**CNG Tuning and Kit Conversion Management System**

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**Version: 1.00**

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| **USE CASE NAME:** | NOTICE KIT PROBLEM | | **USE CASE TYPE** |
| **USE CASE ID:** | NKP-010 | | Business Requirements: **🞏** |
| **PRIORITY:** | HIGH | | System Analysis: 🗹 |
| **SOURCE:** |  | |  |
| **PRIMARY BUSINESS ACTOR** | SERVICING EMPLOYEE | | |
| **PRIMARY SYSTEM ACTOR** | SERVICING EMPLOYEE | | |
| **OTHER PARTICIPATING ACTORS:** | * CUSTOMER * OWNER | | |
| **OTHER INTERESTED STAKEHOLDERS:** |  | | |
| **DESCRIPTION:** | This use case describes the event when the customer arrives at the shop ask to check the kit of his vehicle, the owner call the service employee to check the CNG kit part in the vehicle whether it is working or not and notify the problem due to which it is not working. | | |
| **PRE-CONDITION:** | The customer have CNG kit problem. | | |
| **TRIGGER:** | This use case is initiated when customer vehicles have CNG kit problem and required to be checking. | | |
| **TYPICAL COURSE** | Actor Action | System Response | |
| **OF EVENTS:** | **Step 1**: The service employee checks the CNG kit part in the vehicle ordered by the owner. | **Step 2**: The system asks servicing employee the problem occur in CNG kit of the vehicle. | |
|  | **Step 3**: The service employee noticed the problem and tell to the owner. | **Step 4**: The system asks customer either repair or not. | |
|  | **Step 5**: The service employee repair CNG kit in the vehicle ordered by the owner. | **Step 6**: When service is completed the system record the service charges give bill to the customer. | |
| **ALTERNATE COURSES:** | **Alt Step 5:** The customer doesn’t want to repair CNG kit his aim to knowing the problem in his vehicle. | | |
| **CONCLUSION:** | This use case concludes that noticed CNG kit problem is done by the servicing employee after checking it. | | |
| **POST-CONDITION:** | CNG kit repairing charges is recorded to system software. | | |
| **BUSINESS RULES** | * The customers must have CNG kit fitting problem in his vehicle. | | |
| **IMPLEMENTATION CONTRAINTS AND SPECIFICATIONS** | * This use case is available when the shop is open. * There is no limit to use this use case. | | |
| **ASSUMPTIONS:** | * When check CNG kit part service is not available the customer has to return back. | | |
| **OPEN ISSUES:** | NONE | | |