

## ABSTRACT

### **BODY REPAIRING AND REPAINTING TOYOTA HIACE 1981 AB 9010 DN LEFT SIDE**

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The purpose of final project entitled “BODY REPAIRING AND REPAINTING TOYOTA HIACE 1981 AB 9010 DN LEFT SIDE” is body and paint recondition of Toyota Hiace on the left side to know the result after the repairing and painting the Toyota Hiace had done.

The repairing and painting process of Toyota Hiace 1981 on the left side started by assessing broadness of body damage, removing damaged paint layer and putty (dempul) layer, welding the body, reapply the putty, sandpapering, masking, epoxy process, applying foundation paint, applying final paint, clear/gloss coating and polishing. The utility tools used in repairing and repainting were acetylene weld kit, compressor, air-pressure hose, grindstone, sander, plate cutter, steel ruler, hammer, air duster gun, sandpapers, hand block, spatula/cape, scrap, mixing plate, stirring stick, spray gun and napkin or dust cloth. The safety equipments were sunglass, mask, gloves, cap and workshop wear pack. The material used were steel plate, additive material (welding wire), grit sandpaper 80-1000, “alfagloss” putty, cellophane tape, newspapers, “alfagloss” epoxy, spot putty, blue “danagloss” foundation paint, blue 325 “danagloss” final paint, black and green impala thinner, thinner “A special” and ivory compound. After the repairing of body and paint, there had been an assessment from the painting expert.

The result of body repairing and painting of Toyota Hiace 1981 on the left side is the color match but less glossy, few melted paint, paint spot, un-lifted paint. There are no fish eyes but there are few surfaces textured like orange shell.