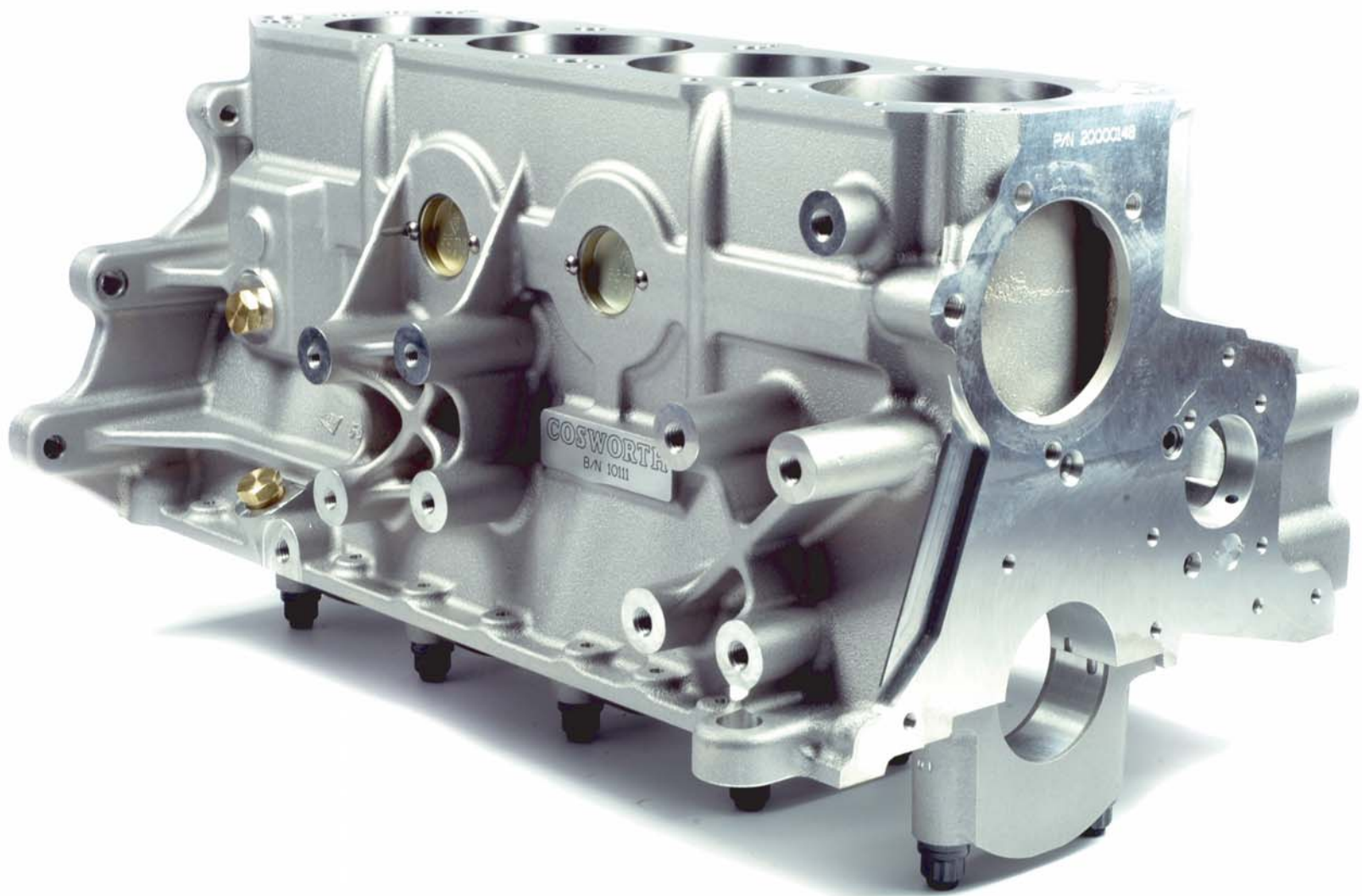


COSWORTH

YB

Aluminum Cylinder Block



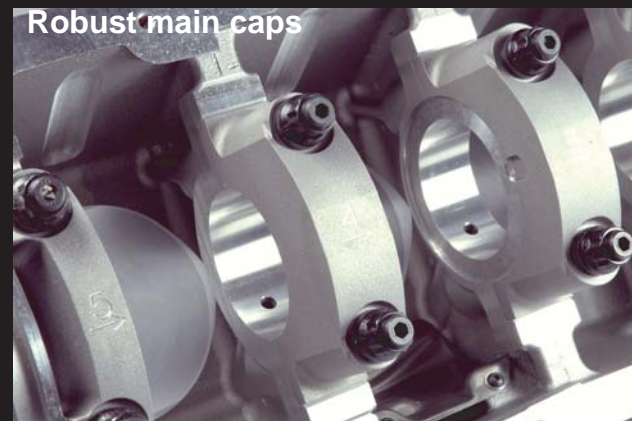
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This Ford Cosworth YB aluminum cylinder block is a direct replacement for the European spec thick deck "200" iron block and can be used for 2wd or 4wd wet sump or dry sump applications. It is intended for normally aspirated or turbocharged engines. Cast from LM25 and heat treated to TF condition for uncompromising strength. The large, robust shot peened cast alloy main caps are located with precision ground ring dowels and secured using a 12 mm high strength stud, washer, and nut kit. The thick-wall bores can accommodate dry iron straight thin wall liners in 90.8mm, 92mm, 94mm, and 96mm or the bores can be left unfinished allowing other liner types to be installed. Additionally, crankshafts up to 88mm stroke with high performance rods are acceptable. The deck height is finish machined to original specification (207.5mm), but is also available with a 217.5mm deck for long rod and/or stroker crank application. Unlike the iron block with limited material beneath the threaded head bolt/stud holes, this block features large cast pillars that extend internally from the deck to the crankcase portion of the block, which permit the threaded stud holes to be machined deep into the block; however, the stainless steel threaded inserts are installed at a depth to accommodate standard head bolts or an aftermarket head stud set. The combination of large internal pillars, thick cylinder walls and deep cast deck provides a very strong and stable block making "through block" stud arrangement unnecessary. Unless otherwise specified, each block is meticulously finished machined and arrives with the finish honed liners, main caps, main cap studs, bungs, core plugs, ring dowels, and head stud inserts installed.

YB

Aluminum Cylinder Block

- LM25 Heat Treated Aluminum
- Robust Shot Peened Alloy Main Caps
- Dry Iron Liner
- 12mm Main Studs
- 90.8mm or 94mm Bore
- Light Weight



Weight

- 90.8mm Bore Alloy Block **47.15 lbs.
- 94mm Bore Alloy Block **44.70 lbs.

Cosworth YB "200" Iron Block --- 104.2 lbs

Part Number

- 20000147 - Block, 90.8mm bore 207.5mm deck *
- 20000148 - Block, 94mm bore 207.5mm deck *
- 20000149 - Block, 90.8mm bore +10mm deck
- 20000150 - Block, 94mm bore +10mm deck
- 20000151 - Block, No Liners +10mm deck
- 20003390 - Block, 90.8mm bore +14mm deck
- 20003391 - Block, 94mm bore +14mm deck
- 20003392 - Block, 96mm bore +14mm deck
- 20003393 - Block, 96mm bore +10mm deck
- 20003394 - Block, 96mm bore 207.5mm deck
- 20004357 - Block, No Liners +14mm deck

*These blocks are generally in stock and available for immediate sale.

All others are considered special order. Call for availability and lead-time. Other bore sizes and block deck height combinations are available, but are also considered special order. Call for details.

**This weight includes the liners, bungs, core plugs, studs, ring dowels, thread inserts, and main caps

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