



FORD PERFORMANCE

M-6010-16L 1.6 LITER 4-CYLINDER LOTUS ENGINE BLOCK

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PRIOR TO INSTALLATION READ THESE INSTRUCTION COMPETELY
For questions, Call the FORD PERFORMANCE Techline 1-800-367-3788

Please visit <https://www.performanceparts.ford.com> for warranty information

OVERVIEW:

This sheet contains important information regarding dimensions and specifications of the M-6010-16L blocks. These instructions should be reviewed by all engine builders, due to minor changes that could impact the engine assembly process.

CONTENTS:

Be sure to check for the following parts included with M-6010-16L.

- (1) 2.070" cup plug
- (2) 1.625" cup plugs
- (5) 1/4-18 npt pipe plugs
- Cam bearings installed (3C711S ACL bearing set)
- (1) 1/8-27 npt pipe plug
- (2) Clutch housing dowels

FEATURES AND SPECIFICATIONS:

Part Number	M-6010-16L
Material	Cast iron
Bore Size	M-6010-16L 3.226"-3.228"
Bore Spacing	3.780"
Block Deck Height (out of box)	7.900"
Head Bolt Size	7/16-14 UNC Head bolts
Main Bolt configuration	2 bolt main caps 7/16-14 UNC
Main Bearing Bore Size	2.2702" – 2.2710"
Main Cap Material	Nodular cast iron main caps
Main Cap Fasteners	7/16-14 UNC (torque spec. 70 lb-ft) ARP recommended torque value
Cam Bearing Bore Size	1.6895" - 1.6905"
Cam Bearing I.D.	1.5615" – 1.5620"
Lifter Bore Size	.5160" - .5170"
Oiling System	Wet sump oiling system
Rear Seal Type	Rear engine cover mounted 1 piece rear seal

Recommended Parts

Valve cover M-6582-16K Cast Kent rocker cover

Ford Factory Shop Manual purchase options www.motorcraftservice.com