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Plastic coating process for new replacement parts

Replacement Plastic Parts

Plastic parts such as bumpers, mirror covers and external trim finishers are painted to match the vehicle body colour. Successful finishing of these parts is dependent on thorough preparation, cleaning and the use of the correct products to protect the vehicle and part warranty. Always refer to the product Technical Data Sheets (TDS) where applicable.

01.	<div>New replacement plastic part preparation</div>	<div>Caution Electo-static charge can be easily generated in plastic components during preparation. Neutralise where appropriate in accordance with TDS.</div>	<div>Inspect parts for damage and establish if the part is pre-primed? Or raw plastic?</div>	<div></div>	<div></div>	<div>If unsure inspect the inside of the cover for primer overspray or a difference in colour to outside surface. Go to relevant step. (02 raw or 04 primed).</div>	
02.	<div>New un-primed raw plastic part Part A</div>	<div> Locate plastic type identification code (e.g. PP). Clean part according to TDS.</div>	<div></div>	<div> Use a lint free cloth to clean the part. Do not allow product to dry on the surface.</div>	<div> Wipe dry with a clean lint free cloth.</div>	<div> Repeat until satisfied no residue remains or, until cloths remains clean.</div>	<div> Prepare surface in accordance with TDS. Go to step 03.</div>
03.	<div>New un-primed raw plastic part Part B</div>	<div> Clean the part. Do not allow product to dry on the surface.</div>	<div></div>	<div> Wipe dry with a clean lint free cloth.</div>	<div> Mix and apply the relevant plastic foundation materials according to the TDS. Some plastic parts may require flexible additives.</div>	<div></div>	<div> Dry according to TDS. For sanded primers go to step 04 and non-sanded primers go to 05.</div>
04.	<div>Primed Plastic part preparation</div>	<div> Clean part according to TDS.</div>	<div>Pre-primed Plastic parts should be sanded carefully taking care not to break-through the primer.</div>	<div> Sand primer according to TDS.</div>	<div>Caution If factory primer is broken through, go to step 02.</div>	<div> Re-clean with anti-static cleaner.</div>	<div> Wipe dry with a clean lint free cloth. Go to step 05.</div>
05.	<div>Basecoat colour for primed parts</div>	<div>Primed and sanded parts can now be painted with approved basecoat material.</div>	<div> Mix and apply the basecoat colour according to the TDS.</div>	<div></div>	<div> Dry according to TDS. Go to step 06.</div>		
06.	<div>Clear coat for base coated or fine sanded parts</div>	<div>After drying the base coat the approved elasticised clear coat can be mixed and applied.</div>	<div> Mix and apply the clear coat according to the TDS.</div>	<div></div>	<div> Dry according to TDS.</div>		