

Chevy 396 Big Block Domed

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio		Cubic Inch	Repl. Piston	Includes Ring Part #
							104cc Head	96cc Head			
PTS519A3	4.125"	1.760	3.766"	6.135"	.990"	+38cc	11.8:1	13.0:1	402	5519A3	
PTS519A6	4.155"						11.9:1	13.2:1	408	5519A6	

Chevy 427 Big Block Domed • Closed Chamber

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 107cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
PTS520AS	4.250"	1.760	3.766"	6.135"	.990"	+21cc	10.1:1	427	5520AS	
PTS520A3	4.280"						10.2:1	433	5520A3	
PTS520A6	4.310"						10.3:1	439	5520A6	

NEW! Chevy 454 Big Block • Hollow Dome

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio		Cubic Inch	Repl. Piston	Includes Ring Part #
							112cc Head	119cc Head			
PTS514AS	4.250"	1.645	4.000"	6.135"	.990"	+21cc	9.9:1	9.3:1	454	5514AS	
PTS514A1	4.260"						9.9:1	9.3:1	456	5514A1	
PTS514A3	4.280"						10.0:1	9.4:1	460	5514A3	
PTS514A6	4.310"						10.1:1	9.5:1	467	5514A6	

NEW! Chevy 454 Big Block • Flat Top

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio		Cubic Inch	Repl. Piston	Includes Ring Part #
							112cc Head	119cc Head			
PTS516AS	4.250"	1.270	4.250"	6.385"	.990"	-3cc	8.6:1	8.25:1	482	5516AS	
PTS516A1	4.260"						8.7:1	8.3:1	485	5516A1	
PTS516A3	4.280"						8.8:1	8.35:1	489	5516A3	
PTS516A6	4.310"						8.9:1	8.45:1	496	5516A6	

NEW! Chevy 502 Big Block • Flat Top

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio		Cubic Inch	Repl. Piston	Includes Ring Part #
							112cc Head	119cc Head			
PTS517AS	4.470"	1.645	4.000"	6.135"	.990"	-3cc				5517AS	
PTS517A3	4.500"									5517A3	
PTS517A6	4.530"									5517A6	

Chevy Vortec 8.1 Flat Top • GEN 7 • Non-stock .990 pin dia. (also fits Marine appl.)

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 118cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
PT524AS	4.255"	1.340	4.370"	6.700"	.990"	-2cc	8.7:1	503	5524AS	
PT524A3	4.280"						8.8:1	503	5524A3	
PT524A4	4.290"						8.85:1	505	5524A3	

Stock Rod - 6.693" Designed to work with an aftermarket 6.700" rod length .990" Pin dia. - K1 Part # CA6700APRB8-A

Chevy 502 Cubic Inch • Mini Dome (also fits Marine appl. 8.2L /502ci)

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 119cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
PTS518AS	4.470"	1.645	4.000"	6.135"	.990"	+3.8	9.0:1	509	5518AS	
PTS518A3	4.500"						9.0:1	509	5518A3	
PTS518A6	4.530"						9.0:1	509	5518A6	

Chevy Big Block 454 / 502 Domed

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio		Cubic Inch	Repl. Piston	Includes Ring Part #
							119cc Head	112cc Head			
PTS522AS	4.250"	1.270	4.250"	6.385"	.990"	+21cc	10.1:1	10.8:1	489	5522AS	
PTS522A3	4.280"						10.2:1	10.9:1	496	5522A3	
PTS522A6	4.310"						13.1:1	14.2:1	496	5522A6	

502 Series

PTS521A3	4.500"	1.270	4.250"	6.385"	.990"	+15cc	10.5:1	11.1:1	540	5521A3	
PTS521A6	4.530"						10.5:1	11.1:1	555	5521A6	

Note: Big Block Chevy 15cc and 21cc domes are solid and may be cut to flat tops. (2.76 grams per cc)

Approximately 2.7cc's lost for every .025" cut from dome rise.



FORGED AUTOMOTIVE RACING PISTONS • PRO TRU STREET SERIES

Chrysler 225 Slant 6 Flat Top (w/ 1.0, 1.2, 2.8mm rings)

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 54cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
PTS536A25	3.425"	1.625	4.125"	7.005"	.901"	-6cc	10.25:1	228	5536A25	8700XX
PTS536A45	3.445"						10.3:1	231	5536A45	8750XX

Chrysler 318 Flat Top (w/ 5/64 x 5/64 x 3/16 rings)

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 64cc Head 62cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
PTS529AS	3.910"	1.800	3.310"	6.123"	.984"	-5cc	9.4:1 9.6:1	323	5529A3	
PTS529A3	3.940"						9.5:1 9.7:1	325	5529A4	

Chrysler 360 Flat Top

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 68cc Head 65cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
PTS527AS	4.000"	1.665	3.580"	6.123"	.984"	-5cc	10.0:1 10.4:1	365	5527AS	
PTS527A3	4.030"						10.0:1 10.4:1	365	5527A3	

Chrysler 340/360 Flat Top • 4.000" Stroker Crank

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 68cc Head 65cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
PTS528A3	4.030"	1.460	4.000"	6.123"	.984	-5cc	11.0:1 11.5:1	408	5528A3	
PTS528A4	4.040"						11.1:1 11.5:1	410	5528A4	
PTS528A6	4.060"						11.2:1 11.6:1	414	5528A6	

Chrysler 440 Flat Top

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 88cc Head 78cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
PTS531AS	4.320"	2.050	3.750"	6.760"	1.094"	-4cc	9.8:1 10.7:1	440	5531AS	
PTS531A3	4.350"						9.8:1 10.7:1	446	5531A3	
PTS531A55	4.375"						9.9:1 10.7:1	451	5531A55	

Chrysler 440 Flat Top • 4.150" Stroker Crank • OEM and Indy Cyl. Heads

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 88cc Head 78cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
PTS532A3	4.350"	1.850	4.150"	6.760"	.990"	-6.3cc	10.5:1 11.5:1	493	5532A3	
PTS532A55	4.375"						10.6:1 11.6:1	499	5532A55	

Ford Windsor 289 / 302 Flat Top

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 60cc Head 70cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
Compression ratios based on .000" deck										
PTS500A3	4.030"	1.600	3.000"	5.090"	.912"	-7cc	9.3:1 8.3:1	306	5500A3	
PTS500A4	4.040"						9.3:1 8.3:1	308	5500A4	

NEW! Ford Windsor 289 / 302 Reverse Dome

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 60cc Head 70cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
Compression ratios based on .000" deck										
PTS513A3	4.030	1.160	3.000"	5.090"	.912"	-10cc	9.0:1 8.0:1	306	5513A3	
PTS513A4	4.040						9.0:1 8.0:1	308	5513A4	

NEW! Ford Windsor 302 Stroker Flat Top

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 60cc Head 70cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
Compression ratios based on .000" deck										
PTS511A3	4.030	1.090	3.400"	5.400"	.927"	-7cc	10.4:1 9.3:1	347	5511A3	
PTS511A4	4.040						10.4:1 9.3:1	347	5511A4	
PTS512A3	4.030	1.065	3.250"				10.0:1 9.0:1	331	5512A3	
PTS512A4	4.040						10.0:1 9.0:1	331	5512A4	

Ford Windsor 351 Flat Top

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio 60cc Head 70cc Head	Cubic Inch	Repl. Piston	Includes Ring Part #
Compression ratios based on .020" deck										
PTS501A3	4.030"	1.769	3.500"	5.954"	.912"	-7cc	10.7:1 9.6:1	357	5501A3	
PTS501A4	4.040"						10.9:1 11.7:1	359	5501A4	
PTS500A3	4.030"	1.600	3.850"				11.1:1 10.0:1	392	5500A3	
PTS500A4	4.040"						11.1:1 10.0:1	394	5500A4	

NEW! Ford Cleveland 351 Flat Top

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio		Cubic Inch	Repl. Piston	Includes Ring Part #
							60cc Head	70cc Head			
Compression ratios based on .020" deck											
PTS515A3	4.030"	1.647	3.500	5.788"	.912"	-3cc	11.0:1	9.8:1	357	5515A3	
PTS515A4	4.040"						11.0:1	9.8:1	358	5515A4	

Ford 460 Flat Top (also fits Marine appl.) 7.5L

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio		Cubic Inch	Repl. Piston	Includes Ring Part #
PTS530AS	4.360"	1.756	3.850"	6.605"	1.040"	-5.4			460	5530AS	
PTS530A3	4.390"								466	5530A3	
PTS530A6	4.420"								472	5530A6	

(PT074H3, Will not fit M6049-SCJ Heads)

Oldsmobile 455 Reverse Dome

Kit Part #	Bore Size	Comp. Height	Stroke	Rod Length	Pin Dia.	Dome Volume	Comp. Ratio		Cubic Inch	Repl. Piston	Includes Ring Part #
							80cc Head	77cc Head			
PTS537AS	4.125"	1.750	4.250"	6.735"	.980"	-15cc	9.9:1	10.2:1	428	5S537AS	
PTS537A3	4.155"						9.9:1	10.2:1	461	5S537A3	





FORGED AUTOMOTIVE RACING PISTONS

SPORT COMPACT SERIES

*Modern Day
4 & 6-Cylinder
High-Performance Pistons*

