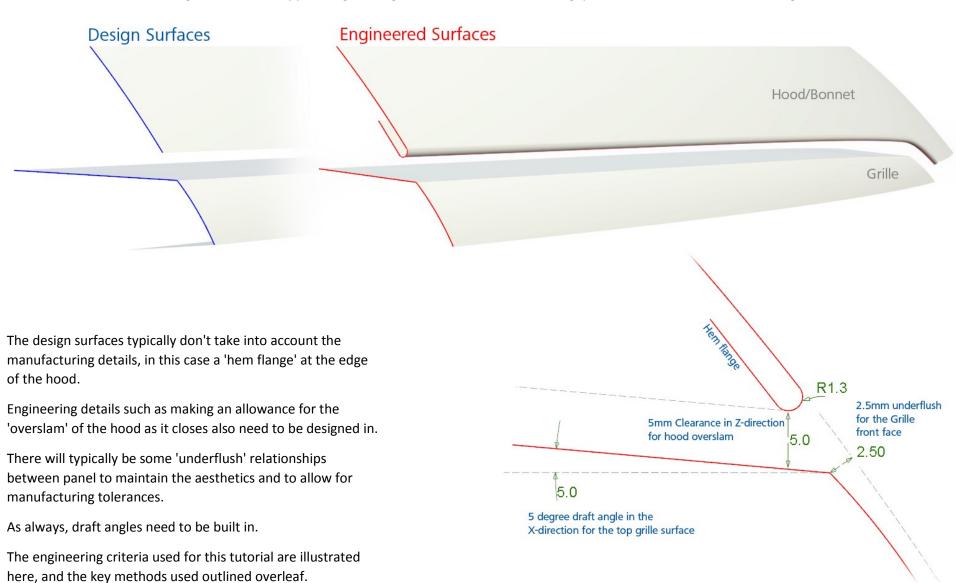
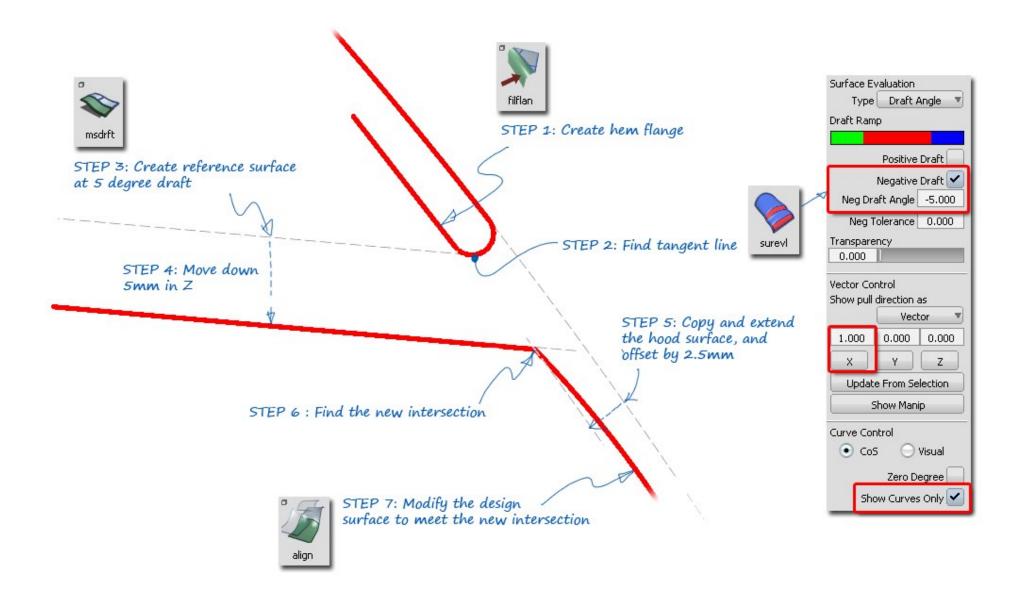
A5.23: Hood Edge - Modelling an Accurate Gap

This tutorial takes a set of design surfaces and applies engineering criteria to build an accurate gap between the hood and the front grille.



PROCESS:



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1.37	Evaluating the gap in the design model visually	View Cube Menu	Non-Proportional View	
2.08	Explanation of the Engineering criteria for the Hood overslam			
3.49	Building the Hem flange on the hood edge	Surfaces > Rolled Edge	Fillet Flange	
4.36	Copying the Rolled Edge surfaces onto the overslam layer			
4.52	Working out the Draft Angle direction for the grille	Diagnostic Shade	Surface Evaluation	Draft Angle
6.00	Creating the Draft surfaces for the top of the grille	Surfaces	MS Draft	
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7.25	Creating the grille underflush by offsetting the hood surface	Object Edit	Offset	Geometry Average
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9.28	Using Blending in Align to maintain the design shape	Object Edit > Align	Align	Blending