

THE PAINTING PROCESS OF SUZUKI RG

By :

Muhammad Faisal
NIM : 06509134043

Abstract



The purpose of painting motorcycle Suzuki RG is to find the damage on the body and to paint the motorcycle branded Suzuki RG. The process included improvement and painting the body and the frame of the motorcycle, then find out the results after the reparation and the painting.

The painting processes were firstly discovered the damage on a motorcycle Suzuki RG. As for the parts of the damage that could be found that was: there were parts of a cracked body, there was a section that scratched the paint on the body, there was a section on body putty is peeling and there are parts of the corrosion. Body part that is saber crack front, the fairing under the right and left, cover the lid center right, and back cover. Section scratched paint on the body which was saber, upper fairing, the fairing under the right and left, right and left middle cover and back cover. Part of paint that was saber crack, upper fairing, the fairing below the right and left, back cover and the corrosion was the frame. Then, to repair the damage on the body which included assessing the surface area were damaged, peeling layers of old paint on the body and frame were damaged, putty application, sanding, epoxy application process, the process of primer paint, paint the final painting process, process of clearing, polish and polishing. The tools required for body painting, were as follow: sandpaper, compressor, hand blocks, spray gun, stir bar, capitalization, and Duster water gun. Materials required for body painting motorcycles, Suzuki RG among others: the sandpaper of grit # 120 - # 2000, 020 black Danagloss paint, silver paint Danagloss 9021, Rexom thinner, thinner green Impala, epoxy Alfacgloss, spot putty, compound Farecla, duster, and putty Alfacgloss.

Based on the results of tests performed by a person competent in the field of painting can be concluded reasonably flat paint in every part of the body surface and the gloss paint was also good enough, but there were still some small part painting that identified defects such as fish eyes, mottling, needle holes, bubbles, and spots. By looking at the results of testing on the attached observation sheet and then reference the established body repair and painting of motorcycles Suzuki RG although there were some defects in some bad parts of the painting was less significant, therefore, the result of painting can be categorized as succeed.

PENGECATAN SEPEDA MOTOR SUZUKI RG

Muhammad Faisal
NIM : 06509134043

Abstrak

Tujuan dari Pengecatan sepeda motor Suzuki RG adalah dapat menemukan kerusakan yang terjadi pada bodi dan cat sepeda motor Suzuki RG. Melaksanakan proses perbaikan dan pengecatan bodi dan rangka sepeda motor Suzuki RG, selanjutnya mengetahui hasil setelah dilakukan perbaikan dan pengecatan.

Proses pengecatan sepeda motor Suzuki RG, pertama – tama menemukan kerusakan yang terjadi pada sepeda motor Suzuki RG. Adapun bagian-bagian kerusakan yang dapat ditemukan yaitu: terdapat bagian bodi yang retak, terdapat bagian cat pada bodi yang tergores, terdapat bagian dempul pada bodi yang terkelupas dan terdapat bagian yang korosi. Bagian bodi yang retak adalah spakbor depan, fairing bawah kanan dan kiri, cover tutup tengah kanan, dan cover belakang. Bagian cat pada bodi yang tergores adalah spakbor, fairing atas, fairing bawah kanan dan kiri, cover tengah kanan dan kiri, dan cover belakang. Bagian cat yang terkelupas adalah sepakbor, fairing atas, fairing bawah kanan dan kiri, cover belakang dan bagian yang korosi adalah rangka. Selanjutnya memperbaiki kerusakan pada bodi sepeda motor Suzuki RG yang meliputi menilai luasan permukaan yang mengalami kerusakan, mengupas lapisan cat lama pada bodi dan rangka yang mengalami kerusakan, pendempulan, pengamplasan, proses pengaplikasian *epoxy*, proses pengecatan cat dasar, proses pengecatan cat akhir, proses pengaplikasian *clear*, pengkilapan dan pemolesan. Alat-alat yang dibutuhkan untuk pengecatan bodi sepeda motor Suzuki RG antara lain: amplas, kompresor, blok tangan, *spraygun*, batang pengaduk, kapi, dan *air duster gun*. Bahan yang diperlukan untuk pengecatan bodi sepeda motor Suzuki RG antara lain: amplas dari grit #120-#2000, cat *Danagloss* hitam 020, cat *Danagloss* silver 9021, *thinner* rexom, *thinner* Impala hijau, *epoxy* Alfacgloss, *spot putty*, *compound* Farecla, kain lap, dan dempul Alfacgloss.

Berdasarkan hasil pengujian yang dilakukan oleh orang yang berkompeten di bidang pengecatan dapat disimpulkan cat cukup rata disetiap bagian permukaan bodi dan daya kilap cat juga cukup bagus, namun masih ada sedikit bagian kecil teridentifikasi cacat pengecatan seperti mata ikan, mottling, lubang jarum, bergelembung, dan bintik. Dengan melihat hasil dari pengujian yang terlampir pada lembar observasi dan acuan yang telah ditetapkan maka perbaikan dan pengecatan bodi sepeda motor Suzuki RG meskipun terdapat beberapa cacat pengecatan pada beberapa bagian yang kecacatannya tersebut kurang signifikan maka hasil pengecatan dapat dikatakan berhasil.