

CUSTOMER PROBLEM ANALYSIS CHECK SHEET

ENGINE CONTROL System Check Sheet

Inspector's Name _____

Customer's Name	Registration No.	
	Registration Year	/ /
	Frame No.	
Date Vehicle Brought In	Odometer Reading	km Miles

Dates Problem Occured		
Frequency Problem Occurs		<input type="checkbox"/> Constant <input type="checkbox"/> Sometime (times per day/month) <input type="checkbox"/> Once only <input type="checkbox"/> Other ()
Conditions When Problem Occurrence	Weather	<input type="checkbox"/> Fine <input type="checkbox"/> Cloudy <input type="checkbox"/> Rainy <input type="checkbox"/> Snowy <input type="checkbox"/> Various/Other
	Outdoor Temperature	<input type="checkbox"/> Hot <input type="checkbox"/> Warm <input type="checkbox"/> Cool <input type="checkbox"/> Cold (Approx. °F (°C))
	Place	<input type="checkbox"/> Highway <input type="checkbox"/> Suburbs <input type="checkbox"/> Inner City <input type="checkbox"/> Hill (<input type="checkbox"/> Up, <input type="checkbox"/> Down) <input type="checkbox"/> Rough road <input type="checkbox"/> Other ()
	Engine Temp.	<input type="checkbox"/> Cold <input type="checkbox"/> Warming up <input type="checkbox"/> After warming up <input type="checkbox"/> Any temp. <input type="checkbox"/> Other
	Engine Operation	<input type="checkbox"/> Starting <input type="checkbox"/> Just after starting <input type="checkbox"/> Idling <input type="checkbox"/> Racing without load <input type="checkbox"/> Driving (<input type="checkbox"/> Constant speed <input type="checkbox"/> Acceleration <input type="checkbox"/> Deceleration <input type="checkbox"/> Other ())

Problem Symptoms	<input type="checkbox"/> Engine does not Start	<input type="checkbox"/> Engine does not crank <input type="checkbox"/> No initial combustion <input type="checkbox"/> No complete combustion
	<input type="checkbox"/> Difficult to Start	<input type="checkbox"/> Engine cranks slowly <input type="checkbox"/> Other ()
	<input type="checkbox"/> Poor Idling	<input type="checkbox"/> Incorrect first idle <input type="checkbox"/> Idling rpm is abnormal [<input type="checkbox"/> High <input type="checkbox"/> Low (rpm)] <input type="checkbox"/> Rough idling <input type="checkbox"/> Other ()
	<input type="checkbox"/> Poor Driveability	<input type="checkbox"/> Hesitation <input type="checkbox"/> Back fire <input type="checkbox"/> Muffler explosion (after fire) <input type="checkbox"/> Surging <input type="checkbox"/> Knocking <input type="checkbox"/> Other ()
	<input type="checkbox"/> Engine Stall	<input type="checkbox"/> Engine stall soon after starting <input type="checkbox"/> After acceleration pedal depressed <input type="checkbox"/> After acceleration pedal released <input type="checkbox"/> During A/C operation <input type="checkbox"/> When N to D shift <input type="checkbox"/> Other ()
	<input type="checkbox"/> Others	

Condition of Malfunction Indicator Lamp		<input type="checkbox"/> Remains on <input type="checkbox"/> Sometimes lights up <input type="checkbox"/> Does not light up
Diagnostic Trouble Code Inspection	Normal Mode (Precheck)	<input type="checkbox"/> Normal code <input type="checkbox"/> Malfunction code [code]
	Test Mode	<input type="checkbox"/> Normal code <input type="checkbox"/> Malfunction code [code]