

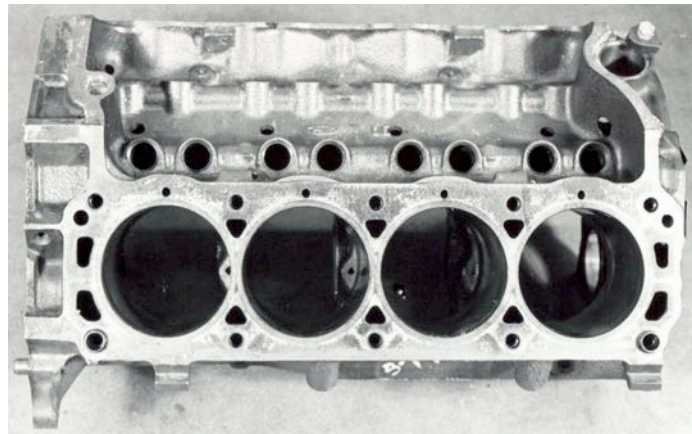
# Gasoline Engine Identification

**Meets NATEF Task:** (A1-A-4) Locate and interpret vehicle and major component identification numbers. (P-1)

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