

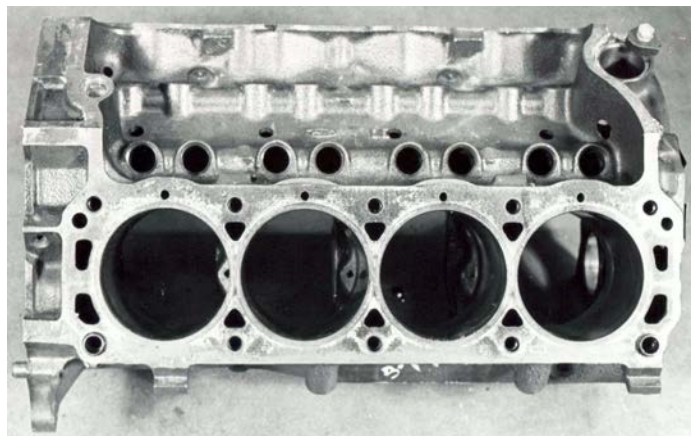
# Gasoline Engine Identification

Meets ASE Task: (A8-A-2) P-1 Locate and interpret vehicle and major component identification information.

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

- \_\_\_\_ 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
- \_\_\_\_ 11. Casting numbers on the block \_\_\_\_\_ Cylinder head(s) \_\_\_\_\_  
Crankshaft \_\_\_\_\_