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SUBJECT:

Replacement Underbody Coating Materials

OVERVIEW:

This bulletin discusses sufficient repair materials for underbody coatings.

MODELS:

2013	(PF)	Dart
2009-2013	(JC)	Journey
2001-2010	(PT)	PT Cruiser
2007-2008	(VB)	Sprinter
2002-2006	(VA)	Sprinter

DISCUSSION:

Some Chrysler Group underbodies receive an application of poly vinyl chloride (PVC) which is remarkably tough and resistant to stone chipping.

During the restoration of collision damage it may become necessary to repair or replace panels with the applied anti-chip coating, however the original material is not suitable for application outside of the assembly plant and there may be confusion in the field as to what products have an equivalent level of performance. For this reason Chrysler Group engineering has tested a wide array of after-market repair materials to determine those which provide equivalent protection to the as-built material, utilizing the same testing methods as are used for the production approved materials.

Of the materials tested, only the following satisfied the original engineering requirements for chip resistance and protection to the substrate. The Chrysler Group recommendations for repair materials are as follows:

Brand	Product Identifier	Product Name
Dominion Sure Seal	#BSSBL	Shake & Shoot Bedliner & Industrial Coating
Dominion Sure Seal	#BHBL	Hippo Liner DIY Bedliner Kit
Lord Fusor	#805	Wheel House Textured Coating
3M Mar-Hyde	#7277	Truck Guard Pro

Follow the manufactures' application recommendations. Duplication of the existing surface appearance must be achieved via the technician's actual application method and should be practiced prior to actual installation

Following application of the underbody coating it will be necessary to apply a painted topcoat to match the original coating's appearance on the vehicle as the replacement materials will not be a duplicate in color.

The following material application windows should be followed:

Brand	Product Identifier	Top Coat Guidelines
Dominion Sure Seal	#BSSBL & # BHBL	1. Allow 10-minute cure and apply base coat over non-cured material. 2. Following material cure, scuff surface and apply base coat.
Lord Fusor	#805	Top coat may be applied immediately and within 4 days.
3M Mar-Hyde	#7277	1. Topcoat may be applied after 30-minutes and up to 3-hours after application - otherwise wait until cured. 2. Following material cure, scuff surface and apply basecoat.

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