

1.2 How Surface Contour is Evaluated

Surface Contour can be evaluated in two ways. The first method evaluates the surface finish quality, while the second method focuses on the styling and shape of the vehicle.

Evaluating Surface Finish Quality

Factors that will affect the overall surface contour and finish quality of a panel can often be related to manufacturing conditions. These conditions include the surface finish of the punch and die, die spotting, and part handling. The panel is normally laid flat and the surface finish is then evaluated by visual checks, by feeling the panels, and by using Hi-Lite oil (in a Hi-Lite booth). These evaluations are in addition to those made from reflectivity.



Figure 1-14. Hi-Lite Booth

The following graphic is a sample from a 'Hi-Lite Report' prepared by Tooling.

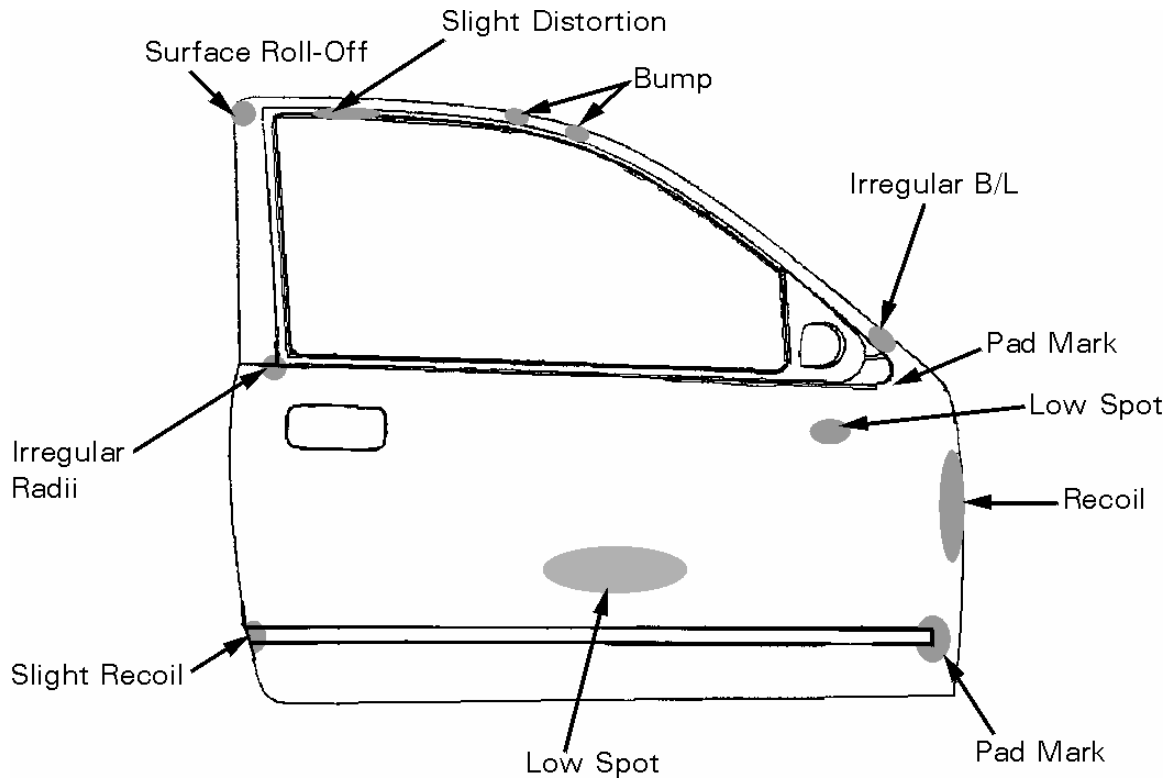


Figure 1-15. Surface Imperfections

While this addresses tooling issues extensively, it does not specifically focus on reflectivity. These issues may directly affect the reflectivity of the panel as well.