Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

**Meets ASE Task:** (A1-A-1) P-1 Research vehicle service information such as fluid type, internal combustion engine operation, vehicle service history, service precautions, technical service bulletins, and recalls including vehicles equipped with advanced driver assistance systems (ADAS).

**Gasoline Engine Identification**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Page 43

[ ]  1. Number of cylinders = \_\_\_\_\_\_\_\_ Arrangement of cylinders = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  2. Number and arrangement of camshafts = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  3. Bore = \_\_\_\_\_\_\_\_ Stroke = \_\_\_\_\_\_\_ Cu. in. = \_\_\_\_\_\_ cc = \_\_\_\_\_\_ Liters = \_\_\_\_\_\_

[ ]  4. Rated HP = \_\_\_\_\_\_\_\_ @ RPM \_\_\_\_\_\_\_

[ ]  5. Rated torque = \_\_\_\_\_\_\_\_\_ @ RPM \_\_\_\_\_\_\_

[ ]  6. Compression ratio = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  7. Recommended octane of gasoline required = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  8. The block is constructed of: [ ]  cast iron [ ]  aluminum



[ ]  9. Cylinder head(s) is constructed of: [ ]  cast iron [ ]  aluminum

[ ]  10. Intake manifold is: [ ]  one piece [ ]  two pieces (upper and lower) and is

 constructed of: [ ]  cast iron [ ]  aluminum [ ]  composite