

SUMMARY

With appropriate input and advice from teachers at Tecnica del Norte University, we get to choose the best option that it would give the School of Technical Education equipment functions and materials for the students of that institution. The item selected was the adaptation of a Datsun 1200 engine carburetor of 1979 with a single point injection system Suzuki Forza a 1.3 Lts. In order to contribute to practical programs of teachers to students in the specialization of Automotive Mechanics. The aim of the thesis is describing the processes for adaptation of the injection system mentioned. In order to achieve our objective we determined the extent of damage that had this engine before its adaptation, doing market research, allowing the saving of money. Once solved the engine problem that we had, we continued with the process of adaptation of mechanical elements and the study of interpretation of diagrams to proper connection to successfully complete our thesis project. This thesis is expected to be useful for those who wish to discuss in detail the processes of adaptation that took place to achieve the incorporation of this injection system.