

8. INTAKE MANIFOLD

Some manifolds are year dated on the bottom under the heat shield.

8.1. Six-Cylinder Intake Manifolds

Six-cylinder manifolds have two vacuum line fittings on the top. The forward line goes to the fuel pump (for wiper motor assistance) while the rear line runs to the cover of the transmission modulator diaphragm.

Six-cylinder clamps were solid cast iron (replacements were stamped steel). Original manifolds did not have casting numbers or dates; replacements had casting numbers and a snowflake symbol with "W".

Six-cylinder manifolds had two end clamps (1-1/2 inch long) and four center clamps (2-1/16 inch long).

Six-cylinder manifolds, clamps and bolts are painted engine blue.

8.2. Eight-Cylinder Carbureted Intake Manifolds

Eight-cylinder manifolds show the snowflake symbol with "W", the casting number and date (same format as the engine block). They are located on top between the bosses for mounting the carburetor and distributor. The date is not visible when installed.

Common bolt markings were "AP", "M", or "TR".
One-carb iron manifolds and bolts are painted engine orange.
Two-carb iron manifolds and adapters are unpainted.
Aluminum manifolds were cadmium plated with unfinished bolts.

8.3. Eight-Cylinder Fuel Injection Intake Manifolds

The casting numbers are located in the center under the plenum chamber. If the large one-piece gasket is used (1957 to early 1959), the number is not visible.



<u>3-CARB</u>	<u>METAL</u>	<u>CASTING</u>	<u>PART NO</u>	<u>NOTES</u>
1953	alum	none	3707903	used on first few until mounting studs changed
1953-55	alum	none	3836071	6-cyl
	alum	3106064	3707904	6-cyl replacement
<u>2-CARB</u>	<u>METAL</u>	<u>CASTING</u>	<u>PART NO</u>	<u>NOTES</u>
1956	alum	3728725	3732004	until AIM 5-28-56 (about VIN -1658 to -1663)
	alum	3731394	3731158 3734135? 3738184?	after AIM 5-28-56 Adams pg 130 Adams pg 166
1957-61	alum	3739653	3739352 3741029	
<u>1-CARB</u>	<u>METAL</u>	<u>CASTING</u>	<u>PART NO</u>	<u>NOTES</u>
1955	iron	3711348	3711347 3717211	8-cyl same as pass V-8 replace assy w/mtg studs
1956	iron	3735448	3738184	
1957	iron	3731398	3732658 3732689 3740929	
1958	iron	3746829	3746828	
1959-60	iron	3746829	3749169	
1961	iron	3746829	3750511	(will work on 57-60)
1962	iron	3783244	3818947	small carb
1962	iron	3749349	3818839	large carb
1962	alum	3795397	unknown	large carb w/spec cam



<u>FUEL INJ</u>	<u>FI #</u>	<u>CASTING</u>	<u>PART NO</u>	<u>NOTES</u>
1957	7014360	3741193	?	
	7014520	3741193	?	
	7014800	3748947	?	
	7014960	3748947	?	
1958	?	?	?	
1959	?	?	?	
1960	?	?	?	
1961	?	?	?	
1962	?	?	?	

All FI intake manifolds were cast aluminum.

8.4. References:

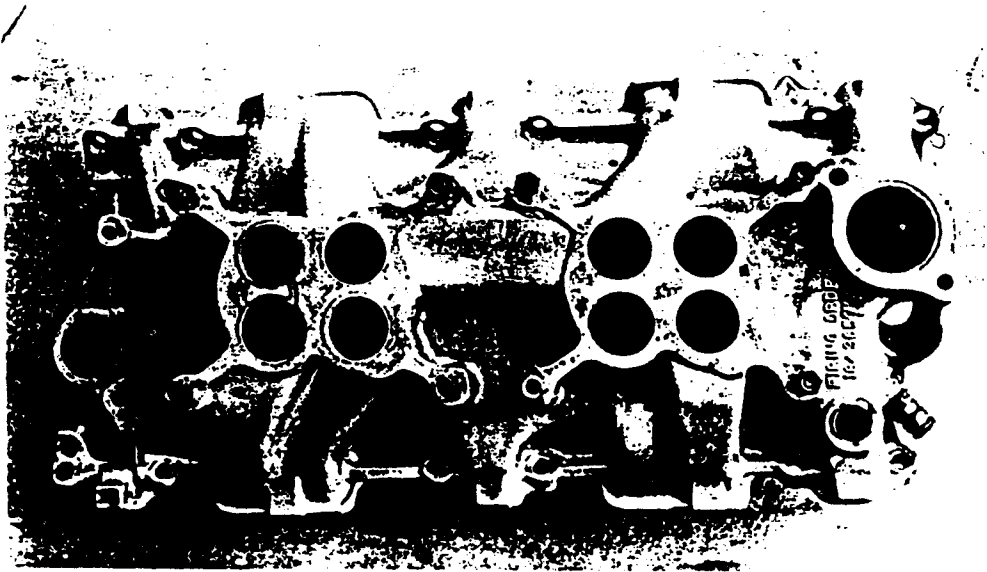
Adams: 1953-55 pages 48, 50, 52, 58-61
 1956-57 pages 130, 166, 185
 1958-60 pages 234, 236, 274
 1961-62 pages 333, 365-7

NCRS Specifications 1953-72, page 65
 NCRS Judging Manual 1953-55, pages 30-1
 1956-57, page 32 & 34
 1958-60, pages 19-20
 1961-62, page 14



INTAKE MANIFOLD - DUAL CARBURETORS

1956
CASTING
3731394



1957
CASTING
3739653

