

Proper Application of Chip Protection Films

Topic number	LI98.00-P-078106
Version	1
Function group	98.00 - General
Date	9/9/24
Validity	All vehicles with paint protection films.
Reason for change	

Complaint

Damage or discoloration to paint protection films on vehicle.

Cause

Chip protection films are a wear item that may need to be replaced over the life of the vehicle. They are typically not covered by vehicle warranty.

Remedy

To properly install a paint/chip protection film, please follow the below guidelines:

#1 - Utilize a solution that is 0.2% soap solution (1,000ml of water + 2ml of liquid soap).

#2 - Clean the paint surface and ensure it is dust-free.

#2a - When cleaning, you can utilize isopropyl alcohol (Rubbing Alcohol) to assist with cleaning.

#2b - We recommend a lint-free rag for secondary dusting.

#3 - Wet hands with the soapy water solution to protect the adhesive surface.

#4 - Remove the backing paper from the film completely.



#5 - Moisten the vehicle surface with the soapy water. You can also lay the protective film with adhesive side out onto the wetted surface to also cover the adhesive layer in the soapy water solution.

#6 - Remove film and flip over to gently place adhesive side against the paint surface.

#7 - Working from the center out, use a squeegee to press the soapy water solution out from under the film. Use sufficient pressure to firmly press the film into the paint surface, but not an excessive amount to damage or stretch the film.

XENTRY Tips

#8 - Allow film and paint to "cure" until all of the moisture has evaporated. At this time the adhesive should be dried and cured enough for sufficient hold to release the vehicle.

Attachments	
File	Description
PaintFilmApplication1.png  <p>Folie wird mit der Klebefläche nach oben vorübergehend abgelegt</p>	
PaintFilmApplication2.png 	

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms				
Overall vehicle > Paint/corrosion > Paint damage > Environmental influences				
Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note