

technical bulletin

Date: 05/15/2006

Re: InvisiGARD Paint & Headlight Protection – Cleaning Film after Extensive Exposure

Our InvisiGARD Paint Protection film does it's best in keeping your vehicle looking great. There may be instances however where the film appears to have lost it's initial glossy finish. This is easily remedied. Start by washing any surface dirt off of the film with warm soapy water and a soft, lint-free cloth. Dry the surface and follow the procedure below.

With a heat gun on high heat, move slowly in small circles to heat up the surface of the film without burning it (if you were to keep the heat gun in exactly the same position for 60 seconds, it will burn). The goal here is to move very slowly so as to really give the film some excessive heat. Please note: Heat from a hair dryer will not work. A commercial grade heat gun is required.

After about 30 seconds, you will see the gloss and clarity start to re-appear in the area exposed to the high heat. Continue to move the heat gun across the area, focusing on small areas at a time, until all of the gloss has been restored.

In order for this to work, the film has to get VERY hot. Once you have finished heating the product back to life, let it sit for 10 minutes, or pour cold water over it so that it cools down. Do not clean, wipe, or dry the film while it is hot as this will cause scratches on the hot soft surface area. Once it has cooled down, simply spread a layer of polish (we recommend Rod & Custom Show Gloss Creme) over the surface and the film will look as good as new!

The surface of the film gets micro-abraded by dirt over a period of time. The time frame will vary according to how the film is maintained. Moreover, while driving the film is being sand blasted by dirt and sand. This eventually leaves thousands of tiny scratches that are too small to see with the naked eye. Heat gun air temperatures reach 240° C which partially melts the outer most surface of the urethane. The scratches, which are microscopic, flow out and are eliminated. Thus, the surface of the film must be extremely clean before beginning to heat gun the film; if not, the dirt will be sealed into the film and it will look worse than when you started.



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