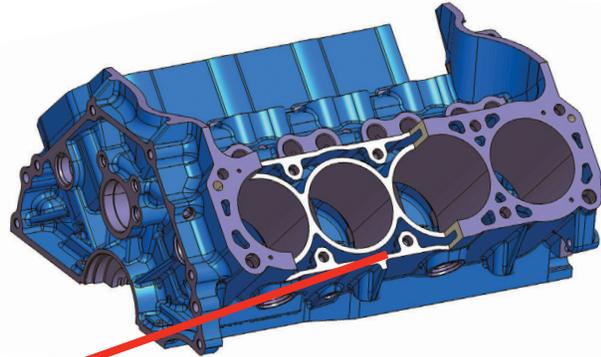


Ford Performance BOSS Blocks

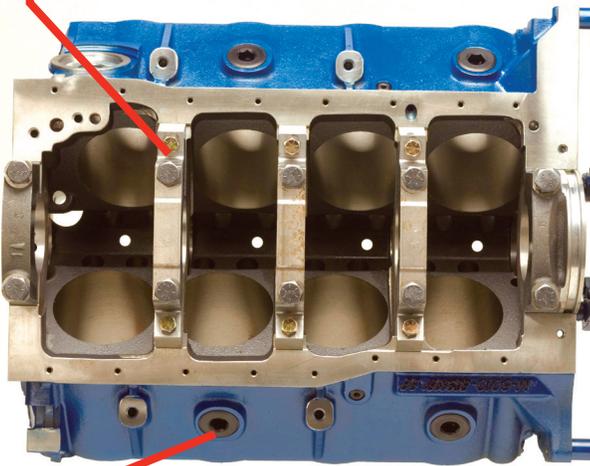
Standard and Big Bore Versions

Features:

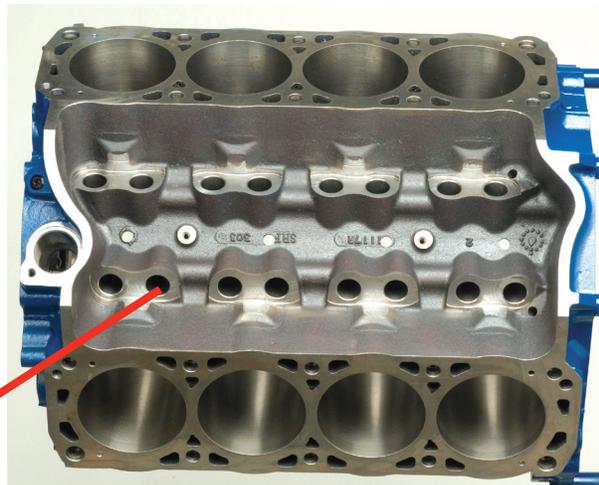
- 302 to 460 Cubic Inches
- 8.2"-9.2"-9.5" Deck Heights
- Standard and Big Bore Versions
- CNC Machined for exacting tolerances of +/- .001"
- The Factory Engineered foundation for building power and race winning performance
- Siamese Bore



▶ Splayed 4-bolt main on 2, 3, 4, main caps



▶ Increased bulkhead material
▶ Blind 1/2" head bolts moved lower in the block to minimize bore distortion



▶ Threaded core and galley plugs (straight thread port plugs with O-ring)

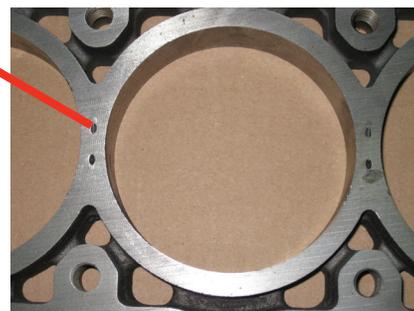
▶ Finished lifter bores
▶ Valley machined to accept factory roller lifter guides and lifter guide retainer

BOSS Blocks

BOSS Blocks are fully compatible with the original 302 and 351W blocks and includes the following features:

- Designed to use stock type timing cover, timing cover M-6059-D351 recommended (includes fuel pump provision)
- Compatible with factory 302 or 351W oil pan designs
- Retains clutch cross shaft pivot hole
- Original style oil filter location
- Original motor mount boss locations
- Original bell housing pattern

▶ Siamese bore with thick cylinder walls
▶ Drilled coolant crossover holes to aid cooling



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Techline: (800) 367-3788 PerformanceParts.Ford.com

Ford Performance BOSS Blocks

Standard and Big Bore Versions

The Factory Engineered foundation for building power and race winning performance

Block	M-6010-BOSS302	M-6010-B302BB	M-6010-BOSS35192
Bore Size as delivered	3.990" - 3.995"	4.115" - 4.120"	3.990" - 3.995"
Cooling Cross Drilled	Yes	No	Yes
Maximum Bore Size	4.125	Sonic test for greater than 4.125	4.125
Maximum Stroke recommended	3.400"	3.400"	4.000"
Main Bearings	2.250" (same as stock 302)	2.250" (same as stock 302)	2.750" (same as stock 351W)
Deck Thickness	.500" - .560"	.500" - .560"	.500" - .560"
Head Bolt Size	1/2-13 UNC	1/2-13 UNC	1/2-13 UNC
Lifter Bore Size	.8753" - .8768"	.8753" - .8768"	.8753" - .8768"
Weight	175 lbs.	175 lbs.	195 lbs.
Maximum Displacement	363 cubic inches	363 cubic inches	427 cubic inches
Recommended Parts			
Head Gaskets	M-6051-S331, M-6051-CP331, M-6051-R351, M-6051-B341	M-6051-R351	M-6051-S331, M-6051-CP331, M-6051-R351, M-6051-B341
Cam Bearings	M-6261-J351 or M-6261-R351		
Head Stud Kit	Head stud kit M-6014-Z304, M-6014BOSS		
Head Bolt Kit	Head bolt kit M-6065-BOSS		
Rear Seal	1 piece rear seal M-6701-B351		

Block	M-6010-BOSS35192BB	M-6010-BOSS35195	M-6010-BOSS351BB
Bore Size as delivered	4.115" - 4.120"	3.990" - 3.995"	4.115" - 4.120"
Cooling Cross Drilled	No	Yes	No
Maximum Bore Size	Sonic test for greater than 4.125"	4.125	Sonic test for greater than 4.125"
Maximum Stroke recommended	4.000"	4.250"	4.250"
Main Bearings	2.750" (same as stock 351W)	2.750" (same as stock 351W)	2.750" (same as stock 351W)
Deck Thickness	.500" - .560"	.500" - .560"	.500" - .560"
Head Bolt Size	1/2-13 UNC	1/2-13 UNC	1/2-13 UNC
Lifter Bore Size	.8753" - .8768"	.8753" - .8768"	.8753" - .8768"
Weight	195 lbs.	205 lbs.	205 lbs.
Maximum Displacement	427 cubic inches	454 cubic inches	454 cubic inches
Recommended Parts			
Head Gaskets	M-6051-R351	M-6051-S331, M-6051-CP331, M-6051-R351, M-6051-B341	M-6051-R351
Cam Bearings	M-6261-J351 or M-6261-R351		
Head Stud Kit	Head stud kit M-6014-Z304, M-6014BOSS		
Head Bolt Kit	Head bolt kit M-6065-BOSS		
Rear Seal	1 piece rear seal M-6701-B351		



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