

# Maintenance and Light Repair Workbook Chapter 42

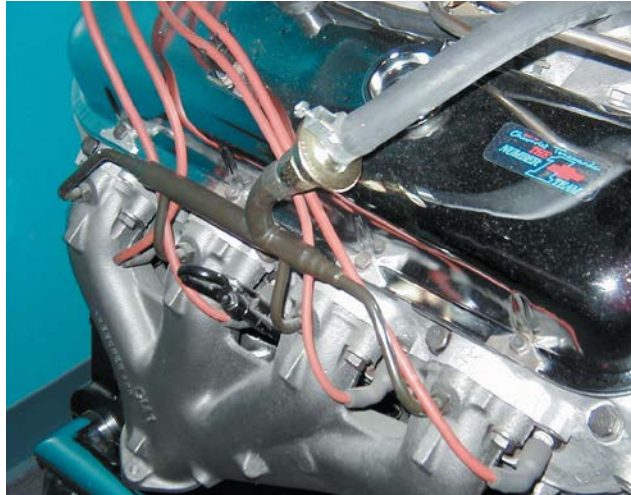
Name: \_\_\_\_\_ Class \_\_\_\_\_ Date: \_\_\_\_\_  
Instructor: \_\_\_\_\_ Textbook Pages 559-566

Answer the questions and identify the page number that the answer was found in the textbook

1. Exhaust gas recirculation (EGR) is an emission control system that lowers the amount of \_\_\_\_\_ formed during combustion. Page \_\_\_\_



2. PCV systems help reduce \_\_\_\_ and \_\_\_\_ emissions. Page \_\_\_\_
3. \_\_\_\_\_ is the term used to describe when combustion gases are forced past the piston rings and into the crankcase. Page \_\_\_\_
4. The \_\_\_\_\_ valve in most systems is a one-way valve containing a spring-operated plunger that controls valve flow rate. Page \_\_\_\_
5. The \_\_\_\_\_ system provides the air necessary for the oxidizing process either at the exhaust manifold or inside the catalytic converter. Page \_\_\_\_
6. All air-injection systems use one or more \_\_\_\_\_ to protect the air pump and other components from reverse exhaust flow. Page \_\_\_\_



7. The purpose of the \_\_\_\_\_ is to trap and hold gasoline vapors, also called volatile organic compounds, or VOCs. Page \_\_\_\_
8. The \_\_\_\_\_ valve is a normally open valve and is closed only when commanded by the PCM during testing of the system. Page \_\_\_\_



9. Gasoline fumes from the fuel system are trapped by the \_\_\_\_\_. Page \_\_\_\_