



PUSH ROD CRATE ENGINES AND SHORT BLOCKS

PART NUMBER	M-6007-X302E/X302B	M-6007-X302	M-6009-347	M-6009-363	M-6007-Z363FT
Displacement (ci)	302	306	347	363	363
Horsepower (hp) Racer Correction (SAE J607)	X302E 340 X302B 345	340	N/A	N/A	500
Torque (lb-ft) Racer Correction (SAE J607)	310	350	N/A	N/A	450
Compression Ratio	9.0:1	9.0:1	N/A	N/A	10.2:1
Cylinder Heads	X306 GT-40	M-6049-X306	N/A	N/A	M-6049-Z304DA
Camshaft	X302E XE303 Hyd. Roller X302B B303 Hyd. Roller	E303 Hydraulic Roller	N/A	N/A	Hydraulic Roller
Crank	3.000" Forged	3.000" Cast	3.400" Forged	3.400" Forged	3.400" Forged
Piston	4.000" Forged	4.030" Forged	4.030" Forged-Mahle® Grafal® coated skirt	4.125" Forged-Mahle® Grafal® coated skirt	4.125" Forged-Mahle® Grafal® coated skirt
Intake	N/A	N/A	N/A	N/A	N/A
Distributor	N/A	N/A	N/A	N/A	N/A
Valve Cover	M-6582-BOSS302	M-6000-K302R	N/A	N/A	M-6582-BOSS
Oil Pan	Production	Rear Sump	N/A	N/A	7 qt. Front Sump
Water Pump	Serpentine Belt	N/A	N/A	N/A	V-Belt
Block	M-6010-BOSS302	Production	M-6010-BOSS302	M-6010-BOSS302	M-6010-BOSS302
PART NUMBER	M-6007-Z363RT	M-6007-S347JR	M-6007-D347SR	M-6007-S374W	
Displacement (ci)	363	347	347	374	
Horsepower (hp) Racer Correction (SAE J607)	500	350	415	540	
Torque (lb-ft) Racer Correction (SAE J607)	450	400	400	470	
Compression Ratio	10.2:1	10.5:1	10.0:1	11.0:1	
Cylinder Heads	M-6049-Z304DA	M-6049-X307	M-6049-Z304DA	M-6049-Z304P	
Camshaft	Hydraulic Roller	Hydraulic Roller	F303 Hydraulic Roller	Solid Roller	
Crank	3.400" Forged	3.400" Forged	3.400" Forged	3.500" Forged	
Piston Forged	4.125" Forged-Mahle® Grafal® coated skirt	4.030" Forged-Mahle® Grafal® coated skirt	4.030" Forged-Mahle® Grafal® coated skirt	4.125" Forged-Mahle® Grafal® coated skirt	
Intake	N/A	RPM Air-Gap 302	Victor Jr.®	Super Victor®	
Distributor	N/A	MSD Billet Distributor	MSD Billet Distributor	MSD Billet Distributor	
Valve Cover	M-6582-BOSS	Ford Racing	Ford Racing	M-6582-CT	
Oil Pan	7 qt. Rear Sump	7 qt. Rear Sump	7 qt. Rear Sump	Rear Sump	
Water Pump	V-Belt	V-Belt	V-Belt	V-Belt	
Block	M-6010-BOSS302	M-6010-BOSS302	M-6010-BOSS302	M-6010-BOSS35192	
PART NUMBER	M-6007-S374D	M-6007-S374DCRA	M-6007-Z427FFT	M-6007-Z427FRT	
Displacement (ci)	374	374	427	427	
Horsepower (hp) Racer Correction (SAE J607)	590	590	535	535	
Torque (lb-ft) Racer Correction (SAE J607)	495	495	545	545	
Compression Ratio	11.0:1	11.0:1	10.5:1	10.5:1	
Cylinder Heads	M-6049-Z304P	M-6049-Z304P	M-6049-Z304DA	M-6049-Z304DA	
Camshaft	Solid Roller	Solid Roller	Hydraulic Roller	Hydraulic Roller	
Crank	3.500" Forged	3.500" Forged	4.000" Forged	4.000" Forged	
Piston	4.125" Forged-Mahle® Grafal® coated skirt	4.125" Forged-Mahle® Grafal® coated skirt	4.125" Forged-Mahle® Grafal® coated skirt	4.125" Forged-Mahle® Grafal® coated skirt	
Intake	Super Victor®	Super Victor®	N/A	N/A	
Distributor	MSD Billet Distributor	MSD Billet Distributor	N/A	N/A	
Valve Cover	M-6582-DS	M-6582-DS	M-6582-W427B	M-6582-W427B	
Oil Pan	Dry Sump	Dry Sump	7 qt. Front Sump	7 qt. Rear Sump	
Water Pump	V-Belt	V-Belt	V-Belt	V-Belt	
Block	M-6010-BOSS35192	M-6010-BOSS35192	M-6010-BOSS35195	M-6010-BOSS35195	



PART NUMBER	M-6009-427F	M-6007-Z427AFT	M-6007-Z427ART	M-6007-X427FFT	M-6007-X427FRT
Displacement (ci)	427	427	427	427	427
Horsepower (hp) Racer Correction (SAE J607)	N/A	600	600	450	450
Torque (lb-ft) Racer Correction (SAE J607)	N/A	550	550	520	520
Compression Ratio	N/A	11.1:1	11.1:1	10.5:1	10.5:1
Cylinder Heads	N/A	M-6049-Z304P	M-6049-Z304P	M-6049-Z304DA	M-6049-Z304DA
Camshaft	N/A	Solid Roller	Solid Roller	Hydraulic Roller	Hydraulic Roller
Crank	4.000" Forged	4.000" Forged	4.000" Forged	4.000" Forged	4.000" Forged
Piston	4.125" Forged-Mahle® Grafal® coated skirt	4.125" Forged-Mahle® Grafal® coated skirt	4.125" Forged-Mahle® Grafal® coated skirt	4.125" Forged-Mahle® Grafal® coated skirt	4.125" Forged-Mahle® Grafal® coated skirt
Intake	N/A	N/A	N/A	N/A	N/A
Distributor	N/A	N/A	N/A	N/A	N/A
Valve Cover	N/A	M-6582-W427P	M-6582-W427P	M-6582-W427B	M-6582-W427B
Oil Pan	N/A	7 qt. Front Sump	7 qt. Rear Sump	7 qt. Front Sump	7 qt. Rear Sump
Water Pump	N/A	V-Belt	V-Belt	V-Belt	V-Belt
Block	M-6010-BOSS35195	M-6010-Z351	M-6010-Z351	M-6010-BOSS35195	M-6010-BOSS35195

MODULAR CRATE ENGINES AND SHORT BLOCKS

PART NUMBER	M-6009-A46NA	M-6009-A46SC	M-6007-M50	M-6007-A50NA	M-6007-A50SC
Displacement	4.6L	4.6L	5.0L	5.0L	5.0L
Horsepower (hp)	N/A	N/A	412	412	N/A
Torque (lb-ft)	N/A	N/A	390	390	N/A
Compression Ratio	10.0:1	8.5:1	11.0:1	11.0:1	9.5:1
Combustion Chamber Volume (cc)	N/A	N/A	55.98	55.98	55.98
Cylinder Heads	N/A	N/A	Production	Production	Production
Camshafts	N/A	N/A	Production	Production	Production
Crankshaft	Forged Steel, 8-Bolt Flywheel	Forged Steel, 8-Bolt Flywheel	Forged Steel	Forged Steel	Forged Steel
Connecting Rods	Forged Steel	Forged Steel	Sintered Steel	Manley® H-beam	Manley® H-beam
Piston	Forged, Grafal® coated skirts Occ dish	Forged, Grafal® coated skirts 16cc dish	Cast, hard-anodized ring grooves Grafal® coated skirts	Mahle® forged hard-anodized ring grooves Grafal® coated skirts	Mahle® forged hard-anodized ring grooves Grafal® coated skirts
Intake Manifold	N/A	N/A	2011 Mustang	2011 Mustang	2011 Mustang
Ignition	N/A	N/A	Coil on plug	Coil on plug	Coil on plug
Valve Covers	N/A	N/A	Production	Production	Production
Oil Pan	N/A	N/A	Production	Production	Production
Water Pump	N/A	N/A	Production	Production	Production
Exhaust Manifolds	N/A	N/A	Production	Production	Production