CUSTOMER PROBLEM ANALYSIS CHECK

DIDY1–01

ENGINE CONTROL SYSTEM Check Sheet	**Inspector's Name**	

Customer's Name		**Model and Model Year**	
Driver's Name		**Frame No.**	
Date Vehicle Brought in		**Engine Model**	
License No.		**Odometer Reading**	km miles

Problem Symptoms	☐ **Engine does not Start**	☐ **Engine does not crank** ☐ **No initial combustion** ☐ **No complete combustion**
	☐ **Difficult to Start**	☐ **Engine cranks slowly** ☐ **Other** _____
	☐ **Poor Idling**	☐ **Incorrect first idle** ☐ **Idling rpm is abnormal** ☐ **High (** rpm) ☐ **Low (** rpm) ☐ **Rough idling** ☐ **Other** _____
	☐ **Poor Driveability**	☐ **Hesitation** ☐ **Back fire** ☐ **Muffler explosion (after–fire)** ☐ **Surging** ☐ **Knocking** ☐ **Other** _____
	☐ **Engine Stall**	☐ **Soon after starting** ☐ **After accelerator pedal depressed** ☐ **After accelerator pedal released** ☐ **During A/C operation** ☐ **Shifting from N to D** ☐ **Other** _____
	☐ **Others**	

Date Problem Occurred	
Problem Frequency	☐ **Constant** ☐ **Sometimes (** times per day/month) ☐ **Once only** ☐ **Other** _____

Condition When Problem Occurs	**Weather**	☐ **Fine** ☐ **Cloudy** ☐ **Rainy** ☐ **Snowy** ☐ **Various/Other** _____
	Outdoor Temperature	☐ **Hot** ☐ **Warm** ☐ **Cool** ☐ **Cold** **approx. ____ °C (____ °F)**
	Place	☐ **Highway** ☐ **Suburbs** ☐ **Inner City** ☐ **Uphill** ☐ **Downhill** ☐ **Rough road** ☐ **Other** _____
	Engine Temp.	☐ **Cold** ☐ **Warming up** ☐ **After Warming up** ☐ **Any temp.** ☐ **Other** _____
	Engine Operation	☐ **Starting** ☐ **Just after starting (** min.) ☐ **Idling** ☐ **Racing** ☐ **Driving** ☐ **Constant speed** ☐ **Acceleration** ☐ **Deceleration** ☐ **A/C switch ON/OFF** ☐ **Other** _____

Condition of Check Engine Warning Light		☐ **Remains on** ☐ **Sometimes lights up** ☐ **Does not light up**
Diagnostic Trouble Code Inspection	**Normal mode (Pre–check)**	☐ **Normal** ☐ **Malfunction code(s) (code**) ☐ **Freeze frame data (**)
	Check Mode	☐ **Normal** ☐ **Malfunction code(s) (code**) ☐ **Freeze frame data (**)