

# TEST PROJECT CAR PAINTING

## WSC2015\_TP36\_actual

Submitted by:

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WSC2015



## CONTENTS

This Test Project proposal consists of the following documentation/files:

- WSC2015\_TP36\_pre\_EN.doc task specification with **30% change**



## DESCRIPTION OF PROJECT AND TASKS

The Test project uses three car panels and one non-steel panel. One of the car panels is pre painted at the manufacturing factory.

Team Leader	Module description	
Module A	Spot repair on pre painted left wing	2.5 hrs
Module B	Masking of car and plastic part	2.5 hrs
Module C	Standard application inside and outside right door	5.0 hrs
Module D	Wet on wet right wing (three layer)	2.5 hrs
Module E	Colour mixing	2.5 hrs
Module F	Design on pre painted left door	5.0 hrs
		20.0 hrs

Colour description		
Colour - 2Stage	Inside right door	Code: VW LK5M
Colour - 2Stage	Outside right door	Code : TOY 789
Colour - 3Stage	Wet on wet right wing	Code: RENU LT NNP(3 LAYER)
Colour - No paint	Non steel panel	Code: PEU 661/A
Colour	Spot repair left wing- Pre painted	Code:VW LA7W
Colour – Per design	Left door for design - Pre painted	Code: SUBARU 88F
Colour	For design	Code:

A number of colour codes will be decided by the judging panel at the competition

Panels description	
Panel # 1	Pre painted left door
Panel # 2	OEM replacement right door
Panel # 3	Pre painted left wing
Panel # 4	OEM replacement right wing
Panel # 5	Front bumper

There will be an introduction 5-10 minutes before each module

### PLEASE TAKE NOTE OF THESE SYMBOLS










You must stop and have your work judged







Turn in sprayout sample



## INSTRUCTION TO THE COMPETITOR

<b>Module A : Spot repair on pre painted part (two layer)</b>	<b>Time allowed 2.5 HRS</b>
<ul style="list-style-type: none"> <li>Use the wing (Panel # 3)</li> </ul>	
<ul style="list-style-type: none"> <li>The scratch on this panel is to be repaired using a spot repair technique</li> <li>You must limit the extent of the clear coat to the boundary indicated in the drawing CP3</li> </ul>	
<ul style="list-style-type: none"> <li>Once the spot repair has been marked/scored you can polish the repair</li> </ul>	
<b>Module B: masking and plastic repair</b> (Panel#5 for plastic repair)	<b>Time allowed 2.5 HRS</b>
<ul style="list-style-type: none"> <li>Masking side of vehicle/car/and jambs</li> </ul>	
<ul style="list-style-type: none"> <li>Expert will valuate masking outlines</li> </ul>	
<ul style="list-style-type: none"> <li>Repair damaged area</li> </ul>	
<ul style="list-style-type: none"> <li>Apply primer</li> </ul>	
<ul style="list-style-type: none"> <li>Apply base and clear</li> </ul>	
<b>Module C: Standard application, inside and outside door</b>	<b>Time allowed 5.0 HRS</b>
<ul style="list-style-type: none"> <li>Use the OEM replacement door (Panel # 2)</li> </ul>	
<ul style="list-style-type: none"> <li>Prepare damaged area for polyester filler</li> <li>Apply polyester filler to damaged area</li> <li>Prepare the outside and inside for <u>primer filler</u></li> </ul>	
<ul style="list-style-type: none"> <li>Apply Primer filler inside and outside</li> </ul>	
<ul style="list-style-type: none"> <li>Sand primer filler and prepare for base</li> <li>Inside outside - two different colours will be used. Colour is a 2-stage. Apply to given line.</li> </ul>	



<ul style="list-style-type: none"> <li>• Apply outside colour to sprayout card</li> <li>• Clear should be applied to the given standard</li> </ul>	
<ul style="list-style-type: none"> <li>• The panels must be painted in a vertical position</li> </ul>	
<b>Module D: Wet on wet right wing (three layer)</b>	<b><u>Time allowed 2.5HRS</u></b>
<ul style="list-style-type: none"> <li>• Use the wing (Panel # 4)</li> <li>• Prep panel</li> </ul>	
<ul style="list-style-type: none"> <li>• Apply wet-on-wet primer</li> </ul>	
<ul style="list-style-type: none"> <li>• Match to given colour sample</li> <li>• Apply using the three layer system/process</li> </ul>	
<b>Module E: Colour mixing</b>	<b><u>Time allowed 2.5 HRS</u></b>
<ul style="list-style-type: none"> <li>• Using supplied colour sample #1</li> </ul>	
<ul style="list-style-type: none"> <li>• Make colour from scratch to match the given sample</li> <li>• Using colour sample number #2</li> </ul>	
<ul style="list-style-type: none"> <li>• Adjust colour to match given sample.</li> </ul>	
<ul style="list-style-type: none"> <li>• After completing colour adjustment turn in the sample colours applied to spray out card that you would like to have evaluated</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Note: You cannot use the scales or computers for this process</b></li> </ul>	
<b>Module F: Design on pre painted left door</b>	<b><u>Time allowed 5.0 HRS</u></b>
Use the pre painted left front door (Panel # 11) to lay out the design shown in given drawing	
<ul style="list-style-type: none"> <li>• Paint the design in the colours shown</li> </ul>	
<ul style="list-style-type: none"> <li>• Apply – you cannot polish</li> <li>• The decal/sticker supplied must be applied to the door as per Drawing</li> </ul>	