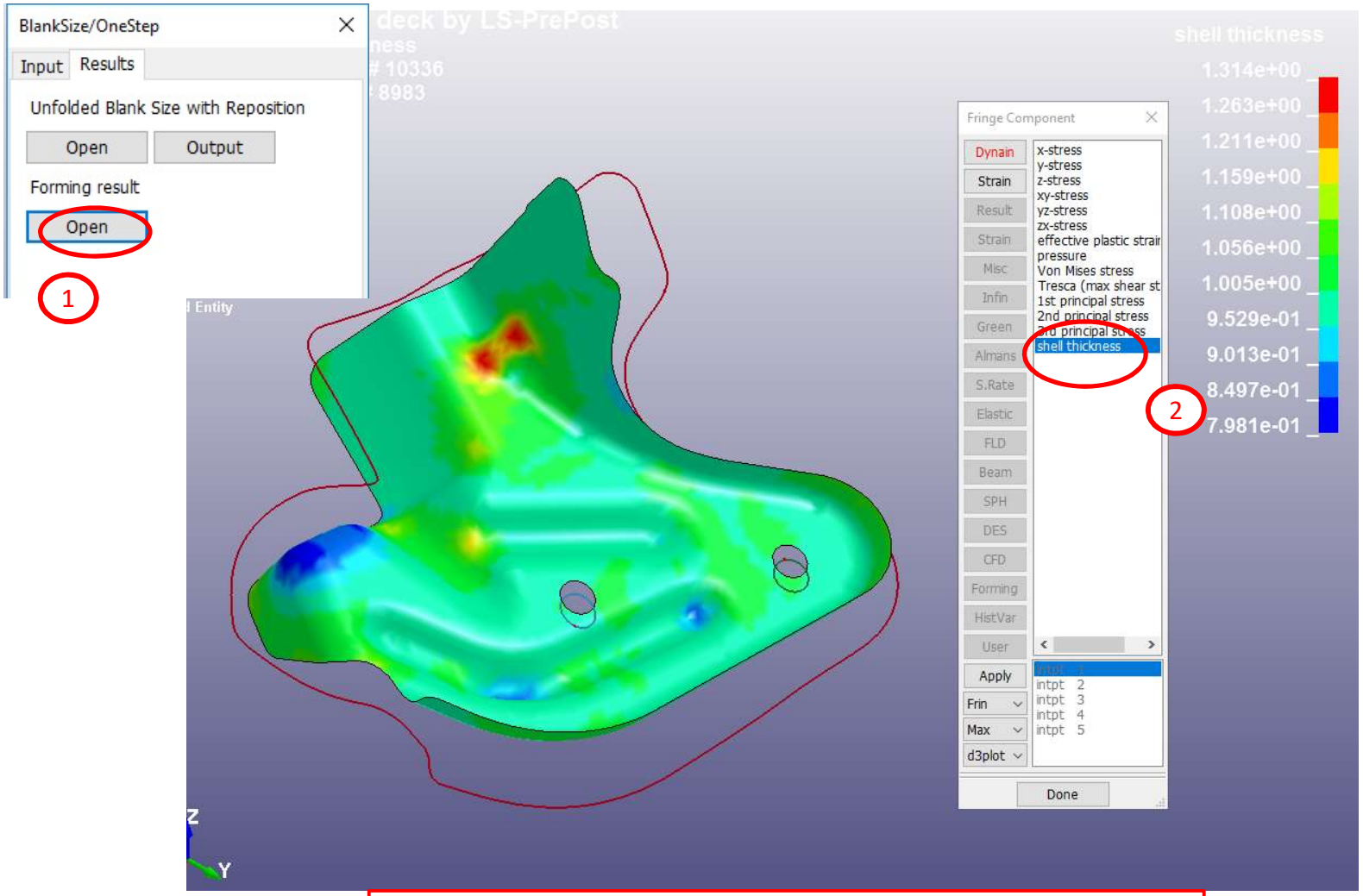
Results


LS-PrePost
1
/OneStep
Input
Results
Unfolded Blank Size with Reposition
2
Open
Output
Forming result
Open
Flattened Part

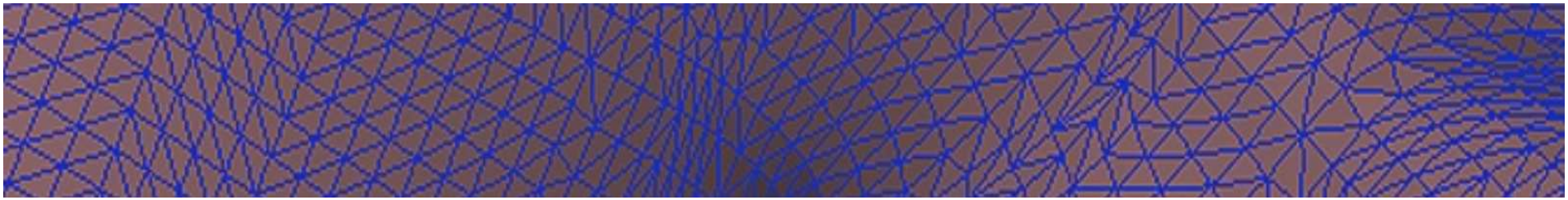
Output Boundary Lines



Formability Results



Thickness Contour Map



Thank You!!!

Please feel free to check out more training videos and Tooltips at

www.formingsimulation.com