

MAHLE

Motorsport

2022 Diesel Application Guide

Racing Components



Ford Powerstroke Applications

GM Duramax Applications

Forged And Cast Piston Sets

Cubic Inches	Bore	Stroke	Rod	Comp Height	Pin Diam.	Crown Vol	Wght G	Compression Ratio	Alloy	Clearance Guide			Part No.
										Meas.	Min	Max	
FORD 6.0L Powerstroke Forged Aluminum Race Pistons (Custom Order)													
Call for details. Coated skirt and Hard Anodized top ring groove - Ring Set (S41940) Included													
363	3.740		made to order		made to order			made to order	M142P	0.500	0.0046	0.0054	929901340
367	3.760												929901360
371	3.780												929901380

FORD 6.4L Powerstroke Forged Aluminum Race Pistons (Custom Order)													
Call for details. Coated skirt and Hard Anodized top ring groove - Ring Set (S42097) Included													
388	3.866		made to order		made to order			made to order	M142P	0.500	0.0046	0.0054	930060266
392	3.886												930060286
396	3.906												930060206



FORD 6.7L Powerstroke Forged Aluminum Race Pistons (Custom Order)													
Call for details. Coated skirt and Hard Anodized top ring groove - Ring Set (S42168) Included													
406	3.898		made to order		made to order			made to order	M142P	0.500	0.0046	0.0054	197835398
410	3.918												197835318
414	3.938												197835338

FORD 7.3L Powerstroke Forged Aluminum Race Pistons (Custom Order)													
Call for details. Coated skirt and Hard Anodized top ring groove - Ring Set (S41768) Included													
444	4.110		made to order		made to order			made to order	M124P	0.500	0.0076	0.0084	197763710
448	4.130												197763730
452	4.150												197763750

GM 6.6L Duramax Cast Performance Pistons													
Revised casting with improved crown geometry and Performance bowl design, coated skirt - Ring Set (40xxMDK-D) Included													
CH reduced 0.010" - Fits LB7, LLY, LBZ, LMM, LGH, LML													
CR calculated with 0.012" piston protrusion above deck and 0.037 x 4.115" head gasket													
								6.5cc					
403	4.055	3.898	6.417	1.951	1.358	-40.7cc	864	16.6	M142	0.500	0.0016	0.0023	930036055
407	4.075						880	16.8					930036075
411	4.095						896	17.0					930036095



GM 6.6L Duramax Cast Performance Pistons w/ 0.075" Deep Valve Pockets													
Revised casting with improved crown geometry and Performance bowl design, coated skirt - Ring Set (40xxMDK-D) Included													
CH reduced 0.010" - Fits LB7, LLY, LBZ, LMM, LGH, LML													
CR calculated with 0.012" piston protrusion above deck and 0.037 x 4.115" head gasket													
								6.5cc					
403	4.055	3.898	6.417	1.951	1.358	-41.8cc	861	16.3	M142	0.500	0.0016	0.0023	930029855
407	4.075						877	16.5					930029875
411	4.095						893	16.6					930029895



GM 6.6L Duramax Forged Aluminum Race Pistons w/ 0.075" Deep Valve Pockets													
Shelf stock version of the Custom Race Piston, Coated skirt and Hard Anodized top ring groove - Ring Set (40xxMDR*) Included													
CH reduced 0.010" - Fits LB7, LLY, LBZ, LMM, LGH, LML - Brodix and Wagler Cylinder Heads													
CR calculated with 0.012" piston protrusion above deck and 0.037 x 4.115" head gasket													
								6.5cc					
403	4.055	3.898	6.417	1.951	1.358	-41.8cc	774	16.3	M124P	0.500	0.0055	0.0063	930036255
407	4.075						785	16.5					930036275
411	4.095						797	16.6					930036295



*Includes CrN PVD Stainless Steel 1/16 Rectangular Top Ring

GM 6.6L Duramax Forged Aluminum Race Pistons (Custom Order)													
Call for details. Coated skirt and Hard Anodized top ring groove - Ring Set (40xxMDR*) Included													
403	4.055		made to order		made to order			made to order	M124P	0.500	0.0055	0.0063	929946655
407	4.075												929946675
411	4.095												929946695

*Includes CrN PVD Stainless Steel 1/16 Rectangular Top Ring

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