

AUT-114A-01 (LAB)

Assignment One: Emission Control Devices

For each of the emission control devices listed below you are to write a detailed summary on each one. In your summary MUST include the following:

- 1) What year was the device first introduced on the vehicle.
- 2) What Vehicle emission or emissions was it designed to control/reduce.
- 3) Is it a Pre or Post combustion device?
- 4) Lastly, in detail. How does it operate?

You may use any number of sources to write your summary. Books, Internet, Interviews, or all of these.

Note: You must use your own words and thoughts in your summary. There is no page limit on this. I am looking for a quality summary and knowledge of the devices. No BS Please!!!

PCV system

EVAP System

Air Fuel Ratio Sensor/ or what was called the oxygen sensor (O-2)

Catalytic Convertor

Air Injection System

EGR Valve

***NOTE: Paper due date to be announced. You will lose one (1) letter grade for every class period it is late. The paper will count for 1/2 your grade for AUT-114A