

USA Blocks	Year(s)															
Features	1932	1933-1934	1935-1936		1937	1938		1939-1940		1941-1942		1943	1944	1945	1946-1948	1949-1953
Common nomenclature	1932	33-34	35-36	LB	late 21 stud		81A	81A	99	81A	99	?			59	8BA
Factory cubic inches	221								239	221	239	221 or 239			239	239 or 255
Factory bore	3 1/16 (3.0625) inches								3 3/16"	3 1/16"	3 3/16"	3 1/16" or 3 3/16"			3 3/16 (3.1875) inches	
Water drain	straight down	angled														none
Head fasteners	21 stud						24 stud									24 bolt
Cam Bearings ?	no		yes													
Water pump location	head mounted pumps				block mounted pumps											
Main bearing type	poured Babbitt			replaceable insert												
Main bearing diameter	2.000 inches			2.400 inches				2.500 inches								
Crankshaft snout	short							long								
Crankcase vent ?	no		yes													
“Raised” intake ?	no								yes		?		no			
Curved between exhaust ports ?	no								yes							
Core plugs in oil pan rails ?	yes								no							
Passes “pencil test” ?	yes										?		no			
Cast on bell housing ?	yes														no	
Center water hole	keystone							round	keystone	round	?		round			
Bottom center water hole	keystone										?		round			