

LS EDGE SOLID – RACE ENGINE BLOCK

Engine block part number	9.240" Standard Height – Raised Cam 9.750" Tall Deck Height – Raised Cam	A
Material	6061 Aluminium Billet Forging	
Bore	Solid Block 4.185" Max	
Stroke	4.250" with Standard Sleeves. Up to 4.500" with 6.125" OAL Sleeves	B
Cam bearing	55mm Babbitt 55mm Roller 60mm Babbitt 60mm Roller	C
Cam bearings	Babbitt Roller	
Cam bearing press	.002" to .0025"	
Camshaft position	.388 raised cam position	D
Camshaft snout	Factory LS	
Cam drive	Accepts Jesel Belt Drive or RCD Gear Drive	E
Cubic inch	Max 495 CI with 6.125" OAL sleeves	
Deck Height	9.240" Standard Height – Raised Cam 9.750" Tall Deck Height – Raised Cam	
Lifter Bores	.842" .904" .937 Keyway	F
Main bearing size	Standard 2.5588 or Cleveland 2.7484	G
Main bearing bore	Standard LS or Ford Cleveland	
Main caps	Aluminum 7075 T651 or 4340 Steel	H
Oil system	Priority main oiling system	
Oil pump	External oil pump only	I
Oil filter	Remote filter only	
Oil pan	Factory oil pan blot hole location	
Rear main seal	Standard LS	
Sleeve OD	4.325"	
Sleeve thickness	.100" @ 4.125" Bore	
Sleeve length	5.800" or Custom 6.125"	
Starter	Standard LS	
Main bolts	Solid Race Block (Aluminium Cap): Out – 1/2 x 5.250" Int – 1/2 x 5.750"	
Stud holes, head	6 bolt (per cylinder) pattern with 1/2", 3/8" sizes	J
Stud length in block	1.300"	
Torque specs	All Torque Specifications w/ CMD # High Pressure Lube Mains: 1/2" – 95 ft Lbs Side Bolts (Aluminium Caps) 7/16" – 55 ft Lbs Side Bolts (Steel Caps) 3/8" – 45 ft Lbs Head Studs 1/2" = 105 ft Lbs Head Studs 3/8" = 45 ft Lbs	
Weights	134 lbs – 4.125" bore Tall Deck (Steel Caps) 126 lbs – 4.125" bore Tall Deck (Aluminium Caps) (Includes Valley Tray and Rear Cover and Hardware.)	
Mounting holes	Factory LS mounting holes for Bellhousing and Assembly Brackets	

