

## Why Laminate?

Safer to reverse when raining

### *Laminate versus No Laminate*

When One Way Vision is not laminated and installed onto a vehicle, **when it rains, the water stays in the holes**, causing **visibility to be significantly reduced** from the driver's perspective, to the point it looks like you are looking through an out of focus camera. When reversing, as the visibility is reduced, **this makes it unsafe**, because other cars, people or property are not easily seen, and therefore increases the potential of an accident. Refer to image 1 below, for a sample photograph of a rear windscreen laminated and unlaminated when raining, to compare the differences in visibility.



*Image 1 – LAMINATE is SAFE: View is not blocked for laminated one way vision when it rains*

As can be seen in the image, the sweep of the rear windscreen wiper does not improve the visibility of the unlaminated section. Whilst the laminated section, CurvaLam, visibility is improved in the area swept by the wiper. Some cars have rear sensors and/or rear cameras. Even though these devices help, relying on them solely is not recommended. For the driver to turn around and visually check is the ultimate in making sure it is safe to reverse.

### *Recommendation for Vehicles*

For safety reasons, we **strongly recommend** all Australian registered vehicles be laminated with the optically clear laminate **Clear Focus CurvaLam** when AutoVue One Way Vision is installed on the rear windscreen. For vans and utes (Australia and New Zealand), and 4wd's in New Zealand, PromoVue and CurvaLam is recommended.

### *What is CurvaLam*

Clear Focus manufactures an optically clear laminate film called CurvaLam. It is specifically designed for perforated window graphics installed on vehicle rear windscreens.

Of all varying brands of laminate films on the market we inspected, CurvaLam was the most optically clear whether it rained or not. Many of the other brands had reduced visibility, especially when the rear windscreen is at an angle, even in good weather. For optimal results, use AutoVue and CurvaLam on your car's rear windscreen.