

2022 Diesel Application Guide Racing Components







Dodge Cummins Applications Forged, Monotherm, **And Cast Piston Sets**

Cubic	Bore	Stroke	Rod	Comp	Pin	Crown	Wght	Compression	Alloy	Cle	arance G	iuide	
Inches	6			Height	Diam.	Vol	G	Ratio		Meas.	Min	Max	Part No.
CUMI	VINS 5.9	L B-Series (Cast Perfor	mance Pi	stons -	12V							
Early 1	12V and n	narine-style be	owl. short pir	n desian. c	oated sk	irt - Rino	Set (S4	42170) Included					
-		vith 0.019" pis		•		_		•					
		, , , , , , , , , , , , , , , , , , ,						7cc					
359	4.015	4.724	7.559	2.817	1.575	-47.1cc	1119	16.5	M124	0.500	0.0055	0.0063	930036315
362	4.035						1138	16.6					930036335
366	4.055						1158	16.8					930036355
359	4.015	4.724	7.559	2.817	1.575	-52.4cc	1105	15.3	M124	0.500	0.0055	0.0063	930036515
362	4.035						1124	15.4					930036535
366	4.055						1144	15.6					930036555
		-		•			•		•	•			



CUMMINS 5.9L B-Series Cast Performance Pistons - 12V w/ 0.150" deep valve pockets

Early 12V and marine-style bowl, short pin design, coated skirt - Ring Set (S42170) Included

CR calculated with 0.019" piston protrusion above deck and 0.060 x 4.150" head gasket

								7cc					
359	4.015	4.724	7.559	2.817	1.575	-54.8cc	1099	14.8	M124	0.500	0.0055	0.0063	930036415
362	4.035						1118	14.9					930036435
366	4.055						1137	15.1					930036455
359	4.015	4.724	7.559	2.817	1.575	-59.9cc	1085	13.9	M124	0.500	0.0055	0.0063	930036615
362	4.035						1104	14.0					930036635
366	4.055						1124	14.1					930036655



CUMMINS 5.9L B-Series Forged Aluminum Race Pistons - 12V w/ 0.150" deep valve pockets

CH reduced 0.010", Early 12V and marine-style bowl, Coated skirt and Hard Anodized top ring groove - Ring Set (9300440xx-6) Included

CR calculated with 0.010" piston protrusion above deck and 0.060 x 4.150" head gasket

								7cc					
359	4.015	4.724	7.559	2.805	1.575	-53.5cc	1191	15.0	M142P	0.500	0.0076	0.0084	197808815
362	4.035						1210	15.2					197808835
366	4.055						1229	15.3					197808855
359	4.015	4.724	7.559	2.805	1.575	-59.0cc	1183	14.0	M142P	0.500	0.0076	0.0084	197808715
362	4.035						1202	14.2					197808735
366	4.055						1222	14.3					197808755



CUMMINS 5.9L B-Series Forged Aluminum Race Pistons - 24V w/ 0.100" deep valve pockets

CH reduced 0.010", Modified version of the 03-04 bowl, Coated skirt and Hard Anodized top ring groove - Ring Set (9300440xx-6) Included

CR calculated with 0.010" piston protrusion above deck and 0.060 x 4.150" head gasket

								6cc					
359	4.015	4.724	7.559	2.805	1.575	-46.7cc	1204	16.3	M142P	0.500	0.0076	0.0084	197809915
362	4.035						1222	16.5					197809935
366	4.055						1242	16.7					197809955
359	4.015	4.724	7.559	2.805	1.575	-51.0cc	1196	15.4	M142P	0.500	0.0076	0.0084	197809815
362	4.035						1215	15.5					197809835
366	4.055						1234	15.7					197809855
		•					_	•	_			•	



CUMMINS 5.9L B-Series Forged Aluminum Race Pistons - 12V or 24V (Custom Order)

Call for details. Coated skirt and Hard Anodized top ring groove - Ring Set (9300440xx) Included

359	4.015	made to order	made to order	made to order	M142P	0.500	0.0076	0.0084	929943015
362	4.035								929943035
366	4.055								929943055



CUMMINS 5.9L B-Series Forged Steel MONOTHERM - 24V 03-07 Commonrail (using 04.5-07 Injectors)

CH reduced 0.010", modified version of 04.5-07 bowl for reduced CR, 0.075" pockets, DLC coated pin - Ring Set (S42170) Included

CR calculated with 0.010" piston protrusion above deck and 0.060 x 4.150" head gasket

								6cc					
359	4.015	4.724	7.559	2.804	1.575	-48.6cc	1681	15.9	Steel	0.750	0.0016	0.0023	929969315
362	4.035						1708	16.0					929969335
366	4.055						1736	16.2					929969355
		-	-					-		-			



CUMMINS 6.7L B-Series Forged Aluminum Race Pistons - 24V w/ 0.200" deep valve pockets

CH reduced 0.010", Modified Industrial bowl, Coated skirt and Hard Anodized top ring groove - Ring Set (1978502xx-6) Included

CR calculated with 0.006" piston protrusion above deck and 0.062 x 4.312" head gasket

							6cc					
408	4.213	4.882	7.559	2.722	1.575 -	-55.6cc 1318	15.9	M142P	0.500	0.0076	0.0084	197850313
412	4.233					1338	16.0					197850333
416	4.253					1357	16.1					197850353
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Ford Powerstroke Applications **GM Duramax Applications** Forged And Cast Piston Sets

Cubic	Bore	Stroke	Rod	Comp	Pin	Crown	Wght	Compression	Alloy	Cle	arance G	Guide	
Inches				Height	Diam.	Vol	G	Ratio		Meas.	Min	Max	Part No.
FORD	6.0L P	owerstroke F	orged Alur	ninum Ra	ce Pist	ons (Cເ	istom (Order)					
Call for	r details	. Coated skirt a	and Hard An	odized top	ring gro	ove - Rir	ıg Set (S	S41940) Included					
363 367 371	3.740 3.760 3.780	made to	o order	m	ade to or	der		made to order	M142P	0.500	0.0046	0.0054	929901340 929901360 929901380
FORD	6.4L P	owerstroke F	orged Alur	ninum Ra	ce Pist	ons (Cເ	stom (Order)					
			•			•		342097) Included					
388 392 396	3.866 3.886 3.906	made to	o order	m:	ade to or	der		made to order	M142P	0.500	0.0046	0.0054	930060266 930060286 930060206
FORD	6.7L P	owerstroke F	oraed Alur	ninum Ra	ce Pist	ons (Cı	ıstom (Order)					
			•			•		342168) Included					
406 410 414	3.898 3.918 3.938	made to			ade to or			made to order	M142P	0.500	0.0046	0.0054	197835398 197835318 197835338
FORD	7.3L P	owerstroke F	orged Alur	ninum Ra	ce Pist	ons (Cເ	istom (Order)					
Call for	r details	. Coated skirt a	and Hard An	odized top	ring gro	ove - Rir	ıg Set (S	S41768) Included		_	_	_	
444 448 452	4.110 4.130 4.150	made to	o order	m	ade to or	der		made to order	M124P	0.500	0.0076	0.0084	197763710 197763730 197763750
CNAC	el D	amay Caat Ba	ufo umanaa	Dietone									



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

							0.500					
403	4.055	3.898	6.417	1.951	1.358 -40.7cd	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
*Includ	des CrN P\	D Stainless S	teel 1/16 Rect	tangular To	p 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

Oun ic	n actans.	Oddica Skirt and Hara And	baized top inig groove - iting oct (TOXXIIIDIX / IIICIGGCG					
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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