

# Engine Identification

## AMERICAN MOTORS

### 1966-69 6 CYLINDER MODELS

**Engine Code Number** – Located on machined pad adjacent to distributor. LETTER contained in code number identifies cubic inch displacement.

Code	Displ. & Carb.	Compr. Ratio	Bore
J	199" 1 Bbl.	8.5:1	3.75"
L	232" 1 Bbl., 2 Bbl.	8.5:1	3.75"

### 1970 6 CYLINDER MODELS

**Engine Code Number** – Located on machined pad adjacent to distributor. LETTER contained in code number identifies cubic inch displacement.

Code	Displ. & Carb.	Compr. Ratio	Bore
A	199" 1-Bbl.	8.5:1	3.75"
E	232" 1-Bbl.	8.5:1	3.75"
G	232" 2-Bbl.	8.5:1	3.75"

### 1971-73 6 CYLINDER MODELS

**Engine Code Number** – Located on machined pad adjacent to distributor. LETTER contained in code number identifies cubic inch displacement.

Code	Disp. & Carb.	Compr. Ratio	Bore
A	258" 1-Bbl.	8.0:1	3.75"
E	232" 1-Bbl.	8.0:1	3.75"

### 1966 V8 MODELS

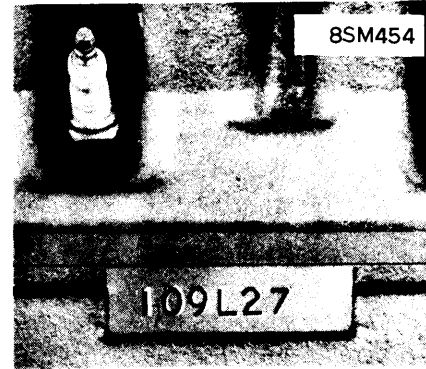
**Engine Code Number** – Located on alternator mounting bracket. LETTER contained in code number identifies engine.

Code	Displ. & Carb.	Compr. Ratio	Bore
E	327" 2 Bbl.	8.7:1	4.00"
F	327" 4 Bbl.	9.7:1	4.00"
G	287" 2 Bbl.	8.7:1	3.75"

**Bore Size** – Cast into block just behind head on right side. Use mirror and flashlight to see.



1966 V8 ENGINE NUMBER



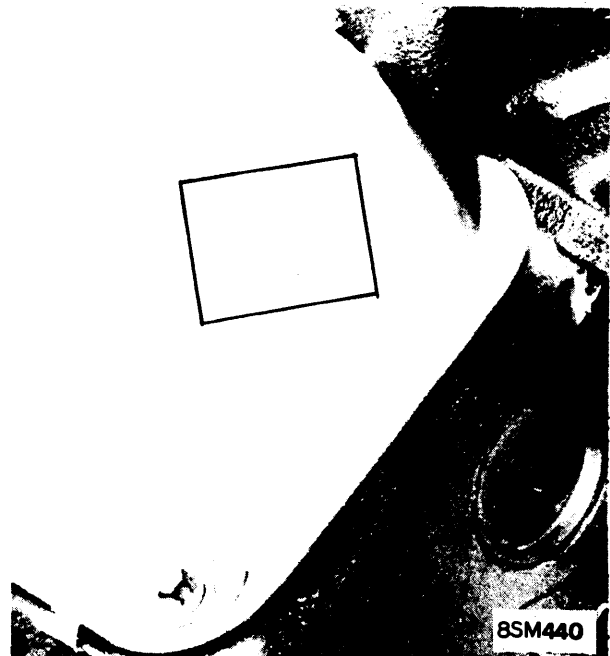
1966-73 6 CYLINDER ENGINE NUMBER

### 1967-69 V8 MODELS

**Engine Code Number** – Located on tag attached to right valve cover. Some engines will have two sets of numbers on tag, engine numbers will be designated by the **CODE LETTERS USED ON CHART** only. Other letters refer to special bearings etc.

Code	Displ. & Carb.	Compr. Ratio	Bore
H	290" 2 Bbl.	9.0:1	3.75"
N	290" 4 Bbl.	10.0:1	4.00"
S	343" 2 Bbl.	9.0:1	4.08"
Z	343" 4 Bbl.	10.2:1	4.08"
W	390" 4 Bbl.	10.2:1	4.165"

**Bore Size** – Cast into block on both banks between first and second freeze plugs.



1967-73 V8 ENGINE NUMBER

## AMERICAN MOTORS (Cont.)

### 1970 V8 MODELS

**Engine Code Number** – Located on tag attached to right valve cover. LETTER contained in code number identifies cubic inch displacement.

Code	Displ. & Carb.	Compr. Ratio	Bore
H	304" 2-Bbl.	9.0:1	3.75"
N	360" 2-Bbl.	9.0:1	4.08"
P	360" 4-Bbl.	10.0:1	4.08"
X	390" 4-Bbl.	10.0:1	4.165"

### 1971-72 V8 MODELS

**Engine Code Number** – Located on tag attached to right valve cover. LETTER contained in code number identifies engine.

Code	Disp. & Carb.	Compr. Ratio	Bore
H	304" 2-Bbl.	8.4-1	3.75"
N	360" 2-Bbl.	8.5-1	4.08"
P	360" 4-Bbl.	8.5-1	4.08"
Z	401" 4-Bbl.	9.5-1	4.165"

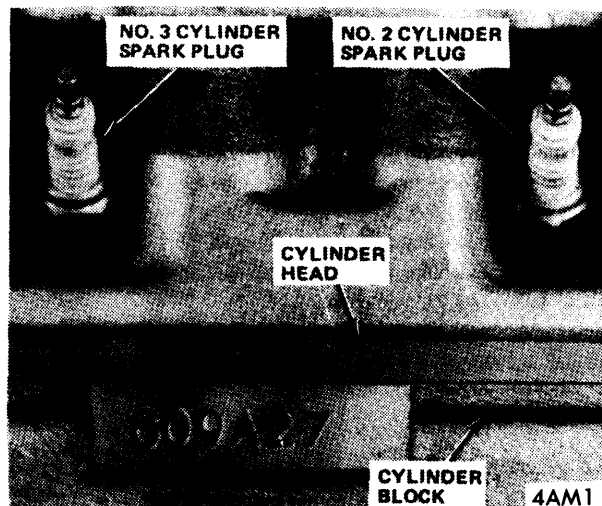
**ENGINE NUMBER NOTE** – Engines built for sale in Georgia and Tennessee have additional (non-repeating) number located on right side of engine below engine code number (6 Cyl.), on machined pad on left side of block adjacent to front core plug (V8 Engines). **Example** – E-119279, W-119270 or CO3164470 (Canada built engines).

### 1973-74 MODELS

**Engine Code Location** – Engine Code letter is seventh digit in thirteen digit Vehicle Identification Number, stamped on a metal plate which is riveted into depression at upper left corner of instrument panel, and is also printed on a non-removable label affixed to left front door latch. Engine codes may also be found on engines as follows:

**6-Cyl. Engine Code Location** – Located on a machined surface of engine block, between number two and three cylinders. Letter contained in code number identifies engine by cubic inch displacement, carburetor type and compression ratio.

**V8 Engine Code Location** – Located on a tag attached to right bank cylinder head cover. Letter contained in code number identifies engine by cubic inch displacement, carburetor type and compression ratio.



6 CYLINDER ENGINE CODE LOCATION



V8 ENGINE CODE LOCATION

Engine	Code Letter
232" 6-Cyl. 1-Bbl.	E
258" 6-Cyl. 1-Bbl.	A
304" V8 2-Bbl.	H
360" V8 2-Bbl.	N
360" V8 4-Bbl.	P
401" V8 4-Bbl.	Z