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Date: 12/15/2009

Testing Vehicle: Chevy HHR 2009

Vehicle at idle	Before	After	Value
HC (Hydrocarbons)	65	12	< -54 >
CO (Carbon Monoxide)	.000	.000	0.00
O2 (Oxygen)	.65	.80	.15
Lambda (Oxygen Combustibles Balance)	1.031	1.038	.007
A/F (Air to Fuel)	15.16	15.27	.11

Vehicle at 2000rpm	Before	After	Value
HC (Hydrocarbons)	65	46	< .19 >
CO (Carbon Monoxide)	.000	.001	.001
O2 (Oxygen)	.65	.06	< .59 >
Lambda (Oxygen Combustibles Balance)	1.031	1.002	< .029 >
A/F (Air to Fuel)	15.16	14.75	.41